

# MONTEREY PENINSULA WATER SUPPLY PROJECT

## Test Slant Well Long Term Pumping Monitoring Report No. 47 16-March-16 - 23-March-16

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

March 29, 2016

PREPARED FOR:  
California American Water



**CALIFORNIA  
AMERICAN WATER**

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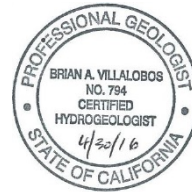
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No.	Description
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1	General Technical Description of Monitoring Wells
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### Description

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- 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 16-March-16 through 23-March-16

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

[www.watersupplyproject.org](http://www.watersupplyproject.org)

**MONTEREY PENINSULA  
WATER SUPPLY PROJECT**

**TEST SLANT WELL LONG TERM PUMPING MONITORING REPORT NO. 47  
16-MARCH-16 - 23-MARCH-16**

## **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 (Cal-Am) 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 the CEMEX's dredge pond (CP-1) is also being monitored. The transducer installed in the dredge pond has recently been buried in sand due to winter storms surges. Efforts will be made to ascertain its location and condition.

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](http://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, CCC allowed for weekly maintenance pumping of 6-Hours per week to maintain the 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 16-March-16 through 23-March-16 and is presented with data collected since the start of the long term pumping test. Each subsequent weekly report will provide an additional seven days of data.

On January 19, 2016 at 11:10 am, the Test Slant Well unexpectedly stopped pumping due to a Pacific Gas & Electric Company (PG&E) low voltage issue in the immediate area. The outage was later resolved and the Test Slant Well was turned on approximately 22 hours later on January 20, 2016 at 8:51 am. The pump unexpectedly turned off again due to PG&E power interruptions on January 22, 2016 11:53 pm for 35 hours, January 30, 2016 2:50 am for 8 hours, January 31, 2016 3:29 pm for 20 hours, and



February 12, 2016 for 8 hours. The pump was turned off for 29 hours on March 1, 2016 for discharge line repairs. On March 4, 2016 10:10 am the pump was turned off for discharge line repairs. The pump has not been turned on as of the date of this report.

## 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 monthly 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 wells 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. 47 (this report), is the forty-seventh 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. 7<sup>1</sup>).

## 2.0 CONVERSION OF TRANSDUCER PRESSURE MEASUREMENTS TO GROUNDWATER ELEVATIONS

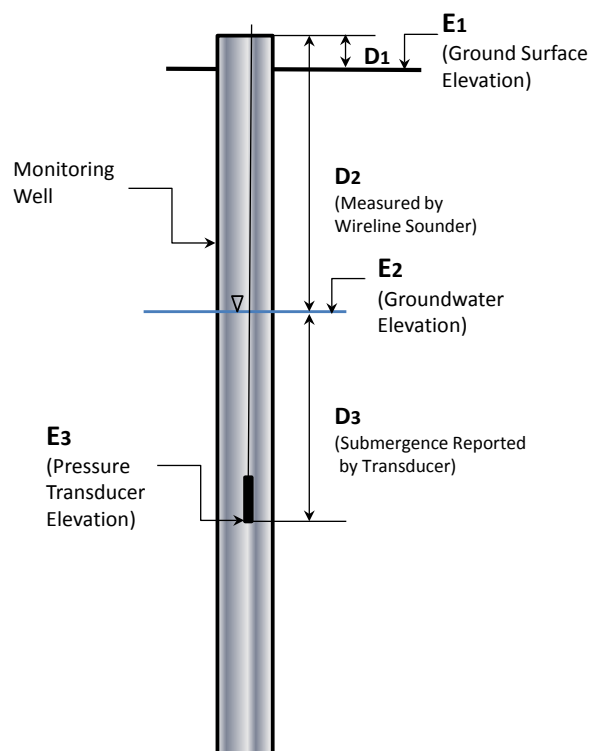
Pressure transducer readings were converted to ground water elevation values (expressed as ft NAVD88) using the setting depth of the pressure transducer and the ground surface elevation at the monitoring well site (see inset). After initially setting a pressure transducer in the well, and after each 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, ground water elevations in ft NAVD88 are calculated from transducer submergence readings ( $D3$ ) (psi converted to ft) and depth to water measurements ( $D2$ ) as follows:

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

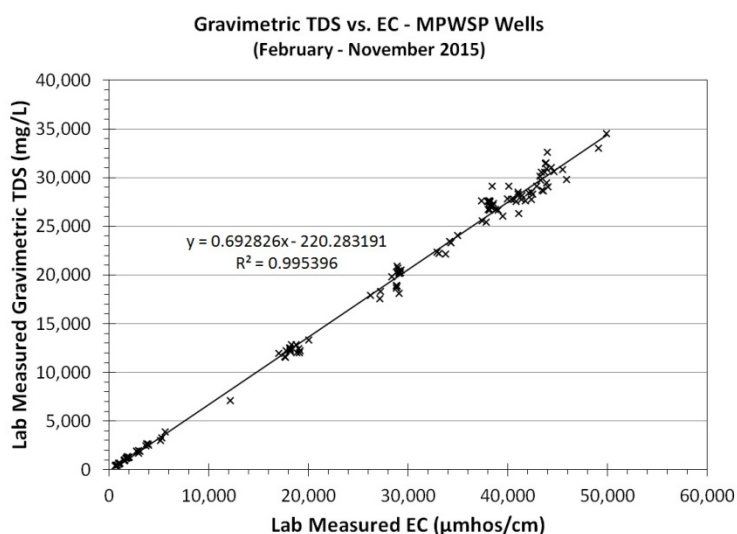
MW-1, MW-3, MW-4, MW-5, Dredge Pond, and Test Slant Well reference point elevations (RP) were surveyed on 26-Mar-15. MW-6, MW-7, MW-8, MW-9, and CEMEX North Well RP's were surveyed on 1-Oct-15 and are summarized in Table 1. All elevations are in ft NAVD88 including RP and ground surface elevations. CEMEX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



<sup>1</sup> 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).

### 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 TSW pump sample collection from the TSW has resumed. Results of the TSW analyses can be found in Table 2.

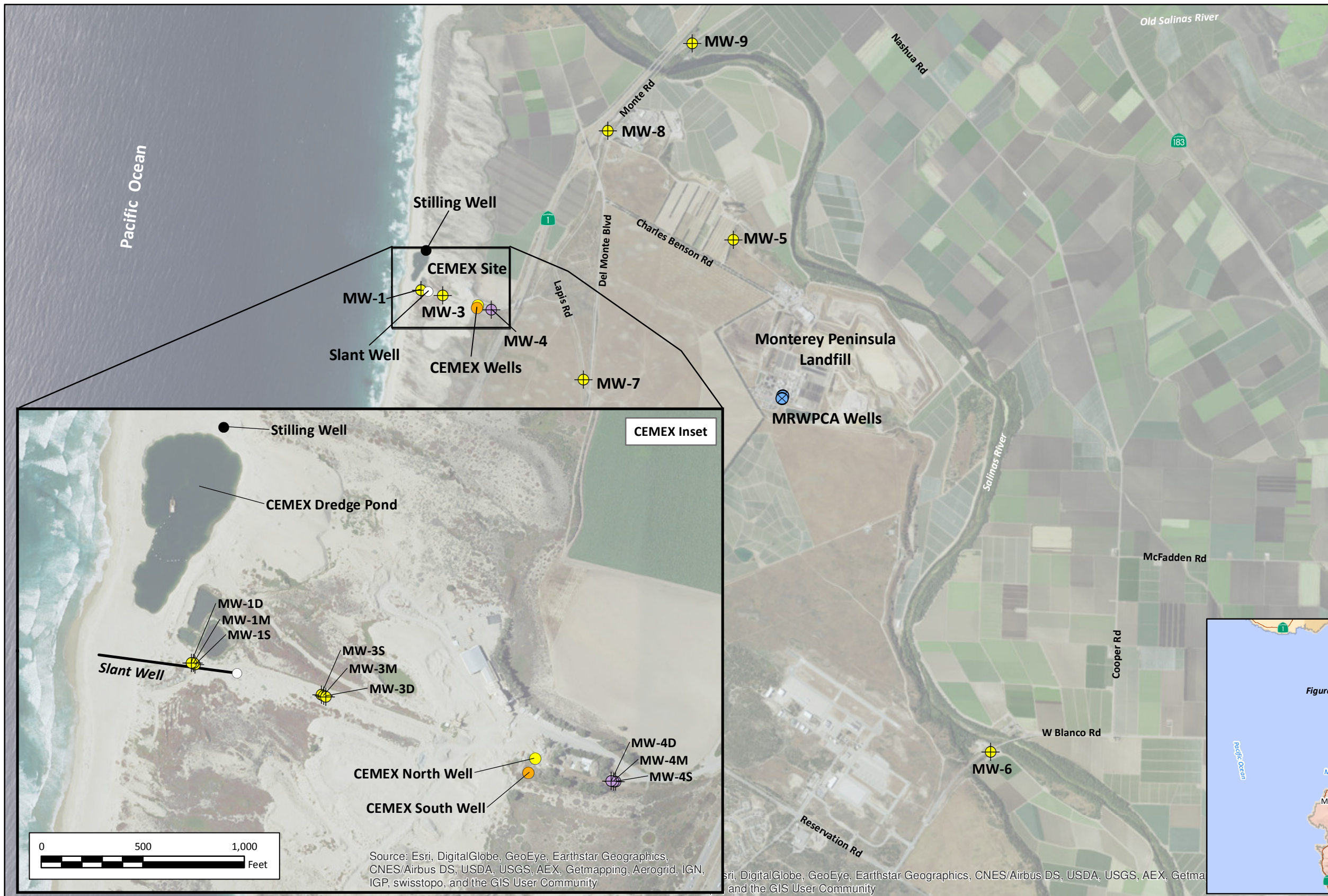
Data collected from transducers will continue to be plotted. Where no transducers were present, specific conductivity data was collected using a hand-held electrical conductance meter (MW-5 &

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.

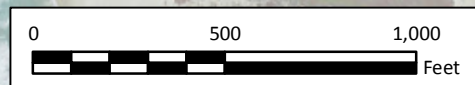


**FIGURES**

**MPWSP GROUNDWATER MONITORING NETWORK**

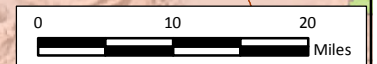


- EXPLANATION**
- Existing Monitoring Well Cluster
  - Compliance Monitoring Well
  - Inactive Production Well
  - CEMEX Well - Inactive (Monitored)
  - CEMEX Well - Active (Not Monitored)
  - Stilling Well
  - Slant Well

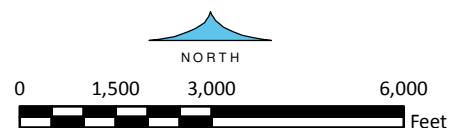


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



29-Mar-16  
 Prepared by: DB. Map Projection: State Plane 1983, Zone IV.  
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**Figure 1-1**



### Groundwater Elevation in MPWSP MW-1

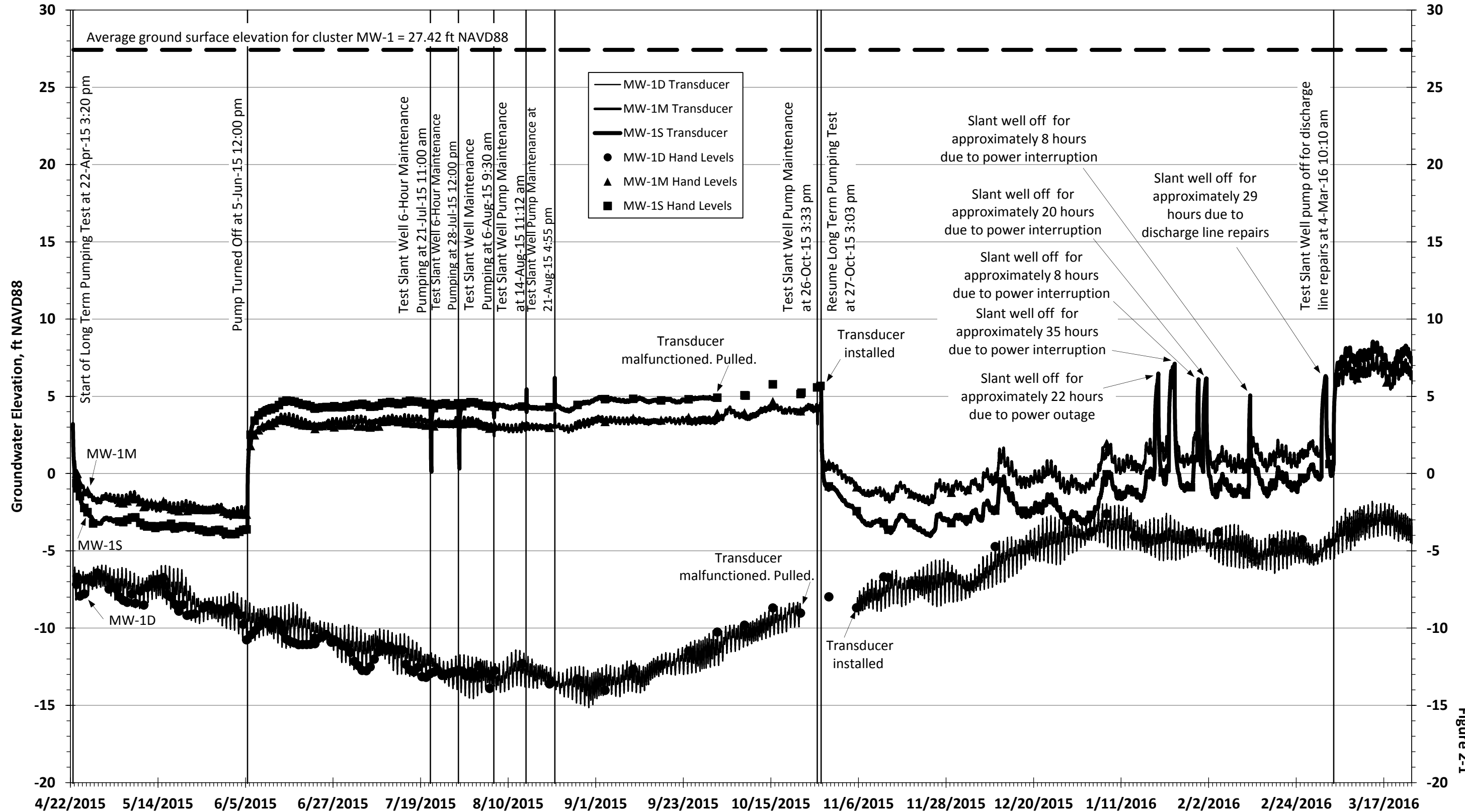


Figure 2-1

### Groundwater Elevation in MPWSP MW-3

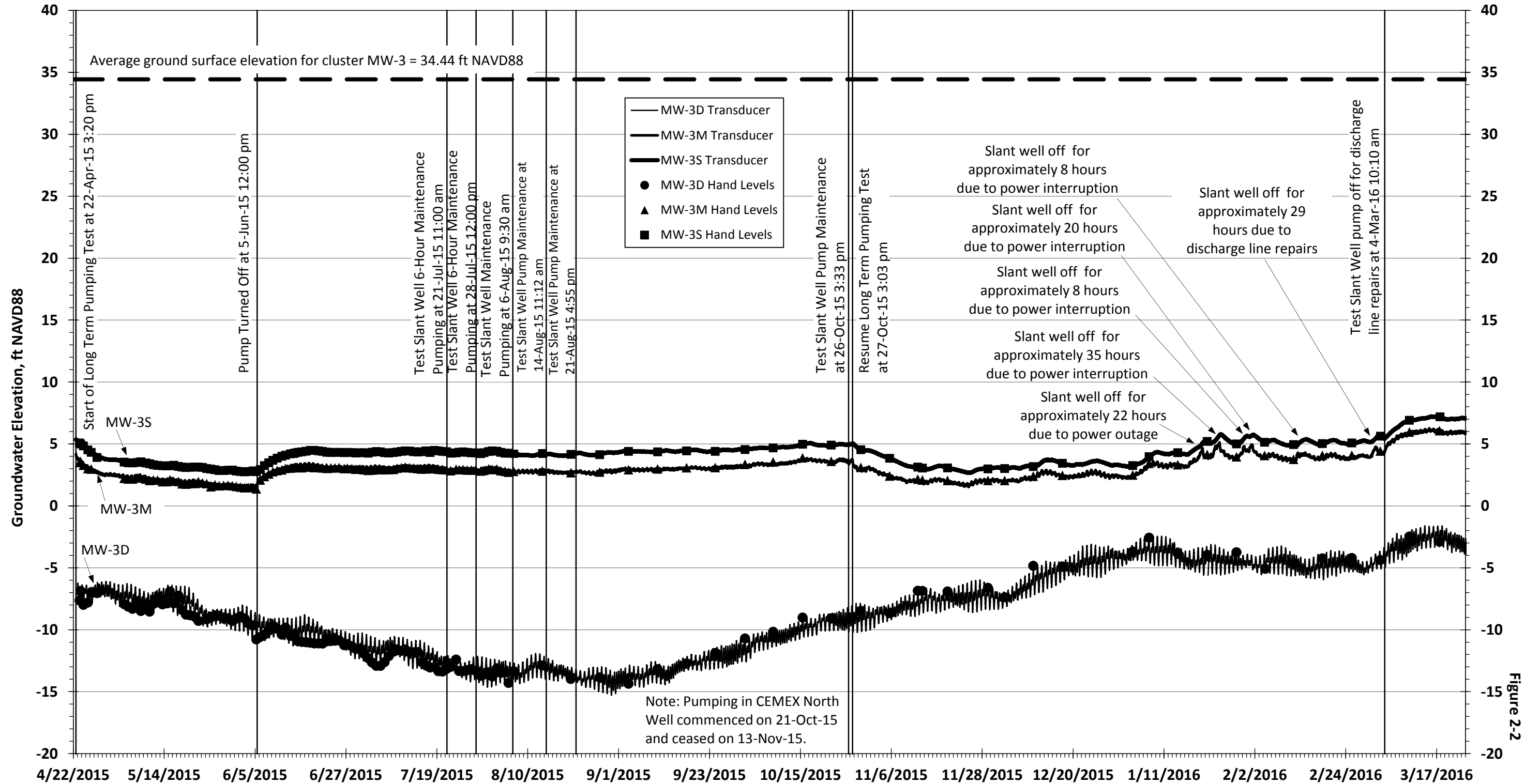


Figure 2-2



### Groundwater Elevation in MPWSP MW-4

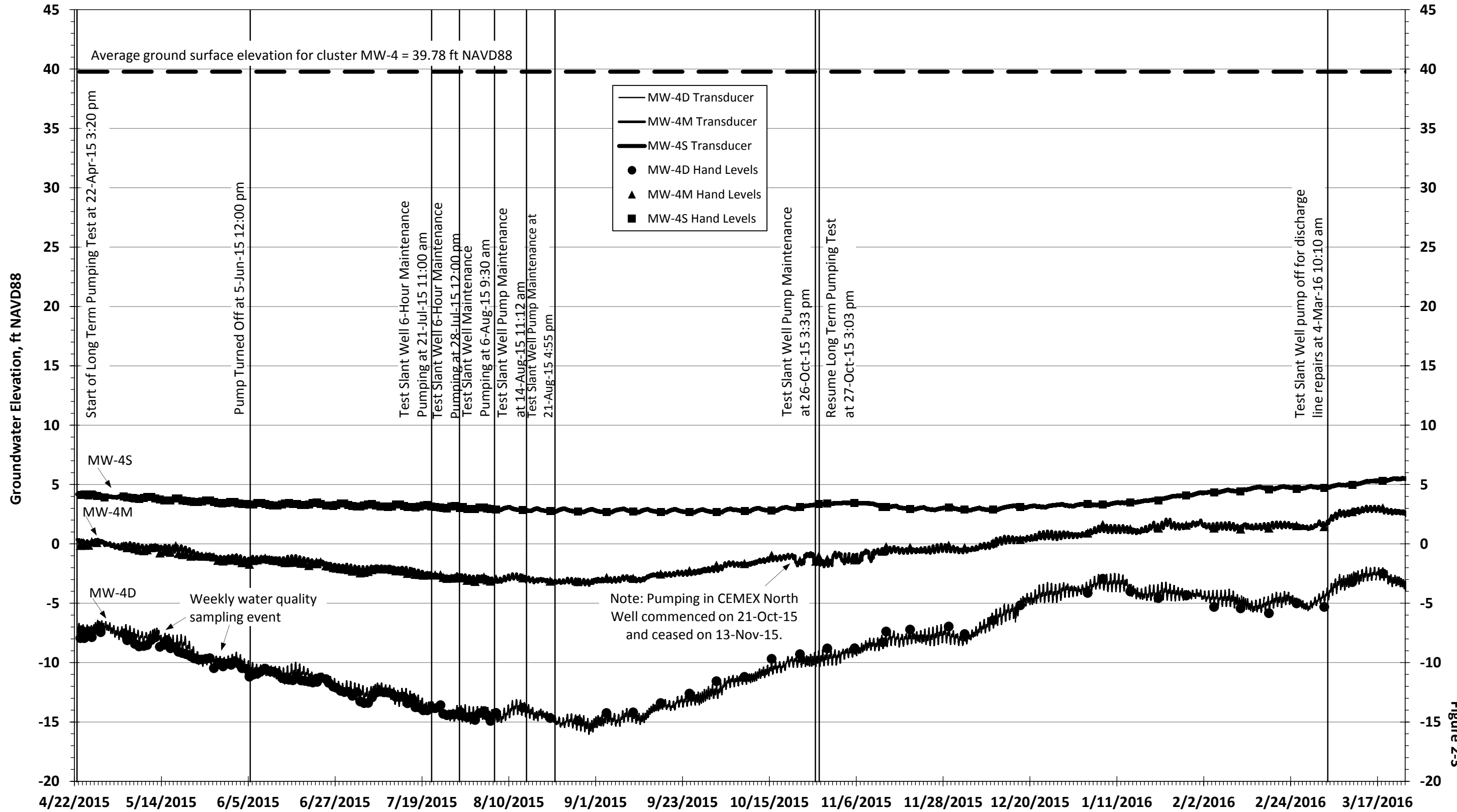


Figure 2-3

### Groundwater Elevation in MPWSP MW-5

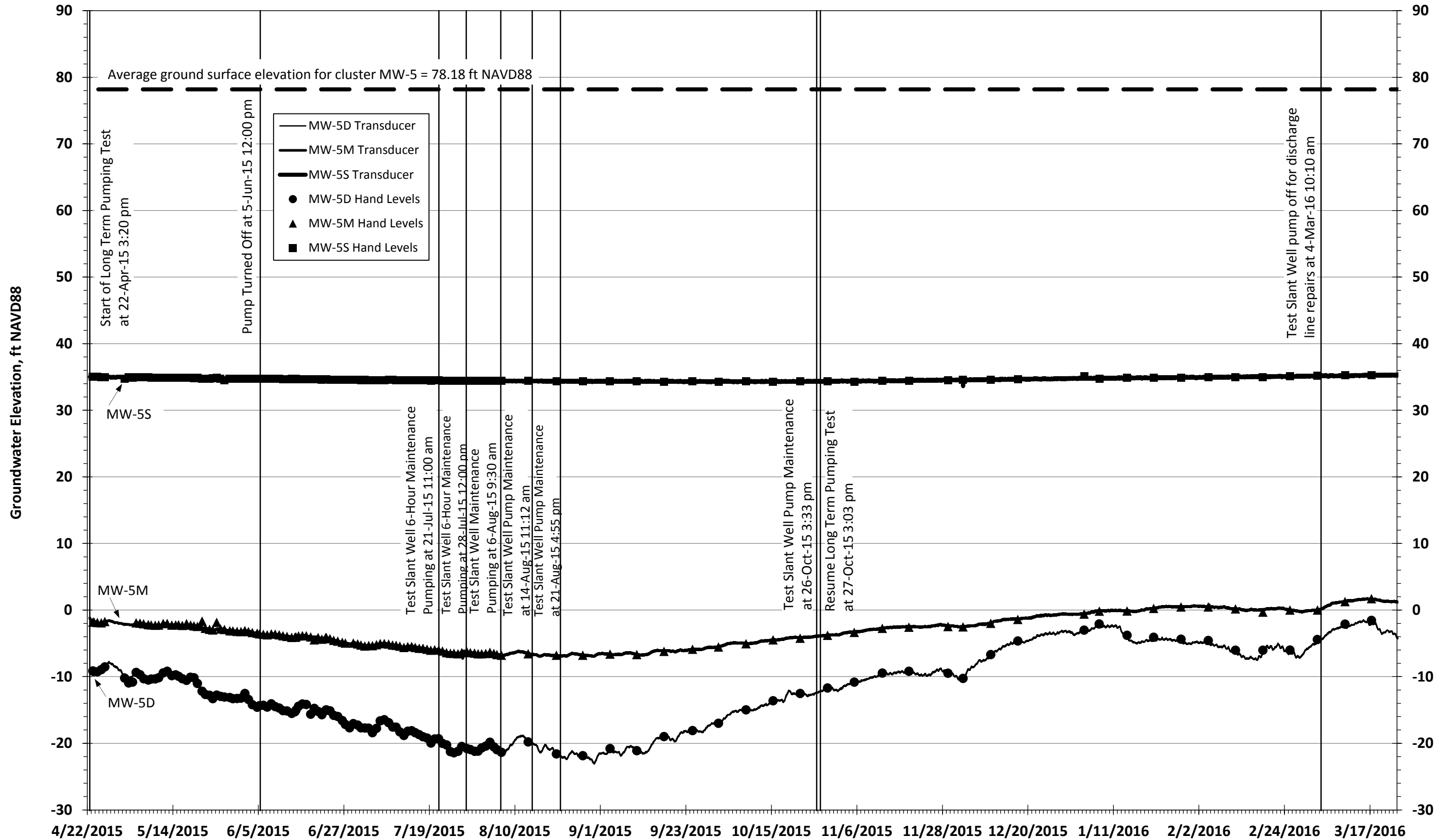


Figure 2-4

### Groundwater Elevation in MPWSP MW-6

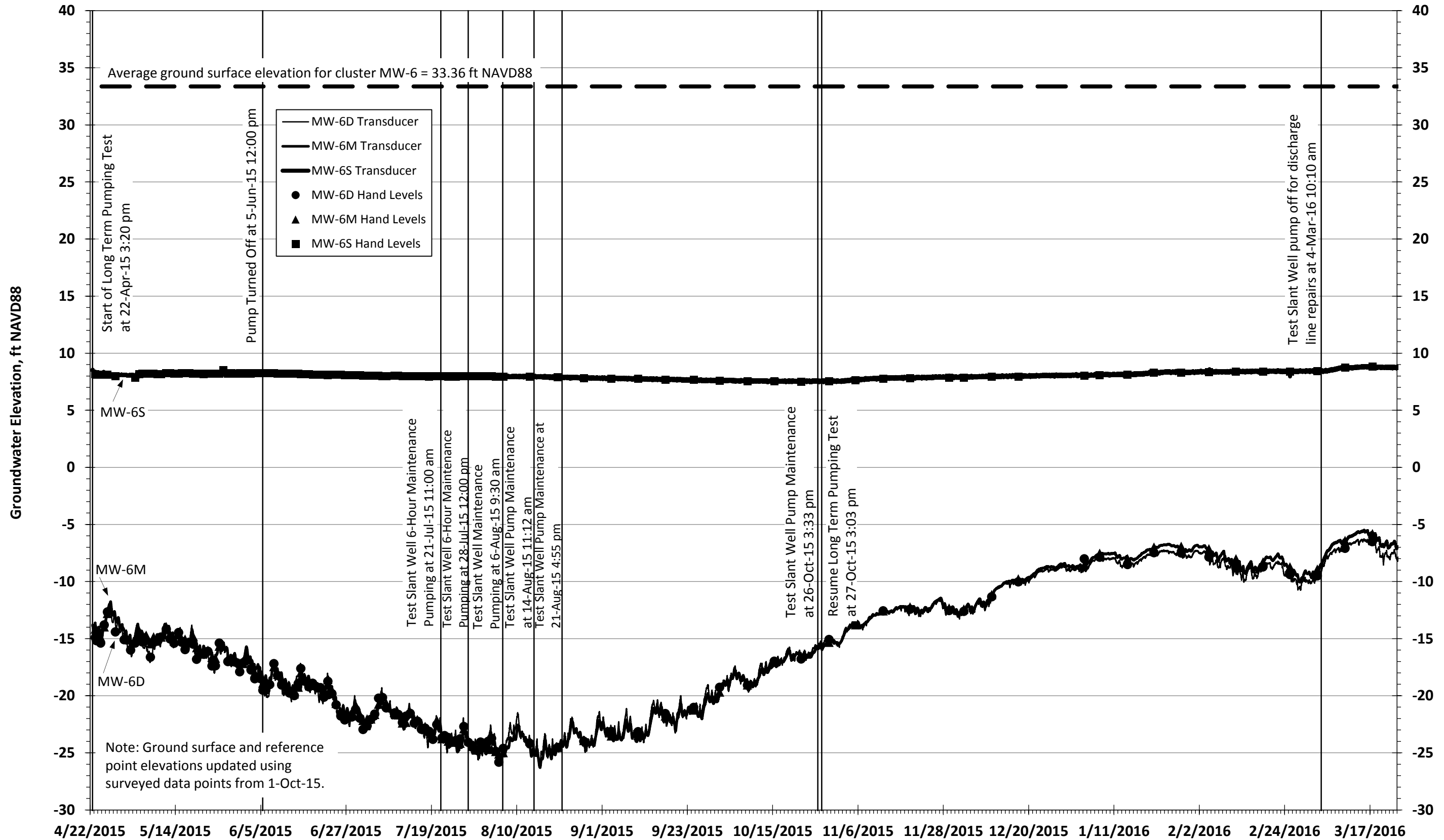


Figure 2-5

### Groundwater Elevation in MPWSP MW-7

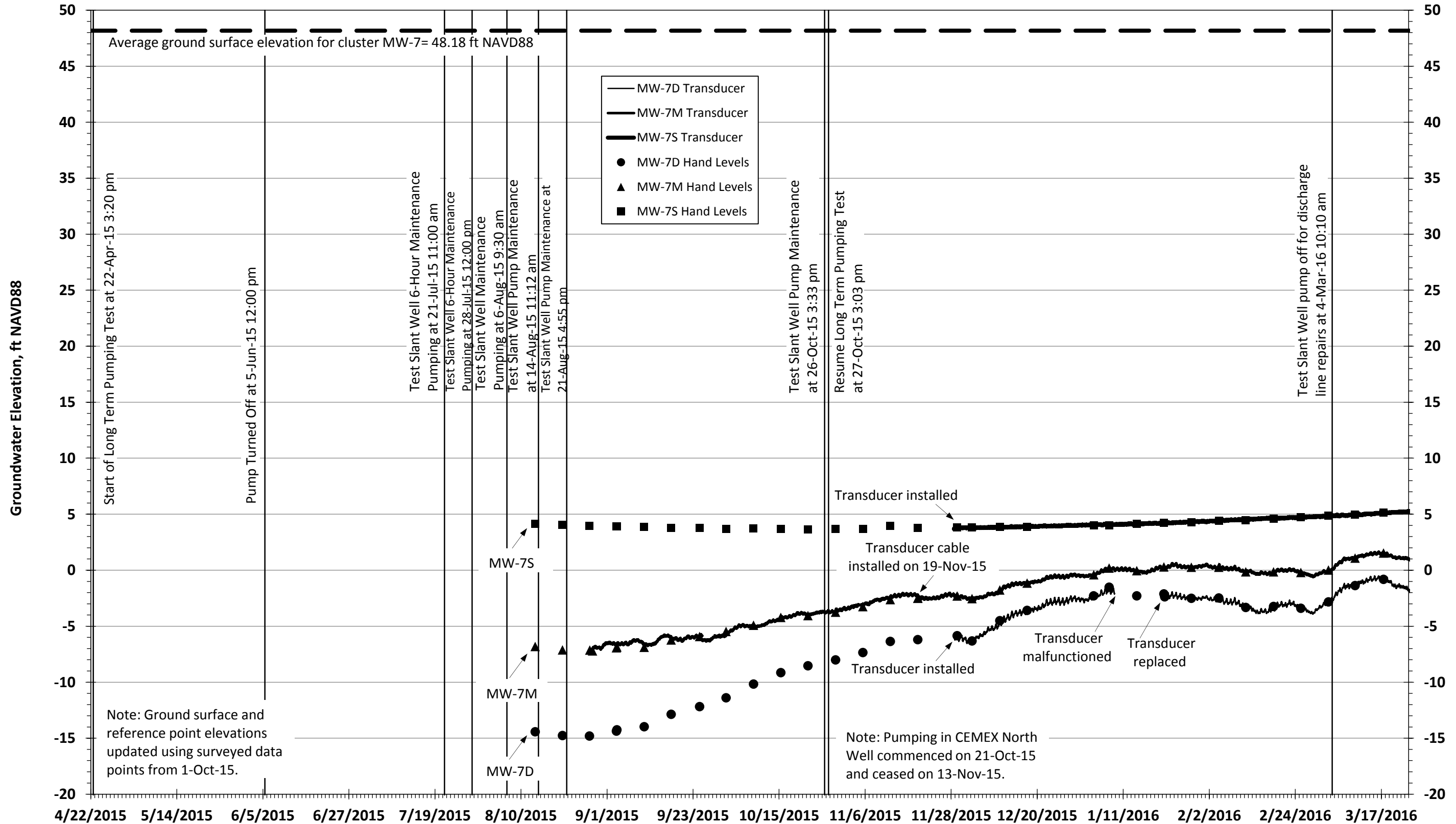


Figure 2-6

### Groundwater Elevation in MPWSP MW-8

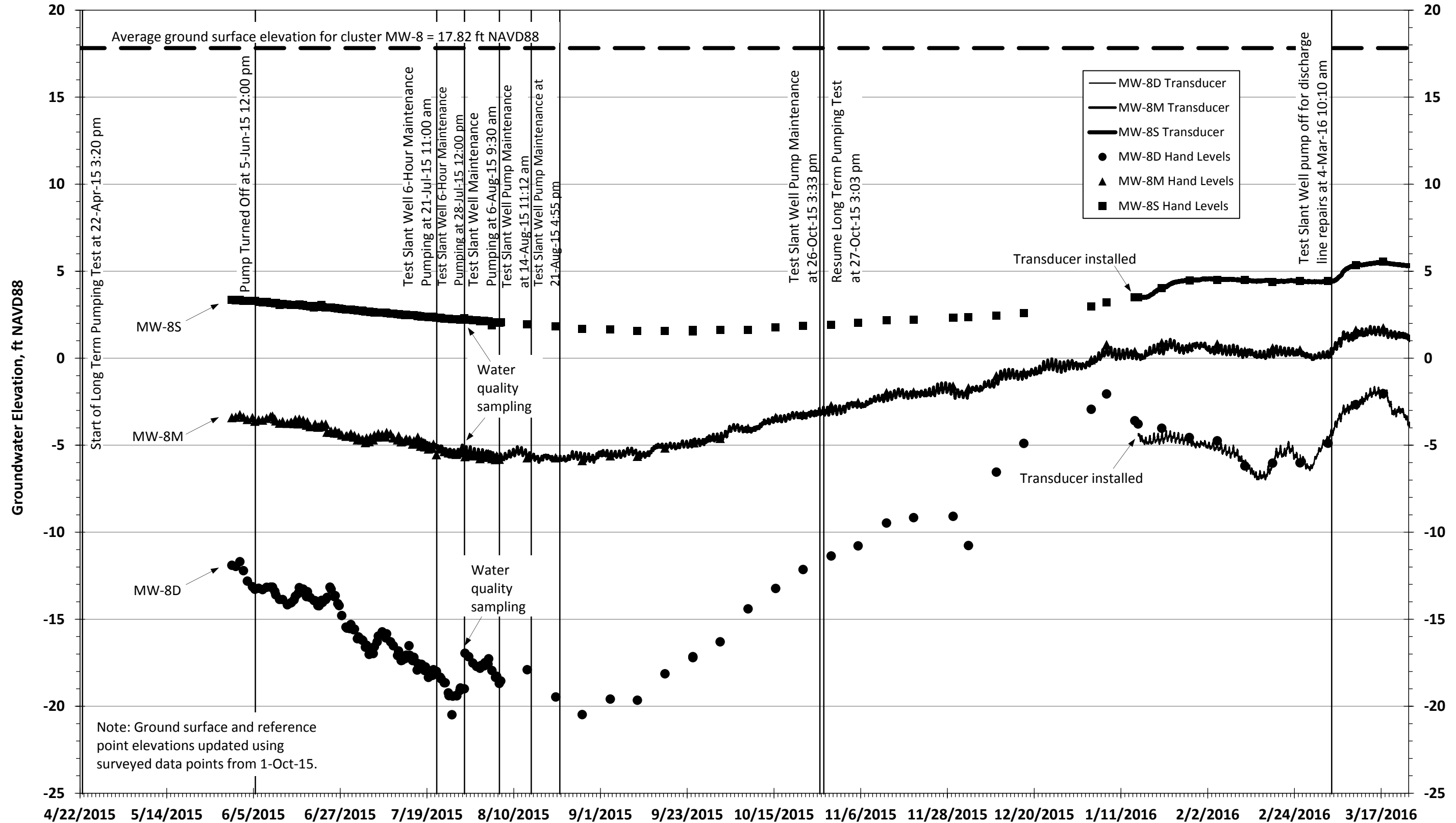
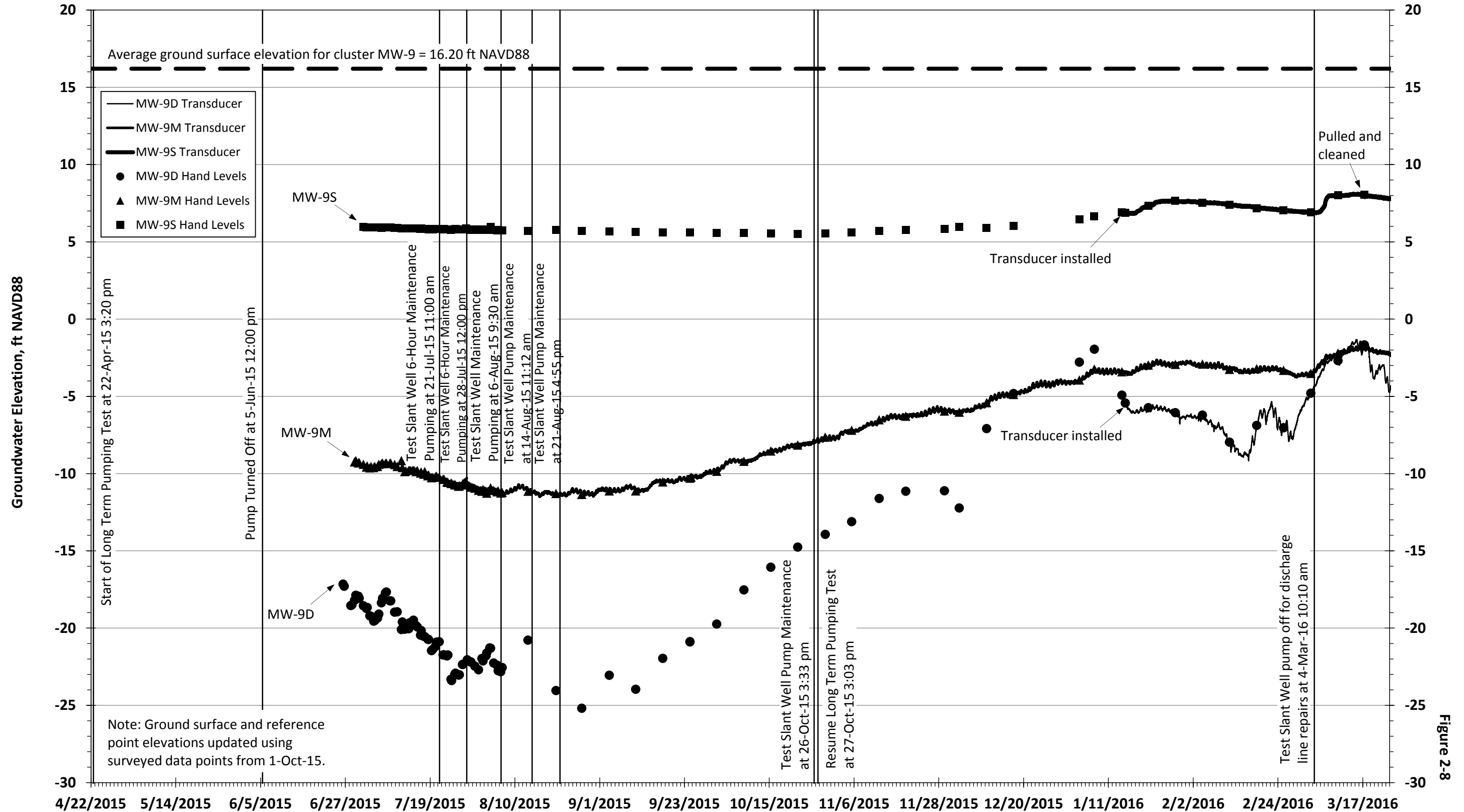


Figure 2-7

### Groundwater Elevation in MPWSP MW-9





### Groundwater Elevation in Monterey Regional Water Pollution Control Agency Wells

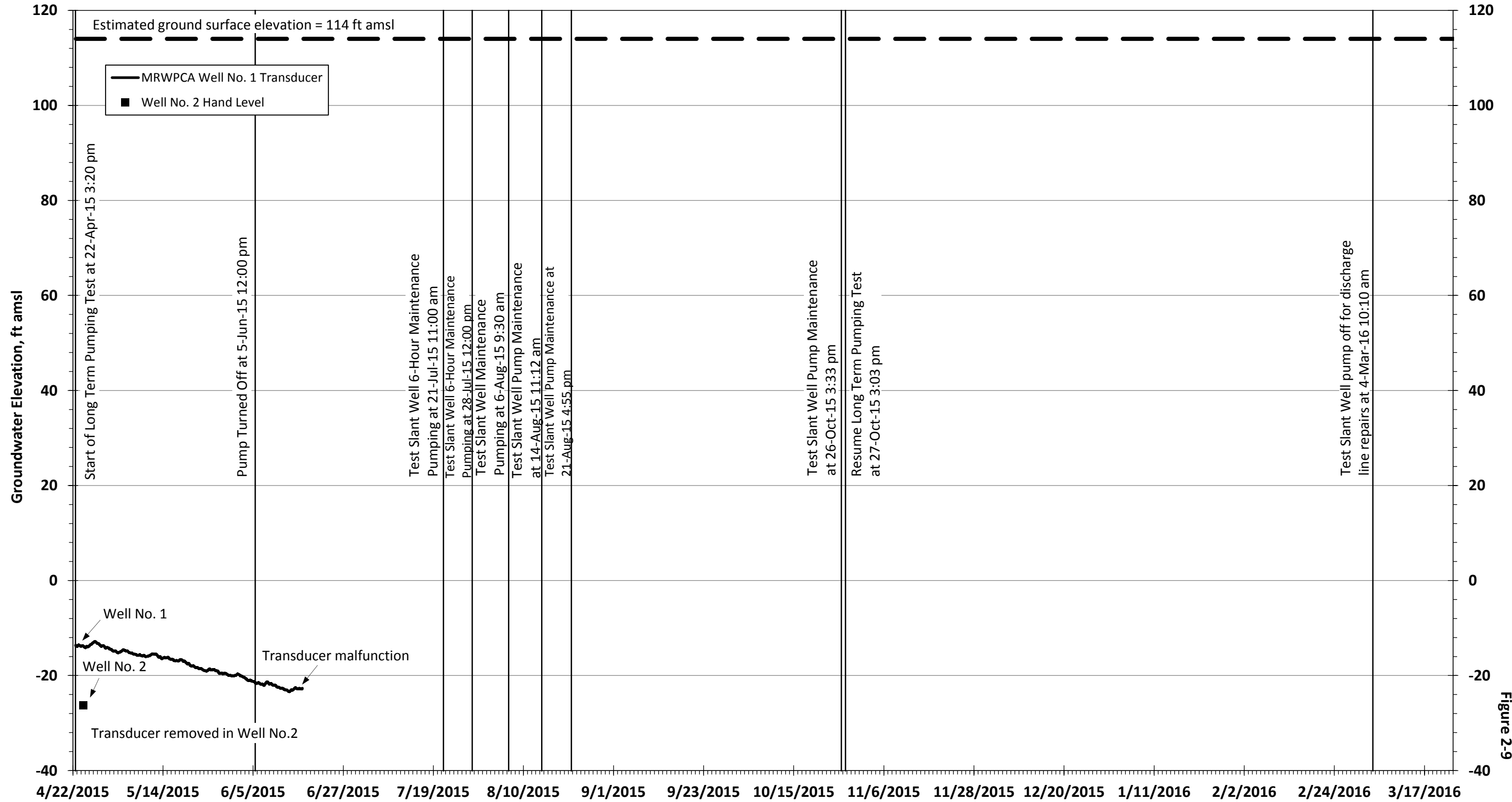


Figure 2-9

### Surface Water Elevation in CEMEX Dredge Pond

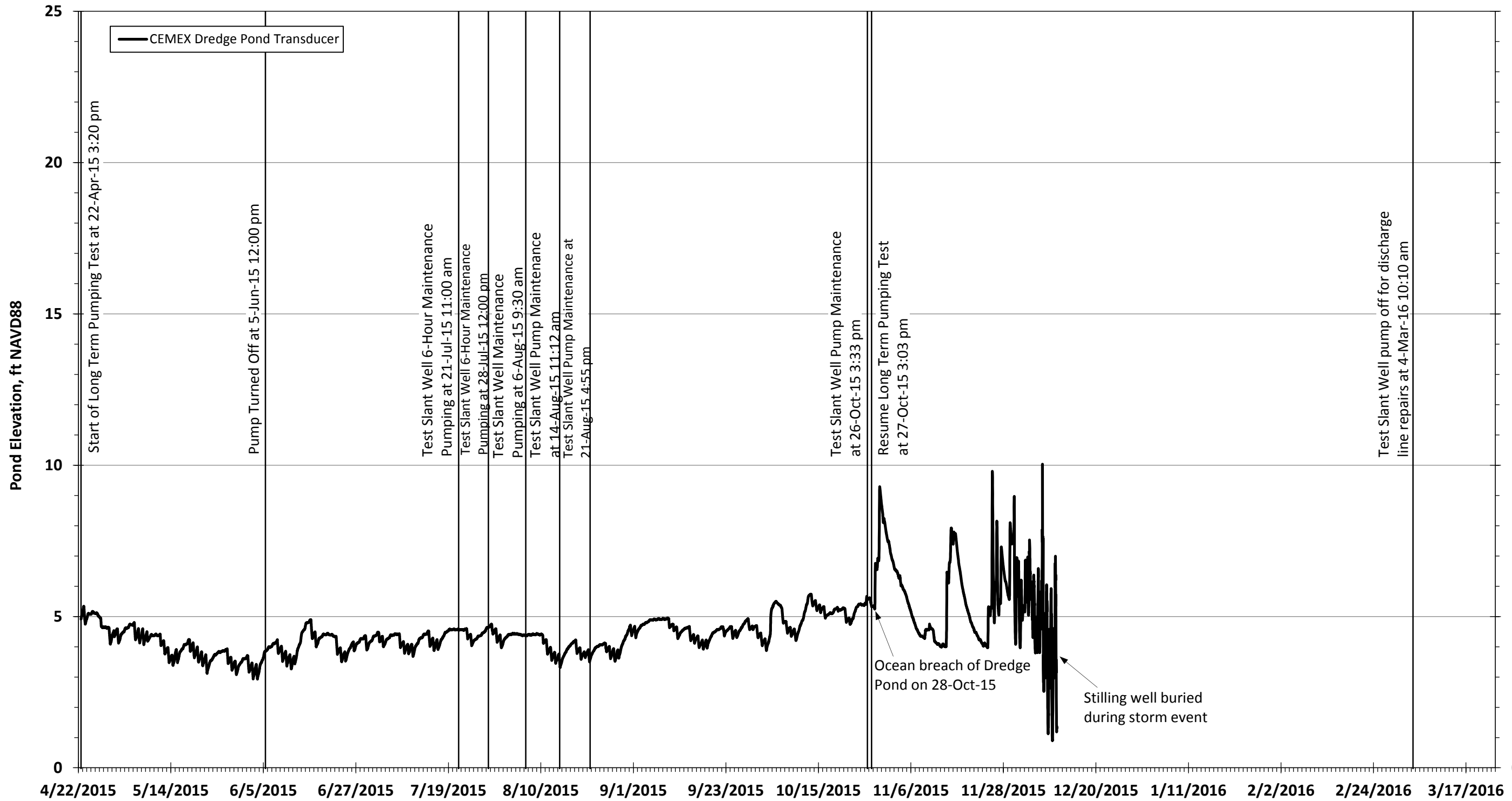


Figure 2-10

### Groundwater Elevation in CEMEX North Well

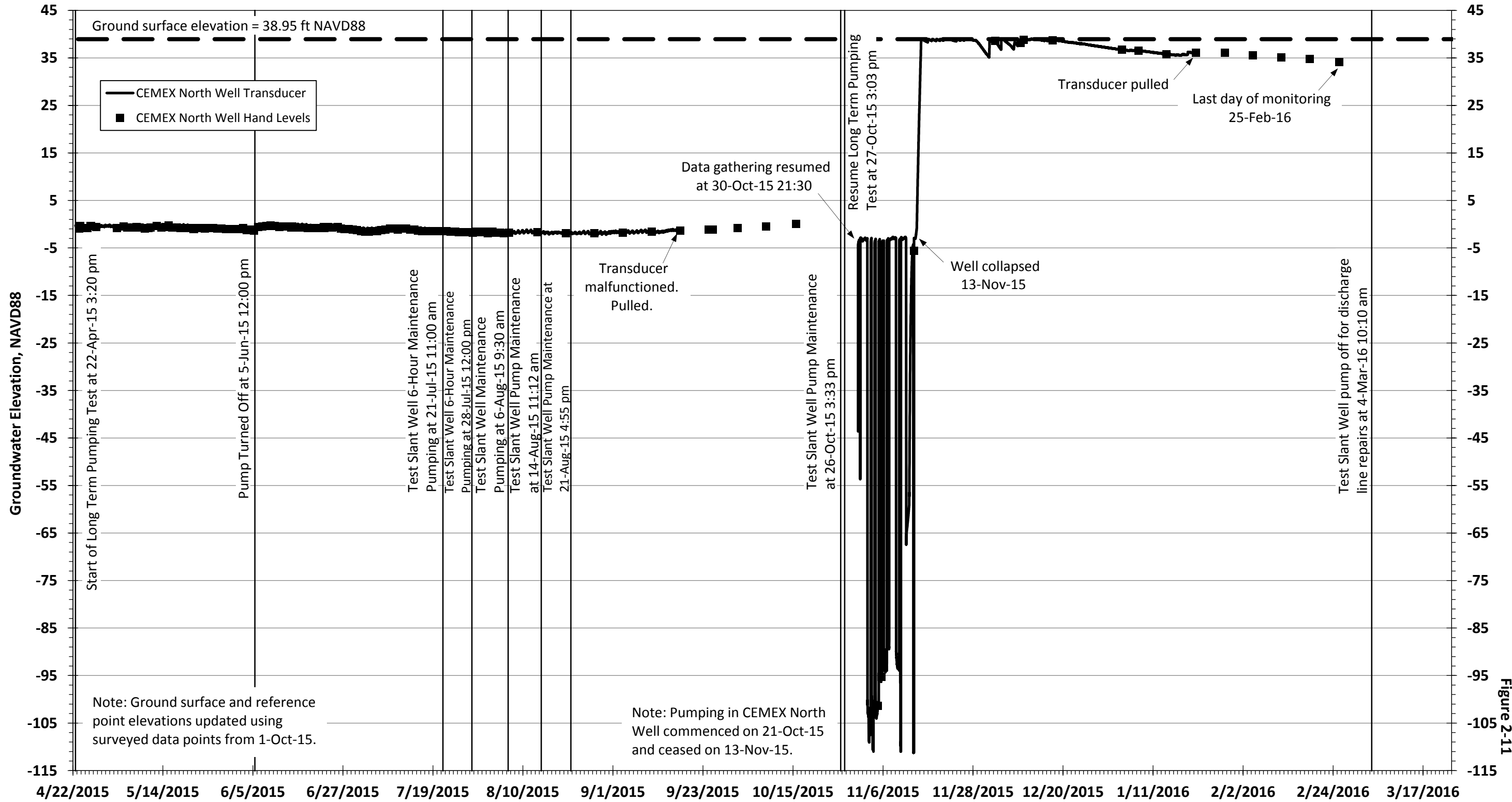


Figure 2-11

### Groundwater Elevation in MPWSP Test Slant Well

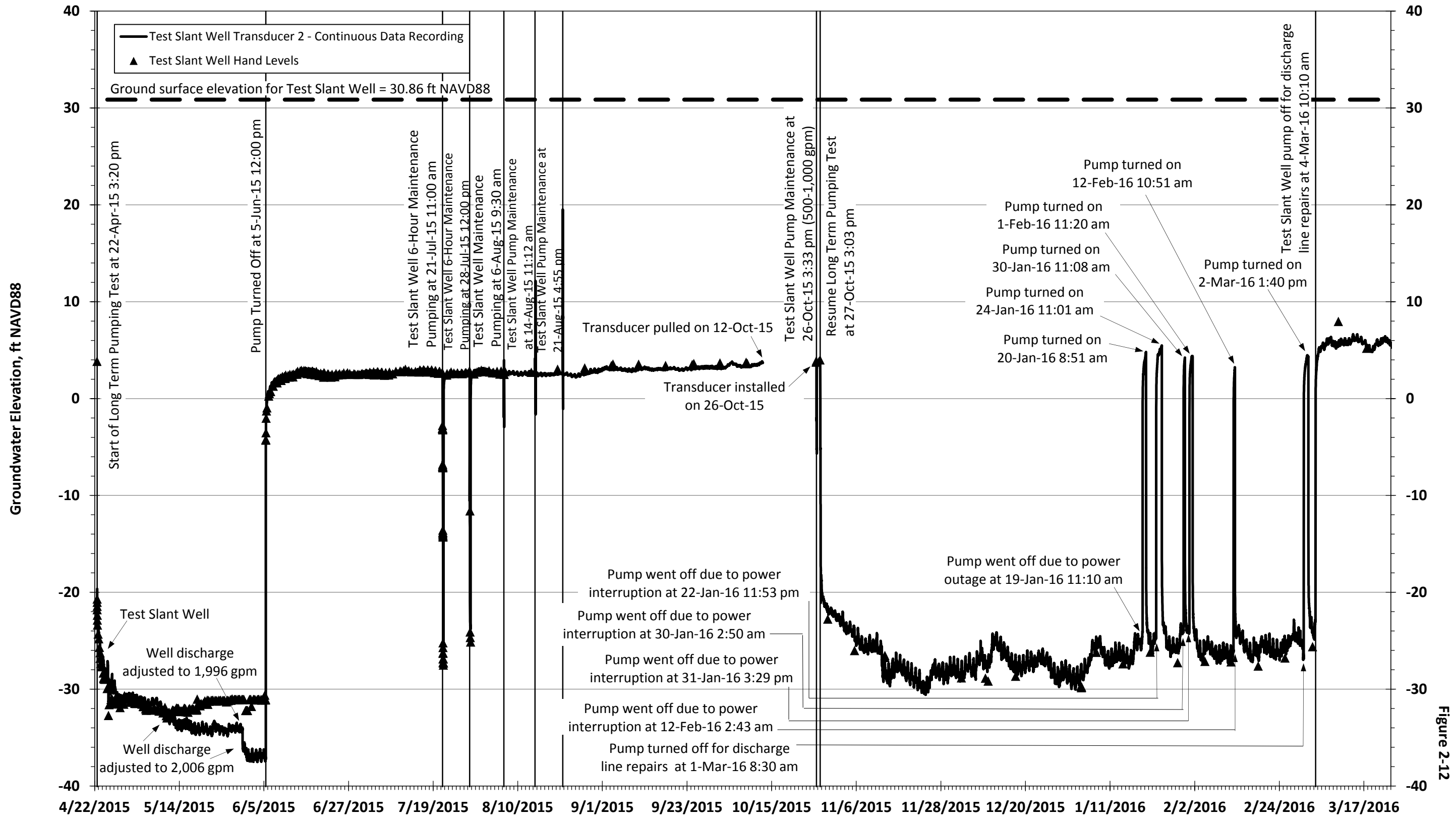


Figure 2-12

### Specific Conductivity in MPWSP MW-1

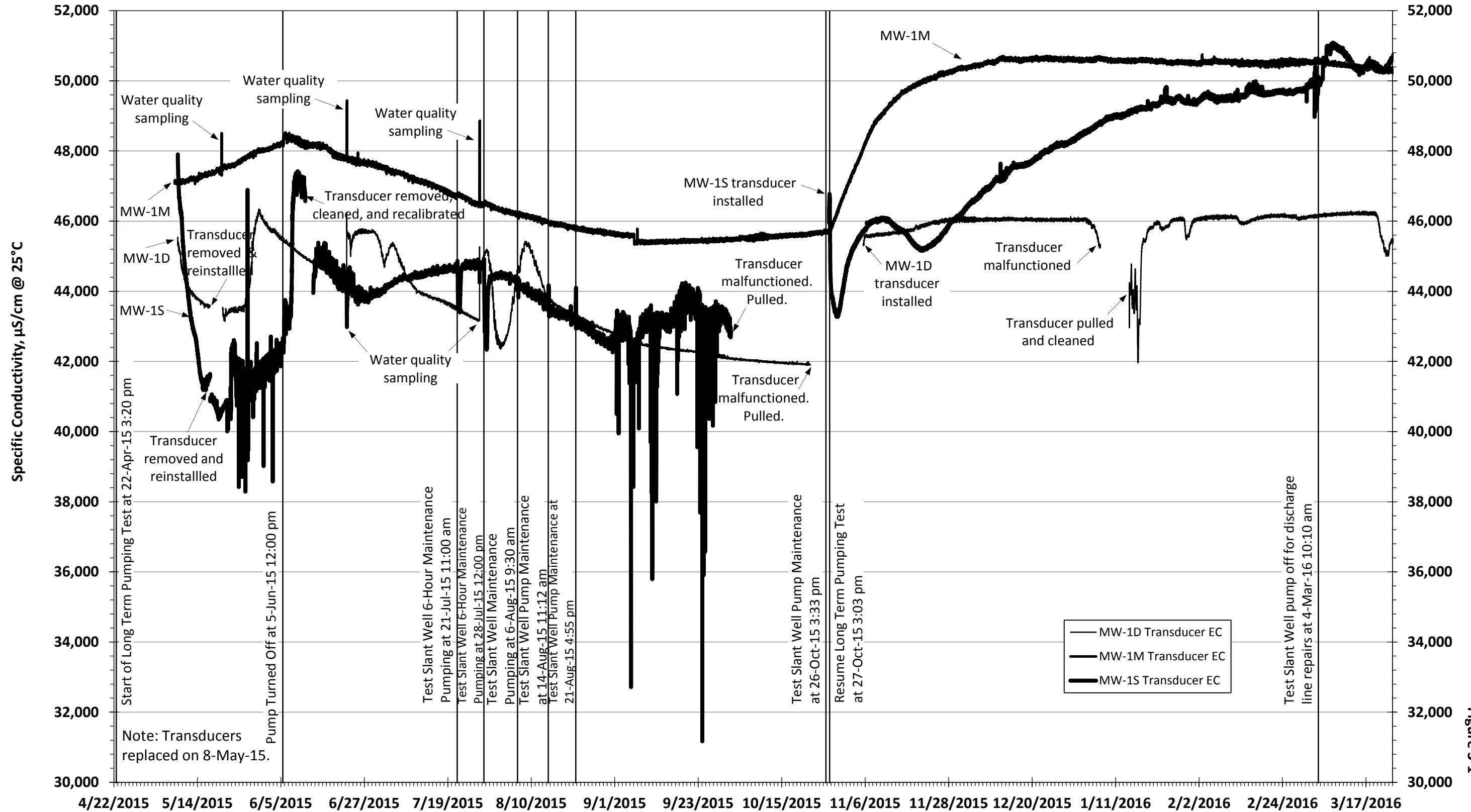


Figure 3-1

### Specific Conductivity in MPWSP MW-3

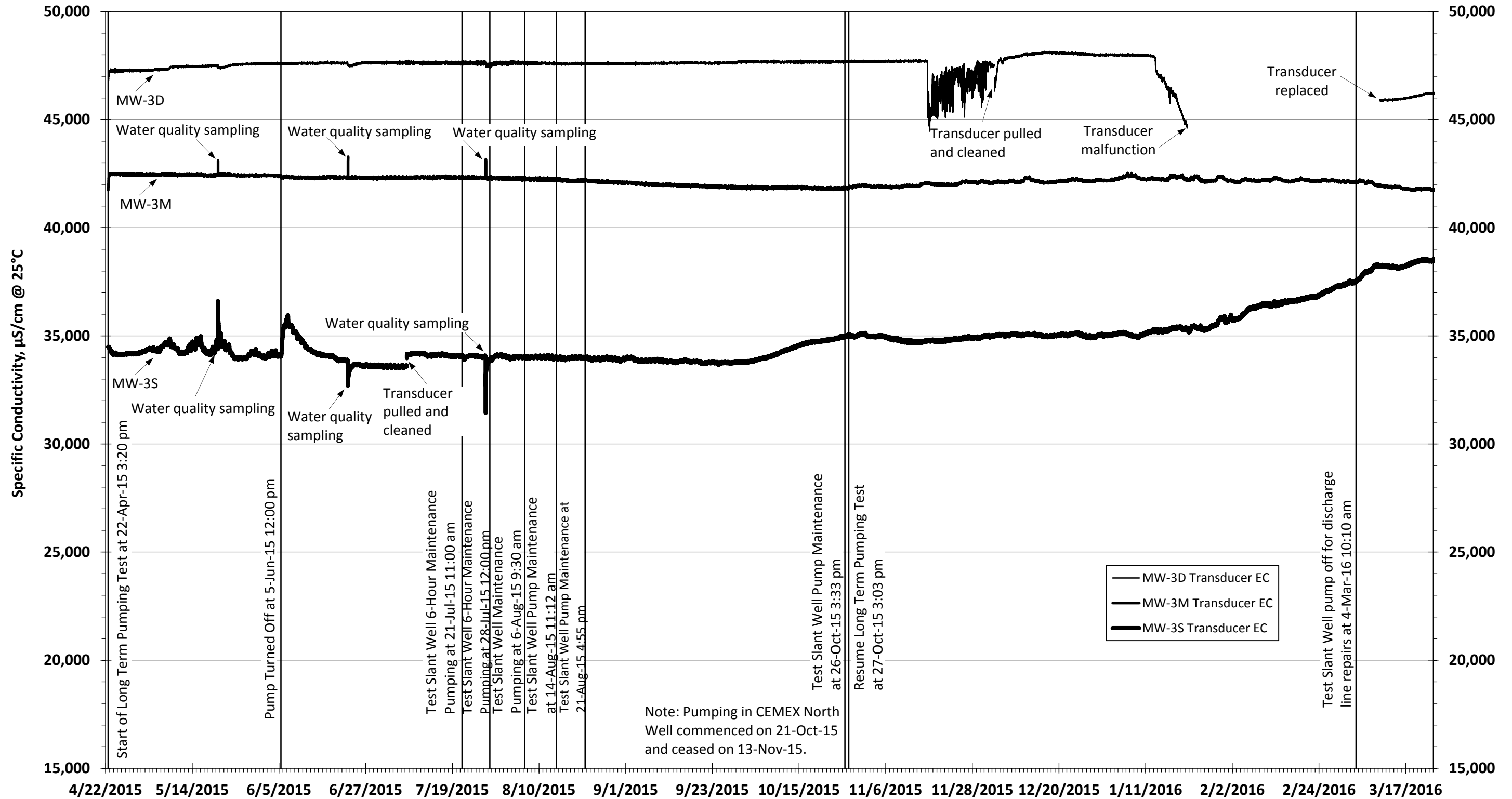


Figure 3-2

### Specific Conductivity in MPWSP MW-4

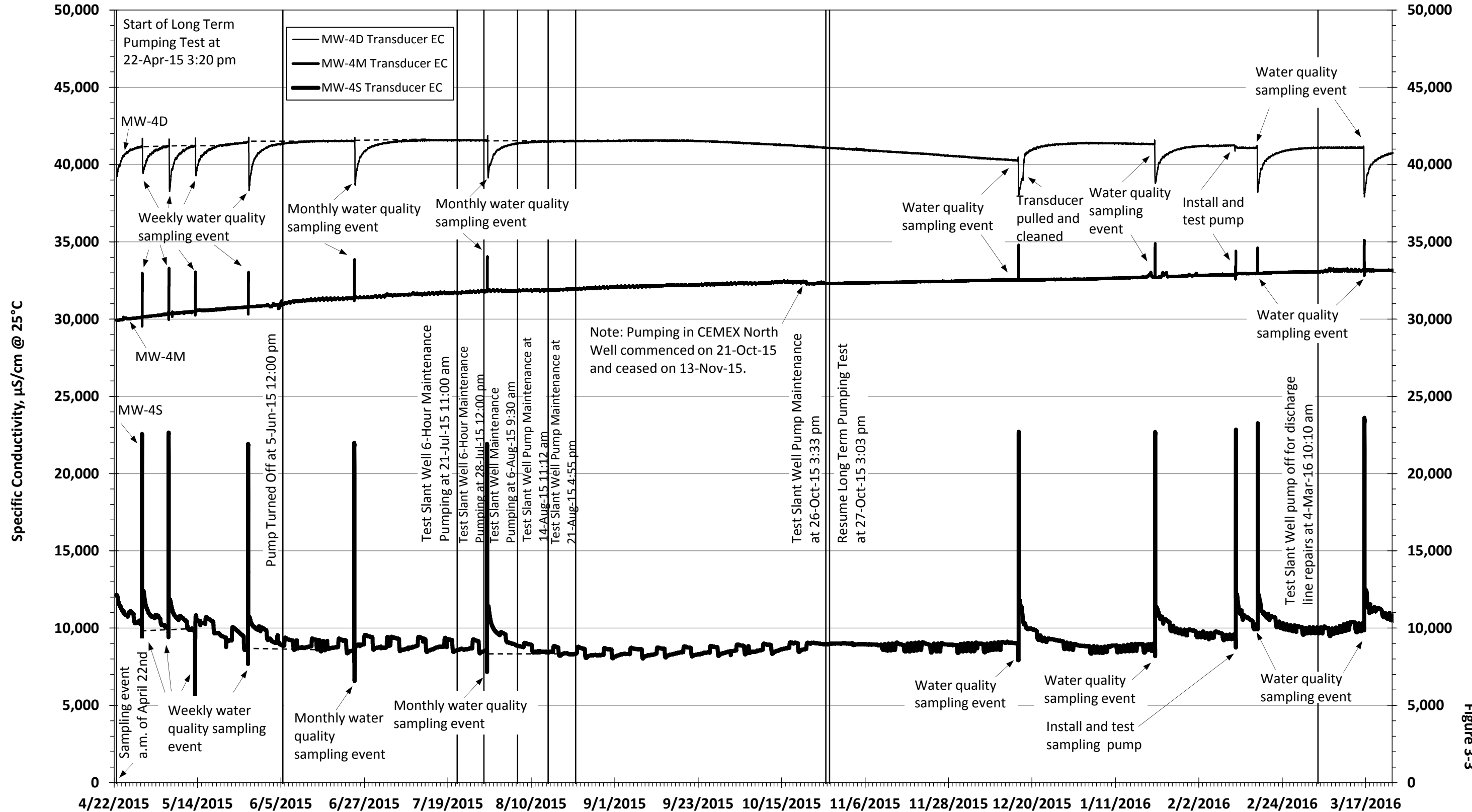


Figure 3-3



### Specific Conductivity in MPWSP MW-5

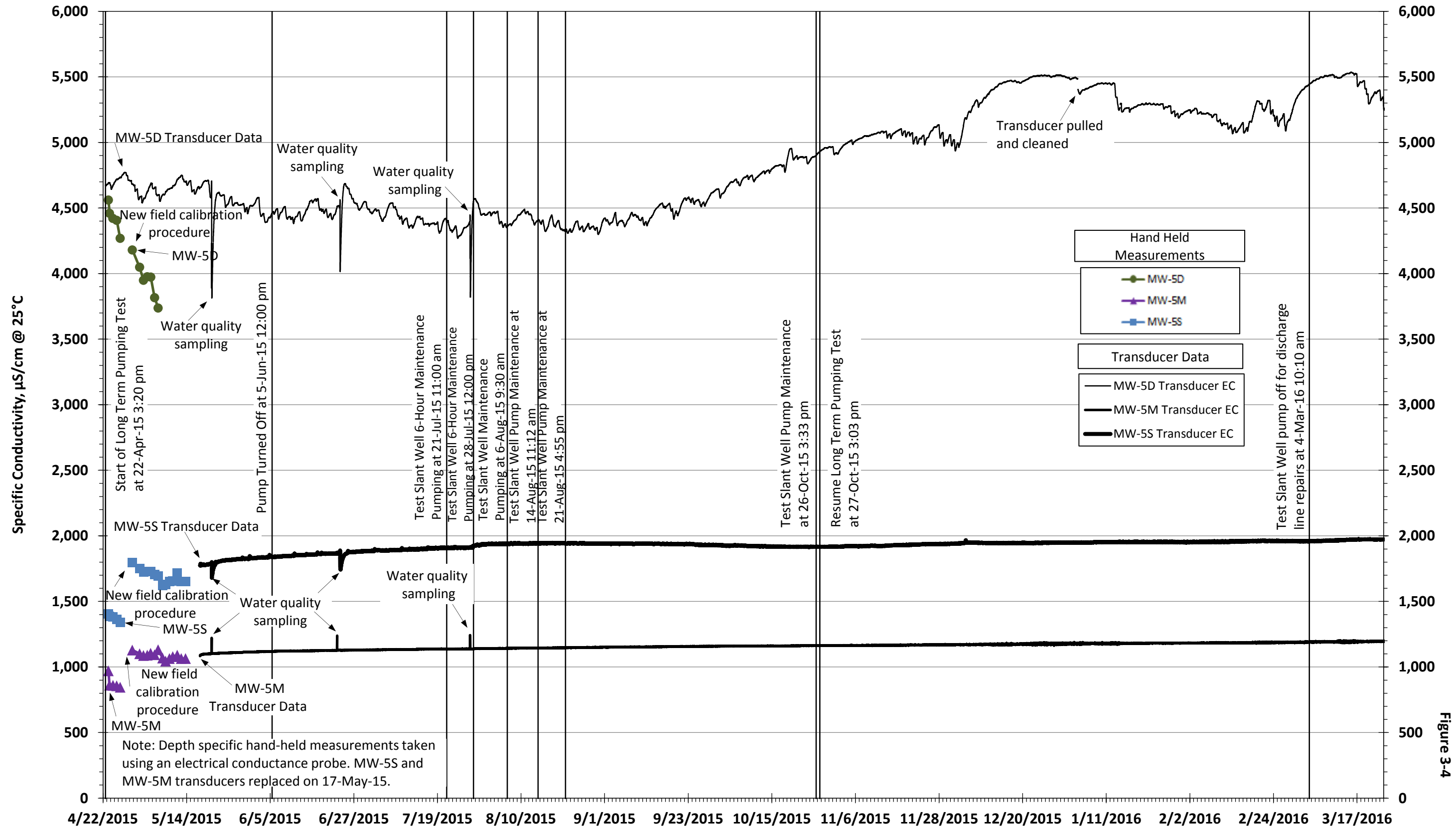


Figure 3-4

### Specific Conductivity in MPWSP MW-6

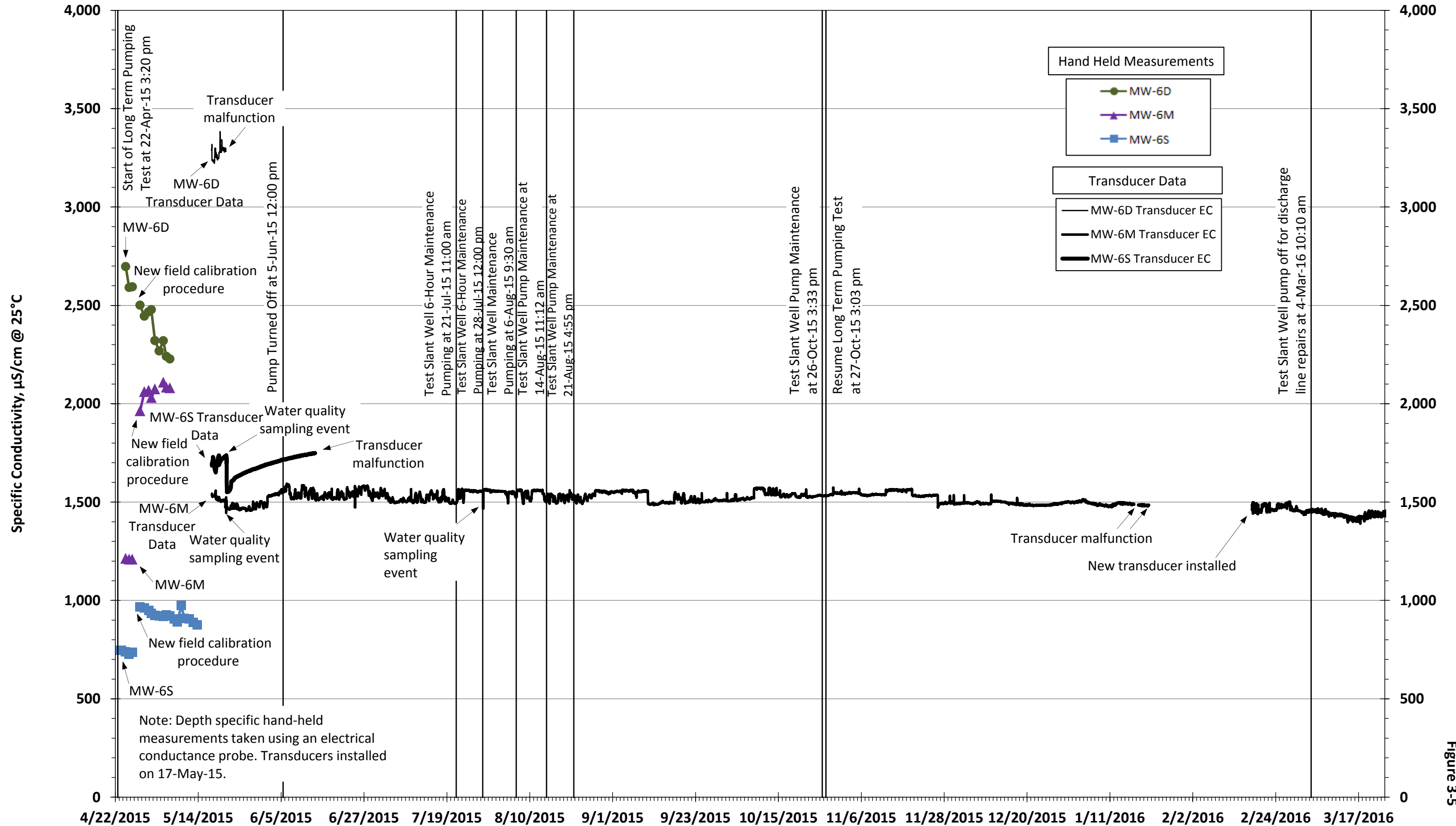


Figure 3-5

### Specific Conductivity in MPWSP MW-7

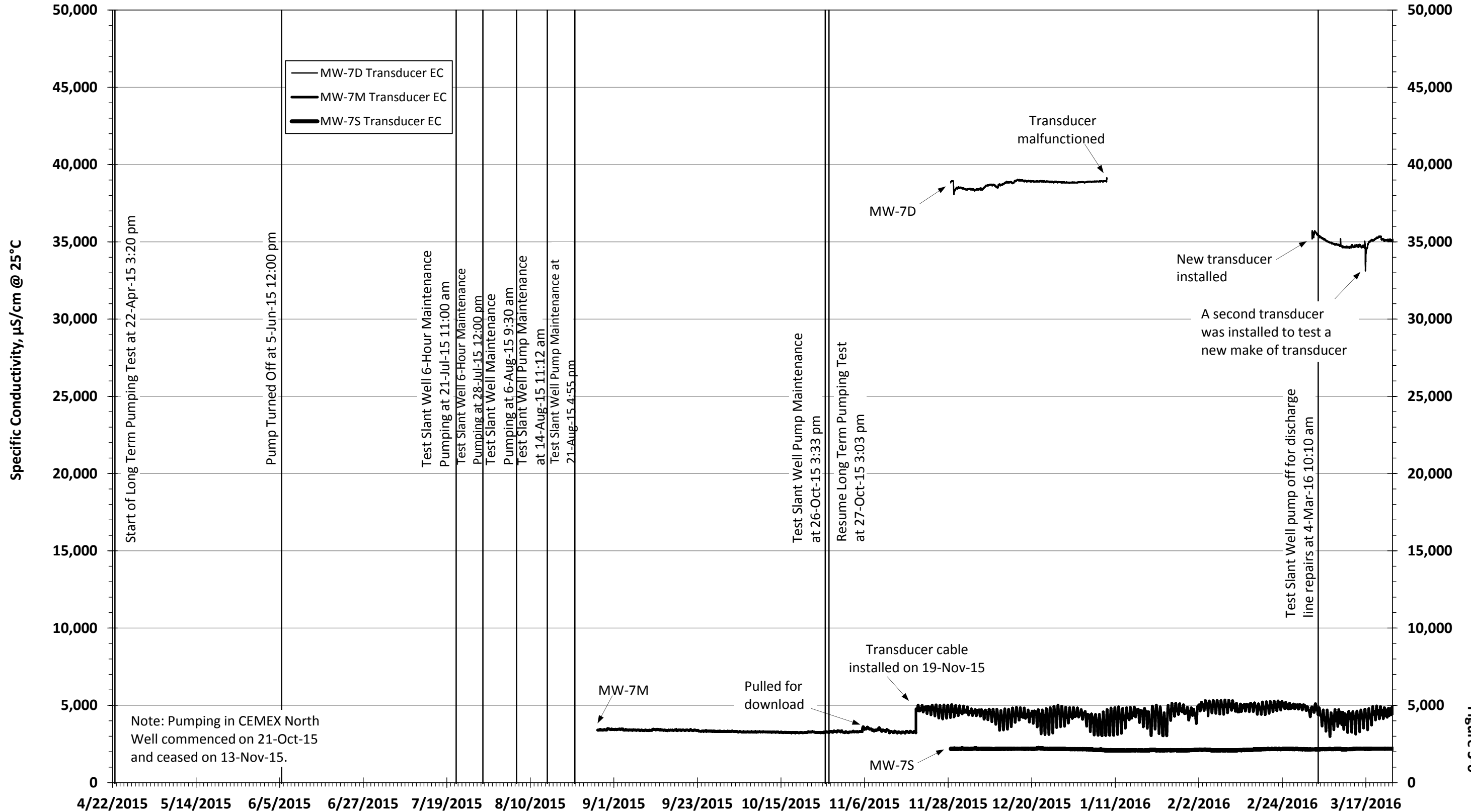


Figure 3-6

### Specific Conductivity in MPWSP MW-8

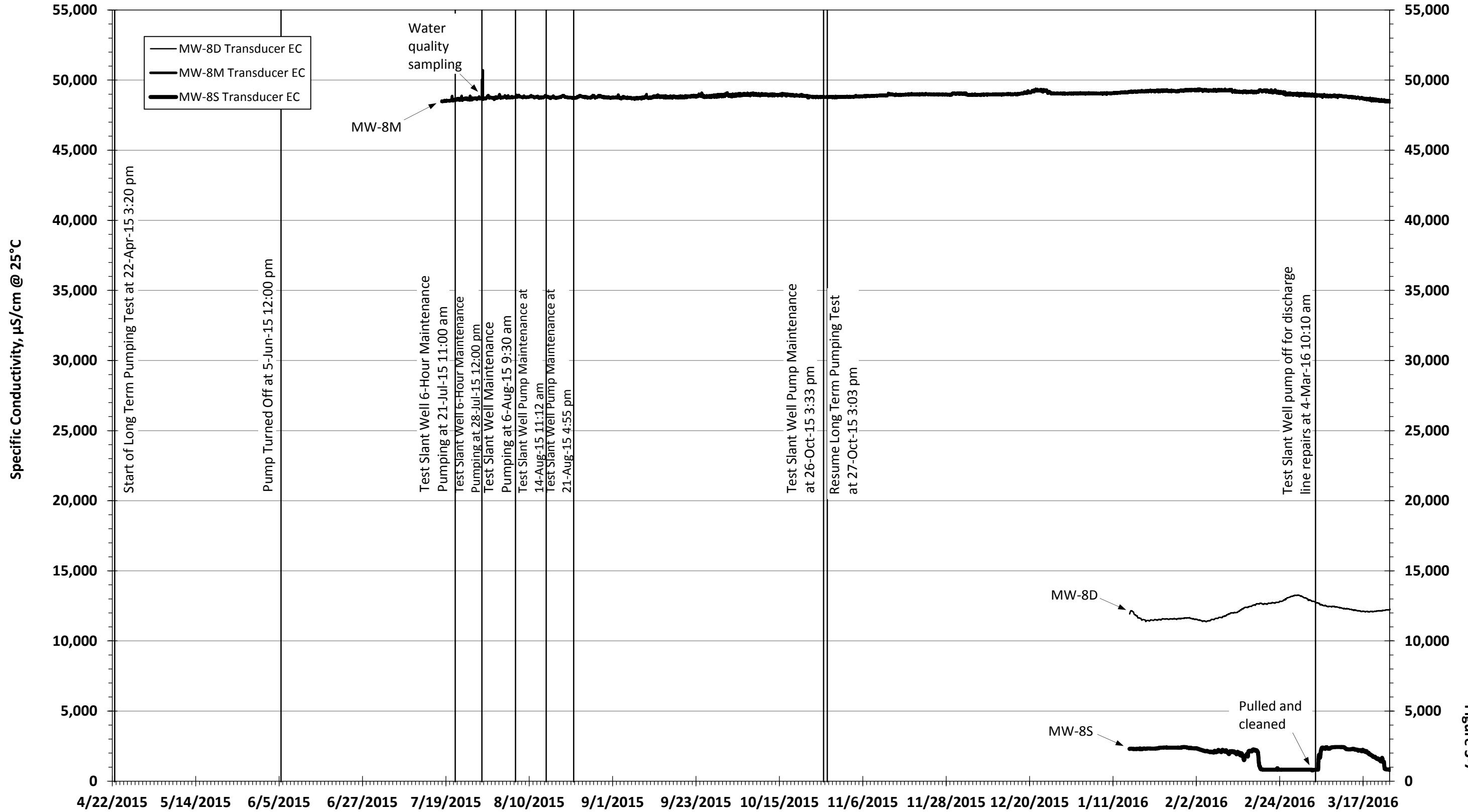


Figure 3-7

### Specific Conductivity in MPWSP MW-9

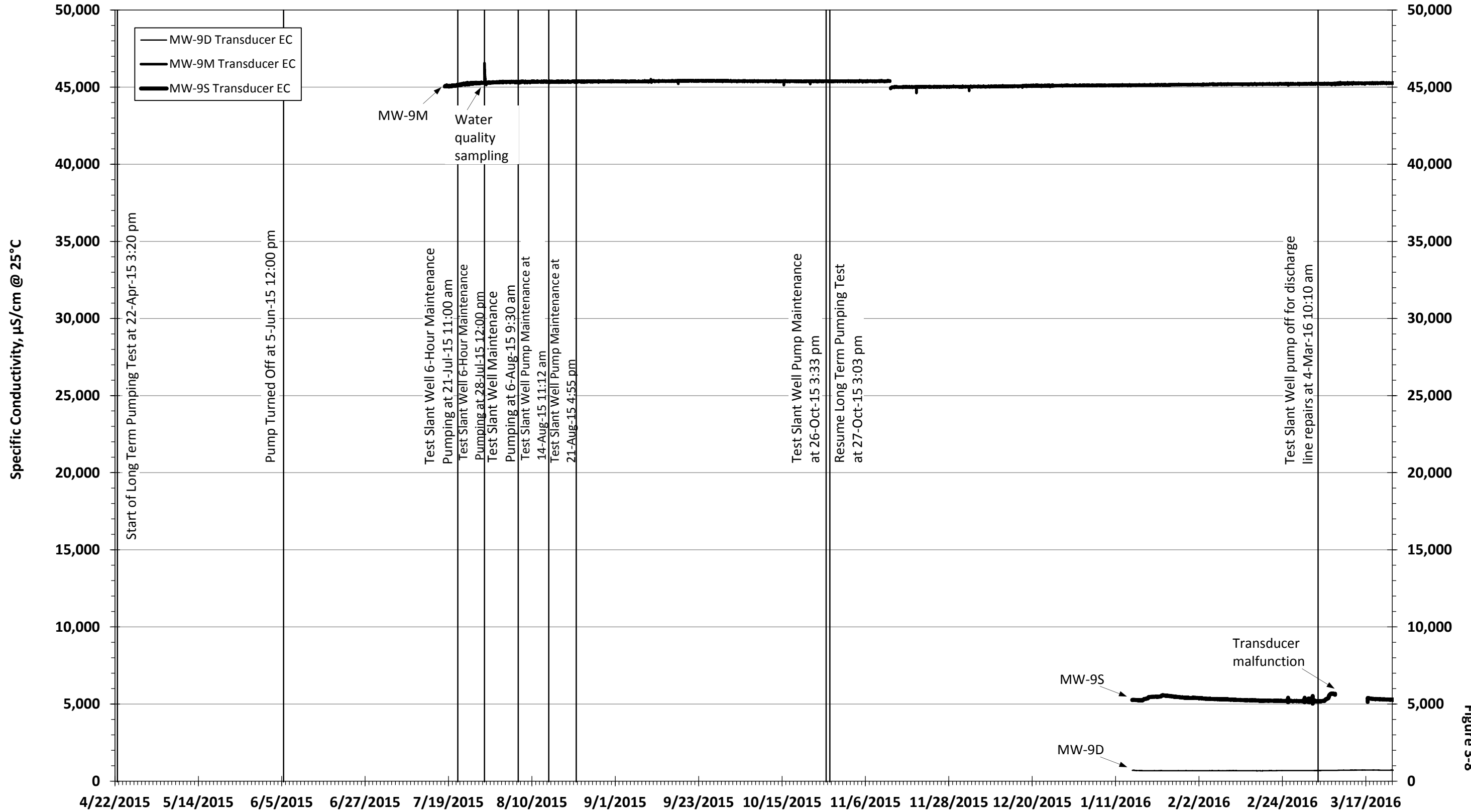


Figure 3-8

### Specific Conductivity in Monterey Regional Water Pollution Control Agency Wells

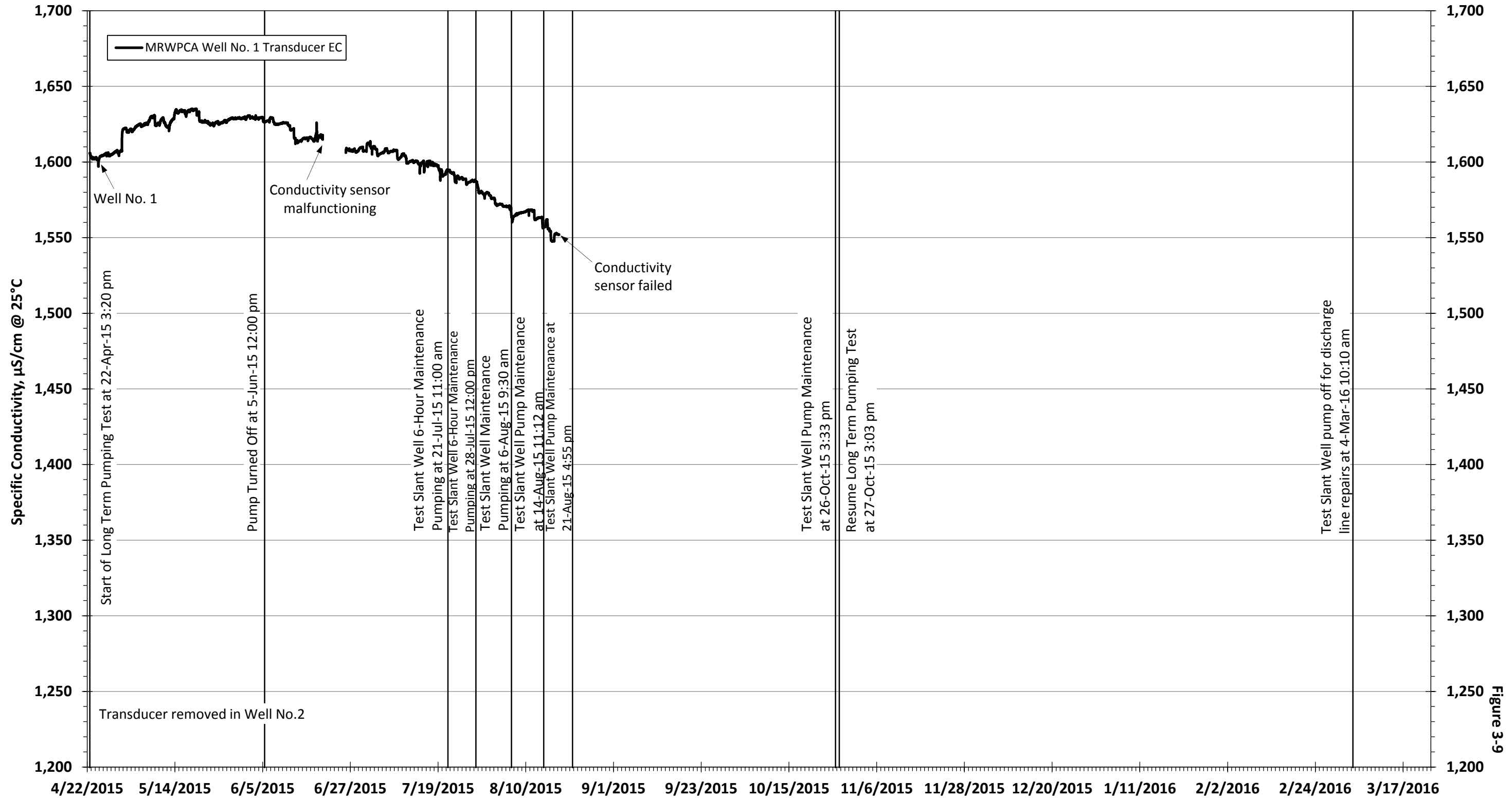


Figure 3-9

### Specific Conductivity in CEMEX Dredge Pond

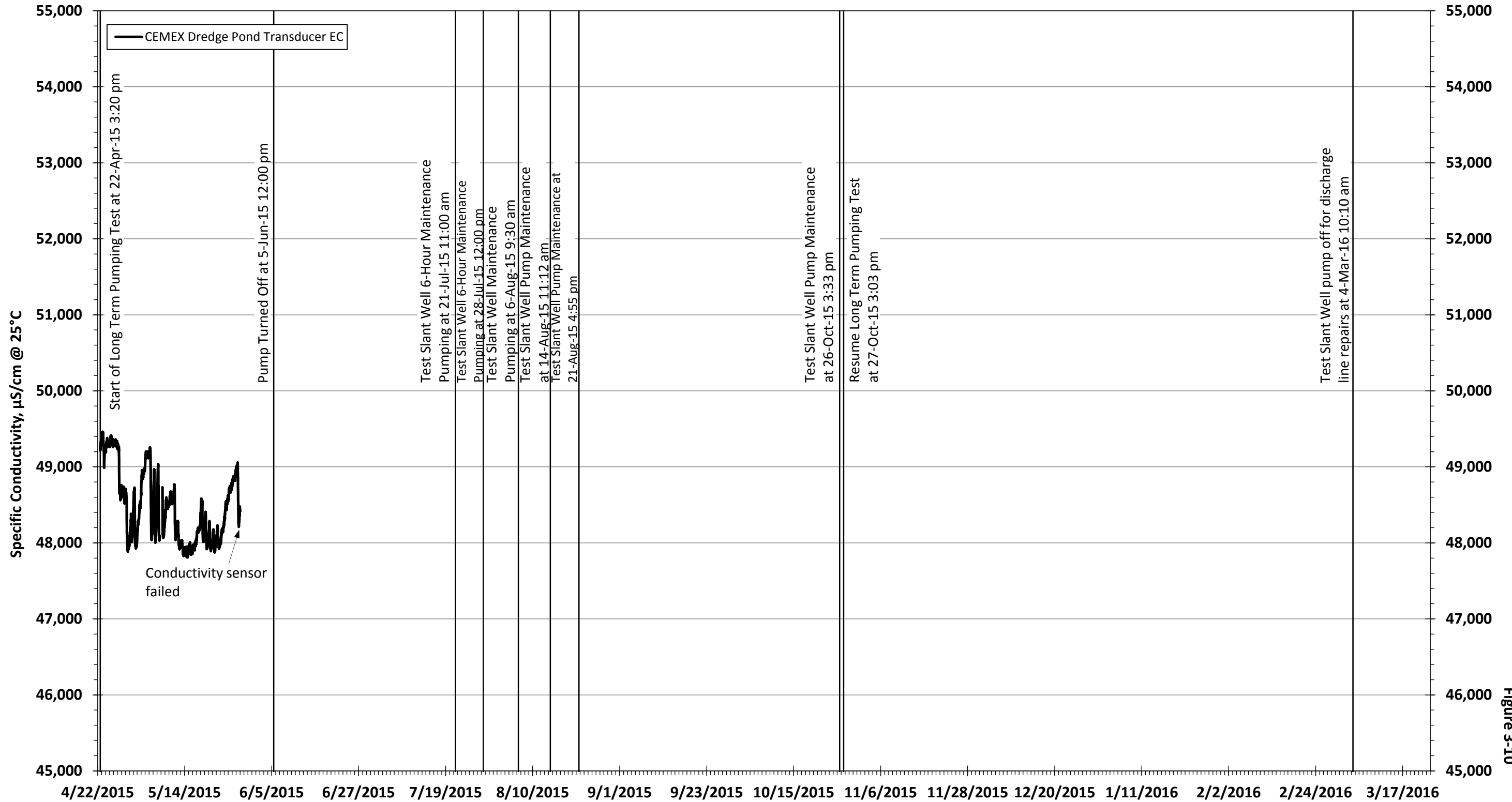


Figure 3-10



### Specific Conductivity in CEMEX North Well

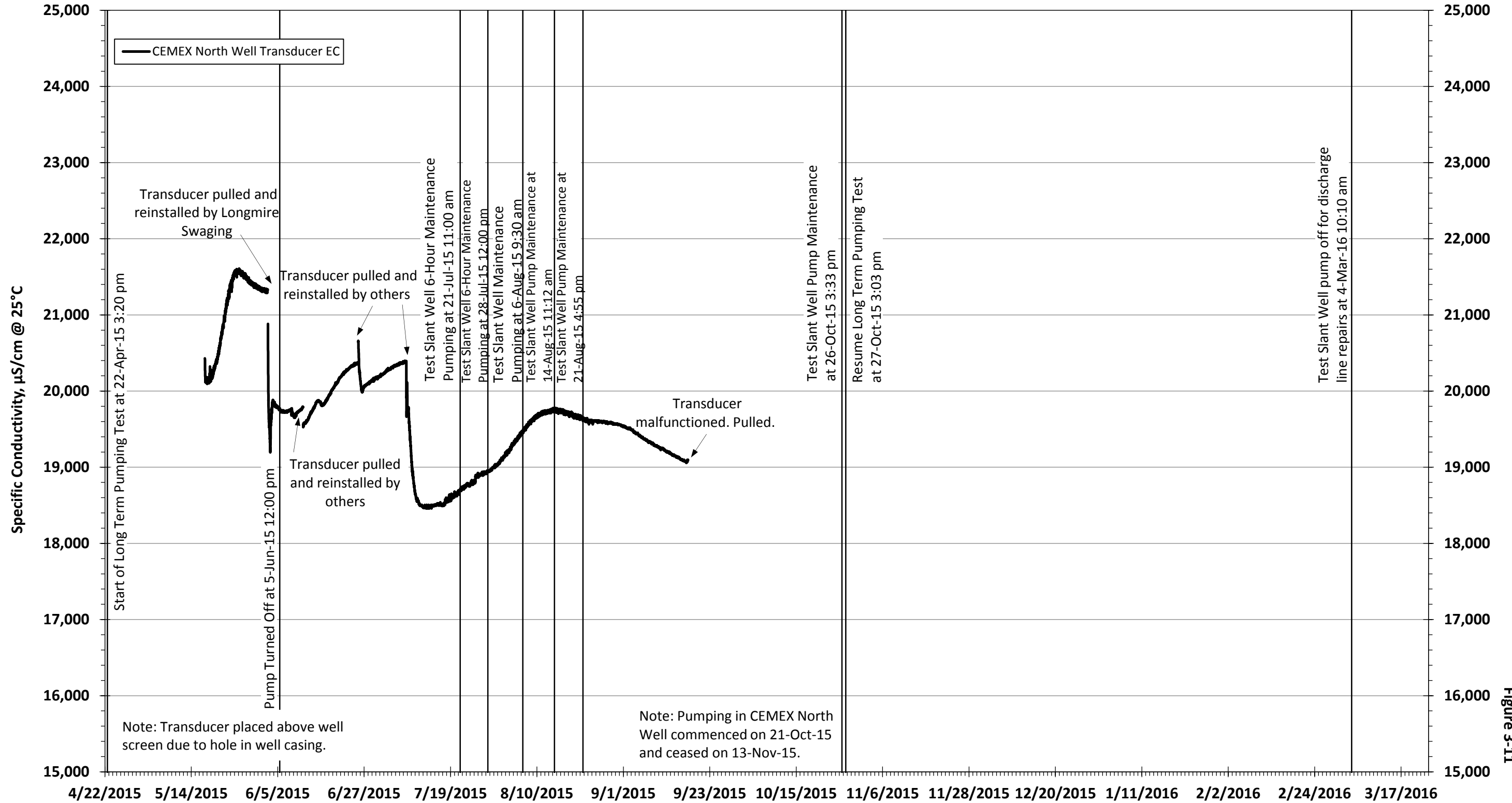


Figure 3-11

### Specific Conductivity in MPWSP Test Slant Well

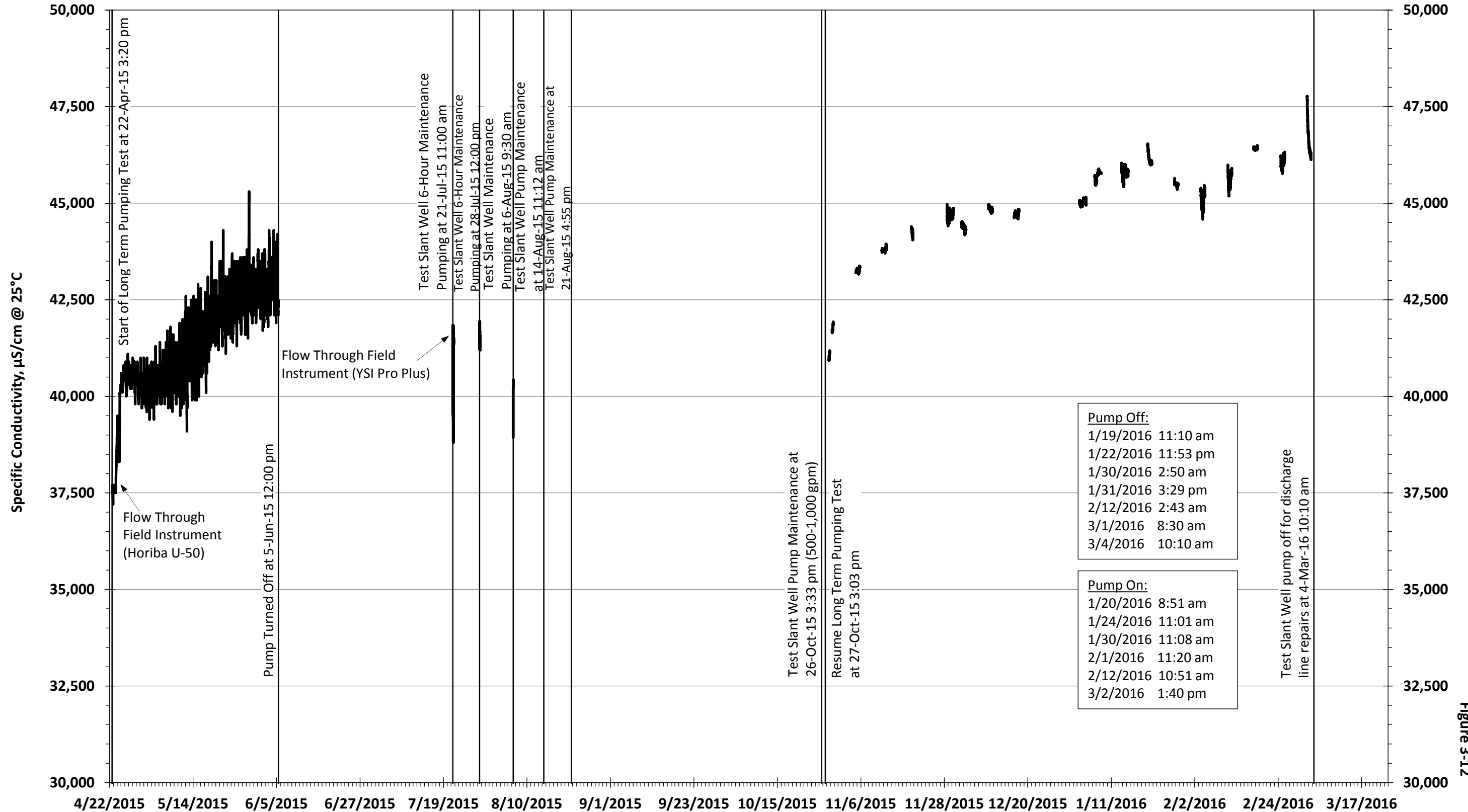


Figure 3-12

**TABLES**

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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 <sup>1</sup>	2.65 <sup>1</sup>	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 <sup>1</sup>	2.65 <sup>1</sup>	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	MW-5	Top of ABS Transducer Mount	2,156,239.19	5,748,566.86	80.25 <sup>1</sup>	2.20 <sup>1</sup>	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 <sup>1</sup>	2.31 <sup>1</sup>	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 <sup>1</sup>	21,436	30	60	61	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 <sup>1</sup>	21,431	150	210	184	1-Oct-15	22-Apr-15	Level, Conductivity
MW-6D	MW-6	Top of ABS Transducer Mount	2,141,133.06	5,756,144.94	35.82	2.42 <sup>1</sup>	21,427	255	325	201	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 <sup>3</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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 <sup>3</sup>	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 <sup>2</sup>	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 <sup>3</sup>	10,697	353	393	377	1-Oct-15	26-Jun-15	Level, Conductivity
Well No. 1 <sup>4</sup>	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 <sup>4</sup>	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 <sup>*</sup>	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 <sup>**</sup>	231 <sup>**</sup>	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 <sup>4</sup>	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  
 Vertical Datum: NAVD88  
<sup>1</sup> RP/elevation change on May 17, 2015 - New caps  
<sup>2</sup> RP/elevation change on July 17, 2015 - New caps  
<sup>3</sup> RP/elevation change on September 24, 2015 - New caps  
<sup>4</sup> Estimated - not surveyed.  
 MD: Measured Depth - lineal feet along the angle of the slant well  
 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)  
 \*\* 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

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

Constituent	Method	Units	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
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	117	-	121	120	121	118	124	-	-	117
Aluminum, Total	EPA 200.8	µg/L	ND	-	70	ND	ND	321	ND	-	-	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	-	ND	ND	ND	ND	ND	ND	-	ND
Arsenic, Total <sup>1</sup>	EPA 200.8	µg/L	33	-	31	31	38	38	37	-	-	38
Arsenic, Total	EPA 1640	µg/L	-	-	-	-	-	-	-	-	-	-
Barium, Dissolved	EPA 200.8	µg/L	95	-	106	106	100	110	87	-	-	88
Bicarbonate (as HCO3-)	SM2320B	mg/L	143	-	148	146	148	144	151	-	-	143
Boron, Dissolved	EPA 200.7	mg/L	2.6	-	2.51	3.10	2.88	2.71	2.86	-	-	3.37
Bromide, Dissolved	EPA 300.0	mg/L	37.0	-	45	45	48.7	48	47.4	-	-	53.6
Calcium	EPA 200.7	mg/L	349	-	621	606	607	587	598	-	-	541
Calcium, Dissolved	EPA 200.7	mg/L	371	-	581	660	595	584	583	-	-	551
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	ND	-	-	-	-	-	-	-	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Chloride, Dissolved	EPA 300.0	mg/L	13,830	-	14,476	14,344	15,724	15,721	15,869	-	-	14,186
Chlorinated Pesticides and PCB (EPA 5)	EPA 508	µg/L	ND	-	-	-	-	-	-	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	4	-	4	ND	ND	ND	ND	6	-	4
Copper	EPA 200.7	µg/L	-	-	-	-	-	ND	ND	-	-	ND
Copper, Total	EPA 200.8	µg/L	44	-	75	74	40	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	ND	-	-	-	-	-	-	-	-	-
Dioxin	EPA 1613	pg/L	ND	-	-	-	-	-	-	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	ND	-	-	-	-	-	-	-	-	-
Dissolved Anions	Calculation	Meq/L	431.33	-	453.50	451.38	491.70	491.97	496.41	-	-	447.47
Total Anions	Calculation	Meq/L	431.33	-	453.50	451.38	491.70	491.97	496.41	-	-	447.47
Dissolved Cations	Calculation	Meq/L	455.09	-	435.45	479.03	508.91	458.32	460.38	-	-	494.88
Total Cations	Calculation	Meq/L	430.99	-	477.91	445.16	524.66	458.67	465.32	-	-	483.86
Fluoride, Dissolved	EPA 300.0	mg/L	0.2	-	0.7	ND	ND	0.7	ND	-	-	0.8
Hardness (as CaCO3)	SM2340B/Calc	mg/L	4,751	-	5,879	5,796	6,066	5,748	5,924	-	-	5,798
Hydroxide	SM2320B	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Iodide	EPA 9056M	µg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Iron	EPA 200.7	µg/L	69	-	99	ND	ND	ND	ND	-	-	ND
Iron, Dissolved	EPA 200.7	µg/L	65	-	ND	ND	ND	ND	ND	-	-	ND
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Lithium	EPA 200.8	µg/L	152	-	169	144	165	250	212	-	-	106
Magnesium	EPA 200.7	mg/L	942	-	1,050	1,040	1,100	1,040	1,080	-	-	1,080
Magnesium, Dissolved	EPA 200.7	mg/L	989	-	970	1,110	1,080	1,040	1,060	-	-	1,110
Manganese, Dissolved	EPA 200.7	µg/L	26	-	ND	ND	ND	ND	ND	-	-	ND
Manganese, Total	EPA 200.7	µg/L	26	-	ND	ND	ND	ND	ND	-	-	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	-	ND	ND	ND	ND	ND	-	-	ND
Nitrate as NO3	EPA 300.0	mg/L	5	-	7	8	ND	6	8	-	-	6
Nitrate+Nitrite as N	EPA 300.0	mg/L	1.0	-	1.9	1.8	1.8	1.8	1.7	-	-	1.4
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	-	0.2	ND	ND	0.3	ND	-	-	ND
Odor Threshold at 60 C	SM2150B	TON	2	-	1	1	1	1	1	-	-	2
o-Phosphate-P	Hach 8048	mg/L	0.10	-	0.12	0.13	0.12	0.11	0.13	-	-	0.14
pH (Field Test)	SM4500-H+B	pH	7.03	6.86	6.84	6.85	6.94	6.91	6.94	7.01	7.05	7.04
pH (Laboratory)	SM4500-H+B	pH (H)	7.2	-	7.4	7.4	7.4	7.4	7.4	7.2	-	7.1
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	ND	-	-	-	-	-	-	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.09	-	0.10	0.13	0.13	0.07	0.14	-	-	0.10
Potassium	EPA 200.7	mg/L	203	-	212	209	231	220	226	-	-	256
Potassium, Dissolved	EPA 200.7	mg/L	213	-	185	230	227	219	220	-	-	263
QC Ratio TDS/SEC	Calculation	-	0.67	0.66	0.64	0.66	0.67	0.67	0.68	0.67	0.67	0.68
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	ND	-	-	-	-	-	-	-	-	-
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.

<sup>1</sup> 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

Constituent	Method	Units	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
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	114	111	113	112	111	110	111	110	109	110
Aluminum, Total	EPA 200.8	µg/L	ND	ND	53	ND	ND	ND	ND	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total <sup>1</sup>	EPA 200.8	µg/L	45	42	42	40	47	ND	48	50	46	42
Arsenic, Total	EPA 1640	µg/L	-	-	-	-	-	-	-	-	-	0.39
Barium, Dissolved	EPA 200.8	µg/L	81	88	82	78	78	74	82	74	69	ND
Bicarbonate (as HCO3-)	SM2320B	mg/L	139	135	138	137	135	134	135	134	133	134
Boron, Dissolved	EPA 200.7	mg/L	3.38	3.16	3.14	3.97	3.21	3.71	3.48	3.35	3.33	3.41
Bromide, Dissolved	EPA 300.0	mg/L	53	52.6	50.2	50.2	50.0	52.4	48.2	51.3	50.1	51.8
Calcium	EPA 200.7	mg/L	582	538	511	657	515	531	493	523	522	523
Calcium, Dissolved	EPA 200.7	mg/L	577	532	518	686	511	537	532	523	526	533
Carbamates by HPLC (EPA 531)	EPA 531	µg/L	ND	-	-	-	-	-	-	ND	-	-
Carbonate as CaCO3	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloride, Dissolved	EPA 300.0	mg/L	16,111	16,383	16,257	16,579	16,510	16,972	15,685	16,798	17,195	16,980
Chlorinated Pesticides and PCB (EPA 5)	EPA 508	µg/L	ND	-	-	-	-	-	-	ND	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	7	4	ND	ND	3	5	ND	ND	ND	5
Copper	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-	-	-	-	-	-	-	-
DBCP & EDB	EPA 504.1	µg/L	ND	-	-	-	-	-	-	ND	-	-
Dioxin	EPA 1613	pg/L	ND	-	-	-	-	-	-	ND	-	-
Diquat (EPA 549)	EPA 549	µg/L	ND	-	-	-	-	-	-	ND	-	-
Dissolved Anions	Calculation	Meq/L	503.06	503.06	507.53	516.55	514.28	529.53	493.46	524.48	535.83	529.87
Total Anions	Calculation	Meq/L	503.06	510.47	507.53	516.55	514.28	529.53	493.46	524.48	535.83	529.87
Dissolved Cations	Calculation	Meq/L	526.37	498.07	506.84	484.86	457.70	533.96	514.92	523.20	521.97	537.19
Total Cations	Calculation	Meq/L	544.39	500.67	500.01	510.72	466.00	526.46	484.44	516.68	524.71	526.05
Fluoride, Dissolved	EPA 300.0	mg/L	0.8	0.8	ND	ND	ND	ND	ND	ND	ND	ND
Hardness (as CaCO3)	SM2340B/Calc	mg/L	6,383	5,890	5,756	6,710	5,651	5,938	5,909	5,918	5,940	5,972
Hydroxide	SM2320B	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND	96	ND	ND	ND	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND	126	ND	ND	ND	ND	ND	ND
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lithium	EPA 200.8	µg/L	135	131	142	149	133	160	129	128	117	170
Magnesium	EPA 200.7	mg/L	1,200	1,100	1,090	1,230	1,060	1,120	1,140	1,120	1,130	1,130
Magnesium, Dissolved	EPA 200.7	mg/L	1,170	1,090	1,100	1,310	1,050	1,150	1,190	1,130	1,130	1,150
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	6	6	2	9	8	8	8	8	8	8
Nitrate+Nitrite as N	EPA 300.0	mg/L	1.4	1.3	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.8
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	2	2	3	1	2	2	1	1	2	1
o-Phosphate-P	Hach 8048	mg/L	0.15	0.15	0.14	0.13	0.13	0.12	0.11	0.12	0.12	0.13
pH (Field Test)	SM4500-H+B	pH	7.06	8.14	7.10	7.08	7.11	7.07	7.08	7.06	7.04	7.05
pH (Laboratory)	SM4500-H+B	pH (H)	7.1	7.1	7.1	7.1	7.1	7.3	7.2	7.2	7.1	7.2
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	ND	-	-	-	-	-	-	ND	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.14	0.13	0.13	0.13	0.10	0.10	0.10	0.11	0.09	0.10
Potassium	EPA 200.7	mg/L	284	268	266	293	256	275	271	267	270	268
Potassium, Dissolved	EPA 200.7	mg/L	281	268.0	266	308	254	278	282	272	269	276
QC Ratio TDS/SEC	Calculation	-	0.68	0.69	0.68	0.67	0.66	0.69	0.67	0.67	0.67	0.69
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	ND	-	-	-	-	-	-	ND	-	-
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.

<sup>1</sup> 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**

Constituent	Method	Units	Sample Collection Date:		
			18-Feb-16	25-Feb-16	3-Mar-16
Alkalinity, Total (as CaCO3)	SM2320B	mg/L	110	110	110
Aluminum, Total	EPA 200.8	µg/L	ND	ND	ND
Ammonia-N, Dissolved	SM4500NH3 D	mg/L	ND	ND	ND
Arsenic, Total <sup>1</sup>	EPA 200.8	µg/L	-	-	-
Arsenic, Total	EPA 1640	µg/L	0.28	0.30	0.28
Barium, Dissolved	EPA 200.8	µg/L	ND	71	75
Bicarbonate (as HCO3-)	SM2320B	mg/L	134	134	134
Boron, Dissolved	EPA 200.7	mg/L	3.19	3.31	3.43
Bromide, Dissolved	EPA 300.0	mg/L	52.6	52.6	52.3
Calcium	EPA 200.7	mg/L	497	510	493
Calcium, Dissolved	EPA 200.7	mg/L	503	510	502
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	17,243	17,186	17,337
Chlorinated Pesticides and PCB (EPA 5)	EPA 508	µg/L	-	-	-
Color, Apparent (Unfiltered)	SM2120B	Color Units	ND	ND	ND
Copper	EPA 200.7	µg/L	ND	ND	ND
Copper, Total	EPA 200.8	µg/L	-	-	-
DBCP & EDB	EPA 504.1	µg/L	-	-	-
Dioxin	EPA 1613	pg/L	-	-	-
Diquat (EPA 549)	EPA 549	µg/L	-	-	-
Dissolved Anions	Calculation	Meq/L	538.01	536.27	541.32
Total Anions	Calculation	Meq/L	538.01	536.27	541.32
Dissolved Cations	Calculation	Meq/L	522.84	541.86	557.28
Total Cations	Calculation	Meq/L	520.40	544.60	540.75
Fluoride, Dissolved	EPA 300.0	mg/L	ND	ND	1.1
Hardness (as CaCO3)	SM2340B/Calc	mg/L	5,870	6,112	5,901
Hydroxide	SM2320B	mg/L	ND	ND	ND
Iodide	EPA 9056M	µg/L	ND	ND	ND
Iron	EPA 200.7	µg/L	ND	ND	ND
Iron, Dissolved	EPA 200.7	µg/L	ND	ND	ND
Kjeldahl Nitrogen, Dissolved	SM4500-NH3 B,C,E	mg/L	ND	ND	ND
Lithium	EPA 200.8	µg/L	154	164	166
Magnesium	EPA 200.7	mg/L	1,120	1,180	1,130
Magnesium, Dissolved	EPA 200.7	mg/L	1,120	1,170	1,180
Manganese, Dissolved	EPA 200.7	µg/L	ND	ND	ND
Manganese, Total	EPA 200.7	µg/L	ND	ND	ND
MBAS (Surfactants)	SM5540C	mg/L	ND	ND	ND
Nitrate as NO3	EPA 300.0	mg/L	8	8	8
Nitrate+Nitrite as N	EPA 300.0	mg/L	1.8	1.8	1.8
Nitrite as NO2-N, Dissolved	EPA 300.0	mg/L	ND	ND	ND
Odor Threshold at 60 C	SM2150B	TON	1	1	1
o-Phosphate-P	Hach 8048	mg/L	0.11	0.12	0.11
pH (Field Test)	SM4500-H+B	pH	7.11	7.12	7.14
pH (Laboratory)	SM4500-H+B	pH (H)	7.3	6.8	7.3
Phenoxy Acid Herbicides (515.3)	EPA 515.3	µg/L	-	-	-
Phosphorus, Dissolved Total	HACH 8190	mg/L	0.11	0.10	0.10
Potassium	EPA 200.7	mg/L	261	271	273
Potassium, Dissolved	EPA 200.7	mg/L	261	271	280
QC Ratio TDS/SEC	Calculation	-	0.67	0.67	0.69
Reg. Org. Compounds (EPA 525)	EPA 525	µg/L	-	-	-
Silica as SiO2, Dissolved	EPA 200.7	mg/L	12	12	14
Sodium	EPA 200.7	mg/L	9,121	9,543	9,401
Sodium, Dissolved	EPA 200.7	mg/L	9,170	9,480	9,680
Specific Conductance (E.C)	SM2510B	µmhos/cm	45,560	46,190	46,380
Specific Conductance (E.C) (Field)	SM2510B	µmhos/cm	46,403	46,259	46,381
Strontium, Dissolved	EPA 200.8	µg/L	7,671	7,823	7,910
Sulfate, Dissolved	EPA 300.0	mg/L	2,334	2,328	2,366
Temperature (Field)	SM2550	° C	15.1	15.0	15.0
Total Diss. Solids	SM2540C	mg/L	30,700	30,800	31,800
Turbidity	EPA 180.1	NTU	0.10	0.10	0.30
Turbidity (Field)	EPA 180.1	NTU	0.33	0.15	0.08
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  
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## APPENDICES

**APPENDIX A-1**

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

**8-Dec-14**



**CALIFORNIA COASTAL COMMISSION**

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

**COASTAL DEVELOPMENT PERMIT**

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

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

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

CHARLES LESTER  
Executive Director

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

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

Permit A-3-MRA-14-0050

December 8, 2014

Page 2 of 12

Acknowledgment:

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

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

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

12/8/14  
Date

  
Signature of Permittee or Representative

## STANDARD CONDITIONS

This permit is subject to the following standard conditions:

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

## SPECIAL CONDITIONS

This permit is subject to the following special conditions:

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

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

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

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

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

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

**5. Hazardous Material Spill Prevention and Response.**

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

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

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



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

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

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

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

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

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

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

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

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

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

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

- 13. Protection of Biological Resources – Training of On-site Personnel.** Prior to starting construction and decommissioning activities, the approved biologist(s) shall conduct an environmental awareness training for all construction personnel that are on-site during activities. The training shall include, at a minimum, the following:
- Descriptions of the special-status species with potential to occur in the project area;
  - Habitat requirements and life histories of those species as they relate to the project;
  - Avoidance, minimization, and mitigation measures that will be implemented to avoid impacts to the species and their habitats;
  - Identification of the regulatory agencies and regulations that manage their protection; and,
  - 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. 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;
  - b. performance standards and success criteria to be used;
  - c. a minimum 3:1 ratio of native plants to be replaced within the affected area;
  - d. an invasive species control program to be implemented for the duration of the project;
  - e. the timing of proposed restoration activities;
  - f. proposed methods to monitor restoration performance and success for at least five years following initiation of the Plan; and
  - g. 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

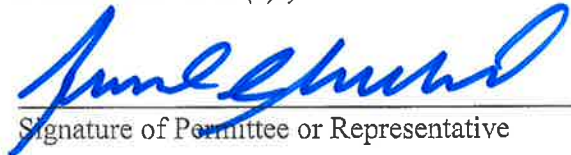
Acknowledgment:

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).)

10/13/15  
Date

  
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**

**16-March-16 - 23-March-16**



Report Date: 3/24/2016 2:15:54 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

#### Log File Properties:

File Name: MPWSP MW-1D LT Test\_2016-03-24\_12-14-07-467.wsl  
Create Date: 3/24/2016 12:13:50 PM

#### Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-1D  
Device Name:  
Serial Number: 398881  
Firmware Version: 2.00  
Hardware Version: 3  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 0  
Used Battery(%): 6

#### Log Configuration

Log Name: MPWSP MW-1D LT Test  
Created By: KMakar  
Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0  
Create Date: 11/5/2015 11:47:18 AM Pacific Standard Time  
Log Setup Time Zone: Pacific Standard Time  
Notes Size(bytes): 4096  
Overwrite when full: Enabled  
Scheduled Start Time: 11/5/2015 1:00:00 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: Depth  
Specific Gravity: 1.024

#### Other Log Settings

Depth of Probe: 0.245192 (ft)  
Head Pressure: 0.108849 (PSI)  
Temperature: 19.4072 (C)

#### Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

Date and Time	Note
11/5/2015 11:47:27 AM	Used Battery: 6% Used Memory: 3% User Name: KMakar
11/12/2015 9:34:00 AM	Log Download - Used Battery: 7% Used Memory: 3% User Name: CShaw
11/19/2015 2:45:06 PM	Log Download - Used Battery: 7% Used Memory: 4% User Name: KMakar Interval - Start Time: 11/5/2015 1:00:00 PM Stop Time: 11/19/2015 2:45:00 PM
11/29/2015 9:01:14 AM	Log Download - Used Battery: 8% Used Memory: 4% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 5:30:00 PM
12/3/2015 10:35:30 AM	Log Download - Used Battery: 8% Used Memory: 6% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 10:35:00 AM
12/10/2015 8:33:47 AM	Log Download - Used Battery: 8% Used Memory: 6% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 2:30:00 PM
12/17/2015 11:02:21 AM	Log Download - Used Battery: 9% Used Memory: 7% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:00:00 AM
1/3/2016 9:47:16 AM	Log Download - Used Battery: 9% Used Memory: 9% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 5:45:00 PM
1/7/2016 10:06:29 AM	Log Download - Used Battery: 10% Used Memory: 9% 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 8:19:05 AM	Log Download - Used Battery: 10% Used Memory: 10% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:15:00 AM
1/21/2016 11:31:28 AM	Log Download - Used Battery: 10% Used Memory: 10% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:30:00 AM
1/28/2016 1:37:58 PM	Log Download - Used Battery: 11% Used Memory: 12% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:30:00 PM
2/4/2016 9:04:17 AM	Log Download - Used Battery: 11% Used Memory: 12% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 3:45:00 PM
2/4/2016 9:08:22 AM	Log Download - Used Battery: 11% Used Memory: 12% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:00:00 AM
2/11/2016 9:02:04 AM	Log Download - Used Battery: 11% Used Memory: 14% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:00:00 AM
2/18/2016 8:50:19 AM	Log Download - Used Battery: 12% Used Memory: 14% User Name: CShaw Interval - Start Time: 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 7:00:00 PM
2/25/2016 11:49:02 AM	Log Download - Used Battery: 12% Used Memory: 15% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:45:00 AM
3/3/2016 8:35:39 AM	Log Download - Used Battery: 13% Used Memory: 15% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 8:30:00 AM
3/10/2016 8:28:11 AM	Log Download - Used Battery: 13% Used Memory: 17% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:30:00 AM
3/17/2016 5:39:44 PM	Log Download - Used Battery: 13% Used Memory: 17% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:30:00 PM
3/24/2016 12:13:08 PM	Log Download - Used Battery: 14% Used Memory: 18% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 12:15:00 PM

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Log Data:

Record Count: 865

Sensors: 1

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

Time Zone: Pacific Daylight Time

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		Sensor: PCTD(G) 692ft	
Elapsed Time		SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881
398881		SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881	SN#: 398881
SN#: 398881							
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual		
Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)				
Resistivity (ohm-cm)	Water Density (g/cm3)						
-----							
-----							
3/17/2016 12:00:00 AM	129600.000	122.656	19.205	276.295			
41132.281	46251.859	30.288	31451.268	24.312			
1.021							
3/17/2016 12:15:00 AM	130500.000	122.703	19.200	276.400			
41119.738	46241.996	30.280	31444.561	24.319			
1.021							
3/17/2016 12:30:00 AM	131400.000	122.669	19.201	276.325			
41094.719	46213.348	30.259	31425.078	24.334			
1.021							
3/17/2016 12:45:00 AM	132300.000	122.681	19.183	276.351			
41075.434	46209.297	30.256	31422.322	24.345			
1.021							
3/17/2016 1:00:00 AM	133200.000	122.659	19.187	276.302			
41096.957	46229.961	30.271	31436.375	24.333			
1.021							
3/17/2016 1:15:00 AM	134100.000	122.665	19.181	276.315			
41133.574	46276.516	30.305	31468.033	24.311			
1.021							
3/17/2016 1:30:00 AM	135000.000	122.673	19.180	276.333			
41099.898	46239.844	30.278	31443.096	24.331			
1.021							
3/17/2016 1:45:00 AM	135900.000	122.709	19.187	276.413			
41054.828	46182.660	30.236	31404.211	24.358			
1.021							
3/17/2016 2:00:00 AM	136800.000	122.705	19.181	276.406			
41113.703	46254.684	30.289	31453.188	24.323			
1.021							
3/17/2016 2:15:00 AM	137700.000	122.732	19.188	276.465			
41105.098	46238.160	30.277	31441.949	24.328			
1.021							
3/17/2016 2:30:00 AM	138600.000	122.761	19.187	276.532			
41092.605	46224.555	30.267	31432.699	24.335			
1.021							
3/17/2016 2:45:00 AM	139500.000	122.758	19.185	276.525			
41110.926	46247.313	30.283	31448.174	24.324			
1.021							
3/17/2016 3:00:00 AM	140400.000	122.808	19.182	276.637			
41070.840	46205.164	30.252	31419.514	24.348			
1.021							
3/17/2016 3:15:00 AM	141300.000	122.823	19.181	276.670			
41109.117	46249.266	30.285	31449.502	24.326			
1.021							
3/17/2016 3:30:00 AM	142200.000	122.851	19.188	276.733			
41087.504	46218.367	30.262	31428.492	24.338			
1.021							
3/17/2016 3:45:00 AM	143100.000	122.881	19.192	276.801			
41106.293	46235.184	30.275	31439.928	24.327			

1.021				
3/17/2016 4:00:00 AM	144000.000	122.948	19.187	276.953
41073.320	46203.465	30.251	31418.357	24.347
1.021				
3/17/2016 4:15:00 AM	144900.000	122.956	19.186	276.970
41095.012	46228.980	30.270	31435.709	24.334
1.021				
3/17/2016 4:30:00 AM	145800.000	122.985	19.189	277.035
41097.133	46228.426	30.270	31435.332	24.333
1.021				
3/17/2016 4:45:00 AM	146700.000	123.006	19.185	277.084
41090.773	46225.168	30.267	31433.117	24.336
1.021				
3/17/2016 5:00:00 AM	147600.000	123.060	19.184	277.204
41114.555	46252.781	30.287	31451.893	24.322
1.021				
3/17/2016 5:15:00 AM	148500.000	123.028	19.190	277.133
41094.043	46223.996	30.267	31432.320	24.334
1.021				
3/17/2016 5:30:00 AM	149400.000	123.086	19.191	277.263
41114.051	46244.863	30.282	31446.508	24.323
1.021				
3/17/2016 5:45:00 AM	150300.000	123.081	19.185	277.253
41121.402	46259.188	30.292	31456.250	24.318
1.021				
3/17/2016 6:00:00 AM	151200.000	123.112	19.187	277.321
41091.340	46223.289	30.266	31431.838	24.336
1.021				
3/17/2016 6:15:00 AM	152100.000	123.127	19.199	277.356
41111.293	46233.793	30.274	31438.982	24.324
1.021				
3/17/2016 6:30:00 AM	153000.000	123.127	19.194	277.356
41114.891	46243.289	30.281	31445.438	24.322
1.021				
3/17/2016 6:45:00 AM	153900.000	123.116	19.189	277.331
41077.770	46205.863	30.253	31419.990	24.344
1.021				
3/17/2016 7:00:00 AM	154800.000	123.151	19.196	277.409
41136.262	46264.816	30.297	31460.078	24.309
1.021				
3/17/2016 7:15:00 AM	155700.000	123.127	19.200	277.356
41091.957	46210.848	30.257	31423.379	24.336
1.021				
3/17/2016 7:30:00 AM	156600.000	123.091	19.194	277.274
41116.520	46244.875	30.282	31446.518	24.321
1.021				
3/17/2016 7:45:00 AM	157500.000	123.081	19.188	277.253
41117.273	46252.035	30.287	31451.385	24.321
1.021				
3/17/2016 8:00:00 AM	158400.000	123.061	19.187	277.206
41102.563	46236.094	30.275	31440.547	24.329
1.021				
3/17/2016 8:15:00 AM	159300.000	123.040	19.199	277.159
41110.371	46232.594	30.273	31438.166	24.325
1.021				
3/17/2016 8:30:00 AM	160200.000	123.017	19.197	277.107
41101.012	46224.402	30.267	31432.594	24.330



1.021				
3/17/2016 8:45:00 AM	161100.000	122.987	19.187	277.039
41041.227	46166.758	30.225	31393.398	24.366
1.021				
3/17/2016 9:00:00 AM	162000.000	122.943	19.181	276.941
41065.957	46201.223	30.250	31416.834	24.351
1.021				
3/17/2016 9:15:00 AM	162900.000	122.915	19.183	276.878
41107.094	46245.004	30.282	31446.605	24.327
1.021				
3/17/2016 9:30:00 AM	163800.000	122.854	19.186	276.741
41068.402	46198.449	30.248	31414.947	24.350
1.021				
3/17/2016 9:45:00 AM	164700.000	122.812	19.193	276.647
41103.777	46231.320	30.272	31437.299	24.329
1.021				
3/17/2016 10:00:00 AM	165600.000	122.790	19.187	276.597
41102.297	46235.453	30.275	31440.111	24.330
1.021				
3/17/2016 10:15:00 AM	166500.000	122.722	19.183	276.442
41087.254	46223.109	30.266	31431.717	24.338
1.021				
3/17/2016 10:30:00 AM	167400.000	122.701	19.180	276.395
41117.551	46259.445	30.292	31456.424	24.321
1.021				
3/17/2016 10:45:00 AM	168300.000	122.645	19.191	276.271
41102.387	46232.168	30.273	31437.875	24.329
1.021				
3/17/2016 11:00:00 AM	169200.000	122.605	19.198	276.179
41107.262	46230.824	30.272	31436.963	24.327
1.021				
3/17/2016 11:15:00 AM	170100.000	122.561	19.194	276.080
41086.895	46211.461	30.258	31423.793	24.339
1.021				
3/17/2016 11:30:00 AM	171000.000	122.518	19.186	275.984
41097.281	46230.934	30.271	31437.037	24.333
1.021				
3/17/2016 11:45:00 AM	171900.000	122.462	19.188	275.857
41109.098	46241.969	30.280	31444.539	24.326
1.021				
3/17/2016 12:00:00 PM	172800.000	122.419	19.186	275.761
41068.188	46198.031	30.247	31414.664	24.350
1.021				
3/17/2016 12:15:00 PM	173700.000	122.387	19.178	275.689
41086.859	46227.168	30.268	31434.477	24.339
1.021				
3/17/2016 12:30:00 PM	174600.000	122.354	19.178	275.615
41065.168	46202.938	30.251	31418.000	24.352
1.021				
3/17/2016 12:45:00 PM	175500.000	122.345	19.184	275.594
41070.984	46204.023	30.252	31418.738	24.348
1.021				
3/17/2016 1:00:00 PM	176400.000	122.297	19.185	275.486
41086.820	46220.285	30.264	31429.797	24.339
1.021				
3/17/2016 1:15:00 PM	177300.000	122.259	19.193	275.400
41102.230	46229.742	30.271	31436.227	24.330

1.021				
3/17/2016 1:30:00 PM	178200.000	122.285	19.203	275.458
41108.953	46227.719	30.270	31434.852	24.326
1.021				
3/17/2016 1:45:00 PM	179100.000	122.266	19.201	275.417
41094.473	46213.320	30.259	31425.061	24.334
1.021				
3/17/2016 2:00:00 PM	180000.000	122.261	19.177	275.405
41082.840	46223.418	30.266	31431.926	24.341
1.021				
3/17/2016 2:15:00 PM	180900.000	122.253	19.176	275.387
41050.516	46188.086	30.240	31407.900	24.360
1.021				
3/17/2016 2:30:00 PM	181800.000	122.278	19.175	275.444
41105.223	46251.199	30.286	31450.816	24.328
1.021				
3/17/2016 2:45:00 PM	182700.000	122.255	19.189	275.392
41112.406	46245.266	30.282	31446.783	24.324
1.021				
3/17/2016 3:00:00 PM	183600.000	122.289	19.172	275.468
41043.051	46184.012	30.237	31405.131	24.365
1.021				
3/17/2016 3:15:00 PM	184500.000	122.329	19.183	275.558
41053.863	46184.938	30.238	31405.760	24.358
1.021				
3/17/2016 3:30:00 PM	185400.000	122.350	19.187	275.604
41065.059	46194.082	30.245	31411.979	24.352
1.021				
3/17/2016 3:45:00 PM	186300.000	122.362	19.175	275.631
41081.973	46225.301	30.267	31433.207	24.342
1.021				
3/17/2016 4:00:00 PM	187200.000	122.394	19.180	275.704
41046.109	46179.066	30.233	31401.768	24.363
1.021				
3/17/2016 4:15:00 PM	188100.000	122.425	19.176	275.775
41031.035	46166.078	30.224	31392.936	24.372
1.021				
3/17/2016 4:30:00 PM	189000.000	122.466	19.186	275.867
41078.492	46210.141	30.256	31422.896	24.344
1.021				
3/17/2016 4:45:00 PM	189900.000	122.518	19.197	275.984
41093.430	46215.449	30.261	31426.508	24.335
1.021				
3/17/2016 5:00:00 PM	190800.000	122.548	19.195	276.051
41108.633	46234.957	30.275	31439.773	24.326
1.021				
3/17/2016 5:15:00 PM	191700.000	122.586	19.187	276.138
41115.535	46250.504	30.286	31450.346	24.322
1.021				
3/17/2016 5:30:00 PM	192600.000	122.615	19.183	276.203
41065.813	46198.906	30.248	31415.256	24.351
1.021				
3/17/2016 5:45:00 PM	193500.000	122.648	19.187	276.278
41056.875	46184.699	30.238	31405.598	24.356
1.021				
3/17/2016 6:00:00 PM	194400.000	122.710	19.187	276.416
41077.770	46208.207	30.255	31421.584	24.344

1.021				
3/17/2016 6:15:00 PM	195300.000	122.753	19.186	276.513
41090.996	46224.207	30.267	31432.463	24.336
1.021				
3/17/2016 6:30:00 PM	196200.000	122.765	19.187	276.541
41089.012	46220.758	30.264	31430.117	24.337
1.021				
3/17/2016 6:45:00 PM	197100.000	122.827	19.189	276.681
41122.340	46256.688	30.290	31454.549	24.318
1.021				
3/17/2016 7:00:00 PM	198000.000	122.840	19.180	276.710
41085.668	46223.574	30.266	31432.033	24.339
1.021				
3/17/2016 7:15:00 PM	198900.000	122.878	19.183	276.796
41081.938	46217.125	30.261	31427.646	24.342
1.021				
3/17/2016 7:30:00 PM	199800.000	122.906	19.189	276.857
41078.559	46206.660	30.254	31420.531	24.344
1.021				
3/17/2016 7:45:00 PM	200700.000	122.926	19.194	276.904
41093.203	46218.391	30.263	31428.508	24.335
1.021				
3/17/2016 8:00:00 PM	201600.000	122.939	19.210	276.933
41118.078	46230.449	30.272	31436.707	24.320
1.021				
3/17/2016 8:15:00 PM	202500.000	122.925	19.196	276.900
41062.367	46181.801	30.236	31403.627	24.353
1.021				
3/17/2016 8:30:00 PM	203400.000	122.964	19.190	276.988
41071.953	46198.805	30.248	31415.189	24.348
1.021				
3/17/2016 8:45:00 PM	204300.000	122.965	19.193	276.990
41093.895	46220.367	30.264	31429.852	24.335
1.021				
3/17/2016 9:00:00 PM	205200.000	122.956	19.204	276.971
41126.730	46245.883	30.283	31447.203	24.315
1.021				
3/17/2016 9:15:00 PM	206100.000	122.952	19.195	276.961
41093.211	46217.348	30.262	31427.799	24.335
1.021				
3/17/2016 9:30:00 PM	207000.000	122.947	19.193	276.951
41098.973	46225.992	30.268	31433.678	24.332
1.021				
3/17/2016 9:45:00 PM	207900.000	122.936	19.189	276.925
41112.086	46245.070	30.282	31446.650	24.324
1.021				
3/17/2016 10:00:00 PM	208800.000	122.918	19.186	276.886
41083.766	46215.637	30.260	31426.635	24.341
1.021				
3/17/2016 10:15:00 PM	209700.000	122.881	19.180	276.801
41045.504	46179.262	30.233	31401.898	24.363
1.021				
3/17/2016 10:30:00 PM	210600.000	122.853	19.177	276.738
41084.887	46226.242	30.268	31433.848	24.340
1.021				
3/17/2016 10:45:00 PM	211500.000	122.856	19.199	276.746
41070.914	46188.906	30.241	31408.459	24.348

1.021				
3/17/2016 11:00:00 PM	212400.000	122.812	19.201	276.647
41127.410	46250.109	30.286	31450.074	24.315
1.021				
3/17/2016 11:15:00 PM	213300.000	122.815	19.188	276.652
41071.129	46199.949	30.249	31415.967	24.348
1.021				
3/17/2016 11:30:00 PM	214200.000	122.782	19.188	276.579
41083.668	46213.453	30.259	31425.150	24.341
1.021				
3/17/2016 11:45:00 PM	215100.000	122.763	19.204	276.535
41100.977	46216.922	30.262	31427.510	24.330
1.021				
3/18/2016 12:00:00 AM	216000.000	122.718	19.209	276.434
41090.910	46201.539	30.251	31417.047	24.336
1.021				
3/18/2016 12:15:00 AM	216900.000	122.697	19.195	276.387
41086.781	46210.563	30.257	31423.186	24.339
1.021				
3/18/2016 12:30:00 AM	217800.000	122.701	19.202	276.395
41089.840	46206.832	30.255	31420.648	24.337
1.021				
3/18/2016 12:45:00 AM	218700.000	122.688	19.191	276.366
41079.746	46206.195	30.254	31420.213	24.343
1.021				
3/18/2016 1:00:00 AM	219600.000	122.686	19.181	276.361
41075.262	46211.090	30.257	31423.543	24.346
1.021				
3/18/2016 1:15:00 AM	220500.000	122.672	19.178	276.330
41092.863	46234.008	30.273	31439.127	24.335
1.021				
3/18/2016 1:30:00 AM	221400.000	122.629	19.178	276.234
41050.313	46186.652	30.239	31406.926	24.360
1.021				
3/18/2016 1:45:00 AM	222300.000	122.628	19.180	276.232
41101.516	46242.012	30.279	31444.570	24.330
1.021				
3/18/2016 2:00:00 AM	223200.000	122.622	19.185	276.218
41093.398	46227.941	30.269	31435.002	24.335
1.021				
3/18/2016 2:15:00 AM	224100.000	122.617	19.199	276.208
41130.309	46255.363	30.290	31453.648	24.313
1.021				
3/18/2016 2:30:00 AM	225000.000	122.659	19.200	276.301
41124.047	46247.633	30.284	31448.393	24.317
1.021				
3/18/2016 2:45:00 AM	225900.000	122.689	19.188	276.368
41084.133	46214.410	30.259	31425.801	24.340
1.021				
3/18/2016 3:00:00 AM	226800.000	122.688	19.182	276.366
41047.516	46179.094	30.233	31401.785	24.362
1.021				
3/18/2016 3:15:00 AM	227700.000	122.681	19.187	276.351
41128.805	46265.180	30.297	31460.324	24.314
1.021				
3/18/2016 3:30:00 AM	228600.000	122.732	19.189	276.465
41109.574	46241.637	30.279	31444.313	24.325

1.021				
3/18/2016 3:45:00 AM	229500.000	122.756	19.195	276.519
41100.613	46226.031	30.268	31433.703	24.331
1.021				
3/18/2016 4:00:00 AM	230400.000	122.789	19.192	276.595
41086.109	46212.480	30.258	31424.488	24.339
1.021				
3/18/2016 4:15:00 AM	231300.000	122.803	19.195	276.626
41126.645	46255.309	30.290	31453.611	24.315
1.021				
3/18/2016 4:30:00 AM	232200.000	122.816	19.188	276.655
41069.082	46196.957	30.247	31413.934	24.349
1.021				
3/18/2016 4:45:00 AM	233100.000	122.875	19.183	276.787
41086.465	46221.531	30.264	31430.641	24.339
1.021				
3/18/2016 5:00:00 AM	234000.000	122.884	19.184	276.808
41053.359	46183.938	30.237	31405.078	24.359
1.021				
3/18/2016 5:15:00 AM	234900.000	122.910	19.188	276.866
41077.527	46206.887	30.254	31420.686	24.344
1.021				
3/18/2016 5:30:00 AM	235800.000	122.950	19.188	276.956
41102.703	46235.203	30.275	31439.939	24.329
1.021				
3/18/2016 5:45:00 AM	236700.000	122.994	19.195	277.055
41102.266	46228.234	30.270	31435.201	24.330
1.021				
3/18/2016 6:00:00 AM	237600.000	123.008	19.196	277.089
41096.918	46220.313	30.264	31429.813	24.333
1.021				
3/18/2016 6:15:00 AM	238500.000	123.053	19.204	277.190
41102.328	46218.527	30.263	31428.600	24.330
1.021				
3/18/2016 6:30:00 AM	239400.000	123.062	19.206	277.208
41120.355	46236.906	30.277	31441.098	24.319
1.021				
3/18/2016 6:45:00 AM	240300.000	123.090	19.209	277.273
41110.664	46222.895	30.267	31431.570	24.325
1.021				
3/18/2016 7:00:00 AM	241200.000	123.106	19.200	277.307
41100.250	46221.027	30.265	31430.299	24.331
1.021				
3/18/2016 7:15:00 AM	242100.000	123.114	19.209	277.327
41109.918	46222.742	30.267	31431.467	24.325
1.021				
3/18/2016 7:30:00 AM	243000.000	123.123	19.210	277.347
41133.266	46248.039	30.285	31448.668	24.311
1.021				
3/18/2016 7:45:00 AM	243900.000	123.108	19.194	277.313
41093.500	46218.543	30.263	31428.611	24.335
1.021				
3/18/2016 8:00:00 AM	244800.000	123.108	19.195	277.313
41070.191	46191.813	30.243	31410.436	24.349
1.021				
3/18/2016 8:15:00 AM	245700.000	123.117	19.204	277.333
41134.871	46255.121	30.290	31453.484	24.310

1.021				
3/18/2016 8:30:00 AM	246600.000	123.107	19.200	277.310
41093.531	46212.617	30.259	31424.582	24.335
1.021				
3/18/2016 8:45:00 AM	247500.000	123.088	19.207	277.268
41114.980	46229.996	30.272	31436.400	24.322
1.021				
3/18/2016 9:00:00 AM	248400.000	123.041	19.190	277.162
41088.301	46216.930	30.261	31427.514	24.338
1.021				
3/18/2016 9:15:00 AM	249300.000	123.032	19.193	277.141
41051.750	46172.715	30.229	31397.449	24.359
1.021				
3/18/2016 9:30:00 AM	250200.000	123.017	19.186	277.107
41086.535	46218.848	30.263	31428.818	24.339
1.021				
3/18/2016 9:45:00 AM	251100.000	122.981	19.194	277.027
41078.707	46202.168	30.251	31417.477	24.344
1.021				
3/18/2016 10:00:00 AM	252000.000	122.939	19.194	276.933
41116.074	46244.375	30.282	31446.176	24.321
1.021				
3/18/2016 10:15:00 AM	252900.000	122.888	19.192	276.816
41105.789	46234.617	30.274	31439.541	24.327
1.021				
3/18/2016 10:30:00 AM	253800.000	122.853	19.197	276.738
41087.965	46209.727	30.256	31422.617	24.338
1.021				
3/18/2016 10:45:00 AM	254700.000	122.801	19.200	276.621
41078.918	46196.523	30.247	31413.639	24.343
1.021				
3/18/2016 11:00:00 AM	255600.000	122.741	19.192	276.486
41078.848	46204.223	30.252	31418.873	24.343
1.021				
3/18/2016 11:15:00 AM	256500.000	122.691	19.187	276.373
41054.113	46181.770	30.236	31403.605	24.358
1.021				
3/18/2016 11:30:00 AM	257400.000	122.666	19.190	276.317
41115.063	46247.387	30.284	31448.225	24.322
1.021				
3/18/2016 11:45:00 AM	258300.000	122.608	19.197	276.187
41092.570	46215.332	30.261	31426.428	24.335
1.021				
3/18/2016 12:00:00 PM	259200.000	122.552	19.203	276.060
41091.672	46208.285	30.256	31421.637	24.336
1.021				
3/18/2016 12:15:00 PM	260100.000	122.524	19.204	275.997
41099.031	46215.160	30.261	31426.311	24.331
1.021				
3/18/2016 12:30:00 PM	261000.000	122.486	19.204	275.911
41114.113	46231.957	30.273	31437.732	24.323
1.021				
3/18/2016 12:45:00 PM	261900.000	122.418	19.204	275.758
41141.352	46262.496	30.295	31458.500	24.306
1.021				
3/18/2016 1:00:00 PM	262800.000	122.394	19.203	275.703
41097.270	46214.488	30.260	31425.854	24.333

1.021				
3/18/2016 1:15:00 PM	263700.000	122.356	19.198	275.618
41106.828	46229.988	30.271	31436.395	24.327
1.021				
3/18/2016 1:30:00 PM	264600.000	122.314	19.193	275.525
41128.402	46259.441	30.293	31456.422	24.314
1.021				
3/18/2016 1:45:00 PM	265500.000	122.286	19.177	275.460
41082.586	46223.656	30.266	31432.088	24.341
1.021				
3/18/2016 2:00:00 PM	266400.000	122.258	19.175	275.398
41072.887	46214.559	30.259	31425.902	24.347
1.021				
3/18/2016 2:15:00 PM	267300.000	122.238	19.193	275.354
41101.086	46228.113	30.270	31435.119	24.330
1.021				
3/18/2016 2:30:00 PM	268200.000	122.251	19.194	275.383
41093.039	46218.289	30.263	31428.438	24.335
1.021				
3/18/2016 2:45:00 PM	269100.000	122.254	19.182	275.388
41092.930	46229.926	30.271	31436.352	24.335
1.021				
3/18/2016 3:00:00 PM	270000.000	122.242	19.191	275.362
41135.402	46268.879	30.299	31462.840	24.310
1.021				
3/18/2016 3:15:00 PM	270900.000	122.213	19.198	275.296
41108.664	46232.227	30.273	31437.916	24.326
1.021				
3/18/2016 3:30:00 PM	271800.000	122.240	19.197	275.358
41098.438	46221.156	30.265	31430.387	24.332
1.021				
3/18/2016 3:45:00 PM	272700.000	122.254	19.173	275.390
41098.289	46245.129	30.281	31446.689	24.332
1.021				
3/18/2016 4:00:00 PM	273600.000	122.276	19.177	275.439
41085.035	46226.063	30.267	31433.723	24.340
1.021				
3/18/2016 4:15:00 PM	274500.000	122.298	19.184	275.488
41100.555	46236.949	30.276	31441.125	24.331
1.021				
3/18/2016 4:30:00 PM	275400.000	122.327	19.186	275.553
41092.426	46225.723	30.268	31433.494	24.335
1.021				
3/18/2016 4:45:00 PM	276300.000	122.357	19.183	275.621
41086.570	46222.164	30.265	31431.074	24.339
1.021				
3/18/2016 5:00:00 PM	277200.000	122.422	19.176	275.768
41047.063	46184.289	30.237	31405.316	24.362
1.021				
3/18/2016 5:15:00 PM	278100.000	122.455	19.186	275.841
41057.277	46186.449	30.239	31406.785	24.356
1.021				
3/18/2016 5:30:00 PM	279000.000	122.500	19.185	275.942
41104.711	46240.230	30.278	31443.359	24.328
1.021				
3/18/2016 5:45:00 PM	279900.000	122.561	19.186	276.080
41080.320	46212.285	30.258	31424.355	24.343

1.021				
3/18/2016 6:00:00 PM	280800.000	122.564	19.189	276.088
41050.523	46175.125	30.231	31399.088	24.360
1.021				
3/18/2016 6:15:00 PM	281700.000	122.629	19.197	276.233
41121.605	46247.902	30.284	31448.576	24.318
1.021				
3/18/2016 6:30:00 PM	282600.000	122.637	19.205	276.252
41124.879	46243.617	30.282	31445.662	24.316
1.021				
3/18/2016 6:45:00 PM	283500.000	122.707	19.208	276.410
41099.070	46211.410	30.258	31423.762	24.331
1.021				
3/18/2016 7:00:00 PM	284400.000	122.749	19.203	276.504
41087.070	46203.109	30.252	31418.117	24.339
1.021				
3/18/2016 7:15:00 PM	285300.000	122.778	19.202	276.569
41096.133	46214.074	30.260	31425.572	24.333
1.021				
3/18/2016 7:30:00 PM	286200.000	122.812	19.190	276.647
41106.047	46236.809	30.276	31441.031	24.327
1.021				
3/18/2016 7:45:00 PM	287100.000	122.831	19.194	276.690
41079.316	46203.121	30.252	31418.125	24.343
1.021				
3/18/2016 8:00:00 PM	288000.000	122.855	19.185	276.744
41071.633	46203.551	30.251	31418.416	24.348
1.021				
3/18/2016 8:15:00 PM	288900.000	122.901	19.198	276.847
41097.359	46219.340	30.264	31429.154	24.332
1.021				
3/18/2016 8:30:00 PM	289800.000	122.929	19.192	276.909
41079.172	46204.586	30.253	31419.121	24.343
1.021				
3/18/2016 8:45:00 PM	290700.000	122.915	19.196	276.878
41112.227	46238.137	30.277	31441.936	24.324
1.021				
3/18/2016 9:00:00 PM	291600.000	122.945	19.187	276.946
41114.371	46249.379	30.285	31449.580	24.322
1.021				
3/18/2016 9:15:00 PM	292500.000	122.930	19.181	276.912
41094.875	46233.328	30.273	31438.666	24.334
1.021				
3/18/2016 9:30:00 PM	293400.000	122.972	19.190	277.006
41084.992	46212.957	30.259	31424.813	24.340
1.021				
3/18/2016 9:45:00 PM	294300.000	122.926	19.194	276.902
41107.598	46235.270	30.275	31439.984	24.326
1.021				
3/18/2016 10:00:00 PM	295200.000	122.925	19.198	276.900
41118.887	46243.387	30.281	31445.506	24.320
1.021				
3/18/2016 10:15:00 PM	296100.000	122.896	19.185	276.834
41096.906	46232.141	30.272	31437.857	24.333
1.021				
3/18/2016 10:30:00 PM	297000.000	122.926	19.194	276.904
41129.168	46259.191	30.292	31456.252	24.314



1.021				
3/18/2016 10:45:00 PM	297900.000	122.898	19.198	276.839
41096.227	46218.066	30.263	31428.287	24.333
1.021				
3/18/2016 11:00:00 PM	298800.000	122.848	19.187	276.726
41076.840	46206.820	30.254	31420.641	24.345
1.021				
3/18/2016 11:15:00 PM	299700.000	122.831	19.187	276.690
41097.641	46230.906	30.271	31437.018	24.332
1.021				
3/18/2016 11:30:00 PM	300600.000	122.818	19.187	276.659
41056.453	46183.961	30.237	31405.096	24.357
1.021				
3/18/2016 11:45:00 PM	301500.000	122.809	19.180	276.639
41076.582	46213.691	30.259	31425.313	24.345
1.021				
3/19/2016 12:00:00 AM	302400.000	122.753	19.188	276.513
41094.113	46225.805	30.268	31433.549	24.334
1.021				
3/19/2016 12:15:00 AM	303300.000	122.733	19.209	276.468
41141.203	46258.004	30.292	31455.445	24.307
1.021				
3/19/2016 12:30:00 AM	304200.000	122.702	19.204	276.397
41096.516	46212.512	30.259	31424.510	24.333
1.021				
3/19/2016 12:45:00 AM	305100.000	122.657	19.188	276.296
41084.199	46214.145	30.259	31425.621	24.340
1.021				
3/19/2016 1:00:00 AM	306000.000	122.660	19.188	276.303
41072.918	46202.223	30.251	31417.514	24.347
1.021				
3/19/2016 1:15:00 AM	306900.000	122.637	19.201	276.252
41122.320	46244.387	30.282	31446.184	24.318
1.021				
3/19/2016 1:30:00 AM	307800.000	122.578	19.194	276.120
41053.328	46173.277	30.230	31397.828	24.359
1.021				
3/19/2016 1:45:00 AM	308700.000	122.583	19.185	276.129
41071.453	46203.508	30.251	31418.387	24.348
1.021				
3/19/2016 2:00:00 AM	309600.000	122.543	19.187	276.039
41067.824	46196.926	30.247	31413.912	24.350
1.021				
3/19/2016 2:15:00 AM	310500.000	122.562	19.188	276.083
41098.645	46230.473	30.271	31436.725	24.332
1.021				
3/19/2016 2:30:00 AM	311400.000	122.534	19.189	276.020
41126.652	46261.629	30.294	31457.910	24.315
1.021				
3/19/2016 2:45:00 AM	312300.000	122.525	19.179	276.000
41052.531	46188.109	30.240	31407.916	24.359
1.021				
3/19/2016 3:00:00 AM	313200.000	122.511	19.185	275.969
41072.063	46203.504	30.251	31418.385	24.347
1.021				
3/19/2016 3:15:00 AM	314100.000	122.520	19.179	275.988
41101.777	46243.262	30.280	31445.420	24.330

1.021				
3/19/2016 3:30:00 AM	315000.000	122.556	19.198	276.070
41103.824	46226.957	30.269	31434.334	24.329
1.021				
3/19/2016 3:45:00 AM	315900.000	122.560	19.200	276.078
41130.070	46254.406	30.289	31452.998	24.313
1.021				
3/19/2016 4:00:00 AM	316800.000	122.584	19.191	276.132
41051.809	46175.375	30.231	31399.258	24.359
1.021				
3/19/2016 4:15:00 AM	317700.000	122.577	19.188	276.117
41095.492	46227.270	30.269	31434.543	24.334
1.021				
3/19/2016 4:30:00 AM	318600.000	122.613	19.192	276.198
41098.355	46226.164	30.268	31433.793	24.332
1.021				
3/19/2016 4:45:00 AM	319500.000	122.622	19.179	276.218
41098.219	46239.598	30.277	31442.926	24.332
1.021				
3/19/2016 5:00:00 AM	320400.000	122.680	19.185	276.348
41058.168	46187.875	30.240	31407.756	24.356
1.021				
3/19/2016 5:15:00 AM	321300.000	122.699	19.202	276.392
41101.980	46220.391	30.265	31429.867	24.330
1.021				
3/19/2016 5:30:00 AM	322200.000	122.750	19.198	276.507
41115.008	46239.535	30.278	31442.887	24.322
1.021				
3/19/2016 5:45:00 AM	323100.000	122.778	19.199	276.569
41080.641	46199.324	30.249	31415.543	24.342
1.021				
3/19/2016 6:00:00 AM	324000.000	122.818	19.192	276.659
41111.820	46241.059	30.279	31443.922	24.324
1.021				
3/19/2016 6:15:00 AM	324900.000	122.839	19.193	276.706
41112.094	46240.586	30.279	31443.602	24.324
1.021				
3/19/2016 6:30:00 AM	325800.000	122.865	19.190	276.765
41091.281	46219.941	30.264	31429.563	24.336
1.021				
3/19/2016 6:45:00 AM	326700.000	122.929	19.205	276.909
41068.688	46180.348	30.235	31402.637	24.349
1.021				
3/19/2016 7:00:00 AM	327600.000	122.930	19.215	276.912
41103.418	46209.734	30.257	31422.621	24.329
1.021				
3/19/2016 7:15:00 AM	328500.000	122.951	19.201	276.959
41108.164	46228.809	30.271	31435.590	24.326
1.021				
3/19/2016 7:30:00 AM	329400.000	122.985	19.198	277.037
41076.227	46196.004	30.247	31413.285	24.345
1.021				
3/19/2016 7:45:00 AM	330300.000	122.991	19.195	277.050
41117.734	46245.461	30.282	31446.914	24.320
1.021				
3/19/2016 8:00:00 AM	331200.000	123.049	19.194	277.179
41084.375	46208.883	30.256	31422.043	24.340

1.021				
3/19/2016 8:15:00 AM	332100.000	123.022	19.196	277.120
41127.742	46255.934	30.290	31454.037	24.314
1.021				
3/19/2016 8:30:00 AM	333000.000	123.063	19.195	277.211
41087.039	46210.852	30.257	31423.381	24.339
1.021				
3/19/2016 8:45:00 AM	333900.000	123.079	19.194	277.247
41098.777	46224.660	30.267	31432.771	24.332
1.021				
3/19/2016 9:00:00 AM	334800.000	123.043	19.204	277.167
41126.871	46246.465	30.284	31447.598	24.315
1.021				
3/19/2016 9:15:00 AM	335700.000	123.055	19.196	277.192
41066.895	46187.059	30.240	31407.199	24.351
1.021				
3/19/2016 9:30:00 AM	336600.000	123.003	19.194	277.076
41132.031	46261.797	30.294	31458.023	24.312
1.021				
3/19/2016 9:45:00 AM	337500.000	122.985	19.202	277.035
41071.344	46186.539	30.240	31406.850	24.348
1.021				
3/19/2016 10:00:00 AM	338400.000	122.973	19.201	277.008
41068.258	46183.930	30.238	31405.072	24.350
1.021				
3/19/2016 10:15:00 AM	339300.000	122.925	19.192	276.900
41032.906	46152.723	30.215	31383.854	24.371
1.021				
3/19/2016 10:30:00 AM	340200.000	122.886	19.187	276.814
41082.695	46214.172	30.259	31425.639	24.341
1.021				
3/19/2016 10:45:00 AM	341100.000	122.862	19.189	276.758
41063.770	46190.383	30.242	31409.463	24.352
1.021				
3/19/2016 11:00:00 AM	342000.000	122.793	19.184	276.603
41094.012	46229.324	30.270	31435.943	24.334
1.021				
3/19/2016 11:15:00 AM	342900.000	122.767	19.185	276.544
41092.176	46226.477	30.268	31434.006	24.336
1.021				
3/19/2016 11:30:00 AM	343800.000	122.720	19.191	276.440
41079.285	46205.758	30.253	31419.918	24.343
1.021				
3/19/2016 11:45:00 AM	344700.000	122.689	19.195	276.368
41086.895	46210.691	30.257	31423.271	24.339
1.021				
3/19/2016 12:00:00 PM	345600.000	122.636	19.194	276.250
41059.207	46180.414	30.235	31402.684	24.355
1.021				
3/19/2016 12:15:00 PM	346500.000	122.612	19.186	276.195
41064.414	46193.695	30.244	31411.715	24.352
1.021				
3/19/2016 12:30:00 PM	347400.000	122.548	19.186	276.052
41070.836	46201.527	30.250	31417.039	24.348
1.021				
3/19/2016 12:45:00 PM	348300.000	122.483	19.188	275.904
41072.168	46200.609	30.249	31416.416	24.347

1.021				
3/19/2016 1:00:00 PM	349200.000	122.416	19.189	275.754
41063.547	46189.957	30.242	31409.174	24.352
1.021				
3/19/2016 1:15:00 PM	350100.000	122.358	19.189	275.624
41069.188	46196.566	30.247	31413.668	24.349
1.021				
3/19/2016 1:30:00 PM	351000.000	122.353	19.183	275.613
41094.043	46230.746	30.271	31436.910	24.334
1.021				
3/19/2016 1:45:00 PM	351900.000	122.301	19.185	275.496
41048.801	46177.949	30.233	31401.006	24.361
1.021				
3/19/2016 2:00:00 PM	352800.000	122.265	19.185	275.413
41079.492	46211.953	30.258	31424.129	24.343
1.021				
3/19/2016 2:15:00 PM	353700.000	122.224	19.188	275.322
41079.391	46208.551	30.255	31421.816	24.343
1.021				
3/19/2016 2:30:00 PM	354600.000	122.238	19.188	275.353
41063.695	46191.418	30.243	31410.166	24.352
1.021				
3/19/2016 2:45:00 PM	355500.000	122.196	19.188	275.259
41102.332	46235.047	30.275	31439.832	24.330
1.021				
3/19/2016 3:00:00 PM	356400.000	122.199	19.184	275.264
41068.613	46200.402	30.249	31416.275	24.349
1.021				
3/19/2016 3:15:00 PM	357300.000	122.157	19.183	275.171
41056.000	46187.945	30.240	31407.805	24.357
1.021				
3/19/2016 3:30:00 PM	358200.000	122.154	19.188	275.163
41073.566	46202.523	30.251	31417.719	24.347
1.021				
3/19/2016 3:45:00 PM	359100.000	122.129	19.188	275.108
41044.418	46169.477	30.227	31395.246	24.364
1.021				
3/19/2016 4:00:00 PM	360000.000	122.127	19.190	275.104
41058.922	46183.633	30.237	31404.873	24.355
1.021				
3/19/2016 4:15:00 PM	360900.000	122.154	19.185	275.163
41050.797	46180.270	30.234	31402.586	24.360
1.021				
3/19/2016 4:30:00 PM	361800.000	122.176	19.194	275.214
41098.547	46224.750	30.267	31432.830	24.332
1.021				
3/19/2016 4:45:00 PM	362700.000	122.209	19.195	275.287
41055.875	46175.969	30.232	31399.660	24.357
1.021				
3/19/2016 5:00:00 PM	363600.000	122.212	19.190	275.294
41062.910	46188.902	30.241	31408.455	24.353
1.021				
3/19/2016 5:15:00 PM	364500.000	122.280	19.184	275.447
41045.488	46175.250	30.231	31399.172	24.363
1.021				
3/19/2016 5:30:00 PM	365400.000	122.245	19.191	275.369
41033.465	46154.305	30.216	31384.930	24.370

1.021				
3/19/2016 5:45:00 PM	366300.000	122.318	19.196	275.532
41077.559	46198.629	30.248	31415.070	24.344
1.021				
3/19/2016 6:00:00 PM	367200.000	122.367	19.190	275.644
41032.887	46155.129	30.216	31385.490	24.371
1.021				
3/19/2016 6:15:00 PM	368100.000	122.438	19.196	275.805
41023.078	46137.441	30.204	31373.463	24.377
1.021				
3/19/2016 6:30:00 PM	369000.000	122.459	19.200	275.851
41045.207	46158.180	30.219	31387.564	24.363
1.021				
3/19/2016 6:45:00 PM	369900.000	122.510	19.200	275.966
41090.816	46209.730	30.257	31422.619	24.336
1.021				
3/19/2016 7:00:00 PM	370800.000	122.544	19.203	276.041
41027.863	46135.836	30.203	31372.369	24.374
1.021				
3/19/2016 7:15:00 PM	371700.000	122.550	19.204	276.055
41064.844	46176.641	30.233	31400.115	24.352
1.021				
3/19/2016 7:30:00 PM	372600.000	122.646	19.200	276.272
41044.262	46157.641	30.219	31387.197	24.364
1.021				
3/19/2016 7:45:00 PM	373500.000	122.691	19.197	276.374
41023.621	46137.363	30.204	31373.410	24.376
1.021				
3/19/2016 8:00:00 PM	374400.000	122.684	19.199	276.358
41036.980	46150.316	30.213	31382.215	24.368
1.021				
3/19/2016 8:15:00 PM	375300.000	122.729	19.202	276.460
41049.246	46161.512	30.222	31389.830	24.361
1.021				
3/19/2016 8:30:00 PM	376200.000	122.776	19.202	276.564
41028.840	46137.879	30.204	31373.760	24.373
1.021				
3/19/2016 8:45:00 PM	377100.000	122.782	19.205	276.579
41046.750	46155.078	30.217	31385.455	24.362
1.021				
3/19/2016 9:00:00 PM	378000.000	122.800	19.207	276.618
41038.676	46144.621	30.209	31378.344	24.367
1.021				
3/19/2016 9:15:00 PM	378900.000	122.832	19.200	276.691
41029.469	46141.004	30.206	31375.885	24.373
1.021				
3/19/2016 9:30:00 PM	379800.000	122.862	19.195	276.759
41027.730	46144.148	30.209	31378.023	24.374
1.021				
3/19/2016 9:45:00 PM	380700.000	122.846	19.204	276.722
41023.754	46130.773	30.199	31368.928	24.376
1.021				
3/19/2016 10:00:00 PM	381600.000	122.860	19.209	276.753
41021.082	46122.434	30.193	31363.256	24.378
1.021				
3/19/2016 10:15:00 PM	382500.000	122.855	19.208	276.743
41006.582	46106.813	30.182	31352.635	24.386

1.021				
3/19/2016 10:30:00 PM	383400.000	122.876	19.205	276.790
41035.180	46142.754	30.208	31377.074	24.369
1.021				
3/19/2016 10:45:00 PM	384300.000	122.820	19.199	276.663
41027.086	46139.363	30.205	31374.770	24.374
1.021				
3/19/2016 11:00:00 PM	385200.000	122.801	19.201	276.622
41036.707	46148.543	30.212	31381.012	24.368
1.021				
3/19/2016 11:15:00 PM	386100.000	122.782	19.200	276.579
41015.941	46126.133	30.196	31365.771	24.381
1.021				
3/19/2016 11:30:00 PM	387000.000	122.784	19.198	276.584
41024.438	46137.504	30.204	31373.504	24.376
1.021				
3/19/2016 11:45:00 PM	387900.000	122.764	19.200	276.538
41044.070	46157.426	30.218	31387.053	24.364
1.021				
3/20/2016 12:00:00 AM	388800.000	122.698	19.212	276.389
41032.500	46132.328	30.201	31369.986	24.371
1.021				
3/20/2016 12:15:00 AM	389700.000	122.720	19.202	276.439
41024.426	46133.180	30.201	31370.564	24.376
1.021				
3/20/2016 12:30:00 AM	390600.000	122.663	19.198	276.311
41008.746	46119.773	30.191	31361.447	24.385
1.021				
3/20/2016 12:45:00 AM	391500.000	122.650	19.198	276.281
41005.543	46116.078	30.188	31358.934	24.387
1.021				
3/20/2016 1:00:00 AM	392400.000	122.581	19.196	276.125
41025.172	46140.133	30.206	31375.291	24.375
1.021				
3/20/2016 1:15:00 AM	393300.000	122.565	19.199	276.091
40959.984	46063.375	30.150	31323.098	24.414
1.021				
3/20/2016 1:30:00 AM	394200.000	122.518	19.208	275.985
41007.270	46108.102	30.183	31353.512	24.386
1.021				
3/20/2016 1:45:00 AM	395100.000	122.536	19.197	276.025
40976.891	46084.977	30.165	31337.785	24.404
1.021				
3/20/2016 2:00:00 AM	396000.000	122.443	19.198	275.816
40958.559	46062.723	30.149	31322.654	24.415
1.021				
3/20/2016 2:15:00 AM	396900.000	122.479	19.199	275.895
40988.867	46096.113	30.174	31345.359	24.397
1.021				
3/20/2016 2:30:00 AM	397800.000	122.443	19.202	275.816
40988.000	46092.641	30.171	31342.998	24.397
1.021				
3/20/2016 2:45:00 AM	398700.000	122.395	19.200	275.707
40962.250	46065.676	30.152	31324.662	24.413
1.021				
3/20/2016 3:00:00 AM	399600.000	122.349	19.199	275.603
40975.199	46081.094	30.163	31335.146	24.405

1.021				
3/20/2016 3:15:00 AM	400500.000	122.344	19.201	275.593
40976.566	46080.305	30.162	31334.607	24.404
1.021				
3/20/2016 3:30:00 AM	401400.000	122.341	19.199	275.584
40974.781	46080.109	30.162	31334.477	24.405
1.021				
3/20/2016 3:45:00 AM	402300.000	122.381	19.208	275.674
40935.027	46026.441	30.123	31297.980	24.429
1.021				
3/20/2016 4:00:00 AM	403200.000	122.375	19.206	275.662
40955.777	46051.938	30.142	31315.318	24.417
1.021				
3/20/2016 4:15:00 AM	404100.000	122.409	19.201	275.737
40972.168	46075.871	30.159	31331.592	24.407
1.021				
3/20/2016 4:30:00 AM	405000.000	122.404	19.203	275.727
40952.445	46051.539	30.141	31315.049	24.419
1.021				
3/20/2016 4:45:00 AM	405900.000	122.421	19.202	275.766
40929.496	46026.426	30.123	31297.973	24.432
1.021				
3/20/2016 5:00:00 AM	406800.000	122.433	19.204	275.792
40982.789	46084.793	30.166	31337.662	24.400
1.021				
3/20/2016 5:15:00 AM	407700.000	122.467	19.201	275.870
40906.777	46001.559	30.105	31281.061	24.446
1.021				
3/20/2016 5:30:00 AM	408600.000	122.480	19.201	275.898
40947.785	46048.027	30.139	31312.660	24.421
1.021				
3/20/2016 5:45:00 AM	409500.000	122.526	19.200	276.002
40904.770	46001.109	30.104	31280.756	24.447
1.021				
3/20/2016 6:00:00 AM	410400.000	122.553	19.211	276.062
40953.988	46045.180	30.137	31310.725	24.418
1.021				
3/20/2016 6:15:00 AM	411300.000	122.597	19.204	276.161
40914.465	46007.617	30.109	31285.182	24.441
1.021				
3/20/2016 6:30:00 AM	412200.000	122.674	19.204	276.335
40895.449	45985.813	30.093	31270.355	24.453
1.021				
3/20/2016 6:45:00 AM	413100.000	122.680	19.210	276.348
40910.523	45997.090	30.102	31278.023	24.444
1.021				
3/20/2016 7:00:00 AM	414000.000	122.749	19.207	276.504
40876.352	45961.586	30.076	31253.879	24.464
1.021				
3/20/2016 7:15:00 AM	414900.000	122.716	19.213	276.429
40866.770	45945.488	30.064	31242.934	24.470
1.021				
3/20/2016 7:30:00 AM	415800.000	122.754	19.206	276.515
40865.816	45951.121	30.068	31246.764	24.470
1.021				
3/20/2016 7:45:00 AM	416700.000	122.810	19.209	276.642
40890.516	45975.965	30.087	31263.658	24.456

1.021				
3/20/2016 8:00:00 AM	417600.000	122.831	19.213	276.688
40859.922	45937.273	30.058	31237.346	24.474
1.021				
3/20/2016 8:15:00 AM	418500.000	122.872	19.210	276.782
40873.680	45956.090	30.072	31250.143	24.466
1.021				
3/20/2016 8:30:00 AM	419400.000	122.885	19.216	276.811
40871.820	45947.723	30.066	31244.453	24.467
1.021				
3/20/2016 8:45:00 AM	420300.000	122.935	19.219	276.923
40883.688	45958.746	30.074	31251.949	24.460
1.021				
3/20/2016 9:00:00 AM	421200.000	122.929	19.215	276.909
40889.992	45968.844	30.082	31258.816	24.456
1.021				
3/20/2016 9:15:00 AM	422100.000	122.902	19.212	276.849
40867.082	45946.695	30.065	31243.756	24.470
1.021				
3/20/2016 9:30:00 AM	423000.000	122.921	19.211	276.892
40841.617	45919.176	30.045	31225.041	24.485
1.021				
3/20/2016 9:45:00 AM	423900.000	122.932	19.217	276.917
40857.449	45930.453	30.054	31232.709	24.475
1.021				
3/20/2016 10:00:00 AM	424800.000	122.898	19.209	276.839
40813.258	45889.008	30.023	31204.527	24.502
1.021				
3/20/2016 10:15:00 AM	425700.000	122.915	19.214	276.878
40817.875	45889.402	30.024	31204.793	24.499
1.021				
3/20/2016 10:30:00 AM	426600.000	122.869	19.215	276.774
40840.746	45913.574	30.041	31221.232	24.485
1.021				
3/20/2016 10:45:00 AM	427500.000	122.825	19.210	276.676
40806.293	45880.152	30.017	31198.506	24.506
1.021				
3/20/2016 11:00:00 AM	428400.000	122.834	19.214	276.696
40858.566	45935.148	30.057	31235.902	24.475
1.021				
3/20/2016 11:15:00 AM	429300.000	122.777	19.209	276.566
40795.828	45869.500	30.009	31191.262	24.512
1.021				
3/20/2016 11:30:00 AM	430200.000	122.765	19.214	276.540
40833.074	45906.055	30.036	31216.117	24.490
1.021				
3/20/2016 11:45:00 AM	431100.000	122.709	19.213	276.413
40835.176	45910.047	30.039	31218.834	24.489
1.021				
3/20/2016 12:00:00 PM	432000.000	122.674	19.212	276.335
40829.668	45904.457	30.035	31215.033	24.492
1.021				
3/20/2016 12:15:00 PM	432900.000	122.608	19.210	276.187
40744.500	45810.422	29.966	31151.088	24.543
1.021				
3/20/2016 12:30:00 PM	433800.000	122.565	19.211	276.091
40780.020	45849.164	29.994	31177.434	24.522



1.021				
3/20/2016 12:45:00 PM	434700.000	122.517	19.211	275.982
40770.258	45838.188	29.986	31169.969	24.528
1.021				
3/20/2016 1:00:00 PM	435600.000	122.468	19.208	275.872
40753.117	45822.766	29.975	31159.480	24.538
1.021				
3/20/2016 1:15:00 PM	436500.000	122.427	19.209	275.778
40769.160	45839.262	29.987	31170.699	24.528
1.021				
3/20/2016 1:30:00 PM	437400.000	122.358	19.208	275.623
40727.000	45792.805	29.953	31139.109	24.554
1.021				
3/20/2016 1:45:00 PM	438300.000	122.324	19.211	275.547
40725.051	45787.699	29.949	31135.637	24.555
1.021				
3/20/2016 2:00:00 PM	439200.000	122.264	19.208	275.412
40726.750	45792.605	29.953	31138.973	24.554
1.021				
3/20/2016 2:15:00 PM	440100.000	122.205	19.209	275.279
40742.484	45809.352	29.965	31150.359	24.544
1.021				
3/20/2016 2:30:00 PM	441000.000	122.191	19.203	275.247
40759.824	45835.117	29.984	31167.883	24.534
1.021				
3/20/2016 2:45:00 PM	441900.000	122.180	19.208	275.222
40681.809	45742.590	29.916	31104.963	24.581
1.021				
3/20/2016 3:00:00 PM	442800.000	122.115	19.203	275.075
40692.875	45759.832	29.929	31116.688	24.574
1.021				
3/20/2016 3:15:00 PM	443700.000	122.090	19.205	275.021
40700.891	45766.949	29.934	31121.527	24.569
1.021				
3/20/2016 3:30:00 PM	444600.000	122.103	19.205	275.048
40659.020	45719.094	29.899	31088.986	24.595
1.021				
3/20/2016 3:45:00 PM	445500.000	122.082	19.211	275.001
40626.199	45676.297	29.868	31059.885	24.615
1.021				
3/20/2016 4:00:00 PM	446400.000	122.066	19.206	274.965
40666.340	45726.988	29.905	31094.354	24.590
1.021				
3/20/2016 4:15:00 PM	447300.000	122.076	19.205	274.989
40631.391	45688.285	29.877	31068.037	24.612
1.021				
3/20/2016 4:30:00 PM	448200.000	122.084	19.207	275.007
40636.566	45692.313	29.880	31070.773	24.608
1.021				
3/20/2016 4:45:00 PM	449100.000	122.057	19.208	274.944
40630.656	45685.074	29.874	31065.854	24.612
1.021				
3/20/2016 5:00:00 PM	450000.000	122.079	19.208	274.995
40610.813	45662.582	29.858	31050.559	24.624
1.021				
3/20/2016 5:15:00 PM	450900.000	122.096	19.211	275.034
40620.207	45669.734	29.863	31055.422	24.618

1.021				
3/20/2016 5:30:00 PM	451800.000	122.141	19.206	275.134
40612.754	45666.480	29.861	31053.209	24.623
1.021				
3/20/2016 5:45:00 PM	452700.000	122.149	19.213	275.152
40592.797	45637.375	29.840	31033.416	24.635
1.021				
3/20/2016 6:00:00 PM	453600.000	122.193	19.210	275.251
40589.305	45635.844	29.839	31032.377	24.637
1.021				
3/20/2016 6:15:00 PM	454500.000	122.224	19.213	275.321
40586.273	45629.711	29.834	31028.203	24.639
1.021				
3/20/2016 6:30:00 PM	455400.000	122.300	19.213	275.493
40584.563	45627.438	29.833	31026.658	24.640
1.021				
3/20/2016 6:45:00 PM	456300.000	122.327	19.210	275.553
40576.766	45622.258	29.829	31023.137	24.645
1.021				
3/20/2016 7:00:00 PM	457200.000	122.372	19.219	275.654
40565.172	45599.840	29.813	31007.893	24.652
1.021				
3/20/2016 7:15:00 PM	458100.000	122.425	19.216	275.773
40568.609	45607.453	29.818	31013.068	24.650
1.021				
3/20/2016 7:30:00 PM	459000.000	122.459	19.217	275.851
40536.254	45569.633	29.791	30987.352	24.669
1.021				
3/20/2016 7:45:00 PM	459900.000	122.476	19.222	275.889
40531.496	45559.094	29.783	30980.184	24.672
1.021				
3/20/2016 8:00:00 PM	460800.000	122.547	19.216	276.049
40541.129	45576.219	29.796	30991.828	24.666
1.021				
3/20/2016 8:15:00 PM	461700.000	122.605	19.216	276.179
40557.195	45594.023	29.809	31003.938	24.657
1.021				
3/20/2016 8:30:00 PM	462600.000	122.628	19.222	276.231
40568.453	45600.973	29.814	31008.664	24.650
1.021				
3/20/2016 8:45:00 PM	463500.000	122.676	19.217	276.340
40533.469	45566.672	29.789	30985.340	24.671
1.021				
3/20/2016 9:00:00 PM	464400.000	122.693	19.217	276.379
40544.035	45578.805	29.797	30993.590	24.665
1.021				
3/20/2016 9:15:00 PM	465300.000	122.738	19.216	276.480
40546.914	45582.465	29.800	30996.078	24.663
1.021				
3/20/2016 9:30:00 PM	466200.000	122.753	19.224	276.514
40538.004	45564.695	29.788	30983.994	24.668
1.021				
3/20/2016 9:45:00 PM	467100.000	122.759	19.223	276.527
40522.824	45549.172	29.776	30973.438	24.677
1.021				
3/20/2016 10:00:00 PM	468000.000	122.755	19.223	276.518
40538.133	45565.961	29.788	30984.855	24.668

1.021				
3/20/2016 10:15:00 PM	468900.000	122.767	19.220	276.544
40564.578	45598.746	29.812	31007.150	24.652
1.021				
3/20/2016 10:30:00 PM	469800.000	122.809	19.215	276.639
40536.680	45572.156	29.793	30989.066	24.669
1.021				
3/20/2016 10:45:00 PM	470700.000	122.812	19.222	276.647
40522.688	45549.441	29.776	30973.623	24.678
1.021				
3/20/2016 11:00:00 PM	471600.000	122.787	19.228	276.590
40511.031	45530.805	29.763	30960.949	24.685
1.021				
3/20/2016 11:15:00 PM	472500.000	122.795	19.225	276.608
40543.488	45570.098	29.791	30987.668	24.665
1.021				
3/20/2016 11:30:00 PM	473400.000	122.760	19.226	276.530
40523.793	45547.191	29.775	30972.092	24.677
1.021				
3/20/2016 11:45:00 PM	474300.000	122.726	19.218	276.452
40535.676	45567.867	29.790	30986.152	24.670
1.021				
3/21/2016 12:00:00 AM	475200.000	122.735	19.225	276.472
40507.195	45529.387	29.762	30959.984	24.687
1.021				
3/21/2016 12:15:00 AM	476100.000	122.680	19.222	276.348
40510.723	45536.328	29.767	30964.705	24.685
1.021				
3/21/2016 12:30:00 AM	477000.000	122.639	19.221	276.257
40502.484	45527.328	29.760	30958.586	24.690
1.021				
3/21/2016 12:45:00 AM	477900.000	122.612	19.224	276.195
40521.773	45546.367	29.774	30971.531	24.678
1.021				
3/21/2016 1:00:00 AM	478800.000	122.603	19.213	276.176
40495.191	45526.961	29.760	30958.336	24.694
1.021				
3/21/2016 1:15:00 AM	479700.000	122.566	19.215	276.093
40491.113	45520.512	29.755	30953.951	24.697
1.021				
3/21/2016 1:30:00 AM	480600.000	122.531	19.229	276.012
40527.273	45548.289	29.776	30972.838	24.675
1.021				
3/21/2016 1:45:00 AM	481500.000	122.486	19.221	275.911
40495.590	45519.996	29.755	30953.600	24.694
1.021				
3/21/2016 2:00:00 AM	482400.000	122.450	19.221	275.830
40510.199	45536.090	29.767	30964.543	24.685
1.021				
3/21/2016 2:15:00 AM	483300.000	122.451	19.220	275.834
40532.672	45562.277	29.786	30982.352	24.671
1.021				
3/21/2016 2:30:00 AM	484200.000	122.409	19.218	275.739
40504.883	45533.855	29.765	30963.021	24.688
1.021				
3/21/2016 2:45:00 AM	485100.000	122.347	19.212	275.598
40541.957	45581.250	29.799	30995.250	24.666

1.021				
3/21/2016 3:00:00 AM	486000.000	122.354	19.216	275.615
40506.223	45536.902	29.767	30965.096	24.688
1.021				
3/21/2016 3:15:00 AM	486900.000	122.323	19.217	275.545
40533.227	45565.797	29.788	30984.742	24.671
1.021				
3/21/2016 3:30:00 AM	487800.000	122.283	19.217	275.453
40492.930	45521.266	29.756	30954.463	24.696
1.021				
3/21/2016 3:45:00 AM	488700.000	122.291	19.213	275.472
40440.582	45465.738	29.715	30916.705	24.728
1.021				
3/21/2016 4:00:00 AM	489600.000	122.286	19.223	275.461
40499.527	45522.902	29.757	30955.576	24.692
1.021				
3/21/2016 4:15:00 AM	490500.000	122.264	19.219	275.412
40477.609	45502.098	29.742	30941.428	24.705
1.021				
3/21/2016 4:30:00 AM	491400.000	122.281	19.218	275.451
40482.074	45507.457	29.746	30945.072	24.702
1.021				
3/21/2016 4:45:00 AM	492300.000	122.283	19.218	275.453
40450.086	45471.500	29.719	30920.621	24.722
1.021				
3/21/2016 5:00:00 AM	493200.000	122.292	19.224	275.474
40430.508	45443.617	29.699	30901.660	24.734
1.021				
3/21/2016 5:15:00 AM	494100.000	122.274	19.215	275.434
40445.961	45469.996	29.718	30919.600	24.724
1.021				
3/21/2016 5:30:00 AM	495000.000	122.338	19.217	275.579
40448.102	45470.707	29.719	30920.084	24.723
1.021				
3/21/2016 5:45:00 AM	495900.000	122.373	19.215	275.657
40461.227	45486.914	29.730	30931.104	24.715
1.021				
3/21/2016 6:00:00 AM	496800.000	122.374	19.218	275.660
40453.242	45475.465	29.722	30923.316	24.720
1.021				
3/21/2016 6:15:00 AM	497700.000	122.391	19.223	275.697
40449.090	45465.691	29.715	30916.672	24.722
1.021				
3/21/2016 6:30:00 AM	498600.000	122.449	19.218	275.828
40429.984	45449.320	29.703	30905.541	24.734
1.021				
3/21/2016 6:45:00 AM	499500.000	122.486	19.220	275.911
40423.441	45439.836	29.696	30899.090	24.738
1.021				
3/21/2016 7:00:00 AM	500400.000	122.516	19.219	275.980
40414.723	45431.484	29.690	30893.412	24.743
1.021				
3/21/2016 7:15:00 AM	501300.000	122.553	19.221	276.063
40405.809	45419.516	29.682	30885.273	24.749
1.021				
3/21/2016 7:30:00 AM	502200.000	122.619	19.219	276.210
40415.871	45432.695	29.691	30894.234	24.743

1.021				
3/21/2016 7:45:00 AM	503100.000	122.645	19.221	276.270
40407.266	45421.152	29.683	30886.387	24.748
1.021				
3/21/2016 8:00:00 AM	504000.000	122.680	19.220	276.348
40401.824	45415.535	29.679	30882.566	24.751
1.021				
3/21/2016 8:15:00 AM	504900.000	122.761	19.225	276.532
40428.082	45440.215	29.697	30899.348	24.735
1.021				
3/21/2016 8:30:00 AM	505800.000	122.755	19.223	276.517
40421.719	45434.594	29.693	30895.525	24.739
1.021				
3/21/2016 8:45:00 AM	506700.000	122.770	19.233	276.551
40394.570	45394.992	29.664	30868.598	24.756
1.021				
3/21/2016 9:00:00 AM	507600.000	122.815	19.222	276.652
40421.160	45435.500	29.693	30896.143	24.740
1.021				
3/21/2016 9:15:00 AM	508500.000	122.815	19.224	276.652
40403.891	45413.867	29.678	30881.432	24.750
1.021				
3/21/2016 9:30:00 AM	509400.000	122.859	19.224	276.751
40401.465	45411.484	29.676	30879.813	24.752
1.021				
3/21/2016 9:45:00 AM	510300.000	122.859	19.228	276.751
40393.242	45398.086	29.666	30870.701	24.757
1.021				
3/21/2016 10:00:00 AM	511200.000	122.858	19.226	276.749
40430.387	45441.867	29.698	30900.473	24.734
1.021				
3/21/2016 10:15:00 AM	512100.000	122.839	19.222	276.706
40419.418	45433.539	29.692	30894.809	24.741
1.021				
3/21/2016 10:30:00 AM	513000.000	122.860	19.229	276.753
40406.305	45411.652	29.676	30879.924	24.749
1.021				
3/21/2016 10:45:00 AM	513900.000	122.866	19.222	276.767
40388.582	45398.953	29.667	30871.291	24.759
1.021				
3/21/2016 11:00:00 AM	514800.000	122.868	19.222	276.771
40410.984	45423.547	29.685	30888.014	24.746
1.021				
3/21/2016 11:15:00 AM	515700.000	122.845	19.221	276.720
40429.000	45444.988	29.700	30902.594	24.735
1.021				
3/21/2016 11:30:00 AM	516600.000	122.804	19.222	276.628
40364.938	45372.301	29.647	30853.164	24.774
1.021				
3/21/2016 11:45:00 AM	517500.000	122.749	19.224	276.504
40409.965	45421.039	29.683	30886.309	24.746
1.021				
3/21/2016 12:00:00 PM	518400.000	122.751	19.228	276.509
40400.539	45406.793	29.673	30876.621	24.752
1.021				
3/21/2016 12:15:00 PM	519300.000	122.710	19.228	276.415
40435.512	45445.930	29.701	30903.234	24.731

1.021				
3/21/2016 12:30:00 PM	520200.000	122.714	19.228	276.426
40400.793	45406.574	29.673	30876.473	24.752
1.021				
3/21/2016 12:45:00 PM	521100.000	122.603	19.218	276.176
40385.477	45399.113	29.667	30871.396	24.761
1.021				
3/21/2016 1:00:00 PM	522000.000	122.584	19.219	276.132
40426.707	45444.277	29.700	30902.111	24.736
1.021				
3/21/2016 1:15:00 PM	522900.000	122.561	19.219	276.080
40381.680	45394.422	29.663	30868.207	24.764
1.021				
3/21/2016 1:30:00 PM	523800.000	122.495	19.218	275.932
40418.926	45436.887	29.694	30897.086	24.741
1.021				
3/21/2016 1:45:00 PM	524700.000	122.424	19.222	275.771
40369.766	45377.730	29.651	30856.859	24.771
1.021				
3/21/2016 2:00:00 PM	525600.000	122.439	19.215	275.807
40369.125	45383.617	29.655	30860.861	24.771
1.021				
3/21/2016 2:15:00 PM	526500.000	122.363	19.221	275.635
40378.551	45388.277	29.659	30864.031	24.766
1.021				
3/21/2016 2:30:00 PM	527400.000	122.316	19.220	275.528
40394.383	45407.258	29.673	30876.938	24.756
1.021				
3/21/2016 2:45:00 PM	528300.000	122.262	19.219	275.407
40369.602	45380.504	29.653	30858.744	24.771
1.021				
3/21/2016 3:00:00 PM	529200.000	122.238	19.220	275.353
40347.605	45354.336	29.634	30840.949	24.785
1.021				
3/21/2016 3:15:00 PM	530100.000	122.200	19.220	275.267
40359.023	45367.859	29.644	30850.145	24.778
1.021				
3/21/2016 3:30:00 PM	531000.000	122.175	19.219	275.210
40306.070	45309.172	29.601	30810.238	24.810
1.021				
3/21/2016 3:45:00 PM	531900.000	122.147	19.217	275.147
40324.043	45330.742	29.617	30824.906	24.799
1.021				
3/21/2016 4:00:00 PM	532800.000	122.117	19.215	275.079
40288.406	45293.133	29.589	30799.332	24.821
1.021				
3/21/2016 4:15:00 PM	533700.000	122.127	19.220	275.103
40298.180	45298.777	29.594	30803.170	24.815
1.021				
3/21/2016 4:30:00 PM	534600.000	122.153	19.219	275.163
40283.234	45282.820	29.582	30792.320	24.824
1.021				
3/21/2016 4:45:00 PM	535500.000	122.123	19.223	275.095
40245.898	45236.969	29.549	30761.141	24.847
1.021				
3/21/2016 5:00:00 PM	536400.000	122.144	19.221	275.142
40248.684	45242.715	29.553	30765.049	24.846

1.021				
3/21/2016 5:15:00 PM	537300.000	122.122	19.222	275.093
40220.691	45210.234	29.529	30742.961	24.863
1.021				
3/21/2016 5:30:00 PM	538200.000	122.129	19.220	275.108
40240.918	45234.660	29.547	30759.568	24.850
1.021				
3/21/2016 5:45:00 PM	539100.000	122.180	19.219	275.222
40241.898	45236.793	29.549	30761.021	24.850
1.021				
3/21/2016 6:00:00 PM	540000.000	122.160	19.218	275.178
40244.938	45241.215	29.552	30764.029	24.848
1.021				
3/21/2016 6:15:00 PM	540900.000	122.155	19.220	275.165
40218.734	45209.723	29.529	30742.613	24.864
1.021				
3/21/2016 6:30:00 PM	541800.000	122.210	19.222	275.290
40222.242	45211.906	29.531	30744.098	24.862
1.021				
3/21/2016 6:45:00 PM	542700.000	122.284	19.218	275.457
40234.160	45229.352	29.543	30755.961	24.855
1.021				
3/21/2016 7:00:00 PM	543600.000	122.281	19.226	275.451
40217.273	45202.336	29.524	30737.590	24.865
1.021				
3/21/2016 7:15:00 PM	544500.000	122.328	19.227	275.555
40187.930	45168.262	29.499	30714.420	24.883
1.021				
3/21/2016 7:30:00 PM	545400.000	122.438	19.230	275.805
40211.301	45192.156	29.517	30730.668	24.869
1.021				
3/21/2016 7:45:00 PM	546300.000	122.439	19.226	275.807
40170.359	45149.184	29.485	30701.447	24.894
1.021				
3/21/2016 8:00:00 PM	547200.000	122.516	19.233	275.979
40212.355	45190.309	29.515	30729.412	24.868
1.021				
3/21/2016 8:15:00 PM	548100.000	122.488	19.228	275.916
40174.402	45152.051	29.487	30703.396	24.891
1.021				
3/21/2016 8:30:00 PM	549000.000	122.608	19.227	276.187
40182.773	45162.805	29.495	30710.709	24.886
1.021				
3/21/2016 8:45:00 PM	549900.000	122.611	19.229	276.192
40175.816	45152.707	29.488	30703.844	24.891
1.021				
3/21/2016 9:00:00 PM	550800.000	122.626	19.230	276.228
40192.105	45170.504	29.501	30715.943	24.881
1.021				
3/21/2016 9:15:00 PM	551700.000	122.704	19.230	276.402
40157.340	45130.836	29.472	30688.971	24.902
1.021				
3/21/2016 9:30:00 PM	552600.000	122.702	19.231	276.397
40231.348	45212.918	29.532	30744.787	24.856
1.021				
3/21/2016 9:45:00 PM	553500.000	122.732	19.226	276.465
40175.547	45155.777	29.490	30705.932	24.891

1.021				
3/21/2016 10:00:00 PM	554400.000	122.765	19.229	276.540
40145.566	45119.207	29.464	30681.063	24.909
1.021				
3/21/2016 10:15:00 PM	555300.000	122.755	19.230	276.517
40193.320	45171.871	29.502	30716.875	24.880
1.021				
3/21/2016 10:30:00 PM	556200.000	122.735	19.236	276.472
40221.121	45197.363	29.521	30734.209	24.863
1.021				
3/21/2016 10:45:00 PM	557100.000	122.803	19.225	276.626
40227.215	45214.863	29.533	30746.109	24.859
1.021				
3/21/2016 11:00:00 PM	558000.000	122.817	19.226	276.657
40180.801	45161.344	29.494	30709.717	24.888
1.021				
3/21/2016 11:15:00 PM	558900.000	122.781	19.212	276.577
40173.121	45165.887	29.497	30712.805	24.892
1.021				
3/21/2016 11:30:00 PM	559800.000	122.801	19.213	276.621
40167.473	45159.031	29.492	30708.141	24.896
1.021				
3/21/2016 11:45:00 PM	560700.000	122.802	19.220	276.624
40205.219	45194.449	29.518	30732.227	24.872
1.021				
3/22/2016 12:00:00 AM	561600.000	122.751	19.215	276.508
40210.121	45204.699	29.525	30739.197	24.869
1.021				
3/22/2016 12:15:00 AM	562500.000	122.726	19.204	276.452
40210.090	45215.738	29.533	30746.703	24.869
1.021				
3/22/2016 12:30:00 AM	563400.000	122.736	19.199	276.476
40199.695	45208.789	29.527	30741.979	24.876
1.021				
3/22/2016 12:45:00 AM	564300.000	122.640	19.197	276.258
40175.340	45183.422	29.509	30724.729	24.891
1.021				
3/22/2016 1:00:00 AM	565200.000	122.648	19.196	276.276
40185.418	45195.609	29.518	30733.018	24.885
1.021				
3/22/2016 1:15:00 AM	566100.000	122.647	19.198	276.275
40179.340	45186.906	29.511	30727.096	24.888
1.021				
3/22/2016 1:30:00 AM	567000.000	122.587	19.219	276.139
40244.855	45239.938	29.551	30763.158	24.848
1.021				
3/22/2016 1:45:00 AM	567900.000	122.550	19.213	276.056
40212.363	45209.078	29.528	30742.176	24.868
1.021				
3/22/2016 2:00:00 AM	568800.000	122.547	19.209	276.049
40203.113	45202.742	29.523	30737.867	24.874
1.021				
3/22/2016 2:15:00 AM	569700.000	122.466	19.220	275.867
40243.215	45237.680	29.549	30761.625	24.849
1.021				
3/22/2016 2:30:00 AM	570600.000	122.472	19.225	275.879
40201.625	45185.934	29.512	30726.438	24.875



1.021				
3/22/2016 2:45:00 AM	571500.000	122.384	19.224	275.683
40230.867	45219.223	29.536	30749.072	24.857
1.021				
3/22/2016 3:00:00 AM	572400.000	122.326	19.230	275.550
40231.004	45214.141	29.533	30745.617	24.856
1.021				
3/22/2016 3:15:00 AM	573300.000	122.290	19.225	275.469
40223.824	45210.633	29.530	30743.232	24.861
1.021				
3/22/2016 3:30:00 AM	574200.000	122.271	19.219	275.428
40194.477	45183.137	29.510	30724.535	24.879
1.021				
3/22/2016 3:45:00 AM	575100.000	122.270	19.225	275.425
40182.430	45164.277	29.496	30711.711	24.886
1.021				
3/22/2016 4:00:00 AM	576000.000	122.242	19.229	275.362
40207.348	45188.309	29.514	30728.053	24.871
1.021				
3/22/2016 4:15:00 AM	576900.000	122.265	19.226	275.415
40155.996	45133.891	29.474	30691.047	24.903
1.021				
3/22/2016 4:30:00 AM	577800.000	122.213	19.221	275.298
40154.875	45136.773	29.476	30693.006	24.904
1.021				
3/22/2016 4:45:00 AM	578700.000	122.232	19.228	275.340
40181.914	45160.316	29.493	30709.018	24.887
1.021				
3/22/2016 5:00:00 AM	579600.000	122.186	19.227	275.236
40139.188	45113.816	29.460	30677.396	24.913
1.021				
3/22/2016 5:15:00 AM	580500.000	122.315	19.227	275.527
40123.227	45095.797	29.446	30665.145	24.923
1.021				
3/22/2016 5:30:00 AM	581400.000	122.259	19.226	275.399
40100.875	45071.762	29.429	30648.801	24.937
1.021				
3/22/2016 5:45:00 AM	582300.000	122.248	19.225	275.376
40072.664	45040.805	29.406	30627.750	24.955
1.021				
3/22/2016 6:00:00 AM	583200.000	122.281	19.225	275.451
40103.934	45075.629	29.432	30651.430	24.935
1.021				
3/22/2016 6:15:00 AM	584100.000	122.256	19.232	275.394
40095.707	45059.813	29.421	30640.672	24.940
1.021				
3/22/2016 6:30:00 AM	585000.000	122.298	19.225	275.487
40107.664	45079.988	29.435	30654.395	24.933
1.021				
3/22/2016 6:45:00 AM	585900.000	122.308	19.226	275.511
40088.918	45057.820	29.419	30639.320	24.945
1.021				
3/22/2016 7:00:00 AM	586800.000	122.362	19.231	275.633
40094.711	45059.281	29.420	30640.314	24.941
1.021				
3/22/2016 7:15:00 AM	587700.000	122.380	19.233	275.672
40089.516	45052.426	29.415	30635.652	24.944

1.021				
3/22/2016 7:30:00 AM	588600.000	122.426	19.229	275.776
40082.816	45048.520	29.412	30632.996	24.948
1.021				
3/22/2016 7:45:00 AM	589500.000	122.499	19.230	275.940
40038.121	44997.527	29.375	30598.320	24.976
1.021				
3/22/2016 8:00:00 AM	590400.000	122.548	19.234	276.051
40068.777	45027.520	29.397	30618.715	24.957
1.021				
3/22/2016 8:15:00 AM	591300.000	122.525	19.237	275.999
40071.934	45028.633	29.398	30619.473	24.955
1.021				
3/22/2016 8:30:00 AM	592200.000	122.603	19.226	276.176
40060.805	45026.313	29.396	30617.893	24.962
1.021				
3/22/2016 8:45:00 AM	593100.000	122.619	19.230	276.210
40039.695	44998.621	29.376	30599.064	24.975
1.021				
3/22/2016 9:00:00 AM	594000.000	122.674	19.233	276.335
40081.285	45042.836	29.408	30629.129	24.949
1.021				
3/22/2016 9:15:00 AM	594900.000	122.721	19.232	276.442
40071.297	45032.121	29.400	30621.844	24.956
1.021				
3/22/2016 9:30:00 AM	595800.000	122.730	19.227	276.462
40054.230	45017.992	29.390	30612.236	24.966
1.021				
3/22/2016 9:45:00 AM	596700.000	122.778	19.233	276.569
40060.859	45020.133	29.392	30613.693	24.962
1.021				
3/22/2016 10:00:00 AM	597600.000	122.730	19.231	276.462
40061.926	45023.367	29.394	30615.893	24.961
1.021				
3/22/2016 10:15:00 AM	598500.000	122.758	19.215	276.525
40055.113	45030.859	29.399	30620.984	24.966
1.021				
3/22/2016 10:30:00 AM	599400.000	122.774	19.209	276.561
40060.191	45041.793	29.406	30628.422	24.962
1.021				
3/22/2016 10:45:00 AM	600300.000	122.812	19.208	276.647
40078.180	45063.773	29.422	30643.367	24.951
1.021				
3/22/2016 11:00:00 AM	601200.000	122.807	19.211	276.634
40095.383	45080.098	29.434	30654.469	24.941
1.021				
3/22/2016 11:15:00 AM	602100.000	122.854	19.211	276.740
40093.316	45077.938	29.433	30653.000	24.942
1.021				
3/22/2016 11:30:00 AM	603000.000	122.788	19.203	276.592
40051.238	45037.953	29.403	30625.811	24.968
1.021				
3/22/2016 11:45:00 AM	603900.000	122.819	19.200	276.662
40057.754	45047.977	29.411	30632.625	24.964
1.021				
3/22/2016 12:00:00 PM	604800.000	122.704	19.199	276.403
40068.594	45061.516	29.420	30641.832	24.957

1.021				
3/22/2016 12:15:00 PM	605700.000	122.686	19.193	276.362
40088.977	45090.004	29.441	30661.205	24.945
1.021				
3/22/2016 12:30:00 PM	606600.000	122.699	19.187	276.392
40062.723	45066.383	29.423	30645.141	24.961
1.021				
3/22/2016 12:45:00 PM	607500.000	122.719	19.185	276.436
40035.363	45037.539	29.402	30625.529	24.978
1.021				
3/22/2016 1:00:00 PM	608400.000	122.674	19.186	276.336
40051.863	45054.840	29.415	30637.293	24.968
1.021				
3/22/2016 1:15:00 PM	609300.000	122.531	19.200	276.012
40066.297	45058.254	29.418	30639.613	24.959
1.021				
3/22/2016 1:30:00 PM	610200.000	122.495	19.210	275.932
40105.715	45092.797	29.444	30663.104	24.934
1.021				
3/22/2016 1:45:00 PM	611100.000	122.474	19.219	275.885
40148.254	45131.770	29.472	30689.605	24.908
1.021				
3/22/2016 2:00:00 PM	612000.000	122.507	19.226	275.958
40126.406	45100.293	29.450	30668.201	24.921
1.021				
3/22/2016 2:15:00 PM	612900.000	122.369	19.231	275.649
40100.664	45065.973	29.425	30644.863	24.937
1.021				
3/22/2016 2:30:00 PM	613800.000	122.411	19.235	275.742
40134.418	45100.523	29.450	30668.357	24.916
1.021				
3/22/2016 2:45:00 PM	614700.000	122.303	19.250	275.500
40167.621	45123.164	29.467	30683.754	24.896
1.021				
3/22/2016 3:00:00 PM	615600.000	122.232	19.268	275.340
40219.531	45164.516	29.498	30711.873	24.864
1.021				
3/22/2016 3:15:00 PM	616500.000	122.275	19.271	275.436
40209.875	45150.215	29.488	30702.148	24.870
1.021				
3/22/2016 3:30:00 PM	617400.000	122.184	19.261	275.230
40147.801	45090.531	29.444	30661.564	24.908
1.021				
3/22/2016 3:45:00 PM	618300.000	122.144	19.257	275.142
40177.633	45128.000	29.471	30687.043	24.889
1.021				
3/22/2016 4:00:00 PM	619200.000	122.207	19.237	275.282
40170.094	45138.176	29.478	30693.961	24.894
1.021				
3/22/2016 4:15:00 PM	620100.000	122.072	19.243	274.978
40156.391	45117.645	29.463	30680.000	24.903
1.021				
3/22/2016 4:30:00 PM	621000.000	122.097	19.222	275.035
40127.977	45105.605	29.453	30671.814	24.920
1.021				
3/22/2016 4:45:00 PM	621900.000	122.084	19.230	275.007
40110.984	45078.828	29.434	30653.605	24.931

1.021				
3/22/2016 5:00:00 PM	622800.000	122.087	19.223	275.012
40119.586	45095.152	29.446	30664.705	24.925
1.021				
3/22/2016 5:15:00 PM	623700.000	122.120	19.235	275.087
40150.594	45118.957	29.464	30680.893	24.906
1.021				
3/22/2016 5:30:00 PM	624600.000	122.101	19.226	275.045
40122.691	45095.609	29.446	30665.016	24.924
1.021				
3/22/2016 5:45:00 PM	625500.000	122.093	19.222	275.025
40099.121	45073.332	29.430	30649.865	24.938
1.021				
3/22/2016 6:00:00 PM	626400.000	122.099	19.220	275.040
40081.586	45055.645	29.417	30637.840	24.949
1.021				
3/22/2016 6:15:00 PM	627300.000	122.136	19.228	275.123
40103.465	45072.906	29.430	30649.578	24.936
1.021				
3/22/2016 6:30:00 PM	628200.000	122.171	19.231	275.202
40090.961	45055.230	29.417	30637.559	24.943
1.021				
3/22/2016 6:45:00 PM	629100.000	122.181	19.218	275.225
40104.488	45083.668	29.437	30656.896	24.935
1.021				
3/22/2016 7:00:00 PM	630000.000	122.186	19.222	275.236
40093.715	45067.504	29.426	30645.904	24.942
1.021				
3/22/2016 7:15:00 PM	630900.000	122.208	19.222	275.284
40050.246	45018.148	29.390	30612.344	24.969
1.021				
3/22/2016 7:30:00 PM	631800.000	122.272	19.225	275.430
40096.820	45068.305	29.426	30646.447	24.940
1.021				
3/22/2016 7:45:00 PM	632700.000	122.313	19.228	275.521
40084.418	45050.742	29.414	30634.508	24.947
1.021				
3/22/2016 8:00:00 PM	633600.000	122.359	19.223	275.625
40034.699	44999.652	29.376	30599.766	24.978
1.021				
3/22/2016 8:15:00 PM	634500.000	122.427	19.221	275.778
40077.270	45049.691	29.413	30633.793	24.952
1.021				
3/22/2016 8:30:00 PM	635400.000	122.461	19.212	275.855
40089.613	45072.762	29.429	30649.480	24.944
1.021				
3/22/2016 8:45:00 PM	636300.000	122.510	19.205	275.966
40116.027	45109.113	29.455	30674.197	24.928
1.021				
3/22/2016 9:00:00 PM	637200.000	122.514	19.211	275.974
40089.383	45072.754	29.429	30649.473	24.944
1.021				
3/22/2016 9:15:00 PM	638100.000	122.521	19.207	275.990
40056.098	45039.883	29.405	30627.123	24.965
1.021				
3/22/2016 9:30:00 PM	639000.000	122.636	19.207	276.250
40081.898	45068.301	29.426	30646.445	24.949

1.021				
3/22/2016 9:45:00 PM	639900.000	122.655	19.200	276.293
40053.789	45043.773	29.407	30629.766	24.966
1.021				
3/22/2016 10:00:00 PM	640800.000	122.655	19.192	276.292
40072.617	45072.535	29.428	30649.326	24.955
1.021				
3/22/2016 10:15:00 PM	641700.000	122.665	19.186	276.315
40093.418	45102.008	29.449	30669.367	24.942
1.021				
3/22/2016 10:30:00 PM	642600.000	122.683	19.187	276.356
40086.902	45093.754	29.443	30663.756	24.946
1.021				
3/22/2016 10:45:00 PM	643500.000	122.711	19.190	276.418
40034.086	45031.047	29.398	30621.113	24.979
1.021				
3/22/2016 11:00:00 PM	644400.000	122.753	19.197	276.514
40081.191	45077.699	29.432	30652.838	24.949
1.021				
3/22/2016 11:15:00 PM	645300.000	122.712	19.206	276.421
40097.363	45087.125	29.439	30659.248	24.939
1.021				
3/22/2016 11:30:00 PM	646200.000	122.727	19.224	276.455
40122.379	45097.621	29.448	30666.383	24.924
1.021				
3/22/2016 11:45:00 PM	647100.000	122.729	19.231	276.460
40142.453	45113.188	29.459	30676.969	24.911
1.021				
3/23/2016 12:00:00 AM	648000.000	122.769	19.238	276.548
40148.793	45114.148	29.460	30677.621	24.907
1.021				
3/23/2016 12:15:00 AM	648900.000	122.712	19.242	276.421
40151.070	45112.668	29.459	30676.617	24.906
1.021				
3/23/2016 12:30:00 AM	649800.000	122.701	19.243	276.395
40180.418	45144.793	29.483	30698.459	24.888
1.021				
3/23/2016 12:45:00 AM	650700.000	122.676	19.242	276.340
40177.281	45141.609	29.480	30696.297	24.890
1.021				
3/23/2016 1:00:00 AM	651600.000	122.655	19.242	276.293
40189.543	45155.637	29.491	30705.836	24.882
1.021				
3/23/2016 1:15:00 AM	652500.000	122.630	19.243	276.236
40186.227	45151.164	29.487	30702.793	24.884
1.021				
3/23/2016 1:30:00 AM	653400.000	122.575	19.241	276.111
40188.285	45155.234	29.490	30705.563	24.883
1.021				
3/23/2016 1:45:00 AM	654300.000	122.503	19.241	275.951
40190.367	45157.488	29.492	30707.094	24.882
1.021				
3/23/2016 2:00:00 AM	655200.000	122.487	19.240	275.914
40211.926	45183.145	29.511	30724.541	24.868
1.021				
3/23/2016 2:15:00 AM	656100.000	122.462	19.238	275.857
40218.238	45191.582	29.517	30730.275	24.864

1.021				
3/23/2016 2:30:00 AM	657000.000	122.433	19.238	275.792
40240.344	45217.023	29.535	30747.578	24.851
1.021				
3/23/2016 2:45:00 AM	657900.000	122.397	19.236	275.711
40217.422	45192.363	29.517	30730.809	24.865
1.021				
3/23/2016 3:00:00 AM	658800.000	122.338	19.235	275.579
40268.066	45250.555	29.559	30770.379	24.834
1.021				
3/23/2016 3:15:00 AM	659700.000	122.298	19.235	275.487
40230.195	45207.820	29.528	30741.320	24.857
1.021				
3/23/2016 3:30:00 AM	660600.000	122.270	19.234	275.425
40287.254	45272.871	29.576	30785.555	24.822
1.021				
3/23/2016 3:45:00 AM	661500.000	122.249	19.234	275.379
40320.590	45310.746	29.603	30811.311	24.801
1.021				
3/23/2016 4:00:00 AM	662400.000	122.196	19.233	275.259
40276.480	45261.691	29.567	30777.953	24.828
1.021				
3/23/2016 4:15:00 AM	663300.000	122.181	19.232	275.225
40287.973	45276.035	29.578	30787.707	24.821
1.021				
3/23/2016 4:30:00 AM	664200.000	122.144	19.232	275.142
40288.047	45275.875	29.578	30787.598	24.821
1.021				
3/23/2016 4:45:00 AM	665100.000	122.142	19.232	275.137
40286.613	45274.859	29.577	30786.906	24.822
1.021				
3/23/2016 5:00:00 AM	666000.000	122.106	19.232	275.057
40332.664	45326.105	29.614	30821.752	24.794
1.021				
3/23/2016 5:15:00 AM	666900.000	122.103	19.235	275.048
40369.602	45365.156	29.643	30848.309	24.771
1.021				
3/23/2016 5:30:00 AM	667800.000	122.087	19.252	275.012
40359.168	45336.484	29.623	30828.813	24.778
1.021				
3/23/2016 5:45:00 AM	668700.000	122.103	19.279	275.048
40360.414	45311.793	29.606	30812.021	24.777
1.021				
3/23/2016 6:00:00 AM	669600.000	122.122	19.289	275.093
40406.730	45353.637	29.637	30840.473	24.748
1.021				
3/23/2016 6:15:00 AM	670500.000	122.099	19.289	275.040
40400.383	45346.516	29.632	30835.633	24.752
1.021				
3/23/2016 6:30:00 AM	671400.000	122.093	19.284	275.025
40391.770	45341.586	29.628	30832.281	24.758
1.021				
3/23/2016 6:45:00 AM	672300.000	122.129	19.279	275.108
40406.574	45363.293	29.643	30847.041	24.748
1.021				
3/23/2016 7:00:00 AM	673200.000	122.153	19.279	275.163
40385.566	45340.289	29.627	30831.398	24.761

1.021				
3/23/2016 7:15:00 AM	674100.000	122.208	19.273	275.284
40414.688	45378.414	29.654	30857.324	24.743
1.021				
3/23/2016 7:30:00 AM	675000.000	122.232	19.269	275.340
40398.543	45363.922	29.643	30847.467	24.753
1.021				
3/23/2016 7:45:00 AM	675900.000	122.290	19.266	275.469
40378.906	45345.520	29.630	30834.955	24.765
1.021				
3/23/2016 8:00:00 AM	676800.000	122.312	19.263	275.519
40390.086	45360.195	29.640	30844.934	24.759
1.021				
3/23/2016 8:15:00 AM	677700.000	122.344	19.264	275.591
40382.141	45351.094	29.634	30838.746	24.763
1.021				
3/23/2016 8:30:00 AM	678600.000	122.405	19.260	275.729
40396.680	45370.906	29.648	30852.219	24.755
1.021				
3/23/2016 8:45:00 AM	679500.000	122.435	19.263	275.797
40391.789	45362.863	29.642	30846.750	24.758
1.021				
3/23/2016 9:00:00 AM	680400.000	122.471	19.248	275.877
40367.414	45349.203	29.632	30837.459	24.772
1.021				
3/23/2016 9:15:00 AM	681300.000	122.484	19.254	275.906
40394.020	45373.688	29.650	30854.109	24.756
1.021				
3/23/2016 9:30:00 AM	682200.000	122.522	19.249	275.992
40385.988	45369.738	29.647	30851.424	24.761
1.021				
3/23/2016 9:45:00 AM	683100.000	122.579	19.247	276.122
40363.395	45345.887	29.629	30835.205	24.775
1.021				
3/23/2016 10:00:00 AM	684000.000	122.601	19.240	276.171
40382.320	45374.270	29.650	30854.506	24.763
1.021				
3/23/2016 10:15:00 AM	684900.000	122.634	19.238	276.244
40369.375	45361.516	29.640	30845.830	24.771
1.021				
3/23/2016 10:30:00 AM	685800.000	122.664	19.233	276.314
40367.918	45364.609	29.642	30847.938	24.772
1.021				
3/23/2016 10:45:00 AM	686700.000	122.688	19.229	276.366
40369.367	45370.652	29.646	30852.045	24.771
1.021				
3/23/2016 11:00:00 AM	687600.000	122.653	19.221	276.288
40341.320	45346.258	29.628	30835.457	24.788
1.021				
3/23/2016 11:15:00 AM	688500.000	122.689	19.218	276.370
40350.684	45359.758	29.638	30844.637	24.783
1.021				
3/23/2016 11:30:00 AM	689400.000	122.702	19.214	276.397
40368.512	45383.945	29.656	30861.086	24.772
1.021				
3/23/2016 11:45:00 AM	690300.000	122.662	19.214	276.309
40354.914	45369.164	29.645	30851.033	24.780

1.021				
3/23/2016 12:00:00 PM	691200.000	122.707	19.211	276.410
40364.840	45383.125	29.655	30860.527	24.774
1.021				
3/23/2016 12:15:00 PM	692100.000	122.641	19.212	276.260
40337.973	45351.395	29.632	30838.951	24.791
1.021				
3/23/2016 12:30:00 PM	693000.000	122.664	19.230	276.314
40394.691	45397.930	29.666	30870.594	24.756
1.021				
3/23/2016 12:45:00 PM	693900.000	122.635	19.233	276.246
40385.828	45385.168	29.657	30861.916	24.761
1.021				
3/23/2016 1:00:00 PM	694800.000	122.605	19.231	276.179
40397.023	45399.027	29.667	30871.342	24.754
1.021				
3/23/2016 1:15:00 PM	695700.000	122.571	19.229	276.103
40369.043	45370.121	29.646	30851.684	24.771
1.021				
3/23/2016 1:30:00 PM	696600.000	122.542	19.231	276.039
40410.063	45414.527	29.679	30881.879	24.746
1.021				
3/23/2016 1:45:00 PM	697500.000	122.504	19.232	275.953
40421.785	45426.172	29.687	30889.799	24.739
1.021				
3/23/2016 2:00:00 PM	698400.000	122.462	19.237	275.857
40399.973	45396.820	29.666	30869.838	24.752
1.021				
3/23/2016 2:15:00 PM	699300.000	122.431	19.237	275.789
40418.781	45418.543	29.682	30884.611	24.741
1.021				
3/23/2016 2:30:00 PM	700200.000	122.376	19.235	275.664
40409.113	45409.297	29.675	30878.324	24.747
1.021				
3/23/2016 2:45:00 PM	701100.000	122.357	19.234	275.620
40403.348	45404.098	29.671	30874.789	24.750
1.021				
3/23/2016 3:00:00 PM	702000.000	122.314	19.234	275.524
40425.469	45428.867	29.689	30891.633	24.737
1.021				
3/23/2016 3:15:00 PM	702900.000	122.249	19.233	275.379
40420.129	45423.461	29.685	30887.955	24.740
1.021				
3/23/2016 3:30:00 PM	703800.000	122.232	19.234	275.340
40407.770	45408.301	29.674	30877.645	24.748
1.021				
3/23/2016 3:45:00 PM	704700.000	122.201	19.232	275.269
40416.125	45420.313	29.683	30885.814	24.743
1.021				
3/23/2016 4:00:00 PM	705600.000	122.144	19.231	275.142
40379.477	45379.391	29.653	30857.988	24.765
1.021				
3/23/2016 4:15:00 PM	706500.000	122.098	19.230	275.037
40416.535	45422.570	29.684	30887.348	24.742
1.021				
3/23/2016 4:30:00 PM	707400.000	122.109	19.233	275.061
40414.871	45417.969	29.681	30884.221	24.743



1.021				
3/23/2016 4:45:00 PM	708300.000	122.084	19.232	275.007
40447.980	45455.699	29.709	30909.875	24.723
1.021				
3/23/2016 5:00:00 PM	709200.000	122.075	19.236	274.986
40447.926	45451.980	29.706	30907.348	24.723
1.021				
3/23/2016 5:15:00 PM	710100.000	122.048	19.242	274.925
40477.980	45479.977	29.727	30926.387	24.705
1.021				
3/23/2016 5:30:00 PM	711000.000	122.015	19.259	274.851
40496.566	45484.445	29.731	30929.426	24.693
1.021				
3/23/2016 5:45:00 PM	711900.000	122.055	19.274	274.941
40456.992	45425.313	29.688	30889.213	24.718
1.021				
3/23/2016 6:00:00 PM	712800.000	122.016	19.277	274.854
40475.469	45443.262	29.701	30901.418	24.706
1.021				
3/23/2016 6:15:00 PM	713700.000	122.045	19.278	274.918
40474.785	45441.219	29.700	30900.029	24.707
1.021				
3/23/2016 6:30:00 PM	714600.000	122.051	19.273	274.931
40491.609	45464.605	29.717	30915.934	24.696
1.021				
3/23/2016 6:45:00 PM	715500.000	122.090	19.270	275.020
40476.668	45451.316	29.707	30906.896	24.706
1.021				
3/23/2016 7:00:00 PM	716400.000	122.119	19.263	275.084
40493.637	45476.746	29.725	30924.189	24.695
1.021				
3/23/2016 7:15:00 PM	717300.000	122.135	19.265	275.121
40505.895	45488.199	29.734	30931.979	24.688
1.021				
3/23/2016 7:30:00 PM	718200.000	122.156	19.261	275.168
40486.441	45470.609	29.721	30920.018	24.700
1.021				
3/23/2016 7:45:00 PM	719100.000	122.193	19.261	275.251
40484.477	45468.836	29.719	30918.811	24.701
1.021				
3/23/2016 8:00:00 PM	720000.000	122.224	19.258	275.321
40504.871	45494.113	29.738	30935.998	24.688
1.021				
3/23/2016 8:15:00 PM	720900.000	122.277	19.255	275.441
40452.270	45438.008	29.697	30897.846	24.720
1.021				
3/23/2016 8:30:00 PM	721800.000	122.317	19.257	275.531
40437.953	45419.969	29.684	30885.580	24.729
1.021				
3/23/2016 8:45:00 PM	722700.000	122.360	19.256	275.628
40479.582	45467.660	29.718	30918.010	24.704
1.021				
3/23/2016 9:00:00 PM	723600.000	122.397	19.250	275.711
40496.980	45493.586	29.737	30935.641	24.693
1.021				
3/23/2016 9:15:00 PM	724500.000	122.422	19.258	275.768
40463.070	45447.082	29.703	30904.016	24.714

1.021				
3/23/2016 9:30:00 PM	725400.000	122.462	19.244	275.857
40475.895	45475.000	29.723	30923.002	24.706
1.021				
3/23/2016 9:45:00 PM	726300.000	122.535	19.242	276.022
40476.410	45478.375	29.725	30925.297	24.706
1.021				
3/23/2016 10:00:00 PM	727200.000	122.550	19.253	276.056
40489.488	45481.848	29.729	30927.658	24.698
1.021				
3/23/2016 10:15:00 PM	728100.000	122.591	19.246	276.148
40472.855	45470.555	29.720	30919.977	24.708
1.021				
3/23/2016 10:30:00 PM	729000.000	122.607	19.239	276.184
40439.215	45439.227	29.697	30898.676	24.728
1.021				
3/23/2016 10:45:00 PM	729900.000	122.637	19.240	276.252
40474.172	45477.902	29.725	30924.977	24.707
1.021				
3/23/2016 11:00:00 PM	730800.000	122.646	19.229	276.272
40442.840	45452.469	29.706	30907.680	24.726
1.021				
3/23/2016 11:15:00 PM	731700.000	122.682	19.230	276.354
40414.805	45420.027	29.682	30885.621	24.743
1.021				
3/23/2016 11:30:00 PM	732600.000	122.662	19.225	276.309
40423.477	45435.371	29.693	30896.053	24.738
1.021				
3/23/2016 11:45:00 PM	733500.000	122.698	19.218	276.389
40454.758	45477.086	29.723	30924.420	24.719
1.021				

Report Date: 3/24/2016 2:15:01 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-1M Pre Test\_2016-03-24\_12-16-07-544.wsl  
Create Date: 3/24/2016 12:15:58 PM

Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-1M  
Device Name:  
Serial Number: 395424  
Firmware Version: 2.00  
Hardware Version: 3  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 9  
Used Battery(%): 2

Log Configuration

Log Name: MPWSP MW-1M Pre Test  
Created By: nreynolds  
Computer Name: PROBOOK1  
Application: WinSitu.exe  
Application Version: 5.6.25.0  
Create Date: 3/13/2015 3:11:41 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 3:15:00 PM Pacific Daylight Time  
Scheduled Stop Time: No Stop Time  
Type: Linear  
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth  
Specific Gravity: 1.024

Other Log Settings

Depth of Probe: 156.688 (ft)  
Head Pressure: 69.5587 (PSI)  
Temperature: 16.7733 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

Date and Time	Note
3/13/2015 3:11:52 PM	Used Battery: 2% Used Memory: 12% User Name: nreynolds
3/20/2015 5:51:57 PM	Log Download - Used Battery: 2% Used Memory: 12% User Name: GSSI
3/27/2015 10:00:19 AM	Log Download - Used Battery: 2% Used Memory: 14% User Name: GSSI
4/3/2015 12:22:31 PM	Log Download - Used Battery: 3% Used Memory: 14% User Name: ECrowWillard
4/10/2015 8:22:39 AM	Log Download - Used Battery: 3% Used Memory: 15% User Name: ECrowWillard
4/17/2015 2:08:04 PM	Log Download - Used Battery: 4% Used Memory: 15% User Name: AKieta
4/24/2015 9:58:42 AM	Log Download - Used Battery: 4% Used Memory: 17% User Name: ECrowWillard
4/30/2015 11:43:37 AM	Log Download - Used Battery: 4% Used Memory: 17% User Name: GSSI
5/7/2015 11:24:52 AM	Log Download - Used Battery: 5% Used Memory: 18% User Name: ECrowWillard Interval - Start Time: 4/30/2015 11:30:00 AM
5/14/2015 10:26:44 AM	Log Download - Used Battery: 5% Used Memory: 18% User Name: BDuarte
5/21/2015 10:35:46 AM	Log Download - Used Battery: 5% Used Memory: 20% User Name: CShaw
5/28/2015 9:52:29 AM	Log Download - Used Battery: 6% Used Memory: 20% User Name: ECrowWillard Interval - Start Time: 5/7/2015 11:15:00 AM
6/4/2015 10:37:27 AM	Log Download - Used Battery: 6% Used Memory: 21% User Name: BDuarte
6/11/2015 10:55:44 AM	Log Download - Used Battery: 7% Used Memory: 21% User Name: BDuarte Interval - Start Time: 6/4/2015 10:30:00 AM
6/18/2015 8:13:22 AM	Log Download - Used Battery: 7% Used Memory: 23% User Name: CShaw
6/25/2015 8:06:01 AM	Log Download - Used Battery: 7% Used Memory: 23% User Name: BDuarte Interval - Start Time: 6/11/2015 10:45:00 AM
7/2/2015 8:41:38 AM	Log Download - Used Battery: 8% Used Memory: 25% User Name: CShaw
7/9/2015 8:06:33 AM	Log Download - Used Battery: 8% Used Memory: 25% User Name: BDuarte
7/16/2015 8:24:56 AM	Log Download - Used Battery: 8% Used Memory: 26% User Name: CShaw
7/23/2015 3:41:50 PM	Log Download - Used Battery: 9% Used Memory: 26% User Name: KMakar
7/30/2015 9:50:35 AM	Log Download - Used Battery: 9% Used Memory: 28% User Name: BDuarte Interval - Start Time: 7/9/2015 8:00:00 AM
8/6/2015 2:33:15 PM	Log Download - Used Battery: 9% Used Memory: 28% 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 12:48:17 PM	Log Download - Used Battery: 10% Used Memory: 29% User Name: KMakar Interval - Start Time: 7/23/2015 3:30:00 PM
8/20/2015 10:00:30 AM	Log Download - Used Battery: 10% Used Memory: 29% User Name: BDuarte Interval - Start Time: 7/30/2015 9:45:00 AM
8/27/2015 10:19:59 AM	Log Download - Used Battery: 11% Used Memory: 31% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:15:00 AM
9/3/2015 9:02:42 AM	Log Download - Used Battery: 11% Used Memory: 31% User Name: CShaw Interval - Start Time: 8/1/2015 6:10:00 PM Stop Time: 9/3/2015 5:30:00 PM
9/3/2015 9:05:41 AM	Log Download - Used Battery: 11% Used Memory: 31% User Name: CShaw Interval - Start Time: 8/1/2015 6:10:00 PM Stop Time: 9/3/2015 5:30:00 PM
9/10/2015 10:55:09 AM	Log Download - Used Battery: 11% Used Memory: 32% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:00:00 AM
9/17/2015 10:25:08 AM	Log Download - Used Battery: 12% Used Memory: 34% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:30:00 AM
9/24/2015 8:53:07 AM	Log Download - Used Battery: 12% Used Memory: 34% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 7:40:00 PM
10/1/2015 1:40:00 PM	Log Download - Used Battery: 12% Used Memory: 35% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 1:45:00 PM
10/8/2015 9:15:09 AM	Log Download - Used Battery: 13% Used Memory: 35% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 10/8/2015 8:45:00 PM
10/15/2015 12:40:53 PM	Log Download - Used Battery: 13% Used Memory: 37% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 12:45:00 PM
10/22/2015 11:42:28 AM	Log Download - Used Battery: 13% Used Memory: 37% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 12:30:00 PM
10/29/2015 2:38:58 PM	Log Download - Used Battery: 14% Used Memory: 39% User Name: KMakar Interval - Start

Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 2:45:00 PM  
 11/5/2015 1:36:34 PM Log Download - Used Battery: 14% Used Memory: 39% User Name: KMakar Interval - Start  
 Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 1:45:00 PM  
 11/12/2015 9:28:41 AM Log Download - Used Battery: 15% Used Memory: 40% User Name: CShaw Interval - Start  
 Time: 10/12/2015 3:05:00 PM Stop Time: 11/12/2015 6:00:00 PM  
 11/19/2015 2:48:35 PM Log Download - Used Battery: 15% Used Memory: 40% User Name: KMakar Interval - Start  
 Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 2:45:00 PM  
 11/29/2015 9:07:43 AM Log Download - Used Battery: 15% Used Memory: 42% User Name: CShaw Interval - Start  
 Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 9:00:00 AM  
 12/3/2015 10:38:28 AM Log Download - Used Battery: 16% Used Memory: 42% User Name: KMakar Interval - Start  
 Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 10:30:00 AM  
 12/10/2015 8:46:06 AM Log Download - Used Battery: 16% Used Memory: 43% User Name: CShaw Interval - Start  
 Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 8:45:00 AM  
 12/17/2015 11:05:36 AM Log Download - Used Battery: 16% Used Memory: 43% User Name: KMakar Interval - Start  
 Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:00:00 AM  
 1/3/2016 9:53:52 AM Log Download - Used Battery: 17% Used Memory: 46% User Name: CShaw Interval - Start Time:  
 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 10:45:00 AM  
 1/7/2016 10:08:55 AM Log Download - Used Battery: 17% Used Memory: 46% User Name: KMakar Interval - Start  
 Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:00:00 AM  
 1/14/2016 8:22:00 AM Log Download - Used Battery: 18% Used Memory: 46% User Name: KMakar Interval - Start  
 Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:15:00 AM  
 1/21/2016 11:35:20 AM Log Download - Used Battery: 18% Used Memory: 48% User Name: KMakar Interval - Start  
 Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:30:00 AM  
 1/28/2016 1:41:34 PM Log Download - Used Battery: 18% Used Memory: 48% User Name: KMakar Interval - Start  
 Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:30:00 PM  
 2/4/2016 9:12:58 AM Log Download - Used Battery: 19% Used Memory: 50% User Name: CShaw Interval - Start Time:  
 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:00:00 AM  
 2/11/2016 9:05:46 AM Log Download - Used Battery: 19% Used Memory: 51% 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 8:55:44 AM Log Download - Used Battery: 20% Used Memory: 51% User Name: CShaw Interval - Start Time:  
 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 9:45:00 AM  
 2/25/2016 11:52:16 AM Log Download - Used Battery: 20% Used Memory: 53% User Name: KMakar Interval - Start  
 Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:45:00 AM  
 3/3/2016 8:43:03 AM Log Download - Used Battery: 20% Used Memory: 53% User Name: SKuiper Interval - Start  
 Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 8:45:00 AM  
 3/10/2016 8:30:57 AM Log Download - Used Battery: 21% Used Memory: 54% User Name: KMakar Interval - Start  
 Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:30:00 AM  
 3/17/2016 5:46:25 PM Log Download - Used Battery: 21% Used Memory: 54% User Name: SKuiper Interval - Start  
 Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:45:00 PM  
 3/24/2016 12:15:30 PM Log Download - Used Battery: 21% Used Memory: 56% User Name: KMakar Interval - Start  
 Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 12:15:00 PM

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Log Data:

Record Count: 865

Sensors: 1

1 - 395424: PCTD 100 PSIG (70m/231ft)

Time Zone: Pacific Daylight Time

	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	Sensor: PCTD(G) 231ft	Sensor: PCTD(G) 231ft	
	Elapsed Time	SN#: 395424	SN#: 395424	SN#: 395424	SN#:
	395424	SN#: 395424	SN#: 395424	SN#: 395424	SN#: 395424
	SN#: 395424				
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual

Conductivity (µS) (ohm-cm)	Specific Conductivity (µS) Water Density (g/cm3)	Salinity (PSU)	Total Dissolved Solids (ppt)	Resistivity
3/17/2016 12:00:00 AM 41831.641 1.024	129600.000 50349.078	70.930 33.110	16.143 34.237	159.776 23.905
3/17/2016 12:15:00 AM 41804.156 1.024	130500.000 50315.691	70.931 33.085	16.143 34.215	159.778 23.921
3/17/2016 12:30:00 AM 41838.219 1.024	131400.000 50356.387	70.924 33.115	16.144 34.242	159.762 23.902
3/17/2016 12:45:00 AM 41870.195 1.024	132300.000 50394.871	70.917 33.143	16.144 34.269	159.748 23.883
3/17/2016 1:00:00 AM 41901.754 1.024	133200.000 50432.855	70.905 33.171	16.144 34.294	159.720 23.865
3/17/2016 1:15:00 AM 41867.922 1.024	134100.000 50391.730	70.901 33.141	16.144 34.266	159.711 23.885
3/17/2016 1:30:00 AM 41814.324 1.024	135000.000 50325.695	70.900 33.093	16.145 34.221	159.710 23.915
3/17/2016 1:45:00 AM 41827.484 1.024	135900.000 50342.348	70.903 33.105	16.145 34.233	159.715 23.908
3/17/2016 2:00:00 AM 41855.121 1.024	136800.000 50374.391	70.897 33.129	16.146 34.255	159.702 23.892
3/17/2016 2:15:00 AM 41829.039 1.024	137700.000 50343.508	70.897 33.106	16.145 34.234	159.702 23.907
3/17/2016 2:30:00 AM 41847.922 1.024	138600.000 50365.938	70.889 33.122	16.145 34.249	159.685 23.896
3/17/2016 2:45:00 AM 41827.438 1.024	139500.000 50341.176	70.907 33.104	16.146 34.232	159.725 23.908
3/17/2016 3:00:00 AM 41871.688 1.024	140400.000 50394.121	70.920 33.143	16.146 34.268	159.754 23.882
3/17/2016 3:15:00 AM 41871.594 1.024	141300.000 50394.320	70.930 33.143	16.146 34.268	159.776 23.883
3/17/2016 3:30:00 AM 41852.855 1.024	142200.000 50371.254	70.941 33.126	16.146 34.252	159.801 23.893
3/17/2016 3:45:00 AM 41859.625 1.024	143100.000 50380.117	70.944 33.133	16.145 34.258	159.807 23.889
3/17/2016 4:00:00 AM 41884.699 1.024	144000.000 50409.582	70.961 33.154	16.146 34.279	159.846 23.875
3/17/2016 4:15:00 AM 41823.891	144900.000 50337.313	70.986 33.101	16.145 34.229	159.902 23.910

1.024				
3/17/2016 4:30:00 AM	145800.000	70.993	16.145	159.919
41874.617	50398.262	33.146	34.271	23.881
1.024				
3/17/2016 4:45:00 AM	146700.000	71.004	16.145	159.943
41824.965	50338.801	33.102	34.230	23.909
1.024				
3/17/2016 5:00:00 AM	147600.000	71.011	16.145	159.960
41860.977	50382.570	33.134	34.260	23.889
1.024				
3/17/2016 5:15:00 AM	148500.000	71.004	16.144	159.943
41842.816	50361.516	33.119	34.246	23.899
1.024				
3/17/2016 5:30:00 AM	149400.000	71.038	16.144	160.021
41791.219	50299.520	33.073	34.204	23.928
1.024				
3/17/2016 5:45:00 AM	150300.000	71.055	16.143	160.058
41819.520	50334.094	33.099	34.227	23.912
1.024				
3/17/2016 6:00:00 AM	151200.000	71.057	16.143	160.063
41819.000	50333.980	33.099	34.227	23.913
1.024				
3/17/2016 6:15:00 AM	152100.000	71.070	16.143	160.091
41855.441	50377.930	33.131	34.257	23.892
1.024				
3/17/2016 6:30:00 AM	153000.000	71.072	16.143	160.096
41824.328	50340.789	33.104	34.232	23.910
1.024				
3/17/2016 6:45:00 AM	153900.000	71.097	16.142	160.152
41841.813	50362.746	33.120	34.247	23.900
1.024				
3/17/2016 7:00:00 AM	154800.000	71.097	16.141	160.152
41822.285	50340.363	33.103	34.231	23.911
1.024				
3/17/2016 7:15:00 AM	155700.000	71.093	16.141	160.145
41826.973	50346.109	33.107	34.235	23.908
1.024				
3/17/2016 7:30:00 AM	156600.000	71.099	16.141	160.157
41869.902	50397.680	33.145	34.270	23.884
1.024				
3/17/2016 7:45:00 AM	157500.000	71.098	16.141	160.154
41814.547	50331.348	33.097	34.225	23.915
1.024				
3/17/2016 8:00:00 AM	158400.000	71.096	16.140	160.152
41850.352	50375.070	33.129	34.255	23.895
1.024				
3/17/2016 8:15:00 AM	159300.000	71.089	16.140	160.136
41853.293	50379.012	33.132	34.258	23.893
1.024				
3/17/2016 8:30:00 AM	160200.000	71.087	16.140	160.131
41847.551	50371.895	33.126	34.253	23.896
1.024				
3/17/2016 8:45:00 AM	161100.000	71.081	16.140	160.117
41831.559	50353.063	33.112	34.240	23.905
1.024				
3/17/2016 9:00:00 AM	162000.000	71.074	16.140	160.101
41840.566	50363.691	33.120	34.247	23.900
1.024				

3/17/2016 9:15:00 AM	162900.000	71.060	16.140	160.071
41836.359	50358.734	33.117	34.244	23.903
1.024				
3/17/2016 9:30:00 AM	163800.000	71.047	16.140	160.040
41820.688	50339.164	33.102	34.231	23.912
1.024				
3/17/2016 9:45:00 AM	164700.000	71.029	16.140	160.000
41847.152	50371.117	33.126	34.252	23.896
1.024				
3/17/2016 10:00:00 AM	165600.000	71.015	16.141	159.968
41863.961	50390.824	33.140	34.266	23.887
1.024				
3/17/2016 10:15:00 AM	166500.000	70.996	16.140	159.926
41837.957	50360.047	33.118	34.245	23.902
1.024				
3/17/2016 10:30:00 AM	167400.000	70.980	16.140	159.890
41783.348	50294.102	33.069	34.200	23.933
1.024				
3/17/2016 10:45:00 AM	168300.000	70.965	16.142	159.855
41855.859	50379.961	33.132	34.258	23.892
1.024				
3/17/2016 11:00:00 AM	169200.000	70.941	16.142	159.802
41834.852	50354.367	33.114	34.241	23.904
1.024				
3/17/2016 11:15:00 AM	170100.000	70.897	16.142	159.703
41828.348	50345.938	33.107	34.235	23.907
1.024				
3/17/2016 11:30:00 AM	171000.000	70.891	16.143	159.689
41851.012	50372.508	33.127	34.253	23.894
1.024				
3/17/2016 11:45:00 AM	171900.000	70.869	16.144	159.639
41827.574	50343.070	33.105	34.233	23.908
1.024				
3/17/2016 12:00:00 PM	172800.000	70.851	16.145	159.600
41838.527	50354.824	33.114	34.241	23.901
1.024				
3/17/2016 12:15:00 PM	173700.000	70.828	16.145	159.546
41818.215	50330.676	33.096	34.225	23.913
1.024				
3/17/2016 12:30:00 PM	174600.000	70.806	16.146	159.496
41842.063	50358.266	33.117	34.244	23.899
1.024				
3/17/2016 12:45:00 PM	175500.000	70.782	16.147	159.444
41846.488	50361.855	33.119	34.246	23.897
1.024				
3/17/2016 1:00:00 PM	176400.000	70.769	16.147	159.414
41807.965	50315.809	33.086	34.215	23.919
1.024				
3/17/2016 1:15:00 PM	177300.000	70.751	16.148	159.374
41878.520	50400.199	33.148	34.272	23.879
1.024				
3/17/2016 1:30:00 PM	178200.000	70.734	16.149	159.335
41850.383	50364.402	33.121	34.248	23.895
1.024				
3/17/2016 1:45:00 PM	179100.000	70.720	16.149	159.303
41835.883	50346.855	33.109	34.236	23.903
1.024				
3/17/2016 2:00:00 PM	180000.000	70.704	16.150	159.269



41841.289	50352.754	33.113	34.240	23.900
1.024				
3/17/2016 2:15:00 PM	180900.000	70.684	16.151	159.223
41852.688	50364.750	33.122	34.248	23.893
1.024				
3/17/2016 2:30:00 PM	181800.000	70.696	16.152	159.250
41871.691	50387.406	33.139	34.263	23.882
1.024				
3/17/2016 2:45:00 PM	182700.000	70.685	16.153	159.224
41876.637	50391.723	33.142	34.266	23.880
1.024				
3/17/2016 3:00:00 PM	183600.000	70.682	16.153	159.219
41865.250	50377.508	33.131	34.257	23.886
1.024				
3/17/2016 3:15:00 PM	184500.000	70.665	16.155	159.180
41836.137	50341.051	33.105	34.232	23.903
1.024				
3/17/2016 3:30:00 PM	185400.000	70.664	16.155	159.178
41852.340	50360.145	33.119	34.245	23.894
1.024				
3/17/2016 3:45:00 PM	186300.000	70.654	16.155	159.155
41896.426	50412.777	33.157	34.281	23.868
1.024				
3/17/2016 4:00:00 PM	187200.000	70.666	16.156	159.182
41868.324	50378.766	33.132	34.258	23.884
1.024				
3/17/2016 4:15:00 PM	188100.000	70.670	16.157	159.191
41815.191	50312.797	33.084	34.213	23.915
1.024				
3/17/2016 4:30:00 PM	189000.000	70.673	16.157	159.198
41848.598	50352.895	33.114	34.240	23.896
1.024				
3/17/2016 4:45:00 PM	189900.000	70.674	16.158	159.201
41850.820	50354.660	33.115	34.241	23.894
1.024				
3/17/2016 5:00:00 PM	190800.000	70.680	16.159	159.215
41845.531	50347.582	33.110	34.236	23.897
1.024				
3/17/2016 5:15:00 PM	191700.000	70.698	16.159	159.253
41857.320	50361.145	33.120	34.246	23.891
1.024				
3/17/2016 5:30:00 PM	192600.000	70.701	16.159	159.261
41880.711	50389.195	33.140	34.265	23.877
1.024				
3/17/2016 5:45:00 PM	193500.000	70.704	16.160	159.268
41859.965	50363.930	33.122	34.247	23.889
1.024				
3/17/2016 6:00:00 PM	194400.000	70.720	16.160	159.304
41893.035	50403.398	33.151	34.274	23.870
1.024				
3/17/2016 6:15:00 PM	195300.000	70.737	16.159	159.343
41863.734	50368.770	33.125	34.251	23.887
1.024				
3/17/2016 6:30:00 PM	196200.000	70.748	16.160	159.366
41854.227	50356.313	33.116	34.242	23.892
1.024				
3/17/2016 6:45:00 PM	197100.000	70.755	16.160	159.382
41866.152	50371.570	33.127	34.253	23.886

1.024				
3/17/2016 7:00:00 PM	198000.000	70.769	16.160	159.413
41862.938	50366.883	33.124	34.249	23.887
1.024				
3/17/2016 7:15:00 PM	198900.000	70.775	16.160	159.428
41890.172	50400.469	33.149	34.272	23.872
1.024				
3/17/2016 7:30:00 PM	199800.000	70.783	16.160	159.445
41894.332	50404.770	33.152	34.275	23.870
1.024				
3/17/2016 7:45:00 PM	200700.000	70.793	16.160	159.468
41906.555	50420.074	33.163	34.286	23.863
1.024				
3/17/2016 8:00:00 PM	201600.000	70.813	16.160	159.512
41909.770	50423.535	33.166	34.288	23.861
1.024				
3/17/2016 8:15:00 PM	202500.000	70.815	16.159	159.517
41855.629	50359.508	33.119	34.244	23.892
1.024				
3/17/2016 8:30:00 PM	203400.000	70.828	16.160	159.546
41811.773	50305.949	33.079	34.208	23.917
1.024				
3/17/2016 8:45:00 PM	204300.000	70.832	16.159	159.557
41863.066	50367.965	33.125	34.250	23.887
1.024				
3/17/2016 9:00:00 PM	205200.000	70.835	16.158	159.562
41863.953	50370.348	33.126	34.252	23.887
1.024				
3/17/2016 9:15:00 PM	206100.000	70.840	16.158	159.574
41828.172	50327.410	33.095	34.223	23.907
1.024				
3/17/2016 9:30:00 PM	207000.000	70.842	16.158	159.579
41881.895	50392.551	33.143	34.267	23.877
1.024				
3/17/2016 9:45:00 PM	207900.000	70.839	16.158	159.573
41844.090	50346.445	33.109	34.236	23.898
1.024				
3/17/2016 10:00:00 PM	208800.000	70.839	16.158	159.572
42116.426	50674.637	33.350	34.459	23.744
1.024				
3/17/2016 10:15:00 PM	209700.000	70.843	16.158	159.580
41885.234	50396.367	33.146	34.270	23.875
1.024				
3/17/2016 10:30:00 PM	210600.000	70.832	16.158	159.557
41978.406	50508.473	33.228	34.346	23.822
1.024				
3/17/2016 10:45:00 PM	211500.000	70.827	16.158	159.544
41927.031	50446.656	33.183	34.304	23.851
1.024				
3/17/2016 11:00:00 PM	212400.000	70.819	16.158	159.526
41893.043	50405.965	33.153	34.276	23.870
1.024				
3/17/2016 11:15:00 PM	213300.000	70.813	16.158	159.513
41929.520	50449.352	33.185	34.306	23.850
1.024				
3/17/2016 11:30:00 PM	214200.000	70.801	16.158	159.486
41929.824	50449.602	33.185	34.306	23.849
1.024				

3/17/2016 11:45:00 PM	215100.000	70.793	16.159	159.467
41921.887	50439.227	33.177	34.299	23.854
1.024				
3/18/2016 12:00:00 AM	216000.000	70.783	16.158	159.445
41956.211	50481.555	33.208	34.327	23.834
1.024				
3/18/2016 12:15:00 AM	216900.000	70.772	16.159	159.420
41902.254	50415.605	33.160	34.283	23.865
1.024				
3/18/2016 12:30:00 AM	217800.000	70.762	16.159	159.398
41918.363	50434.988	33.174	34.296	23.856
1.024				
3/18/2016 12:45:00 AM	218700.000	70.754	16.160	159.381
41870.945	50376.930	33.131	34.256	23.883
1.024				
3/18/2016 1:00:00 AM	219600.000	70.748	16.160	159.366
41922.449	50439.199	33.177	34.299	23.854
1.024				
3/18/2016 1:15:00 AM	220500.000	70.735	16.160	159.338
41916.762	50431.840	33.172	34.294	23.857
1.024				
3/18/2016 1:30:00 AM	221400.000	70.726	16.160	159.316
41930.227	50447.750	33.183	34.304	23.849
1.024				
3/18/2016 1:45:00 AM	222300.000	70.719	16.161	159.301
41944.023	50463.313	33.195	34.315	23.841
1.024				
3/18/2016 2:00:00 AM	223200.000	70.709	16.161	159.279
41903.727	50414.641	33.159	34.282	23.864
1.024				
3/18/2016 2:15:00 AM	224100.000	70.711	16.162	159.284
41918.688	50431.410	33.172	34.293	23.856
1.024				
3/18/2016 2:30:00 AM	225000.000	70.708	16.162	159.277
41941.766	50459.176	33.192	34.312	23.843
1.024				
3/18/2016 2:45:00 AM	225900.000	70.704	16.163	159.269
41917.734	50429.855	33.171	34.292	23.856
1.024				
3/18/2016 3:00:00 AM	226800.000	70.703	16.163	159.265
41965.258	50486.430	33.212	34.331	23.829
1.024				
3/18/2016 3:15:00 AM	227700.000	70.706	16.163	159.272
41885.781	50391.008	33.142	34.266	23.874
1.024				
3/18/2016 3:30:00 AM	228600.000	70.707	16.164	159.275
41986.184	50510.973	33.230	34.347	23.817
1.024				
3/18/2016 3:45:00 AM	229500.000	70.714	16.164	159.289
41901.188	50408.227	33.155	34.278	23.866
1.024				
3/18/2016 4:00:00 AM	230400.000	70.714	16.164	159.291
41945.027	50461.371	33.194	34.314	23.841
1.024				
3/18/2016 4:15:00 AM	231300.000	70.727	16.164	159.320
41883.926	50388.262	33.140	34.264	23.876
1.024				
3/18/2016 4:30:00 AM	232200.000	70.725	16.165	159.316

42006.168	50533.898	33.247	34.363	23.806
1.024				
3/18/2016 4:45:00 AM	233100.000	70.735	16.164	159.338
41885.867	50389.582	33.141	34.265	23.874
1.024				
3/18/2016 5:00:00 AM	234000.000	70.746	16.164	159.362
41956.941	50475.086	33.204	34.323	23.834
1.024				
3/18/2016 5:15:00 AM	234900.000	70.754	16.164	159.381
41917.789	50428.090	33.169	34.291	23.856
1.024				
3/18/2016 5:30:00 AM	235800.000	70.765	16.164	159.405
41968.770	50489.832	33.215	34.333	23.827
1.024				
3/18/2016 5:45:00 AM	236700.000	70.773	16.164	159.423
41907.000	50415.008	33.160	34.282	23.862
1.024				
3/18/2016 6:00:00 AM	237600.000	70.783	16.164	159.445
41986.340	50510.559	33.230	34.347	23.817
1.024				
3/18/2016 6:15:00 AM	238500.000	70.797	16.164	159.476
41901.336	50408.602	33.155	34.278	23.866
1.024				
3/18/2016 6:30:00 AM	239400.000	70.806	16.163	159.497
41947.887	50465.414	33.197	34.316	23.839
1.024				
3/18/2016 6:45:00 AM	240300.000	70.816	16.164	159.519
41934.395	50448.785	33.184	34.305	23.847
1.024				
3/18/2016 7:00:00 AM	241200.000	70.828	16.163	159.546
41938.316	50454.617	33.189	34.309	23.845
1.024				
3/18/2016 7:15:00 AM	242100.000	70.840	16.163	159.574
41905.266	50414.254	33.159	34.282	23.863
1.024				
3/18/2016 7:30:00 AM	243000.000	70.843	16.162	159.581
41928.199	50442.754	33.180	34.301	23.850
1.024				
3/18/2016 7:45:00 AM	243900.000	70.849	16.163	159.595
41929.016	50443.633	33.181	34.302	23.850
1.024				
3/18/2016 8:00:00 AM	244800.000	70.858	16.162	159.615
42003.289	50533.492	33.247	34.363	23.808
1.024				
3/18/2016 8:15:00 AM	245700.000	70.855	16.163	159.608
41932.648	50447.906	33.184	34.305	23.848
1.024				
3/18/2016 8:30:00 AM	246600.000	70.856	16.162	159.611
41933.406	50449.535	33.185	34.306	23.847
1.024				
3/18/2016 8:45:00 AM	247500.000	70.853	16.161	159.604
41908.207	50420.031	33.163	34.286	23.862
1.024				
3/18/2016 9:00:00 AM	248400.000	70.851	16.162	159.600
41934.594	50451.359	33.186	34.307	23.847
1.024				
3/18/2016 9:15:00 AM	249300.000	70.843	16.162	159.581
41925.004	50439.523	33.178	34.299	23.852

1.024				
3/18/2016 9:30:00 AM	250200.000	70.843	16.162	159.581
41988.574	50516.422	33.234	34.351	23.816
1.024				
3/18/2016 9:45:00 AM	251100.000	70.837	16.161	159.568
41916.969	50430.668	33.171	34.293	23.857
1.024				
3/18/2016 10:00:00 AM	252000.000	70.819	16.162	159.526
41929.273	50445.074	33.182	34.303	23.850
1.024				
3/18/2016 10:15:00 AM	252900.000	70.804	16.162	159.494
41914.855	50427.816	33.169	34.291	23.858
1.024				
3/18/2016 10:30:00 AM	253800.000	70.790	16.162	159.461
41976.156	50501.266	33.223	34.341	23.823
1.024				
3/18/2016 10:45:00 AM	254700.000	70.774	16.162	159.425
41929.953	50444.867	33.182	34.303	23.849
1.024				
3/18/2016 11:00:00 AM	255600.000	70.758	16.163	159.389
41986.340	50512.500	33.231	34.349	23.817
1.024				
3/18/2016 11:15:00 AM	256500.000	70.736	16.164	159.340
41918.125	50429.309	33.170	34.292	23.856
1.024				
3/18/2016 11:30:00 AM	257400.000	70.720	16.164	159.304
41991.848	50517.785	33.235	34.352	23.814
1.024				
3/18/2016 11:45:00 AM	258300.000	70.694	16.165	159.245
41950.156	50466.832	33.198	34.317	23.838
1.024				
3/18/2016 12:00:00 PM	259200.000	70.679	16.165	159.211
41944.270	50459.543	33.192	34.312	23.841
1.024				
3/18/2016 12:15:00 PM	260100.000	70.656	16.166	159.160
41894.336	50397.840	33.147	34.271	23.870
1.024				
3/18/2016 12:30:00 PM	261000.000	70.636	16.166	159.114
41988.297	50510.664	33.230	34.347	23.816
1.024				
3/18/2016 12:45:00 PM	261900.000	70.623	16.167	159.085
41885.820	50386.684	33.139	34.263	23.874
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3/18/2016 1:00:00 PM	262800.000	70.603	16.167	159.040
41940.996	50452.430	33.187	34.308	23.843
1.024				
3/18/2016 1:15:00 PM	263700.000	70.582	16.168	158.994
41897.961	50400.145	33.149	34.272	23.868
1.024				
3/18/2016 1:30:00 PM	264600.000	70.567	16.168	158.959
42023.883	50550.914	33.260	34.375	23.796
1.024				
3/18/2016 1:45:00 PM	265500.000	70.548	16.170	158.915
41919.434	50423.547	33.166	34.288	23.855
1.024				
3/18/2016 2:00:00 PM	266400.000	70.532	16.170	158.880
41982.855	50499.332	33.222	34.340	23.819
1.024				

3/18/2016 2:15:00 PM 41916.383 1.024	267300.000 50418.664	70.519 33.163	16.171 34.285	158.850 23.857
3/18/2016 2:30:00 PM 41946.551 1.024	268200.000 50453.512	70.508 33.189	16.172 34.308	158.825 23.840
3/18/2016 2:45:00 PM 41899.164 1.024	269100.000 50396.816	70.496 33.147	16.172 34.270	158.799 23.867
3/18/2016 3:00:00 PM 41980.746 1.024	270000.000 50493.004	70.484 33.218	16.174 34.335	158.772 23.820
3/18/2016 3:15:00 PM 41944.406 1.024	270900.000 50449.102	70.471 33.185	16.174 34.305	158.743 23.841
3/18/2016 3:30:00 PM 42023.480 1.024	271800.000 50543.184	70.470 33.255	16.175 34.369	158.740 23.796
3/18/2016 3:45:00 PM 41953.676 1.024	272700.000 50457.801	70.457 33.192	16.176 34.311	158.712 23.836
3/18/2016 4:00:00 PM 41937.574 1.024	273600.000 50438.434	70.458 33.178	16.176 34.298	158.714 23.845
3/18/2016 4:15:00 PM 41946.254 1.024	274500.000 50448.566	70.452 33.185	16.176 34.305	158.700 23.840
3/18/2016 4:30:00 PM 42054.773 1.024	275400.000 50577.250	70.451 33.280	16.178 34.393	158.698 23.779
3/18/2016 4:45:00 PM 41898.023 1.024	276300.000 50388.324	70.452 33.141	16.178 34.264	158.700 23.867
3/18/2016 5:00:00 PM 42005.250 1.024	277200.000 50515.840	70.456 33.235	16.179 34.351	158.709 23.807
3/18/2016 5:15:00 PM 41967.387 1.024	278100.000 50470.824	70.457 33.202	16.179 34.320	158.712 23.828
3/18/2016 5:30:00 PM 41995.148 1.024	279000.000 50503.195	70.459 33.226	16.180 34.342	158.716 23.812
3/18/2016 5:45:00 PM 41935.559 1.024	279900.000 50430.805	70.465 33.172	16.180 34.293	158.730 23.846
3/18/2016 6:00:00 PM 41994.313 1.024	280800.000 50500.348	70.468 33.224	16.181 34.340	158.736 23.813
3/18/2016 6:15:00 PM 41962.008 1.024	281700.000 50461.387	70.480 33.195	16.182 34.314	158.764 23.831
3/18/2016 6:30:00 PM 42051.844 1.024	282600.000 50569.418	70.489 33.274	16.182 34.387	158.783 23.780
3/18/2016 6:45:00 PM 41934.219 1.024	283500.000 50427.461	70.499 33.170	16.182 34.291	158.806 23.847
3/18/2016 7:00:00 PM	284400.000	70.510	16.182	158.831

42029.836	50541.844	33.254	34.368	23.793
1.024				
3/18/2016 7:15:00 PM	285300.000	70.520	16.183	158.853
41951.805	50447.594	33.185	34.304	23.837
1.024				
3/18/2016 7:30:00 PM	286200.000	70.534	16.183	158.884
41997.125	50501.676	33.225	34.341	23.811
1.024				
3/18/2016 7:45:00 PM	287100.000	70.544	16.183	158.907
41940.684	50434.316	33.175	34.295	23.843
1.024				
3/18/2016 8:00:00 PM	288000.000	70.557	16.182	158.936
42006.547	50513.840	33.234	34.349	23.806
1.024				
3/18/2016 8:15:00 PM	288900.000	70.566	16.183	158.956
41998.281	50503.484	33.226	34.342	23.810
1.024				
3/18/2016 8:30:00 PM	289800.000	70.577	16.183	158.981
41986.023	50488.645	33.215	34.332	23.817
1.024				
3/18/2016 8:45:00 PM	290700.000	70.584	16.184	158.997
41966.348	50464.270	33.197	34.316	23.829
1.024				
3/18/2016 9:00:00 PM	291600.000	70.587	16.183	159.004
42017.461	50525.934	33.243	34.358	23.800
1.024				
3/18/2016 9:15:00 PM	292500.000	70.599	16.183	159.030
41984.227	50486.883	33.214	34.331	23.818
1.024				
3/18/2016 9:30:00 PM	293400.000	70.602	16.183	159.039
41976.246	50476.684	33.206	34.324	23.823
1.024				
3/18/2016 9:45:00 PM	294300.000	70.606	16.182	159.048
41911.832	50400.137	33.150	34.272	23.860
1.024				
3/18/2016 10:00:00 PM	295200.000	70.612	16.183	159.062
42006.707	50513.711	33.234	34.349	23.806
1.024				
3/18/2016 10:15:00 PM	296100.000	70.616	16.182	159.069
41967.633	50467.043	33.199	34.318	23.828
1.024				
3/18/2016 10:30:00 PM	297000.000	70.608	16.183	159.051
42025.207	50535.961	33.250	34.364	23.795
1.024				
3/18/2016 10:45:00 PM	297900.000	70.609	16.182	159.053
41962.328	50460.965	33.195	34.313	23.831
1.024				
3/18/2016 11:00:00 PM	298800.000	70.609	16.183	159.054
41940.156	50433.887	33.175	34.295	23.843
1.024				
3/18/2016 11:15:00 PM	299700.000	70.608	16.182	159.051
41929.629	50421.941	33.166	34.287	23.849
1.024				
3/18/2016 11:30:00 PM	300600.000	70.603	16.183	159.040
42003.660	50510.047	33.231	34.347	23.807
1.024				
3/18/2016 11:45:00 PM	301500.000	70.596	16.183	159.025
41969.848	50469.387	33.201	34.319	23.827

1.024				
3/19/2016 12:00:00 AM	302400.000	70.594	16.182	159.020
41991.609	50496.070	33.221	34.337	23.814
1.024				
3/19/2016 12:15:00 AM	303300.000	70.587	16.182	159.004
41917.070	50406.438	33.155	34.276	23.857
1.024				
3/19/2016 12:30:00 AM	304200.000	70.575	16.182	158.977
42040.418	50555.074	33.264	34.377	23.787
1.024				
3/19/2016 12:45:00 AM	305100.000	70.568	16.183	158.962
41928.355	50419.492	33.164	34.285	23.850
1.024				
3/19/2016 1:00:00 AM	306000.000	70.564	16.183	158.951
41999.605	50504.773	33.227	34.343	23.810
1.024				
3/19/2016 1:15:00 AM	306900.000	70.550	16.183	158.921
41945.719	50439.977	33.179	34.299	23.840
1.024				
3/19/2016 1:30:00 AM	307800.000	70.542	16.184	158.904
42015.605	50523.297	33.241	34.356	23.801
1.024				
3/19/2016 1:45:00 AM	308700.000	70.532	16.183	158.881
41958.633	50455.602	33.191	34.310	23.833
1.024				
3/19/2016 2:00:00 AM	309600.000	70.524	16.184	158.863
41989.488	50491.582	33.217	34.334	23.815
1.024				
3/19/2016 2:15:00 AM	310500.000	70.517	16.184	158.846
41945.777	50438.824	33.179	34.298	23.840
1.024				
3/19/2016 2:30:00 AM	311400.000	70.511	16.185	158.834
41992.465	50493.641	33.219	34.336	23.814
1.024				
3/19/2016 2:45:00 AM	312300.000	70.514	16.184	158.839
41952.758	50447.016	33.185	34.304	23.836
1.024				
3/19/2016 3:00:00 AM	313200.000	70.501	16.185	158.810
41997.590	50499.898	33.224	34.340	23.811
1.024				
3/19/2016 3:15:00 AM	314100.000	70.507	16.185	158.825
41975.805	50473.703	33.204	34.322	23.823
1.024				
3/19/2016 3:30:00 AM	315000.000	70.511	16.185	158.832
42003.242	50506.492	33.228	34.344	23.808
1.024				
3/19/2016 3:45:00 AM	315900.000	70.506	16.185	158.822
41966.473	50462.387	33.196	34.314	23.829
1.024				
3/19/2016 4:00:00 AM	316800.000	70.514	16.186	158.839
42028.473	50536.520	33.251	34.365	23.793
1.024				
3/19/2016 4:15:00 AM	317700.000	70.520	16.186	158.854
41947.469	50439.027	33.179	34.299	23.839
1.024				
3/19/2016 4:30:00 AM	318600.000	70.530	16.185	158.875
41953.668	50446.988	33.185	34.304	23.836
1.024				



3/19/2016 4:45:00 AM	319500.000	70.540	16.186	158.899
41989.426	50489.480	33.216	34.333	23.816
1.024				
3/19/2016 5:00:00 AM	320400.000	70.570	16.185	158.966
41979.375	50478.109	33.208	34.325	23.821
1.024				
3/19/2016 5:15:00 AM	321300.000	70.563	16.185	158.950
41955.809	50449.660	33.187	34.306	23.835
1.024				
3/19/2016 5:30:00 AM	322200.000	70.583	16.184	158.995
42021.465	50529.430	33.245	34.360	23.797
1.024				
3/19/2016 5:45:00 AM	323100.000	70.600	16.183	159.034
41927.059	50417.121	33.163	34.284	23.851
1.024				
3/19/2016 6:00:00 AM	324000.000	70.617	16.184	159.071
41969.656	50467.734	33.200	34.318	23.827
1.024				
3/19/2016 6:15:00 AM	324900.000	70.638	16.183	159.118
41955.715	50451.879	33.188	34.307	23.835
1.024				
3/19/2016 6:30:00 AM	325800.000	70.647	16.182	159.140
42021.488	50531.805	33.247	34.362	23.797
1.024				
3/19/2016 6:45:00 AM	326700.000	70.670	16.182	159.191
41979.531	50482.457	33.211	34.328	23.821
1.024				
3/19/2016 7:00:00 AM	327600.000	70.692	16.181	159.240
41980.777	50484.160	33.212	34.329	23.820
1.024				
3/19/2016 7:15:00 AM	328500.000	70.720	16.180	159.303
41967.215	50468.875	33.200	34.319	23.828
1.024				
3/19/2016 7:30:00 AM	329400.000	70.735	16.180	159.337
41969.852	50472.664	33.203	34.321	23.827
1.024				
3/19/2016 7:45:00 AM	330300.000	70.758	16.179	159.389
41979.395	50484.957	33.212	34.330	23.821
1.024				
3/19/2016 8:00:00 AM	331200.000	70.782	16.178	159.442
42008.359	50521.430	33.239	34.355	23.805
1.024				
3/19/2016 8:15:00 AM	332100.000	70.804	16.178	159.493
41957.520	50460.586	33.194	34.313	23.834
1.024				
3/19/2016 8:30:00 AM	333000.000	70.810	16.176	159.506
41963.844	50470.543	33.201	34.320	23.830
1.024				
3/19/2016 8:45:00 AM	333900.000	70.842	16.174	159.578
41963.977	50472.320	33.203	34.321	23.830
1.024				
3/19/2016 9:00:00 AM	334800.000	70.850	16.174	159.597
42031.641	50554.125	33.263	34.377	23.792
1.024				
3/19/2016 9:15:00 AM	335700.000	70.874	16.172	159.651
41944.730	50451.227	33.187	34.307	23.841
1.024				
3/19/2016 9:30:00 AM	336600.000	70.863	16.171	159.627

41982.461	50498.148	33.221	34.339	23.819
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3/19/2016 9:45:00 AM	337500.000	70.889	16.170	159.684
41962.191	50474.477	33.204	34.323	23.831
1.024				
3/19/2016 10:00:00 AM	338400.000	70.889	16.170	159.684
42003.531	50525.004	33.241	34.357	23.808
1.024				
3/19/2016 10:15:00 AM	339300.000	70.893	16.169	159.693
41923.918	50430.258	33.171	34.293	23.853
1.024				
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42001.652	50524.277	33.240	34.357	23.809
1.024				
3/19/2016 10:45:00 AM	341100.000	70.896	16.168	159.700
41946.113	50457.363	33.191	34.311	23.840
1.024				
3/19/2016 11:00:00 AM	342000.000	70.880	16.167	159.664
41990.359	50511.926	33.231	34.348	23.815
1.024				
3/19/2016 11:15:00 AM	342900.000	70.893	16.166	159.693
41947.113	50460.918	33.194	34.313	23.840
1.024				
3/19/2016 11:30:00 AM	343800.000	70.873	16.166	159.649
41947.148	50461.988	33.194	34.314	23.840
1.024				
3/19/2016 11:45:00 AM	344700.000	70.865	16.166	159.629
41919.773	50429.059	33.170	34.292	23.855
1.024				
3/19/2016 12:00:00 PM	345600.000	70.849	16.165	159.595
41948.934	50464.242	33.196	34.316	23.839
1.024				
3/19/2016 12:15:00 PM	346500.000	70.851	16.165	159.600
41934.551	50447.648	33.184	34.304	23.847
1.024				
3/19/2016 12:30:00 PM	347400.000	70.835	16.165	159.562
41961.980	50480.645	33.208	34.327	23.831
1.024				
3/19/2016 12:45:00 PM	348300.000	70.806	16.165	159.498
41941.734	50456.492	33.190	34.310	23.843
1.024				
3/19/2016 1:00:00 PM	349200.000	70.801	16.165	159.486
41969.035	50488.828	33.214	34.332	23.827
1.024				
3/19/2016 1:15:00 PM	350100.000	70.784	16.165	159.448
41966.348	50485.898	33.212	34.330	23.829
1.024				
3/19/2016 1:30:00 PM	351000.000	70.774	16.165	159.425
41941.617	50456.242	33.190	34.310	23.843
1.024				
3/19/2016 1:45:00 PM	351900.000	70.744	16.166	159.357
41912.992	50420.387	33.164	34.286	23.859
1.024				
3/19/2016 2:00:00 PM	352800.000	70.735	16.166	159.338
41984.035	50505.742	33.227	34.344	23.819
1.024				
3/19/2016 2:15:00 PM	353700.000	70.723	16.166	159.311
41949.742	50464.895	33.196	34.316	23.838

1.024				
3/19/2016 2:30:00 PM	354600.000	70.713	16.166	159.289
41964.449	50481.871	33.209	34.328	23.830
1.024				
3/19/2016 2:45:00 PM	355500.000	70.685	16.167	159.224
41927.852	50437.129	33.176	34.297	23.850
1.024				
3/19/2016 3:00:00 PM	356400.000	70.674	16.167	159.201
41962.426	50478.633	33.207	34.325	23.831
1.024				
3/19/2016 3:15:00 PM	357300.000	70.652	16.168	159.150
41959.336	50473.676	33.203	34.322	23.833
1.024				
3/19/2016 3:30:00 PM	358200.000	70.644	16.168	159.133
41954.371	50468.219	33.199	34.318	23.835
1.024				
3/19/2016 3:45:00 PM	359100.000	70.620	16.169	159.078
41949.527	50460.559	33.194	34.313	23.838
1.024				
3/19/2016 4:00:00 PM	360000.000	70.610	16.169	159.056
41975.547	50492.164	33.217	34.335	23.823
1.024				
3/19/2016 4:15:00 PM	360900.000	70.617	16.170	159.071
41917.863	50422.172	33.165	34.287	23.856
1.024				
3/19/2016 4:30:00 PM	361800.000	70.620	16.171	159.078
41951.016	50460.520	33.194	34.313	23.837
1.024				
3/19/2016 4:45:00 PM	362700.000	70.624	16.171	159.087
41933.641	50439.820	33.178	34.299	23.847
1.024				
3/19/2016 5:00:00 PM	363600.000	70.605	16.170	159.045
41993.777	50512.359	33.232	34.348	23.813
1.024				
3/19/2016 5:15:00 PM	364500.000	70.617	16.171	159.072
41966.488	50478.934	33.207	34.326	23.829
1.024				
3/19/2016 5:30:00 PM	365400.000	70.609	16.172	159.054
41954.109	50462.508	33.195	34.315	23.836
1.024				
3/19/2016 5:45:00 PM	366300.000	70.623	16.172	159.086
41983.090	50497.762	33.221	34.338	23.819
1.024				
3/19/2016 6:00:00 PM	367200.000	70.634	16.172	159.111
42003.852	50523.043	33.240	34.356	23.807
1.024				
3/19/2016 6:15:00 PM	368100.000	70.649	16.171	159.144
41916.762	50418.699	33.163	34.285	23.857
1.024				
3/19/2016 6:30:00 PM	369000.000	70.663	16.172	159.175
41877.813	50370.621	33.128	34.252	23.879
1.024				
3/19/2016 6:45:00 PM	369900.000	70.674	16.172	159.200
41944.344	50451.465	33.187	34.307	23.841
1.024				
3/19/2016 7:00:00 PM	370800.000	70.687	16.171	159.229
41980.539	50495.926	33.220	34.337	23.821
1.024				

3/19/2016 7:15:00 PM 41930.734 1.024	371700.000 50435.813	70.708 33.175	16.171 34.296	159.276 23.849
3/19/2016 7:30:00 PM 41962.980 1.024	372600.000 50476.027	70.734 33.205	16.170 34.324	159.334 23.831
3/19/2016 7:45:00 PM 41952.949 1.024	373500.000 50464.676	70.775 33.197	16.169 34.316	159.428 23.836
3/19/2016 8:00:00 PM 41918.039 1.024	374400.000 50422.988	70.771 33.166	16.169 34.288	159.419 23.856
3/19/2016 8:15:00 PM 41967.371 1.024	375300.000 50483.242	70.795 33.210	16.168 34.329	159.473 23.828
3/19/2016 8:30:00 PM 41952.199 1.024	376200.000 50466.020	70.830 33.197	16.167 34.317	159.551 23.837
3/19/2016 8:45:00 PM 41918.730 1.024	377100.000 50426.156	70.827 33.168	16.167 34.290	159.544 23.856
3/19/2016 9:00:00 PM 41948.719 1.024	378000.000 50463.152	70.859 33.195	16.166 34.315	159.617 23.839
3/19/2016 9:15:00 PM 41920.605 1.024	378900.000 50430.465	70.870 33.171	16.165 34.293	159.642 23.855
3/19/2016 9:30:00 PM 41958.199 1.024	379800.000 50477.008	70.901 33.205	16.164 34.324	159.711 23.833
3/19/2016 9:45:00 PM 41894.363 1.024	380700.000 50400.934	70.911 33.149	16.163 34.273	159.734 23.870
3/19/2016 10:00:00 PM 41932.898 1.024	381600.000 50447.691	70.924 33.184	16.163 34.304	159.762 23.848
3/19/2016 10:15:00 PM 41960.121 1.024	382500.000 50482.680	70.953 33.209	16.161 34.328	159.829 23.832
3/19/2016 10:30:00 PM 41963.430 1.024	383400.000 50487.902	70.962 33.213	16.160 34.332	159.849 23.830
3/19/2016 10:45:00 PM 41933.863 1.024	384300.000 50452.418	70.977 33.187	16.160 34.308	159.882 23.847
3/19/2016 11:00:00 PM 41954.664 1.024	385200.000 50479.188	70.972 33.206	16.159 34.326	159.872 23.835
3/19/2016 11:15:00 PM 41936.262 1.024	386100.000 50457.348	70.986 33.190	16.158 34.311	159.903 23.846
3/19/2016 11:30:00 PM 41938.129 1.024	387000.000 50460.930	70.986 33.193	16.157 34.313	159.902 23.845
3/19/2016 11:45:00 PM 41924.199 1.024	387900.000 50444.258	71.000 33.181	16.157 34.302	159.934 23.853
3/20/2016 12:00:00 AM	388800.000	70.977	16.156	159.882

41926.402	50448.246	33.184	34.305	23.851
1.024				
3/20/2016 12:15:00 AM	389700.000	70.992	16.155	159.915
41923.859	50445.688	33.182	34.303	23.853
1.024				
3/20/2016 12:30:00 AM	390600.000	70.988	16.154	159.908
41902.918	50421.711	33.164	34.287	23.865
1.024				
3/20/2016 12:45:00 AM	391500.000	70.986	16.154	159.903
41894.961	50412.242	33.157	34.280	23.869
1.024				
3/20/2016 1:00:00 AM	392400.000	70.963	16.154	159.851
41914.813	50436.023	33.174	34.296	23.858
1.024				
3/20/2016 1:15:00 AM	393300.000	70.973	16.154	159.874
41861.531	50372.324	33.128	34.253	23.888
1.024				
3/20/2016 1:30:00 AM	394200.000	70.954	16.154	159.830
41908.207	50429.004	33.169	34.292	23.862
1.024				
3/20/2016 1:45:00 AM	395100.000	70.954	16.154	159.831
41918.895	50441.660	33.179	34.300	23.856
1.024				
3/20/2016 2:00:00 AM	396000.000	70.939	16.153	159.798
41975.773	50510.617	33.229	34.347	23.823
1.024				
3/20/2016 2:15:00 AM	396900.000	70.944	16.153	159.808
41906.750	50427.859	33.168	34.291	23.863
1.024				
3/20/2016 2:30:00 AM	397800.000	70.946	16.154	159.814
41916.582	50439.180	33.177	34.299	23.857
1.024				
3/20/2016 2:45:00 AM	398700.000	70.920	16.154	159.753
41887.871	50404.531	33.151	34.275	23.873
1.024				
3/20/2016 3:00:00 AM	399600.000	70.897	16.153	159.703
41914.684	50437.195	33.175	34.297	23.858
1.024				
3/20/2016 3:15:00 AM	400500.000	70.887	16.155	159.681
41954.262	50483.281	33.209	34.329	23.835
1.024				
3/20/2016 3:30:00 AM	401400.000	70.881	16.154	159.667
41951.898	50480.949	33.207	34.327	23.837
1.024				
3/20/2016 3:45:00 AM	402300.000	70.877	16.154	159.657
41893.750	50410.578	33.156	34.279	23.870
1.024				
3/20/2016 4:00:00 AM	403200.000	70.870	16.155	159.642
41881.734	50395.711	33.145	34.269	23.877
1.024				
3/20/2016 4:15:00 AM	404100.000	70.879	16.155	159.661
41882.836	50397.336	33.146	34.270	23.876
1.024				
3/20/2016 4:30:00 AM	405000.000	70.885	16.155	159.676
41900.023	50417.219	33.161	34.284	23.866
1.024				
3/20/2016 4:45:00 AM	405900.000	70.881	16.155	159.667
41918.664	50439.438	33.177	34.299	23.856

1.024				
3/20/2016 5:00:00 AM	406800.000	70.879	16.155	159.663
41961.590	50492.008	33.216	34.335	23.831
1.024				
3/20/2016 5:15:00 AM	407700.000	70.887	16.154	159.680
41959.367	50489.742	33.214	34.333	23.833
1.024				
3/20/2016 5:30:00 AM	408600.000	70.899	16.155	159.707
41847.969	50354.672	33.115	34.241	23.896
1.024				
3/20/2016 5:45:00 AM	409500.000	70.905	16.154	159.721
41878.379	50392.289	33.142	34.267	23.879
1.024				
3/20/2016 6:00:00 AM	410400.000	70.915	16.154	159.743
41865.445	50376.520	33.131	34.256	23.886
1.024				
3/20/2016 6:15:00 AM	411300.000	70.942	16.154	159.805
41866.266	50378.020	33.132	34.257	23.886
1.024				
3/20/2016 6:30:00 AM	412200.000	70.968	16.154	159.862
41876.059	50389.895	33.141	34.265	23.880
1.024				
3/20/2016 6:45:00 AM	413100.000	70.970	16.153	159.867
41857.785	50368.641	33.125	34.251	23.890
1.024				
3/20/2016 7:00:00 AM	414000.000	70.999	16.152	159.932
41882.816	50400.082	33.148	34.272	23.876
1.024				
3/20/2016 7:15:00 AM	414900.000	71.010	16.152	159.957
41885.992	50404.516	33.151	34.275	23.874
1.024				
3/20/2016 7:30:00 AM	415800.000	71.025	16.152	159.991
41881.266	50398.828	33.147	34.271	23.877
1.024				
3/20/2016 7:45:00 AM	416700.000	71.058	16.150	160.065
41870.500	50387.395	33.138	34.263	23.883
1.024				
3/20/2016 8:00:00 AM	417600.000	71.078	16.150	160.110
41852.977	50366.719	33.123	34.249	23.893
1.024				
3/20/2016 8:15:00 AM	418500.000	71.089	16.149	160.136
41890.715	50413.242	33.157	34.281	23.872
1.024				
3/20/2016 8:30:00 AM	419400.000	71.107	16.148	160.175
41873.488	50393.738	33.143	34.268	23.881
1.024				
3/20/2016 8:45:00 AM	420300.000	71.147	16.146	160.265
41856.820	50375.922	33.130	34.256	23.891
1.024				
3/20/2016 9:00:00 AM	421200.000	71.141	16.146	160.252
41863.688	50384.699	33.136	34.262	23.887
1.024				
3/20/2016 9:15:00 AM	422100.000	71.145	16.145	160.261
41819.430	50332.051	33.097	34.226	23.912
1.024				
3/20/2016 9:30:00 AM	423000.000	71.175	16.144	160.329
41869.207	50392.773	33.142	34.267	23.884
1.024				

3/20/2016 9:45:00 AM	423900.000	71.171	16.144	160.319
41842.414	50361.230	33.119	34.246	23.899
1.024				
3/20/2016 10:00:00 AM	424800.000	71.181	16.143	160.341
41851.512	50373.402	33.128	34.254	23.894
1.024				
3/20/2016 10:15:00 AM	425700.000	71.194	16.141	160.372
41831.379	50350.602	33.111	34.238	23.905
1.024				
3/20/2016 10:30:00 AM	426600.000	71.184	16.141	160.350
41851.270	50375.039	33.129	34.255	23.894
1.024				
3/20/2016 10:45:00 AM	427500.000	71.186	16.141	160.353
41857.316	50382.531	33.134	34.260	23.891
1.024				
3/20/2016 11:00:00 AM	428400.000	71.179	16.139	160.337
41847.621	50372.492	33.127	34.253	23.896
1.024				
3/20/2016 11:15:00 AM	429300.000	71.184	16.139	160.348
41854.168	50380.469	33.133	34.259	23.892
1.024				
3/20/2016 11:30:00 AM	430200.000	71.175	16.139	160.329
41860.828	50388.594	33.139	34.264	23.889
1.024				
3/20/2016 11:45:00 AM	431100.000	71.164	16.139	160.303
41830.945	50353.137	33.112	34.240	23.906
1.024				
3/20/2016 12:00:00 PM	432000.000	71.138	16.139	160.245
41861.121	50389.766	33.139	34.265	23.889
1.024				
3/20/2016 12:15:00 PM	432900.000	71.120	16.138	160.204
41850.773	50377.621	33.130	34.257	23.894
1.024				
3/20/2016 12:30:00 PM	433800.000	71.123	16.140	160.212
41839.953	50362.953	33.120	34.247	23.901
1.024				
3/20/2016 12:45:00 PM	434700.000	71.095	16.139	160.148
41831.996	50353.688	33.113	34.241	23.905
1.024				
3/20/2016 1:00:00 PM	435600.000	71.071	16.140	160.095
41897.012	50431.848	33.170	34.294	23.868
1.024				
3/20/2016 1:15:00 PM	436500.000	71.054	16.140	160.056
41827.094	50347.387	33.108	34.236	23.908
1.024				
3/20/2016 1:30:00 PM	437400.000	71.024	16.140	159.988
41861.789	50388.637	33.139	34.264	23.888
1.024				
3/20/2016 1:45:00 PM	438300.000	70.990	16.141	159.913
41816.145	50332.461	33.097	34.226	23.914
1.024				
3/20/2016 2:00:00 PM	439200.000	70.978	16.142	159.886
41821.082	50337.910	33.101	34.230	23.911
1.024				
3/20/2016 2:15:00 PM	440100.000	70.946	16.142	159.812
41861.352	50386.164	33.137	34.263	23.888
1.024				
3/20/2016 2:30:00 PM	441000.000	70.933	16.143	159.783

41843.020	50362.980	33.120	34.247	23.899
1.024				
3/20/2016 2:45:00 PM	441900.000	70.914	16.144	159.740
41842.809	50361.707	33.119	34.246	23.899
1.024				
3/20/2016 3:00:00 PM	442800.000	70.893	16.144	159.693
41829.516	50345.207	33.107	34.235	23.907
1.024				
3/20/2016 3:15:00 PM	443700.000	70.878	16.145	159.660
41867.395	50390.379	33.140	34.265	23.885
1.024				
3/20/2016 3:30:00 PM	444600.000	70.847	16.146	159.590
41834.801	50350.039	33.111	34.238	23.904
1.024				
3/20/2016 3:45:00 PM	445500.000	70.837	16.147	159.568
41858.188	50376.754	33.130	34.256	23.890
1.024				
3/20/2016 4:00:00 PM	446400.000	70.810	16.147	159.506
41884.410	50407.492	33.153	34.277	23.875
1.024				
3/20/2016 4:15:00 PM	447300.000	70.797	16.148	159.478
41839.988	50353.016	33.113	34.240	23.901
1.024				
3/20/2016 4:30:00 PM	448200.000	70.791	16.149	159.464
41855.289	50370.820	33.126	34.252	23.892
1.024				
3/20/2016 4:45:00 PM	449100.000	70.766	16.150	159.406
41855.980	50370.434	33.126	34.252	23.891
1.024				
3/20/2016 5:00:00 PM	450000.000	70.763	16.151	159.400
41840.480	50350.762	33.112	34.239	23.900
1.024				
3/20/2016 5:15:00 PM	450900.000	70.754	16.151	159.381
41893.066	50414.047	33.158	34.282	23.870
1.024				
3/20/2016 5:30:00 PM	451800.000	70.749	16.152	159.369
41905.621	50427.414	33.168	34.291	23.863
1.024				
3/20/2016 5:45:00 PM	452700.000	70.737	16.153	159.343
41849.516	50359.492	33.118	34.244	23.895
1.024				
3/20/2016 6:00:00 PM	453600.000	70.750	16.153	159.372
41834.844	50341.430	33.105	34.232	23.904
1.024				
3/20/2016 6:15:00 PM	454500.000	70.747	16.154	159.364
41852.074	50360.945	33.119	34.245	23.894
1.024				
3/20/2016 6:30:00 PM	455400.000	70.762	16.154	159.398
41834.285	50339.125	33.103	34.231	23.904
1.024				
3/20/2016 6:45:00 PM	456300.000	70.758	16.155	159.390
41870.703	50382.734	33.135	34.260	23.883
1.024				
3/20/2016 7:00:00 PM	457200.000	70.771	16.156	159.419
41863.609	50372.988	33.128	34.254	23.887
1.024				
3/20/2016 7:15:00 PM	458100.000	70.788	16.155	159.458
41857.828	50366.234	33.123	34.249	23.890



1.024				
3/20/2016 7:30:00 PM	459000.000	70.801	16.155	159.487
41842.984	50348.777	33.110	34.237	23.899
1.024				
3/20/2016 7:45:00 PM	459900.000	70.818	16.155	159.523
41887.793	50402.590	33.150	34.274	23.873
1.024				
3/20/2016 8:00:00 PM	460800.000	70.825	16.155	159.541
41839.773	50344.609	33.107	34.234	23.901
1.024				
3/20/2016 8:15:00 PM	461700.000	70.840	16.155	159.573
41894.434	50411.199	33.156	34.280	23.870
1.024				
3/20/2016 8:30:00 PM	462600.000	70.862	16.155	159.624
41848.824	50356.215	33.116	34.242	23.896
1.024				
3/20/2016 8:45:00 PM	463500.000	70.887	16.154	159.680
41860.082	50370.891	33.127	34.252	23.889
1.024				
3/20/2016 9:00:00 PM	464400.000	70.891	16.154	159.689
41907.301	50427.809	33.168	34.291	23.862
1.024				
3/20/2016 9:15:00 PM	465300.000	70.914	16.153	159.740
41847.234	50356.031	33.116	34.242	23.896
1.024				
3/20/2016 9:30:00 PM	466200.000	70.929	16.152	159.774
41857.313	50369.074	33.125	34.251	23.891
1.024				
3/20/2016 9:45:00 PM	467100.000	70.932	16.152	159.782
41847.496	50357.785	33.117	34.243	23.896
1.024				
3/20/2016 10:00:00 PM	468000.000	70.959	16.151	159.842
41831.809	50340.125	33.104	34.231	23.905
1.024				
3/20/2016 10:15:00 PM	468900.000	70.980	16.151	159.888
41851.129	50363.270	33.121	34.247	23.894
1.024				
3/20/2016 10:30:00 PM	469800.000	71.005	16.149	159.945
41861.773	50377.910	33.131	34.257	23.888
1.024				
3/20/2016 10:45:00 PM	470700.000	71.009	16.149	159.956
41886.844	50408.496	33.154	34.278	23.874
1.024				
3/20/2016 11:00:00 PM	471600.000	71.018	16.148	159.974
41863.617	50381.258	33.134	34.259	23.887
1.024				
3/20/2016 11:15:00 PM	472500.000	71.025	16.148	159.992
41858.203	50375.746	33.130	34.256	23.890
1.024				
3/20/2016 11:30:00 PM	473400.000	71.025	16.147	159.991
41836.668	50350.555	33.111	34.238	23.902
1.024				
3/20/2016 11:45:00 PM	474300.000	71.024	16.147	159.988
41828.785	50341.367	33.104	34.232	23.907
1.024				
3/21/2016 12:00:00 AM	475200.000	71.022	16.147	159.983
41834.023	50347.172	33.109	34.236	23.904
1.024				

3/21/2016 12:15:00 AM	476100.000	71.022	16.146	159.984
41883.688	50407.957	33.153	34.277	23.876
1.024				
3/21/2016 12:30:00 AM	477000.000	71.019	16.146	159.978
41853.918	50372.738	33.127	34.253	23.893
1.024				
3/21/2016 12:45:00 AM	477900.000	71.014	16.145	159.966
41823.637	50336.805	33.101	34.229	23.910
1.024				
3/21/2016 1:00:00 AM	478800.000	71.009	16.145	159.954
41820.297	50332.988	33.098	34.226	23.912
1.024				
3/21/2016 1:15:00 AM	479700.000	70.994	16.145	159.922
41856.504	50376.672	33.130	34.256	23.891
1.024				
3/21/2016 1:30:00 AM	480600.000	70.973	16.145	159.874
41871.762	50394.727	33.143	34.268	23.882
1.024				
3/21/2016 1:45:00 AM	481500.000	70.977	16.145	159.882
41841.293	50357.961	33.116	34.243	23.900
1.024				
3/21/2016 2:00:00 AM	482400.000	70.969	16.145	159.865
41853.164	50373.051	33.127	34.254	23.893
1.024				
3/21/2016 2:15:00 AM	483300.000	70.954	16.145	159.830
41845.152	50363.098	33.120	34.247	23.898
1.024				
3/21/2016 2:30:00 AM	484200.000	70.930	16.146	159.776
41827.137	50339.898	33.103	34.231	23.908
1.024				
3/21/2016 2:45:00 AM	485100.000	70.927	16.146	159.770
41835.418	50349.961	33.111	34.238	23.903
1.024				
3/21/2016 3:00:00 AM	486000.000	70.924	16.146	159.763
41858.684	50377.961	33.131	34.257	23.890
1.024				
3/21/2016 3:15:00 AM	486900.000	70.911	16.147	159.733
41855.648	50373.797	33.128	34.254	23.892
1.024				
3/21/2016 3:30:00 AM	487800.000	70.884	16.147	159.672
41832.242	50345.629	33.107	34.235	23.905
1.024				
3/21/2016 3:45:00 AM	488700.000	70.884	16.147	159.674
41851.746	50368.906	33.125	34.251	23.894
1.024				
3/21/2016 4:00:00 AM	489600.000	70.872	16.147	159.646
41811.422	50320.059	33.089	34.218	23.917
1.024				
3/21/2016 4:15:00 AM	490500.000	70.866	16.148	159.632
41807.965	50314.582	33.085	34.214	23.919
1.024				
3/21/2016 4:30:00 AM	491400.000	70.844	16.149	159.584
41845.680	50359.457	33.118	34.244	23.897
1.024				
3/21/2016 4:45:00 AM	492300.000	70.848	16.148	159.592
41863.867	50382.355	33.135	34.260	23.887
1.024				
3/21/2016 5:00:00 AM	493200.000	70.837	16.148	159.568

41825.105	50335.105	33.100	34.228	23.909
1.024				
3/21/2016 5:15:00 AM	494100.000	70.835	16.149	159.563
41837.051	50348.660	33.110	34.237	23.902
1.024				
3/21/2016 5:30:00 AM	495000.000	70.843	16.149	159.581
41839.789	50351.555	33.112	34.239	23.901
1.024				
3/21/2016 5:45:00 AM	495900.000	70.857	16.149	159.613
41874.973	50393.898	33.143	34.268	23.881
1.024				
3/21/2016 6:00:00 AM	496800.000	70.853	16.149	159.604
41819.176	50326.953	33.094	34.222	23.912
1.024				
3/21/2016 6:15:00 AM	497700.000	70.864	16.149	159.629
41847.762	50361.461	33.119	34.246	23.896
1.024				
3/21/2016 6:30:00 AM	498600.000	70.866	16.149	159.632
41869.195	50387.457	33.138	34.263	23.884
1.024				
3/21/2016 6:45:00 AM	499500.000	70.878	16.149	159.660
41830.734	50341.375	33.105	34.232	23.906
1.024				
3/21/2016 7:00:00 AM	500400.000	70.894	16.149	159.696
41851.789	50366.094	33.123	34.249	23.894
1.024				
3/21/2016 7:15:00 AM	501300.000	70.911	16.148	159.734
41841.555	50354.793	33.114	34.241	23.900
1.024				
3/21/2016 7:30:00 AM	502200.000	70.931	16.148	159.779
41797.152	50302.273	33.076	34.206	23.925
1.024				
3/21/2016 7:45:00 AM	503100.000	70.946	16.147	159.814
41858.891	50377.188	33.131	34.256	23.890
1.024				
3/21/2016 8:00:00 AM	504000.000	70.978	16.147	159.885
41825.797	50337.773	33.102	34.230	23.909
1.024				
3/21/2016 8:15:00 AM	504900.000	71.017	16.146	159.972
41801.777	50309.164	33.081	34.210	23.922
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3/21/2016 8:30:00 AM	505800.000	71.031	16.144	160.005
41813.719	50325.992	33.093	34.222	23.916
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3/21/2016 8:45:00 AM	506700.000	71.050	16.144	160.046
41849.359	50369.293	33.125	34.251	23.895
1.024				
3/21/2016 9:00:00 AM	507600.000	71.080	16.143	160.115
41801.391	50312.363	33.083	34.212	23.923
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3/21/2016 9:15:00 AM	508500.000	71.089	16.142	160.136
41789.746	50299.563	33.073	34.204	23.929
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3/21/2016 9:30:00 AM	509400.000	71.136	16.141	160.240
41811.074	50326.461	33.093	34.222	23.917
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3/21/2016 9:45:00 AM	510300.000	71.137	16.140	160.243
41820.992	50340.043	33.103	34.231	23.911

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3/21/2016 10:00:00 AM	511200.000	71.165	16.139	160.306
41813.805	50331.992	33.097	34.226	23.916
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3/21/2016 10:15:00 AM	512100.000	71.169	16.138	160.315
41821.555	50343.262	33.105	34.233	23.911
1.024				
3/21/2016 10:30:00 AM	513000.000	71.200	16.137	160.384
41826.316	50349.703	33.110	34.238	23.908
1.024				
3/21/2016 10:45:00 AM	513900.000	71.199	16.136	160.382
41761.039	50272.133	33.053	34.185	23.946
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3/21/2016 11:00:00 AM	514800.000	71.229	16.134	160.451
41782.645	50300.070	33.073	34.204	23.933
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3/21/2016 11:15:00 AM	515700.000	71.213	16.134	160.414
41812.680	50336.949	33.100	34.229	23.916
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3/21/2016 11:30:00 AM	516600.000	71.199	16.134	160.382
41827.535	50354.734	33.113	34.241	23.908
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3/21/2016 11:45:00 AM	517500.000	71.216	16.132	160.422
41804.539	50328.879	33.094	34.224	23.921
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3/21/2016 12:00:00 PM	518400.000	71.223	16.132	160.438
41815.234	50342.566	33.104	34.233	23.915
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3/21/2016 12:15:00 PM	519300.000	71.201	16.132	160.388
41826.359	50355.758	33.114	34.242	23.908
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41838.535	50370.734	33.125	34.252	23.901
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3/21/2016 12:45:00 PM	521100.000	71.186	16.130	160.354
41822.250	50352.648	33.111	34.240	23.911
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3/21/2016 1:00:00 PM	522000.000	71.184	16.131	160.350
41781.027	50301.813	33.074	34.205	23.934
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3/21/2016 1:15:00 PM	522900.000	71.179	16.130	160.338
41768.199	50287.371	33.064	34.195	23.942
1.024				
3/21/2016 1:30:00 PM	523800.000	71.171	16.131	160.319
41763.559	50281.484	33.059	34.191	23.944
1.024				
3/21/2016 1:45:00 PM	524700.000	71.121	16.132	160.207
41780.430	50300.465	33.073	34.204	23.935
1.024				
3/21/2016 2:00:00 PM	525600.000	71.130	16.131	160.227
41812.547	50340.359	33.102	34.231	23.916
1.024				
3/21/2016 2:15:00 PM	526500.000	71.105	16.131	160.170
41808.566	50334.754	33.098	34.228	23.919
1.024				
3/21/2016 2:30:00 PM	527400.000	71.072	16.132	160.096
41825.453	50354.473	33.113	34.241	23.909
1.024				

3/21/2016 2:45:00 PM 41783.813 1.024	528300.000 50304.340	71.039 33.076	16.132 34.207	160.022 23.933
3/21/2016 3:00:00 PM 41846.871 1.024	529200.000 50379.230	71.020 33.131	16.133 34.258	159.980 23.897
3/21/2016 3:15:00 PM 41796.223 1.024	530100.000 50317.746	71.023 33.086	16.133 34.216	159.985 23.926
3/21/2016 3:30:00 PM 41816.707 1.024	531000.000 50342.520	71.007 33.104	16.133 34.233	159.951 23.914
3/21/2016 3:45:00 PM 41780.223 1.024	531900.000 50296.445	70.977 33.071	16.135 34.202	159.882 23.935
3/21/2016 4:00:00 PM 41829.918 1.024	532800.000 50356.172	70.945 33.114	16.135 34.242	159.810 23.906
3/21/2016 4:15:00 PM 41781.145 1.024	533700.000 50297.043	70.962 33.071	16.135 34.202	159.850 23.934
3/21/2016 4:30:00 PM 41778.484 1.024	534600.000 50293.242	70.951 33.068	16.136 34.199	159.824 23.936
3/21/2016 4:45:00 PM 41800.902 1.024	535500.000 50319.203	70.933 33.087	16.137 34.217	159.783 23.923
3/21/2016 5:00:00 PM 41789.738 1.024	536400.000 50305.672	70.921 33.077	16.137 34.208	159.756 23.929
3/21/2016 5:15:00 PM 41802.637 1.024	537300.000 50320.191	70.905 33.088	16.138 34.218	159.720 23.922
3/21/2016 5:30:00 PM 41837.840 1.024	538200.000 50362.352	70.903 33.119	16.138 34.246	159.715 23.902
3/21/2016 5:45:00 PM 41801.250 1.024	539100.000 50316.984	70.925 33.086	16.139 34.216	159.765 23.923
3/21/2016 6:00:00 PM 41855.563 1.024	540000.000 50381.957	70.879 33.134	16.140 34.260	159.663 23.892
3/21/2016 6:15:00 PM 41820.473 1.024	540900.000 50339.203	70.874 33.102	16.140 34.231	159.651 23.912
3/21/2016 6:30:00 PM 41820.430 1.024	541800.000 50339.664	70.901 33.103	16.140 34.231	159.711 23.912
3/21/2016 6:45:00 PM 41809.082 1.024	542700.000 50325.492	70.915 33.092	16.140 34.221	159.743 23.918
3/21/2016 7:00:00 PM 41769.762 1.024	543600.000 50277.043	70.893 33.057	16.141 34.188	159.693 23.941
3/21/2016 7:15:00 PM 41847.078 1.024	544500.000 50370.813	70.925 33.126	16.140 34.252	159.765 23.897
3/21/2016 7:30:00 PM	545400.000	70.946	16.141	159.814

41821.383	50339.277	33.102	34.231	23.911
1.024				
3/21/2016 7:45:00 PM	546300.000	70.932	16.141	159.782
41833.074	50353.559	33.113	34.240	23.905
1.024				
3/21/2016 8:00:00 PM	547200.000	70.971	16.141	159.868
41790.746	50302.301	33.075	34.206	23.929
1.024				
3/21/2016 8:15:00 PM	548100.000	70.964	16.140	159.854
41821.773	50340.270	33.103	34.231	23.911
1.024				
3/21/2016 8:30:00 PM	549000.000	71.008	16.140	159.953
41767.258	50275.051	33.055	34.187	23.942
1.024				
3/21/2016 8:45:00 PM	549900.000	71.023	16.140	159.985
41850.844	50375.859	33.129	34.256	23.894
1.024				
3/21/2016 9:00:00 PM	550800.000	71.019	16.138	159.977
41853.125	50380.551	33.133	34.259	23.893
1.024				
3/21/2016 9:15:00 PM	551700.000	71.074	16.138	160.101
41796.840	50312.586	33.083	34.213	23.925
1.024				
3/21/2016 9:30:00 PM	552600.000	71.069	16.138	160.089
41851.152	50378.781	33.131	34.258	23.894
1.024				
3/21/2016 9:45:00 PM	553500.000	71.105	16.137	160.170
41835.852	50361.691	33.119	34.246	23.903
1.024				
3/21/2016 10:00:00 PM	554400.000	71.132	16.136	160.231
41785.148	50300.750	33.074	34.205	23.932
1.024				
3/21/2016 10:15:00 PM	555300.000	71.145	16.135	160.261
41790.598	50308.938	33.080	34.210	23.929
1.024				
3/21/2016 10:30:00 PM	556200.000	71.147	16.134	160.266
41790.340	50310.055	33.080	34.211	23.929
1.024				
3/21/2016 10:45:00 PM	557100.000	71.184	16.134	160.350
41799.043	50320.832	33.088	34.218	23.924
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3/21/2016 11:00:00 PM	558000.000	71.181	16.133	160.343
41793.590	50315.293	33.084	34.214	23.927
1.024				
3/21/2016 11:15:00 PM	558900.000	71.205	16.132	160.397
41820.734	50348.375	33.108	34.237	23.912
1.024				
3/21/2016 11:30:00 PM	559800.000	71.240	16.131	160.476
41787.785	50309.945	33.080	34.211	23.930
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3/21/2016 11:45:00 PM	560700.000	71.227	16.130	160.446
41788.781	50312.051	33.082	34.212	23.930
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3/22/2016 12:00:00 AM	561600.000	71.221	16.130	160.433
41841.934	50376.559	33.129	34.256	23.899
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3/22/2016 12:15:00 AM	562500.000	71.210	16.129	160.409
41768.199	50288.488	33.064	34.196	23.942

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3/22/2016 12:30:00 AM	563400.000	71.242	16.129	160.480
41779.078	50302.496	33.075	34.206	23.935
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3/22/2016 12:45:00 AM	564300.000	71.216	16.128	160.422
41766.340	50288.281	33.064	34.196	23.943
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3/22/2016 1:00:00 AM	565200.000	71.235	16.127	160.463
41818.266	50351.102	33.110	34.239	23.913
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3/22/2016 1:15:00 AM	566100.000	71.216	16.128	160.420
41804.793	50334.582	33.098	34.228	23.921
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3/22/2016 1:30:00 AM	567000.000	71.232	16.127	160.456
41795.742	50323.984	33.090	34.220	23.926
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3/22/2016 1:45:00 AM	567900.000	71.201	16.127	160.387
41798.863	50327.742	33.093	34.223	23.924
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3/22/2016 2:00:00 AM	568800.000	71.203	16.127	160.391
41797.219	50326.785	33.092	34.222	23.925
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3/22/2016 2:15:00 AM	569700.000	71.168	16.127	160.312
41762.449	50284.824	33.061	34.194	23.945
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3/22/2016 2:30:00 AM	570600.000	71.174	16.127	160.327
41779.141	50305.020	33.076	34.207	23.935
1.024				
3/22/2016 2:45:00 AM	571500.000	71.145	16.127	160.261
41784.293	50310.625	33.080	34.211	23.932
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3/22/2016 3:00:00 AM	572400.000	71.122	16.127	160.209
41806.570	50337.223	33.100	34.229	23.920
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3/22/2016 3:15:00 AM	573300.000	71.107	16.128	160.175
41795.410	50322.875	33.089	34.220	23.926
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3/22/2016 3:30:00 AM	574200.000	71.097	16.127	160.152
41785.844	50312.180	33.082	34.212	23.932
1.024				
3/22/2016 3:45:00 AM	575100.000	71.064	16.129	160.079
41794.922	50321.574	33.089	34.219	23.926
1.024				
3/22/2016 4:00:00 AM	576000.000	71.079	16.129	160.112
41805.887	50334.469	33.098	34.227	23.920
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3/22/2016 4:15:00 AM	576900.000	71.058	16.129	160.065
41781.328	50304.809	33.076	34.207	23.934
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3/22/2016 4:30:00 AM	577800.000	71.048	16.130	160.042
41751.402	50268.074	33.049	34.182	23.951
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3/22/2016 4:45:00 AM	578700.000	71.038	16.130	160.021
41797.043	50322.207	33.089	34.219	23.925
1.024				
3/22/2016 5:00:00 AM	579600.000	71.009	16.131	159.955
41767.918	50286.820	33.063	34.195	23.942
1.024				

3/22/2016 5:15:00 AM 41784.500 1.024	580500.000 50306.996	71.051 33.078	16.130 34.209	160.049 23.932
3/22/2016 5:30:00 AM 41762.008 1.024	581400.000 50279.000	71.038 33.057	16.131 34.190	160.020 23.945
3/22/2016 5:45:00 AM 41764.391 1.024	582300.000 50280.758	71.012 33.059	16.132 34.191	159.962 23.944
3/22/2016 6:00:00 AM 41786.652 1.024	583200.000 50307.344	71.004 33.078	16.132 34.209	159.943 23.931
3/22/2016 6:15:00 AM 41759.387 1.024	584100.000 50274.828	70.988 33.054	16.132 34.187	159.908 23.947
3/22/2016 6:30:00 AM 41797.520 1.024	585000.000 50319.914	71.001 33.088	16.133 34.218	159.936 23.925
3/22/2016 6:45:00 AM 41816.055 1.024	585900.000 50342.340	70.965 33.104	16.133 34.233	159.856 23.914
3/22/2016 7:00:00 AM 41830.047 1.024	586800.000 50358.273	71.000 33.116	16.133 34.244	159.934 23.906
3/22/2016 7:15:00 AM 41800.805 1.024	587700.000 50322.867	71.001 33.090	16.134 34.220	159.936 23.923
3/22/2016 7:30:00 AM 41769.180 1.024	588600.000 50284.793	71.022 33.062	16.134 34.194	159.983 23.941
3/22/2016 7:45:00 AM 41823.117 1.024	589500.000 50349.109	71.035 33.109	16.134 34.237	160.013 23.910
3/22/2016 8:00:00 AM 41768.465 1.024	590400.000 50284.234	71.069 33.061	16.133 34.193	160.089 23.942
3/22/2016 8:15:00 AM 41799.164 1.024	591300.000 50321.492	71.060 33.089	16.133 34.219	160.071 23.924
3/22/2016 8:30:00 AM 41777.781 1.024	592200.000 50296.770	71.095 33.071	16.132 34.202	160.150 23.936
3/22/2016 8:45:00 AM 41796.824 1.024	593100.000 50319.695	71.093 33.087	16.132 34.217	160.143 23.925
3/22/2016 9:00:00 AM 41800.383 1.024	594000.000 50324.387	71.103 33.091	16.132 34.221	160.166 23.923
3/22/2016 9:15:00 AM 41764.023 1.024	594900.000 50281.340	71.163 33.059	16.131 34.191	160.302 23.944
3/22/2016 9:30:00 AM 41786.969 1.024	595800.000 50309.457	71.164 33.080	16.131 34.210	160.303 23.931
3/22/2016 9:45:00 AM 41808.473 1.024	596700.000 50337.281	71.200 33.100	16.129 34.229	160.384 23.919
3/22/2016 10:00:00 AM	597600.000	71.184	16.130	160.350



41796.875	50322.910	33.090	34.220	23.925
1.024				
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41792.121	50318.199	33.086	34.216	23.928
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3/22/2016 10:30:00 AM	599400.000	71.213	16.128	160.415
41748.781	50266.930	33.048	34.182	23.953
1.024				
3/22/2016 10:45:00 AM	600300.000	71.245	16.127	160.487
41812.203	50344.316	33.105	34.234	23.916
1.024				
3/22/2016 11:00:00 AM	601200.000	71.271	16.126	160.544
41804.793	50336.012	33.099	34.228	23.921
1.024				
3/22/2016 11:15:00 AM	602100.000	71.306	16.125	160.624
41768.539	50293.895	33.068	34.200	23.941
1.024				
3/22/2016 11:30:00 AM	603000.000	71.276	16.125	160.556
41772.277	50298.793	33.072	34.203	23.939
1.024				
3/22/2016 11:45:00 AM	603900.000	71.293	16.124	160.595
41762.801	50288.203	33.064	34.196	23.945
1.024				
3/22/2016 12:00:00 PM	604800.000	71.286	16.124	160.579
41746.805	50269.543	33.050	34.183	23.954
1.024				
3/22/2016 12:15:00 PM	605700.000	71.278	16.123	160.561
41761.844	50287.961	33.063	34.196	23.945
1.024				
3/22/2016 12:30:00 PM	606600.000	71.277	16.123	160.559
41824.508	50364.027	33.119	34.248	23.909
1.024				
3/22/2016 12:45:00 PM	607500.000	71.288	16.123	160.583
41769.445	50297.520	33.070	34.202	23.941
1.024				
3/22/2016 1:00:00 PM	608400.000	71.304	16.121	160.619
41783.930	50316.586	33.084	34.215	23.933
1.024				
3/22/2016 1:15:00 PM	609300.000	71.226	16.122	160.444
41777.516	50307.855	33.078	34.209	23.936
1.024				
3/22/2016 1:30:00 PM	610200.000	71.227	16.122	160.446
41753.824	50279.324	33.057	34.190	23.950
1.024				
3/22/2016 1:45:00 PM	611100.000	71.206	16.123	160.399
41744.855	50268.313	33.049	34.182	23.955
1.024				
3/22/2016 2:00:00 PM	612000.000	71.223	16.122	160.438
41761.383	50288.516	33.064	34.196	23.946
1.024				
3/22/2016 2:15:00 PM	612900.000	71.149	16.122	160.269
41756.496	50282.941	33.060	34.192	23.948
1.024				
3/22/2016 2:30:00 PM	613800.000	71.181	16.123	160.341
41765.383	50292.625	33.067	34.199	23.943
1.024				
3/22/2016 2:45:00 PM	614700.000	71.133	16.123	160.234
41789.324	50321.254	33.088	34.218	23.930

1.024				
3/22/2016 3:00:00 PM	615600.000	71.118	16.123	160.200
41749.719	50273.563	33.053	34.186	23.952
1.024				
3/22/2016 3:15:00 PM	616500.000	71.121	16.124	160.207
41776.297	50304.453	33.076	34.207	23.937
1.024				
3/22/2016 3:30:00 PM	617400.000	71.081	16.124	160.117
41767.949	50293.891	33.068	34.200	23.942
1.024				
3/22/2016 3:45:00 PM	618300.000	71.053	16.125	160.055
41776.816	50303.438	33.075	34.206	23.937
1.024				
3/22/2016 4:00:00 PM	619200.000	71.064	16.126	160.079
41791.977	50321.094	33.088	34.218	23.928
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3/22/2016 4:15:00 PM	620100.000	70.997	16.127	159.928
41768.293	50290.836	33.066	34.198	23.942
1.024				
3/22/2016 4:30:00 PM	621000.000	71.003	16.127	159.942
41783.699	50309.793	33.080	34.211	23.933
1.024				
3/22/2016 4:45:00 PM	621900.000	70.988	16.128	159.908
41730.395	50244.703	33.032	34.166	23.963
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3/22/2016 5:00:00 PM	622800.000	70.957	16.128	159.839
41731.770	50246.145	33.033	34.167	23.963
1.024				
3/22/2016 5:15:00 PM	623700.000	70.976	16.130	159.881
41792.629	50317.711	33.086	34.216	23.928
1.024				
3/22/2016 5:30:00 PM	624600.000	70.949	16.130	159.819
41830.359	50363.023	33.119	34.247	23.906
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3/22/2016 5:45:00 PM	625500.000	70.954	16.130	159.830
41781.758	50303.598	33.075	34.206	23.934
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3/22/2016 6:00:00 PM	626400.000	70.934	16.131	159.786
41814.230	50342.184	33.104	34.233	23.915
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41800.297	50324.895	33.091	34.221	23.923
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3/22/2016 6:30:00 PM	628200.000	70.946	16.132	159.812
41765.723	50282.457	33.060	34.192	23.943
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3/22/2016 6:45:00 PM	629100.000	70.937	16.133	159.792
41802.418	50325.922	33.092	34.222	23.922
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3/22/2016 7:00:00 PM	630000.000	70.922	16.134	159.759
41784.625	50303.273	33.075	34.206	23.932
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3/22/2016 7:15:00 PM	630900.000	70.939	16.134	159.796
41788.781	50308.391	33.079	34.210	23.930
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3/22/2016 7:30:00 PM	631800.000	70.936	16.134	159.790
41749.250	50260.492	33.044	34.177	23.953
1.024				

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41785.828	50304.410	33.076	34.207	23.932
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3/22/2016 8:00:00 PM	633600.000	70.964	16.135	159.854
41746.391	50256.230	33.041	34.174	23.954
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3/22/2016 8:15:00 PM	634500.000	70.971	16.134	159.869
41807.000	50329.391	33.095	34.224	23.919
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3/22/2016 8:30:00 PM	635400.000	70.996	16.134	159.926
41763.059	50276.699	33.056	34.188	23.945
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3/22/2016 8:45:00 PM	636300.000	71.002	16.134	159.940
41792.363	50312.492	33.082	34.212	23.928
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3/22/2016 9:00:00 PM	637200.000	71.015	16.134	159.968
41761.410	50275.441	33.055	34.187	23.946
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3/22/2016 9:15:00 PM	638100.000	71.006	16.133	159.948
41709.992	50213.938	33.010	34.145	23.975
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3/22/2016 9:30:00 PM	639000.000	71.058	16.134	160.065
41781.406	50299.602	33.073	34.204	23.934
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3/22/2016 9:45:00 PM	639900.000	71.077	16.133	160.107
41756.949	50270.871	33.052	34.184	23.948
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3/22/2016 10:00:00 PM	640800.000	71.073	16.132	160.100
41780.215	50300.109	33.073	34.204	23.935
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41775.359	50294.477	33.069	34.200	23.938
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41779.566	50300.242	33.073	34.204	23.935
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41774.531	50295.102	33.069	34.201	23.938
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41754.078	50271.082	33.052	34.184	23.950
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41752.664	50269.785	33.051	34.183	23.951
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41758.395	50277.402	33.056	34.189	23.947
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3/22/2016 11:45:00 PM	647100.000	71.176	16.128	160.331
41765.633	50286.918	33.063	34.195	23.943
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41801.840	50331.840	33.096	34.226	23.922
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3/23/2016 12:15:00 AM	648900.000	71.170	16.127	160.318
41738.844	50255.379	33.040	34.174	23.958
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3/23/2016 12:30:00 AM	649800.000	71.184	16.127	160.348

41762.012	50284.297	33.061	34.193	23.945
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41748.465	50267.988	33.049	34.182	23.953
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41745.809	50264.887	33.047	34.180	23.955
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3/23/2016 1:15:00 AM	652500.000	71.190	16.125	160.363
41760.422	50283.695	33.060	34.193	23.946
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41747.531	50267.980	33.049	34.182	23.954
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41724.402	50240.539	33.029	34.164	23.967
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41734.766	50252.504	33.038	34.172	23.961
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41796.395	50326.711	33.092	34.222	23.926
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41755.219	50277.133	33.056	34.188	23.949
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41777.000	50303.563	33.075	34.206	23.937
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41754.102	50274.566	33.054	34.187	23.950
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41775.906	50299.801	33.072	34.204	23.937
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41795.055	50322.449	33.089	34.219	23.926
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41760.516	50279.957	33.058	34.190	23.946
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41812.410	50342.320	33.104	34.233	23.916
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41741.047	50255.184	33.040	34.174	23.957
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41786.527	50309.340	33.080	34.210	23.931
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3/23/2016 5:15:00 AM	666900.000	70.927	16.132	159.770
41772.332	50290.211	33.066	34.197	23.939

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41787.430	50308.695	33.079	34.210	23.931
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41758.250	50272.746	33.053	34.185	23.947
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3/23/2016 6:00:00 AM	669600.000	70.903	16.133	159.715
41760.785	50275.086	33.055	34.187	23.946
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41762.059	50276.422	33.056	34.188	23.945
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41742.918	50252.355	33.038	34.172	23.956
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3/23/2016 6:45:00 AM	672300.000	70.856	16.135	159.611
41773.320	50287.738	33.064	34.196	23.939
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3/23/2016 7:00:00 AM	673200.000	70.863	16.136	159.627
41761.945	50273.223	33.054	34.186	23.945
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41823.504	50347.738	33.108	34.236	23.910
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41771.047	50284.289	33.062	34.193	23.940
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41792.754	50309.090	33.080	34.210	23.928
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41772.859	50285.141	33.062	34.194	23.939
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41731.086	50234.965	33.026	34.160	23.963
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41774.852	50287.961	33.064	34.196	23.938
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41799.988	50317.797	33.086	34.216	23.923
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41734.918	50239.273	33.029	34.163	23.961
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41766.715	50277.348	33.057	34.189	23.943
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41758.273	50267.887	33.050	34.182	23.947
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3/23/2016 9:45:00 AM	683100.000	70.973	16.137	159.874
41753.082	50261.332	33.045	34.178	23.950
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41787.988	50303.656	33.076	34.206	23.930
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41778.090	50292.457	33.068	34.199	23.936
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41766.117	50278.453	33.057	34.189	23.943
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41760.090	50271.699	33.052	34.185	23.946
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3/23/2016 11:00:00 AM	687600.000	71.034	16.134	160.011
41791.363	50310.676	33.081	34.211	23.928
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41782.582	50301.438	33.074	34.205	23.933
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41795.344	50316.496	33.085	34.215	23.926
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41765.883	50281.223	33.059	34.191	23.943
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41755.457	50268.977	33.050	34.183	23.949
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41748.102	50261.445	33.045	34.178	23.953
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41770.156	50287.699	33.064	34.196	23.941
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41765.301	50282.664	33.060	34.192	23.943
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41784.434	50305.699	33.077	34.208	23.932
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3/23/2016 1:15:00 PM	695700.000	71.070	16.131	160.091
41744.699	50257.957	33.042	34.175	23.955
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3/23/2016 1:30:00 PM	696600.000	71.078	16.131	160.111
41738.172	50250.406	33.036	34.170	23.959
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3/23/2016 1:45:00 PM	697500.000	71.043	16.131	160.031
41760.957	50278.352	33.057	34.189	23.946
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41752.754	50267.859	33.049	34.182	23.951
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41748.203	50262.691	33.045	34.179	23.953
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41788.293	50309.535	33.080	34.210	23.930
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41776.773	50295.453	33.070	34.201	23.937
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41734.184	50244.594	33.032	34.166	23.961
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41793.367	50315.332	33.084	34.214	23.927
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41787.863	50307.172	33.078	34.209	23.930
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41784.703	50304.188	33.076	34.207	23.932
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41775.953	50292.734	33.068	34.199	23.937
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41765.332	50278.723	33.058	34.190	23.943
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41796.090	50315.652	33.085	34.215	23.926
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41735.371	50241.941	33.031	34.165	23.960
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41725.441	50228.480	33.021	34.155	23.966
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41752.336	50260.035	33.044	34.177	23.951
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41787.336	50301.258	33.074	34.205	23.931
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41809.941	50328.469	33.094	34.223	23.918
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41764.230	50272.211	33.053	34.185	23.944
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41760.129	50266.367	33.049	34.181	23.946
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41854.383	50379.520	33.132	34.258	23.892
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41749.754	50253.355	33.039	34.172	23.952
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41774.281	50281.160	33.060	34.191	23.938
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41777.391	50284.809	33.063	34.194	23.936
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41799.250	50310.703	33.082	34.211	23.924
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3/23/2016 7:45:00 PM	719100.000	70.763	16.143	159.400
41779.789	50286.363	33.064	34.195	23.935

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3/23/2016 8:00:00 PM	720000.000	70.767	16.144	159.409
41788.859	50296.477	33.071	34.202	23.930
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41817.918	50331.547	33.097	34.225	23.913
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3/23/2016 8:30:00 PM	721800.000	70.781	16.144	159.441
41792.199	50300.594	33.074	34.204	23.928
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41785.051	50291.688	33.068	34.198	23.932
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3/23/2016 9:00:00 PM	723600.000	70.801	16.145	159.486
41751.543	50250.547	33.038	34.170	23.951
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41760.484	50261.000	33.045	34.177	23.946
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41743.070	50241.059	33.031	34.164	23.956
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41778.727	50284.176	33.062	34.193	23.936
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3/23/2016 10:00:00 PM	727200.000	70.860	16.144	159.620
41794.922	50303.465	33.076	34.206	23.926
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41783.980	50291.207	33.067	34.198	23.933
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41800.855	50311.926	33.082	34.212	23.923
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41765.535	50269.719	33.051	34.183	23.943
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3/23/2016 11:00:00 PM	730800.000	70.921	16.143	159.756
41789.641	50299.039	33.073	34.203	23.929
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3/23/2016 11:15:00 PM	731700.000	70.932	16.143	159.782
41789.457	50298.816	33.073	34.203	23.929
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3/23/2016 11:30:00 PM	732600.000	70.946	16.142	159.812
41747.930	50249.348	33.036	34.170	23.953
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3/23/2016 11:45:00 PM	733500.000	70.955	16.141	159.833
41764.211	50270.055	33.052	34.184	23.944
1.024				



Report Date: 3/28/2016 2:45:08 PM  
Report User Name: KMakar  
Report Computer Name: WKST46  
Application: WinSitu.exe  
Application Version: 5.6.25.0

#### Log File Properties:

File Name: MPWSP MW-1S LT Test\_2016-03-24\_12-18-20-282.wsl  
Create Date: 3/24/2016 12:18:18 PM

#### Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-1S  
Device Name:  
Serial Number: 421436  
Firmware Version: 2.00  
Hardware Version: 3  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 0  
Used Battery(%): 1

#### Log Configuration

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

#### Level Reference Settings At Log Creation

Level Measurement Mode: Depth  
Specific Gravity: 1.024

#### Other Log Settings

Depth of Probe: -0.0405503 (ft)  
Head Pressure: -0.0180016 (PSI)  
Temperature: 22.3238 (C)

#### Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

Date and Time	Note
10/27/2015 10:02:43 AM	Used Battery: 1% Used Memory: 3% User Name: nreynolds
10/27/2015 11:43:58 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: nreynolds
10/29/2015 2:42:47 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
11/5/2015 1:40:01 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 10/27/2015 10:45:00 AM Stop Time: 11/5/2015 1:40:00 PM
11/12/2015 9:38:27 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: CShaw
11/19/2015 2:51:59 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 2:50:00 PM
11/29/2015 9:11:53 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 10:00:00 AM
12/3/2015 10:41:36 AM	Log Download - Used Battery: 3% Used Memory: 6% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 10:30:00 AM
12/10/2015 8:55:03 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: CShaw Interval - Start Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 8:45:00 AM
12/17/2015 11:08:11 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:00:00 AM
1/3/2016 9:58:57 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 10:45:00 AM
1/7/2016 10:10:38 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:00:00 AM
1/14/2016 8:23:59 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:15:00 AM
1/21/2016 11:41:44 AM	Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:30:00 AM
1/28/2016 1:45:04 PM	Log Download - Used Battery: 6% Used Memory: 12% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:30:00 PM
2/4/2016 9:17:52 AM	Log Download - Used Battery: 7% Used Memory: 14% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:15:00 AM
2/11/2016 9:09:41 AM	Log Download - Used Battery: 7% Used Memory: 14% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:00:00 AM
2/18/2016 8:57:42 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: CShaw Interval - Start Time: 2/4/2016 5:30:00 PM Stop Time: 2/18/2016 9:45:00 AM
2/25/2016 11:53:54 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:45:00 AM
3/3/2016 8:50:41 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 9:00:00 AM
3/10/2016 8:32:37 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:30:00 AM
3/17/2016 5:50:14 PM	Log Download - Used Battery: 9% Used Memory: 18% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:45:00 PM
3/24/2016 12:17:20 PM	Log Download - Used Battery: 9% Used Memory: 20% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 12:15:00 PM

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Log Data:

Record Count: 865

Sensors: 1

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

Time Zone: Pacific Daylight Time

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	
421436	SN#: 421436	SN#: 421436	SN#: 421436	SN#: 421436	SN#: 421436
421436	SN#: 421436	SN#: 421436	SN#: 421436	SN#: 421436	SN#: 421436
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	
Actual Conductivity (μS)	Specific Conductivity (μS)	Salinity (PSU)	Total Dissolved Solids (ppm)		
Resistivity (ohm-cm)	Water Density (g/cm3)				
3/17/2016 12:00:00 AM	129600.000	23.542	13.948	53.030	
39804.988	50456.051	33.013	34310.117	25.122	
1.025					
3/17/2016 12:15:00 AM	130500.000	23.537	13.937	53.020	
39788.723	50448.488	33.007	34304.973	25.133	
1.025					
3/17/2016 12:30:00 AM	131400.000	23.532	13.923	53.008	
39772.641	50444.957	33.003	34302.570	25.143	
1.025					
3/17/2016 12:45:00 AM	132300.000	23.523	13.910	52.989	
39781.328	50472.434	33.022	34321.254	25.137	
1.025					
3/17/2016 1:00:00 AM	133200.000	23.523	13.902	52.989	
39740.785	50430.887	32.991	34293.008	25.163	
1.025					
3/17/2016 1:15:00 AM	134100.000	23.512	13.897	52.964	
39778.539	50485.238	33.030	34329.965	25.139	
1.025					
3/17/2016 1:30:00 AM	135000.000	23.510	13.887	52.959	
39743.578	50452.523	33.005	34307.715	25.161	
1.025					
3/17/2016 1:45:00 AM	135900.000	23.506	13.886	52.949	
39744.961	50455.254	33.007	34309.574	25.160	
1.025					
3/17/2016 2:00:00 AM	136800.000	23.500	13.878	52.935	
39743.516	50463.777	33.012	34315.367	25.161	
1.025					
3/17/2016 2:15:00 AM	137700.000	23.501	13.876	52.938	
39748.934	50472.617	33.019	34321.379	25.158	
1.025					
3/17/2016 2:30:00 AM	138600.000	23.500	13.876	52.936	
39757.988	50484.004	33.027	34329.125	25.152	
1.025					
3/17/2016 2:45:00 AM	139500.000	23.501	13.883	52.938	
39744.809	50459.207	33.010	34312.262	25.161	
1.025					
3/17/2016 3:00:00 AM	140400.000	23.499	13.885	52.934	
39751.090	50465.000	33.014	34316.199	25.157	
1.025					
3/17/2016 3:15:00 AM	141300.000	23.504	13.904	52.945	
39776.168	50472.949	33.021	34321.605	25.141	
1.025					
3/17/2016 3:30:00 AM	142200.000	23.500	13.904	52.936	
39785.203	50484.875	33.030	34329.715	25.135	

1.025				
3/17/2016 3:45:00 AM	143100.000	23.504	13.926	52.945
39826.688	50510.785	33.051	34347.336	25.109
1.025				
3/17/2016 4:00:00 AM	144000.000	23.515	13.945	52.971
39836.645	50499.770	33.045	34339.844	25.103
1.025				
3/17/2016 4:15:00 AM	144900.000	23.519	13.960	52.979
39799.293	50434.262	32.998	34295.301	25.126
1.025				
3/17/2016 4:30:00 AM	145800.000	23.521	13.980	52.983
39815.184	50429.180	32.996	34291.848	25.116
1.025				
3/17/2016 4:45:00 AM	146700.000	23.537	13.997	53.019
39862.207	50468.301	33.026	34318.445	25.086
1.025				
3/17/2016 5:00:00 AM	147600.000	23.540	14.002	53.026
39842.621	50438.082	33.005	34297.898	25.099
1.025				
3/17/2016 5:15:00 AM	148500.000	23.546	14.021	53.039
39849.305	50423.418	32.996	34287.926	25.095
1.025				
3/17/2016 5:30:00 AM	149400.000	23.556	14.042	53.062
39876.500	50431.586	33.003	34293.484	25.077
1.025				
3/17/2016 5:45:00 AM	150300.000	23.562	14.071	53.075
39941.574	50478.184	33.040	34325.164	25.037
1.025				
3/17/2016 6:00:00 AM	151200.000	23.574	14.075	53.103
39899.891	50421.063	32.999	34286.328	25.063
1.025				
3/17/2016 6:15:00 AM	152100.000	23.580	14.106	53.117
39967.457	50469.367	33.037	34319.172	25.020
1.025				
3/17/2016 6:30:00 AM	153000.000	23.588	14.117	53.135
39950.715	50434.383	33.012	34295.379	25.031
1.025				
3/17/2016 6:45:00 AM	153900.000	23.597	14.127	53.154
39958.609	50431.910	33.011	34293.703	25.026
1.025				
3/17/2016 7:00:00 AM	154800.000	23.600	14.150	53.162
39991.469	50445.160	33.023	34302.711	25.005
1.025				
3/17/2016 7:15:00 AM	155700.000	23.604	14.163	53.170
40001.883	50443.480	33.023	34301.566	24.999
1.025				
3/17/2016 7:30:00 AM	156600.000	23.608	14.171	53.179
40012.813	50446.457	33.026	34303.594	24.992
1.025				
3/17/2016 7:45:00 AM	157500.000	23.617	14.186	53.201
40057.352	50485.430	33.055	34330.098	24.964
1.025				
3/17/2016 8:00:00 AM	158400.000	23.620	14.206	53.207
40066.141	50472.191	33.047	34321.090	24.959
1.025				
3/17/2016 8:15:00 AM	159300.000	23.618	14.201	53.201
39990.141	50382.059	32.981	34259.805	25.006

1.025				
3/17/2016 8:30:00 AM	160200.000	23.624	14.187	53.216
40038.141	50459.590	33.036	34312.523	24.976
1.025				
3/17/2016 8:45:00 AM	161100.000	23.620	14.195	53.207
40050.801	50465.609	33.042	34316.617	24.968
1.025				
3/17/2016 9:00:00 AM	162000.000	23.620	14.157	53.206
39988.102	50432.258	33.014	34293.938	25.007
1.025				
3/17/2016 9:15:00 AM	162900.000	23.620	14.139	53.206
39998.758	50468.309	33.039	34318.449	25.001
1.025				
3/17/2016 9:30:00 AM	163800.000	23.616	14.119	53.197
39969.078	50454.859	33.027	34309.309	25.019
1.025				
3/17/2016 9:45:00 AM	164700.000	23.614	14.087	53.193
39996.836	50529.355	33.079	34359.961	25.002
1.025				
3/17/2016 10:00:00 AM	165600.000	23.605	14.030	53.172
39880.980	50451.676	33.017	34307.141	25.075
1.025				
3/17/2016 10:15:00 AM	166500.000	23.601	14.005	53.163
39876.441	50476.762	33.033	34324.199	25.077
1.025				
3/17/2016 10:30:00 AM	167400.000	23.590	13.970	53.138
39845.191	50479.367	33.032	34325.969	25.097
1.025				
3/17/2016 10:45:00 AM	168300.000	23.581	13.935	53.119
39800.180	50465.082	33.018	34316.262	25.126
1.025				
3/17/2016 11:00:00 AM	169200.000	23.564	13.918	53.079
39797.012	50482.422	33.030	34328.047	25.128
1.025				
3/17/2016 11:15:00 AM	170100.000	23.552	13.894	53.054
39797.750	50513.105	33.050	34348.910	25.127
1.025				
3/17/2016 11:30:00 AM	171000.000	23.538	13.865	53.021
39780.258	50526.375	33.057	34357.938	25.138
1.025				
3/17/2016 11:45:00 AM	171900.000	23.517	13.856	52.975
39752.422	50502.043	33.038	34341.391	25.156
1.025				
3/17/2016 12:00:00 PM	172800.000	23.513	13.835	52.965
39761.344	50538.402	33.063	34366.117	25.150
1.025				
3/17/2016 12:15:00 PM	173700.000	23.494	13.841	52.922
39700.363	50453.574	33.002	34308.430	25.189
1.025				
3/17/2016 12:30:00 PM	174600.000	23.481	13.828	52.892
39755.406	50539.824	33.063	34367.086	25.154
1.025				
3/17/2016 12:45:00 PM	175500.000	23.470	13.815	52.869
39675.980	50454.801	33.000	34309.270	25.204
1.025				
3/17/2016 1:00:00 PM	176400.000	23.457	13.815	52.839
39703.277	50489.176	33.025	34332.641	25.187

1.025				
3/17/2016 1:15:00 PM	177300.000	23.441	13.803	52.804
39714.113	50518.605	33.046	34352.652	25.180
1.025				
3/17/2016 1:30:00 PM	178200.000	23.438	13.788	52.796
39663.930	50472.152	33.011	34321.063	25.212
1.025				
3/17/2016 1:45:00 PM	179100.000	23.425	13.777	52.766
39669.566	50493.547	33.025	34335.613	25.208
1.025				
3/17/2016 2:00:00 PM	180000.000	23.416	13.777	52.747
39747.129	50592.160	33.097	34402.668	25.159
1.025				
3/17/2016 2:15:00 PM	180900.000	23.408	13.773	52.728
39699.402	50536.551	33.056	34364.855	25.189
1.025				
3/17/2016 2:30:00 PM	181800.000	23.400	13.766	52.711
39632.840	50459.473	32.999	34312.441	25.232
1.025				
3/17/2016 2:45:00 PM	182700.000	23.381	13.762	52.667
39608.066	50433.742	32.980	34294.949	25.247
1.025				
3/17/2016 3:00:00 PM	183600.000	23.379	13.759	52.663
39659.742	50502.813	33.030	34341.914	25.214
1.025				
3/17/2016 3:15:00 PM	184500.000	23.372	13.757	52.648
39647.188	50489.129	33.020	34332.609	25.222
1.025				
3/17/2016 3:30:00 PM	185400.000	23.359	13.752	52.618
39624.770	50466.828	33.003	34317.449	25.237
1.025				
3/17/2016 3:45:00 PM	186300.000	23.351	13.773	52.601
39684.492	50517.785	33.042	34352.098	25.199
1.025				
3/17/2016 4:00:00 PM	187200.000	23.338	13.759	52.571
39629.055	50463.539	33.002	34315.207	25.234
1.025				
3/17/2016 4:15:00 PM	188100.000	23.341	13.770	52.578
39682.734	50518.191	33.042	34352.371	25.200
1.025				
3/17/2016 4:30:00 PM	189000.000	23.334	13.763	52.562
39649.898	50485.246	33.018	34329.973	25.221
1.025				
3/17/2016 4:45:00 PM	189900.000	23.324	13.775	52.540
39675.691	50503.313	33.032	34342.254	25.204
1.025				
3/17/2016 5:00:00 PM	190800.000	23.325	13.776	52.541
39724.016	50564.055	33.076	34383.559	25.174
1.025				
3/17/2016 5:15:00 PM	191700.000	23.318	13.786	52.525
39660.715	50470.785	33.009	34320.133	25.214
1.025				
3/17/2016 5:30:00 PM	192600.000	23.321	13.785	52.534
39706.121	50530.219	33.053	34360.555	25.185
1.025				
3/17/2016 5:45:00 PM	193500.000	23.314	13.798	52.518
39694.605	50499.574	33.031	34339.715	25.192

1.025				
3/17/2016 6:00:00 PM	194400.000	23.308	13.801	52.504
39705.867	50509.746	33.039	34346.629	25.185
1.025				
3/17/2016 6:15:00 PM	195300.000	23.311	13.808	52.510
39693.703	50485.426	33.022	34330.090	25.193
1.025				
3/17/2016 6:30:00 PM	196200.000	23.314	13.833	52.517
39657.613	50409.488	32.969	34278.453	25.216
1.025				
3/17/2016 6:45:00 PM	197100.000	23.316	13.846	52.521
39675.941	50416.547	32.975	34283.258	25.204
1.025				
3/17/2016 7:00:00 PM	198000.000	23.321	13.862	52.533
39772.531	50520.371	33.052	34353.852	25.143
1.025				
3/17/2016 7:15:00 PM	198900.000	23.324	13.895	52.539
39747.797	50448.293	33.003	34304.840	25.159
1.025				
3/17/2016 7:30:00 PM	199800.000	23.328	13.893	52.548
39762.367	50468.523	33.017	34318.602	25.149
1.025				
3/17/2016 7:45:00 PM	200700.000	23.327	13.905	52.547
39753.477	50442.961	33.000	34301.215	25.155
1.025				
3/17/2016 8:00:00 PM	201600.000	23.335	13.915	52.565
39814.637	50507.930	33.048	34345.395	25.116
1.025				
3/17/2016 8:15:00 PM	202500.000	23.336	13.943	52.567
39865.922	50539.387	33.073	34366.785	25.084
1.025				
3/17/2016 8:30:00 PM	203400.000	23.341	13.960	52.577
39865.488	50517.820	33.059	34352.121	25.084
1.025				
3/17/2016 8:45:00 PM	204300.000	23.348	13.975	52.593
39821.762	50444.578	33.007	34302.316	25.112
1.025				
3/17/2016 9:00:00 PM	205200.000	23.350	13.979	52.599
39853.871	50479.375	33.033	34325.977	25.092
1.025				
3/17/2016 9:15:00 PM	206100.000	23.353	13.999	52.605
39862.563	50466.586	33.025	34317.281	25.086
1.025				
3/17/2016 9:30:00 PM	207000.000	23.357	14.011	52.614
39900.938	50500.156	33.051	34340.105	25.062
1.025				
3/17/2016 9:45:00 PM	207900.000	23.364	14.013	52.630
39947.020	50556.535	33.092	34378.449	25.033
1.025				
3/17/2016 10:00:00 PM	208800.000	23.364	14.030	52.630
39892.203	50465.762	33.027	34316.719	25.068
1.025				
3/17/2016 10:15:00 PM	209700.000	23.365	14.032	52.631
39927.449	50508.945	33.059	34346.086	25.045
1.025				
3/17/2016 10:30:00 PM	210600.000	23.367	14.024	52.636
39921.098	50510.246	33.059	34346.969	25.049

1.025				
3/17/2016 10:45:00 PM	211500.000	23.367	14.025	52.636
39916.234	50502.137	33.053	34341.453	25.052
1.025				
3/17/2016 11:00:00 PM	212400.000	23.363	14.006	52.626
39909.207	50517.473	33.063	34351.883	25.057
1.025				
3/17/2016 11:15:00 PM	213300.000	23.361	13.992	52.624
39922.824	50551.805	33.087	34375.230	25.048
1.025				
3/17/2016 11:30:00 PM	214200.000	23.360	13.973	52.620
39864.945	50500.801	33.048	34340.547	25.085
1.025				
3/17/2016 11:45:00 PM	215100.000	23.354	13.971	52.608
39815.266	50441.016	33.004	34299.891	25.116
1.025				
3/18/2016 12:00:00 AM	216000.000	23.348	13.952	52.593
39862.289	50523.887	33.063	34356.242	25.086
1.025				
3/18/2016 12:15:00 AM	216900.000	23.343	13.927	52.581
39836.730	50521.660	33.059	34354.734	25.102
1.025				
3/18/2016 12:30:00 AM	217800.000	23.338	13.922	52.570
39847.820	50541.523	33.073	34368.238	25.095
1.025				
3/18/2016 12:45:00 AM	218700.000	23.327	13.906	52.547
39763.457	50454.973	33.008	34309.383	25.149
1.025				
3/18/2016 1:00:00 AM	219600.000	23.328	13.895	52.549
39747.914	50448.332	33.003	34304.871	25.159
1.025				
3/18/2016 1:15:00 AM	220500.000	23.319	13.892	52.529
39803.508	50521.934	33.056	34354.914	25.123
1.025				
3/18/2016 1:30:00 AM	221400.000	23.310	13.882	52.509
39778.773	50503.637	33.042	34342.477	25.139
1.025				
3/18/2016 1:45:00 AM	222300.000	23.309	13.867	52.505
39746.523	50481.016	33.024	34327.090	25.159
1.025				
3/18/2016 2:00:00 AM	223200.000	23.299	13.864	52.483
39723.434	50455.184	33.005	34309.523	25.174
1.025				
3/18/2016 2:15:00 AM	224100.000	23.295	13.865	52.474
39717.125	50445.535	32.998	34302.969	25.178
1.025				
3/18/2016 2:30:00 AM	225000.000	23.293	13.860	52.469
39691.387	50419.277	32.978	34285.109	25.194
1.025				
3/18/2016 2:45:00 AM	225900.000	23.287	13.853	52.457
39743.430	50493.672	33.032	34335.695	25.161
1.025				
3/18/2016 3:00:00 AM	226800.000	23.288	13.846	52.458
39759.273	50522.652	33.053	34355.402	25.151
1.025				
3/18/2016 3:15:00 AM	227700.000	23.284	13.841	52.449
39678.801	50426.605	32.982	34290.098	25.202



1.025				
3/18/2016 3:30:00 AM	228600.000	23.278	13.840	52.437
39709.590	50466.500	33.011	34317.219	25.183
1.025				
3/18/2016 3:45:00 AM	229500.000	23.275	13.847	52.429
39734.168	50489.766	33.029	34333.043	25.167
1.025				
3/18/2016 4:00:00 AM	230400.000	23.276	13.845	52.431
39786.762	50559.004	33.079	34380.125	25.134
1.025				
3/18/2016 4:15:00 AM	231300.000	23.278	13.847	52.435
39732.598	50487.875	33.027	34331.758	25.168
1.025				
3/18/2016 4:30:00 AM	232200.000	23.274	13.860	52.428
39753.445	50498.109	33.036	34338.715	25.155
1.025				
3/18/2016 4:45:00 AM	233100.000	23.274	13.868	52.428
39796.684	50543.742	33.070	34369.746	25.128
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3/18/2016 5:00:00 AM	234000.000	23.273	13.867	52.425
39719.629	50447.074	32.999	34304.012	25.176
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3/18/2016 5:15:00 AM	234900.000	23.278	13.884	52.437
39749.020	50463.250	33.013	34315.016	25.158
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3/18/2016 5:30:00 AM	235800.000	23.283	13.893	52.447
39762.691	50469.047	33.018	34318.953	25.149
1.025				
3/18/2016 5:45:00 AM	236700.000	23.280	13.929	52.440
39831.824	50513.480	33.053	34349.172	25.106
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3/18/2016 6:00:00 AM	237600.000	23.284	13.933	52.449
39839.129	50517.078	33.056	34351.617	25.101
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3/18/2016 6:15:00 AM	238500.000	23.290	13.957	52.462
39801.695	50440.680	33.003	34299.668	25.125
1.025				
3/18/2016 6:30:00 AM	239400.000	23.296	13.971	52.476
39798.098	50418.621	32.988	34284.664	25.127
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3/18/2016 6:45:00 AM	240300.000	23.299	13.985	52.483
39875.566	50499.664	33.048	34339.773	25.078
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3/18/2016 7:00:00 AM	241200.000	23.306	13.997	52.498
39871.883	50480.980	33.035	34327.066	25.080
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3/18/2016 7:15:00 AM	242100.000	23.314	14.010	52.517
39853.301	50441.059	33.008	34299.922	25.092
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3/18/2016 7:30:00 AM	243000.000	23.315	14.017	52.519
39884.211	50472.473	33.031	34321.281	25.073
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3/18/2016 7:45:00 AM	243900.000	23.318	14.049	52.526
39866.875	50411.176	32.989	34279.602	25.083
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3/18/2016 8:00:00 AM	244800.000	23.326	14.038	52.544
39893.500	50457.969	33.022	34311.422	25.067

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3/18/2016 8:15:00 AM	245700.000	23.327	14.058	52.545
39921.172	50468.766	33.032	34318.766	25.049
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3/18/2016 8:30:00 AM	246600.000	23.336	14.068	52.567
39911.969	50444.984	33.015	34302.594	25.055
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3/18/2016 8:45:00 AM	247500.000	23.328	14.078	52.550
39890.859	50405.543	32.988	34275.773	25.068
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3/18/2016 9:00:00 AM	248400.000	23.335	14.078	52.564
39930.086	50455.109	33.024	34309.480	25.044
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3/18/2016 9:15:00 AM	249300.000	23.338	14.063	52.572
39944.563	50492.371	33.050	34334.816	25.035
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3/18/2016 9:30:00 AM	250200.000	23.339	14.064	52.572
39909.445	50446.785	33.016	34303.813	25.057
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3/18/2016 9:45:00 AM	251100.000	23.336	14.058	52.567
39872.012	50406.617	32.987	34276.500	25.080
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3/18/2016 10:00:00 AM	252000.000	23.330	14.041	52.554
39944.512	50519.547	33.067	34353.293	25.035
1.025				
3/18/2016 10:15:00 AM	252900.000	23.327	14.029	52.547
39820.789	50376.820	32.962	34256.242	25.113
1.025				
3/18/2016 10:30:00 AM	253800.000	23.320	14.019	52.530
39892.305	50479.242	33.036	34325.891	25.067
1.025				
3/18/2016 10:45:00 AM	254700.000	23.308	13.979	52.503
39813.008	50428.809	32.996	34291.590	25.117
1.025				
3/18/2016 11:00:00 AM	255600.000	23.302	13.972	52.491
39800.105	50420.191	32.989	34285.730	25.126
1.025				
3/18/2016 11:15:00 AM	256500.000	23.296	13.940	52.476
39799.598	50458.680	33.014	34311.906	25.126
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3/18/2016 11:30:00 AM	257400.000	23.284	13.929	52.449
39837.793	50520.934	33.059	34354.238	25.102
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3/18/2016 11:45:00 AM	258300.000	23.275	13.915	52.429
39788.848	50475.859	33.025	34323.590	25.133
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3/18/2016 12:00:00 PM	259200.000	23.259	13.904	52.394
39775.855	50472.238	33.021	34321.121	25.141
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3/18/2016 12:15:00 PM	260100.000	23.254	13.890	52.381
39744.059	50449.750	33.003	34305.832	25.161
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3/18/2016 12:30:00 PM	261000.000	23.243	13.877	52.357
39719.555	50434.328	32.991	34295.344	25.177
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3/18/2016 12:45:00 PM	261900.000	23.236	13.860	52.342
39726.652	50464.617	33.011	34315.945	25.172

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3/18/2016 1:00:00 PM	262800.000	23.218	13.844	52.302
39674.938	50418.547	32.976	34284.613	25.205
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3/18/2016 1:15:00 PM	263700.000	23.218	13.833	52.300
39737.445	50510.328	33.042	34347.027	25.165
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3/18/2016 1:30:00 PM	264600.000	23.209	13.821	52.281
39685.078	50459.586	33.004	34312.523	25.198
1.025				
3/18/2016 1:45:00 PM	265500.000	23.197	13.816	52.254
39704.754	50490.180	33.026	34333.324	25.186
1.025				
3/18/2016 2:00:00 PM	266400.000	23.193	13.817	52.244
39639.883	50406.484	32.965	34276.414	25.227
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3/18/2016 2:15:00 PM	267300.000	23.178	13.809	52.210
39594.551	50359.207	32.930	34244.262	25.256
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3/18/2016 2:30:00 PM	268200.000	23.171	13.791	52.194
39672.402	50479.320	33.016	34325.938	25.206
1.025				
3/18/2016 2:45:00 PM	269100.000	23.162	13.795	52.175
39629.395	50420.445	32.973	34285.902	25.234
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3/18/2016 3:00:00 PM	270000.000	23.154	13.787	52.156
39630.375	50430.758	32.980	34292.914	25.233
1.025				
3/18/2016 3:15:00 PM	270900.000	23.143	13.784	52.131
39643.090	50450.965	32.995	34306.660	25.225
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3/18/2016 3:30:00 PM	271800.000	23.132	13.799	52.106
39656.871	50450.148	32.995	34306.102	25.216
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3/18/2016 3:45:00 PM	272700.000	23.123	13.791	52.088
39652.707	50454.914	32.998	34309.344	25.219
1.025				
3/18/2016 4:00:00 PM	273600.000	23.119	13.792	52.078
39631.719	50426.125	32.977	34289.770	25.232
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3/18/2016 4:15:00 PM	274500.000	23.105	13.787	52.047
39628.883	50428.633	32.979	34291.469	25.234
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3/18/2016 4:30:00 PM	275400.000	23.102	13.786	52.041
39586.016	50376.063	32.940	34255.727	25.261
1.025				
3/18/2016 4:45:00 PM	276300.000	23.095	13.784	52.024
39655.965	50467.258	33.007	34317.738	25.217
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3/18/2016 5:00:00 PM	277200.000	23.088	13.788	52.008
39601.125	50392.348	32.952	34266.801	25.252
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3/18/2016 5:15:00 PM	278100.000	23.080	13.788	51.990
39641.754	50444.793	32.991	34302.465	25.226
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3/18/2016 5:30:00 PM	279000.000	23.075	13.795	51.978
39615.148	50402.207	32.960	34273.504	25.243

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3/18/2016 5:45:00 PM	279900.000	23.073	13.797	51.975
39695.832	50502.566	33.033	34341.746	25.192
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3/18/2016 6:00:00 PM	280800.000	23.065	13.799	51.957
39651.164	50442.355	32.990	34300.805	25.220
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3/18/2016 6:15:00 PM	281700.000	23.065	13.810	51.957
39650.094	50427.871	32.980	34290.953	25.221
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3/18/2016 6:30:00 PM	282600.000	23.059	13.805	51.944
39634.727	50414.023	32.970	34281.535	25.230
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3/18/2016 6:45:00 PM	283500.000	23.059	13.812	51.943
39711.391	50504.094	33.036	34342.785	25.182
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3/18/2016 7:00:00 PM	284400.000	23.055	13.822	51.935
39666.891	50435.043	32.986	34295.828	25.210
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3/18/2016 7:15:00 PM	285300.000	23.062	13.841	51.950
39678.945	50427.234	32.982	34290.520	25.202
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3/18/2016 7:30:00 PM	286200.000	23.063	13.844	51.951
39672.570	50414.551	32.974	34281.895	25.206
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3/18/2016 7:45:00 PM	287100.000	23.066	13.855	51.957
39682.070	50413.766	32.974	34281.359	25.200
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3/18/2016 8:00:00 PM	288000.000	23.060	13.862	51.946
39705.055	50433.688	32.989	34294.906	25.186
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3/18/2016 8:15:00 PM	288900.000	23.063	13.882	51.951
39718.695	50427.359	32.986	34290.609	25.177
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3/18/2016 8:30:00 PM	289800.000	23.066	13.895	51.959
39736.809	50433.684	32.992	34294.906	25.166
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3/18/2016 8:45:00 PM	290700.000	23.071	13.903	51.969
39718.457	50401.359	32.969	34272.926	25.177
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3/18/2016 9:00:00 PM	291600.000	23.072	13.929	51.972
39763.223	50426.281	32.990	34289.871	25.149
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3/18/2016 9:15:00 PM	292500.000	23.073	13.952	51.973
39735.586	50362.645	32.945	34246.602	25.166
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3/18/2016 9:30:00 PM	293400.000	23.077	13.964	51.982
39825.617	50462.840	33.019	34314.730	25.109
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3/18/2016 9:45:00 PM	294300.000	23.083	13.975	51.996
39782.578	50393.977	32.970	34267.906	25.137
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3/18/2016 10:00:00 PM	295200.000	23.085	13.987	52.002
39824.113	50432.355	32.999	34294.008	25.110
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3/18/2016 10:15:00 PM	296100.000	23.085	13.984	52.002
39797.105	50402.379	32.977	34273.621	25.127

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3/18/2016 10:30:00 PM	297000.000	23.089	13.999	52.010
39819.059	50411.945	32.985	34280.129	25.114
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3/18/2016 10:45:00 PM	297900.000	23.095	14.026	52.024
39808.016	50365.109	32.953	34248.277	25.121
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3/18/2016 11:00:00 PM	298800.000	23.096	14.014	52.027
39823.828	50398.773	32.977	34271.168	25.111
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3/18/2016 11:15:00 PM	299700.000	23.098	14.022	52.030
39810.727	50372.445	32.959	34253.262	25.119
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3/18/2016 11:30:00 PM	300600.000	23.097	14.017	52.027
39865.949	50449.039	33.014	34305.348	25.084
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3/18/2016 11:45:00 PM	301500.000	23.096	14.018	52.026
39839.945	50414.176	32.989	34281.645	25.100
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3/19/2016 12:00:00 AM	302400.000	23.098	14.021	52.030
39802.676	50363.887	32.952	34247.445	25.124
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3/19/2016 12:15:00 AM	303300.000	23.093	14.018	52.020
39833.652	50406.215	32.983	34276.230	25.104
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3/19/2016 12:30:00 AM	304200.000	23.091	14.013	52.015
39803.719	50375.273	32.960	34255.188	25.123
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3/19/2016 12:45:00 AM	305100.000	23.085	14.007	52.002
39841.031	50429.777	32.999	34292.250	25.100
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3/19/2016 1:00:00 AM	306000.000	23.088	13.998	52.008
39834.750	50433.004	33.001	34294.441	25.104
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3/19/2016 1:15:00 AM	306900.000	23.081	13.983	51.993
39797.320	50402.973	32.977	34274.023	25.127
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3/19/2016 1:30:00 AM	307800.000	23.079	13.969	51.988
39719.199	50321.273	32.917	34218.469	25.177
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3/19/2016 1:45:00 AM	308700.000	23.073	13.965	51.974
39782.945	50407.348	32.979	34276.996	25.136
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39821.832	50463.039	33.019	34314.867	25.112
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3/19/2016 2:15:00 AM	310500.000	23.069	13.950	51.964
39744.230	50375.984	32.955	34255.668	25.161
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3/19/2016 2:30:00 AM	311400.000	23.055	13.938	51.934
39738.660	50384.035	32.960	34261.148	25.164
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3/19/2016 2:45:00 AM	312300.000	23.055	13.942	51.934
39761.797	50408.688	32.978	34277.910	25.150
1.025				
3/19/2016 3:00:00 AM	313200.000	23.059	13.927	51.942
39710.031	50361.434	32.942	34245.773	25.183

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3/19/2016 3:15:00 AM	314100.000	23.052	13.928	51.926
39740.348	50398.664	32.969	34271.094	25.163
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3/19/2016 3:30:00 AM	315000.000	23.052	13.927	51.928
39716.031	50368.375	32.947	34250.496	25.179
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3/19/2016 3:45:00 AM	315900.000	23.052	13.928	51.928
39726.223	50379.895	32.956	34258.332	25.172
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3/19/2016 4:00:00 AM	316800.000	23.051	13.932	51.924
39728.559	50378.398	32.955	34257.313	25.171
1.025				
3/19/2016 4:15:00 AM	317700.000	23.053	13.939	51.929
39748.020	50395.242	32.968	34268.770	25.158
1.025				
3/19/2016 4:30:00 AM	318600.000	23.050	13.951	51.923
39741.516	50371.895	32.952	34252.887	25.163
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3/19/2016 4:45:00 AM	319500.000	23.066	13.963	51.959
39732.289	50345.215	32.933	34234.750	25.168
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3/19/2016 5:00:00 AM	320400.000	23.063	13.977	51.951
39772.844	50380.121	32.960	34258.488	25.143
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3/19/2016 5:15:00 AM	321300.000	23.072	14.003	51.972
39801.023	50383.785	32.965	34260.977	25.125
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3/19/2016 5:30:00 AM	322200.000	23.080	14.021	51.991
39820.168	50385.582	32.968	34262.195	25.113
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3/19/2016 5:45:00 AM	323100.000	23.091	14.040	52.015
39805.895	50344.336	32.940	34234.148	25.122
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3/19/2016 6:00:00 AM	324000.000	23.095	14.061	52.024
39834.383	50355.582	32.950	34241.797	25.104
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3/19/2016 6:15:00 AM	324900.000	23.110	14.095	52.058
39849.285	50333.016	32.936	34226.453	25.095
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3/19/2016 6:30:00 AM	325800.000	23.121	14.129	52.082
39884.785	50336.898	32.942	34229.090	25.072
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3/19/2016 6:45:00 AM	326700.000	23.132	14.140	52.107
39913.891	50360.023	32.960	34244.820	25.054
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3/19/2016 7:00:00 AM	327600.000	23.145	14.187	52.137
39949.566	50347.441	32.955	34236.262	25.032
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3/19/2016 7:15:00 AM	328500.000	23.163	14.218	52.176
40018.621	50397.031	32.993	34269.980	24.988
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3/19/2016 7:30:00 AM	329400.000	23.172	14.262	52.196
40030.953	50359.375	32.970	34244.379	24.981
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3/19/2016 7:45:00 AM	330300.000	23.185	14.320	52.226
40124.766	50407.531	33.010	34277.121	24.922

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3/19/2016 8:00:00 AM	331200.000	23.209	14.357	52.281
40151.906	50396.840	33.005	34269.852	24.905
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3/19/2016 8:15:00 AM	332100.000	23.224	14.393	52.313
40146.102	50345.813	32.971	34235.152	24.909
1.025				
3/19/2016 8:30:00 AM	333000.000	23.235	14.429	52.339
40177.074	50341.090	32.971	34231.941	24.890
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3/19/2016 8:45:00 AM	333900.000	23.250	14.457	52.373
40211.266	50350.332	32.980	34238.227	24.869
1.025				
3/19/2016 9:00:00 AM	334800.000	23.268	14.481	52.413
40195.953	50302.547	32.947	34205.730	24.878
1.025				
3/19/2016 9:15:00 AM	335700.000	23.284	14.493	52.449
40253.492	50359.375	32.989	34244.379	24.843
1.025				
3/19/2016 9:30:00 AM	336600.000	23.302	14.498	52.490
40266.590	50370.207	32.998	34251.742	24.834
1.025				
3/19/2016 9:45:00 AM	337500.000	23.310	14.504	52.508
40238.047	50327.887	32.967	34222.965	24.852
1.025				
3/19/2016 10:00:00 AM	338400.000	23.320	14.512	52.531
40240.684	50321.152	32.963	34218.383	24.850
1.025				
3/19/2016 10:15:00 AM	339300.000	23.331	14.519	52.555
40234.199	50304.504	32.951	34207.066	24.854
1.024				
3/19/2016 10:30:00 AM	340200.000	23.346	14.527	52.589
40269.234	50338.730	32.977	34230.340	24.833
1.025				
3/19/2016 10:45:00 AM	341100.000	23.357	14.539	52.614
40261.945	50315.656	32.961	34214.648	24.837
1.025				
3/19/2016 11:00:00 AM	342000.000	23.361	14.547	52.624
40289.664	50340.488	32.980	34231.531	24.820
1.025				
3/19/2016 11:15:00 AM	342900.000	23.367	14.555	52.636
40262.422	50296.000	32.948	34201.281	24.837
1.024				
3/19/2016 11:30:00 AM	343800.000	23.379	14.565	52.663
40322.375	50359.602	32.995	34244.535	24.800
1.025				
3/19/2016 11:45:00 AM	344700.000	23.385	14.572	52.676
40298.391	50320.918	32.968	34218.223	24.815
1.024				
3/19/2016 12:00:00 PM	345600.000	23.382	14.582	52.671
40333.887	50353.734	32.993	34240.539	24.793
1.025				
3/19/2016 12:15:00 PM	346500.000	23.386	14.590	52.680
40315.176	50320.578	32.969	34217.996	24.805
1.024				
3/19/2016 12:30:00 PM	347400.000	23.382	14.597	52.670
40329.441	50329.984	32.976	34224.391	24.796

1.024				
3/19/2016 12:45:00 PM	348300.000	23.382	14.603	52.670
40353.035	50352.195	32.993	34239.496	24.781
1.025				
3/19/2016 1:00:00 PM	349200.000	23.386	14.604	52.678
40311.785	50298.902	32.954	34203.254	24.807
1.024				
3/19/2016 1:15:00 PM	350100.000	23.377	14.607	52.659
40300.992	50282.363	32.942	34192.008	24.813
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3/19/2016 1:30:00 PM	351000.000	23.375	14.595	52.654
40313.305	50311.648	32.963	34211.922	24.806
1.024				
3/19/2016 1:45:00 PM	351900.000	23.377	14.564	52.658
40286.453	50316.238	32.964	34215.047	24.822
1.024				
3/19/2016 2:00:00 PM	352800.000	23.361	14.530	52.624
40305.898	50381.246	33.008	34259.246	24.810
1.025				
3/19/2016 2:15:00 PM	353700.000	23.352	14.491	52.602
40208.602	50306.527	32.950	34208.438	24.870
1.025				
3/19/2016 2:30:00 PM	354600.000	23.349	14.418	52.595
40153.270	50324.184	32.957	34220.449	24.905
1.025				
3/19/2016 2:45:00 PM	355500.000	23.334	14.336	52.562
40069.445	50318.297	32.946	34216.441	24.957
1.025				
3/19/2016 3:00:00 PM	356400.000	23.332	14.263	52.557
40034.305	50362.621	32.972	34246.582	24.979
1.025				
3/19/2016 3:15:00 PM	357300.000	23.315	14.195	52.519
39955.848	50345.961	32.954	34235.258	25.028
1.025				
3/19/2016 3:30:00 PM	358200.000	23.302	14.151	52.491
39897.340	50325.668	32.936	34221.453	25.064
1.025				
3/19/2016 3:45:00 PM	359100.000	23.296	14.095	52.476
39856.059	50341.887	32.943	34232.488	25.090
1.025				
3/19/2016 4:00:00 PM	360000.000	23.284	14.062	52.448
39830.027	50348.672	32.945	34237.098	25.107
1.025				
3/19/2016 4:15:00 PM	360900.000	23.279	14.036	52.439
39819.016	50365.914	32.955	34248.820	25.114
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3/19/2016 4:30:00 PM	361800.000	23.276	14.001	52.432
39762.227	50337.281	32.931	34229.355	25.149
1.025				
3/19/2016 4:45:00 PM	362700.000	23.264	14.005	52.404
39769.367	50341.445	32.934	34232.184	25.145
1.025				
3/19/2016 5:00:00 PM	363600.000	23.260	13.988	52.396
39769.609	50362.563	32.948	34246.543	25.145
1.025				
3/19/2016 5:15:00 PM	364500.000	23.254	13.978	52.381
39747.090	50345.426	32.935	34234.895	25.159



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3/19/2016 5:30:00 PM	365400.000	23.249	13.977	52.371
39730.160	50325.391	32.920	34221.270	25.170
1.025				
3/19/2016 5:45:00 PM	366300.000	23.245	13.987	52.362
39746.641	50334.246	32.928	34227.293	25.159
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3/19/2016 6:00:00 PM	367200.000	23.251	13.982	52.374
39720.340	50307.105	32.907	34208.832	25.176
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3/19/2016 6:15:00 PM	368100.000	23.248	13.989	52.369
39742.859	50326.961	32.922	34222.332	25.162
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3/19/2016 6:30:00 PM	369000.000	23.249	14.005	52.370
39761.398	50331.465	32.927	34225.395	25.150
1.025				
3/19/2016 6:45:00 PM	369900.000	23.254	14.022	52.382
39766.941	50317.910	32.919	34216.184	25.147
1.025				
3/19/2016 7:00:00 PM	370800.000	23.262	14.055	52.399
39792.035	50308.754	32.915	34209.953	25.131
1.025				
3/19/2016 7:15:00 PM	371700.000	23.272	14.082	52.422
39846.066	50344.824	32.944	34234.480	25.097
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3/19/2016 7:30:00 PM	372600.000	23.281	14.110	52.443
39877.906	50350.680	32.950	34238.465	25.077
1.025				
3/19/2016 7:45:00 PM	373500.000	23.293	14.131	52.469
39856.359	50298.109	32.914	34202.719	25.090
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3/19/2016 8:00:00 PM	374400.000	23.309	14.178	52.506
39912.074	50312.008	32.928	34212.164	25.055
1.025				
3/19/2016 8:15:00 PM	375300.000	23.324	14.216	52.540
39960.043	50326.059	32.941	34221.723	25.025
1.025				
3/19/2016 8:30:00 PM	376200.000	23.338	14.258	52.571
40013.281	50341.980	32.957	34232.547	24.992
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3/19/2016 8:45:00 PM	377100.000	23.354	14.280	52.607
40006.512	50307.461	32.933	34209.074	24.996
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3/19/2016 9:00:00 PM	378000.000	23.362	14.336	52.624
40059.355	50305.414	32.937	34207.684	24.963
1.025				
3/19/2016 9:15:00 PM	378900.000	23.382	14.362	52.671
40095.313	50318.953	32.949	34216.887	24.941
1.025				
3/19/2016 9:30:00 PM	379800.000	23.390	14.410	52.688
40127.523	50301.543	32.940	34205.051	24.921
1.025				
3/19/2016 9:45:00 PM	380700.000	23.405	14.439	52.722
40127.242	50267.109	32.917	34181.633	24.921
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3/19/2016 10:00:00 PM	381600.000	23.421	14.462	52.759
40196.008	50325.027	32.962	34221.020	24.878

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3/19/2016 10:15:00 PM	382500.000	23.435	14.500	52.790
40255.516	50353.469	32.986	34240.359	24.841
1.025				
3/19/2016 10:30:00 PM	383400.000	23.446	14.530	52.815
40233.289	50289.637	32.941	34196.957	24.855
1.024				
3/19/2016 10:45:00 PM	384300.000	23.455	14.551	52.835
40283.844	50328.313	32.971	34223.254	24.824
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3/19/2016 11:00:00 PM	385200.000	23.465	14.567	52.857
40269.918	50291.000	32.946	34197.879	24.832
1.024				
3/19/2016 11:15:00 PM	386100.000	23.467	14.581	52.861
40278.125	50285.082	32.942	34193.855	24.827
1.024				
3/19/2016 11:30:00 PM	387000.000	23.489	14.588	52.911
40310.156	50316.125	32.966	34214.965	24.808
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3/19/2016 11:45:00 PM	387900.000	23.500	14.599	52.935
40310.465	50303.219	32.957	34206.188	24.807
1.024				
3/20/2016 12:00:00 AM	388800.000	23.510	14.610	52.958
40312.750	50293.953	32.951	34199.891	24.806
1.024				
3/20/2016 12:15:00 AM	389700.000	23.515	14.618	52.969
40322.426	50296.246	32.954	34201.449	24.800
1.024				
3/20/2016 12:30:00 AM	390600.000	23.520	14.627	52.982
40345.957	50314.441	32.968	34213.820	24.786
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3/20/2016 12:45:00 AM	391500.000	23.521	14.635	52.984
40325.980	50279.855	32.943	34190.305	24.798
1.024				
3/20/2016 1:00:00 AM	392400.000	23.531	14.643	53.006
40331.859	50278.270	32.942	34189.223	24.794
1.024				
3/20/2016 1:15:00 AM	393300.000	23.526	14.650	52.996
40388.617	50339.570	32.988	34230.906	24.759
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3/20/2016 1:30:00 AM	394200.000	23.542	14.654	53.030
40370.980	50313.008	32.969	34212.844	24.770
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3/20/2016 1:45:00 AM	395100.000	23.536	14.659	53.018
40373.590	50310.000	32.967	34210.805	24.769
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3/20/2016 2:00:00 AM	396000.000	23.529	14.665	53.001
40389.688	50323.379	32.977	34219.898	24.759
1.024				
3/20/2016 2:15:00 AM	396900.000	23.531	14.666	53.006
40357.188	50281.605	32.947	34191.492	24.779
1.024				
3/20/2016 2:30:00 AM	397800.000	23.537	14.659	53.020
40383.691	50323.758	32.977	34220.156	24.762
1.024				
3/20/2016 2:45:00 AM	398700.000	23.531	14.657	53.006
40353.684	50287.863	32.951	34195.746	24.781

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3/20/2016 3:00:00 AM	399600.000	23.528	14.636	52.999
40324.461	50277.328	32.941	34188.582	24.799
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3/20/2016 3:15:00 AM	400500.000	23.527	14.589	52.998
40322.105	50330.301	32.976	34224.605	24.800
1.025				
3/20/2016 3:30:00 AM	401400.000	23.520	14.556	52.980
40251.285	50281.348	32.938	34191.320	24.844
1.024				
3/20/2016 3:45:00 AM	402300.000	23.515	14.498	52.969
40248.297	50347.113	32.981	34236.043	24.846
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3/20/2016 4:00:00 AM	403200.000	23.506	14.433	52.950
40143.273	50294.441	32.937	34200.223	24.911
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3/20/2016 4:15:00 AM	404100.000	23.515	14.368	52.969
40074.918	50286.176	32.925	34194.602	24.953
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3/20/2016 4:30:00 AM	405000.000	23.506	14.315	52.949
40031.824	50296.676	32.928	34201.742	24.980
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3/20/2016 4:45:00 AM	405900.000	23.508	14.263	52.953
40008.691	50330.070	32.948	34224.449	24.995
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3/20/2016 5:00:00 AM	406800.000	23.503	14.249	52.943
39989.063	50322.672	32.942	34219.422	25.007
1.025				
3/20/2016 5:15:00 AM	407700.000	23.506	14.220	52.949
39940.648	50297.121	32.921	34202.047	25.037
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3/20/2016 5:30:00 AM	408600.000	23.508	14.221	52.953
39947.195	50303.730	32.926	34206.535	25.033
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3/20/2016 5:45:00 AM	409500.000	23.507	14.196	52.951
39938.957	50323.063	32.938	34219.684	25.038
1.025				
3/20/2016 6:00:00 AM	410400.000	23.511	14.185	52.961
39939.680	50337.762	32.947	34229.684	25.038
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3/20/2016 6:15:00 AM	411300.000	23.519	14.192	52.978
39916.902	50300.336	32.921	34204.230	25.052
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3/20/2016 6:30:00 AM	412200.000	23.531	14.217	53.007
39954.086	50317.148	32.935	34215.660	25.029
1.025				
3/20/2016 6:45:00 AM	413100.000	23.550	14.236	53.050
39990.121	50339.602	32.953	34230.930	25.006
1.025				
3/20/2016 7:00:00 AM	414000.000	23.553	14.264	53.055
40023.633	50347.895	32.962	34236.570	24.985
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3/20/2016 7:15:00 AM	414900.000	23.560	14.287	53.070
40015.617	50309.879	32.936	34210.719	24.990
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3/20/2016 7:30:00 AM	415800.000	23.580	14.324	53.117
40073.441	50338.016	32.959	34229.855	24.954

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3/20/2016 7:45:00 AM	416700.000	23.584	14.387	53.126
40116.023	50315.266	32.948	34214.387	24.928
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3/20/2016 8:00:00 AM	417600.000	23.596	14.424	53.152
40154.789	50319.895	32.955	34217.531	24.904
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3/20/2016 8:15:00 AM	418500.000	23.608	14.483	53.180
40196.426	50300.141	32.945	34204.098	24.878
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3/20/2016 8:30:00 AM	419400.000	23.621	14.507	53.210
40218.699	50299.848	32.947	34203.898	24.864
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3/20/2016 8:45:00 AM	420300.000	23.630	14.548	53.230
40268.352	50311.836	32.959	34212.047	24.833
1.024				
3/20/2016 9:00:00 AM	421200.000	23.642	14.581	53.256
40307.672	50322.391	32.970	34219.227	24.809
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3/20/2016 9:15:00 AM	422100.000	23.656	14.602	53.288
40307.340	50296.766	32.953	34201.801	24.809
1.024				
3/20/2016 9:30:00 AM	423000.000	23.671	14.619	53.321
40334.590	50310.141	32.964	34210.895	24.793
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3/20/2016 9:45:00 AM	423900.000	23.673	14.637	53.326
40367.063	50329.055	32.979	34223.758	24.773
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3/20/2016 10:00:00 AM	424800.000	23.684	14.647	53.351
40356.523	50303.484	32.961	34206.371	24.779
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3/20/2016 10:15:00 AM	425700.000	23.704	14.661	53.396
40370.168	50304.363	32.963	34206.969	24.771
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3/20/2016 10:30:00 AM	426600.000	23.707	14.669	53.403
40360.707	50282.496	32.948	34192.102	24.777
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3/20/2016 10:45:00 AM	427500.000	23.713	14.677	53.417
40368.621	50283.012	32.949	34192.453	24.772
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3/20/2016 11:00:00 AM	428400.000	23.724	14.694	53.440
40397.262	50298.547	32.961	34203.016	24.754
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3/20/2016 11:15:00 AM	429300.000	23.730	14.712	53.454
40431.570	50318.875	32.978	34216.840	24.733
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3/20/2016 11:30:00 AM	430200.000	23.730	14.721	53.454
40425.832	50301.344	32.966	34204.914	24.737
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3/20/2016 11:45:00 AM	431100.000	23.725	14.726	53.443
40423.434	50292.742	32.960	34199.066	24.738
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3/20/2016 12:00:00 PM	432000.000	23.726	14.725	53.446
40401.543	50265.934	32.940	34180.836	24.752
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3/20/2016 12:15:00 PM	432900.000	23.731	14.725	53.456
40383.340	50243.508	32.924	34165.590	24.763

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3/20/2016 12:30:00 PM	433800.000	23.725	14.711	53.443
40408.855	50291.883	32.958	34198.484	24.747
1.024				
3/20/2016 12:45:00 PM	434700.000	23.721	14.692	53.435
40375.715	50273.293	32.943	34185.840	24.767
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3/20/2016 1:00:00 PM	435600.000	23.711	14.655	53.411
40345.980	50280.691	32.945	34190.871	24.786
1.024				
3/20/2016 1:15:00 PM	436500.000	23.703	14.600	53.393
40316.773	50310.027	32.962	34210.824	24.804
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3/20/2016 1:30:00 PM	437400.000	23.694	14.503	53.373
40223.695	50310.695	32.955	34211.273	24.861
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3/20/2016 1:45:00 PM	438300.000	23.677	14.410	53.335
40130.113	50305.648	32.943	34207.840	24.919
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3/20/2016 2:00:00 PM	439200.000	23.669	14.310	53.318
40054.938	50332.145	32.954	34225.859	24.966
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3/20/2016 2:15:00 PM	440100.000	23.648	14.203	53.269
39930.633	50304.176	32.924	34206.840	25.043
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3/20/2016 2:30:00 PM	441000.000	23.639	14.121	53.248
39864.863	50321.371	32.930	34218.531	25.085
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3/20/2016 2:45:00 PM	441900.000	23.619	14.069	53.205
39806.684	50310.414	32.917	34211.082	25.121
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3/20/2016 3:00:00 PM	442800.000	23.611	14.015	53.186
39749.531	50304.434	32.908	34207.016	25.158
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3/20/2016 3:15:00 PM	443700.000	23.593	13.989	53.147
39740.242	50323.645	32.920	34220.082	25.163
1.025				
3/20/2016 3:30:00 PM	444600.000	23.577	13.961	53.110
39737.398	50354.418	32.940	34241.004	25.165
1.025				
3/20/2016 3:45:00 PM	445500.000	23.560	13.940	53.070
39703.355	50337.313	32.926	34229.375	25.187
1.025				
3/20/2016 4:00:00 PM	446400.000	23.546	13.931	53.039
39691.617	50332.750	32.922	34226.273	25.194
1.025				
3/20/2016 4:15:00 PM	447300.000	23.537	13.904	53.019
39657.520	50322.730	32.912	34219.461	25.216
1.025				
3/20/2016 4:30:00 PM	448200.000	23.523	13.893	52.987
39656.109	50333.867	32.919	34227.031	25.217
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3/20/2016 4:45:00 PM	449100.000	23.509	13.887	52.955
39628.613	50306.582	32.899	34208.477	25.234
1.025				
3/20/2016 5:00:00 PM	450000.000	23.497	13.877	52.929
39623.012	50312.070	32.902	34212.207	25.238

1.025				
3/20/2016 5:15:00 PM	450900.000	23.488	13.872	52.908
39621.379	50316.195	32.904	34215.012	25.239
1.025				
3/20/2016 5:30:00 PM	451800.000	23.473	13.863	52.876
39631.836	50339.805	32.921	34231.066	25.232
1.025				
3/20/2016 5:45:00 PM	452700.000	23.468	13.854	52.864
39607.430	50320.023	32.905	34217.617	25.248
1.025				
3/20/2016 6:00:00 PM	453600.000	23.455	13.851	52.835
39624.453	50345.566	32.924	34234.984	25.237
1.025				
3/20/2016 6:15:00 PM	454500.000	23.450	13.858	52.824
39599.715	50305.320	32.895	34207.617	25.253
1.025				
3/20/2016 6:30:00 PM	455400.000	23.444	13.842	52.811
39568.543	50284.973	32.879	34193.781	25.273
1.025				
3/20/2016 6:45:00 PM	456300.000	23.437	13.853	52.795
39608.340	50322.707	32.907	34219.445	25.247
1.025				
3/20/2016 7:00:00 PM	457200.000	23.434	13.863	52.788
39623.184	50329.375	32.913	34223.980	25.238
1.025				
3/20/2016 7:15:00 PM	458100.000	23.441	13.874	52.803
39629.797	50324.496	32.910	34220.656	25.234
1.025				
3/20/2016 7:30:00 PM	459000.000	23.434	13.880	52.787
39592.344	50268.793	32.870	34182.781	25.257
1.025				
3/20/2016 7:45:00 PM	459900.000	23.424	13.895	52.765
39632.789	50301.773	32.896	34205.207	25.232
1.025				
3/20/2016 8:00:00 PM	460800.000	23.430	13.912	52.778
39639.004	50289.469	32.888	34196.844	25.228
1.025				
3/20/2016 8:15:00 PM	461700.000	23.439	13.931	52.798
39673.949	50310.238	32.905	34210.965	25.205
1.025				
3/20/2016 8:30:00 PM	462600.000	23.450	13.953	52.822
39671.414	50279.898	32.885	34190.336	25.207
1.025				
3/20/2016 8:45:00 PM	463500.000	23.450	13.975	52.822
39724.660	50320.609	32.917	34218.016	25.173
1.025				
3/20/2016 9:00:00 PM	464400.000	23.454	14.005	52.833
39731.695	50293.863	32.900	34199.828	25.169
1.025				
3/20/2016 9:15:00 PM	465300.000	23.462	14.038	52.850
39766.270	50297.156	32.905	34202.066	25.147
1.025				
3/20/2016 9:30:00 PM	466200.000	23.478	14.058	52.887
39789.078	50301.660	32.910	34205.133	25.133
1.025				
3/20/2016 9:45:00 PM	467100.000	23.492	14.090	52.918
39814.531	50295.270	32.908	34200.785	25.116

1.025				
3/20/2016 10:00:00 PM	468000.000	23.501	14.134	52.938
39856.422	50294.309	32.911	34200.129	25.090
1.025				
3/20/2016 10:15:00 PM	468900.000	23.511	14.175	52.960
39897.926	50296.879	32.917	34201.883	25.064
1.025				
3/20/2016 10:30:00 PM	469800.000	23.524	14.199	52.990
39928.637	50307.379	32.926	34209.023	25.045
1.025				
3/20/2016 10:45:00 PM	470700.000	23.535	14.234	53.016
39928.637	50264.035	32.898	34179.547	25.045
1.025				
3/20/2016 11:00:00 PM	471600.000	23.542	14.267	53.031
39993.164	50305.492	32.931	34207.738	25.004
1.025				
3/20/2016 11:15:00 PM	472500.000	23.547	14.314	53.042
40018.348	50281.242	32.917	34191.246	24.989
1.025				
3/20/2016 11:30:00 PM	473400.000	23.569	14.334	53.092
40029.609	50270.855	32.911	34184.184	24.982
1.025				
3/20/2016 11:45:00 PM	474300.000	23.569	14.365	53.092
40063.961	50276.922	32.918	34188.309	24.960
1.025				
3/21/2016 12:00:00 AM	475200.000	23.579	14.372	53.113
40087.746	50297.660	32.934	34202.410	24.945
1.025				
3/21/2016 12:15:00 AM	476100.000	23.579	14.394	53.114
40087.191	50270.328	32.916	34183.828	24.946
1.024				
3/21/2016 12:30:00 AM	477000.000	23.584	14.407	53.125
40103.297	50275.137	32.921	34187.094	24.936
1.024				
3/21/2016 12:45:00 AM	477900.000	23.586	14.412	53.131
40105.383	50272.082	32.919	34185.016	24.934
1.024				
3/21/2016 1:00:00 AM	478800.000	23.589	14.405	53.136
40092.355	50264.102	32.912	34179.594	24.942
1.024				
3/21/2016 1:15:00 AM	479700.000	23.592	14.407	53.143
40109.988	50283.734	32.927	34192.945	24.931
1.025				
3/21/2016 1:30:00 AM	480600.000	23.584	14.386	53.125
40093.652	50288.602	32.929	34196.250	24.942
1.025				
3/21/2016 1:45:00 AM	481500.000	23.584	14.369	53.126
40075.230	50285.824	32.925	34194.363	24.953
1.025				
3/21/2016 2:00:00 AM	482400.000	23.587	14.315	53.132
40000.219	50257.277	32.900	34174.949	25.000
1.025				
3/21/2016 2:15:00 AM	483300.000	23.584	14.285	53.125
39966.473	50250.465	32.892	34170.320	25.021
1.025				
3/21/2016 2:30:00 AM	484200.000	23.575	14.210	53.106
39914.836	50276.652	32.905	34188.125	25.053

1.025				
3/21/2016 2:45:00 AM	485100.000	23.569	14.161	53.092
39878.656	50290.141	32.910	34197.301	25.076
1.025				
3/21/2016 3:00:00 AM	486000.000	23.565	14.105	53.082
39815.410	50278.246	32.897	34189.211	25.116
1.025				
3/21/2016 3:15:00 AM	486900.000	23.558	14.064	53.066
39801.145	50309.133	32.916	34210.211	25.125
1.025				
3/21/2016 3:30:00 AM	487800.000	23.554	14.031	53.058
39740.434	50273.117	32.887	34185.719	25.163
1.025				
3/21/2016 3:45:00 AM	488700.000	23.537	13.989	53.020
39721.102	50299.188	32.902	34203.449	25.176
1.025				
3/21/2016 4:00:00 AM	489600.000	23.531	13.982	53.006
39702.961	50284.770	32.891	34193.645	25.187
1.025				
3/21/2016 4:15:00 AM	490500.000	23.522	13.952	52.984
39697.738	50314.453	32.910	34213.828	25.190
1.025				
3/21/2016 4:30:00 AM	491400.000	23.514	13.945	52.967
39691.008	50315.477	32.910	34214.523	25.195
1.025				
3/21/2016 4:45:00 AM	492300.000	23.504	13.943	52.944
39694.375	50322.020	32.915	34218.977	25.192
1.025				
3/21/2016 5:00:00 AM	493200.000	23.500	13.936	52.935
39679.637	50311.035	32.906	34211.508	25.202
1.025				
3/21/2016 5:15:00 AM	494100.000	23.492	13.945	52.918
39684.492	50306.777	32.904	34208.609	25.199
1.025				
3/21/2016 5:30:00 AM	495000.000	23.490	13.944	52.913
39683.766	50307.059	32.904	34208.801	25.199
1.025				
3/21/2016 5:45:00 AM	495900.000	23.487	13.942	52.906
39677.746	50302.352	32.900	34205.602	25.203
1.025				
3/21/2016 6:00:00 AM	496800.000	23.485	13.933	52.901
39662.383	50293.617	32.893	34199.660	25.213
1.025				
3/21/2016 6:15:00 AM	497700.000	23.479	13.955	52.890
39673.660	50281.445	32.886	34191.383	25.206
1.025				
3/21/2016 6:30:00 AM	498600.000	23.480	13.969	52.891
39710.406	50310.133	32.908	34210.891	25.182
1.025				
3/21/2016 6:45:00 AM	499500.000	23.484	13.982	52.900
39704.930	50287.914	32.893	34195.781	25.186
1.025				
3/21/2016 7:00:00 AM	500400.000	23.498	13.993	52.931
39721.070	50295.145	32.900	34200.703	25.176
1.025				
3/21/2016 7:15:00 AM	501300.000	23.504	14.030	52.945
39753.832	50291.035	32.900	34197.902	25.155



1.025				
3/21/2016 7:30:00 AM	502200.000	23.516	14.042	52.971
39761.523	50286.383	32.897	34194.742	25.150
1.025				
3/21/2016 7:45:00 AM	503100.000	23.525	14.068	52.992
39801.516	50305.824	32.914	34207.961	25.125
1.025				
3/21/2016 8:00:00 AM	504000.000	23.541	14.110	53.029
39830.070	50290.168	32.906	34197.320	25.107
1.025				
3/21/2016 8:15:00 AM	504900.000	23.549	14.166	53.046
39879.980	50285.563	32.908	34194.184	25.075
1.025				
3/21/2016 8:30:00 AM	505800.000	23.572	14.201	53.099
39890.371	50256.250	32.889	34174.250	25.069
1.025				
3/21/2016 8:45:00 AM	506700.000	23.591	14.242	53.141
39929.215	50255.746	32.892	34173.910	25.044
1.025				
3/21/2016 9:00:00 AM	507600.000	23.604	14.303	53.170
40007.281	50280.199	32.915	34190.535	24.995
1.025				
3/21/2016 9:15:00 AM	508500.000	23.627	14.342	53.222
40068.301	50309.250	32.940	34210.289	24.957
1.025				
3/21/2016 9:30:00 AM	509400.000	23.641	14.390	53.253
40057.867	50239.008	32.893	34162.527	24.964
1.024				
3/21/2016 9:45:00 AM	510300.000	23.654	14.430	53.284
40137.598	50290.133	32.933	34197.293	24.914
1.025				
3/21/2016 10:00:00 AM	511200.000	23.671	14.476	53.320
40172.480	50279.457	32.929	34190.031	24.893
1.024				
3/21/2016 10:15:00 AM	512100.000	23.699	14.505	53.385
40175.695	50248.309	32.909	34168.855	24.891
1.024				
3/21/2016 10:30:00 AM	513000.000	23.714	14.535	53.418
40240.395	50293.184	32.944	34199.363	24.851
1.024				
3/21/2016 10:45:00 AM	513900.000	23.730	14.557	53.455
40210.770	50229.258	32.900	34155.895	24.869
1.024				
3/21/2016 11:00:00 AM	514800.000	23.730	14.575	53.453
40253.254	50261.363	32.924	34177.727	24.843
1.024				
3/21/2016 11:15:00 AM	515700.000	23.740	14.589	53.477
40252.313	50243.184	32.912	34165.363	24.843
1.024				
3/21/2016 11:30:00 AM	516600.000	23.755	14.604	53.511
40270.527	50248.281	32.917	34168.836	24.832
1.024				
3/21/2016 11:45:00 AM	517500.000	23.766	14.618	53.534
40295.871	50263.016	32.929	34178.852	24.816
1.024				
3/21/2016 12:00:00 PM	518400.000	23.770	14.630	53.543
40313.711	50271.152	32.936	34184.383	24.805

1.024				
3/21/2016 12:15:00 PM	519300.000	23.784	14.639	53.575
40366.762	50325.711	32.977	34221.484	24.773
1.024				
3/21/2016 12:30:00 PM	520200.000	23.779	14.648	53.565
40327.563	50266.008	32.934	34180.891	24.797
1.024				
3/21/2016 12:45:00 PM	521100.000	23.785	14.656	53.577
40331.031	50261.523	32.931	34177.836	24.795
1.024				
3/21/2016 1:00:00 PM	522000.000	23.794	14.663	53.598
40337.117	50260.730	32.931	34177.301	24.791
1.024				
3/21/2016 1:15:00 PM	522900.000	23.791	14.668	53.592
40347.047	50267.270	32.936	34181.742	24.785
1.024				
3/21/2016 1:30:00 PM	523800.000	23.783	14.659	53.574
40361.801	50295.949	32.957	34201.250	24.776
1.024				
3/21/2016 1:45:00 PM	524700.000	23.779	14.649	53.565
40358.781	50303.969	32.962	34206.699	24.778
1.024				
3/21/2016 2:00:00 PM	525600.000	23.773	14.632	53.551
40297.035	50247.379	32.919	34168.219	24.816
1.024				
3/21/2016 2:15:00 PM	526500.000	23.765	14.602	53.533
40284.043	50267.164	32.931	34181.676	24.824
1.024				
3/21/2016 2:30:00 PM	527400.000	23.757	14.545	53.516
40221.824	50257.527	32.919	34175.117	24.862
1.024				
3/21/2016 2:45:00 PM	528300.000	23.747	14.452	53.493
40147.078	50275.723	32.925	34187.492	24.908
1.024				
3/21/2016 3:00:00 PM	529200.000	23.732	14.357	53.459
40063.609	50286.344	32.924	34194.719	24.960
1.025				
3/21/2016 3:15:00 PM	530100.000	23.716	14.267	53.422
40005.480	50321.949	32.943	34218.930	24.997
1.025				
3/21/2016 3:30:00 PM	531000.000	23.712	14.170	53.414
39900.758	50306.695	32.923	34208.559	25.062
1.025				
3/21/2016 3:45:00 PM	531900.000	23.699	14.113	53.384
39794.797	50242.297	32.871	34164.766	25.129
1.025				
3/21/2016 4:00:00 PM	532800.000	23.684	14.063	53.350
39803.742	50314.047	32.919	34213.551	25.123
1.025				
3/21/2016 4:15:00 PM	533700.000	23.680	14.025	53.340
39735.977	50274.613	32.887	34186.742	25.166
1.025				
3/21/2016 4:30:00 PM	534600.000	23.661	14.005	53.298
39750.508	50317.352	32.917	34215.801	25.157
1.025				
3/21/2016 4:45:00 PM	535500.000	23.655	13.980	53.285
39701.930	50285.734	32.892	34194.301	25.188

1.025				
3/21/2016 5:00:00 PM	536400.000	23.644	13.959	53.261
39726.262	50343.129	32.932	34233.328	25.172
1.025				
3/21/2016 5:15:00 PM	537300.000	23.630	13.957	53.229
39700.582	50312.750	32.909	34212.672	25.189
1.025				
3/21/2016 5:30:00 PM	538200.000	23.621	13.941	53.209
39696.953	50327.906	32.919	34222.977	25.191
1.025				
3/21/2016 5:45:00 PM	539100.000	23.610	13.927	53.185
39650.031	50284.773	32.886	34193.645	25.221
1.025				
3/21/2016 6:00:00 PM	540000.000	23.605	13.910	53.174
39687.930	50353.934	32.935	34240.676	25.197
1.025				
3/21/2016 6:15:00 PM	540900.000	23.605	13.914	53.173
39671.664	50327.742	32.916	34222.867	25.207
1.025				
3/21/2016 6:30:00 PM	541800.000	23.600	13.916	53.161
39646.051	50293.621	32.892	34199.664	25.223
1.025				
3/21/2016 6:45:00 PM	542700.000	23.594	13.917	53.147
39637.008	50280.645	32.882	34190.840	25.229
1.025				
3/21/2016 7:00:00 PM	543600.000	23.589	13.922	53.137
39682.191	50332.297	32.920	34225.965	25.200
1.025				
3/21/2016 7:15:00 PM	544500.000	23.591	13.914	53.141
39657.469	50309.969	32.903	34210.777	25.216
1.025				
3/21/2016 7:30:00 PM	545400.000	23.589	13.936	53.136
39656.711	50282.301	32.885	34191.969	25.216
1.025				
3/21/2016 7:45:00 PM	546300.000	23.595	13.950	53.149
39658.012	50267.352	32.876	34181.801	25.216
1.025				
3/21/2016 8:00:00 PM	547200.000	23.610	13.965	53.184
39713.508	50319.258	32.915	34217.094	25.180
1.025				
3/21/2016 8:15:00 PM	548100.000	23.598	13.975	53.157
39686.586	50273.133	32.882	34185.734	25.197
1.025				
3/21/2016 8:30:00 PM	549000.000	23.600	13.998	53.160
39729.406	50299.742	32.903	34203.828	25.170
1.025				
3/21/2016 8:45:00 PM	549900.000	23.606	14.029	53.175
39789.684	50338.352	32.934	34230.078	25.132
1.025				
3/21/2016 9:00:00 PM	550800.000	23.629	14.063	53.228
39784.988	50291.090	32.903	34197.945	25.135
1.025				
3/21/2016 9:15:00 PM	551700.000	23.648	14.100	53.269
39827.953	50299.684	32.912	34203.785	25.108
1.025				
3/21/2016 9:30:00 PM	552600.000	23.659	14.148	53.295
39883.500	50311.234	32.925	34211.645	25.073

1.025				
3/21/2016 9:45:00 PM	553500.000	23.670	14.180	53.319
39876.426	50263.848	32.893	34179.422	25.077
1.025				
3/21/2016 10:00:00 PM	554400.000	23.686	14.225	53.356
39933.988	50281.949	32.910	34191.727	25.041
1.025				
3/21/2016 10:15:00 PM	555300.000	23.699	14.266	53.384
39987.445	50300.457	32.927	34204.316	25.008
1.025				
3/21/2016 10:30:00 PM	556200.000	23.714	14.313	53.418
40015.016	50277.379	32.914	34188.617	24.991
1.025				
3/21/2016 10:45:00 PM	557100.000	23.719	14.351	53.430
40056.441	50284.508	32.923	34193.465	24.965
1.025				
3/21/2016 11:00:00 PM	558000.000	23.737	14.381	53.471
40118.609	50326.215	32.956	34221.828	24.926
1.025				
3/21/2016 11:15:00 PM	558900.000	23.750	14.409	53.499
40126.305	50301.625	32.940	34205.109	24.921
1.025				
3/21/2016 11:30:00 PM	559800.000	23.770	14.446	53.545
40176.723	50320.328	32.957	34217.828	24.890
1.025				
3/21/2016 11:45:00 PM	560700.000	23.783	14.483	53.574
40188.590	50291.086	32.939	34197.941	24.883
1.024				
3/22/2016 12:00:00 AM	561600.000	23.788	14.508	53.585
40214.605	50293.230	32.942	34199.402	24.867
1.024				
3/22/2016 12:15:00 AM	562500.000	23.800	14.527	53.613
40193.410	50243.832	32.908	34165.805	24.880
1.024				
3/22/2016 12:30:00 AM	563400.000	23.807	14.543	53.627
40255.008	50301.875	32.951	34205.277	24.842
1.024				
3/22/2016 12:45:00 AM	564300.000	23.817	14.556	53.650
40237.512	50263.832	32.925	34179.410	24.852
1.024				
3/22/2016 1:00:00 AM	565200.000	23.820	14.577	53.656
40289.848	50304.402	32.956	34206.992	24.820
1.024				
3/22/2016 1:15:00 AM	566100.000	23.824	14.589	53.667
40288.715	50288.949	32.946	34196.488	24.821
1.024				
3/22/2016 1:30:00 AM	567000.000	23.821	14.600	53.659
40311.859	50304.539	32.958	34207.090	24.807
1.024				
3/22/2016 1:45:00 AM	567900.000	23.815	14.600	53.646
40317.117	50310.359	32.962	34211.043	24.803
1.024				
3/22/2016 2:00:00 AM	568800.000	23.830	14.599	53.679
40339.559	50340.484	32.984	34231.531	24.790
1.025				
3/22/2016 2:15:00 AM	569700.000	23.820	14.588	53.657
40276.184	50274.461	32.935	34186.633	24.829

1.024				
3/22/2016 2:30:00 AM	570600.000	23.822	14.570	53.661
40282.988	50304.227	32.955	34206.875	24.824
1.024				
3/22/2016 2:45:00 AM	571500.000	23.822	14.544	53.661
40251.105	50295.707	32.947	34201.086	24.844
1.024				
3/22/2016 3:00:00 AM	572400.000	23.814	14.469	53.643
40188.582	50307.305	32.949	34208.969	24.883
1.025				
3/22/2016 3:15:00 AM	573300.000	23.797	14.414	53.605
40158.754	50336.195	32.966	34228.613	24.901
1.025				
3/22/2016 3:30:00 AM	574200.000	23.795	14.315	53.601
40062.156	50334.020	32.956	34227.133	24.961
1.025				
3/22/2016 3:45:00 AM	575100.000	23.782	14.220	53.571
39972.586	50336.789	32.950	34229.016	25.017
1.025				
3/22/2016 4:00:00 AM	576000.000	23.778	14.132	53.562
39866.133	50309.367	32.922	34210.371	25.084
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3/22/2016 4:15:00 AM	576900.000	23.760	14.071	53.522
39836.363	50345.543	32.943	34234.969	25.103
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3/22/2016 4:30:00 AM	577800.000	23.758	14.028	53.517
39777.609	50323.492	32.923	34219.977	25.140
1.025				
3/22/2016 4:45:00 AM	578700.000	23.749	13.997	53.496
39765.965	50346.453	32.937	34235.594	25.147
1.025				
3/22/2016 5:00:00 AM	579600.000	23.733	13.962	53.462
39740.527	50356.969	32.942	34242.742	25.163
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3/22/2016 5:15:00 AM	580500.000	23.732	13.950	53.459
39741.250	50372.754	32.952	34253.477	25.163
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3/22/2016 5:30:00 AM	581400.000	23.721	13.946	53.434
39713.430	50342.609	32.930	34232.980	25.180
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3/22/2016 5:45:00 AM	582300.000	23.716	13.943	53.423
39704.820	50335.047	32.924	34227.832	25.186
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3/22/2016 6:00:00 AM	583200.000	23.702	13.922	53.390
39694.145	50346.609	32.931	34235.699	25.193
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3/22/2016 6:15:00 AM	584100.000	23.703	13.920	53.394
39725.117	50388.391	32.961	34264.105	25.173
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3/22/2016 6:30:00 AM	585000.000	23.694	13.919	53.372
39712.656	50374.094	32.951	34254.383	25.181
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3/22/2016 6:45:00 AM	585900.000	23.684	13.914	53.350
39688.867	50350.543	32.933	34238.371	25.196
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3/22/2016 7:00:00 AM	586800.000	23.683	13.917	53.348
39702.711	50364.102	32.943	34247.594	25.187

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3/22/2016 7:15:00 AM	587700.000	23.684	13.925	53.351
39728.844	50387.668	32.961	34263.613	25.171
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3/22/2016 7:30:00 AM	588600.000	23.681	13.915	53.344
39759.836	50439.504	32.998	34298.867	25.151
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3/22/2016 7:45:00 AM	589500.000	23.680	13.926	53.342
39696.395	50345.102	32.930	34234.668	25.191
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3/22/2016 8:00:00 AM	590400.000	23.679	13.952	53.340
39758.531	50392.164	32.967	34266.676	25.152
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3/22/2016 8:15:00 AM	591300.000	23.684	13.958	53.351
39746.242	50369.313	32.951	34251.133	25.160
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3/22/2016 8:30:00 AM	592200.000	23.697	13.983	53.381
39778.668	50379.789	32.960	34258.258	25.139
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3/22/2016 8:45:00 AM	593100.000	23.698	14.021	53.381
39824.832	50392.250	32.973	34266.730	25.110
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3/22/2016 9:00:00 AM	594000.000	23.724	14.052	53.440
39848.766	50384.699	32.970	34261.602	25.095
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3/22/2016 9:15:00 AM	594900.000	23.740	14.094	53.477
39876.586	50368.891	32.962	34250.852	25.077
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3/22/2016 9:30:00 AM	595800.000	23.747	14.127	53.491
39910.801	50371.684	32.967	34252.746	25.056
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3/22/2016 9:45:00 AM	596700.000	23.758	14.165	53.516
39946.297	50370.488	32.969	34251.934	25.034
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3/22/2016 10:00:00 AM	597600.000	23.774	14.196	53.553
39988.973	50386.523	32.984	34262.836	25.007
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3/22/2016 10:15:00 AM	598500.000	23.793	14.250	53.597
40049.887	50397.391	32.996	34270.230	24.969
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3/22/2016 10:30:00 AM	599400.000	23.815	14.287	53.645
40046.809	50349.746	32.965	34237.832	24.971
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3/22/2016 10:45:00 AM	600300.000	23.818	14.327	53.653
40084.465	50348.637	32.967	34237.074	24.947
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3/22/2016 11:00:00 AM	601200.000	23.837	14.364	53.695
40116.895	50343.672	32.967	34233.695	24.927
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3/22/2016 11:15:00 AM	602100.000	23.837	14.389	53.695
40143.773	50347.180	32.972	34236.086	24.910
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3/22/2016 11:30:00 AM	603000.000	23.857	14.426	53.741
40192.359	50363.766	32.987	34247.359	24.880
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3/22/2016 11:45:00 AM	603900.000	23.869	14.444	53.767
40192.672	50342.227	32.973	34232.715	24.880

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3/22/2016 12:00:00 PM	604800.000	23.869	14.473	53.768
40252.320	50382.813	33.005	34260.316	24.843
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3/22/2016 12:15:00 PM	605700.000	23.864	14.496	53.756
40249.305	50351.043	32.983	34238.711	24.845
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3/22/2016 12:30:00 PM	606600.000	23.874	14.514	53.779
40322.484	50420.570	33.036	34285.992	24.800
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3/22/2016 12:45:00 PM	607500.000	23.890	14.516	53.814
40259.633	50339.414	32.977	34230.801	24.839
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3/22/2016 1:00:00 PM	608400.000	23.877	14.519	53.786
40298.543	50385.391	33.010	34262.070	24.815
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3/22/2016 1:15:00 PM	609300.000	23.880	14.517	53.791
40305.848	50396.781	33.019	34269.813	24.810
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3/22/2016 1:30:00 PM	610200.000	23.869	14.495	53.767
40276.566	50386.113	33.009	34262.563	24.828
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3/22/2016 1:45:00 PM	611100.000	23.871	14.458	53.771
40245.414	50391.383	33.010	34266.145	24.848
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3/22/2016 2:00:00 PM	612000.000	23.870	14.404	53.771
40191.602	50390.113	33.004	34265.277	24.881
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3/22/2016 2:15:00 PM	612900.000	23.861	14.334	53.748
40156.949	50430.328	33.028	34292.625	24.902
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3/22/2016 2:30:00 PM	613800.000	23.861	14.264	53.750
40100.113	50444.648	33.032	34302.359	24.938
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3/22/2016 2:45:00 PM	614700.000	23.846	14.186	53.715
39967.945	50372.527	32.973	34253.324	25.020
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3/22/2016 3:00:00 PM	615600.000	23.834	14.092	53.689
39913.621	50417.730	32.998	34284.063	25.054
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3/22/2016 3:15:00 PM	616500.000	23.820	14.019	53.656
39824.164	50394.004	32.974	34267.926	25.110
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3/22/2016 3:30:00 PM	617400.000	23.802	13.975	53.617
39800.148	50416.551	32.987	34283.258	25.126
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3/22/2016 3:45:00 PM	618300.000	23.789	13.946	53.587
39792.770	50442.848	33.003	34301.141	25.130
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3/22/2016 4:00:00 PM	619200.000	23.784	13.896	53.575
39742.195	50439.652	32.996	34298.965	25.162
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3/22/2016 4:15:00 PM	620100.000	23.760	13.888	53.522
39723.398	50426.141	32.986	34289.781	25.174
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3/22/2016 4:30:00 PM	621000.000	23.754	13.884	53.509
39730.016	50439.121	32.995	34298.602	25.170

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3/22/2016 4:45:00 PM	621900.000	23.747	13.879	53.493
39740.367	50458.242	33.008	34311.605	25.163
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3/22/2016 5:00:00 PM	622800.000	23.726	13.868	53.445
39709.145	50432.336	32.989	34293.992	25.183
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3/22/2016 5:15:00 PM	623700.000	23.718	13.852	53.427
39700.867	50441.027	32.994	34299.898	25.188
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3/22/2016 5:30:00 PM	624600.000	23.709	13.844	53.406
39687.582	50434.617	32.988	34295.539	25.197
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39701.984	50448.977	32.999	34305.305	25.188
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3/22/2016 6:00:00 PM	626400.000	23.684	13.832	53.350
39663.258	50418.000	32.975	34284.246	25.212
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3/22/2016 6:15:00 PM	627300.000	23.676	13.819	53.332
39668.195	50439.766	32.990	34299.043	25.209
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3/22/2016 6:30:00 PM	628200.000	23.666	13.832	53.310
39671.176	50427.391	32.982	34290.625	25.207
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3/22/2016 6:45:00 PM	629100.000	23.655	13.826	53.286
39682.117	50448.730	32.997	34305.137	25.200
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3/22/2016 7:00:00 PM	630000.000	23.652	13.832	53.278
39675.895	50433.941	32.987	34295.082	25.204
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39686.992	50451.105	32.999	34306.754	25.197
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3/22/2016 7:30:00 PM	631800.000	23.644	13.825	53.262
39661.074	50423.387	32.978	34287.902	25.214
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3/22/2016 7:45:00 PM	632700.000	23.642	13.838	53.256
39683.047	50435.285	32.988	34295.996	25.200
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3/22/2016 8:00:00 PM	633600.000	23.643	13.856	53.258
39731.285	50475.078	33.019	34323.055	25.169
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39732.941	50475.664	33.019	34323.457	25.168
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39744.770	50465.145	33.013	34316.301	25.161
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3/22/2016 8:45:00 PM	636300.000	23.645	13.899	53.264
39739.246	50432.199	32.991	34293.895	25.164
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3/22/2016 9:00:00 PM	637200.000	23.645	13.898	53.263
39765.066	50466.496	33.016	34317.219	25.148
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39780.020	50460.195	33.013	34312.934	25.138



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39840.477	50493.406	33.041	34335.520	25.100
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39813.340	50438.047	33.002	34297.875	25.117
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39848.305	50450.273	33.013	34306.191	25.095
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39893.066	50446.785	33.015	34303.813	25.067
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39951.426	50488.566	33.048	34332.230	25.030
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3/22/2016 10:45:00 PM	643500.000	23.722	14.110	53.435
39979.453	50479.219	33.044	34325.871	25.013
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39975.051	50445.855	33.022	34303.184	25.016
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3/22/2016 11:15:00 PM	645300.000	23.741	14.160	53.479
39992.773	50435.012	33.016	34295.813	25.005
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3/22/2016 11:30:00 PM	646200.000	23.753	14.193	53.506
40081.043	50506.207	33.071	34344.223	24.949
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3/22/2016 11:45:00 PM	647100.000	23.762	14.220	53.527
40107.020	50505.535	33.073	34343.770	24.933
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3/23/2016 12:00:00 AM	648000.000	23.775	14.241	53.555
40093.441	50463.094	33.044	34314.902	24.942
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3/23/2016 12:15:00 AM	648900.000	23.776	14.255	53.558
40120.336	50480.000	33.057	34326.402	24.925
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3/23/2016 12:30:00 AM	649800.000	23.781	14.283	53.568
40145.871	50479.145	33.059	34325.820	24.909
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40154.141	50472.848	33.056	34321.535	24.904
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3/23/2016 1:00:00 AM	651600.000	23.805	14.309	53.623
40129.324	50425.941	33.022	34289.641	24.919
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3/23/2016 1:15:00 AM	652500.000	23.797	14.306	53.606
40170.973	50482.160	33.063	34327.875	24.894
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40175.582	50507.563	33.080	34345.145	24.891
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40152.906	50479.145	33.060	34325.820	24.905
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3/23/2016 2:00:00 AM	655200.000	23.792	14.257	53.595
40124.578	50483.504	33.060	34328.781	24.922

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3/23/2016 2:15:00 AM	656100.000	23.790	14.185	53.589
40102.203	50542.164	33.097	34368.676	24.936
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3/23/2016 2:30:00 AM	657000.000	23.792	14.161	53.593
40037.066	50490.113	33.056	34333.277	24.977
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3/23/2016 2:45:00 AM	657900.000	23.782	14.078	53.572
39973.008	50510.316	33.064	34347.016	25.017
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39925.523	50529.543	33.072	34360.094	25.047
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39848.086	50498.590	33.045	34339.047	25.095
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39818.430	50505.324	33.047	34343.625	25.114
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39796.402	50506.918	33.046	34344.703	25.128
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39817.063	50540.133	33.069	34367.289	25.115
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39798.805	50539.324	33.067	34366.746	25.126
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39757.137	50515.457	33.048	34350.512	25.153
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39749.652	50509.992	33.043	34346.797	25.157
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3/23/2016 5:00:00 AM	666000.000	23.673	13.828	53.326
39723.656	50500.000	33.034	34340.000	25.174
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3/23/2016 5:15:00 AM	666900.000	23.659	13.834	53.294
39738.555	50511.410	33.043	34347.758	25.164
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3/23/2016 5:30:00 AM	667800.000	23.650	13.823	53.273
39734.922	50519.691	33.048	34353.395	25.167
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3/23/2016 5:45:00 AM	668700.000	23.637	13.812	53.246
39756.059	50559.910	33.077	34380.742	25.153
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3/23/2016 6:00:00 AM	669600.000	23.620	13.811	53.207
39742.195	50544.250	33.065	34370.090	25.162
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3/23/2016 6:15:00 AM	670500.000	23.613	13.808	53.191
39727.105	50528.559	33.053	34359.426	25.172
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3/23/2016 6:30:00 AM	671400.000	23.607	13.807	53.177
39729.777	50533.379	33.057	34362.703	25.170
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39729.078	50531.938	33.056	34361.723	25.170

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3/23/2016 7:00:00 AM	673200.000	23.590	13.804	53.139
39724.113	50529.895	33.054	34360.328	25.174
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3/23/2016 7:15:00 AM	674100.000	23.581	13.799	53.117
39699.438	50504.297	33.035	34342.922	25.189
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3/23/2016 7:30:00 AM	675000.000	23.580	13.802	53.115
39748.156	50563.000	33.078	34382.844	25.158
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3/23/2016 7:45:00 AM	675900.000	23.575	13.819	53.104
39761.582	50558.289	33.076	34379.641	25.150
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3/23/2016 8:00:00 AM	676800.000	23.570	13.821	53.094
39742.898	50532.781	33.058	34362.293	25.162
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3/23/2016 8:15:00 AM	677700.000	23.578	13.823	53.111
39783.395	50581.973	33.094	34395.746	25.136
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3/23/2016 8:30:00 AM	678600.000	23.568	13.828	53.090
39750.879	50534.395	33.059	34363.387	25.157
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3/23/2016 8:45:00 AM	679500.000	23.557	13.826	53.064
39759.844	50548.191	33.069	34372.773	25.151
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3/23/2016 9:00:00 AM	680400.000	23.562	13.841	53.075
39762.781	50533.781	33.060	34362.977	25.149
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3/23/2016 9:15:00 AM	681300.000	23.567	13.850	53.088
39785.719	50551.008	33.074	34374.691	25.135
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3/23/2016 9:30:00 AM	682200.000	23.568	13.873	53.089
39814.195	50559.523	33.082	34380.477	25.117
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3/23/2016 9:45:00 AM	683100.000	23.571	13.891	53.096
39821.133	50545.953	33.074	34371.250	25.112
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3/23/2016 10:00:00 AM	684000.000	23.582	13.912	53.121
39865.031	50575.898	33.097	34391.609	25.085
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3/23/2016 10:15:00 AM	684900.000	23.591	13.947	53.140
39891.063	50566.477	33.093	34385.203	25.068
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3/23/2016 10:30:00 AM	685800.000	23.600	13.964	53.161
39890.973	50545.551	33.080	34370.980	25.068
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3/23/2016 10:45:00 AM	686700.000	23.612	14.006	53.188
39960.832	50581.848	33.110	34395.656	25.025
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3/23/2016 11:00:00 AM	687600.000	23.614	14.026	53.193
39963.746	50561.488	33.097	34381.813	25.023
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3/23/2016 11:15:00 AM	688500.000	23.627	14.059	53.222
39967.008	50524.969	33.073	34356.984	25.021
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3/23/2016 11:30:00 AM	689400.000	23.627	14.089	53.223
40037.684	50578.230	33.115	34393.195	24.976

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3/23/2016 11:45:00 AM	690300.000	23.645	14.103	53.263	
40027.313	50548.531	33.094	34373.000	24.983	
1.025					
3/23/2016 12:00:00 PM	691200.000	23.642	14.111	53.256	
40004.246	50509.434	33.066	34346.418	24.997	
1.025					
3/23/2016 12:15:00 PM	692100.000	23.658	14.124	53.292	
40061.453	50565.617	33.108	34384.625	24.962	
1.025					
3/23/2016 12:30:00 PM	693000.000	23.656	14.131	53.288	
40044.176	50535.676	33.087	34364.262	24.972	
1.025					
3/23/2016 12:45:00 PM	693900.000	23.664	14.147	53.305	
40081.305	50562.688	33.108	34382.629	24.949	
1.025					
3/23/2016 1:00:00 PM	694800.000	23.660	14.154	53.297	
40096.746	50573.066	33.116	34389.688	24.940	
1.025					
3/23/2016 1:15:00 PM	695700.000	23.682	14.155	53.345	
40069.152	50537.836	33.091	34365.730	24.957	
1.025					
3/23/2016 1:30:00 PM	696600.000	23.670	14.159	53.320	
40104.215	50576.652	33.120	34392.129	24.935	
1.025					
3/23/2016 1:45:00 PM	697500.000	23.672	14.138	53.323	
40067.512	50556.023	33.103	34378.098	24.958	
1.025					
3/23/2016 2:00:00 PM	698400.000	23.663	14.107	53.303	
40104.273	50639.855	33.161	34435.105	24.935	
1.025					
3/23/2016 2:15:00 PM	699300.000	23.659	14.079	53.295	
40031.301	50582.023	33.116	34395.777	24.980	
1.025					
3/23/2016 2:30:00 PM	700200.000	23.654	14.031	53.282	
39979.355	50575.461	33.107	34391.316	25.013	
1.025					
3/23/2016 2:45:00 PM	701100.000	23.649	13.995	53.273	
39946.051	50577.500	33.106	34392.699	25.034	
1.025					
3/23/2016 3:00:00 PM	702000.000	23.635	13.956	53.240	
39928.008	50602.164	33.120	34409.473	25.045	
1.025					
3/23/2016 3:15:00 PM	702900.000	23.624	13.926	53.215	
39935.715	50649.164	33.152	34441.438	25.040	
1.025					
3/23/2016 3:30:00 PM	703800.000	23.614	13.897	53.193	
39861.164	50589.008	33.106	34400.527	25.087	
1.025					
3/23/2016 3:45:00 PM	704700.000	23.600	13.872	53.160	
39854.918	50612.457	33.120	34416.473	25.091	
1.025					
3/23/2016 4:00:00 PM	705600.000	23.583	13.865	53.123	
39858.172	50625.336	33.129	34425.230	25.089	
1.025					
3/23/2016 4:15:00 PM	706500.000	23.577	13.864	53.110	
39843.922	50608.008	33.116	34413.449	25.098	

1.025				
3/23/2016 4:30:00 PM	707400.000	23.560	13.846	53.070
39813.551	50591.191	33.103	34402.012	25.117
1.025				
3/23/2016 4:45:00 PM	708300.000	23.538	13.844	53.022
39813.238	50594.188	33.104	34404.051	25.117
1.025				
3/23/2016 5:00:00 PM	709200.000	23.538	13.824	53.023
39798.055	50598.961	33.106	34407.297	25.127
1.025				
3/23/2016 5:15:00 PM	710100.000	23.524	13.814	52.990
39812.633	50630.320	33.128	34428.621	25.118
1.025				
3/23/2016 5:30:00 PM	711000.000	23.511	13.819	52.961
39817.094	50629.320	33.128	34427.941	25.115
1.025				
3/23/2016 5:45:00 PM	711900.000	23.500	13.807	52.936
39794.262	50615.617	33.117	34418.621	25.129
1.025				
3/23/2016 6:00:00 PM	712800.000	23.493	13.808	52.919
39818.906	50645.535	33.139	34438.965	25.114
1.025				
3/23/2016 6:15:00 PM	713700.000	23.483	13.784	52.897
39788.016	50635.754	33.129	34432.316	25.133
1.025				
3/23/2016 6:30:00 PM	714600.000	23.477	13.790	52.885
39809.980	50655.691	33.145	34445.875	25.119
1.025				
3/23/2016 6:45:00 PM	715500.000	23.472	13.784	52.874
39790.711	50638.297	33.131	34434.043	25.131
1.025				
3/23/2016 7:00:00 PM	716400.000	23.462	13.795	52.849
39804.359	50642.500	33.135	34436.902	25.123
1.025				
3/23/2016 7:15:00 PM	717300.000	23.454	13.791	52.832
39800.430	50642.992	33.135	34437.238	25.125
1.025				
3/23/2016 7:30:00 PM	718200.000	23.447	13.793	52.817
39786.516	50622.207	33.120	34423.102	25.134
1.025				
3/23/2016 7:45:00 PM	719100.000	23.441	13.783	52.804
39764.719	50606.543	33.108	34412.453	25.148
1.025				
3/23/2016 8:00:00 PM	720000.000	23.443	13.804	52.809
39788.418	50611.250	33.113	34415.648	25.133
1.025				
3/23/2016 8:15:00 PM	720900.000	23.438	13.806	52.796
39783.242	50602.262	33.107	34409.543	25.136
1.025				
3/23/2016 8:30:00 PM	721800.000	23.430	13.807	52.779
39825.250	50654.598	33.145	34445.125	25.110
1.025				
3/23/2016 8:45:00 PM	722700.000	23.435	13.822	52.789
39832.559	50645.684	33.140	34439.066	25.105
1.025				
3/23/2016 9:00:00 PM	723600.000	23.435	13.825	52.789
39841.191	50652.266	33.145	34443.543	25.100

1.025				
3/23/2016 9:15:00 PM	724500.000	23.435	13.840	52.790
39860.121	50657.609	33.150	34447.180	25.088
1.025				
3/23/2016 9:30:00 PM	725400.000	23.434	13.854	52.787
39834.227	50607.504	33.115	34413.105	25.104
1.025				
3/23/2016 9:45:00 PM	726300.000	23.444	13.865	52.809
39866.434	50635.504	33.137	34432.148	25.084
1.025				
3/23/2016 10:00:00 PM	727200.000	23.451	13.891	52.826
39886.738	50629.441	33.134	34428.020	25.071
1.025				
3/23/2016 10:15:00 PM	728100.000	23.458	13.918	52.842
39931.848	50653.770	33.155	34444.566	25.043
1.025				
3/23/2016 10:30:00 PM	729000.000	23.464	13.928	52.855
39912.297	50616.516	33.128	34419.230	25.055
1.025				
3/23/2016 10:45:00 PM	729900.000	23.469	13.955	52.867
39942.871	50622.320	33.135	34423.180	25.036
1.025				
3/23/2016 11:00:00 PM	730800.000	23.478	13.979	52.886
39969.402	50625.820	33.140	34425.559	25.019
1.025				
3/23/2016 11:15:00 PM	731700.000	23.487	13.999	52.906
39998.297	50638.426	33.151	34434.133	25.001
1.025				
3/23/2016 11:30:00 PM	732600.000	23.490	14.017	52.913
40024.543	50648.965	33.160	34441.301	24.985
1.025				
3/23/2016 11:45:00 PM	733500.000	23.506	14.045	52.949
40031.691	50624.473	33.144	34424.641	24.980
1.025				

Report Date: 3/24/2016 2:16:51 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-3D LT Test\_2016-03-24\_13-04-58-166-BaroMerge.wsl  
Create Date: 3/24/2016 2:13:42 PM

Device Properties:

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

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth  
Specific Gravity: 1.024

Other Log Settings

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

Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
3/9/2016 6:36:41 PM	Used Battery: 0% Used Memory: 3% User Name: KMakar
3/9/2016 6:37:49 PM	Sensor SN: 446752 Cache Timeout: 1000 User Name: KMakar
3/9/2016 6:37:54 PM	Device Taken Offline
3/9/2016 6:39:03 PM	Device Put Online
3/9/2016 6:39:04 PM	Sensor SN: 446752 Cache Timeout: 1750 User Name: KMakar
3/17/2016 5:02:59 PM	Log Download - Used Battery: 0% Used Memory: 3% User Name: SKuiper Interval - Start Time:
3/10/2016 9:00:00 AM	Stop Time: 3/17/2016 5:00:00 PM
3/24/2016 1:04:11 PM	Log Download - Used Battery: 1% Used Memory: 4% User Name: KMakar Interval - Start Time:
3/15/2016 12:00:00 PM	Stop Time: 3/24/2016 1:15:00 PM
3/24/2016 2:13:42 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-03-24_13-31-57-718.wsl"

Log Data:

Record Count: 869

Sensors: 2

1 - 446752: PCTD 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft
Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: Baro-Adj Calc	Sensor: PCTD(A) 197.3ft
SN#: 446752	SN#: 446752	SN#: 446752	SN#: 446752	SN#: 446752
SN#: 000000	SN#: 446752	SN#: 446752	SN#: 446752	SN#: 446752

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Temperature (C)	Corrected Depth (ft)	Actual Resistivity
Conductivity (µS) (ohm-cm)	Specific Conductivity (µS) Water Density (g/cm3)	Salinity (PSU) Barometric Pressure (PSI)		Total Dissolved Solids (ppt)	
3/17/2016 12:00:00 AM	129600.000	125.244	19.691	282.125	
41314.512	45976.148	30.108	31.264	24.205	
1.021	14.721				
3/17/2016 12:15:00 AM	130500.000	125.227	19.694	282.086	
41362.113	46026.988	30.145	31.298	24.177	
1.021	14.719				
3/17/2016 12:30:00 AM	131400.000	125.220	19.696	282.071	
41355.059	46016.668	30.138	31.291	24.181	
1.021	14.722				
3/17/2016 12:45:00 AM	132300.000	125.223	19.694	282.076	
41321.203	45981.121	30.112	31.267	24.201	
1.021	14.716				
3/17/2016 1:00:00 AM	133200.000	125.217	19.704	282.063	
41331.641	45982.855	30.114	31.268	24.195	
1.021	14.717				
3/17/2016 1:15:00 AM	134100.000	125.253	19.707	282.145	
41336.016	45984.914	30.115	31.270	24.192	
1.021	14.715				



3/17/2016 1:30:00 AM	135000.000	125.249	19.708	282.136
41319.375	45965.551	30.101	31.257	24.202
1.021	14.721			
3/17/2016 1:45:00 AM	135900.000	125.232	19.704	282.098
41358.668	46013.004	30.136	31.289	24.179
1.021	14.714			
3/17/2016 2:00:00 AM	136800.000	125.232	19.702	282.097
41353.965	46009.398	30.133	31.286	24.181
1.021	14.719			
3/17/2016 2:15:00 AM	137700.000	125.251	19.700	282.139
41327.395	45981.797	30.113	31.268	24.197
1.021	14.714			
3/17/2016 2:30:00 AM	138600.000	125.274	19.694	282.191
41354.180	46017.734	30.139	31.292	24.181
1.021	14.706			
3/17/2016 2:45:00 AM	139500.000	125.285	19.694	282.217
41343.367	46005.352	30.130	31.284	24.188
1.021	14.711			
3/17/2016 3:00:00 AM	140400.000	125.311	19.707	282.276
41313.930	45960.344	30.097	31.253	24.205
1.021	14.705			
3/17/2016 3:15:00 AM	141300.000	125.337	19.707	282.334
41352.766	46003.211	30.129	31.282	24.182
1.021	14.700			
3/17/2016 3:30:00 AM	142200.000	125.354	19.697	282.373
41305.660	45960.590	30.097	31.253	24.210
1.021	14.708			
3/17/2016 3:45:00 AM	143100.000	125.379	19.694	282.429
41349.496	46012.777	30.135	31.289	24.184
1.021	14.703			
3/17/2016 4:00:00 AM	144000.000	125.410	19.692	282.498
41318.203	45979.313	30.111	31.266	24.202
1.021	14.698			
3/17/2016 4:15:00 AM	144900.000	125.437	19.690	282.558
41316.668	45979.816	30.111	31.266	24.203
1.021	14.697			
3/17/2016 4:30:00 AM	145800.000	125.448	19.698	282.584
41333.016	45990.777	30.119	31.274	24.194
1.021	14.701			
3/17/2016 4:45:00 AM	146700.000	125.467	19.690	282.626
41340.164	46005.891	30.130	31.284	24.190
1.021	14.703			
3/17/2016 5:00:00 AM	147600.000	125.500	19.688	282.700
41341.902	46009.609	30.132	31.287	24.189
1.021	14.696			
3/17/2016 5:15:00 AM	148500.000	125.547	19.690	282.806
41323.609	45987.289	30.116	31.271	24.199
1.021	14.695			
3/17/2016 5:30:00 AM	149400.000	125.540	19.687	282.791
41322.867	45989.707	30.118	31.273	24.200
1.021	14.697			
3/17/2016 5:45:00 AM	150300.000	125.558	19.690	282.831
41349.191	46015.938	30.137	31.291	24.184
1.021	14.693			
3/17/2016 6:00:00 AM	151200.000	125.580	19.691	282.882
41348.738	46015.172	30.137	31.290	24.185
1.021	14.688			
3/17/2016 6:15:00 AM	152100.000	125.587	19.696	282.897

41339.332	45998.898	30.125	31.279	24.190
1.021	14.695			
3/17/2016 6:30:00 AM	153000.000	125.597	19.692	282.920
41320.160	45981.488	30.112	31.267	24.201
1.021	14.691			
3/17/2016 6:45:00 AM	153900.000	125.607	19.694	282.943
41367.195	46032.219	30.149	31.302	24.174
1.021	14.688			
3/17/2016 7:00:00 AM	154800.000	125.610	19.694	282.948
41347.270	46010.211	30.133	31.287	24.185
1.021	14.692			
3/17/2016 7:15:00 AM	155700.000	125.600	19.688	282.927
41336.820	46004.293	30.129	31.283	24.192
1.021	14.694			
3/17/2016 7:30:00 AM	156600.000	125.597	19.689	282.919
41312.754	45976.313	30.108	31.264	24.206
1.021	14.695			
3/17/2016 7:45:00 AM	157500.000	125.583	19.694	282.888
41325.156	45985.602	30.115	31.270	24.198
1.021	14.694			
3/17/2016 8:00:00 AM	158400.000	125.576	19.693	282.871
41341.402	46004.277	30.129	31.283	24.189
1.021	14.696			
3/17/2016 8:15:00 AM	159300.000	125.552	19.695	282.818
41320.020	45979.035	30.110	31.266	24.201
1.021	14.699			
3/17/2016 8:30:00 AM	160200.000	125.535	19.695	282.781
41313.152	45971.059	30.105	31.260	24.205
1.021	14.699			
3/17/2016 8:45:00 AM	161100.000	125.546	19.696	282.804
41348.277	46009.293	30.133	31.286	24.185
1.021	14.695			
3/17/2016 9:00:00 AM	162000.000	125.485	19.704	282.668
41348.305	46001.992	30.128	31.281	24.185
1.021	14.697			
3/17/2016 9:15:00 AM	162900.000	125.451	19.701	282.590
41333.352	45987.914	30.117	31.272	24.194
1.021	14.697			
3/17/2016 9:30:00 AM	163800.000	125.419	19.706	282.520
41346.770	45997.563	30.124	31.278	24.186
1.021	14.696			
3/17/2016 9:45:00 AM	164700.000	125.391	19.708	282.455
41351.965	46001.207	30.127	31.281	24.183
1.021	14.694			
3/17/2016 10:00:00 AM	165600.000	125.359	19.692	282.383
41345.602	46009.891	30.133	31.287	24.186
1.021	14.698			
3/17/2016 10:15:00 AM	166500.000	125.318	19.690	282.292
41362.250	46030.289	30.148	31.301	24.177
1.021	14.699			
3/17/2016 10:30:00 AM	167400.000	125.277	19.691	282.199
41332.512	45996.180	30.123	31.277	24.194
1.021	14.699			
3/17/2016 10:45:00 AM	168300.000	125.233	19.694	282.099
41319.863	45979.199	30.111	31.266	24.201
1.021	14.702			
3/17/2016 11:00:00 AM	169200.000	125.206	19.699	282.039
41341.793	45999.266	30.125	31.280	24.189

1.021	14.689			
3/17/2016 11:15:00 AM	170100.000	125.161	19.699	281.938
41337.430	45994.066	30.122	31.276	24.191
1.021	14.693			
3/17/2016 11:30:00 AM	171000.000	125.127	19.707	281.861
41358.027	46009.742	30.133	31.287	24.179
1.021	14.694			
3/17/2016 11:45:00 AM	171900.000	125.090	19.702	281.779
41316.223	45968.172	30.103	31.258	24.204
1.021	14.685			
3/17/2016 12:00:00 PM	172800.000	125.055	19.698	281.698
41338.574	45996.961	30.124	31.278	24.190
1.021	14.688			
3/17/2016 12:15:00 PM	173700.000	125.016	19.696	281.611
41324.711	45982.633	30.113	31.268	24.199
1.021	14.691			
3/17/2016 12:30:00 PM	174600.000	124.988	19.694	281.547
41340.613	46002.980	30.128	31.282	24.189
1.021	14.695			
3/17/2016 12:45:00 PM	175500.000	124.963	19.696	281.491
41360.098	46022.188	30.142	31.295	24.178
1.021	14.689			
3/17/2016 1:00:00 PM	176400.000	124.932	19.695	281.422
41327.609	45987.660	30.117	31.272	24.197
1.021	14.693			
3/17/2016 1:15:00 PM	177300.000	124.916	19.698	281.386
41342.387	46000.352	30.126	31.280	24.188
1.021	14.689			
3/17/2016 1:30:00 PM	178200.000	124.893	19.700	281.333
41357.555	46016.207	30.138	31.291	24.179
1.021	14.692			
3/17/2016 1:45:00 PM	179100.000	124.885	19.702	281.316
41337.000	45991.039	30.119	31.274	24.191
1.021	14.688			
3/17/2016 2:00:00 PM	180000.000	124.872	19.699	281.286
41369.125	46029.418	30.147	31.300	24.173
1.021	14.689			
3/17/2016 2:15:00 PM	180900.000	124.876	19.696	281.295
41345.492	46006.621	30.131	31.285	24.186
1.021	14.687			
3/17/2016 2:30:00 PM	181800.000	124.863	19.697	281.266
41371.395	46034.156	30.151	31.303	24.171
1.021	14.690			
3/17/2016 2:45:00 PM	182700.000	124.883	19.701	281.312
41338.320	45993.359	30.121	31.275	24.191
1.021	14.675			
3/17/2016 3:00:00 PM	183600.000	124.884	19.693	281.313
41323.676	45984.730	30.114	31.270	24.199
1.021	14.684			
3/17/2016 3:15:00 PM	184500.000	124.901	19.692	281.351
41329.789	45992.293	30.120	31.275	24.196
1.021	14.683			
3/17/2016 3:30:00 PM	185400.000	124.915	19.699	281.384
41354.719	46013.730	30.136	31.289	24.181
1.021	14.684			
3/17/2016 3:45:00 PM	186300.000	124.935	19.699	281.429
41344.500	46001.934	30.127	31.281	24.187
1.021	14.682			

3/17/2016 4:00:00 PM	187200.000	124.953	19.697	281.470
41357.828	46019.145	30.140	31.293	24.179
1.021	14.684			
3/17/2016 4:15:00 PM	188100.000	124.983	19.695	281.536
41332.242	45992.219	30.120	31.275	24.194
1.021	14.680			
3/17/2016 4:30:00 PM	189000.000	125.008	19.695	281.593
41351.645	46014.480	30.136	31.290	24.183
1.021	14.680			
3/17/2016 4:45:00 PM	189900.000	125.040	19.696	281.665
41352.984	46014.605	30.136	31.290	24.182
1.021	14.676			
3/17/2016 5:00:00 PM	190800.000	125.069	19.695	281.729
41354.730	46017.840	30.139	31.292	24.181
1.021	14.678			
3/17/2016 5:15:00 PM	191700.000	125.104	19.695	281.810
41311.348	45968.879	30.103	31.259	24.206
1.021	14.682			
3/17/2016 5:30:00 PM	192600.000	125.135	19.695	281.879
41340.691	46002.039	30.127	31.281	24.189
1.021	14.684			
3/17/2016 5:45:00 PM	193500.000	125.168	19.698	281.953
41346.586	46005.289	30.130	31.284	24.186
1.021	14.681			
3/17/2016 6:00:00 PM	194400.000	125.213	19.689	282.054
41321.066	45985.563	30.115	31.270	24.201
1.021	14.678			
3/17/2016 6:15:00 PM	195300.000	125.271	19.692	282.184
41350.980	46016.480	30.138	31.291	24.183
1.021	14.687			
3/17/2016 6:30:00 PM	196200.000	125.266	19.693	282.174
41320.105	45981.273	30.112	31.267	24.201
1.021	14.686			
3/17/2016 6:45:00 PM	197100.000	125.301	19.690	282.253
41356.484	46023.961	30.143	31.296	24.180
1.021	14.687			
3/17/2016 7:00:00 PM	198000.000	125.326	19.689	282.309
41368.699	46039.168	30.154	31.307	24.173
1.021	14.694			
3/17/2016 7:15:00 PM	198900.000	125.356	19.688	282.377
41347.211	46015.770	30.137	31.291	24.185
1.021	14.690			
3/17/2016 7:30:00 PM	199800.000	125.377	19.685	282.425
41330.910	46000.285	30.126	31.280	24.195
1.021	14.693			
3/17/2016 7:45:00 PM	200700.000	125.398	19.690	282.472
41341.941	46008.039	30.131	31.285	24.189
1.021	14.692			
3/17/2016 8:00:00 PM	201600.000	125.411	19.698	282.500
41347.582	46006.297	30.130	31.284	24.185
1.021	14.703			
3/17/2016 8:15:00 PM	202500.000	125.421	19.697	282.523
41344.957	46005.086	30.130	31.283	24.187
1.021	14.701			
3/17/2016 8:30:00 PM	203400.000	125.435	19.697	282.555
41359.676	46020.953	30.141	31.294	24.178
1.021	14.699			
3/17/2016 8:45:00 PM	204300.000	125.435	19.691	282.555

41363.563	46031.070	30.148	31.301	24.176
1.021	14.710			
3/17/2016 9:00:00 PM	205200.000	125.445	19.694	282.578
41338.023	46000.008	30.126	31.280	24.191
1.021	14.704			
3/17/2016 9:15:00 PM	206100.000	125.441	19.702	282.567
41373.363	46030.980	30.149	31.301	24.170
1.021	14.703			
3/17/2016 9:30:00 PM	207000.000	125.434	19.698	282.553
41361.918	46022.086	30.142	31.295	24.177
1.021	14.707			
3/17/2016 9:45:00 PM	207900.000	125.429	19.699	282.542
41343.676	46001.617	30.127	31.281	24.187
1.021	14.709			
3/17/2016 10:00:00 PM	208800.000	125.418	19.692	282.517
41355.113	46021.156	30.141	31.294	24.181
1.021	14.712			
3/17/2016 10:15:00 PM	209700.000	125.413	19.689	282.506
41339.789	46006.324	30.130	31.284	24.190
1.021	14.707			
3/17/2016 10:30:00 PM	210600.000	125.399	19.692	282.474
41338.703	46002.559	30.127	31.282	24.190
1.021	14.710			
3/17/2016 10:45:00 PM	211500.000	125.377	19.682	282.424
41298.605	45968.148	30.102	31.258	24.214
1.021	14.715			
3/17/2016 11:00:00 PM	212400.000	125.370	19.681	282.408
41325.328	45998.742	30.124	31.279	24.198
1.021	14.713			
3/17/2016 11:15:00 PM	213300.000	125.345	19.689	282.351
41352.914	46021.184	30.141	31.294	24.182
1.021	14.710			
3/17/2016 11:30:00 PM	214200.000	125.328	19.694	282.314
41337.258	45999.156	30.125	31.279	24.191
1.021	14.710			
3/17/2016 11:45:00 PM	215100.000	125.301	19.702	282.254
41342.855	45996.957	30.124	31.278	24.188
1.021	14.712			
3/18/2016 12:00:00 AM	216000.000	125.283	19.693	282.213
41335.227	45997.836	30.124	31.279	24.192
1.021	14.714			
3/18/2016 12:15:00 AM	216900.000	125.272	19.689	282.188
41366.504	46036.824	30.152	31.305	24.174
1.021	14.712			
3/18/2016 12:30:00 AM	217800.000	125.252	19.690	282.141
41348.496	46014.984	30.136	31.290	24.185
1.021	14.708			
3/18/2016 12:45:00 AM	218700.000	125.243	19.702	282.121
41353.871	46009.297	30.133	31.286	24.182
1.021	14.707			
3/18/2016 1:00:00 AM	219600.000	125.227	19.708	282.087
41389.340	46043.047	30.158	31.309	24.161
1.021	14.705			
3/18/2016 1:15:00 AM	220500.000	125.210	19.707	282.047
41356.781	46008.191	30.132	31.286	24.180
1.021	14.709			
3/18/2016 1:30:00 AM	221400.000	125.232	19.698	282.096
41361.953	46022.547	30.142	31.295	24.177

1.021	14.708			
3/18/2016 1:45:00 AM	222300.000	125.195	19.696	282.014
41367.582	46031.203	30.149	31.301	24.174
1.021	14.705			
3/18/2016 2:00:00 AM	223200.000	125.193	19.697	282.008
41376.066	46039.355	30.155	31.307	24.169
1.021	14.709			
3/18/2016 2:15:00 AM	224100.000	125.193	19.693	282.009
41394.297	46063.391	30.172	31.323	24.158
1.021	14.710			
3/18/2016 2:30:00 AM	225000.000	125.208	19.694	282.043
41344.266	46007.043	30.131	31.285	24.187
1.021	14.703			
3/18/2016 2:45:00 AM	225900.000	125.213	19.694	282.054
41361.563	46025.695	30.144	31.297	24.177
1.021	14.706			
3/18/2016 3:00:00 AM	226800.000	125.216	19.693	282.062
41343.359	46007.148	30.131	31.285	24.188
1.021	14.705			
3/18/2016 3:15:00 AM	227700.000	125.231	19.691	282.095
41355.340	46022.348	30.142	31.295	24.181
1.021	14.704			
3/18/2016 3:30:00 AM	228600.000	125.243	19.685	282.123
41362.496	46035.598	30.151	31.304	24.176
1.021	14.705			
3/18/2016 3:45:00 AM	229500.000	125.268	19.693	282.179
41349.238	46012.996	30.135	31.289	24.184
1.021	14.703			
3/18/2016 4:00:00 AM	230400.000	125.289	19.686	282.225
41360.379	46032.902	30.149	31.302	24.178
1.021	14.697			
3/18/2016 4:15:00 AM	231300.000	125.307	19.692	282.266
41358.324	46024.047	30.143	31.296	24.179
1.021	14.702			
3/18/2016 4:30:00 AM	232200.000	125.368	19.701	282.403
41357.219	46014.723	30.137	31.290	24.180
1.021	14.696			
3/18/2016 4:45:00 AM	233100.000	125.383	19.709	282.437
41362.309	46012.379	30.135	31.288	24.177
1.021	14.704			
3/18/2016 5:00:00 AM	234000.000	125.389	19.703	282.452
41400.688	46061.121	30.171	31.322	24.154
1.021	14.694			
3/18/2016 5:15:00 AM	234900.000	125.438	19.696	282.561
41345.066	46005.637	30.130	31.284	24.187
1.021	14.713			
3/18/2016 5:30:00 AM	235800.000	125.443	19.696	282.572
41371.262	46035.367	30.152	31.304	24.171
1.021	14.700			
3/18/2016 5:45:00 AM	236700.000	125.462	19.694	282.615
41407.477	46076.871	30.182	31.332	24.150
1.021	14.706			
3/18/2016 6:00:00 AM	237600.000	125.496	19.687	282.692
41334.266	46002.902	30.127	31.282	24.193
1.021	14.709			
3/18/2016 6:15:00 AM	238500.000	125.518	19.688	282.741
41363.910	46034.777	30.151	31.304	24.176
1.021	14.712			

3/18/2016 6:30:00 AM	239400.000	125.530	19.689	282.768
41352.352	46020.895	30.141	31.294	24.182
1.021	14.714			
3/18/2016 6:45:00 AM	240300.000	125.552	19.690	282.817
41377.301	46047.727	30.160	31.312	24.168
1.021	14.714			
3/18/2016 7:00:00 AM	241200.000	125.572	19.686	282.864
41360.590	46033.223	30.150	31.303	24.178
1.021	14.715			
3/18/2016 7:15:00 AM	242100.000	125.580	19.694	282.882
41361.137	46025.816	30.145	31.298	24.177
1.021	14.717			
3/18/2016 7:30:00 AM	243000.000	125.583	19.692	282.888
41326.508	45988.641	30.117	31.272	24.198
1.021	14.725			
3/18/2016 7:45:00 AM	243900.000	125.601	19.692	282.929
41340.430	46004.047	30.129	31.283	24.189
1.021	14.719			
3/18/2016 8:00:00 AM	244800.000	125.606	19.693	282.939
41372.309	46038.668	30.154	31.306	24.171
1.021	14.720			
3/18/2016 8:15:00 AM	245700.000	125.598	19.705	282.921
41362.332	46016.410	30.138	31.291	24.177
1.021	14.720			
3/18/2016 8:30:00 AM	246600.000	125.599	19.696	282.923
41382.367	46047.652	30.161	31.312	24.165
1.021	14.721			
3/18/2016 8:45:00 AM	247500.000	125.579	19.694	282.878
41374.512	46040.441	30.155	31.308	24.169
1.021	14.733			
3/18/2016 9:00:00 AM	248400.000	125.571	19.688	282.861
41373.582	46044.938	30.158	31.311	24.170
1.021	14.730			
3/18/2016 9:15:00 AM	249300.000	125.555	19.690	282.826
41345.566	46012.582	30.135	31.289	24.186
1.021	14.734			
3/18/2016 9:30:00 AM	250200.000	125.533	19.685	282.775
41345.059	46016.523	30.137	31.291	24.187
1.021	14.732			
3/18/2016 9:45:00 AM	251100.000	125.512	19.689	282.728
41360.895	46029.813	30.147	31.300	24.177
1.021	14.733			
3/18/2016 10:00:00 AM	252000.000	125.484	19.688	282.665
41349.852	46018.973	30.139	31.293	24.184
1.021	14.735			
3/18/2016 10:15:00 AM	252900.000	125.441	19.693	282.567
41360.508	46025.535	30.144	31.297	24.178
1.021	14.744			
3/18/2016 10:30:00 AM	253800.000	125.414	19.696	282.507
41351.707	46013.109	30.135	31.289	24.183
1.021	14.739			
3/18/2016 10:45:00 AM	254700.000	125.374	19.691	282.417
41364.480	46032.176	30.149	31.302	24.175
1.021	14.746			
3/18/2016 11:00:00 AM	255600.000	125.339	19.694	282.338
41387.309	46054.852	30.166	31.317	24.162
1.021	14.740			
3/18/2016 11:15:00 AM	256500.000	125.300	19.695	282.250

41366.914	46031.473	30.149	31.301	24.174
1.021	14.739			
3/18/2016 11:30:00 AM	257400.000	125.256	19.704	282.151
41382.852	46039.672	30.155	31.307	24.165
1.021	14.745			
3/18/2016 11:45:00 AM	258300.000	125.214	19.706	282.057
41355.574	46007.699	30.132	31.285	24.181
1.021	14.748			
3/18/2016 12:00:00 PM	259200.000	125.170	19.707	281.957
41371.941	46024.805	30.144	31.297	24.171
1.021	14.751			
3/18/2016 12:15:00 PM	260100.000	125.132	19.692	281.872
41376.629	46044.328	30.158	31.310	24.168
1.021	14.749			
3/18/2016 12:30:00 PM	261000.000	125.096	19.689	281.791
41356.016	46025.148	30.144	31.297	24.180
1.021	14.748			
3/18/2016 12:45:00 PM	261900.000	125.054	19.689	281.697
41356.480	46024.898	30.144	31.297	24.180
1.021	14.753			
3/18/2016 1:00:00 PM	262800.000	125.021	19.690	281.622
41367.219	46036.590	30.152	31.305	24.174
1.021	14.749			
3/18/2016 1:15:00 PM	263700.000	124.986	19.695	281.544
41352.398	46014.469	30.136	31.290	24.182
1.021	14.742			
3/18/2016 1:30:00 PM	264600.000	124.953	19.701	281.469
41383.789	46043.949	30.158	31.310	24.164
1.021	14.746			
3/18/2016 1:45:00 PM	265500.000	124.922	19.707	281.398
41375.020	46027.969	30.147	31.299	24.169
1.021	14.745			
3/18/2016 2:00:00 PM	266400.000	124.906	19.701	281.363
41361.762	46019.695	30.140	31.293	24.177
1.021	14.734			
3/18/2016 2:15:00 PM	267300.000	124.884	19.697	281.312
41376.957	46040.094	30.155	31.307	24.168
1.021	14.739			
3/18/2016 2:30:00 PM	268200.000	124.866	19.696	281.273
41369.750	46033.531	30.150	31.303	24.172
1.021	14.737			
3/18/2016 2:45:00 PM	269100.000	124.852	19.705	281.242
41391.238	46048.137	30.161	31.313	24.160
1.021	14.735			
3/18/2016 3:00:00 PM	270000.000	124.848	19.712	281.232
41381.352	46030.750	30.149	31.301	24.165
1.021	14.731			
3/18/2016 3:15:00 PM	270900.000	124.849	19.710	281.234
41395.914	46049.086	30.162	31.313	24.157
1.021	14.726			
3/18/2016 3:30:00 PM	271800.000	124.857	19.702	281.252
41396.598	46057.684	30.168	31.319	24.157
1.021	14.726			
3/18/2016 3:45:00 PM	272700.000	124.856	19.708	281.251
41409.316	46065.957	30.174	31.325	24.149
1.021	14.725			
3/18/2016 4:00:00 PM	273600.000	124.869	19.706	281.280
41377.852	46032.313	30.150	31.302	24.168



1.021	14.722			
3/18/2016 4:15:00 PM	274500.000	124.882	19.704	281.309
41362.508	46017.121	30.139	31.292	24.176
1.021	14.726			
3/18/2016 4:30:00 PM	275400.000	124.898	19.702	281.345
41392.191	46051.930	30.164	31.315	24.159
1.021	14.731			
3/18/2016 4:45:00 PM	276300.000	124.932	19.697	281.421
41404.996	46071.383	30.178	31.329	24.152
1.021	14.720			
3/18/2016 5:00:00 PM	277200.000	124.952	19.694	281.467
41376.492	46042.727	30.157	31.309	24.168
1.021	14.728			
3/18/2016 5:15:00 PM	278100.000	124.984	19.706	281.539
41383.898	46039.039	30.155	31.307	24.164
1.021	14.722			
3/18/2016 5:30:00 PM	279000.000	125.005	19.703	281.587
41393.250	46052.340	30.164	31.316	24.159
1.021	14.732			
3/18/2016 5:45:00 PM	279900.000	125.054	19.693	281.695
41375.863	46043.395	30.157	31.310	24.169
1.021	14.723			
3/18/2016 6:00:00 PM	280800.000	125.087	19.698	281.770
41387.809	46051.742	30.164	31.315	24.162
1.021	14.725			
3/18/2016 6:15:00 PM	281700.000	125.115	19.705	281.834
41395.863	46053.281	30.165	31.316	24.157
1.021	14.729			
3/18/2016 6:30:00 PM	282600.000	125.151	19.704	281.915
41373.223	46029.117	30.147	31.300	24.170
1.021	14.733			
3/18/2016 6:45:00 PM	283500.000	125.189	19.694	282.001
41363.836	46028.563	30.147	31.299	24.176
1.021	14.732			
3/18/2016 7:00:00 PM	284400.000	125.228	19.690	282.089
41355.379	46022.730	30.142	31.295	24.181
1.021	14.729			
3/18/2016 7:15:00 PM	285300.000	125.257	19.691	282.153
41385.602	46056.113	30.167	31.318	24.163
1.021	14.730			
3/18/2016 7:30:00 PM	286200.000	125.279	19.694	282.203
41368.215	46033.000	30.150	31.302	24.173
1.021	14.735			
3/18/2016 7:45:00 PM	287100.000	125.314	19.695	282.282
41402.887	46071.164	30.178	31.328	24.153
1.021	14.738			
3/18/2016 8:00:00 PM	288000.000	125.347	19.690	282.356
41378.941	46049.453	30.162	31.314	24.167
1.021	14.733			
3/18/2016 8:15:00 PM	288900.000	125.361	19.689	282.389
41387.176	46059.223	30.169	31.320	24.162
1.021	14.740			
3/18/2016 8:30:00 PM	289800.000	125.387	19.694	282.447
41400.367	46069.215	30.176	31.327	24.154
1.021	14.736			
3/18/2016 8:45:00 PM	290700.000	125.404	19.696	282.485
41390.898	46056.637	30.167	31.319	24.160
1.021	14.735			

3/18/2016 9:00:00 PM	291600.000	125.411	19.703	282.500
41361.477	46017.160	30.139	31.292	24.177
1.021	14.743			
3/18/2016 9:15:00 PM	292500.000	125.426	19.697	282.533
41390.645	46055.152	30.166	31.318	24.160
1.021	14.741			
3/18/2016 9:30:00 PM	293400.000	125.428	19.690	282.539
41399.891	46072.359	30.178	31.329	24.155
1.021	14.741			
3/18/2016 9:45:00 PM	294300.000	125.429	19.695	282.542
41388.215	46054.320	30.165	31.317	24.161
1.021	14.743			
3/18/2016 10:00:00 PM	295200.000	125.425	19.685	282.533
41381.555	46057.145	30.167	31.319	24.165
1.021	14.745			
3/18/2016 10:15:00 PM	296100.000	125.422	19.682	282.525
41379.723	46058.184	30.168	31.320	24.166
1.021	14.747			
3/18/2016 10:30:00 PM	297000.000	125.415	19.684	282.509
41381.203	46057.863	30.167	31.319	24.166
1.021	14.749			
3/18/2016 10:45:00 PM	297900.000	125.402	19.684	282.481
41358.715	46032.500	30.149	31.302	24.179
1.021	14.743			
3/18/2016 11:00:00 PM	298800.000	125.382	19.683	282.435
41357.953	46032.758	30.149	31.302	24.179
1.021	14.746			
3/18/2016 11:15:00 PM	299700.000	125.370	19.687	282.408
41396.012	46071.270	30.177	31.328	24.157
1.021	14.741			
3/18/2016 11:30:00 PM	300600.000	125.351	19.689	282.366
41416.078	46091.301	30.192	31.342	24.145
1.021	14.742			
3/18/2016 11:45:00 PM	301500.000	125.325	19.689	282.306
41375.473	46046.289	30.159	31.311	24.169
1.021	14.743			
3/19/2016 12:00:00 AM	302400.000	125.307	19.689	282.266
41380.246	46051.348	30.163	31.315	24.166
1.021	14.741			
3/19/2016 12:15:00 AM	303300.000	125.281	19.692	282.207
41375.582	46043.418	30.157	31.310	24.169
1.021	14.743			
3/19/2016 12:30:00 AM	304200.000	125.249	19.691	282.135
41388.820	46059.352	30.169	31.320	24.161
1.021	14.747			
3/19/2016 12:45:00 AM	305100.000	125.225	19.701	282.081
41392.121	46053.637	30.165	31.316	24.159
1.021	14.748			
3/19/2016 1:00:00 AM	306000.000	125.204	19.700	282.033
41412.305	46076.945	30.182	31.332	24.147
1.021	14.746			
3/19/2016 1:15:00 AM	306900.000	125.179	19.700	281.978
41385.961	46047.125	30.160	31.312	24.163
1.021	14.748			
3/19/2016 1:30:00 AM	307800.000	125.192	19.701	282.007
41412.930	46076.371	30.182	31.332	24.147
1.021	14.749			
3/19/2016 1:45:00 AM	308700.000	125.145	19.692	281.902

41364.531	46030.953	30.148	31.301	24.175
1.021	14.748			
3/19/2016 2:00:00 AM	309600.000	125.131	19.699	281.870
41384.961	46047.035	30.160	31.312	24.163
1.021	14.744			
3/19/2016 2:15:00 AM	310500.000	125.115	19.695	281.833
41387.363	46054.227	30.165	31.317	24.162
1.021	14.746			
3/19/2016 2:30:00 AM	311400.000	125.101	19.694	281.801
41382.375	46048.855	30.161	31.313	24.165
1.021	14.749			
3/19/2016 2:45:00 AM	312300.000	125.097	19.692	281.793
41408.723	46080.297	30.184	31.335	24.150
1.021	14.741			
3/19/2016 3:00:00 AM	313200.000	125.092	19.693	281.781
41359.195	46024.594	30.144	31.297	24.178
1.021	14.742			
3/19/2016 3:15:00 AM	314100.000	125.083	19.700	281.762
41400.891	46064.090	30.173	31.324	24.154
1.021	14.748			
3/19/2016 3:30:00 AM	315000.000	125.085	19.700	281.767
41379.938	46041.109	30.156	31.308	24.166
1.021	14.745			
3/19/2016 3:45:00 AM	315900.000	125.088	19.700	281.772
41378.160	46038.281	30.154	31.306	24.167
1.021	14.749			
3/19/2016 4:00:00 AM	316800.000	125.103	19.712	281.807
41401.445	46053.102	30.165	31.316	24.154
1.021	14.742			
3/19/2016 4:15:00 AM	317700.000	125.115	19.711	281.834
41417.875	46072.402	30.179	31.329	24.144
1.021	14.746			
3/19/2016 4:30:00 AM	318600.000	125.131	19.710	281.870
41414.961	46070.273	30.178	31.328	24.146
1.021	14.750			
3/19/2016 4:45:00 AM	319500.000	125.152	19.701	281.916
41386.520	46047.156	30.160	31.312	24.162
1.021	14.743			
3/19/2016 5:00:00 AM	320400.000	125.175	19.697	281.969
41399.242	46064.629	30.173	31.324	24.155
1.021	14.745			
3/19/2016 5:15:00 AM	321300.000	125.198	19.706	282.021
41399.488	46056.383	30.167	31.318	24.155
1.021	14.747			
3/19/2016 5:30:00 AM	322200.000	125.224	19.709	282.078
41375.133	46026.305	30.146	31.298	24.169
1.021	14.749			
3/19/2016 5:45:00 AM	323100.000	125.252	19.712	282.141
41429.109	46083.277	30.187	31.337	24.138
1.021	14.745			
3/19/2016 6:00:00 AM	324000.000	125.286	19.706	282.218
41405.766	46063.957	30.173	31.323	24.151
1.021	14.748			
3/19/2016 6:15:00 AM	324900.000	125.308	19.706	282.269
41428.453	46088.523	30.191	31.340	24.138
1.021	14.757			
3/19/2016 6:30:00 AM	325800.000	125.333	19.697	282.326
41407.887	46074.598	30.180	31.331	24.150

1.021	14.755			
3/19/2016 6:45:00 AM	326700.000	125.373	19.697	282.415
41401.996	46068.125	30.176	31.326	24.153
1.021	14.752			
3/19/2016 7:00:00 AM	327600.000	125.400	19.704	282.475
41397.199	46056.391	30.167	31.318	24.156
1.021	14.749			
3/19/2016 7:15:00 AM	328500.000	125.419	19.705	282.519
41398.707	46057.043	30.168	31.319	24.155
1.021	14.755			
3/19/2016 7:30:00 AM	329400.000	125.440	19.705	282.567
41430.645	46092.238	30.194	31.343	24.137
1.021	14.754			
3/19/2016 7:45:00 AM	330300.000	125.457	19.706	282.604
41410.715	46068.871	30.176	31.327	24.148
1.021	14.764			
3/19/2016 8:00:00 AM	331200.000	125.476	19.696	282.646
41394.637	46061.133	30.170	31.322	24.158
1.021	14.764			
3/19/2016 8:15:00 AM	332100.000	125.501	19.695	282.703
41378.602	46043.715	30.158	31.310	24.167
1.021	14.760			
3/19/2016 8:30:00 AM	333000.000	125.504	19.689	282.710
41385.355	46057.031	30.167	31.319	24.163
1.021	14.762			
3/19/2016 8:45:00 AM	333900.000	125.517	19.685	282.740
41411.223	46090.004	30.191	31.341	24.148
1.021	14.762			
3/19/2016 9:00:00 AM	334800.000	125.507	19.696	282.717
41388.535	46054.344	30.165	31.317	24.161
1.021	14.768			
3/19/2016 9:15:00 AM	335700.000	125.509	19.707	282.722
41428.551	46087.602	30.190	31.340	24.138
1.021	14.763			
3/19/2016 9:30:00 AM	336600.000	125.492	19.707	282.684
41417.629	46075.707	30.182	31.331	24.144
1.021	14.767			
3/19/2016 9:45:00 AM	337500.000	125.486	19.705	282.670
41419.289	46079.098	30.184	31.334	24.143
1.021	14.764			
3/19/2016 10:00:00 AM	338400.000	125.470	19.702	282.634
41422.242	46085.699	30.189	31.338	24.142
1.021	14.765			
3/19/2016 10:15:00 AM	339300.000	125.448	19.702	282.583
41420.012	46083.563	30.187	31.337	24.143
1.021	14.768			
3/19/2016 10:30:00 AM	340200.000	125.416	19.704	282.512
41375.453	46031.777	30.149	31.302	24.169
1.021	14.773			
3/19/2016 10:45:00 AM	341100.000	125.394	19.701	282.462
41405.820	46068.879	30.176	31.327	24.151
1.021	14.766			
3/19/2016 11:00:00 AM	342000.000	125.361	19.700	282.388
41377.203	46037.988	30.154	31.306	24.168
1.021	14.768			
3/19/2016 11:15:00 AM	342900.000	125.326	19.699	282.310
41444.758	46114.004	30.209	31.358	24.129
1.021	14.765			

3/19/2016 11:30:00 AM	343800.000	125.294	19.695	282.238
41397.555	46065.230	30.173	31.324	24.156
1.021	14.766			
3/19/2016 11:45:00 AM	344700.000	125.251	19.698	282.140
41416.070	46082.762	30.186	31.336	24.145
1.021	14.767			
3/19/2016 12:00:00 PM	345600.000	125.237	19.699	282.109
41410.031	46074.773	30.181	31.331	24.149
1.021	14.767			
3/19/2016 12:15:00 PM	346500.000	125.168	19.696	281.953
41427.535	46097.563	30.197	31.346	24.139
1.021	14.765			
3/19/2016 12:30:00 PM	347400.000	125.137	19.696	281.883
41413.430	46081.867	30.186	31.336	24.147
1.021	14.764			
3/19/2016 12:45:00 PM	348300.000	125.094	19.700	281.786
41400.973	46064.516	30.173	31.324	24.154
1.021	14.760			
3/19/2016 1:00:00 PM	349200.000	125.056	19.698	281.701
41403.703	46069.340	30.176	31.327	24.152
1.021	14.767			
3/19/2016 1:15:00 PM	350100.000	125.006	19.699	281.588
41439.117	46107.809	30.205	31.353	24.132
1.021	14.766			
3/19/2016 1:30:00 PM	351000.000	124.966	19.696	281.498
41403.609	46070.602	30.177	31.328	24.152
1.021	14.769			
3/19/2016 1:45:00 PM	351900.000	124.933	19.696	281.424
41435.965	46106.426	30.203	31.352	24.134
1.021	14.766			
3/19/2016 2:00:00 PM	352800.000	124.899	19.696	281.348
41446.301	46118.367	30.212	31.360	24.128
1.021	14.764			
3/19/2016 2:15:00 PM	353700.000	124.855	19.699	281.247
41430.750	46098.578	30.198	31.347	24.137
1.021	14.767			
3/19/2016 2:30:00 PM	354600.000	124.838	19.701	281.209
41438.246	46104.105	30.202	31.351	24.132
1.021	14.762			
3/19/2016 2:45:00 PM	355500.000	124.811	19.706	281.149
41430.488	46090.953	30.193	31.342	24.137
1.021	14.759			
3/19/2016 3:00:00 PM	356400.000	124.790	19.706	281.103
41422.590	46082.516	30.186	31.336	24.141
1.021	14.763			
3/19/2016 3:15:00 PM	357300.000	124.774	19.702	281.066
41394.715	46054.828	30.166	31.317	24.158
1.021	14.754			
3/19/2016 3:30:00 PM	358200.000	124.767	19.703	281.051
41413.164	46075.004	30.181	31.331	24.147
1.021	14.751			
3/19/2016 3:45:00 PM	359100.000	124.755	19.704	281.022
41395.734	46054.004	30.166	31.317	24.157
1.021	14.750			
3/19/2016 4:00:00 PM	360000.000	124.754	19.697	281.020
41416.078	46083.625	30.187	31.337	24.145
1.021	14.757			
3/19/2016 4:15:00 PM	360900.000	124.755	19.692	281.023

41399.559	46070.539	30.177	31.328	24.155
1.021	14.752			
3/19/2016 4:30:00 PM	361800.000	124.770	19.695	281.056
41418.473	46088.082	30.190	31.340	24.144
1.021	14.751			
3/19/2016 4:45:00 PM	362700.000	124.788	19.697	281.098
41385.945	46050.527	30.163	31.314	24.163
1.021	14.744			
3/19/2016 5:00:00 PM	363600.000	124.793	19.704	281.109
41425.758	46087.406	30.190	31.339	24.140
1.021	14.748			
3/19/2016 5:15:00 PM	364500.000	124.813	19.705	281.154
41415.148	46074.574	30.181	31.331	24.146
1.021	14.746			
3/19/2016 5:30:00 PM	365400.000	124.832	19.694	281.196
41380.586	46046.949	30.160	31.312	24.166
1.021	14.750			
3/19/2016 5:45:00 PM	366300.000	124.863	19.701	281.266
41430.781	46095.969	30.196	31.345	24.137
1.021	14.748			
3/19/2016 6:00:00 PM	367200.000	124.891	19.708	281.329
41395.777	46050.461	30.163	31.314	24.157
1.021	14.743			
3/19/2016 6:15:00 PM	368100.000	124.915	19.712	281.383
41401.945	46053.836	30.166	31.317	24.153
1.021	14.745			
3/19/2016 6:30:00 PM	369000.000	124.954	19.713	281.471
41429.836	46083.750	30.188	31.337	24.137
1.021	14.745			
3/19/2016 6:45:00 PM	369900.000	124.993	19.705	281.558
41460.414	46125.527	30.218	31.365	24.119
1.021	14.747			
3/19/2016 7:00:00 PM	370800.000	125.024	19.694	281.628
41423.539	46094.660	30.195	31.344	24.141
1.021	14.745			
3/19/2016 7:15:00 PM	371700.000	125.058	19.695	281.705
41425.902	46096.773	30.196	31.346	24.139
1.021	14.743			
3/19/2016 7:30:00 PM	372600.000	125.102	19.698	281.804
41449.441	46119.469	30.213	31.361	24.126
1.021	14.741			
3/19/2016 7:45:00 PM	373500.000	125.132	19.700	281.873
41419.492	46085.121	30.188	31.338	24.143
1.021	14.743			
3/19/2016 8:00:00 PM	374400.000	125.159	19.696	281.932
41433.316	46104.418	30.202	31.351	24.135
1.021	14.750			
3/19/2016 8:15:00 PM	375300.000	125.195	19.704	282.014
41439.383	46102.723	30.201	31.350	24.132
1.021	14.751			
3/19/2016 8:30:00 PM	376200.000	125.235	19.698	282.103
41399.602	46064.953	30.173	31.324	24.155
1.021	14.746			
3/19/2016 8:45:00 PM	377100.000	125.250	19.699	282.139
41452.918	46122.828	30.216	31.364	24.124
1.021	14.753			
3/19/2016 9:00:00 PM	378000.000	125.273	19.698	282.190
41469.066	46141.305	30.229	31.376	24.114

1.021	14.752			
3/19/2016 9:15:00 PM	378900.000	125.291	19.697	282.230
41427.305	46096.289	30.196	31.345	24.139
1.021	14.758			
3/19/2016 9:30:00 PM	379800.000	125.308	19.702	282.269
41417.605	46080.387	30.185	31.335	24.144
1.021	14.759			
3/19/2016 9:45:00 PM	380700.000	125.316	19.707	282.287
41414.543	46072.195	30.179	31.329	24.146
1.021	14.761			
3/19/2016 10:00:00 PM	381600.000	125.323	19.708	282.303
41426.031	46083.602	30.187	31.337	24.139
1.021	14.759			
3/19/2016 10:15:00 PM	382500.000	125.324	19.708	282.304
41439.012	46098.641	30.198	31.347	24.132
1.021	14.759			
3/19/2016 10:30:00 PM	383400.000	125.333	19.704	282.325
41439.605	46103.570	30.202	31.350	24.132
1.021	14.759			
3/19/2016 10:45:00 PM	384300.000	125.325	19.701	282.308
41422.473	46087.406	30.190	31.339	24.141
1.021	14.754			
3/19/2016 11:00:00 PM	385200.000	125.305	19.701	282.262
41420.203	46084.465	30.188	31.337	24.143
1.021	14.766			
3/19/2016 11:15:00 PM	386100.000	125.291	19.697	282.230
41420.836	46089.090	30.191	31.341	24.142
1.021	14.764			
3/19/2016 11:30:00 PM	387000.000	125.277	19.693	282.199
41413.992	46085.055	30.188	31.338	24.146
1.021	14.764			
3/19/2016 11:45:00 PM	387900.000	125.257	19.699	282.153
41411.340	46076.305	30.182	31.332	24.148
1.021	14.767			
3/20/2016 12:00:00 AM	388800.000	125.242	19.699	282.119
41457.410	46128.242	30.220	31.367	24.121
1.021	14.765			
3/20/2016 12:15:00 AM	389700.000	125.219	19.707	282.069
41427.395	46086.656	30.190	31.339	24.139
1.021	14.763			
3/20/2016 12:30:00 AM	390600.000	125.186	19.701	281.993
41456.441	46124.602	30.217	31.365	24.122
1.021	14.768			
3/20/2016 12:45:00 AM	391500.000	125.168	19.696	281.952
41423.633	46093.145	30.194	31.343	24.141
1.021	14.764			
3/20/2016 1:00:00 AM	392400.000	125.136	19.698	281.881
41424.387	46092.352	30.193	31.343	24.140
1.021	14.768			
3/20/2016 1:15:00 AM	393300.000	125.111	19.696	281.824
41422.910	46092.766	30.193	31.343	24.141
1.021	14.765			
3/20/2016 1:30:00 AM	394200.000	125.082	19.695	281.760
41413.883	46083.738	30.187	31.337	24.146
1.021	14.764			
3/20/2016 1:45:00 AM	395100.000	125.067	19.689	281.727
41408.523	46083.668	30.187	31.337	24.150
1.021	14.765			

3/20/2016 2:00:00 AM	396000.000	125.035	19.689	281.654
41411.242	46086.613	30.189	31.339	24.148
1.021	14.770			
3/20/2016 2:15:00 AM	396900.000	125.013	19.689	281.604
41409.426	46084.590	30.187	31.338	24.149
1.021	14.767			
3/20/2016 2:30:00 AM	397800.000	124.993	19.693	281.560
41411.613	46083.102	30.186	31.337	24.148
1.021	14.770			
3/20/2016 2:45:00 AM	398700.000	124.968	19.689	281.503
41437.371	46115.348	30.210	31.358	24.133
1.021	14.775			
3/20/2016 3:00:00 AM	399600.000	124.956	19.695	281.476
41442.688	46115.633	30.210	31.359	24.130
1.021	14.767			
3/20/2016 3:15:00 AM	400500.000	124.928	19.703	281.412
41439.871	46104.641	30.202	31.351	24.131
1.021	14.773			
3/20/2016 3:30:00 AM	401400.000	124.932	19.697	281.421
41431.898	46101.227	30.200	31.349	24.136
1.021	14.765			
3/20/2016 3:45:00 AM	402300.000	124.923	19.701	281.400
41431.473	46097.172	30.197	31.346	24.136
1.021	14.763			
3/20/2016 4:00:00 AM	403200.000	124.929	19.695	281.414
41422.332	46093.066	30.194	31.343	24.142
1.021	14.758			
3/20/2016 4:15:00 AM	404100.000	124.937	19.696	281.432
41445.184	46117.625	30.212	31.360	24.128
1.021	14.762			
3/20/2016 4:30:00 AM	405000.000	124.938	19.694	281.435
41418.016	46088.770	30.191	31.340	24.144
1.021	14.763			
3/20/2016 4:45:00 AM	405900.000	124.944	19.697	281.449
41445.867	46116.770	30.211	31.359	24.128
1.021	14.766			
3/20/2016 5:00:00 AM	406800.000	124.969	19.697	281.505
41414.230	46081.820	30.186	31.336	24.146
1.021	14.758			
3/20/2016 5:15:00 AM	407700.000	124.990	19.691	281.552
41424.980	46099.164	30.198	31.347	24.140
1.021	14.758			
3/20/2016 5:30:00 AM	408600.000	124.998	19.703	281.570
41443.141	46108.195	30.205	31.354	24.129
1.021	14.762			
3/20/2016 5:45:00 AM	409500.000	125.018	19.709	281.614
41456.129	46116.746	30.212	31.359	24.122
1.021	14.767			
3/20/2016 6:00:00 AM	410400.000	125.050	19.706	281.687
41441.938	46104.195	30.202	31.351	24.130
1.021	14.765			
3/20/2016 6:15:00 AM	411300.000	125.092	19.693	281.782
41397.750	46067.160	30.175	31.326	24.156
1.021	14.762			
3/20/2016 6:30:00 AM	412200.000	125.121	19.693	281.847
41423.785	46095.867	30.196	31.345	24.141
1.021	14.759			
3/20/2016 6:45:00 AM	413100.000	125.144	19.693	281.899



41444.082	46118.453	30.212	31.361	24.129
1.021	14.766			
3/20/2016 7:00:00 AM	414000.000	125.180	19.699	281.980
41407.844	46073.012	30.179	31.330	24.150
1.021	14.767			
3/20/2016 7:15:00 AM	414900.000	125.207	19.697	282.041
41392.953	46058.230	30.168	31.320	24.159
1.021	14.766			
3/20/2016 7:30:00 AM	415800.000	125.240	19.691	282.116
41437.277	46113.531	30.208	31.357	24.133
1.021	14.761			
3/20/2016 7:45:00 AM	416700.000	125.270	19.693	282.184
41416.668	46087.949	30.190	31.340	24.145
1.021	14.762			
3/20/2016 8:00:00 AM	417600.000	125.286	19.694	282.219
41467.996	46144.387	30.231	31.378	24.115
1.021	14.771			
3/20/2016 8:15:00 AM	418500.000	125.310	19.694	282.273
41400.801	46070.039	30.177	31.328	24.154
1.021	14.769			
3/20/2016 8:30:00 AM	419400.000	125.331	19.692	282.321
41418.250	46090.996	30.192	31.342	24.144
1.021	14.769			
3/20/2016 8:45:00 AM	420300.000	125.351	19.692	282.366
41444.598	46120.219	30.213	31.362	24.129
1.021	14.770			
3/20/2016 9:00:00 AM	421200.000	125.371	19.686	282.411
41411.422	46089.113	30.190	31.341	24.148
1.021	14.772			
3/20/2016 9:15:00 AM	422100.000	125.379	19.690	282.429
41439.988	46117.574	30.211	31.360	24.131
1.021	14.772			
3/20/2016 9:30:00 AM	423000.000	125.389	19.700	282.451
41453.922	46122.574	30.215	31.363	24.123
1.021	14.767			
3/20/2016 9:45:00 AM	423900.000	125.385	19.692	282.442
41413.086	46084.988	30.188	31.338	24.147
1.021	14.771			
3/20/2016 10:00:00 AM	424800.000	125.385	19.690	282.442
41441.172	46118.117	30.212	31.360	24.131
1.021	14.773			
3/20/2016 10:15:00 AM	425700.000	125.386	19.694	282.444
41442.914	46116.816	30.211	31.359	24.130
1.021	14.767			
3/20/2016 10:30:00 AM	426600.000	125.362	19.702	282.390
41447.652	46113.551	30.209	31.357	24.127
1.021	14.773			
3/20/2016 10:45:00 AM	427500.000	125.337	19.702	282.334
41444.551	46110.949	30.207	31.355	24.129
1.021	14.774			
3/20/2016 11:00:00 AM	428400.000	125.325	19.700	282.306
41444.043	46111.922	30.208	31.356	24.129
1.021	14.770			
3/20/2016 11:15:00 AM	429300.000	125.301	19.707	282.253
41469.637	46133.988	30.224	31.371	24.114
1.021	14.767			
3/20/2016 11:30:00 AM	430200.000	125.269	19.712	282.181
41409.113	46061.809	30.172	31.322	24.149

1.021	14.773			
3/20/2016 11:45:00 AM	431100.000	125.239	19.700	282.114
41417.523	46082.414	30.186	31.336	24.144
1.021	14.770			
3/20/2016 12:00:00 PM	432000.000	125.206	19.699	282.038
41464.250	46135.102	30.225	31.372	24.117
1.021	14.769			
3/20/2016 12:15:00 PM	432900.000	125.168	19.696	281.953
41447.059	46119.711	30.213	31.361	24.127
1.021	14.775			
3/20/2016 12:30:00 PM	433800.000	125.133	19.699	281.875
41446.980	46116.477	30.211	31.359	24.127
1.021	14.774			
3/20/2016 12:45:00 PM	434700.000	125.116	19.699	281.837
41448.324	46117.383	30.212	31.360	24.126
1.021	14.778			
3/20/2016 1:00:00 PM	435600.000	125.037	19.708	281.658
41440.008	46099.664	30.199	31.348	24.131
1.021	14.781			
3/20/2016 1:15:00 PM	436500.000	124.998	19.700	281.571
41437.633	46104.617	30.202	31.351	24.133
1.021	14.773			
3/20/2016 1:30:00 PM	437400.000	124.961	19.701	281.486
41474.461	46145.004	30.232	31.379	24.111
1.021	14.773			
3/20/2016 1:45:00 PM	438300.000	124.927	19.701	281.410
41452.852	46120.609	30.214	31.362	24.124
1.021	14.771			
3/20/2016 2:00:00 PM	439200.000	124.877	19.693	281.299
41443.555	46117.789	30.212	31.360	24.129
1.021	14.771			
3/20/2016 2:15:00 PM	440100.000	124.845	19.695	281.226
41434.570	46105.902	30.203	31.352	24.134
1.021	14.764			
3/20/2016 2:30:00 PM	441000.000	124.808	19.697	281.142
41423.000	46091.664	30.193	31.342	24.141
1.021	14.771			
3/20/2016 2:45:00 PM	441900.000	124.782	19.700	281.083
41450.762	46119.578	30.213	31.361	24.125
1.021	14.766			
3/20/2016 3:00:00 PM	442800.000	124.744	19.709	280.998
41476.930	46139.887	30.228	31.375	24.110
1.021	14.766			
3/20/2016 3:15:00 PM	443700.000	124.729	19.701	280.965
41425.039	46089.410	30.191	31.341	24.140
1.021	14.763			
3/20/2016 3:30:00 PM	444600.000	124.705	19.706	280.911
41448.348	46111.074	30.207	31.356	24.126
1.021	14.764			
3/20/2016 3:45:00 PM	445500.000	124.682	19.703	280.859
41466.441	46134.277	30.224	31.371	24.116
1.021	14.771			
3/20/2016 4:00:00 PM	446400.000	124.678	19.697	280.849
41447.766	46118.621	30.212	31.361	24.127
1.021	14.760			
3/20/2016 4:15:00 PM	447300.000	124.668	19.706	280.828
41436.801	46097.977	30.198	31.347	24.133
1.021	14.764			

3/20/2016 4:30:00 PM	448200.000	124.695	19.708	280.887
41475.445	46138.750	30.228	31.374	24.111
1.021	14.760			
3/20/2016 4:45:00 PM	449100.000	124.654	19.704	280.794
41436.086	46098.719	30.198	31.347	24.134
1.021	14.770			
3/20/2016 5:00:00 PM	450000.000	124.665	19.695	280.820
41448.199	46121.250	30.214	31.362	24.127
1.021	14.767			
3/20/2016 5:15:00 PM	450900.000	124.679	19.696	280.851
41428.695	46098.605	30.198	31.347	24.138
1.021	14.768			
3/20/2016 5:30:00 PM	451800.000	124.694	19.701	280.885
41444.262	46111.051	30.207	31.356	24.129
1.021	14.763			
3/20/2016 5:45:00 PM	452700.000	124.711	19.709	280.924
41463.922	46125.680	30.218	31.365	24.117
1.021	14.761			
3/20/2016 6:00:00 PM	453600.000	124.735	19.709	280.978
41506.660	46173.223	30.253	31.398	24.093
1.021	14.763			
3/20/2016 6:15:00 PM	454500.000	124.760	19.704	281.034
41476.070	46143.973	30.231	31.378	24.110
1.021	14.764			
3/20/2016 6:30:00 PM	455400.000	124.794	19.696	281.110
41472.863	46148.426	30.234	31.381	24.112
1.021	14.767			
3/20/2016 6:45:00 PM	456300.000	124.828	19.693	281.188
41414.223	46085.563	30.188	31.338	24.146
1.021	14.769			
3/20/2016 7:00:00 PM	457200.000	124.862	19.703	281.265
41472.727	46141.113	30.229	31.376	24.112
1.021	14.769			
3/20/2016 7:15:00 PM	458100.000	124.894	19.709	281.336
41457.789	46118.676	30.213	31.361	24.121
1.021	14.774			
3/20/2016 7:30:00 PM	459000.000	124.933	19.708	281.423
41456.191	46117.414	30.212	31.360	24.122
1.021	14.768			
3/20/2016 7:45:00 PM	459900.000	124.970	19.707	281.507
41477.922	46142.359	30.230	31.377	24.109
1.021	14.768			
3/20/2016 8:00:00 PM	460800.000	125.040	19.713	281.664
41481.191	46140.535	30.229	31.376	24.107
1.021	14.770			
3/20/2016 8:15:00 PM	461700.000	125.043	19.711	281.671
41457.789	46116.465	30.211	31.359	24.121
1.021	14.775			
3/20/2016 8:30:00 PM	462600.000	125.069	19.712	281.731
41463.797	46122.125	30.216	31.363	24.117
1.021	14.784			
3/20/2016 8:45:00 PM	463500.000	125.143	19.713	281.896
41445.387	46100.352	30.200	31.348	24.128
1.021	14.774			
3/20/2016 9:00:00 PM	464400.000	125.175	19.707	281.969
41485.258	46151.281	30.237	31.383	24.105
1.021	14.776			
3/20/2016 9:15:00 PM	465300.000	125.175	19.699	281.969

41477.488	46150.422	30.236	31.382	24.109
1.021	14.775			
3/20/2016 9:30:00 PM	466200.000	125.204	19.691	282.035
41468.000	46147.121	30.233	31.380	24.115
1.021	14.771			
3/20/2016 9:45:00 PM	467100.000	125.232	19.693	282.097
41441.840	46116.738	30.211	31.359	24.130
1.021	14.767			
3/20/2016 10:00:00 PM	468000.000	125.242	19.696	282.119
41444.973	46116.719	30.211	31.359	24.128
1.021	14.773			
3/20/2016 10:15:00 PM	468900.000	125.257	19.694	282.154
41483.691	46162.359	30.244	31.390	24.106
1.021	14.774			
3/20/2016 10:30:00 PM	469800.000	125.261	19.695	282.162
41446.273	46119.781	30.213	31.361	24.128
1.021	14.776			
3/20/2016 10:45:00 PM	470700.000	125.263	19.699	282.166
41502.902	46178.012	30.256	31.401	24.095
1.021	14.779			
3/20/2016 11:00:00 PM	471600.000	125.264	19.699	282.169
41477.906	46150.535	30.236	31.382	24.109
1.021	14.779			
3/20/2016 11:15:00 PM	472500.000	125.290	19.699	282.228
41456.102	46126.789	30.218	31.366	24.122
1.021	14.781			
3/20/2016 11:30:00 PM	473400.000	125.248	19.696	282.132
41463.043	46137.070	30.226	31.373	24.118
1.021	14.782			
3/20/2016 11:45:00 PM	474300.000	125.233	19.692	282.099
41456.332	46133.203	30.223	31.371	24.122
1.021	14.782			
3/21/2016 12:00:00 AM	475200.000	125.223	19.701	282.076
41468.766	46138.402	30.227	31.374	24.115
1.021	14.779			
3/21/2016 12:15:00 AM	476100.000	125.199	19.700	282.023
41456.250	46125.078	30.217	31.365	24.122
1.021	14.775			
3/21/2016 12:30:00 AM	477000.000	125.180	19.694	281.980
41456.535	46131.977	30.222	31.370	24.122
1.021	14.777			
3/21/2016 12:45:00 AM	477900.000	125.194	19.697	282.012
41479.777	46154.418	30.239	31.385	24.108
1.021	14.768			
3/21/2016 1:00:00 AM	478800.000	125.125	19.700	281.856
41447.809	46116.363	30.211	31.359	24.127
1.021	14.780			
3/21/2016 1:15:00 AM	479700.000	125.108	19.696	281.819
41448.613	46121.285	30.214	31.362	24.126
1.021	14.774			
3/21/2016 1:30:00 AM	480600.000	125.078	19.702	281.751
41478.875	46148.973	30.235	31.381	24.109
1.021	14.778			
3/21/2016 1:45:00 AM	481500.000	125.052	19.699	281.692
41452.473	46122.332	30.215	31.363	24.124
1.021	14.781			
3/21/2016 2:00:00 AM	482400.000	125.006	19.706	281.589
41471.051	46136.512	30.226	31.373	24.113

1.021	14.787			
3/21/2016 2:15:00 AM	483300.000	124.991	19.702	281.554
41490.938	46162.391	30.245	31.390	24.102
1.021	14.785			
3/21/2016 2:30:00 AM	484200.000	124.965	19.696	281.497
41466.785	46141.160	30.229	31.376	24.116
1.021	14.783			
3/21/2016 2:45:00 AM	485100.000	124.941	19.700	281.442
41492.684	46165.613	30.247	31.393	24.101
1.021	14.779			
3/21/2016 3:00:00 AM	486000.000	124.915	19.699	281.384
41487.266	46160.949	30.243	31.389	24.104
1.021	14.781			
3/21/2016 3:15:00 AM	486900.000	124.890	19.694	281.327
41443.406	46117.023	30.211	31.360	24.129
1.021	14.781			
3/21/2016 3:30:00 AM	487800.000	124.874	19.698	281.290
41459.496	46131.418	30.222	31.369	24.120
1.021	14.787			
3/21/2016 3:45:00 AM	488700.000	124.866	19.692	281.272
41457.301	46134.355	30.224	31.371	24.121
1.021	14.783			
3/21/2016 4:00:00 AM	489600.000	124.853	19.692	281.244
41462.797	46140.570	30.228	31.376	24.118
1.021	14.778			
3/21/2016 4:15:00 AM	490500.000	124.839	19.703	281.212
41432.801	46096.344	30.196	31.346	24.135
1.021	14.783			
3/21/2016 4:30:00 AM	491400.000	124.838	19.698	281.209
41477.727	46151.105	30.236	31.383	24.109
1.021	14.784			
3/21/2016 4:45:00 AM	492300.000	124.843	19.697	281.221
41461.613	46134.891	30.224	31.372	24.119
1.021	14.783			
3/21/2016 5:00:00 AM	493200.000	124.850	19.699	281.236
41461.688	46132.406	30.223	31.370	24.119
1.021	14.786			
3/21/2016 5:15:00 AM	494100.000	124.860	19.696	281.259
41497.402	46175.730	30.254	31.399	24.098
1.021	14.784			
3/21/2016 5:30:00 AM	495000.000	124.878	19.697	281.300
41484.777	46160.238	30.243	31.389	24.105
1.021	14.780			
3/21/2016 5:45:00 AM	495900.000	124.885	19.701	281.315
41489.973	46161.656	30.244	31.390	24.102
1.021	14.790			
3/21/2016 6:00:00 AM	496800.000	124.921	19.705	281.396
41484.984	46152.520	30.238	31.384	24.105
1.021	14.779			
3/21/2016 6:15:00 AM	497700.000	124.929	19.705	281.414
41454.734	46118.531	30.213	31.361	24.123
1.021	14.785			
3/21/2016 6:30:00 AM	498600.000	124.959	19.702	281.482
41457.227	46125.051	30.217	31.365	24.121
1.021	14.789			
3/21/2016 6:45:00 AM	499500.000	124.988	19.696	281.548
41482.031	46158.555	30.242	31.388	24.107
1.021	14.787			

3/21/2016 7:00:00 AM	500400.000	125.031	19.695	281.645
41491.824	46169.703	30.250	31.395	24.101
1.021	14.784			
3/21/2016 7:15:00 AM	501300.000	125.057	19.694	281.702
41478.895	46156.855	30.240	31.387	24.109
1.021	14.785			
3/21/2016 7:30:00 AM	502200.000	125.094	19.694	281.787
41457.988	46133.676	30.223	31.371	24.121
1.021	14.786			
3/21/2016 7:45:00 AM	503100.000	125.126	19.694	281.859
41476.957	46154.359	30.238	31.385	24.110
1.021	14.790			
3/21/2016 8:00:00 AM	504000.000	125.148	19.702	281.909
41491.195	46162.844	30.245	31.391	24.101
1.021	14.794			
3/21/2016 8:15:00 AM	504900.000	125.186	19.708	281.993
41500.504	46167.219	30.248	31.394	24.096
1.021	14.793			
3/21/2016 8:30:00 AM	505800.000	125.220	19.704	282.071
41482.465	46151.086	30.236	31.383	24.107
1.021	14.787			
3/21/2016 8:45:00 AM	506700.000	125.243	19.706	282.123
41489.285	46156.027	30.240	31.386	24.103
1.021	14.797			
3/21/2016 9:00:00 AM	507600.000	125.269	19.699	282.180
41494.965	46169.691	30.250	31.395	24.099
1.021	14.798			
3/21/2016 9:15:00 AM	508500.000	125.297	19.693	282.244
41490.813	46171.238	30.251	31.396	24.102
1.021	14.798			
3/21/2016 9:30:00 AM	509400.000	125.321	19.691	282.297
41451.844	46129.914	30.220	31.368	24.124
1.021	14.800			
3/21/2016 9:45:00 AM	510300.000	125.330	19.704	282.319
41504.734	46175.609	30.254	31.399	24.094
1.021	14.799			
3/21/2016 10:00:00 AM	511200.000	125.343	19.709	282.347
41482.156	46145.102	30.232	31.379	24.107
1.021	14.800			
3/21/2016 10:15:00 AM	512100.000	125.341	19.697	282.344
41507.684	46185.383	30.261	31.406	24.092
1.021	14.805			
3/21/2016 10:30:00 AM	513000.000	125.351	19.694	282.366
41484.832	46163.203	30.245	31.391	24.105
1.021	14.800			
3/21/2016 10:45:00 AM	513900.000	125.350	19.691	282.363
41466.133	46145.297	30.232	31.379	24.116
1.021	14.799			
3/21/2016 11:00:00 AM	514800.000	125.341	19.692	282.344
41518.590	46202.559	30.274	31.418	24.086
1.021	14.807			
3/21/2016 11:15:00 AM	515700.000	125.335	19.695	282.329
41488.789	46166.500	30.247	31.393	24.103
1.021	14.802			
3/21/2016 11:30:00 AM	516600.000	125.312	19.701	282.278
41484.832	46156.707	30.240	31.387	24.105
1.021	14.806			
3/21/2016 11:45:00 AM	517500.000	125.289	19.704	282.225

41522.508	46195.383	30.269	31.413	24.083
1.021	14.802			
3/21/2016 12:00:00 PM	518400.000	125.262	19.709	282.164
41535.023	46204.773	30.276	31.419	24.076
1.021	14.803			
3/21/2016 12:15:00 PM	519300.000	125.235	19.706	282.105
41510.012	46179.855	30.258	31.402	24.091
1.021	14.801			
3/21/2016 12:30:00 PM	520200.000	125.209	19.700	282.046
41504.703	46178.988	30.257	31.402	24.094
1.021	14.800			
3/21/2016 12:45:00 PM	521100.000	125.170	19.694	281.957
41493.301	46172.629	30.252	31.397	24.100
1.021	14.796			
3/21/2016 1:00:00 PM	522000.000	125.141	19.693	281.892
41498.375	46179.289	30.257	31.402	24.097
1.021	14.787			
3/21/2016 1:15:00 PM	522900.000	125.108	19.693	281.819
41493.695	46173.582	30.252	31.398	24.100
1.021	14.789			
3/21/2016 1:30:00 PM	523800.000	125.066	19.698	281.724
41511.316	46188.316	30.263	31.408	24.090
1.021	14.790			
3/21/2016 1:45:00 PM	524700.000	125.035	19.700	281.653
41466.680	46137.445	30.226	31.373	24.116
1.021	14.779			
3/21/2016 2:00:00 PM	525600.000	124.988	19.696	281.548
41465.641	46139.887	30.228	31.375	24.116
1.021	14.787			
3/21/2016 2:15:00 PM	526500.000	124.944	19.701	281.449
41495.402	46168.551	30.249	31.395	24.099
1.021	14.784			
3/21/2016 2:30:00 PM	527400.000	124.916	19.705	281.385
41490.129	46157.992	30.242	31.387	24.102
1.021	14.776			
3/21/2016 2:45:00 PM	528300.000	124.880	19.700	281.305
41483.473	46155.453	30.239	31.386	24.106
1.021	14.776			
3/21/2016 3:00:00 PM	529200.000	124.847	19.698	281.231
41491.305	46166.813	30.248	31.393	24.101
1.021	14.776			
3/21/2016 3:15:00 PM	530100.000	124.815	19.711	281.158
41498.000	46160.926	30.244	31.389	24.098
1.021	14.776			
3/21/2016 3:30:00 PM	531000.000	124.797	19.709	281.118
41526.746	46194.707	30.269	31.412	24.081
1.021	14.764			
3/21/2016 3:45:00 PM	531900.000	124.760	19.710	281.034
41491.145	46154.078	30.239	31.385	24.102
1.021	14.769			
3/21/2016 4:00:00 PM	532800.000	124.741	19.712	280.990
41513.043	46176.984	30.256	31.400	24.089
1.021	14.774			
3/21/2016 4:15:00 PM	533700.000	124.732	19.709	280.971
41481.164	46144.512	30.232	31.378	24.107
1.021	14.771			
3/21/2016 4:30:00 PM	534600.000	124.710	19.712	280.922
41528.469	46194.574	30.269	31.412	24.080

1.021	14.773			
3/21/2016 4:45:00 PM	535500.000	124.717	19.710	280.937
41513.180	46178.762	30.257	31.402	24.089
1.021	14.765			
3/21/2016 5:00:00 PM	536400.000	124.713	19.704	280.927
41502.469	46173.254	30.253	31.398	24.095
1.021	14.770			
3/21/2016 5:15:00 PM	537300.000	124.711	19.706	280.924
41499.598	46168.188	30.249	31.394	24.097
1.021	14.773			
3/21/2016 5:30:00 PM	538200.000	124.710	19.710	280.921
41519.211	46185.551	30.262	31.406	24.085
1.021	14.779			
3/21/2016 5:45:00 PM	539100.000	124.714	19.703	280.931
41507.328	46179.258	30.257	31.402	24.092
1.021	14.777			
3/21/2016 6:00:00 PM	540000.000	124.729	19.702	280.964
41480.004	46150.055	30.236	31.382	24.108
1.021	14.776			
3/21/2016 6:15:00 PM	540900.000	124.747	19.704	281.006
41475.797	46143.078	30.231	31.377	24.110
1.021	14.773			
3/21/2016 6:30:00 PM	541800.000	124.774	19.708	281.066
41523.754	46192.492	30.267	31.411	24.083
1.021	14.774			
3/21/2016 6:45:00 PM	542700.000	124.802	19.705	281.128
41491.188	46159.504	30.243	31.388	24.102
1.021	14.778			
3/21/2016 7:00:00 PM	543600.000	124.839	19.708	281.212
41525.023	46194.496	30.268	31.412	24.082
1.021	14.772			
3/21/2016 7:15:00 PM	544500.000	124.864	19.702	281.269
41519.645	46194.250	30.268	31.412	24.085
1.021	14.772			
3/21/2016 7:30:00 PM	545400.000	124.908	19.701	281.368
41516.449	46191.801	30.266	31.410	24.087
1.021	14.773			
3/21/2016 7:45:00 PM	546300.000	124.937	19.696	281.432
41493.121	46170.629	30.250	31.396	24.100
1.021	14.779			
3/21/2016 8:00:00 PM	547200.000	124.986	19.699	281.543
41529.547	46207.992	30.278	31.421	24.079
1.021	14.770			
3/21/2016 8:15:00 PM	548100.000	125.016	19.698	281.611
41486.160	46160.828	30.243	31.389	24.104
1.021	14.778			
3/21/2016 8:30:00 PM	549000.000	125.062	19.701	281.714
41488.078	46159.801	30.243	31.389	24.103
1.021	14.774			
3/21/2016 8:45:00 PM	549900.000	125.097	19.692	281.792
41496.859	46178.301	30.256	31.401	24.098
1.021	14.778			
3/21/2016 9:00:00 PM	550800.000	125.121	19.692	281.847
41482.141	46162.262	30.244	31.390	24.107
1.021	14.784			
3/21/2016 9:15:00 PM	551700.000	125.158	19.693	281.931
41506.676	46188.027	30.263	31.408	24.093
1.021	14.789			



3/21/2016 9:30:00 PM	552600.000	125.180	19.691	281.980
41490.543	46172.555	30.252	31.397	24.102
1.021	14.792			
3/21/2016 9:45:00 PM	553500.000	125.207	19.688	282.042
41490.602	46175.613	30.254	31.399	24.102
1.021	14.793			
3/21/2016 10:00:00 PM	554400.000	125.229	19.691	282.091
41505.895	46189.293	30.264	31.409	24.093
1.021	14.796			
3/21/2016 10:15:00 PM	555300.000	125.244	19.693	282.124
41499.324	46180.348	30.257	31.403	24.097
1.021	14.802			
3/21/2016 10:30:00 PM	556200.000	125.257	19.706	282.154
41504.098	46172.590	30.252	31.397	24.094
1.021	14.799			
3/21/2016 10:45:00 PM	557100.000	125.268	19.702	282.178
41544.238	46221.012	30.287	31.430	24.071
1.021	14.802			
3/21/2016 11:00:00 PM	558000.000	125.280	19.707	282.205
41523.809	46193.750	30.268	31.412	24.083
1.021	14.799			
3/21/2016 11:15:00 PM	558900.000	125.285	19.709	282.217
41534.000	46203.371	30.275	31.418	24.077
1.021	14.799			
3/21/2016 11:30:00 PM	559800.000	125.272	19.700	282.186
41544.613	46224.254	30.290	31.432	24.071
1.021	14.808			
3/21/2016 11:45:00 PM	560700.000	125.283	19.694	282.212
41528.309	46211.246	30.280	31.424	24.080
1.021	14.804			
3/22/2016 12:00:00 AM	561600.000	125.265	19.692	282.172
41510.410	46193.719	30.267	31.412	24.090
1.021	14.803			
3/22/2016 12:15:00 AM	562500.000	125.257	19.698	282.154
41541.367	46221.918	30.288	31.431	24.072
1.021	14.801			
3/22/2016 12:30:00 AM	563400.000	125.231	19.702	282.095
41511.602	46184.781	30.261	31.406	24.090
1.021	14.807			
3/22/2016 12:45:00 AM	564300.000	125.208	19.698	282.043
41523.461	46201.992	30.273	31.417	24.083
1.021	14.809			
3/22/2016 1:00:00 AM	565200.000	125.186	19.687	281.994
41484.293	46169.781	30.249	31.395	24.106
1.021	14.810			
3/22/2016 1:15:00 AM	566100.000	125.158	19.689	281.930
41495.883	46180.375	30.257	31.403	24.099
1.021	14.813			
3/22/2016 1:30:00 AM	567000.000	125.121	19.692	281.848
41503.695	46186.582	30.262	31.407	24.094
1.021	14.810			
3/22/2016 1:45:00 AM	567900.000	125.087	19.694	281.770
41530.688	46214.066	30.282	31.426	24.079
1.021	14.809			
3/22/2016 2:00:00 AM	568800.000	125.067	19.690	281.725
41516.230	46201.902	30.273	31.417	24.087
1.021	14.813			
3/22/2016 2:15:00 AM	569700.000	125.028	19.705	281.638

41521.371	46193.000	30.267	31.411	24.084
1.021	14.813			
3/22/2016 2:30:00 AM	570600.000	124.997	19.706	281.568
41498.238	46166.496	30.248	31.393	24.097
1.021	14.812			
3/22/2016 2:45:00 AM	571500.000	124.965	19.699	281.496
41506.457	46182.816	30.259	31.404	24.093
1.021	14.811			
3/22/2016 3:00:00 AM	572400.000	124.937	19.693	281.433
41529.023	46213.059	30.281	31.425	24.080
1.021	14.811			
3/22/2016 3:15:00 AM	573300.000	124.910	19.697	281.371
41516.516	46195.551	30.269	31.413	24.087
1.021	14.802			
3/22/2016 3:30:00 AM	574200.000	124.904	19.698	281.359
41519.016	46197.145	30.270	31.414	24.085
1.021	14.807			
3/22/2016 3:45:00 AM	575100.000	124.859	19.704	281.257
41516.863	46188.586	30.264	31.408	24.087
1.021	14.808			
3/22/2016 4:00:00 AM	576000.000	124.831	19.711	281.194
41524.406	46190.215	30.265	31.409	24.082
1.021	14.809			
3/22/2016 4:15:00 AM	576900.000	124.811	19.705	281.148
41519.445	46190.859	30.266	31.410	24.085
1.021	14.817			
3/22/2016 4:30:00 AM	577800.000	124.800	19.697	281.124
41523.883	46203.578	30.274	31.418	24.083
1.021	14.811			
3/22/2016 4:45:00 AM	578700.000	124.802	19.695	281.129
41537.691	46220.832	30.287	31.430	24.075
1.021	14.806			
3/22/2016 5:00:00 AM	579600.000	124.792	19.699	281.105
41498.145	46173.230	30.252	31.398	24.097
1.021	14.806			
3/22/2016 5:15:00 AM	580500.000	124.801	19.703	281.127
41500.797	46171.992	30.252	31.397	24.096
1.021	14.810			
3/22/2016 5:30:00 AM	581400.000	124.791	19.695	281.105
41508.203	46188.266	30.263	31.408	24.092
1.021	14.816			
3/22/2016 5:45:00 AM	582300.000	124.798	19.696	281.119
41520.098	46200.480	30.272	31.416	24.085
1.021	14.811			
3/22/2016 6:00:00 AM	583200.000	124.810	19.705	281.147
41499.879	46168.922	30.250	31.395	24.096
1.021	14.819			
3/22/2016 6:15:00 AM	584100.000	124.810	19.706	281.146
41530.563	46202.199	30.274	31.417	24.079
1.021	14.825			
3/22/2016 6:30:00 AM	585000.000	124.837	19.704	281.208
41528.977	46202.742	30.274	31.418	24.080
1.021	14.821			
3/22/2016 6:45:00 AM	585900.000	124.858	19.699	281.254
41524.246	46201.855	30.273	31.417	24.082
1.021	14.825			
3/22/2016 7:00:00 AM	586800.000	124.881	19.705	281.307
41516.375	46187.863	30.263	31.408	24.087

1.021	14.833			
3/22/2016 7:15:00 AM	587700.000	124.916	19.698	281.384
41503.219	46179.730	30.257	31.402	24.095
1.021	14.822			
3/22/2016 7:30:00 AM	588600.000	124.941	19.701	281.441
41527.273	46203.156	30.274	31.418	24.081
1.021	14.828			
3/22/2016 7:45:00 AM	589500.000	124.972	19.700	281.512
41519.957	46196.141	30.269	31.413	24.085
1.021	14.840			
3/22/2016 8:00:00 AM	590400.000	125.016	19.706	281.610
41516.371	46186.586	30.262	31.407	24.087
1.021	14.830			
3/22/2016 8:15:00 AM	591300.000	125.033	19.706	281.650
41521.461	46192.668	30.267	31.411	24.084
1.021	14.839			
3/22/2016 8:30:00 AM	592200.000	125.064	19.708	281.720
41528.633	46197.918	30.271	31.415	24.080
1.021	14.847			
3/22/2016 8:45:00 AM	593100.000	125.098	19.707	281.795
41539.289	46210.711	30.280	31.423	24.074
1.021	14.845			
3/22/2016 9:00:00 AM	594000.000	125.138	19.709	281.885
41511.758	46178.285	30.257	31.401	24.090
1.021	14.847			
3/22/2016 9:15:00 AM	594900.000	125.167	19.705	281.950
41546.605	46221.074	30.288	31.430	24.069
1.021	14.844			
3/22/2016 9:30:00 AM	595800.000	125.184	19.703	281.989
41527.664	46202.137	30.274	31.417	24.080
1.021	14.853			
3/22/2016 9:45:00 AM	596700.000	125.210	19.707	282.047
41525.117	46195.707	30.269	31.413	24.082
1.021	14.854			
3/22/2016 10:00:00 AM	597600.000	125.226	19.703	282.083
41513.813	46186.473	30.262	31.407	24.088
1.021	14.855			
3/22/2016 10:15:00 AM	598500.000	125.240	19.709	282.116
41506.328	46172.852	30.253	31.398	24.093
1.021	14.862			
3/22/2016 10:30:00 AM	599400.000	125.268	19.703	282.178
41547.973	46224.828	30.290	31.433	24.069
1.021	14.857			
3/22/2016 10:45:00 AM	600300.000	125.261	19.704	282.162
41525.480	46198.254	30.271	31.415	24.082
1.021	14.860			
3/22/2016 11:00:00 AM	601200.000	125.272	19.701	282.187
41533.207	46210.363	30.280	31.423	24.077
1.021	14.862			
3/22/2016 11:15:00 AM	602100.000	125.270	19.706	282.184
41532.703	46204.664	30.276	31.419	24.077
1.021	14.858			
3/22/2016 11:30:00 AM	603000.000	125.279	19.698	282.203
41517.402	46195.254	30.268	31.413	24.086
1.021	14.860			
3/22/2016 11:45:00 AM	603900.000	125.272	19.691	282.188
41493.625	46176.238	30.254	31.400	24.100
1.021	14.861			

3/22/2016 12:00:00 PM	604800.000	125.241	19.696	282.119
41546.570	46229.855	30.294	31.436	24.069
1.021	14.862			
3/22/2016 12:15:00 PM	605700.000	125.223	19.694	282.077
41509.926	46191.043	30.265	31.410	24.091
1.021	14.866			
3/22/2016 12:30:00 PM	606600.000	125.209	19.700	282.045
41535.949	46214.270	30.282	31.426	24.076
1.021	14.857			
3/22/2016 12:45:00 PM	607500.000	125.187	19.709	281.995
41496.320	46161.621	30.244	31.390	24.099
1.021	14.862			
3/22/2016 1:00:00 PM	608400.000	125.146	19.706	281.904
41518.305	46188.902	30.264	31.408	24.086
1.021	14.870			
3/22/2016 1:15:00 PM	609300.000	125.116	19.700	281.836
41496.715	46170.523	30.250	31.396	24.098
1.021	14.858			
3/22/2016 1:30:00 PM	610200.000	125.122	19.697	281.850
41529.555	46210.227	30.279	31.423	24.079
1.021	14.853			
3/22/2016 1:45:00 PM	611100.000	125.051	19.702	281.691
41541.211	46217.980	30.285	31.428	24.072
1.021	14.855			
3/22/2016 2:00:00 PM	612000.000	125.025	19.706	281.630
41510.625	46180.359	30.258	31.403	24.090
1.021	14.849			
3/22/2016 2:15:00 PM	612900.000	124.981	19.707	281.531
41509.055	46176.992	30.256	31.400	24.091
1.021	14.850			
3/22/2016 2:30:00 PM	613800.000	124.949	19.706	281.459
41536.293	46208.492	30.278	31.422	24.075
1.021	14.846			
3/22/2016 2:45:00 PM	614700.000	124.912	19.703	281.375
41519.945	46193.469	30.267	31.412	24.085
1.021	14.845			
3/22/2016 3:00:00 PM	615600.000	124.873	19.708	281.288
41535.086	46205.262	30.276	31.420	24.076
1.021	14.843			
3/22/2016 3:15:00 PM	616500.000	124.842	19.707	281.219
41534.375	46205.418	30.276	31.420	24.076
1.021	14.845			
3/22/2016 3:30:00 PM	617400.000	124.809	19.703	281.143
41515.844	46188.734	30.264	31.408	24.087
1.021	14.837			
3/22/2016 3:45:00 PM	618300.000	124.782	19.697	281.084
41517.328	46196.621	30.269	31.414	24.086
1.021	14.838			
3/22/2016 4:00:00 PM	619200.000	124.759	19.696	281.031
41516.902	46197.180	30.270	31.414	24.087
1.021	14.838			
3/22/2016 4:15:00 PM	620100.000	124.736	19.703	280.980
41528.539	46203.027	30.274	31.418	24.080
1.021	14.830			
3/22/2016 4:30:00 PM	621000.000	124.714	19.703	280.930
41534.773	46209.707	30.279	31.423	24.076
1.021	14.835			
3/22/2016 4:45:00 PM	621900.000	124.699	19.707	280.897

41546.688	46219.539	30.287	31.429	24.069
1.021	14.833			
3/22/2016 5:00:00 PM	622800.000	124.686	19.697	280.866
41561.648	46245.516	30.305	31.447	24.061
1.021	14.835			
3/22/2016 5:15:00 PM	623700.000	124.680	19.699	280.854
41526.055	46204.621	30.275	31.419	24.081
1.021	14.835			
3/22/2016 5:30:00 PM	624600.000	124.672	19.707	280.837
41567.035	46241.660	30.303	31.444	24.058
1.021	14.832			
3/22/2016 5:45:00 PM	625500.000	124.682	19.703	280.858
41530.109	46205.035	30.276	31.419	24.079
1.021	14.830			
3/22/2016 6:00:00 PM	626400.000	124.677	19.709	280.846
41531.867	46200.746	30.273	31.417	24.078
1.021	14.838			
3/22/2016 6:15:00 PM	627300.000	124.686	19.710	280.868
41519.953	46186.461	30.263	31.407	24.085
1.021	14.834			
3/22/2016 6:30:00 PM	628200.000	124.706	19.713	280.913
41566.105	46235.324	30.298	31.440	24.058
1.021	14.833			
3/22/2016 6:45:00 PM	629100.000	124.724	19.716	280.953
41518.641	46179.445	30.258	31.402	24.086
1.021	14.834			
3/22/2016 7:00:00 PM	630000.000	124.743	19.710	280.997
41539.309	46208.426	30.279	31.422	24.074
1.021	14.837			
3/22/2016 7:15:00 PM	630900.000	124.775	19.701	281.069
41515.770	46190.875	30.265	31.410	24.087
1.021	14.830			
3/22/2016 7:30:00 PM	631800.000	124.801	19.701	281.127
41523.152	46198.824	30.271	31.415	24.083
1.021	14.839			
3/22/2016 7:45:00 PM	632700.000	124.829	19.708	281.190
41538.176	46208.871	30.279	31.422	24.074
1.021	14.839			
3/22/2016 8:00:00 PM	633600.000	124.857	19.707	281.252
41516.918	46185.996	30.262	31.406	24.087
1.021	14.843			
3/22/2016 8:15:00 PM	634500.000	124.898	19.703	281.344
41507.977	46179.723	30.257	31.402	24.092
1.021	14.845			
3/22/2016 8:30:00 PM	635400.000	124.936	19.702	281.431
41519.617	46194.301	30.268	31.412	24.085
1.021	14.847			
3/22/2016 8:45:00 PM	636300.000	124.966	19.695	281.498
41512.102	46192.438	30.266	31.411	24.089
1.021	14.855			
3/22/2016 9:00:00 PM	637200.000	125.001	19.687	281.578
41533.020	46223.504	30.289	31.432	24.077
1.021	14.844			
3/22/2016 9:15:00 PM	638100.000	125.026	19.691	281.634
41526.316	46212.188	30.281	31.424	24.081
1.021	14.855			
3/22/2016 9:30:00 PM	639000.000	125.077	19.686	281.748
41547.734	46241.160	30.301	31.444	24.069

1.021	14.852			
3/22/2016 9:45:00 PM	639900.000	125.111	19.685	281.824
41518.145	46208.828	30.278	31.422	24.086
1.021	14.853			
3/22/2016 10:00:00 PM	640800.000	125.125	19.687	281.856
41488.969	46174.223	30.253	31.398	24.103
1.021	14.863			
3/22/2016 10:15:00 PM	641700.000	125.152	19.691	281.918
41521.660	46207.008	30.277	31.421	24.084
1.021	14.865			
3/22/2016 10:30:00 PM	642600.000	125.175	19.697	281.968
41534.980	46216.445	30.284	31.427	24.076
1.021	14.861			
3/22/2016 10:45:00 PM	643500.000	125.195	19.701	282.014
41506.246	46180.195	30.258	31.403	24.093
1.021	14.854			
3/22/2016 11:00:00 PM	644400.000	125.204	19.704	282.035
41523.719	46196.293	30.269	31.413	24.083
1.021	14.858			
3/22/2016 11:15:00 PM	645300.000	125.210	19.693	282.048
41538.375	46223.801	30.289	31.432	24.074
1.021	14.858			
3/22/2016 11:30:00 PM	646200.000	125.219	19.695	282.069
41535.934	46218.957	30.286	31.429	24.076
1.021	14.855			
3/22/2016 11:45:00 PM	647100.000	125.250	19.692	282.137
41557.141	46245.457	30.305	31.447	24.063
1.021	14.862			
3/23/2016 12:00:00 AM	648000.000	125.225	19.690	282.081
41507.496	46192.281	30.266	31.411	24.092
1.021	14.859			
3/23/2016 12:15:00 AM	648900.000	125.207	19.694	282.042
41534.309	46218.430	30.285	31.429	24.076
1.021	14.861			
3/23/2016 12:30:00 AM	649800.000	125.202	19.697	282.030
41507.074	46185.395	30.261	31.406	24.092
1.021	14.857			
3/23/2016 12:45:00 AM	650700.000	125.172	19.703	281.962
41543.750	46219.953	30.287	31.430	24.071
1.021	14.863			
3/23/2016 1:00:00 AM	651600.000	125.158	19.705	281.931
41517.242	46188.828	30.264	31.408	24.086
1.021	14.854			
3/23/2016 1:15:00 AM	652500.000	125.136	19.714	281.882
41563.328	46231.203	30.295	31.437	24.060
1.021	14.858			
3/23/2016 1:30:00 AM	653400.000	125.117	19.710	281.838
41520.262	46186.805	30.263	31.407	24.085
1.021	14.853			
3/23/2016 1:45:00 AM	654300.000	125.082	19.706	281.760
41529.828	46201.129	30.273	31.417	24.079
1.021	14.857			
3/23/2016 2:00:00 AM	655200.000	125.055	19.709	281.700
41535.059	46204.207	30.275	31.419	24.076
1.021	14.854			
3/23/2016 2:15:00 AM	656100.000	125.017	19.708	281.613
41507.344	46174.402	30.254	31.399	24.092
1.021	14.855			

3/23/2016 2:30:00 AM	657000.000	125.027	19.702	281.636
41552.703	46231.367	30.295	31.437	24.066
1.021	14.851			
3/23/2016 2:45:00 AM	657900.000	124.954	19.704	281.471
41541.250	46215.980	30.284	31.427	24.072
1.021	14.853			
3/23/2016 3:00:00 AM	658800.000	124.922	19.706	281.399
41527.902	46199.832	30.272	31.416	24.080
1.021	14.852			
3/23/2016 3:15:00 AM	659700.000	124.885	19.705	281.315
41543.086	46217.422	30.285	31.428	24.071
1.021	14.848			
3/23/2016 3:30:00 AM	660600.000	124.851	19.710	281.239
41557.801	46228.660	30.293	31.435	24.063
1.021	14.851			
3/23/2016 3:45:00 AM	661500.000	124.830	19.708	281.193
41543.008	46214.074	30.283	31.426	24.071
1.021	14.847			
3/23/2016 4:00:00 AM	662400.000	124.794	19.708	281.110
41530.082	46199.695	30.272	31.416	24.079
1.021	14.846			
3/23/2016 4:15:00 AM	663300.000	124.771	19.710	281.058
41506.242	46171.551	30.252	31.397	24.093
1.021	14.844			
3/23/2016 4:30:00 AM	664200.000	124.748	19.699	281.006
41537.738	46217.207	30.285	31.428	24.074
1.021	14.844			
3/23/2016 4:45:00 AM	665100.000	124.730	19.700	280.967
41521.965	46198.621	30.271	31.415	24.084
1.021	14.843			
3/23/2016 5:00:00 AM	666000.000	124.741	19.697	280.990
41533.004	46213.980	30.282	31.426	24.077
1.021	14.849			
3/23/2016 5:15:00 AM	666900.000	124.694	19.700	280.885
41528.699	46205.941	30.276	31.420	24.080
1.021	14.845			
3/23/2016 5:30:00 AM	667800.000	124.695	19.710	280.888
41543.414	46212.813	30.282	31.425	24.071
1.021	14.843			
3/23/2016 5:45:00 AM	668700.000	124.681	19.702	280.856
41506.137	46178.883	30.257	31.402	24.093
1.021	14.850			
3/23/2016 6:00:00 AM	669600.000	124.686	19.709	280.867
41505.742	46171.594	30.252	31.397	24.093
1.021	14.849			
3/23/2016 6:15:00 AM	670500.000	124.683	19.712	280.860
41521.973	46186.656	30.263	31.407	24.084
1.021	14.853			
3/23/2016 6:30:00 AM	671400.000	124.730	19.710	280.966
41540.949	46209.480	30.279	31.422	24.073
1.021	14.846			
3/23/2016 6:45:00 AM	672300.000	124.708	19.708	280.918
41550.488	46222.652	30.289	31.431	24.067
1.021	14.852			
3/23/2016 7:00:00 AM	673200.000	124.725	19.701	280.955
41543.246	46221.098	30.287	31.430	24.071
1.021	14.858			
3/23/2016 7:15:00 AM	674100.000	124.755	19.699	281.023

41533.547	46212.359	30.281	31.424	24.077
1.021	14.857			
3/23/2016 7:30:00 AM	675000.000	124.771	19.697	281.059
41531.086	46211.684	30.280	31.424	24.078
1.021	14.862			
3/23/2016 7:45:00 AM	675900.000	124.799	19.693	281.121
41538.590	46224.313	30.289	31.433	24.074
1.021	14.862			
3/23/2016 8:00:00 AM	676800.000	124.827	19.690	281.184
41512.871	46198.430	30.270	31.415	24.089
1.021	14.866			
3/23/2016 8:15:00 AM	677700.000	124.863	19.690	281.265
41538.121	46226.008	30.291	31.434	24.074
1.021	14.872			
3/23/2016 8:30:00 AM	678600.000	124.885	19.697	281.316
41535.527	46216.363	30.284	31.427	24.076
1.021	14.882			
3/23/2016 8:45:00 AM	679500.000	124.922	19.689	281.400
41534.770	46223.742	30.289	31.432	24.076
1.021	14.875			
3/23/2016 9:00:00 AM	680400.000	124.954	19.689	281.470
41515.449	46202.406	30.273	31.418	24.087
1.021	14.879			
3/23/2016 9:15:00 AM	681300.000	124.990	19.691	281.552
41524.848	46210.301	30.279	31.423	24.082
1.021	14.876			
3/23/2016 9:30:00 AM	682200.000	125.009	19.696	281.595
41529.934	46211.680	30.280	31.424	24.079
1.021	14.880			
3/23/2016 9:45:00 AM	683100.000	125.046	19.701	281.677
41515.836	46190.949	30.265	31.410	24.087
1.021	14.883			
3/23/2016 10:00:00 AM	684000.000	125.066	19.701	281.724
41568.469	46249.598	30.308	31.450	24.057
1.021	14.881			
3/23/2016 10:15:00 AM	684900.000	125.095	19.702	281.789
41520.684	46194.805	30.268	31.412	24.084
1.021	14.882			
3/23/2016 10:30:00 AM	685800.000	125.116	19.703	281.836
41532.211	46207.293	30.277	31.421	24.078
1.021	14.885			
3/23/2016 10:45:00 AM	686700.000	125.134	19.692	281.876
41516.113	46199.984	30.272	31.416	24.087
1.021	14.892			
3/23/2016 11:00:00 AM	687600.000	125.155	19.687	281.925
41501.723	46188.762	30.263	31.408	24.095
1.021	14.884			
3/23/2016 11:15:00 AM	688500.000	125.169	19.692	281.954
41502.891	46185.605	30.261	31.406	24.095
1.021	14.887			
3/23/2016 11:30:00 AM	689400.000	125.161	19.697	281.938
41537.223	46218.594	30.285	31.429	24.075
1.021	14.891			
3/23/2016 11:45:00 AM	690300.000	125.159	19.700	281.932
41530.520	46207.801	30.278	31.421	24.079
1.021	14.892			
3/23/2016 12:00:00 PM	691200.000	125.171	19.695	281.960
41516.180	46197.414	30.270	31.414	24.087



1.021	14.883			
3/23/2016 12:15:00 PM	692100.000	125.164	19.689	281.945
41494.203	46178.840	30.256	31.402	24.100
1.021	14.892			
3/23/2016 12:30:00 PM	693000.000	125.147	19.699	281.906
41551.266	46231.820	30.295	31.438	24.067
1.021	14.888			
3/23/2016 12:45:00 PM	693900.000	125.137	19.706	281.884
41533.598	46205.832	30.277	31.420	24.077
1.021	14.886			
3/23/2016 1:00:00 PM	694800.000	125.121	19.693	281.847
41546.684	46232.891	30.296	31.438	24.069
1.021	14.881			
3/23/2016 1:15:00 PM	695700.000	125.092	19.690	281.782
41536.215	46224.324	30.289	31.433	24.075
1.021	14.891			
3/23/2016 1:30:00 PM	696600.000	125.077	19.696	281.749
41525.188	46206.223	30.276	31.420	24.082
1.021	14.878			
3/23/2016 1:45:00 PM	697500.000	125.038	19.694	281.661
41554.078	46240.094	30.301	31.443	24.065
1.021	14.882			
3/23/2016 2:00:00 PM	698400.000	125.011	19.695	281.600
41519.961	46201.438	30.273	31.417	24.085
1.021	14.879			
3/23/2016 2:15:00 PM	699300.000	124.978	19.697	281.524
41533.070	46213.539	30.282	31.425	24.077
1.021	14.877			
3/23/2016 2:30:00 PM	700200.000	124.948	19.689	281.457
41537.426	46226.699	30.291	31.434	24.075
1.021	14.881			
3/23/2016 2:45:00 PM	701100.000	124.911	19.688	281.373
41528.414	46217.859	30.285	31.428	24.080
1.021	14.883			
3/23/2016 3:00:00 PM	702000.000	124.880	19.696	281.305
41503.543	46182.063	30.259	31.404	24.094
1.021	14.874			
3/23/2016 3:15:00 PM	702900.000	124.843	19.698	281.222
41509.613	46186.422	30.262	31.407	24.091
1.021	14.873			
3/23/2016 3:30:00 PM	703800.000	124.813	19.697	281.153
41534.582	46215.219	30.283	31.426	24.076
1.021	14.871			
3/23/2016 3:45:00 PM	704700.000	124.782	19.693	281.083
41531.852	46216.641	30.284	31.427	24.078
1.021	14.869			
3/23/2016 4:00:00 PM	705600.000	124.759	19.691	281.032
41527.328	46213.832	30.282	31.425	24.081
1.021	14.871			
3/23/2016 4:15:00 PM	706500.000	124.722	19.687	280.949
41531.078	46221.590	30.287	31.431	24.078
1.021	14.873			
3/23/2016 4:30:00 PM	707400.000	124.690	19.687	280.878
41535.340	46225.914	30.290	31.434	24.076
1.021	14.876			
3/23/2016 4:45:00 PM	708300.000	124.679	19.697	280.852
41552.270	46234.992	30.297	31.440	24.066
1.021	14.868			

3/23/2016 5:00:00 PM	709200.000	124.660	19.705	280.809
41524.715	46196.551	30.270	31.414	24.082
1.021	14.865			
3/23/2016 5:15:00 PM	710100.000	124.651	19.694	280.788
41521.480	46204.410	30.275	31.419	24.084
1.021	14.862			
3/23/2016 5:30:00 PM	711000.000	124.624	19.695	280.727
41494.973	46173.379	30.252	31.398	24.099
1.021	14.867			
3/23/2016 5:45:00 PM	711900.000	124.626	19.706	280.733
41547.922	46221.168	30.288	31.430	24.069
1.021	14.863			
3/23/2016 6:00:00 PM	712800.000	124.605	19.708	280.685
41530.371	46200.625	30.273	31.416	24.079
1.021	14.874			
3/23/2016 6:15:00 PM	713700.000	124.626	19.707	280.732
41550.840	46224.160	30.290	31.432	24.067
1.021	14.862			
3/23/2016 6:30:00 PM	714600.000	124.633	19.709	280.747
41577.293	46251.613	30.310	31.451	24.052
1.021	14.865			
3/23/2016 6:45:00 PM	715500.000	124.641	19.708	280.767
41547.711	46219.652	30.287	31.429	24.069
1.021	14.864			
3/23/2016 7:00:00 PM	716400.000	124.665	19.697	280.820
41544.793	46227.098	30.292	31.434	24.070
1.021	14.862			
3/23/2016 7:15:00 PM	717300.000	124.675	19.693	280.844
41524.695	46208.340	30.278	31.422	24.082
1.021	14.864			
3/23/2016 7:30:00 PM	718200.000	124.701	19.692	280.900
41518.246	46202.523	30.273	31.418	24.086
1.021	14.862			
3/23/2016 7:45:00 PM	719100.000	124.727	19.690	280.960
41529.988	46217.551	30.284	31.428	24.079
1.021	14.863			
3/23/2016 8:00:00 PM	720000.000	124.750	19.693	281.011
41533.438	46218.309	30.285	31.428	24.077
1.021	14.863			
3/23/2016 8:15:00 PM	720900.000	124.781	19.704	281.081
41542.180	46217.688	30.285	31.428	24.072
1.021	14.859			
3/23/2016 8:30:00 PM	721800.000	124.816	19.707	281.161
41565.613	46240.594	30.302	31.444	24.058
1.021	14.862			
3/23/2016 8:45:00 PM	722700.000	124.848	19.700	281.232
41536.309	46214.152	30.282	31.426	24.075
1.021	14.865			
3/23/2016 9:00:00 PM	723600.000	124.877	19.696	281.297
41522.621	46202.848	30.274	31.418	24.083
1.021	14.871			
3/23/2016 9:15:00 PM	724500.000	124.915	19.706	281.383
41531.375	46202.758	30.274	31.418	24.078
1.021	14.865			
3/23/2016 9:30:00 PM	725400.000	124.937	19.700	281.434
41529.176	46206.398	30.277	31.420	24.079
1.021	14.872			
3/23/2016 9:45:00 PM	726300.000	124.980	19.709	281.529

41557.730	46229.770	30.294	31.436	24.063
1.021	14.870			
3/23/2016 10:00:00 PM	727200.000	125.010	19.701	281.596
41517.430	46192.895	30.267	31.411	24.086
1.021	14.867			
3/23/2016 10:15:00 PM	728100.000	125.041	19.705	281.668
41539.906	46213.793	30.282	31.425	24.073
1.021	14.870			
3/23/2016 10:30:00 PM	729000.000	125.069	19.708	281.730
41560.324	46233.594	30.297	31.439	24.061
1.021	14.870			
3/23/2016 10:45:00 PM	729900.000	125.093	19.707	281.784
41525.359	46195.297	30.269	31.413	24.082
1.021	14.868			
3/23/2016 11:00:00 PM	730800.000	125.112	19.703	281.827
41548.969	46225.422	30.291	31.433	24.068
1.021	14.871			
3/23/2016 11:15:00 PM	731700.000	125.133	19.704	281.874
41535.309	46209.105	30.279	31.422	24.076
1.021	14.873			
3/23/2016 11:30:00 PM	732600.000	125.147	19.705	281.906
41528.836	46200.969	30.273	31.417	24.080
1.021	14.867			
3/23/2016 11:45:00 PM	733500.000	125.159	19.704	281.933
41539.551	46214.680	30.283	31.426	24.073
1.021	14.865			

Report Date: 3/24/2016 2:15:27 PM  
Report User Name: KMaker  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-3M Pre Test\_2016-03-24\_13-08-41-832.wsl  
Create Date: 3/24/2016 1:08:39 PM

Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-3M  
Device Name:  
Serial Number: 395601  
Firmware Version: 2.00  
Hardware Version: 3  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 4  
Used Battery(%): 3

Log Configuration

Log Name: MPWSP MW-3M Pre Test  
Created By: ECrowWillard  
Computer Name: NOTEBOOK02  
Application: WinSitu.exe  
Application Version: 5.6.25.0  
Create Date: 4/22/2015 12:51:17 PM Pacific Daylight Time  
Log Setup Time Zone: Pacific Daylight Time  
Notes Size(bytes): 4096  
Overwrite when full: Enabled  
Scheduled Start Time: 4/22/2015 1:00:00 PM Pacific Daylight Time  
Scheduled Stop Time: No Stop Time  
Type: Linear  
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth  
Specific Gravity: 1.024

Other Log Settings

Depth of Probe: 148.509 (ft)  
Head Pressure: 65.9279 (PSI)  
Temperature: 17.0095 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

Date and Time	Note
4/22/2015 12:51:28 PM	Used Battery: 3% Used Memory: 7% User Name: ECrowWillard
4/24/2015 11:22:59 AM	Log Download - Used Battery: 3% Used Memory: 7% User Name: ECrowWillard
4/30/2015 1:55:48 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: GSSI
5/7/2015 12:20:39 PM	Log Download - Used Battery: 4% Used Memory: 9% User Name: ECrowWillard Interval - Start Time: 4/30/2015 1:45:00 PM
5/14/2015 3:53:09 PM	Log Download - Used Battery: 4% Used Memory: 9% User Name: BDuarte
5/21/2015 11:27:03 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: CShaw
5/28/2015 9:13:43 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: ECrowWillard Interval - Start Time: 5/7/2015 12:15:00 PM
6/4/2015 12:09:13 PM	Log Download - Used Battery: 6% Used Memory: 12% User Name: BDuarte
6/11/2015 11:41:20 AM	Log Download - Used Battery: 6% Used Memory: 12% User Name: BDuarte Interval - Start Time: 6/4/2015 12:00:00 PM
6/17/2015 7:55:04 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw Interval - Start Time: 5/21/2015 11:15:00 AM
6/18/2015 8:39:57 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw
6/25/2015 8:42:16 AM	Log Download - Used Battery: 7% Used Memory: 14% User Name: BDuarte Interval - Start Time: 6/11/2015 11:30:00 AM
7/2/2015 9:13:24 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: CShaw
7/9/2015 9:03:14 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte
7/16/2015 8:54:19 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: CShaw
7/23/2015 4:32:26 PM	Log Download - Used Battery: 8% Used Memory: 17% User Name: KMakar
7/30/2015 10:17:23 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: BDuarte Interval - Start Time: 7/9/2015 9:00:00 AM
8/6/2015 2:56:53 PM	Log Download - Used Battery: 9% Used Memory: 18% 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 1:29:59 PM	Log Download - Used Battery: 9% Used Memory: 20% User Name: KMakar Interval - Start Time: 7/23/2015 4:30:00 PM
8/20/2015 10:54:00 AM	Log Download - Used Battery: 10% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/30/2015 10:15:00 AM
8/27/2015 10:53:00 AM	Log Download - Used Battery: 10% Used Memory: 21% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:50:00 AM
9/3/2015 9:33:56 AM	Log Download - Used Battery: 10% Used Memory: 23% 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 11:28:36 AM	Log Download - Used Battery: 11% Used Memory: 23% 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 10:50:47 AM	Log Download - Used Battery: 11% Used Memory: 25% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:50:00 AM
9/24/2015 9:20:50 AM	Log Download - Used Battery: 11% Used Memory: 25% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM
9/24/2015 9:27:33 AM	Log Download - Used Battery: 11% Used Memory: 25% 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 2:12:35 PM	Log Download - Used Battery: 12% Used Memory: 26% 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 10:24:47 AM	Log Download - Used Battery: 12% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 10:15:00 PM
10/15/2015 1:12:28 PM	Log Download - Used Battery: 12% Used Memory: 28% 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 11:13:41 AM	Log Download - Used Battery: 13% Used Memory: 28% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 12:00:00 PM
10/29/2015 3:27:16 PM	Log Download - Used Battery: 13% Used Memory: 29% 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 2:26:18 PM	Log Download - Used Battery: 14% Used Memory: 29% 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 9:57:45 AM Log Download - Used Battery: 14% Used Memory: 31% User Name: CShaw Interval - Start  
 Time: 10/26/2015 1:00:00 PM Stop Time: 11/12/2015 9:45:00 PM  
 11/19/2015 3:25:23 PM Log Download - Used Battery: 14% Used Memory: 31% 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 9:50:59 AM Log Download - Used Battery: 15% Used Memory: 32% 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 11:04:19 AM Log Download - Used Battery: 15% Used Memory: 32% User Name: KMakar Interval - Start  
 Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:00:00 AM  
 12/10/2015 9:16:19 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start  
 Time: 10/13/2015 1:45:00 AM Stop Time: 12/10/2015 9:15:00 AM  
 12/17/2015 10:47:22 AM Log Download - Used Battery: 16% Used Memory: 34% 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 10:39:51 AM Log Download - Used Battery: 17% Used Memory: 37% 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 10:38:51 AM Log Download - Used Battery: 17% Used Memory: 37% User Name: KMakar Interval - Start  
 Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:30:00 AM  
 1/14/2016 8:37:09 AM Log Download - Used Battery: 17% Used Memory: 37% 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 11:58:50 AM Log Download - Used Battery: 17% Used Memory: 39% User Name: KMakar Interval - Start  
 Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:45:00 AM  
 1/28/2016 2:14:03 PM Log Download - Used Battery: 18% Used Memory: 40% User Name: KMakar Interval - Start  
 Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:00:00 PM  
 2/4/2016 9:27:02 AM Log Download - Used Battery: 18% Used Memory: 40% User Name: CShaw Interval - Start  
 Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:15:00 AM  
 2/11/2016 9:20:20 AM Log Download - Used Battery: 19% Used Memory: 42% 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 9:07:29 AM Log Download - Used Battery: 19% Used Memory: 42% 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 12:21:09 PM Log Download - Used Battery: 19% Used Memory: 43% 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 9:33:17 AM Log Download - Used Battery: 20% Used Memory: 43% 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 10:19:33 AM Log Download - Used Battery: 20% Used Memory: 45% 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 5:12:28 PM Log Download - Used Battery: 20% Used Memory: 45% User Name: SKuiper Interval - Start  
 Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:00:00 PM  
 3/24/2016 1:08:48 PM Log Download - Used Battery: 21% Used Memory: 46% User Name: KMakar Interval - Start  
 Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:00:00 PM

Log Data:

Record Count: 868

Sensors: 1

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

Time Zone: Pacific Daylight Time

Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual
Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)		
395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601	SN#: 395601
SN#: 395601					

Resistivity (ohm-cm)	Water Density (g/cm3)			
3/17/2016 12:00:00 AM 35462.980 1.019	129600.000 41806.555	66.760 26.973	17.056 28.428	150.384 28.198
3/17/2016 12:15:00 AM 35477.586 1.019	130500.000 41823.773	66.757 26.985	17.056 28.440	150.377 28.187
3/17/2016 12:30:00 AM 35466.207 1.019	131400.000 41810.195	66.755 26.975	17.056 28.431	150.372 28.196
3/17/2016 12:45:00 AM 35465.367 1.019	132300.000 41808.883	66.756 26.974	17.056 28.430	150.374 28.197
3/17/2016 1:00:00 AM 35455.105 1.019	133200.000 41797.203	66.760 26.966	17.056 28.422	150.383 28.205
3/17/2016 1:15:00 AM 35455.746 1.019	134100.000 41797.375	66.756 26.966	17.056 28.422	150.373 28.204
3/17/2016 1:30:00 AM 35475.738 1.019	135000.000 41821.359	66.754 26.983	17.056 28.439	150.371 28.188
3/17/2016 1:45:00 AM 35420.590 1.019	135900.000 41756.008	66.753 26.936	17.056 28.394	150.368 28.232
3/17/2016 2:00:00 AM 35452.707 1.019	136800.000 41793.793	66.755 26.963	17.056 28.420	150.372 28.207
3/17/2016 2:15:00 AM 35461.242 1.019	137700.000 41804.176	66.762 26.971	17.056 28.427	150.389 28.200
3/17/2016 2:30:00 AM 35460.285 1.019	138600.000 41803.051	66.756 26.970	17.056 28.426	150.373 28.201
3/17/2016 2:45:00 AM 35450.098 1.019	139500.000 41790.629	66.759 26.961	17.056 28.418	150.382 28.209
3/17/2016 3:00:00 AM 35464.930 1.019	140400.000 41808.785	66.762 26.974	17.056 28.430	150.389 28.197
3/17/2016 3:15:00 AM 35470.176 1.019	141300.000 41814.551	66.769 26.978	17.056 28.434	150.404 28.193
3/17/2016 3:30:00 AM 35469.953 1.019	142200.000 41814.199	66.765 26.978	17.056 28.434	150.394 28.193
3/17/2016 3:45:00 AM 35453.379 1.019	143100.000 41794.660	66.772 26.964	17.056 28.420	150.411 28.206
3/17/2016 4:00:00 AM 35474.238 1.019	144000.000 41819.828	66.776 26.982	17.056 28.437	150.420 28.189
3/17/2016 4:15:00 AM 35457.984	144900.000 41800.090	66.776 26.968	17.056 28.424	150.420 28.202

1.019				
3/17/2016 4:30:00 AM	145800.000	66.782	17.056	150.433
35460.277	41803.371	26.970	28.426	28.201
1.019				
3/17/2016 4:45:00 AM	146700.000	66.783	17.056	150.435
35451.176	41792.227	26.962	28.419	28.208
1.019				
3/17/2016 5:00:00 AM	147600.000	66.788	17.056	150.446
35466.746	41810.832	26.976	28.431	28.195
1.019				
3/17/2016 5:15:00 AM	148500.000	66.793	17.056	150.458
35457.996	41800.270	26.968	28.424	28.202
1.019				
3/17/2016 5:30:00 AM	149400.000	66.798	17.056	150.468
35450.988	41792.180	26.962	28.419	28.208
1.019				
3/17/2016 5:45:00 AM	150300.000	66.797	17.056	150.467
35458.359	41800.621	26.968	28.424	28.202
1.019				
3/17/2016 6:00:00 AM	151200.000	66.802	17.056	150.478
35452.613	41794.336	26.964	28.420	28.207
1.019				
3/17/2016 6:15:00 AM	152100.000	66.808	17.056	150.491
35452.109	41793.164	26.963	28.419	28.207
1.019				
3/17/2016 6:30:00 AM	153000.000	66.807	17.056	150.489
35466.844	41810.781	26.976	28.431	28.195
1.019				
3/17/2016 6:45:00 AM	153900.000	66.809	17.056	150.493
35439.527	41778.496	26.952	28.409	28.217
1.019				
3/17/2016 7:00:00 AM	154800.000	66.808	17.056	150.491
35434.293	41772.902	26.948	28.406	28.221
1.019				
3/17/2016 7:15:00 AM	155700.000	66.808	17.056	150.492
35431.188	41768.910	26.946	28.403	28.224
1.019				
3/17/2016 7:30:00 AM	156600.000	66.817	17.056	150.511
35436.820	41775.715	26.950	28.407	28.219
1.019				
3/17/2016 7:45:00 AM	157500.000	66.810	17.055	150.496
35453.594	41795.820	26.965	28.421	28.206
1.019				
3/17/2016 8:00:00 AM	158400.000	66.813	17.056	150.503
35454.445	41796.328	26.965	28.422	28.205
1.019				
3/17/2016 8:15:00 AM	159300.000	66.808	17.056	150.492
35435.195	41773.391	26.949	28.406	28.221
1.019				
3/17/2016 8:30:00 AM	160200.000	66.807	17.056	150.490
35435.738	41774.203	26.949	28.406	28.220
1.019				
3/17/2016 8:45:00 AM	161100.000	66.810	17.056	150.497
35464.555	41808.340	26.974	28.430	28.197
1.019				
3/17/2016 9:00:00 AM	162000.000	66.803	17.056	150.480
35450.555	41791.836	26.962	28.418	28.208



1.019				
3/17/2016 9:15:00 AM	162900.000	66.802	17.056	150.478
35455.988	41798.242	26.967	28.423	28.204
1.019				
3/17/2016 9:30:00 AM	163800.000	66.799	17.055	150.472
35446.246	41787.082	26.959	28.415	28.212
1.019				
3/17/2016 9:45:00 AM	164700.000	66.793	17.057	150.458
35439.598	41777.992	26.952	28.409	28.217
1.019				
3/17/2016 10:00:00 AM	165600.000	66.793	17.056	150.457
35449.797	41791.016	26.961	28.418	28.209
1.019				
3/17/2016 10:15:00 AM	166500.000	66.786	17.056	150.441
35436.395	41775.051	26.950	28.407	28.220
1.019				
3/17/2016 10:30:00 AM	167400.000	66.779	17.056	150.427
35440.008	41779.559	26.953	28.410	28.217
1.019				
3/17/2016 10:45:00 AM	168300.000	66.779	17.056	150.425
35446.172	41786.672	26.958	28.415	28.212
1.019				
3/17/2016 11:00:00 AM	169200.000	66.766	17.056	150.396
35471.801	41817.039	26.980	28.436	28.191
1.019				
3/17/2016 11:15:00 AM	170100.000	66.762	17.056	150.389
35452.836	41794.270	26.964	28.420	28.206
1.019				
3/17/2016 11:30:00 AM	171000.000	66.754	17.057	150.371
35443.285	41782.520	26.955	28.412	28.214
1.019				
3/17/2016 11:45:00 AM	171900.000	66.752	17.056	150.365
35462.730	41806.348	26.972	28.428	28.199
1.019				
3/17/2016 12:00:00 PM	172800.000	66.744	17.056	150.348
35459.441	41801.973	26.969	28.425	28.201
1.019				
3/17/2016 12:15:00 PM	173700.000	66.734	17.056	150.324
35470.609	41815.715	26.979	28.435	28.192
1.019				
3/17/2016 12:30:00 PM	174600.000	66.734	17.056	150.324
35452.215	41793.625	26.963	28.420	28.207
1.019				
3/17/2016 12:45:00 PM	175500.000	66.725	17.056	150.304
35444.305	41784.703	26.957	28.414	28.213
1.019				
3/17/2016 1:00:00 PM	176400.000	66.723	17.056	150.300
35463.418	41807.070	26.973	28.429	28.198
1.019				
3/17/2016 1:15:00 PM	177300.000	66.717	17.056	150.286
35463.215	41806.918	26.973	28.429	28.198
1.019				
3/17/2016 1:30:00 PM	178200.000	66.711	17.056	150.272
35463.316	41806.375	26.972	28.428	28.198
1.019				
3/17/2016 1:45:00 PM	179100.000	66.710	17.056	150.271
35462.617	41805.797	26.972	28.428	28.199

1.019				
3/17/2016 2:00:00 PM	180000.000	66.704	17.055	150.258
35453.840	41796.031	26.965	28.421	28.206
1.019				
3/17/2016 2:15:00 PM	180900.000	66.699	17.056	150.245
35448.738	41789.277	26.960	28.417	28.210
1.019				
3/17/2016 2:30:00 PM	181800.000	66.695	17.056	150.238
35473.734	41818.582	26.981	28.437	28.190
1.019				
3/17/2016 2:45:00 PM	182700.000	66.695	17.056	150.236
35458.949	41801.473	26.969	28.425	28.202
1.019				
3/17/2016 3:00:00 PM	183600.000	66.696	17.055	150.239
35450.422	41792.078	26.962	28.419	28.208
1.019				
3/17/2016 3:15:00 PM	184500.000	66.691	17.056	150.229
35459.977	41802.602	26.970	28.426	28.201
1.019				
3/17/2016 3:30:00 PM	185400.000	66.690	17.056	150.226
35453.742	41795.176	26.964	28.421	28.206
1.019				
3/17/2016 3:45:00 PM	186300.000	66.697	17.056	150.242
35443.789	41783.602	26.956	28.413	28.214
1.019				
3/17/2016 4:00:00 PM	187200.000	66.696	17.056	150.239
35444.816	41785.227	26.957	28.414	28.213
1.019				
3/17/2016 4:15:00 PM	188100.000	66.695	17.056	150.238
35444.781	41785.031	26.957	28.414	28.213
1.019				
3/17/2016 4:30:00 PM	189000.000	66.698	17.055	150.244
35451.633	41793.680	26.963	28.420	28.207
1.019				
3/17/2016 4:45:00 PM	189900.000	66.704	17.056	150.257
35460.781	41803.895	26.971	28.427	28.200
1.019				
3/17/2016 5:00:00 PM	190800.000	66.703	17.056	150.254
35446.398	41786.770	26.958	28.415	28.212
1.019				
3/17/2016 5:15:00 PM	191700.000	66.706	17.055	150.262
35440.566	41780.633	26.954	28.411	28.216
1.019				
3/17/2016 5:30:00 PM	192600.000	66.708	17.055	150.267
35464.594	41809.125	26.974	28.430	28.197
1.019				
3/17/2016 5:45:00 PM	193500.000	66.715	17.055	150.282
35450.551	41792.320	26.962	28.419	28.208
1.019				
3/17/2016 6:00:00 PM	194400.000	66.717	17.055	150.286
35448.430	41789.906	26.961	28.417	28.210
1.019				
3/17/2016 6:15:00 PM	195300.000	66.720	17.055	150.294
35471.379	41816.961	26.980	28.436	28.192
1.019				
3/17/2016 6:30:00 PM	196200.000	66.726	17.055	150.306
35433.367	41772.219	26.948	28.405	28.222

1.019				
3/17/2016 6:45:00 PM	197100.000	66.723	17.055	150.299
35444.512	41785.773	26.958	28.414	28.213
1.019				
3/17/2016 7:00:00 PM	198000.000	66.728	17.055	150.312
35432.395	41771.074	26.947	28.404	28.223
1.019				
3/17/2016 7:15:00 PM	198900.000	66.734	17.055	150.325
35432.215	41771.027	26.947	28.404	28.223
1.019				
3/17/2016 7:30:00 PM	199800.000	66.738	17.055	150.334
35440.203	41780.609	26.954	28.411	28.217
1.019				
3/17/2016 7:45:00 PM	200700.000	66.741	17.054	150.340
35409.613	41744.969	26.928	28.387	28.241
1.019				
3/17/2016 8:00:00 PM	201600.000	66.743	17.055	150.344
35438.527	41778.719	26.953	28.410	28.218
1.019				
3/17/2016 8:15:00 PM	202500.000	66.743	17.054	150.345
35434.645	41774.559	26.950	28.407	28.221
1.019				
3/17/2016 8:30:00 PM	203400.000	66.748	17.054	150.355
35442.941	41784.258	26.957	28.413	28.214
1.019				
3/17/2016 8:45:00 PM	204300.000	66.750	17.054	150.360
35431.023	41770.289	26.947	28.404	28.224
1.019				
3/17/2016 9:00:00 PM	205200.000	66.750	17.055	150.361
35452.668	41795.234	26.964	28.421	28.207
1.019				
3/17/2016 9:15:00 PM	206100.000	66.753	17.054	150.368
35440.074	41780.707	26.954	28.411	28.217
1.019				
3/17/2016 9:30:00 PM	207000.000	66.751	17.055	150.363
35431.156	41770.027	26.946	28.404	28.224
1.019				
3/17/2016 9:45:00 PM	207900.000	66.750	17.054	150.362
35424.961	41763.395	26.942	28.399	28.229
1.019				
3/17/2016 10:00:00 PM	208800.000	66.751	17.054	150.363
35429.270	41767.973	26.945	28.402	28.225
1.019				
3/17/2016 10:15:00 PM	209700.000	66.755	17.054	150.372
35427.129	41766.191	26.944	28.401	28.227
1.019				
3/17/2016 10:30:00 PM	210600.000	66.753	17.054	150.367
35417.098	41753.949	26.935	28.393	28.235
1.019				
3/17/2016 10:45:00 PM	211500.000	66.750	17.054	150.361
35437.918	41778.168	26.952	28.409	28.218
1.019				
3/17/2016 11:00:00 PM	212400.000	66.752	17.054	150.365
35427.598	41766.328	26.944	28.401	28.227
1.019				
3/17/2016 11:15:00 PM	213300.000	66.747	17.055	150.354
35433.328	41772.590	26.948	28.405	28.222

1.019				
3/17/2016 11:30:00 PM	214200.000	66.747	17.055	150.353
35441.234	41781.824	26.955	28.412	28.216
1.019				
3/17/2016 11:45:00 PM	215100.000	66.741	17.054	150.340
35414.633	41751.383	26.933	28.391	28.237
1.019				
3/18/2016 12:00:00 AM	216000.000	66.740	17.054	150.339
35434.598	41774.668	26.950	28.407	28.221
1.019				
3/18/2016 12:15:00 AM	216900.000	66.743	17.053	150.344
35436.801	41777.844	26.952	28.409	28.219
1.019				
3/18/2016 12:30:00 AM	217800.000	66.737	17.054	150.331
35425.484	41763.508	26.942	28.399	28.228
1.019				
3/18/2016 12:45:00 AM	218700.000	66.734	17.054	150.325
35421.090	41758.414	26.938	28.396	28.232
1.019				
3/18/2016 1:00:00 AM	219600.000	66.730	17.054	150.317
35426.648	41765.547	26.943	28.401	28.227
1.019				
3/18/2016 1:15:00 AM	220500.000	66.726	17.055	150.306
35440.578	41780.980	26.954	28.411	28.216
1.019				
3/18/2016 1:30:00 AM	221400.000	66.728	17.054	150.311
35466.836	41812.672	26.977	28.433	28.195
1.019				
3/18/2016 1:45:00 AM	222300.000	66.728	17.054	150.310
35444.191	41785.734	26.958	28.414	28.213
1.019				
3/18/2016 2:00:00 AM	223200.000	66.725	17.055	150.304
35431.633	41770.504	26.947	28.404	28.223
1.019				
3/18/2016 2:15:00 AM	224100.000	66.723	17.055	150.300
35445.266	41786.340	26.958	28.415	28.213
1.019				
3/18/2016 2:30:00 AM	225000.000	66.710	17.055	150.270
35433.648	41772.965	26.948	28.406	28.222
1.019				
3/18/2016 2:45:00 AM	225900.000	66.723	17.055	150.299
35422.973	41759.965	26.939	28.397	28.230
1.019				
3/18/2016 3:00:00 AM	226800.000	66.725	17.055	150.304
35424.391	41761.969	26.941	28.398	28.229
1.019				
3/18/2016 3:15:00 AM	227700.000	66.722	17.055	150.298
35445.461	41786.891	26.958	28.415	28.212
1.019				
3/18/2016 3:30:00 AM	228600.000	66.725	17.054	150.304
35421.906	41760.035	26.939	28.397	28.231
1.019				
3/18/2016 3:45:00 AM	229500.000	66.726	17.055	150.306
35441.750	41782.434	26.955	28.412	28.215
1.019				
3/18/2016 4:00:00 AM	230400.000	66.730	17.055	150.317
35436.758	41776.547	26.951	28.408	28.219

1.019				
3/18/2016 4:15:00 AM	231300.000	66.728	17.055	150.312
35439.121	41779.332	26.953	28.410	28.217
1.019				
3/18/2016 4:30:00 AM	232200.000	66.731	17.054	150.317
35425.230	41763.211	26.941	28.399	28.228
1.019				
3/18/2016 4:45:00 AM	233100.000	66.735	17.055	150.328
35428.031	41766.020	26.944	28.401	28.226
1.019				
3/18/2016 5:00:00 AM	234000.000	66.738	17.055	150.333
35445.066	41786.426	26.958	28.415	28.213
1.019				
3/18/2016 5:15:00 AM	234900.000	66.739	17.054	150.336
35438.566	41779.180	26.953	28.410	28.218
1.019				
3/18/2016 5:30:00 AM	235800.000	66.744	17.054	150.347
35441.270	41782.531	26.955	28.412	28.216
1.019				
3/18/2016 5:45:00 AM	236700.000	66.747	17.054	150.354
35448.176	41790.508	26.961	28.418	28.210
1.019				
3/18/2016 6:00:00 AM	237600.000	66.749	17.054	150.358
35439.500	41780.281	26.954	28.411	28.217
1.019				
3/18/2016 6:15:00 AM	238500.000	66.748	17.054	150.356
35434.109	41773.676	26.949	28.406	28.221
1.019				
3/18/2016 6:30:00 AM	239400.000	66.754	17.054	150.371
35402.172	41736.527	26.922	28.381	28.247
1.019				
3/18/2016 6:45:00 AM	240300.000	66.757	17.054	150.377
35420.559	41757.871	26.938	28.395	28.232
1.019				
3/18/2016 7:00:00 AM	241200.000	66.762	17.054	150.389
35454.211	41797.375	26.966	28.422	28.205
1.019				
3/18/2016 7:15:00 AM	242100.000	66.756	17.054	150.374
35420.320	41758.000	26.938	28.395	28.232
1.019				
3/18/2016 7:30:00 AM	243000.000	66.766	17.054	150.396
35437.965	41778.637	26.952	28.409	28.218
1.019				
3/18/2016 7:45:00 AM	243900.000	66.761	17.054	150.386
35407.094	41742.242	26.926	28.385	28.243
1.019				
3/18/2016 8:00:00 AM	244800.000	66.765	17.054	150.395
35433.129	41773.359	26.949	28.406	28.222
1.019				
3/18/2016 8:15:00 AM	245700.000	66.770	17.054	150.406
35423.953	41762.449	26.941	28.398	28.229
1.019				
3/18/2016 8:30:00 AM	246600.000	66.766	17.054	150.397
35426.641	41765.453	26.943	28.401	28.227
1.019				
3/18/2016 8:45:00 AM	247500.000	66.762	17.054	150.389
35406.102	41741.324	26.926	28.384	28.244

1.019				
3/18/2016 9:00:00 AM	248400.000	66.765	17.054	150.395
35440.262	41781.258	26.954	28.411	28.216
1.019				
3/18/2016 9:15:00 AM	249300.000	66.764	17.054	150.392
35410.258	41746.059	26.929	28.387	28.240
1.019				
3/18/2016 9:30:00 AM	250200.000	66.761	17.053	150.386
35420.871	41759.230	26.939	28.396	28.232
1.019				
3/18/2016 9:45:00 AM	251100.000	66.761	17.053	150.385
35418.258	41755.984	26.936	28.394	28.234
1.019				
3/18/2016 10:00:00 AM	252000.000	66.754	17.054	150.371
35410.945	41746.781	26.930	28.388	28.240
1.019				
3/18/2016 10:15:00 AM	252900.000	66.750	17.054	150.360
35437.883	41778.965	26.953	28.410	28.218
1.019				
3/18/2016 10:30:00 AM	253800.000	66.747	17.054	150.353
35411.781	41748.191	26.931	28.389	28.239
1.019				
3/18/2016 10:45:00 AM	254700.000	66.740	17.053	150.338
35429.273	41768.887	26.945	28.403	28.225
1.019				
3/18/2016 11:00:00 AM	255600.000	66.737	17.053	150.332
35420.051	41758.012	26.938	28.395	28.233
1.019				
3/18/2016 11:15:00 AM	256500.000	66.734	17.054	150.325
35423.305	41761.684	26.940	28.398	28.230
1.019				
3/18/2016 11:30:00 AM	257400.000	66.723	17.054	150.301
35426.621	41765.098	26.943	28.400	28.227
1.019				
3/18/2016 11:45:00 AM	258300.000	66.720	17.054	150.293
35398.637	41732.270	26.919	28.378	28.250
1.019				
3/18/2016 12:00:00 PM	259200.000	66.711	17.054	150.273
35444.508	41786.516	26.958	28.415	28.213
1.019				
3/18/2016 12:15:00 PM	260100.000	66.706	17.054	150.262
35428.410	41767.539	26.945	28.402	28.226
1.019				
3/18/2016 12:30:00 PM	261000.000	66.703	17.054	150.254
35419.035	41756.746	26.937	28.395	28.233
1.019				
3/18/2016 12:45:00 PM	261900.000	66.694	17.054	150.235
35444.227	41786.445	26.958	28.415	28.213
1.019				
3/18/2016 1:00:00 PM	262800.000	66.689	17.054	150.223
35399.695	41733.945	26.921	28.379	28.249
1.019				
3/18/2016 1:15:00 PM	263700.000	66.681	17.054	150.205
35426.727	41765.301	26.943	28.400	28.227
1.019				
3/18/2016 1:30:00 PM	264600.000	66.673	17.054	150.187
35442.672	41783.941	26.956	28.413	28.215

1.019				
3/18/2016 1:45:00 PM	265500.000	66.673	17.054	150.187
35424.488	41763.078	26.941	28.399	28.229
1.019				
3/18/2016 2:00:00 PM	266400.000	66.661	17.054	150.161
35428.418	41767.215	26.944	28.402	28.226
1.019				
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35429.074	41768.406	26.945	28.403	28.225
1.019				
3/18/2016 2:30:00 PM	268200.000	66.657	17.054	150.150
35443.148	41784.582	26.957	28.414	28.214
1.019				
3/18/2016 2:45:00 PM	269100.000	66.650	17.055	150.137
35431.324	41770.141	26.946	28.404	28.224
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3/18/2016 3:00:00 PM	270000.000	66.647	17.055	150.130
35441.996	41782.559	26.955	28.412	28.215
1.019				
3/18/2016 3:15:00 PM	270900.000	66.645	17.054	150.125
35423.320	41761.461	26.940	28.398	28.230
1.019				
3/18/2016 3:30:00 PM	271800.000	66.647	17.055	150.128
35438.457	41778.723	26.953	28.410	28.218
1.019				
3/18/2016 3:45:00 PM	272700.000	66.642	17.054	150.117
35414.863	41751.156	26.933	28.391	28.237
1.019				
3/18/2016 4:00:00 PM	273600.000	66.642	17.055	150.119
35436.652	41776.594	26.951	28.408	28.219
1.019				
3/18/2016 4:15:00 PM	274500.000	66.640	17.054	150.113
35419.211	41756.441	26.937	28.394	28.233
1.019				
3/18/2016 4:30:00 PM	275400.000	66.657	17.054	150.152
35430.305	41769.441	26.946	28.403	28.224
1.019				
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35440.500	41781.383	26.954	28.411	28.216
1.019				
3/18/2016 5:00:00 PM	277200.000	66.640	17.053	150.112
35420.238	41758.234	26.938	28.396	28.232
1.019				
3/18/2016 5:15:00 PM	278100.000	66.647	17.053	150.128
35443.664	41785.938	26.958	28.414	28.214
1.019				
3/18/2016 5:30:00 PM	279000.000	66.650	17.054	150.135
35426.938	41765.473	26.943	28.401	28.227
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3/18/2016 5:45:00 PM	279900.000	66.648	17.054	150.132
35433.852	41773.785	26.949	28.406	28.222
1.019				
3/18/2016 6:00:00 PM	280800.000	66.653	17.053	150.143
35417.586	41755.445	26.936	28.394	28.235
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3/18/2016 6:15:00 PM	281700.000	66.654	17.054	150.144
35411.520	41747.711	26.930	28.388	28.239

1.019				
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35421.359	41759.484	26.939	28.396	28.232
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35421.906	41760.453	26.939	28.397	28.231
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3/18/2016 7:00:00 PM	284400.000	66.665	17.053	150.170
35394.711	41728.555	26.917	28.375	28.253
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3/18/2016 7:15:00 PM	285300.000	66.671	17.053	150.183
35400.043	41735.000	26.921	28.380	28.249
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3/18/2016 7:30:00 PM	286200.000	66.676	17.053	150.194
35380.285	41711.305	26.904	28.364	28.264
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3/18/2016 7:45:00 PM	287100.000	66.678	17.053	150.200
35403.563	41738.828	26.924	28.382	28.246
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3/18/2016 8:00:00 PM	288000.000	66.680	17.053	150.202
35421.426	41760.051	26.939	28.397	28.232
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35399.531	41734.395	26.921	28.379	28.249
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35411.777	41748.676	26.931	28.389	28.239
1.019				
3/18/2016 9:00:00 PM	291600.000	66.695	17.052	150.236
35410.363	41748.074	26.931	28.389	28.240
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3/18/2016 9:15:00 PM	292500.000	66.696	17.053	150.239
35418.184	41756.723	26.937	28.395	28.234
1.019				
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35423.145	41763.145	26.941	28.399	28.230
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3/18/2016 9:45:00 PM	294300.000	66.703	17.052	150.254
35393.762	41728.262	26.916	28.375	28.254
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3/18/2016 10:00:00 PM	295200.000	66.701	17.052	150.250
35399.633	41735.184	26.921	28.380	28.249
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3/18/2016 10:15:00 PM	296100.000	66.701	17.052	150.250
35402.395	41738.680	26.924	28.382	28.247
1.019				
3/18/2016 10:30:00 PM	297000.000	66.707	17.052	150.263
35386.715	41720.035	26.910	28.370	28.259
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3/18/2016 10:45:00 PM	297900.000	66.699	17.052	150.246
35392.957	41727.313	26.916	28.375	28.254
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3/18/2016 11:00:00 PM	298800.000	66.701	17.052	150.249
35403.660	41739.930	26.925	28.383	28.246



1.019				
3/18/2016 11:15:00 PM	299700.000	66.701	17.053	150.251
35403.828	41739.555	26.924	28.383	28.246
1.019				
3/18/2016 11:30:00 PM	300600.000	66.696	17.053	150.240
35399.027	41733.801	26.920	28.379	28.249
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3/18/2016 11:45:00 PM	301500.000	66.696	17.053	150.239
35398.633	41733.180	26.920	28.379	28.250
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3/19/2016 12:00:00 AM	302400.000	66.693	17.053	150.232
35382.793	41714.832	26.907	28.366	28.262
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3/19/2016 12:15:00 AM	303300.000	66.694	17.052	150.235
35413.445	41751.301	26.933	28.391	28.238
1.019				
3/19/2016 12:30:00 AM	304200.000	66.691	17.052	150.228
35402.781	41738.809	26.924	28.382	28.246
1.019				
3/19/2016 12:45:00 AM	305100.000	66.686	17.053	150.217
35401.078	41736.477	26.922	28.381	28.248
1.019				
3/19/2016 1:00:00 AM	306000.000	66.682	17.052	150.208
35387.543	41720.844	26.911	28.370	28.259
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35424.301	41763.277	26.941	28.399	28.229
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35399.328	41733.918	26.920	28.379	28.249
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3/19/2016 1:45:00 AM	308700.000	66.675	17.053	150.192
35390.430	41723.344	26.913	28.372	28.256
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3/19/2016 2:00:00 AM	309600.000	66.669	17.053	150.179
35405.535	41741.809	26.926	28.384	28.244
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3/19/2016 2:15:00 AM	310500.000	66.667	17.053	150.173
35395.969	41730.195	26.918	28.377	28.252
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3/19/2016 2:30:00 AM	311400.000	66.666	17.053	150.171
35380.328	41711.355	26.904	28.364	28.264
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35426.230	41765.227	26.943	28.400	28.228
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3/19/2016 3:00:00 AM	313200.000	66.660	17.053	150.158
35399.965	41734.586	26.921	28.380	28.249
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35412.684	41748.832	26.931	28.389	28.238
1.019				
3/19/2016 3:30:00 AM	315000.000	66.657	17.053	150.152
35390.473	41723.480	26.913	28.372	28.256
1.019				
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1.019				
3/19/2016 4:00:00 AM	316800.000	66.657	17.054	150.152
35405.414	41740.512	26.925	28.384	28.244
1.019				
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35423.750	41762.625	26.941	28.399	28.230
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3/19/2016 4:30:00 AM	318600.000	66.661	17.053	150.161
35403.629	41739.152	26.924	28.383	28.246
1.019				
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35407.969	41744.105	26.928	28.386	28.242
1.019				
3/19/2016 5:00:00 AM	320400.000	66.661	17.054	150.161
35429.141	41767.988	26.945	28.402	28.225
1.019				
3/19/2016 5:15:00 AM	321300.000	66.666	17.054	150.172
35403.168	41737.703	26.923	28.382	28.246
1.019				
3/19/2016 5:30:00 AM	322200.000	66.673	17.053	150.187
35401.957	41736.934	26.923	28.381	28.247
1.019				
3/19/2016 5:45:00 AM	323100.000	66.677	17.053	150.197
35391.855	41724.945	26.914	28.373	28.255
1.019				
3/19/2016 6:00:00 AM	324000.000	66.677	17.053	150.196
35412.906	41749.926	26.932	28.390	28.238
1.019				
3/19/2016 6:15:00 AM	324900.000	66.679	17.053	150.201
35410.273	41747.063	26.930	28.388	28.240
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3/19/2016 6:30:00 AM	325800.000	66.682	17.053	150.208
35401.684	41736.695	26.922	28.381	28.247
1.019				
3/19/2016 6:45:00 AM	326700.000	66.684	17.053	150.213
35413.602	41750.660	26.932	28.390	28.238
1.019				
3/19/2016 7:00:00 AM	327600.000	66.694	17.053	150.234
35416.703	41754.402	26.935	28.393	28.235
1.019				
3/19/2016 7:15:00 AM	328500.000	66.699	17.053	150.245
35396.316	41730.449	26.918	28.377	28.252
1.019				
3/19/2016 7:30:00 AM	329400.000	66.698	17.053	150.243
35392.875	41725.973	26.915	28.374	28.254
1.019				
3/19/2016 7:45:00 AM	330300.000	66.702	17.053	150.254
35374.992	41705.465	26.900	28.360	28.269
1.019				
3/19/2016 8:00:00 AM	331200.000	66.705	17.053	150.260
35420.891	41759.086	26.938	28.396	28.232
1.019				
3/19/2016 8:15:00 AM	332100.000	66.710	17.053	150.270
35426.063	41765.602	26.943	28.401	28.228
1.019				
3/19/2016 8:30:00 AM	333000.000	66.711	17.053	150.273
35379.930	41711.051	26.904	28.364	28.265

1.019				
3/19/2016 8:45:00 AM	333900.000	66.712	17.053	150.274
35399.824	41734.250	26.921	28.379	28.249
1.019				
3/19/2016 9:00:00 AM	334800.000	66.713	17.053	150.277
35410.398	41746.633	26.930	28.388	28.240
1.019				
3/19/2016 9:15:00 AM	335700.000	66.717	17.053	150.286
35399.738	41734.066	26.921	28.379	28.249
1.019				
3/19/2016 9:30:00 AM	336600.000	66.716	17.053	150.284
35407.707	41743.797	26.928	28.386	28.242
1.019				
3/19/2016 9:45:00 AM	337500.000	66.721	17.053	150.295
35411.672	41748.133	26.931	28.389	28.239
1.019				
3/19/2016 10:00:00 AM	338400.000	66.720	17.053	150.294
35409.488	41745.645	26.929	28.387	28.241
1.019				
3/19/2016 10:15:00 AM	339300.000	66.718	17.054	150.288
35414.551	41751.457	26.933	28.391	28.237
1.019				
3/19/2016 10:30:00 AM	340200.000	66.719	17.053	150.291
35417.855	41755.426	26.936	28.394	28.234
1.019				
3/19/2016 10:45:00 AM	341100.000	66.716	17.053	150.285
35391.676	41724.559	26.914	28.373	28.255
1.019				
3/19/2016 11:00:00 AM	342000.000	66.711	17.054	150.273
35378.602	41708.816	26.903	28.362	28.266
1.019				
3/19/2016 11:15:00 AM	342900.000	66.709	17.054	150.269
35414.027	41750.668	26.932	28.390	28.237
1.019				
3/19/2016 11:30:00 AM	343800.000	66.705	17.054	150.259
35414.293	41750.980	26.933	28.391	28.237
1.019				
3/19/2016 11:45:00 AM	344700.000	66.701	17.055	150.251
35434.547	41774.023	26.949	28.406	28.221
1.019				
3/19/2016 12:00:00 PM	345600.000	66.699	17.054	150.246
35416.211	41752.824	26.934	28.392	28.236
1.019				
3/19/2016 12:15:00 PM	346500.000	66.691	17.055	150.228
35446.230	41787.387	26.959	28.415	28.212
1.019				
3/19/2016 12:30:00 PM	347400.000	66.685	17.055	150.215
35431.410	41770.004	26.946	28.404	28.224
1.019				
3/19/2016 12:45:00 PM	348300.000	66.683	17.055	150.211
35431.211	41769.605	26.946	28.403	28.224
1.019				
3/19/2016 1:00:00 PM	349200.000	66.676	17.055	150.194
35421.652	41758.738	26.938	28.396	28.231
1.019				
3/19/2016 1:15:00 PM	350100.000	66.673	17.055	150.187
35426.699	41764.113	26.942	28.400	28.227

1.019				
3/19/2016 1:30:00 PM	351000.000	66.665	17.055	150.170
35444.879	41785.633	26.958	28.414	28.213
1.019				
3/19/2016 1:45:00 PM	351900.000	66.660	17.055	150.157
35443.172	41783.457	26.956	28.413	28.214
1.019				
3/19/2016 2:00:00 PM	352800.000	66.654	17.056	150.145
35417.520	41752.727	26.934	28.392	28.235
1.019				
3/19/2016 2:15:00 PM	353700.000	66.647	17.056	150.130
35433.625	41772.035	26.948	28.405	28.222
1.019				
3/19/2016 2:30:00 PM	354600.000	66.642	17.055	150.119
35432.703	41771.363	26.947	28.405	28.223
1.019				
3/19/2016 2:45:00 PM	355500.000	66.639	17.056	150.112
35454.293	41795.902	26.965	28.421	28.205
1.019				
3/19/2016 3:00:00 PM	356400.000	66.639	17.056	150.111
35452.957	41794.328	26.964	28.420	28.206
1.019				
3/19/2016 3:15:00 PM	357300.000	66.633	17.056	150.097
35454.598	41796.023	26.965	28.421	28.205
1.019				
3/19/2016 3:30:00 PM	358200.000	66.637	17.056	150.106
35470.957	41815.547	26.979	28.435	28.192
1.019				
3/19/2016 3:45:00 PM	359100.000	66.626	17.056	150.082
35475.078	41820.242	26.982	28.438	28.189
1.019				
3/19/2016 4:00:00 PM	360000.000	66.623	17.056	150.074
35455.930	41797.832	26.966	28.423	28.204
1.019				
3/19/2016 4:15:00 PM	360900.000	66.624	17.056	150.078
35470.223	41814.855	26.978	28.434	28.193
1.019				
3/19/2016 4:30:00 PM	361800.000	66.624	17.056	150.076
35438.039	41776.742	26.951	28.408	28.218
1.019				
3/19/2016 4:45:00 PM	362700.000	66.628	17.056	150.086
35461.520	41804.094	26.971	28.427	28.200
1.019				
3/19/2016 5:00:00 PM	363600.000	66.628	17.056	150.086
35446.523	41786.668	26.958	28.415	28.212
1.019				
3/19/2016 5:15:00 PM	364500.000	66.624	17.056	150.078
35462.176	41805.121	26.972	28.427	28.199
1.019				
3/19/2016 5:30:00 PM	365400.000	66.624	17.056	150.078
35452.719	41794.219	26.964	28.420	28.207
1.019				
3/19/2016 5:45:00 PM	366300.000	66.628	17.057	150.087
35457.301	41798.957	26.967	28.423	28.203
1.019				
3/19/2016 6:00:00 PM	367200.000	66.629	17.056	150.088
35438.961	41777.910	26.952	28.409	28.218

1.019				
3/19/2016 6:15:00 PM	368100.000	66.637	17.056	150.106
35450.441	41791.199	26.962	28.418	28.208
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3/19/2016 6:30:00 PM	369000.000	66.638	17.056	150.108
35483.703	41830.410	26.990	28.445	28.182
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3/19/2016 6:45:00 PM	369900.000	66.643	17.056	150.119
35447.855	41788.148	26.959	28.416	28.210
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3/19/2016 7:00:00 PM	370800.000	66.647	17.057	150.129
35448.230	41788.348	26.960	28.416	28.210
1.019				
3/19/2016 7:15:00 PM	371700.000	66.652	17.055	150.140
35435.750	41774.781	26.950	28.407	28.220
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3/19/2016 7:30:00 PM	372600.000	66.657	17.056	150.152
35451.805	41792.969	26.963	28.419	28.207
1.019				
3/19/2016 7:45:00 PM	373500.000	66.663	17.056	150.165
35446.254	41786.426	26.958	28.415	28.212
1.019				
3/19/2016 8:00:00 PM	374400.000	66.667	17.056	150.175
35449.324	41789.805	26.961	28.417	28.209
1.019				
3/19/2016 8:15:00 PM	375300.000	66.672	17.056	150.186
35447.211	41787.555	26.959	28.416	28.211
1.019				
3/19/2016 8:30:00 PM	376200.000	66.672	17.056	150.186
35463.234	41807.020	26.973	28.429	28.198
1.019				
3/19/2016 8:45:00 PM	377100.000	66.681	17.056	150.206
35443.922	41783.602	26.956	28.413	28.214
1.019				
3/19/2016 9:00:00 PM	378000.000	66.688	17.056	150.220
35456.125	41797.734	26.966	28.422	28.204
1.019				
3/19/2016 9:15:00 PM	378900.000	66.690	17.056	150.225
35432.156	41769.566	26.946	28.403	28.223
1.019				
3/19/2016 9:30:00 PM	379800.000	66.687	17.056	150.218
35439.008	41777.809	26.952	28.409	28.217
1.019				
3/19/2016 9:45:00 PM	380700.000	66.696	17.056	150.239
35455.656	41797.758	26.966	28.422	28.204
1.019				
3/19/2016 10:00:00 PM	381600.000	66.703	17.056	150.255
35457.379	41799.211	26.967	28.423	28.203
1.019				
3/19/2016 10:15:00 PM	382500.000	66.704	17.056	150.257
35467.418	41811.047	26.976	28.432	28.195
1.019				
3/19/2016 10:30:00 PM	383400.000	66.707	17.056	150.263
35449.617	41790.563	26.961	28.418	28.209
1.019				
3/19/2016 10:45:00 PM	384300.000	66.709	17.056	150.268
35440.820	41779.781	26.953	28.410	28.216

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3/19/2016 11:00:00 PM	385200.000	66.710	17.056	150.271
35447.262	41787.449	26.959	28.415	28.211
1.019				
3/19/2016 11:15:00 PM	386100.000	66.711	17.056	150.273
35444.820	41784.660	26.957	28.414	28.213
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3/19/2016 11:30:00 PM	387000.000	66.709	17.056	150.268
35432.488	41770.281	26.947	28.404	28.223
1.019				
3/19/2016 11:45:00 PM	387900.000	66.706	17.057	150.262
35459.484	41801.613	26.969	28.425	28.201
1.019				
3/20/2016 12:00:00 AM	388800.000	66.708	17.057	150.267
35449.430	41789.676	26.961	28.417	28.209
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3/20/2016 12:15:00 AM	389700.000	66.705	17.057	150.259
35443.758	41782.660	26.956	28.412	28.214
1.019				
3/20/2016 12:30:00 AM	390600.000	66.708	17.057	150.267
35454.602	41795.355	26.965	28.421	28.205
1.019				
3/20/2016 12:45:00 AM	391500.000	66.707	17.056	150.264
35468.676	41812.617	26.977	28.433	28.194
1.019				
3/20/2016 1:00:00 AM	392400.000	66.706	17.057	150.262
35483.367	41829.590	26.989	28.444	28.182
1.019				
3/20/2016 1:15:00 AM	393300.000	66.705	17.057	150.260
35466.156	41808.648	26.974	28.430	28.196
1.019				
3/20/2016 1:30:00 AM	394200.000	66.701	17.057	150.251
35458.246	41799.742	26.968	28.424	28.202
1.019				
3/20/2016 1:45:00 AM	395100.000	66.697	17.057	150.243
35448.531	41788.363	26.960	28.416	28.210
1.019				
3/20/2016 2:00:00 AM	396000.000	66.693	17.058	150.233
35471.297	41814.621	26.978	28.434	28.192
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3/20/2016 2:15:00 AM	396900.000	66.694	17.057	150.234
35480.844	41826.207	26.987	28.442	28.184
1.019				
3/20/2016 2:30:00 AM	397800.000	66.688	17.057	150.220
35457.844	41799.016	26.967	28.423	28.203
1.019				
3/20/2016 2:45:00 AM	398700.000	66.684	17.057	150.211
35477.836	41822.836	26.984	28.440	28.187
1.019				
3/20/2016 3:00:00 AM	399600.000	66.685	17.058	150.216
35476.320	41820.543	26.983	28.438	28.188
1.019				
3/20/2016 3:15:00 AM	400500.000	66.680	17.057	150.204
35456.852	41797.922	26.966	28.423	28.203
1.019				
3/20/2016 3:30:00 AM	401400.000	66.675	17.057	150.191
35444.531	41783.234	26.956	28.413	28.213

1.019				
3/20/2016 3:45:00 AM	402300.000	66.681	17.057	150.205
35466.516	41809.148	26.974	28.430	28.196
1.019				
3/20/2016 4:00:00 AM	403200.000	66.678	17.057	150.199
35462.277	41804.570	26.971	28.427	28.199
1.019				
3/20/2016 4:15:00 AM	404100.000	66.681	17.058	150.206
35482.543	41827.715	26.988	28.443	28.183
1.019				
3/20/2016 4:30:00 AM	405000.000	66.678	17.057	150.199
35447.918	41787.227	26.959	28.415	28.210
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3/20/2016 4:45:00 AM	405900.000	66.681	17.057	150.206
35474.172	41818.680	26.981	28.437	28.190
1.019				
3/20/2016 5:00:00 AM	406800.000	66.682	17.058	150.208
35475.738	41819.527	26.982	28.437	28.188
1.019				
3/20/2016 5:15:00 AM	407700.000	66.679	17.058	150.201
35483.938	41829.355	26.989	28.444	28.182
1.019				
3/20/2016 5:30:00 AM	408600.000	66.681	17.058	150.206
35458.777	41799.699	26.968	28.424	28.202
1.019				
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35476.645	41820.844	26.983	28.438	28.188
1.019				
3/20/2016 6:00:00 AM	410400.000	66.695	17.058	150.238
35470.207	41813.008	26.977	28.433	28.193
1.019				
3/20/2016 6:15:00 AM	411300.000	66.693	17.058	150.231
35459.176	41799.840	26.968	28.424	28.201
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3/20/2016 6:30:00 AM	412200.000	66.695	17.058	150.236
35477.398	41821.484	26.983	28.439	28.187
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3/20/2016 6:45:00 AM	413100.000	66.701	17.058	150.250
35450.539	41790.152	26.961	28.417	28.208
1.019				
3/20/2016 7:00:00 AM	414000.000	66.705	17.057	150.260
35465.422	41807.949	26.974	28.429	28.196
1.019				
3/20/2016 7:15:00 AM	414900.000	66.709	17.058	150.268
35458.922	41799.953	26.968	28.424	28.202
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3/20/2016 7:30:00 AM	415800.000	66.710	17.057	150.270
35476.695	41821.074	26.983	28.438	28.188
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3/20/2016 7:45:00 AM	416700.000	66.723	17.058	150.300
35475.281	41819.152	26.982	28.437	28.189
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3/20/2016 8:00:00 AM	417600.000	66.725	17.058	150.304
35459.594	41800.746	26.968	28.425	28.201
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3/20/2016 8:15:00 AM	418500.000	66.730	17.057	150.317
35460.828	41802.445	26.970	28.426	28.200

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35460.348	41801.547	26.969	28.425	28.201
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3/20/2016 9:00:00 AM	421200.000	66.739	17.057	150.336
35460.535	41802.352	26.970	28.426	28.200
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3/20/2016 9:15:00 AM	422100.000	66.746	17.058	150.352
35462.113	41803.793	26.971	28.427	28.199
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3/20/2016 9:30:00 AM	423000.000	66.747	17.057	150.354
35448.879	41788.699	26.960	28.416	28.210
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3/20/2016 9:45:00 AM	423900.000	66.743	17.057	150.344
35468.715	41812.160	26.977	28.432	28.194
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3/20/2016 10:00:00 AM	424800.000	66.744	17.057	150.347
35467.855	41811.145	26.976	28.432	28.195
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3/20/2016 10:15:00 AM	425700.000	66.747	17.058	150.353
35455.258	41795.305	26.965	28.421	28.205
1.019				
3/20/2016 10:30:00 AM	426600.000	66.750	17.057	150.361
35452.320	41792.582	26.963	28.419	28.207
1.019				
3/20/2016 10:45:00 AM	427500.000	66.747	17.057	150.353
35454.523	41795.352	26.965	28.421	28.205
1.019				
3/20/2016 11:00:00 AM	428400.000	66.750	17.057	150.361
35473.551	41817.531	26.980	28.436	28.190
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1.019				
3/20/2016 11:30:00 AM	430200.000	66.745	17.057	150.350
35466.055	41808.945	26.974	28.430	28.196
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3/20/2016 11:45:00 AM	431100.000	66.743	17.057	150.344
35471.922	41815.609	26.979	28.435	28.191
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35451.219	41790.703	26.961	28.418	28.208
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35451.320	41790.742	26.961	28.418	28.208
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35472.660	41816.559	26.980	28.435	28.191
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35451.434	41791.371	26.962	28.418	28.208
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35494.727	41842.160	26.998	28.453	28.173



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3/20/2016 1:15:00 PM	436500.000	66.718	17.058	150.289
35461.930	41803.578	26.970	28.426	28.199
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35466.598	41808.586	26.974	28.430	28.196
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3/20/2016 1:45:00 PM	438300.000	66.708	17.058	150.266
35460.523	41801.840	26.969	28.425	28.200
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35464.246	41806.145	26.972	28.428	28.197
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35463.422	41805.668	26.972	28.428	28.198
1.019				
3/20/2016 2:30:00 PM	441000.000	66.690	17.058	150.225
35461.453	41802.852	26.970	28.426	28.200
1.019				
3/20/2016 2:45:00 PM	441900.000	66.683	17.058	150.211
35457.625	41798.426	26.967	28.423	28.203
1.019				
3/20/2016 3:00:00 PM	442800.000	66.678	17.058	150.199
35456.633	41797.168	26.966	28.422	28.203
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35454.375	41794.762	26.964	28.420	28.205
1.019				
3/20/2016 3:30:00 PM	444600.000	66.668	17.057	150.176
35456.871	41798.121	26.967	28.423	28.203
1.019				
3/20/2016 3:45:00 PM	445500.000	66.666	17.057	150.172
35453.578	41793.898	26.964	28.420	28.206
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3/20/2016 4:00:00 PM	446400.000	66.661	17.057	150.159
35466.223	41809.379	26.975	28.430	28.196
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3/20/2016 4:15:00 PM	447300.000	66.657	17.057	150.152
35439.480	41777.855	26.952	28.409	28.217
1.019				
3/20/2016 4:30:00 PM	448200.000	66.653	17.057	150.143
35469.434	41812.758	26.977	28.433	28.193
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3/20/2016 4:45:00 PM	449100.000	66.656	17.057	150.150
35455.313	41796.195	26.965	28.421	28.205
1.019				
3/20/2016 5:00:00 PM	450000.000	66.645	17.057	150.125
35441.316	41779.695	26.953	28.410	28.216
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35473.684	41817.852	26.981	28.436	28.190
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3/20/2016 5:30:00 PM	451800.000	66.651	17.057	150.138
35462.137	41804.328	26.971	28.427	28.199
1.019				
3/20/2016 5:45:00 PM	452700.000	66.648	17.057	150.132
35483.184	41828.887	26.989	28.444	28.182

1.019				
3/20/2016 6:00:00 PM	453600.000	66.648	17.056	150.132
35459.387	41801.578	26.969	28.425	28.201
1.019				
3/20/2016 6:15:00 PM	454500.000	66.649	17.057	150.133
35450.719	41791.195	26.962	28.418	28.208
1.019				
3/20/2016 6:30:00 PM	455400.000	66.652	17.056	150.140
35453.156	41794.398	26.964	28.420	28.206
1.019				
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35455.137	41796.406	26.965	28.422	28.205
1.019				
3/20/2016 7:00:00 PM	457200.000	66.658	17.056	150.154
35456.836	41798.902	26.967	28.423	28.203
1.019				
3/20/2016 7:15:00 PM	458100.000	66.660	17.057	150.158
35460.328	41802.609	26.970	28.426	28.201
1.019				
3/20/2016 7:30:00 PM	459000.000	66.664	17.057	150.166
35458.391	41800.324	26.968	28.424	28.202
1.019				
3/20/2016 7:45:00 PM	459900.000	66.665	17.056	150.170
35444.855	41785.023	26.957	28.414	28.213
1.019				
3/20/2016 8:00:00 PM	460800.000	66.669	17.056	150.179
35448.332	41788.637	26.960	28.416	28.210
1.019				
3/20/2016 8:15:00 PM	461700.000	66.673	17.056	150.188
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1.019				
3/20/2016 8:30:00 PM	462600.000	66.681	17.056	150.206
35431.973	41769.836	26.946	28.403	28.223
1.019				
3/20/2016 8:45:00 PM	463500.000	66.687	17.055	150.218
35441.836	41781.957	26.955	28.412	28.215
1.019				
3/20/2016 9:00:00 PM	464400.000	66.690	17.056	150.226
35429.098	41766.613	26.944	28.401	28.225
1.019				
3/20/2016 9:15:00 PM	465300.000	66.698	17.056	150.244
35432.410	41770.680	26.947	28.404	28.223
1.019				
3/20/2016 9:30:00 PM	466200.000	66.701	17.055	150.250
35424.852	41762.023	26.941	28.398	28.229
1.019				
3/20/2016 9:45:00 PM	467100.000	66.702	17.056	150.254
35409.508	41743.191	26.927	28.385	28.241
1.019				
3/20/2016 10:00:00 PM	468000.000	66.705	17.056	150.259
35444.383	41784.563	26.957	28.414	28.213
1.019				
3/20/2016 10:15:00 PM	468900.000	66.707	17.055	150.265
35448.809	41790.102	26.961	28.417	28.210
1.019				
3/20/2016 10:30:00 PM	469800.000	66.711	17.055	150.273
35394.645	41727.070	26.916	28.374	28.253

1.019				
3/20/2016 10:45:00 PM	470700.000	66.712	17.056	150.275
35408.328	41742.293	26.927	28.385	28.242
1.019				
3/20/2016 11:00:00 PM	471600.000	66.714	17.055	150.279
35447.629	41788.711	26.960	28.416	28.211
1.019				
3/20/2016 11:15:00 PM	472500.000	66.716	17.055	150.285
35407.195	41741.121	26.926	28.384	28.243
1.019				
3/20/2016 11:30:00 PM	473400.000	66.714	17.055	150.280
35427.902	41765.531	26.943	28.401	28.226
1.019				
3/20/2016 11:45:00 PM	474300.000	66.718	17.055	150.289
35427.828	41765.691	26.943	28.401	28.226
1.019				
3/21/2016 12:00:00 AM	475200.000	66.716	17.055	150.285
35427.621	41765.445	26.943	28.401	28.227
1.019				
3/21/2016 12:15:00 AM	476100.000	66.716	17.056	150.284
35418.711	41754.297	26.935	28.393	28.234
1.019				
3/21/2016 12:30:00 AM	477000.000	66.712	17.056	150.274
35433.945	41772.492	26.948	28.405	28.222
1.019				
3/21/2016 12:45:00 AM	477900.000	66.712	17.056	150.274
35432.266	41770.277	26.947	28.404	28.223
1.019				
3/21/2016 1:00:00 AM	478800.000	66.707	17.056	150.265
35433.340	41770.961	26.947	28.404	28.222
1.019				
3/21/2016 1:15:00 AM	479700.000	66.704	17.056	150.257
35449.645	41790.504	26.961	28.418	28.209
1.019				
3/21/2016 1:30:00 AM	480600.000	66.699	17.056	150.245
35440.688	41779.863	26.953	28.410	28.216
1.019				
3/21/2016 1:45:00 AM	481500.000	66.702	17.056	150.253
35449.363	41789.852	26.961	28.417	28.209
1.019				
3/21/2016 2:00:00 AM	482400.000	66.694	17.056	150.234
35439.895	41778.852	26.953	28.410	28.217
1.019				
3/21/2016 2:15:00 AM	483300.000	66.692	17.056	150.230
35442.355	41781.500	26.955	28.411	28.215
1.019				
3/21/2016 2:30:00 AM	484200.000	66.688	17.056	150.220
35428.508	41766.000	26.944	28.401	28.226
1.019				
3/21/2016 2:45:00 AM	485100.000	66.689	17.057	150.223
35427.941	41764.430	26.942	28.400	28.226
1.019				
3/21/2016 3:00:00 AM	486000.000	66.678	17.056	150.200
35437.598	41776.395	26.951	28.408	28.219
1.019				
3/21/2016 3:15:00 AM	486900.000	66.680	17.056	150.204
35461.613	41804.781	26.971	28.427	28.200

1.019				
3/21/2016 3:30:00 AM	487800.000	66.673	17.056	150.187
35453.242	41794.500	26.964	28.420	28.206
1.019				
3/21/2016 3:45:00 AM	488700.000	66.672	17.056	150.185
35446.590	41786.492	26.958	28.415	28.211
1.019				
3/21/2016 4:00:00 AM	489600.000	66.668	17.056	150.177
35457.438	41799.371	26.967	28.424	28.203
1.019				
3/21/2016 4:15:00 AM	490500.000	66.670	17.056	150.180
35435.754	41774.047	26.949	28.406	28.220
1.019				
3/21/2016 4:30:00 AM	491400.000	66.664	17.057	150.167
35454.063	41794.973	26.964	28.421	28.206
1.019				
3/21/2016 4:45:00 AM	492300.000	66.663	17.056	150.165
35449.840	41790.898	26.961	28.418	28.209
1.019				
3/21/2016 5:00:00 AM	493200.000	66.658	17.056	150.153
35448.750	41789.367	26.960	28.417	28.210
1.019				
3/21/2016 5:15:00 AM	494100.000	66.664	17.056	150.167
35436.832	41775.402	26.950	28.407	28.219
1.019				
3/21/2016 5:30:00 AM	495000.000	66.661	17.056	150.161
35432.336	41770.191	26.947	28.404	28.223
1.019				
3/21/2016 5:45:00 AM	495900.000	66.665	17.056	150.169
35431.691	41769.598	26.946	28.403	28.223
1.019				
3/21/2016 6:00:00 AM	496800.000	66.665	17.056	150.169
35438.477	41777.180	26.952	28.408	28.218
1.019				
3/21/2016 6:15:00 AM	497700.000	66.665	17.055	150.169
35435.945	41774.938	26.950	28.407	28.220
1.019				
3/21/2016 6:30:00 AM	498600.000	66.669	17.056	150.179
35443.102	41783.051	26.956	28.412	28.214
1.019				
3/21/2016 6:45:00 AM	499500.000	66.667	17.056	150.175
35430.219	41767.605	26.945	28.402	28.224
1.019				
3/21/2016 7:00:00 AM	500400.000	66.672	17.055	150.185
35418.875	41754.813	26.936	28.393	28.234
1.019				
3/21/2016 7:15:00 AM	501300.000	66.673	17.056	150.188
35455.652	41797.754	26.966	28.422	28.204
1.019				
3/21/2016 7:30:00 AM	502200.000	66.680	17.056	150.204
35442.484	41781.742	26.955	28.412	28.215
1.019				
3/21/2016 7:45:00 AM	503100.000	66.684	17.056	150.211
35434.289	41772.566	26.948	28.405	28.221
1.019				
3/21/2016 8:00:00 AM	504000.000	66.687	17.056	150.218
35426.984	41763.469	26.942	28.399	28.227

1.019				
3/21/2016 8:15:00 AM	504900.000	66.693	17.056	150.233
35436.309	41775.277	26.950	28.407	28.220
1.019				
3/21/2016 8:30:00 AM	505800.000	66.701	17.056	150.251
35414.309	41749.105	26.931	28.389	28.237
1.019				
3/21/2016 8:45:00 AM	506700.000	66.701	17.056	150.250
35443.789	41783.766	26.956	28.413	28.214
1.019				
3/21/2016 9:00:00 AM	507600.000	66.704	17.056	150.257
35431.957	41769.820	26.946	28.403	28.223
1.019				
3/21/2016 9:15:00 AM	508500.000	66.710	17.056	150.270
35466.168	41809.824	26.975	28.431	28.196
1.019				
3/21/2016 9:30:00 AM	509400.000	66.716	17.056	150.284
35441.254	41780.703	26.954	28.411	28.216
1.019				
3/21/2016 9:45:00 AM	510300.000	66.720	17.057	150.294
35433.992	41771.383	26.947	28.405	28.221
1.019				
3/21/2016 10:00:00 AM	511200.000	66.726	17.056	150.308
35426.191	41762.855	26.941	28.399	28.228
1.019				
3/21/2016 10:15:00 AM	512100.000	66.726	17.057	150.306
35449.590	41789.949	26.961	28.417	28.209
1.019				
3/21/2016 10:30:00 AM	513000.000	66.724	17.056	150.302
35456.590	41798.445	26.967	28.423	28.204
1.019				
3/21/2016 10:45:00 AM	513900.000	66.730	17.057	150.315
35441.625	41779.973	26.954	28.410	28.215
1.019				
3/21/2016 11:00:00 AM	514800.000	66.735	17.057	150.326
35444.461	41783.316	26.956	28.413	28.213
1.019				
3/21/2016 11:15:00 AM	515700.000	66.729	17.057	150.314
35445.059	41784.270	26.957	28.413	28.213
1.019				
3/21/2016 11:30:00 AM	516600.000	66.732	17.057	150.320
35448.578	41788.578	26.960	28.416	28.210
1.019				
3/21/2016 11:45:00 AM	517500.000	66.733	17.057	150.322
35462.492	41804.910	26.971	28.427	28.199
1.019				
3/21/2016 12:00:00 PM	518400.000	66.731	17.057	150.318
35453.406	41793.863	26.964	28.420	28.206
1.019				
3/21/2016 12:15:00 PM	519300.000	66.730	17.057	150.315
35447.398	41786.953	26.959	28.415	28.211
1.019				
3/21/2016 12:30:00 PM	520200.000	66.727	17.057	150.309
35453.355	41793.723	26.963	28.420	28.206
1.019				
3/21/2016 12:45:00 PM	521100.000	66.725	17.058	150.304
35459.254	41800.344	26.968	28.424	28.201

1.019				
3/21/2016 1:00:00 PM	522000.000	66.723	17.058	150.300
35448.289	41787.418	26.959	28.415	28.210
1.019				
3/21/2016 1:15:00 PM	522900.000	66.706	17.057	150.263
35450.555	41790.258	26.961	28.417	28.208
1.019				
3/21/2016 1:30:00 PM	523800.000	66.717	17.058	150.288
35485.234	41831.051	26.990	28.445	28.181
1.019				
3/21/2016 1:45:00 PM	524700.000	66.711	17.058	150.273
35431.363	41767.383	26.945	28.402	28.224
1.019				
3/21/2016 2:00:00 PM	525600.000	66.709	17.058	150.268
35447.984	41786.730	26.958	28.415	28.210
1.019				
3/21/2016 2:15:00 PM	526500.000	66.706	17.057	150.262
35463.691	41805.742	26.972	28.428	28.198
1.019				
3/21/2016 2:30:00 PM	527400.000	66.698	17.058	150.244
35443.320	41781.148	26.954	28.411	28.214
1.019				
3/21/2016 2:45:00 PM	528300.000	66.694	17.057	150.235
35446.578	41785.570	26.958	28.414	28.211
1.019				
3/21/2016 3:00:00 PM	529200.000	66.685	17.058	150.216
35458.551	41798.770	26.967	28.423	28.202
1.019				
3/21/2016 3:15:00 PM	530100.000	66.687	17.058	150.219
35473.078	41816.313	26.980	28.435	28.190
1.019				
3/21/2016 3:30:00 PM	531000.000	66.681	17.058	150.206
35472.125	41815.348	26.979	28.434	28.191
1.019				
3/21/2016 3:45:00 PM	531900.000	66.674	17.058	150.189
35478.523	41823.141	26.984	28.440	28.186
1.019				
3/21/2016 4:00:00 PM	532800.000	66.673	17.058	150.188
35460.551	41801.543	26.969	28.425	28.200
1.019				
3/21/2016 4:15:00 PM	533700.000	66.664	17.058	150.166
35456.453	41796.457	26.965	28.422	28.204
1.019				
3/21/2016 4:30:00 PM	534600.000	66.668	17.058	150.177
35463.930	41805.605	26.972	28.428	28.198
1.019				
3/21/2016 4:45:00 PM	535500.000	66.665	17.057	150.170
35452.082	41792.059	26.962	28.419	28.207
1.019				
3/21/2016 5:00:00 PM	536400.000	66.662	17.058	150.164
35456.500	41796.438	26.965	28.422	28.204
1.019				
3/21/2016 5:15:00 PM	537300.000	66.653	17.058	150.142
35472.512	41815.645	26.979	28.435	28.191
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3/21/2016 5:30:00 PM	538200.000	66.656	17.058	150.148
35457.430	41797.945	26.966	28.423	28.203

1.019				
3/21/2016 5:45:00 PM	539100.000	66.662	17.058	150.164
35468.074	41810.742	26.976	28.431	28.194
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3/21/2016 6:00:00 PM	540000.000	66.658	17.057	150.154
35483.012	41828.762	26.988	28.444	28.183
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3/21/2016 6:15:00 PM	540900.000	66.654	17.058	150.144
35445.773	41784.531	26.957	28.413	28.212
1.019				
3/21/2016 6:30:00 PM	541800.000	66.657	17.057	150.152
35454.184	41794.863	26.964	28.421	28.205
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3/21/2016 6:45:00 PM	542700.000	66.660	17.058	150.157
35450.590	41789.801	26.961	28.417	28.208
1.019				
3/21/2016 7:00:00 PM	543600.000	66.664	17.058	150.166
35473.801	41817.242	26.980	28.436	28.190
1.019				
3/21/2016 7:15:00 PM	544500.000	66.664	17.057	150.166
35465.813	41808.574	26.974	28.430	28.196
1.019				
3/21/2016 7:30:00 PM	545400.000	66.670	17.057	150.181
35466.191	41809.273	26.975	28.430	28.196
1.019				
3/21/2016 7:45:00 PM	546300.000	66.670	17.058	150.181
35474.336	41818.039	26.981	28.436	28.189
1.019				
3/21/2016 8:00:00 PM	547200.000	66.676	17.057	150.194
35451.957	41792.074	26.962	28.419	28.207
1.019				
3/21/2016 8:15:00 PM	548100.000	66.684	17.057	150.211
35448.586	41788.266	26.960	28.416	28.210
1.019				
3/21/2016 8:30:00 PM	549000.000	66.689	17.057	150.223
35462.645	41804.672	26.971	28.427	28.199
1.019				
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35448.738	41788.359	26.960	28.416	28.210
1.019				
3/21/2016 9:00:00 PM	550800.000	66.691	17.057	150.228
35457.688	41799.160	26.967	28.423	28.203
1.019				
3/21/2016 9:15:00 PM	551700.000	66.697	17.057	150.242
35444.922	41783.945	26.956	28.413	28.213
1.019				
3/21/2016 9:30:00 PM	552600.000	66.709	17.057	150.268
35454.258	41794.621	26.964	28.420	28.205
1.019				
3/21/2016 9:45:00 PM	553500.000	66.710	17.057	150.271
35444.270	41782.926	26.956	28.412	28.213
1.019				
3/21/2016 10:00:00 PM	554400.000	66.709	17.058	150.269
35454.586	41794.758	26.964	28.420	28.205
1.019				
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35448.680	41788.047	26.959	28.416	28.210

1.019				
3/21/2016 10:30:00 PM	556200.000	66.725	17.057	150.304
35444.027	41783.215	26.956	28.413	28.213
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35462.813	41804.371	26.971	28.427	28.199
1.019				
3/21/2016 11:00:00 PM	558000.000	66.728	17.057	150.310
35459.371	41800.727	26.968	28.424	28.201
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3/21/2016 11:15:00 PM	558900.000	66.725	17.057	150.306
35439.395	41777.266	26.952	28.409	28.217
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3/21/2016 11:30:00 PM	559800.000	66.739	17.058	150.337
35453.469	41793.523	26.963	28.420	28.206
1.019				
3/21/2016 11:45:00 PM	560700.000	66.734	17.058	150.324
35438.301	41775.559	26.950	28.407	28.218
1.019				
3/22/2016 12:00:00 AM	561600.000	66.737	17.057	150.331
35440.535	41778.609	26.953	28.409	28.216
1.019				
3/22/2016 12:15:00 AM	562500.000	66.733	17.057	150.322
35438.324	41776.004	26.951	28.408	28.218
1.019				
3/22/2016 12:30:00 AM	563400.000	66.727	17.058	150.309
35463.469	41805.063	26.972	28.427	28.198
1.019				
3/22/2016 12:45:00 AM	564300.000	66.731	17.057	150.318
35449.582	41789.273	26.960	28.417	28.209
1.019				
3/22/2016 1:00:00 AM	565200.000	66.732	17.058	150.321
35469.539	41812.219	26.977	28.432	28.193
1.019				
3/22/2016 1:15:00 AM	566100.000	66.731	17.058	150.318
35458.133	41798.773	26.967	28.423	28.202
1.019				
3/22/2016 1:30:00 AM	567000.000	66.728	17.058	150.312
35450.406	41789.090	26.960	28.417	28.208
1.019				
3/22/2016 1:45:00 AM	567900.000	66.729	17.059	150.314
35472.008	41814.469	26.978	28.434	28.191
1.019				
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35465.238	41806.738	26.973	28.429	28.197
1.019				
3/22/2016 2:15:00 AM	569700.000	66.719	17.058	150.291
35459.961	41800.352	26.968	28.424	28.201
1.019				
3/22/2016 2:30:00 AM	570600.000	66.719	17.058	150.290
35455.488	41795.906	26.965	28.421	28.204
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3/22/2016 2:45:00 AM	571500.000	66.712	17.059	150.275
35469.668	41811.547	26.976	28.432	28.193
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3/22/2016 3:00:00 AM	572400.000	66.706	17.059	150.262
35483.684	41827.816	26.988	28.443	28.182



1.019				
3/22/2016 3:15:00 AM	573300.000	66.704	17.058	150.258
35467.555	41809.637	26.975	28.431	28.195
1.019				
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35469.520	41810.953	26.976	28.431	28.193
1.019				
3/22/2016 3:45:00 AM	575100.000	66.696	17.059	150.240
35480.977	41824.625	26.986	28.441	28.184
1.019				
3/22/2016 4:00:00 AM	576000.000	66.695	17.059	150.238
35468.125	41809.648	26.975	28.431	28.194
1.019				
3/22/2016 4:15:00 AM	576900.000	66.695	17.059	150.236
35479.344	41823.117	26.985	28.440	28.185
1.019				
3/22/2016 4:30:00 AM	577800.000	66.690	17.058	150.226
35475.871	41819.441	26.982	28.437	28.188
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3/22/2016 4:45:00 AM	578700.000	66.683	17.058	150.210
35501.453	41849.266	27.003	28.458	28.168
1.019				
3/22/2016 5:00:00 AM	579600.000	66.681	17.058	150.206
35443.652	41781.129	26.954	28.411	28.214
1.019				
3/22/2016 5:15:00 AM	580500.000	66.688	17.059	150.222
35461.711	41802.332	26.970	28.426	28.199
1.019				
3/22/2016 5:30:00 AM	581400.000	66.682	17.058	150.208
35483.047	41827.645	26.988	28.443	28.182
1.019				
3/22/2016 5:45:00 AM	582300.000	66.682	17.059	150.208
35470.813	41812.980	26.977	28.433	28.192
1.019				
3/22/2016 6:00:00 AM	583200.000	66.685	17.059	150.215
35473.668	41816.180	26.980	28.435	28.190
1.019				
3/22/2016 6:15:00 AM	584100.000	66.681	17.058	150.206
35463.641	41804.855	26.971	28.427	28.198
1.019				
3/22/2016 6:30:00 AM	585000.000	66.680	17.059	150.202
35472.309	41814.824	26.979	28.434	28.191
1.019				
3/22/2016 6:45:00 AM	585900.000	66.684	17.058	150.213
35449.227	41787.938	26.959	28.416	28.209
1.019				
3/22/2016 7:00:00 AM	586800.000	66.680	17.058	150.202
35459.523	41799.918	26.968	28.424	28.201
1.019				
3/22/2016 7:15:00 AM	587700.000	66.686	17.058	150.216
35486.824	41832.762	26.991	28.446	28.179
1.019				
3/22/2016 7:30:00 AM	588600.000	66.688	17.058	150.222
35460.938	41802.410	26.970	28.426	28.200
1.019				
3/22/2016 7:45:00 AM	589500.000	66.696	17.058	150.239
35464.664	41806.063	26.972	28.428	28.197

1.019				
3/22/2016 8:00:00 AM	590400.000	66.704	17.058	150.257
35476.258	41820.391	26.983	28.438	28.188
1.019				
3/22/2016 8:15:00 AM	591300.000	66.703	17.058	150.255
35446.867	41785.328	26.957	28.414	28.211
1.019				
3/22/2016 8:30:00 AM	592200.000	66.701	17.058	150.251
35460.645	41801.656	26.969	28.425	28.200
1.019				
3/22/2016 8:45:00 AM	593100.000	66.709	17.059	150.268
35471.133	41813.113	26.977	28.433	28.192
1.019				
3/22/2016 9:00:00 AM	594000.000	66.718	17.058	150.288
35472.258	41814.926	26.979	28.434	28.191
1.019				
3/22/2016 9:15:00 AM	594900.000	66.715	17.058	150.282
35475.914	41819.734	26.982	28.437	28.188
1.019				
3/22/2016 9:30:00 AM	595800.000	66.717	17.058	150.286
35457.578	41797.781	26.966	28.422	28.203
1.019				
3/22/2016 9:45:00 AM	596700.000	66.728	17.057	150.310
35444.211	41782.777	26.956	28.412	28.213
1.019				
3/22/2016 10:00:00 AM	597600.000	66.732	17.058	150.321
35447.637	41786.566	26.958	28.415	28.211
1.019				
3/22/2016 10:15:00 AM	598500.000	66.734	17.058	150.324
35449.000	41787.930	26.959	28.416	28.210
1.019				
3/22/2016 10:30:00 AM	599400.000	66.736	17.058	150.329
35453.113	41792.281	26.962	28.419	28.206
1.019				
3/22/2016 10:45:00 AM	600300.000	66.746	17.059	150.352
35468.000	41809.742	26.975	28.431	28.194
1.019				
3/22/2016 11:00:00 AM	601200.000	66.739	17.058	150.336
35465.289	41807.461	26.973	28.429	28.197
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3/22/2016 11:15:00 AM	602100.000	66.752	17.058	150.365
35472.980	41815.699	26.979	28.435	28.190
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3/22/2016 11:30:00 AM	603000.000	66.744	17.059	150.348
35462.602	41803.379	26.970	28.426	28.199
1.019				
3/22/2016 11:45:00 AM	603900.000	66.744	17.058	150.348
35459.023	41799.328	26.967	28.424	28.202
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3/22/2016 12:00:00 PM	604800.000	66.746	17.059	150.352
35468.258	41809.969	26.975	28.431	28.194
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3/22/2016 12:15:00 PM	605700.000	66.749	17.059	150.358
35452.648	41791.230	26.962	28.418	28.207
1.019				
3/22/2016 12:30:00 PM	606600.000	66.748	17.058	150.357
35472.645	41815.469	26.979	28.435	28.191

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3/22/2016 12:45:00 PM	607500.000	66.744	17.058	150.347
35487.012	41832.816	26.991	28.446	28.179
1.019				
3/22/2016 1:00:00 PM	608400.000	66.745	17.059	150.350
35457.258	41796.836	26.966	28.422	28.203
1.019				
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35464.191	41804.672	26.971	28.427	28.197
1.019				
3/22/2016 1:30:00 PM	610200.000	66.736	17.058	150.329
35473.938	41816.828	26.980	28.435	28.190
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3/22/2016 1:45:00 PM	611100.000	66.735	17.058	150.327
35449.121	41787.574	26.959	28.416	28.209
1.019				
3/22/2016 2:00:00 PM	612000.000	66.730	17.058	150.315
35456.660	41796.543	26.966	28.422	28.203
1.019				
3/22/2016 2:15:00 PM	612900.000	66.735	17.059	150.327
35452.160	41790.586	26.961	28.418	28.207
1.019				
3/22/2016 2:30:00 PM	613800.000	66.728	17.059	150.312
35449.488	41787.340	26.959	28.415	28.209
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35467.664	41809.105	26.975	28.430	28.195
1.019				
3/22/2016 3:00:00 PM	615600.000	66.717	17.059	150.286
35480.793	41824.406	26.985	28.441	28.184
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35476.074	41819.512	26.982	28.437	28.188
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3/22/2016 3:30:00 PM	617400.000	66.712	17.059	150.275
35458.480	41798.105	26.967	28.423	28.202
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3/22/2016 3:45:00 PM	618300.000	66.706	17.059	150.262
35472.375	41814.484	26.978	28.434	28.191
1.019				
3/22/2016 4:00:00 PM	619200.000	66.702	17.058	150.253
35471.633	41814.938	26.979	28.434	28.192
1.019				
3/22/2016 4:15:00 PM	620100.000	66.695	17.058	150.236
35467.000	41808.980	26.974	28.430	28.195
1.019				
3/22/2016 4:30:00 PM	621000.000	66.689	17.059	150.224
35475.195	41818.148	26.981	28.436	28.189
1.019				
3/22/2016 4:45:00 PM	621900.000	66.685	17.058	150.216
35471.855	41814.453	26.978	28.434	28.191
1.019				
3/22/2016 5:00:00 PM	622800.000	66.687	17.058	150.219
35471.840	41814.520	26.978	28.434	28.191
1.019				
3/22/2016 5:15:00 PM	623700.000	66.680	17.058	150.202
35443.309	41780.961	26.954	28.411	28.214

1.019				
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35462.492	41803.336	26.970	28.426	28.199
1.019				
3/22/2016 5:45:00 PM	625500.000	66.680	17.059	150.204
35462.113	41802.387	26.970	28.426	28.199
1.019				
3/22/2016 6:00:00 PM	626400.000	66.671	17.058	150.182
35456.707	41796.516	26.965	28.422	28.203
1.019				
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35473.621	41816.371	26.980	28.435	28.190
1.019				
3/22/2016 6:30:00 PM	628200.000	66.676	17.058	150.194
35462.648	41803.934	26.971	28.427	28.199
1.019				
3/22/2016 6:45:00 PM	629100.000	66.684	17.058	150.211
35450.012	41788.863	26.960	28.416	28.209
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3/22/2016 7:00:00 PM	630000.000	66.676	17.058	150.194
35451.316	41790.242	26.961	28.417	28.208
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3/22/2016 7:15:00 PM	630900.000	66.679	17.058	150.201
35440.406	41777.875	26.952	28.409	28.216
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3/22/2016 7:30:00 PM	631800.000	66.687	17.058	150.219
35457.227	41797.461	26.966	28.422	28.203
1.019				
3/22/2016 7:45:00 PM	632700.000	66.682	17.058	150.208
35466.863	41808.984	26.974	28.430	28.195
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3/22/2016 8:00:00 PM	633600.000	66.688	17.058	150.222
35479.648	41823.559	26.985	28.440	28.185
1.019				
3/22/2016 8:15:00 PM	634500.000	66.691	17.058	150.228
35464.730	41806.473	26.973	28.428	28.197
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3/22/2016 8:30:00 PM	635400.000	66.697	17.058	150.243
35437.586	41774.551	26.950	28.407	28.219
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35457.090	41797.379	26.966	28.422	28.203
1.019				
3/22/2016 9:00:00 PM	637200.000	66.703	17.058	150.254
35462.207	41803.574	26.971	28.426	28.199
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3/22/2016 9:15:00 PM	638100.000	66.709	17.058	150.268
35472.625	41815.855	26.979	28.435	28.191
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35431.816	41767.672	26.945	28.402	28.223
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3/22/2016 9:45:00 PM	639900.000	66.718	17.058	150.288
35452.402	41791.855	26.962	28.418	28.207
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35435.801	41772.863	26.949	28.406	28.220

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3/22/2016 10:15:00 PM	641700.000	66.726	17.058	150.307
35443.309	41780.723	26.954	28.411	28.214
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35425.621	41760.109	26.939	28.397	28.228
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35447.340	41785.711	26.958	28.414	28.211
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35470.039	41812.887	26.977	28.433	28.193
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35465.531	41807.156	26.973	28.429	28.196
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35448.309	41787.355	26.959	28.415	28.210
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3/22/2016 11:45:00 PM	647100.000	66.746	17.058	150.351
35444.523	41782.488	26.955	28.412	28.213
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35470.039	41812.473	26.977	28.432	28.193
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3/23/2016 12:15:00 AM	648900.000	66.753	17.059	150.367
35455.551	41795.070	26.964	28.421	28.204
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35449.758	41789.066	26.960	28.417	28.209
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3/23/2016 12:45:00 AM	650700.000	66.753	17.058	150.368
35464.895	41806.824	26.973	28.429	28.197
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35466.270	41807.461	26.973	28.429	28.196
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35444.234	41781.648	26.955	28.412	28.213
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35441.387	41778.293	26.952	28.409	28.216
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35463.586	41804.539	26.971	28.427	28.198
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35440.926	41777.664	26.952	28.409	28.216
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35477.535	41821.402	26.983	28.439	28.187
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35437.461	41773.910	26.949	28.406	28.219
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35468.219	41810.664	26.976	28.431	28.194

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35443.066	41780.273	26.954	28.411	28.214
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35465.586	41806.820	26.973	28.429	28.196
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35448.711	41787.172	26.959	28.415	28.210
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35471.805	41814.480	26.978	28.434	28.191
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35462.441	41803.688	26.971	28.427	28.199
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35459.980	41800.707	26.968	28.424	28.201
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35454.578	41793.844	26.964	28.420	28.205
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35464.324	41805.574	26.972	28.428	28.197
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35452.582	41791.734	26.962	28.418	28.207
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35441.594	41779.031	26.953	28.410	28.215
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35460.262	41801.363	26.969	28.425	28.201
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35470.758	41813.906	26.978	28.433	28.192
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3/23/2016 6:00:00 AM	669600.000	66.694	17.058	150.235
35469.129	41811.816	26.976	28.432	28.194
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35449.746	41789.305	26.960	28.417	28.209
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35463.332	41805.152	26.972	28.428	28.198
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35430.645	41766.949	26.944	28.402	28.224
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35450.297	41789.699	26.961	28.417	28.209
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35432.617	41769.277	26.946	28.403	28.223
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3/23/2016 7:30:00 AM	675000.000	66.686	17.058	150.217
35425.531	41760.422	26.940	28.397	28.228

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35430.645	41767.531	26.945	28.402	28.224
1.019				
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35458.738	41800.234	26.968	28.424	28.202
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35427.121	41763.125	26.942	28.399	28.227
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35424.805	41760.230	26.939	28.397	28.229
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35433.348	41770.215	26.947	28.404	28.222
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35422.758	41757.816	26.938	28.395	28.230
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35421.496	41756.582	26.937	28.394	28.231
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35425.422	41760.629	26.940	28.397	28.228
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35461.410	41803.801	26.971	28.427	28.200
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3/23/2016 10:00:00 AM	684000.000	66.718	17.057	150.288
35446.090	41785.645	26.958	28.414	28.212
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3/23/2016 10:15:00 AM	684900.000	66.717	17.057	150.286
35432.949	41769.746	26.946	28.403	28.222
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3/23/2016 10:30:00 AM	685800.000	66.726	17.056	150.308
35421.176	41756.699	26.937	28.395	28.232
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35416.902	41751.332	26.933	28.391	28.235
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35413.047	41747.117	26.930	28.388	28.238
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35406.348	41738.973	26.924	28.383	28.244
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35412.559	41745.957	26.929	28.387	28.239
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35428.637	41765.070	26.943	28.400	28.226
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35416.387	41750.977	26.933	28.391	28.236
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35410.691	41744.676	26.928	28.386	28.240

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35430.383	41767.387	26.945	28.402	28.224
1.019				
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35392.328	41722.199	26.912	28.371	28.255
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35443.852	41783.188	26.956	28.413	28.214
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35405.785	41738.227	26.924	28.382	28.244
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35427.535	41764.359	26.942	28.400	28.227
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35410.488	41744.508	26.928	28.386	28.240
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3/23/2016 2:00:00 PM	698400.000	66.722	17.056	150.298
35409.824	41743.316	26.927	28.385	28.241
1.019				
3/23/2016 2:15:00 PM	699300.000	66.727	17.056	150.309
35431.133	41768.523	26.945	28.403	28.224
1.019				
3/23/2016 2:30:00 PM	700200.000	66.719	17.057	150.290
35432.137	41769.289	26.946	28.403	28.223
1.019				
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35401.223	41733.266	26.920	28.379	28.248
1.019				
3/23/2016 3:00:00 PM	702000.000	66.709	17.057	150.268
35432.633	41769.711	26.946	28.403	28.223
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3/23/2016 3:15:00 PM	702900.000	66.700	17.056	150.249
35430.848	41768.102	26.945	28.402	28.224
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3/23/2016 3:30:00 PM	703800.000	66.697	17.057	150.243
35406.184	41738.531	26.924	28.382	28.244
1.019				
3/23/2016 3:45:00 PM	704700.000	66.693	17.057	150.232
35426.660	41762.418	26.941	28.398	28.227
1.019				
3/23/2016 4:00:00 PM	705600.000	66.685	17.056	150.216
35422.453	41758.129	26.938	28.396	28.231
1.019				
3/23/2016 4:15:00 PM	706500.000	66.684	17.057	150.211
35420.273	41754.805	26.936	28.393	28.232
1.019				
3/23/2016 4:30:00 PM	707400.000	66.681	17.056	150.205
35436.043	41774.059	26.949	28.406	28.220
1.019				
3/23/2016 4:45:00 PM	708300.000	66.678	17.056	150.199
35440.086	41778.914	26.953	28.410	28.217
1.019				
3/23/2016 5:00:00 PM	709200.000	66.673	17.057	150.187
35420.551	41755.379	26.936	28.394	28.232



1.019				
3/23/2016 5:15:00 PM	710100.000	66.671	17.057	150.183
35408.629	41741.484	26.926	28.384	28.242
1.019				
3/23/2016 5:30:00 PM	711000.000	66.664	17.056	150.167
35426.207	41762.555	26.941	28.399	28.228
1.019				
3/23/2016 5:45:00 PM	711900.000	66.666	17.056	150.172
35407.078	41740.004	26.925	28.383	28.243
1.019				
3/23/2016 6:00:00 PM	712800.000	66.662	17.057	150.162
35417.098	41751.563	26.933	28.391	28.235
1.019				
3/23/2016 6:15:00 PM	713700.000	66.658	17.057	150.153
35414.488	41748.156	26.931	28.389	28.237
1.019				
3/23/2016 6:30:00 PM	714600.000	66.659	17.057	150.156
35424.223	41759.797	26.939	28.397	28.229
1.019				
3/23/2016 6:45:00 PM	715500.000	66.659	17.057	150.156
35438.902	41777.266	26.952	28.409	28.218
1.019				
3/23/2016 7:00:00 PM	716400.000	66.658	17.057	150.154
35432.551	41769.777	26.946	28.403	28.223
1.019				
3/23/2016 7:15:00 PM	717300.000	66.676	17.057	150.193
35437.449	41775.137	26.950	28.407	28.219
1.019				
3/23/2016 7:30:00 PM	718200.000	66.661	17.057	150.161
35460.891	41803.023	26.970	28.426	28.200
1.019				
3/23/2016 7:45:00 PM	719100.000	66.661	17.057	150.159
35418.797	41753.238	26.934	28.392	28.234
1.019				
3/23/2016 8:00:00 PM	720000.000	66.668	17.057	150.176
35432.309	41769.078	26.946	28.403	28.223
1.019				
3/23/2016 8:15:00 PM	720900.000	66.668	17.057	150.176
35443.746	41782.648	26.955	28.412	28.214
1.019				
3/23/2016 8:30:00 PM	721800.000	66.669	17.057	150.179
35430.289	41767.199	26.944	28.402	28.224
1.019				
3/23/2016 8:45:00 PM	722700.000	66.688	17.057	150.221
35446.168	41785.918	26.958	28.414	28.212
1.019				
3/23/2016 9:00:00 PM	723600.000	66.680	17.057	150.204
35419.195	41753.941	26.935	28.393	28.233
1.019				
3/23/2016 9:15:00 PM	724500.000	66.681	17.056	150.205
35405.094	41737.574	26.923	28.382	28.245
1.019				
3/23/2016 9:30:00 PM	725400.000	66.689	17.057	150.223
35429.715	41766.184	26.944	28.401	28.225
1.019				
3/23/2016 9:45:00 PM	726300.000	66.691	17.057	150.228
35424.777	41760.699	26.940	28.397	28.229

1.019				
3/23/2016 10:00:00 PM	727200.000	66.696	17.056	150.240
35426.438	41762.738	26.941	28.399	28.228
1.019				
3/23/2016 10:15:00 PM	728100.000	66.704	17.057	150.257
35420.113	41755.023	26.936	28.393	28.233
1.019				
3/23/2016 10:30:00 PM	729000.000	66.702	17.056	150.254
35428.324	41765.125	26.943	28.400	28.226
1.019				
3/23/2016 10:45:00 PM	729900.000	66.712	17.057	150.274
35404.828	41737.184	26.923	28.381	28.245
1.019				
3/23/2016 11:00:00 PM	730800.000	66.714	17.057	150.280
35405.355	41737.805	26.923	28.382	28.244
1.019				
3/23/2016 11:15:00 PM	731700.000	66.718	17.056	150.288
35413.035	41747.348	26.930	28.388	28.238
1.019				
3/23/2016 11:30:00 PM	732600.000	66.720	17.056	150.294
35409.941	41743.453	26.927	28.386	28.241
1.019				
3/23/2016 11:45:00 PM	733500.000	66.725	17.056	150.304
35437.719	41776.125	26.951	28.408	28.219
1.019				

Report Date: 3/24/2016 2:15:33 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-3S Pre Test\_2016-03-24\_13-10-56-926.wsl  
Create Date: 3/24/2016 1:10:47 PM

Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-3S  
Device Name:  
Serial Number: 396211  
Firmware Version: 2.00  
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

## Log Notes:

Date and Time	Note
3/13/2015 6:58:21 PM	Used Battery: 2% Used Memory: 6% User Name: nreynolds
3/20/2015 4:02:16 PM	Log Download - Used Battery: 2% Used Memory: 6% User Name: GSSI
3/27/2015 10:43:18 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: GSSI
4/3/2015 1:47:20 PM	Log Download - Used Battery: 3% Used Memory: 7% User Name: ECrowWillard
4/10/2015 8:44:27 AM	Log Download - Used Battery: 3% Used Memory: 9% User Name: ECrowWillard
4/17/2015 12:18:16 PM	Log Download - Used Battery: 4% Used Memory: 9% User Name: AKieta
4/21/2015 2:05:08 PM	Log Download - Used Battery: 4% Used Memory: 9% User Name: ECrowWillard
4/24/2015 11:08:41 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard
4/24/2015 11:12:58 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard
4/30/2015 2:05:50 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: GSSI
5/7/2015 12:30:29 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: ECrowWillard Interval -
Start Time: 4/30/2015 2:00:00 PM	
5/14/2015 4:06:35 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: BDuarte
5/21/2015 11:34:25 AM	Log Download - Used Battery: 5% Used Memory: 14% User Name: CShaw
5/28/2015 9:06:35 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: ECrowWillard Interval
- Start Time: 5/7/2015 12:30:00 PM	
6/4/2015 12:21:35 PM	Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte
6/11/2015 11:48:09 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte Interval -
Start Time: 6/4/2015 12:15:00 PM	
6/17/2015 8:00:33 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw Interval - Start
Time: 5/21/2015 11:30:00 AM	
6/18/2015 8:47:14 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw
6/25/2015 8:49:41 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: BDuarte Interval -
Start Time: 6/11/2015 11:45:00 AM	
6/30/2015 11:08:57 AM	Log Download - Used Battery: 7% Used Memory: 18% User Name: BDuarte
7/2/2015 9:20:45 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/7/2015 11:29:49 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/7/2015 11:41:02 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/9/2015 9:14:34 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: BDuarte Interval - Start
Time: 6/30/2015 11:00:00 AM	
7/13/2015 12:23:25 PM	Log Download - Used Battery: 8% Used Memory: 20% User Name: BDuarte Interval -
Start Time: 7/9/2015 9:00:00 AM	
7/16/2015 9:03:17 AM	Log Download - Used Battery: 8% Used Memory: 20% User Name: CShaw Interval - Start
Time: 7/7/2015 11:30:00 AM	
7/23/2015 4:42:43 PM	Log Download - Used Battery: 9% Used Memory: 20% User Name: KMakar
7/30/2015 10:25:24 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: BDuarte Interval -
Start Time: 7/13/2015 12:15:00 PM	
8/6/2015 3:00:32 PM	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 1:34:06 PM	Log Download - Used Battery: 10% Used Memory: 23% User Name: KMakar Interval -
Start Time: 7/23/2015 4:30:00 PM	
8/20/2015 11:01:51 AM	Log Download - Used Battery: 10% Used Memory: 23% User Name: BDuarte Interval -
Start Time: 7/30/2015 10:15:00 AM	
8/27/2015 10:58:35 AM	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 9:39:18 AM	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 11:32:29 AM 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 10:53:29 AM 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 9:32:11 AM 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 2:15:31 PM 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 10:29:24 AM 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 1:16:08 PM 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 11:17:58 AM 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 3:30:30 PM 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 2:29:05 PM 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 10:01:46 AM 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 10:03:57 AM 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 10:11:46 AM 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 3:27:59 PM 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 9:54:20 AM 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 11:09:04 AM 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 9:22:13 AM 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 10:49:45 AM 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 10:43:45 AM 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 10:40:19 AM 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 8:38:26 AM 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 12:00:30 PM 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 2:16:17 PM 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 9:33:23 AM 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 9:16:42 AM 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 9:09:02 AM 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 12:22:33 PM 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 9:37:12 AM 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 10:21:09 AM 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 7:50:54 PM 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 1:10:13 PM 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

Log Data:

Record Count: 868

Sensors: 1

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

Time Zone: Pacific Daylight Time

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	
Elapsed Time	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#:
SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#:
396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#: 396211	SN#:
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	
Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)		
Resistivity (ohm-cm)	Water Density (g/cm3)				
3/17/2016 12:00:00 AM	129600.000	20.597	16.871	46.397	
32302.020	38239.461	24.430	26.003	30.958	
1.017					
3/17/2016 12:15:00 AM	130500.000	20.600	16.872	46.404	
32314.400	38252.902	24.439	26.012	30.946	
1.017					
3/17/2016 12:30:00 AM	131400.000	20.600	16.873	46.405	
32300.299	38235.441	24.427	26.000	30.959	
1.017					
3/17/2016 12:45:00 AM	132300.000	20.595	16.870	46.392	
32283.705	38218.004	24.414	25.988	30.975	
1.017					
3/17/2016 1:00:00 AM	133200.000	20.598	16.869	46.399	
32286.354	38222.055	24.417	25.991	30.973	
1.017					
3/17/2016 1:15:00 AM	134100.000	20.597	16.871	46.398	
32319.041	38259.387	24.444	26.016	30.942	
1.017					
3/17/2016 1:30:00 AM	135000.000	20.604	16.872	46.412	
32300.705	38236.906	24.428	26.001	30.959	
1.017					
3/17/2016 1:45:00 AM	135900.000	20.595	16.872	46.393	
32307.875	38245.105	24.434	26.007	30.952	
1.017					
3/17/2016 2:00:00 AM	136800.000	20.598	16.872	46.400	
32305.314	38242.074	24.431	26.005	30.955	
1.017					
3/17/2016 2:15:00 AM	137700.000	20.597	16.872	46.397	

32288.148	38221.898	24.417	25.991	30.971
1.017				
3/17/2016 2:30:00 AM	138600.000	20.603	16.869	46.410
32294.414	38231.750	24.424	25.998	30.965
1.017				
3/17/2016 2:45:00 AM	139500.000	20.597	16.868	46.397
32308.463	38249.516	24.437	26.010	30.952
1.017				
3/17/2016 3:00:00 AM	140400.000	20.600	16.872	46.403
32296.963	38232.715	24.425	25.998	30.963
1.017				
3/17/2016 3:15:00 AM	141300.000	20.600	16.871	46.404
32300.939	38238.254	24.429	26.002	30.959
1.017				
3/17/2016 3:30:00 AM	142200.000	20.601	16.872	46.405
32324.539	38265.277	24.448	26.020	30.936
1.017				
3/17/2016 3:45:00 AM	143100.000	20.601	16.869	46.407
32345.436	38291.914	24.467	26.039	30.916
1.017				
3/17/2016 4:00:00 AM	144000.000	20.596	16.870	46.395
32324.230	38266.063	24.448	26.021	30.937
1.017				
3/17/2016 4:15:00 AM	144900.000	20.599	16.870	46.402
32306.676	38245.805	24.434	26.007	30.953
1.017				
3/17/2016 4:30:00 AM	145800.000	20.601	16.873	46.407
32284.854	38217.395	24.414	25.988	30.974
1.017				
3/17/2016 4:45:00 AM	146700.000	20.598	16.872	46.400
32291.980	38226.738	24.421	25.994	30.967
1.017				
3/17/2016 5:00:00 AM	147600.000	20.599	16.874	46.402
32304.299	38239.496	24.430	26.003	30.956
1.017				
3/17/2016 5:15:00 AM	148500.000	20.598	16.874	46.400
32312.926	38249.711	24.437	26.010	30.947
1.017				
3/17/2016 5:30:00 AM	149400.000	20.600	16.874	46.403
32315.113	38252.301	24.439	26.012	30.945
1.017				
3/17/2016 5:45:00 AM	150300.000	20.599	16.873	46.401
32308.531	38244.891	24.433	26.007	30.952
1.017				
3/17/2016 6:00:00 AM	151200.000	20.603	16.873	46.410
32339.881	38282.535	24.460	26.032	30.922
1.017				
3/17/2016 6:15:00 AM	152100.000	20.598	16.872	46.399
32303.580	38239.945	24.430	26.003	30.956
1.017				
3/17/2016 6:30:00 AM	153000.000	20.598	16.872	46.400
32316.871	38256.047	24.441	26.014	30.944
1.017				
3/17/2016 6:45:00 AM	153900.000	20.599	16.873	46.402
32319.268	38258.207	24.443	26.016	30.941

1.017				
3/17/2016 7:00:00 AM	154800.000	20.599	16.873	46.402
32313.135	38250.492	24.437	26.010	30.947
1.017				
3/17/2016 7:15:00 AM	155700.000	20.596	16.872	46.394
32321.313	38260.852	24.445	26.017	30.939
1.017				
3/17/2016 7:30:00 AM	156600.000	20.597	16.874	46.397
32319.490	38257.328	24.442	26.015	30.941
1.017				
3/17/2016 7:45:00 AM	157500.000	20.598	16.872	46.400
32323.172	38262.984	24.446	26.019	30.938
1.017				
3/17/2016 8:00:00 AM	158400.000	20.598	16.875	46.399
32330.531	38269.801	24.451	26.023	30.931
1.017				
3/17/2016 8:15:00 AM	159300.000	20.600	16.876	46.403
32328.891	38266.859	24.449	26.021	30.932
1.017				
3/17/2016 8:30:00 AM	160200.000	20.597	16.872	46.397
32307.738	38245.168	24.434	26.007	30.952
1.017				
3/17/2016 8:45:00 AM	161100.000	20.597	16.873	46.398
32321.189	38260.105	24.444	26.017	30.939
1.017				
3/17/2016 9:00:00 AM	162000.000	20.598	16.874	46.399
32339.992	38281.828	24.460	26.032	30.921
1.017				
3/17/2016 9:15:00 AM	162900.000	20.599	16.873	46.401
32319.254	38258.191	24.443	26.016	30.941
1.017				
3/17/2016 9:30:00 AM	163800.000	20.599	16.873	46.402
32334.975	38276.273	24.456	26.028	30.926
1.017				
3/17/2016 9:45:00 AM	164700.000	20.598	16.873	46.399
32310.930	38247.883	24.436	26.009	30.949
1.017				
3/17/2016 10:00:00 AM	165600.000	20.595	16.874	46.393
32332.971	38273.520	24.454	26.026	30.928
1.017				
3/17/2016 10:15:00 AM	166500.000	20.599	16.872	46.401
32304.930	38241.910	24.431	26.005	30.955
1.017				
3/17/2016 10:30:00 AM	167400.000	20.595	16.873	46.393
32311.836	38248.801	24.436	26.009	30.948
1.017				
3/17/2016 10:45:00 AM	168300.000	20.595	16.875	46.393
32302.398	38236.496	24.428	26.001	30.957
1.017				
3/17/2016 11:00:00 AM	169200.000	20.599	16.871	46.401
32318.875	38259.332	24.444	26.016	30.942
1.017				
3/17/2016 11:15:00 AM	170100.000	20.596	16.873	46.394
32326.602	38266.578	24.449	26.021	30.934
1.017				



3/17/2016 11:30:00 AM 32331.705 1.017	171000.000 38273.844	20.598 24.454	16.872 26.026	46.399 30.929
3/17/2016 11:45:00 AM 32343.910 1.017	171900.000 38286.770	20.597 24.463	16.873 26.035	46.397 30.918
3/17/2016 12:00:00 PM 32332.078 1.017	172800.000 38273.754	20.597 24.454	16.872 26.026	46.398 30.929
3/17/2016 12:15:00 PM 32327.297 1.017	173700.000 38268.543	20.597 24.450	16.872 26.023	46.397 30.934
3/17/2016 12:30:00 PM 32342.227 1.017	174600.000 38287.594	20.595 24.463	16.870 26.036	46.393 30.919
3/17/2016 12:45:00 PM 32347.652 1.017	175500.000 38292.723	20.596 24.467	16.872 26.039	46.394 30.914
3/17/2016 1:00:00 PM 32338.408 1.017	176400.000 38283.219	20.596 24.460	16.870 26.033	46.395 30.923
3/17/2016 1:15:00 PM 32296.621 1.017	177300.000 38233.602	20.593 24.425	16.870 25.999	46.388 30.963
3/17/2016 1:30:00 PM 32341.861 1.017	178200.000 38286.543	20.596 24.463	16.871 26.035	46.394 30.920
3/17/2016 1:45:00 PM 32367.230 1.017	179100.000 38316.883	20.595 24.484	16.870 26.055	46.392 30.895
3/17/2016 2:00:00 PM 32326.314 1.017	180000.000 38268.605	20.594 24.450	16.870 26.023	46.391 30.935
3/17/2016 2:15:00 PM 32325.035 1.017	180900.000 38268.297	20.595 24.450	16.869 26.022	46.392 30.936
3/17/2016 2:30:00 PM 32331.482 1.017	181800.000 38275.711	20.597 24.455	16.869 26.027	46.397 30.930
3/17/2016 2:45:00 PM 32321.844 1.017	182700.000 38264.520	20.597 24.447	16.869 26.020	46.397 30.939
3/17/2016 3:00:00 PM 32326.682 1.017	183600.000 38272.531	20.592 24.453	16.866 26.025	46.385 30.934
3/17/2016 3:15:00 PM 32330.088 1.017	184500.000 38273.828	20.594 24.454	16.869 26.026	46.389 30.931
3/17/2016 3:30:00 PM 32354.402 1.017	185400.000 38304.133	20.596 24.475	16.868 26.047	46.394 30.908
3/17/2016 3:45:00 PM 32352.010 1.017	186300.000 38300.852	20.596 24.473	16.868 26.045	46.395 30.910
3/17/2016 4:00:00 PM	187200.000	20.592	16.870	46.385

32336.002	38280.598	24.459	26.031	30.925
1.017				
3/17/2016 4:15:00 PM	188100.000	20.590	16.869	46.382
32333.162	38278.070	24.457	26.029	30.928
1.017				
3/17/2016 4:30:00 PM	189000.000	20.588	16.869	46.376
32341.637	38287.414	24.463	26.035	30.920
1.017				
3/17/2016 4:45:00 PM	189900.000	20.590	16.869	46.380
32350.004	38297.637	24.471	26.042	30.912
1.017				
3/17/2016 5:00:00 PM	190800.000	20.592	16.866	46.385
32293.086	38232.906	24.425	25.998	30.966
1.017				
3/17/2016 5:15:00 PM	191700.000	20.593	16.867	46.387
32334.674	38281.234	24.459	26.031	30.927
1.017				
3/17/2016 5:30:00 PM	192600.000	20.588	16.868	46.376
32338.645	38284.941	24.462	26.034	30.923
1.017				
3/17/2016 5:45:00 PM	193500.000	20.592	16.868	46.385
32315.922	38258.648	24.443	26.016	30.944
1.017				
3/17/2016 6:00:00 PM	194400.000	20.588	16.868	46.376
32366.459	38318.031	24.485	26.056	30.896
1.017				
3/17/2016 6:15:00 PM	195300.000	20.590	16.870	46.381
32339.160	38283.738	24.461	26.033	30.922
1.017				
3/17/2016 6:30:00 PM	196200.000	20.588	16.870	46.377
32338.949	38283.563	24.461	26.033	30.922
1.017				
3/17/2016 6:45:00 PM	197100.000	20.589	16.868	46.379
32355.023	38304.641	24.475	26.047	30.907
1.017				
3/17/2016 7:00:00 PM	198000.000	20.588	16.870	46.376
32364.697	38314.418	24.482	26.054	30.898
1.017				
3/17/2016 7:15:00 PM	198900.000	20.587	16.868	46.373
32310.371	38251.242	24.438	26.011	30.950
1.017				
3/17/2016 7:30:00 PM	199800.000	20.588	16.871	46.376
32366.385	38315.730	24.483	26.055	30.896
1.017				
3/17/2016 7:45:00 PM	200700.000	20.585	16.869	46.370
32360.777	38310.234	24.479	26.051	30.902
1.017				
3/17/2016 8:00:00 PM	201600.000	20.586	16.864	46.372
32378.770	38335.719	24.497	26.068	30.884
1.018				
3/17/2016 8:15:00 PM	202500.000	20.586	16.868	46.372
32360.361	38310.578	24.480	26.051	30.902
1.017				
3/17/2016 8:30:00 PM	203400.000	20.586	16.869	46.371
32356.361	38305.316	24.476	26.048	30.906

1.017				
3/17/2016 8:45:00 PM	204300.000	20.587	16.869	46.375
32365.438	38316.059	24.484	26.055	30.897
1.017				
3/17/2016 9:00:00 PM	205200.000	20.586	16.870	46.372
32334.260	38277.938	24.457	26.029	30.927
1.017				
3/17/2016 9:15:00 PM	206100.000	20.587	16.869	46.375
32375.154	38327.254	24.491	26.063	30.888
1.017				
3/17/2016 9:30:00 PM	207000.000	20.586	16.869	46.371
32405.623	38363.551	24.517	26.087	30.859
1.018				
3/17/2016 9:45:00 PM	207900.000	20.584	16.869	46.367
32370.688	38322.344	24.488	26.059	30.892
1.017				
3/17/2016 10:00:00 PM	208800.000	20.582	16.870	46.364
32346.004	38292.063	24.467	26.039	30.916
1.017				
3/17/2016 10:15:00 PM	209700.000	20.585	16.869	46.370
32384.486	38338.379	24.499	26.070	30.879
1.018				
3/17/2016 10:30:00 PM	210600.000	20.584	16.869	46.367
32371.846	38323.180	24.489	26.060	30.891
1.017				
3/17/2016 10:45:00 PM	211500.000	20.584	16.870	46.368
32343.061	38288.578	24.464	26.036	30.919
1.017				
3/17/2016 11:00:00 PM	212400.000	20.579	16.870	46.357
32393.914	38348.699	24.507	26.077	30.870
1.018				
3/17/2016 11:15:00 PM	213300.000	20.588	16.868	46.376
32341.980	38288.742	24.464	26.036	30.920
1.017				
3/17/2016 11:30:00 PM	214200.000	20.582	16.869	46.363
32382.424	38336.086	24.498	26.069	30.881
1.018				
3/17/2016 11:45:00 PM	215100.000	20.580	16.871	46.358
32345.895	38291.020	24.466	26.038	30.916
1.017				
3/18/2016 12:00:00 AM	216000.000	20.581	16.870	46.360
32355.289	38303.281	24.475	26.046	30.907
1.017				
3/18/2016 12:15:00 AM	216900.000	20.584	16.869	46.367
32337.129	38282.164	24.460	26.032	30.924
1.017				
3/18/2016 12:30:00 AM	217800.000	20.580	16.868	46.358
32345.105	38292.750	24.467	26.039	30.917
1.017				
3/18/2016 12:45:00 AM	218700.000	20.580	16.871	46.358
32389.781	38343.426	24.503	26.074	30.874
1.018				
3/18/2016 1:00:00 AM	219600.000	20.578	16.871	46.354
32393.262	38347.160	24.506	26.076	30.871
1.018				

3/18/2016 1:15:00 AM 32402.826 1.018	220500.000 38359.180	20.579 24.514	16.870 26.084	46.357 30.862
3/18/2016 1:30:00 AM 32391.842 1.018	221400.000 38347.090	20.577 24.505	16.869 26.076	46.351 30.872
3/18/2016 1:45:00 AM 32399.168 1.018	222300.000 38356.594	20.582 24.512	16.868 26.082	46.363 30.865
3/18/2016 2:00:00 AM 32387.887 1.018	223200.000 38342.168	20.578 24.502	16.869 26.073	46.353 30.876
3/18/2016 2:15:00 AM 32385.133 1.018	224100.000 38340.066	20.578 24.500	16.868 26.071	46.353 30.878
3/18/2016 2:30:00 AM 32382.039 1.018	225000.000 38336.477	20.578 24.498	16.868 26.069	46.354 30.881
3/18/2016 2:45:00 AM 32378.381 1.018	225900.000 38331.754	20.580 24.495	16.868 26.066	46.358 30.885
3/18/2016 3:00:00 AM 32414.430 1.018	226800.000 38374.664	20.580 24.525	16.868 26.095	46.358 30.850
3/18/2016 3:15:00 AM 32382.250 1.018	227700.000 38336.109	20.581 24.498	16.869 26.069	46.360 30.881
3/18/2016 3:30:00 AM 32374.553 1.017	228600.000 38325.016	20.578 24.490	16.871 26.061	46.353 30.888
3/18/2016 3:45:00 AM 32346.111 1.017	229500.000 38292.949	20.576 24.467	16.869 26.039	46.348 30.916
3/18/2016 4:00:00 AM 32399.385 1.018	230400.000 38356.555	20.578 24.512	16.869 26.082	46.354 30.865
3/18/2016 4:15:00 AM 32358.098 1.017	231300.000 38306.988	20.575 24.477	16.869 26.049	46.346 30.904
3/18/2016 4:30:00 AM 32390.252 1.018	232200.000 38347.793	20.574 24.506	16.866 26.077	46.345 30.873
3/18/2016 4:45:00 AM 32398.170 1.018	233100.000 38354.430	20.576 24.511	16.869 26.081	46.350 30.866
3/18/2016 5:00:00 AM 32407.762 1.018	234000.000 38366.383	20.578 24.519	16.869 26.089	46.354 30.857
3/18/2016 5:15:00 AM 32360.326 1.017	234900.000 38310.227	20.576 24.479	16.869 26.051	46.348 30.902
3/18/2016 5:30:00 AM 32422.963 1.018	235800.000 38383.547	20.573 24.531	16.870 26.101	46.343 30.842
3/18/2016 5:45:00 AM	236700.000	20.574	16.869	46.346

32360.461	38310.168	24.479	26.051	30.902
1.017				
3/18/2016 6:00:00 AM	237600.000	20.572	16.867	46.340
32365.830	38317.895	24.485	26.056	30.897
1.017				
3/18/2016 6:15:00 AM	238500.000	20.572	16.868	46.341
32393.691	38350.418	24.508	26.078	30.870
1.018				
3/18/2016 6:30:00 AM	239400.000	20.574	16.870	46.345
32362.041	38311.195	24.480	26.052	30.900
1.017				
3/18/2016 6:45:00 AM	240300.000	20.571	16.869	46.338
32381.133	38334.332	24.496	26.067	30.882
1.018				
3/18/2016 7:00:00 AM	241200.000	20.576	16.872	46.349
32370.906	38319.793	24.486	26.057	30.892
1.017				
3/18/2016 7:15:00 AM	242100.000	20.570	16.870	46.336
32417.582	38376.648	24.526	26.096	30.847
1.018				
3/18/2016 7:30:00 AM	243000.000	20.570	16.870	46.336
32372.797	38324.156	24.489	26.060	30.890
1.017				
3/18/2016 7:45:00 AM	243900.000	20.571	16.868	46.339
32366.611	38317.980	24.485	26.056	30.896
1.017				
3/18/2016 8:00:00 AM	244800.000	20.570	16.869	46.336
32399.762	38356.609	24.512	26.082	30.864
1.018				
3/18/2016 8:15:00 AM	245700.000	20.568	16.869	46.330
32390.984	38345.922	24.505	26.075	30.873
1.018				
3/18/2016 8:30:00 AM	246600.000	20.568	16.868	46.332
32393.781	38350.449	24.508	26.078	30.870
1.018				
3/18/2016 8:45:00 AM	247500.000	20.567	16.871	46.328
32395.588	38349.617	24.507	26.078	30.868
1.018				
3/18/2016 9:00:00 AM	248400.000	20.566	16.871	46.326
32362.785	38311.469	24.480	26.052	30.900
1.017				
3/18/2016 9:15:00 AM	249300.000	20.564	16.869	46.322
32379.586	38332.578	24.495	26.066	30.884
1.018				
3/18/2016 9:30:00 AM	250200.000	20.569	16.871	46.333
32387.842	38340.527	24.501	26.072	30.876
1.018				
3/18/2016 9:45:00 AM	251100.000	20.568	16.871	46.332
32394.762	38348.871	24.507	26.077	30.869
1.018				
3/18/2016 10:00:00 AM	252000.000	20.564	16.871	46.322
32402.592	38358.367	24.513	26.084	30.862
1.018				
3/18/2016 10:15:00 AM	252900.000	20.566	16.872	46.326
32421.318	38379.234	24.528	26.098	30.844

1.018				
3/18/2016 10:30:00 AM	253800.000	20.563	16.869	46.321
32408.189	38366.289	24.519	26.089	30.856
1.018				
3/18/2016 10:45:00 AM	254700.000	20.567	16.869	46.328
32405.477	38363.680	24.517	26.087	30.859
1.018				
3/18/2016 11:00:00 AM	255600.000	20.568	16.869	46.332
32414.268	38373.484	24.524	26.094	30.851
1.018				
3/18/2016 11:15:00 AM	256500.000	20.561	16.868	46.316
32384.363	38339.375	24.500	26.071	30.879
1.018				
3/18/2016 11:30:00 AM	257400.000	20.563	16.869	46.320
32403.920	38361.836	24.516	26.086	30.860
1.018				
3/18/2016 11:45:00 AM	258300.000	20.560	16.869	46.313
32393.217	38349.250	24.507	26.077	30.871
1.018				
3/18/2016 12:00:00 PM	259200.000	20.560	16.867	46.314
32384.363	38339.988	24.500	26.071	30.879
1.018				
3/18/2016 12:15:00 PM	260100.000	20.561	16.869	46.315
32412.051	38371.391	24.523	26.093	30.853
1.018				
3/18/2016 12:30:00 PM	261000.000	20.556	16.870	46.305
32384.617	38337.465	24.499	26.069	30.879
1.018				
3/18/2016 12:45:00 PM	261900.000	20.563	16.870	46.320
32424.496	38384.762	24.532	26.102	30.841
1.018				
3/18/2016 1:00:00 PM	262800.000	20.557	16.867	46.306
32419.594	38381.609	24.530	26.099	30.846
1.018				
3/18/2016 1:15:00 PM	263700.000	20.558	16.870	46.309
32415.633	38374.949	24.525	26.095	30.849
1.018				
3/18/2016 1:30:00 PM	264600.000	20.556	16.868	46.304
32433.980	38398.043	24.541	26.111	30.832
1.018				
3/18/2016 1:45:00 PM	265500.000	20.557	16.868	46.308
32389.902	38345.625	24.504	26.075	30.874
1.018				
3/18/2016 2:00:00 PM	266400.000	20.558	16.869	46.309
32395.580	38351.363	24.508	26.079	30.868
1.018				
3/18/2016 2:15:00 PM	267300.000	20.553	16.868	46.298
32406.729	38365.547	24.518	26.089	30.858
1.018				
3/18/2016 2:30:00 PM	268200.000	20.555	16.867	46.303
32415.168	38376.906	24.526	26.096	30.850
1.018				
3/18/2016 2:45:00 PM	269100.000	20.555	16.868	46.303
32402.295	38360.223	24.515	26.085	30.862
1.018				

3/18/2016 3:00:00 PM 32382.295 1.018	270000.000 38338.227	20.557 24.499	16.866 26.070	46.306 30.881
3/18/2016 3:15:00 PM 32409.996 1.018	270900.000 38372.770	20.555 24.523	16.864 26.093	46.302 30.855
3/18/2016 3:30:00 PM 32402.545 1.018	271800.000 38361.664	20.558 24.516	16.867 26.086	46.309 30.862
3/18/2016 3:45:00 PM 32423.965 1.018	272700.000 38388.234	20.551 24.534	16.866 26.104	46.292 30.841
3/18/2016 4:00:00 PM 32376.449 1.018	273600.000 38331.828	20.552 24.495	16.866 26.066	46.295 30.887
3/18/2016 4:15:00 PM 32424.471 1.018	274500.000 38389.219	20.550 24.535	16.865 26.105	46.291 30.841
3/18/2016 4:30:00 PM 32449.537 1.018	275400.000 38416.457	20.551 24.554	16.868 26.123	46.294 30.817
3/18/2016 4:45:00 PM 32387.025 1.018	276300.000 38344.965	20.549 24.504	16.865 26.075	46.290 30.877
3/18/2016 5:00:00 PM 32427.717 1.018	277200.000 38393.223	20.547 24.538	16.865 26.107	46.285 30.838
3/18/2016 5:15:00 PM 32378.086 1.018	278100.000 38333.992	20.548 24.496	16.866 26.067	46.286 30.885
3/18/2016 5:30:00 PM 32387.197 1.018	279000.000 38345.090	20.551 24.504	16.865 26.075	46.294 30.876
3/18/2016 5:45:00 PM 32415.871 1.018	279900.000 38379.348	20.550 24.528	16.865 26.098	46.290 30.849
3/18/2016 6:00:00 PM 32434.387 1.018	280800.000 38399.125	20.550 24.542	16.867 26.111	46.292 30.831
3/18/2016 6:15:00 PM 32449.061 1.018	281700.000 38416.887	20.545 24.555	16.867 26.123	46.279 30.818
3/18/2016 6:30:00 PM 32388.615 1.018	282600.000 38345.391	20.548 24.504	16.867 26.075	46.286 30.875
3/18/2016 6:45:00 PM 32413.080 1.018	283500.000 38376.422	20.548 24.526	16.864 26.096	46.286 30.852
3/18/2016 7:00:00 PM 32421.645 1.018	284400.000 38383.363	20.549 24.531	16.868 26.101	46.290 30.844
3/18/2016 7:15:00 PM 32429.434 1.018	285300.000 38394.035	20.546 24.538	16.866 26.108	46.281 30.836
3/18/2016 7:30:00 PM	286200.000	20.545	16.866	46.279

32382.516	38339.090	24.500	26.071	30.881
1.018				
3/18/2016 7:45:00 PM	287100.000	20.546	16.867	46.282
32434.469	38399.461	24.542	26.112	30.831
1.018				
3/18/2016 8:00:00 PM	288000.000	20.543	16.865	46.276
32433.480	38400.047	24.543	26.112	30.832
1.018				
3/18/2016 8:15:00 PM	288900.000	20.540	16.868	46.268
32403.838	38362.734	24.516	26.087	30.861
1.018				
3/18/2016 8:30:00 PM	289800.000	20.541	16.866	46.271
32445.926	38413.629	24.552	26.121	30.821
1.018				
3/18/2016 8:45:00 PM	290700.000	20.544	16.865	46.277
32409.074	38370.832	24.522	26.092	30.856
1.018				
3/18/2016 9:00:00 PM	291600.000	20.540	16.866	46.269
32426.330	38391.109	24.536	26.106	30.839
1.018				
3/18/2016 9:15:00 PM	292500.000	20.542	16.870	46.273
32421.684	38382.109	24.530	26.100	30.844
1.018				
3/18/2016 9:30:00 PM	293400.000	20.544	16.866	46.277
32429.979	38394.680	24.539	26.108	30.836
1.018				
3/18/2016 9:45:00 PM	294300.000	20.541	16.867	46.271
32414.477	38375.711	24.526	26.095	30.850
1.018				
3/18/2016 10:00:00 PM	295200.000	20.540	16.867	46.268
32420.059	38382.398	24.530	26.100	30.845
1.018				
3/18/2016 10:15:00 PM	296100.000	20.541	16.867	46.271
32453.877	38422.199	24.558	26.127	30.813
1.018				
3/18/2016 10:30:00 PM	297000.000	20.539	16.866	46.267
32397.471	38356.797	24.512	26.083	30.867
1.018				
3/18/2016 10:45:00 PM	297900.000	20.536	16.870	46.260
32454.869	38421.086	24.558	26.126	30.812
1.018				
3/18/2016 11:00:00 PM	298800.000	20.539	16.869	46.266
32442.102	38407.125	24.548	26.117	30.824
1.018				
3/18/2016 11:15:00 PM	299700.000	20.537	16.866	46.261
32425.395	38389.477	24.535	26.105	30.840
1.018				
3/18/2016 11:30:00 PM	300600.000	20.539	16.869	46.266
32420.168	38380.699	24.529	26.099	30.845
1.018				
3/18/2016 11:45:00 PM	301500.000	20.537	16.867	46.262
32432.619	38397.270	24.541	26.110	30.833
1.018				
3/19/2016 12:00:00 AM	302400.000	20.536	16.868	46.259
32415.572	38375.863	24.526	26.096	30.849



1.018				
3/19/2016 12:15:00 AM	303300.000	20.537	16.867	46.261
32436.453	38401.656	24.544	26.113	30.830
1.018				
3/19/2016 12:30:00 AM	304200.000	20.538	16.868	46.265
32434.371	38398.270	24.542	26.111	30.831
1.018				
3/19/2016 12:45:00 AM	305100.000	20.536	16.868	46.259
32423.143	38385.516	24.533	26.102	30.842
1.018				
3/19/2016 1:00:00 AM	306000.000	20.535	16.866	46.257
32423.342	38387.121	24.534	26.103	30.842
1.018				
3/19/2016 1:15:00 AM	306900.000	20.535	16.868	46.256
32452.676	38420.328	24.557	26.126	30.814
1.018				
3/19/2016 1:30:00 AM	307800.000	20.534	16.867	46.254
32430.350	38394.430	24.539	26.108	30.835
1.018				
3/19/2016 1:45:00 AM	308700.000	20.535	16.866	46.256
32456.395	38426.477	24.561	26.130	30.811
1.018				
3/19/2016 2:00:00 AM	309600.000	20.531	16.867	46.248
32441.381	38407.645	24.548	26.117	30.825
1.018				
3/19/2016 2:15:00 AM	310500.000	20.533	16.867	46.253
32435.447	38400.918	24.543	26.113	30.830
1.018				
3/19/2016 2:30:00 AM	311400.000	20.531	16.868	46.248
32463.547	38432.582	24.566	26.134	30.804
1.018				
3/19/2016 2:45:00 AM	312300.000	20.533	16.867	46.253
32392.822	38350.531	24.508	26.078	30.871
1.018				
3/19/2016 3:00:00 AM	313200.000	20.530	16.866	46.245
32438.512	38404.852	24.546	26.115	30.828
1.018				
3/19/2016 3:15:00 AM	314100.000	20.528	16.866	46.242
32463.295	38434.125	24.567	26.135	30.804
1.018				
3/19/2016 3:30:00 AM	315000.000	20.531	16.867	46.247
32429.938	38393.945	24.538	26.108	30.836
1.018				
3/19/2016 3:45:00 AM	315900.000	20.530	16.866	46.245
32429.959	38394.805	24.539	26.108	30.836
1.018				
3/19/2016 4:00:00 AM	316800.000	20.528	16.866	46.242
32408.383	38369.637	24.521	26.091	30.856
1.018				
3/19/2016 4:15:00 AM	317700.000	20.533	16.865	46.252
32452.842	38423.188	24.559	26.128	30.814
1.018				
3/19/2016 4:30:00 AM	318600.000	20.526	16.867	46.236
32419.816	38382.113	24.530	26.100	30.845
1.018				

3/19/2016 4:45:00 AM 32427.795 1.018	319500.000 38390.871	20.526 24.536	16.868 26.106	46.237 30.838
3/19/2016 5:00:00 AM 32458.127 1.018	320400.000 38428.230	20.529 24.563	16.866 26.131	46.243 30.809
3/19/2016 5:15:00 AM 32450.611 1.018	321300.000 38419.711	20.525 24.557	16.866 26.125	46.235 30.816
3/19/2016 5:30:00 AM 32415.871 1.018	322200.000 38380.031	20.522 24.528	16.864 26.098	46.228 30.849
3/19/2016 5:45:00 AM 32433.209 1.018	323100.000 38399.406	20.528 24.542	16.865 26.112	46.242 30.833
3/19/2016 6:00:00 AM 32422.922 1.018	324000.000 38387.695	20.522 24.534	16.865 26.104	46.229 30.842
3/19/2016 6:15:00 AM 32409.453 1.018	324900.000 38371.887	20.521 24.523	16.865 26.093	46.225 30.855
3/19/2016 6:30:00 AM 32457.541 1.018	325800.000 38428.602	20.524 24.563	16.865 26.131	46.232 30.809
3/19/2016 6:45:00 AM 32423.646 1.018	326700.000 38386.945	20.523 24.533	16.867 26.103	46.230 30.842
3/19/2016 7:00:00 AM 32475.838 1.018	327600.000 38449.426	20.521 24.578	16.866 26.146	46.225 30.792
3/19/2016 7:15:00 AM 32407.574 1.018	328500.000 38368.531	20.522 24.520	16.866 26.091	46.227 30.857
3/19/2016 7:30:00 AM 32450.635 1.018	329400.000 38417.293	20.523 24.555	16.868 26.124	46.230 30.816
3/19/2016 7:45:00 AM 32453.354 1.018	330300.000 38421.887	20.519 24.558	16.867 26.127	46.221 30.813
3/19/2016 8:00:00 AM 32444.016 1.018	331200.000 38409.688	20.518 24.550	16.868 26.119	46.220 30.822
3/19/2016 8:15:00 AM 32456.930 1.018	332100.000 38426.590	20.518 24.561	16.866 26.130	46.220 30.810
3/19/2016 8:30:00 AM 32459.598 1.018	333000.000 38430.891	20.517 24.564	16.865 26.133	46.216 30.808
3/19/2016 8:45:00 AM 32440.410 1.018	333900.000 38408.172	20.515 24.548	16.865 26.118	46.212 30.826
3/19/2016 9:00:00 AM 32433.826 1.018	334800.000 38399.152	20.520 24.542	16.866 26.111	46.222 30.832
3/19/2016 9:15:00 AM	335700.000	20.517	16.868	46.217

32459.297	38428.316	24.563	26.131	30.808
1.018				
3/19/2016 9:30:00 AM	336600.000	20.518	16.867	46.219
32458.299	38427.672	24.562	26.131	30.809
1.018				
3/19/2016 9:45:00 AM	337500.000	20.518	16.866	46.219
32414.834	38376.977	24.526	26.096	30.850
1.018				
3/19/2016 10:00:00 AM	338400.000	20.514	16.867	46.210
32461.434	38431.383	24.565	26.133	30.806
1.018				
3/19/2016 10:15:00 AM	339300.000	20.513	16.869	46.208
32463.670	38432.422	24.566	26.134	30.804
1.018				
3/19/2016 10:30:00 AM	340200.000	20.515	16.870	46.213
32468.152	38436.965	24.569	26.137	30.799
1.018				
3/19/2016 10:45:00 AM	341100.000	20.514	16.869	46.210
32457.414	38424.563	24.560	26.129	30.810
1.018				
3/19/2016 11:00:00 AM	342000.000	20.516	16.870	46.214
32465.838	38433.547	24.567	26.135	30.802
1.018				
3/19/2016 11:15:00 AM	342900.000	20.513	16.871	46.209
32439.604	38401.723	24.544	26.113	30.827
1.018				
3/19/2016 11:30:00 AM	343800.000	20.508	16.867	46.195
32462.311	38432.719	24.566	26.134	30.805
1.018				
3/19/2016 11:45:00 AM	344700.000	20.512	16.867	46.205
32472.426	38444.246	24.574	26.142	30.795
1.018				
3/19/2016 12:00:00 PM	345600.000	20.512	16.869	46.205
32440.682	38404.828	24.546	26.115	30.825
1.018				
3/19/2016 12:15:00 PM	346500.000	20.510	16.869	46.201
32478.566	38449.988	24.578	26.146	30.790
1.018				
3/19/2016 12:30:00 PM	347400.000	20.507	16.869	46.194
32452.426	38419.348	24.556	26.125	30.814
1.018				
3/19/2016 12:45:00 PM	348300.000	20.509	16.868	46.198
32474.809	38446.305	24.575	26.143	30.793
1.018				
3/19/2016 1:00:00 PM	349200.000	20.510	16.868	46.201
32440.682	38405.742	24.547	26.116	30.825
1.018				
3/19/2016 1:15:00 PM	350100.000	20.511	16.869	46.203
32460.543	38428.652	24.563	26.131	30.807
1.018				
3/19/2016 1:30:00 PM	351000.000	20.508	16.870	46.196
32487.084	38459.152	24.585	26.152	30.781
1.018				
3/19/2016 1:45:00 PM	351900.000	20.508	16.870	46.196
32497.820	38471.934	24.594	26.161	30.771

1.018				
3/19/2016 2:00:00 PM	352800.000	20.508	16.869	46.196
32458.490	38425.988	24.561	26.130	30.809
1.018				
3/19/2016 2:15:00 PM	353700.000	20.507	16.869	46.193
32483.445	38455.832	24.582	26.150	30.785
1.018				
3/19/2016 2:30:00 PM	354600.000	20.511	16.867	46.204
32478.246	38451.051	24.579	26.147	30.790
1.018				
3/19/2016 2:45:00 PM	355500.000	20.511	16.868	46.203
32458.906	38427.930	24.562	26.131	30.808
1.018				
3/19/2016 3:00:00 PM	356400.000	20.509	16.865	46.198
32453.004	38423.227	24.559	26.128	30.814
1.018				
3/19/2016 3:15:00 PM	357300.000	20.510	16.867	46.200
32461.311	38431.238	24.565	26.133	30.806
1.018				
3/19/2016 3:30:00 PM	358200.000	20.510	16.867	46.200
32454.201	38423.039	24.559	26.128	30.813
1.018				
3/19/2016 3:45:00 PM	359100.000	20.512	16.866	46.205
32482.938	38457.758	24.583	26.151	30.785
1.018				
3/19/2016 4:00:00 PM	360000.000	20.512	16.865	46.205
32472.205	38446.113	24.575	26.143	30.796
1.018				
3/19/2016 4:15:00 PM	360900.000	20.512	16.868	46.206
32435.232	38399.379	24.542	26.112	30.831
1.018				
3/19/2016 4:30:00 PM	361800.000	20.513	16.867	46.208
32468.627	38439.969	24.571	26.139	30.799
1.018				
3/19/2016 4:45:00 PM	362700.000	20.512	16.868	46.206
32457.572	38425.586	24.561	26.129	30.809
1.018				
3/19/2016 5:00:00 PM	363600.000	20.512	16.866	46.205
32479.674	38453.742	24.581	26.149	30.788
1.018				
3/19/2016 5:15:00 PM	364500.000	20.509	16.867	46.199
32496.357	38473.027	24.594	26.162	30.773
1.018				
3/19/2016 5:30:00 PM	365400.000	20.513	16.868	46.209
32481.934	38454.578	24.581	26.149	30.786
1.018				
3/19/2016 5:45:00 PM	366300.000	20.510	16.862	46.200
32472.113	38447.992	24.576	26.145	30.796
1.018				
3/19/2016 6:00:00 PM	367200.000	20.510	16.865	46.201
32465.055	38437.719	24.569	26.138	30.802
1.018				
3/19/2016 6:15:00 PM	368100.000	20.513	16.866	46.209
32460.357	38431.398	24.565	26.133	30.807
1.018				

3/19/2016 6:30:00 PM 32464.848 1.018	369000.000 38435.492	20.509 24.568	16.867 26.136	46.199 30.803
3/19/2016 6:45:00 PM 32443.391 1.018	369900.000 38409.484	20.512 24.549	16.868 26.118	46.205 30.823
3/19/2016 7:00:00 PM 32450.678 1.018	370800.000 38419.938	20.515 24.557	16.866 26.126	46.212 30.816
3/19/2016 7:15:00 PM 32499.012 1.018	371700.000 38474.500	20.515 24.595	16.869 26.163	46.212 30.770
3/19/2016 7:30:00 PM 32456.314 1.018	372600.000 38424.859	20.512 24.560	16.868 26.129	46.205 30.811
3/19/2016 7:45:00 PM 32451.990 1.018	373500.000 38420.270	20.516 24.557	16.867 26.126	46.214 30.815
3/19/2016 8:00:00 PM 32471.947 1.018	374400.000 38446.273	20.512 24.575	16.864 26.143	46.205 30.796
3/19/2016 8:15:00 PM 32430.932 1.018	375300.000 38395.426	20.512 24.539	16.867 26.109	46.205 30.835
3/19/2016 8:30:00 PM 32492.316 1.018	376200.000 38466.871	20.510 24.590	16.868 26.157	46.200 30.777
3/19/2016 8:45:00 PM 32482.016 1.018	377100.000 38454.676	20.511 24.581	16.868 26.149	46.203 30.786
3/19/2016 9:00:00 PM 32458.039 1.018	378000.000 38427.285	20.512 24.562	16.867 26.131	46.206 30.809
3/19/2016 9:15:00 PM 32458.221 1.018	378900.000 38427.117	20.515 24.562	16.868 26.130	46.211 30.809
3/19/2016 9:30:00 PM 32467.035 1.018	379800.000 38435.492	20.509 24.568	16.870 26.136	46.198 30.800
3/19/2016 9:45:00 PM 32446.262 1.018	380700.000 38411.965	20.513 24.551	16.869 26.120	46.209 30.820
3/19/2016 10:00:00 PM 32467.553 1.018	381600.000 38437.641	20.513 24.569	16.868 26.138	46.207 30.800
3/19/2016 10:15:00 PM 32473.680 1.018	382500.000 38445.805	20.512 24.575	16.867 26.143	46.206 30.794
3/19/2016 10:30:00 PM 32497.648 1.018	383400.000 38472.039	20.516 24.594	16.870 26.161	46.214 30.771
3/19/2016 10:45:00 PM 32490.689 1.018	384300.000 38461.809	20.514 24.587	16.872 26.154	46.211 30.778
3/19/2016 11:00:00 PM	385200.000	20.515	16.869	46.212

32456.314	38423.414	24.559	26.128	30.811
1.018				
3/19/2016 11:15:00 PM	386100.000	20.512	16.866	46.206
32455.680	38425.484	24.561	26.129	30.811
1.018				
3/19/2016 11:30:00 PM	387000.000	20.514	16.868	46.210
32461.387	38430.023	24.564	26.132	30.806
1.018				
3/19/2016 11:45:00 PM	387900.000	20.515	16.867	46.212
32496.260	38472.684	24.594	26.161	30.773
1.018				
3/20/2016 12:00:00 AM	388800.000	20.518	16.868	46.218
32471.000	38441.723	24.572	26.140	30.797
1.018				
3/20/2016 12:15:00 AM	389700.000	20.514	16.868	46.211
32492.053	38467.168	24.590	26.158	30.777
1.018				
3/20/2016 12:30:00 AM	390600.000	20.513	16.869	46.209
32485.424	38458.023	24.584	26.151	30.783
1.018				
3/20/2016 12:45:00 AM	391500.000	20.512	16.870	46.205
32476.086	38445.977	24.575	26.143	30.792
1.018				
3/20/2016 1:00:00 AM	392400.000	20.517	16.870	46.217
32505.139	38480.141	24.599	26.166	30.764
1.018				
3/20/2016 1:15:00 AM	393300.000	20.516	16.870	46.215
32479.715	38450.500	24.579	26.146	30.788
1.018				
3/20/2016 1:30:00 AM	394200.000	20.523	16.868	46.230
32481.008	38454.020	24.581	26.149	30.787
1.018				
3/20/2016 1:45:00 AM	395100.000	20.521	16.868	46.226
32471.102	38441.844	24.572	26.140	30.797
1.018				
3/20/2016 2:00:00 AM	396000.000	20.517	16.868	46.216
32498.205	38473.930	24.595	26.162	30.771
1.018				
3/20/2016 2:15:00 AM	396900.000	20.523	16.867	46.231
32486.678	38461.270	24.586	26.154	30.782
1.018				
3/20/2016 2:30:00 AM	397800.000	20.520	16.870	46.224
32503.574	38478.449	24.598	26.165	30.766
1.018				
3/20/2016 2:45:00 AM	398700.000	20.518	16.869	46.218
32465.100	38434.352	24.567	26.135	30.802
1.018				
3/20/2016 3:00:00 AM	399600.000	20.522	16.868	46.228
32482.605	38455.910	24.582	26.150	30.786
1.018				
3/20/2016 3:15:00 AM	400500.000	20.521	16.870	46.225
32487.715	38460.051	24.585	26.153	30.781
1.018				
3/20/2016 3:30:00 AM	401400.000	20.521	16.870	46.225
32480.016	38450.629	24.579	26.146	30.788

1.018				
3/20/2016 3:45:00 AM	402300.000	20.522	16.868	46.227
32465.877	38435.957	24.568	26.136	30.802
1.018				
3/20/2016 4:00:00 AM	403200.000	20.526	16.870	46.236
32493.068	38465.852	24.589	26.157	30.776
1.018				
3/20/2016 4:15:00 AM	404100.000	20.526	16.870	46.236
32484.846	38456.652	24.583	26.151	30.784
1.018				
3/20/2016 4:30:00 AM	405000.000	20.526	16.870	46.237
32494.256	38467.488	24.591	26.158	30.775
1.018				
3/20/2016 4:45:00 AM	405900.000	20.523	16.867	46.231
32501.326	38478.680	24.598	26.166	30.768
1.018				
3/20/2016 5:00:00 AM	406800.000	20.525	16.867	46.235
32473.275	38445.164	24.575	26.143	30.795
1.018				
3/20/2016 5:15:00 AM	407700.000	20.529	16.870	46.244
32472.086	38441.395	24.572	26.140	30.796
1.018				
3/20/2016 5:30:00 AM	408600.000	20.526	16.867	46.237
32493.617	38469.555	24.592	26.159	30.775
1.018				
3/20/2016 5:45:00 AM	409500.000	20.528	16.868	46.242
32481.072	38454.012	24.581	26.149	30.787
1.018				
3/20/2016 6:00:00 AM	410400.000	20.528	16.870	46.242
32496.264	38470.402	24.593	26.160	30.773
1.018				
3/20/2016 6:15:00 AM	411300.000	20.528	16.868	46.240
32478.361	38450.512	24.578	26.146	30.790
1.018				
3/20/2016 6:30:00 AM	412200.000	20.530	16.871	46.245
32529.041	38508.211	24.619	26.186	30.742
1.018				
3/20/2016 6:45:00 AM	413100.000	20.530	16.870	46.246
32509.684	38485.750	24.603	26.170	30.760
1.018				
3/20/2016 7:00:00 AM	414000.000	20.530	16.869	46.246
32485.652	38457.906	24.584	26.151	30.783
1.018				
3/20/2016 7:15:00 AM	414900.000	20.532	16.869	46.251
32500.375	38475.496	24.596	26.163	30.769
1.018				
3/20/2016 7:30:00 AM	415800.000	20.530	16.868	46.246
32484.520	38458.090	24.584	26.152	30.784
1.018				
3/20/2016 7:45:00 AM	416700.000	20.532	16.870	46.250
32469.475	38438.230	24.570	26.138	30.798
1.018				
3/20/2016 8:00:00 AM	417600.000	20.531	16.868	46.247
32513.475	38492.152	24.608	26.175	30.756
1.018				

3/20/2016 8:15:00 AM	418500.000	20.530	16.869	46.246
32462.316	38430.441	24.564	26.133	30.805
1.018				
3/20/2016 8:30:00 AM	419400.000	20.533	16.866	46.252
32477.531	38451.203	24.579	26.147	30.791
1.018				
3/20/2016 8:45:00 AM	420300.000	20.533	16.869	46.252
32476.629	38447.840	24.577	26.145	30.791
1.018				
3/20/2016 9:00:00 AM	421200.000	20.531	16.870	46.247
32496.863	38470.574	24.593	26.160	30.772
1.018				
3/20/2016 9:15:00 AM	422100.000	20.535	16.868	46.258
32471.279	38442.418	24.573	26.141	30.796
1.018				
3/20/2016 9:30:00 AM	423000.000	20.533	16.868	46.252
32502.025	38478.293	24.598	26.165	30.767
1.018				
3/20/2016 9:45:00 AM	423900.000	20.535	16.869	46.256
32491.273	38464.648	24.588	26.156	30.777
1.018				
3/20/2016 10:00:00 AM	424800.000	20.534	16.870	46.255
32478.824	38449.676	24.578	26.146	30.789
1.018				
3/20/2016 10:15:00 AM	425700.000	20.534	16.868	46.255
32485.084	38458.469	24.584	26.152	30.783
1.018				
3/20/2016 10:30:00 AM	426600.000	20.532	16.870	46.251
32483.729	38455.180	24.582	26.150	30.785
1.018				
3/20/2016 10:45:00 AM	427500.000	20.533	16.870	46.253
32498.828	38473.359	24.595	26.162	30.770
1.018				
3/20/2016 11:00:00 AM	428400.000	20.533	16.870	46.252
32492.291	38465.621	24.589	26.157	30.777
1.018				
3/20/2016 11:15:00 AM	429300.000	20.536	16.869	46.260
32513.051	38490.660	24.607	26.174	30.757
1.018				
3/20/2016 11:30:00 AM	430200.000	20.534	16.872	46.254
32489.803	38460.844	24.586	26.153	30.779
1.018				
3/20/2016 11:45:00 AM	431100.000	20.538	16.874	46.264
32474.588	38440.922	24.572	26.140	30.793
1.018				
3/20/2016 12:00:00 PM	432000.000	20.534	16.870	46.255
32486.361	38458.223	24.584	26.152	30.782
1.018				
3/20/2016 12:15:00 PM	432900.000	20.535	16.873	46.257
32477.490	38445.504	24.575	26.143	30.791
1.018				
3/20/2016 12:30:00 PM	433800.000	20.535	16.870	46.258
32512.893	38489.930	24.606	26.173	30.757
1.018				
3/20/2016 12:45:00 PM	434700.000	20.538	16.869	46.263



32507.135	38483.500	24.602	26.169	30.762
1.018				
3/20/2016 1:00:00 PM	435600.000	20.536	16.871	46.260
32504.543	38479.059	24.599	26.166	30.765
1.018				
3/20/2016 1:15:00 PM	436500.000	20.536	16.873	46.260
32505.402	38477.855	24.598	26.165	30.764
1.018				
3/20/2016 1:30:00 PM	437400.000	20.539	16.870	46.265
32497.969	38472.262	24.594	26.161	30.771
1.018				
3/20/2016 1:45:00 PM	438300.000	20.538	16.873	46.263
32474.932	38441.867	24.573	26.140	30.793
1.018				
3/20/2016 2:00:00 PM	439200.000	20.537	16.873	46.262
32511.844	38485.715	24.604	26.170	30.758
1.018				
3/20/2016 2:15:00 PM	440100.000	20.543	16.868	46.276
32516.053	38495.059	24.610	26.177	30.754
1.018				
3/20/2016 2:30:00 PM	441000.000	20.540	16.866	46.268
32477.014	38450.367	24.578	26.146	30.791
1.018				
3/20/2016 2:45:00 PM	441900.000	20.539	16.868	46.266
32513.348	38491.539	24.607	26.174	30.757
1.018				
3/20/2016 3:00:00 PM	442800.000	20.538	16.867	46.264
32505.834	38483.563	24.602	26.169	30.764
1.018				
3/20/2016 3:15:00 PM	443700.000	20.538	16.870	46.265
32501.902	38477.078	24.597	26.164	30.767
1.018				
3/20/2016 3:30:00 PM	444600.000	20.540	16.868	46.268
32510.783	38488.895	24.606	26.172	30.759
1.018				
3/20/2016 3:45:00 PM	445500.000	20.543	16.870	46.274
32498.178	38471.898	24.594	26.161	30.771
1.018				
3/20/2016 4:00:00 PM	446400.000	20.541	16.865	46.270
32504.492	38483.734	24.602	26.169	30.765
1.018				
3/20/2016 4:15:00 PM	447300.000	20.540	16.868	46.268
32494.258	38469.477	24.592	26.159	30.775
1.018				
3/20/2016 4:30:00 PM	448200.000	20.540	16.868	46.268
32478.645	38450.918	24.579	26.147	30.789
1.018				
3/20/2016 4:45:00 PM	449100.000	20.541	16.867	46.271
32504.727	38482.637	24.601	26.168	30.765
1.018				
3/20/2016 5:00:00 PM	450000.000	20.538	16.865	46.264
32504.508	38483.820	24.602	26.169	30.765
1.018				
3/20/2016 5:15:00 PM	450900.000	20.540	16.866	46.269
32514.178	38495.117	24.610	26.177	30.756

1.018				
3/20/2016 5:30:00 PM	451800.000	20.541	16.868	46.270
32499.443	38475.848	24.596	26.164	30.770
1.018				
3/20/2016 5:45:00 PM	452700.000	20.537	16.867	46.262
32496.547	38473.023	24.594	26.162	30.773
1.018				
3/20/2016 6:00:00 PM	453600.000	20.538	16.866	46.263
32506.988	38486.152	24.604	26.171	30.763
1.018				
3/20/2016 6:15:00 PM	454500.000	20.540	16.867	46.269
32498.881	38476.016	24.596	26.164	30.770
1.018				
3/20/2016 6:30:00 PM	455400.000	20.540	16.868	46.268
32496.213	38471.332	24.593	26.161	30.773
1.018				
3/20/2016 6:45:00 PM	456300.000	20.537	16.867	46.262
32512.047	38491.684	24.607	26.174	30.758
1.018				
3/20/2016 7:00:00 PM	457200.000	20.540	16.867	46.268
32513.170	38492.934	24.608	26.175	30.757
1.018				
3/20/2016 7:15:00 PM	458100.000	20.537	16.865	46.262
32516.496	38498.172	24.612	26.179	30.754
1.018				
3/20/2016 7:30:00 PM	459000.000	20.535	16.864	46.256
32498.682	38477.691	24.597	26.165	30.770
1.018				
3/20/2016 7:45:00 PM	459900.000	20.542	16.865	46.272
32521.852	38504.594	24.617	26.183	30.749
1.018				
3/20/2016 8:00:00 PM	460800.000	20.541	16.869	46.270
32529.615	38510.270	24.621	26.187	30.741
1.018				
3/20/2016 8:15:00 PM	461700.000	20.537	16.866	46.261
32515.916	38496.723	24.611	26.178	30.754
1.018				
3/20/2016 8:30:00 PM	462600.000	20.538	16.869	46.264
32480.979	38453.063	24.580	26.148	30.787
1.018				
3/20/2016 8:45:00 PM	463500.000	20.537	16.865	46.262
32521.787	38504.969	24.617	26.183	30.749
1.018				
3/20/2016 9:00:00 PM	464400.000	20.535	16.867	46.258
32518.197	38498.508	24.612	26.179	30.752
1.018				
3/20/2016 9:15:00 PM	465300.000	20.537	16.866	46.262
32504.127	38482.691	24.601	26.168	30.765
1.018				
3/20/2016 9:30:00 PM	466200.000	20.535	16.865	46.256
32522.262	38505.449	24.617	26.184	30.748
1.018				
3/20/2016 9:45:00 PM	467100.000	20.536	16.868	46.259
32539.939	38523.250	24.630	26.196	30.731
1.018				

3/20/2016 10:00:00 PM 32520.016 1.018	468000.000 38500.355	20.536 24.614	16.867 26.180	46.260 30.750
3/20/2016 10:15:00 PM 32539.090 1.018	468900.000 38524.465	20.537 24.631	16.866 26.197	46.262 30.732
3/20/2016 10:30:00 PM 32511.973 1.018	469800.000 38492.660	20.533 24.608	16.865 26.175	46.252 30.758
3/20/2016 10:45:00 PM 32522.258 1.018	470700.000 38503.461	20.534 24.616	16.867 26.182	46.255 30.748
3/20/2016 11:00:00 PM 32520.309 1.018	471600.000 38498.484	20.535 24.612	16.870 26.179	46.256 30.750
3/20/2016 11:15:00 PM 32508.475 1.018	472500.000 38485.613	20.533 24.603	16.869 26.170	46.252 30.761
3/20/2016 11:30:00 PM 32523.025 1.018	473400.000 38505.746	20.531 24.617	16.865 26.184	46.248 30.747
3/20/2016 11:45:00 PM 32541.436 1.018	474300.000 38525.859	20.531 24.632	16.867 26.198	46.248 30.730
3/21/2016 12:00:00 AM 32548.076 1.018	475200.000 38537.020	20.532 24.639	16.863 26.205	46.250 30.724
3/21/2016 12:15:00 AM 32516.096 1.018	476100.000 38497.629	20.534 24.612	16.865 26.178	46.255 30.754
3/21/2016 12:30:00 AM 32502.064 1.018	477000.000 38482.773	20.532 24.601	16.863 26.168	46.250 30.767
3/21/2016 12:45:00 AM 32494.715 1.018	477900.000 38470.707	20.532 24.593	16.867 26.160	46.251 30.774
3/21/2016 1:00:00 AM 32514.705 1.018	478800.000 38491.551	20.531 24.608	16.870 26.174	46.248 30.755
3/21/2016 1:15:00 AM 32527.545 1.018	479700.000 38509.414	20.531 24.620	16.867 26.186	46.247 30.743
3/21/2016 1:30:00 AM 32506.998 1.018	480600.000 38482.652	20.529 24.601	16.870 26.168	46.244 30.763
3/21/2016 1:45:00 AM 32529.521 1.018	481500.000 38509.617	20.530 24.620	16.870 26.187	46.245 30.741
3/21/2016 2:00:00 AM 32520.846 1.018	482400.000 38500.348	20.529 24.614	16.869 26.180	46.243 30.750
3/21/2016 2:15:00 AM 32519.074 1.018	483300.000 38498.711	20.527 24.612	16.868 26.179	46.240 30.751
3/21/2016 2:30:00 AM	484200.000	20.529	16.870	46.243

32507.613	38483.680	24.602	26.169	30.762
1.018				
3/21/2016 2:45:00 AM	485100.000	20.526	16.867	46.237
32538.205	38522.273	24.629	26.195	30.733
1.018				
3/21/2016 3:00:00 AM	486000.000	20.528	16.865	46.242
32481.883	38457.191	24.583	26.151	30.786
1.018				
3/21/2016 3:15:00 AM	486900.000	20.529	16.865	46.243
32525.570	38509.449	24.620	26.186	30.745
1.018				
3/21/2016 3:30:00 AM	487800.000	20.530	16.867	46.245
32516.055	38496.051	24.611	26.177	30.754
1.018				
3/21/2016 3:45:00 AM	488700.000	20.528	16.868	46.240
32500.832	38477.188	24.597	26.164	30.768
1.018				
3/21/2016 4:00:00 AM	489600.000	20.531	16.868	46.248
32523.148	38503.301	24.616	26.182	30.747
1.018				
3/21/2016 4:15:00 AM	490500.000	20.526	16.866	46.236
32520.939	38502.895	24.615	26.182	30.749
1.018				
3/21/2016 4:30:00 AM	491400.000	20.525	16.869	46.235
32512.688	38490.383	24.607	26.173	30.757
1.018				
3/21/2016 4:45:00 AM	492300.000	20.528	16.865	46.242
32499.680	38478.039	24.598	26.165	30.770
1.018				
3/21/2016 5:00:00 AM	493200.000	20.524	16.868	46.232
32510.514	38488.723	24.605	26.172	30.759
1.018				
3/21/2016 5:15:00 AM	494100.000	20.532	16.866	46.250
32539.127	38524.430	24.631	26.197	30.732
1.018				
3/21/2016 5:30:00 AM	495000.000	20.527	16.864	46.240
32535.588	38522.074	24.629	26.195	30.736
1.018				
3/21/2016 5:45:00 AM	495900.000	20.523	16.866	46.230
32526.748	38510.000	24.620	26.187	30.744
1.018				
3/21/2016 6:00:00 AM	496800.000	20.522	16.869	46.229
32524.926	38504.719	24.617	26.183	30.746
1.018				
3/21/2016 6:15:00 AM	497700.000	20.525	16.865	46.235
32515.791	38497.719	24.612	26.178	30.754
1.018				
3/21/2016 6:30:00 AM	498600.000	20.524	16.867	46.232
32557.666	38545.465	24.645	26.211	30.715
1.018				
3/21/2016 6:45:00 AM	499500.000	20.526	16.868	46.238
32532.561	38514.516	24.624	26.190	30.738
1.018				
3/21/2016 7:00:00 AM	500400.000	20.530	16.866	46.246
32518.268	38499.508	24.613	26.180	30.752

1.018				
3/21/2016 7:15:00 AM	501300.000	20.524	16.866	46.232
32538.287	38523.055	24.630	26.196	30.733
1.018				
3/21/2016 7:30:00 AM	502200.000	20.523	16.867	46.231
32532.336	38514.941	24.624	26.190	30.739
1.018				
3/21/2016 7:45:00 AM	503100.000	20.524	16.867	46.232
32512.836	38492.238	24.608	26.175	30.757
1.018				
3/21/2016 8:00:00 AM	504000.000	20.524	16.866	46.232
32518.389	38499.957	24.613	26.180	30.752
1.018				
3/21/2016 8:15:00 AM	504900.000	20.525	16.868	46.235
32550.059	38535.684	24.639	26.204	30.722
1.018				
3/21/2016 8:30:00 AM	505800.000	20.526	16.866	46.236
32506.717	38485.832	24.603	26.170	30.763
1.018				
3/21/2016 8:45:00 AM	506700.000	20.520	16.868	46.224
32513.469	38492.297	24.608	26.175	30.756
1.018				
3/21/2016 9:00:00 AM	507600.000	20.521	16.867	46.225
32545.652	38531.160	24.635	26.201	30.726
1.018				
3/21/2016 9:15:00 AM	508500.000	20.522	16.869	46.227
32482.553	38455.016	24.582	26.149	30.786
1.018				
3/21/2016 9:30:00 AM	509400.000	20.523	16.867	46.230
32531.008	38513.602	24.623	26.189	30.740
1.018				
3/21/2016 9:45:00 AM	510300.000	20.522	16.867	46.227
32502.494	38480.375	24.599	26.167	30.767
1.018				
3/21/2016 10:00:00 AM	511200.000	20.520	16.869	46.224
32555.670	38541.488	24.643	26.208	30.717
1.018				
3/21/2016 10:15:00 AM	512100.000	20.522	16.867	46.229
32502.059	38479.402	24.599	26.166	30.767
1.018				
3/21/2016 10:30:00 AM	513000.000	20.520	16.868	46.222
32497.885	38473.313	24.595	26.162	30.771
1.018				
3/21/2016 10:45:00 AM	513900.000	20.520	16.868	46.222
32510.979	38488.965	24.606	26.172	30.759
1.018				
3/21/2016 11:00:00 AM	514800.000	20.519	16.870	46.221
32533.215	38513.465	24.623	26.189	30.738
1.018				
3/21/2016 11:15:00 AM	515700.000	20.522	16.867	46.229
32547.197	38532.617	24.636	26.202	30.725
1.018				
3/21/2016 11:30:00 AM	516600.000	20.521	16.869	46.226
32538.354	38520.836	24.628	26.194	30.733
1.018				

3/21/2016 11:45:00 AM 32521.623 1.018	517500.000 38500.191	20.524 24.614	16.870 26.180	46.232 30.749
3/21/2016 12:00:00 PM 32560.695 1.018	518400.000 38547.523	20.525 24.647	16.869 26.212	46.236 30.712
3/21/2016 12:15:00 PM 32551.158 1.018	519300.000 38534.848	20.524 24.638	16.870 26.204	46.232 30.721
3/21/2016 12:30:00 PM 32531.795 1.018	520200.000 38512.082	20.521 24.622	16.870 26.188	46.226 30.739
3/21/2016 12:45:00 PM 32509.367 1.018	521100.000 38486.984	20.525 24.604	16.868 26.171	46.234 30.760
3/21/2016 1:00:00 PM 32514.910 1.018	522000.000 38495.234	20.526 24.610	16.866 26.177	46.236 30.755
3/21/2016 1:15:00 PM 32537.205 1.018	522900.000 38516.266	20.525 24.625	16.873 26.191	46.235 30.734
3/21/2016 1:30:00 PM 32559.973 1.018	523800.000 38545.438	20.526 24.646	16.870 26.211	46.238 30.713
3/21/2016 1:45:00 PM 32560.139 1.018	524700.000 38545.410	20.526 24.646	16.870 26.211	46.236 30.712
3/21/2016 2:00:00 PM 32504.529 1.018	525600.000 38477.586	20.530 24.598	16.873 26.165	46.245 30.765
3/21/2016 2:15:00 PM 32556.127 1.018	526500.000 38541.578	20.528 24.643	16.869 26.208	46.240 30.716
3/21/2016 2:30:00 PM 32519.521 1.018	527400.000 38496.410	20.528 24.611	16.871 26.178	46.242 30.751
3/21/2016 2:45:00 PM 32504.691 1.018	528300.000 38481.371	20.533 24.600	16.868 26.167	46.254 30.765
3/21/2016 3:00:00 PM 32519.957 1.018	529200.000 38499.055	20.527 24.613	16.869 26.179	46.240 30.750
3/21/2016 3:15:00 PM 32543.775 1.018	530100.000 38525.191	20.531 24.631	16.871 26.197	46.248 30.728
3/21/2016 3:30:00 PM 32511.945 1.018	531000.000 38489.813	20.529 24.606	16.869 26.173	46.244 30.758
3/21/2016 3:45:00 PM 32547.975 1.018	531900.000 38531.926	20.533 24.636	16.869 26.202	46.252 30.724
3/21/2016 4:00:00 PM 32537.242 1.018	532800.000 38518.230	20.535 24.626	16.870 26.192	46.256 30.734
3/21/2016 4:15:00 PM	533700.000	20.530	16.868	46.245

32521.055	38501.434	24.614	26.181	30.749
1.018				
3/21/2016 4:30:00 PM	534600.000	20.532	16.869	46.251
32545.152	38528.348	24.633	26.199	30.727
1.018				
3/21/2016 4:45:00 PM	535500.000	20.529	16.869	46.244
32540.127	38522.484	24.629	26.195	30.731
1.018				
3/21/2016 5:00:00 PM	536400.000	20.531	16.869	46.248
32538.064	38520.570	24.628	26.194	30.733
1.018				
3/21/2016 5:15:00 PM	537300.000	20.532	16.869	46.251
32540.299	38522.984	24.630	26.196	30.731
1.018				
3/21/2016 5:30:00 PM	538200.000	20.534	16.867	46.254
32546.545	38532.445	24.636	26.202	30.725
1.018				
3/21/2016 5:45:00 PM	539100.000	20.531	16.866	46.248
32543.705	38529.551	24.634	26.200	30.728
1.018				
3/21/2016 6:00:00 PM	540000.000	20.534	16.866	46.254
32534.695	38519.184	24.627	26.193	30.736
1.018				
3/21/2016 6:15:00 PM	540900.000	20.526	16.868	46.238
32543.916	38528.191	24.633	26.199	30.728
1.018				
3/21/2016 6:30:00 PM	541800.000	20.532	16.866	46.251
32517.145	38497.945	24.612	26.179	30.753
1.018				
3/21/2016 6:45:00 PM	542700.000	20.535	16.867	46.257
32556.582	38543.727	24.644	26.210	30.716
1.018				
3/21/2016 7:00:00 PM	543600.000	20.532	16.868	46.251
32493.555	38468.645	24.591	26.159	30.775
1.018				
3/21/2016 7:15:00 PM	544500.000	20.534	16.868	46.255
32530.264	38512.406	24.622	26.188	30.741
1.018				
3/21/2016 7:30:00 PM	545400.000	20.533	16.866	46.253
32528.480	38511.301	24.621	26.188	30.742
1.018				
3/21/2016 7:45:00 PM	546300.000	20.533	16.869	46.252
32525.785	38505.887	24.618	26.184	30.745
1.018				
3/21/2016 8:00:00 PM	547200.000	20.535	16.867	46.256
32516.416	38496.777	24.611	26.178	30.754
1.018				
3/21/2016 8:15:00 PM	548100.000	20.530	16.865	46.246
32517.293	38499.117	24.613	26.179	30.753
1.018				
3/21/2016 8:30:00 PM	549000.000	20.533	16.869	46.253
32519.404	38498.336	24.612	26.179	30.751
1.018				
3/21/2016 8:45:00 PM	549900.000	20.530	16.869	46.246
32552.104	38536.734	24.639	26.205	30.720

1.018				
3/21/2016 9:00:00 PM	550800.000	20.532	16.869	46.251
32528.441	38509.254	24.620	26.186	30.742
1.018				
3/21/2016 9:15:00 PM	551700.000	20.531	16.871	46.248
32526.203	38504.391	24.617	26.183	30.744
1.018				
3/21/2016 9:30:00 PM	552600.000	20.530	16.869	46.245
32519.975	38498.777	24.613	26.179	30.750
1.018				
3/21/2016 9:45:00 PM	553500.000	20.533	16.868	46.252
32514.273	38493.402	24.609	26.176	30.756
1.018				
3/21/2016 10:00:00 PM	554400.000	20.527	16.864	46.240
32543.225	38530.738	24.635	26.201	30.728
1.018				
3/21/2016 10:15:00 PM	555300.000	20.531	16.866	46.248
32572.162	38563.242	24.658	26.223	30.701
1.018				
3/21/2016 10:30:00 PM	556200.000	20.531	16.868	46.247
32521.184	38501.281	24.614	26.181	30.749
1.018				
3/21/2016 10:45:00 PM	557100.000	20.531	16.870	46.248
32546.223	38529.234	24.634	26.200	30.726
1.018				
3/21/2016 11:00:00 PM	558000.000	20.528	16.869	46.242
32513.344	38491.305	24.607	26.174	30.757
1.018				
3/21/2016 11:15:00 PM	558900.000	20.529	16.871	46.243
32553.959	38537.484	24.640	26.205	30.718
1.018				
3/21/2016 11:30:00 PM	559800.000	20.532	16.868	46.251
32517.174	38496.227	24.611	26.177	30.753
1.018				
3/21/2016 11:45:00 PM	560700.000	20.535	16.870	46.256
32545.615	38527.988	24.633	26.199	30.726
1.018				
3/22/2016 12:00:00 AM	561600.000	20.527	16.870	46.239
32514.818	38492.059	24.608	26.175	30.755
1.018				
3/22/2016 12:15:00 AM	562500.000	20.531	16.867	46.248
32544.066	38529.434	24.634	26.200	30.728
1.018				
3/22/2016 12:30:00 AM	563400.000	20.532	16.868	46.251
32541.076	38524.367	24.631	26.197	30.730
1.018				
3/22/2016 12:45:00 AM	564300.000	20.529	16.870	46.243
32542.791	38525.250	24.631	26.197	30.729
1.018				
3/22/2016 1:00:00 AM	565200.000	20.534	16.867	46.255
32547.441	38533.430	24.637	26.203	30.724
1.018				
3/22/2016 1:15:00 AM	566100.000	20.534	16.862	46.254
32539.766	38528.250	24.633	26.199	30.732
1.018				



3/22/2016 1:30:00 AM	567000.000	20.536	16.867	46.260
32543.602	38528.883	24.634	26.200	30.728
1.018				
3/22/2016 1:45:00 AM	567900.000	20.535	16.867	46.257
32522.500	38503.441	24.616	26.182	30.748
1.018				
3/22/2016 2:00:00 AM	568800.000	20.530	16.868	46.246
32522.355	38502.434	24.615	26.182	30.748
1.018				
3/22/2016 2:15:00 AM	569700.000	20.534	16.871	46.255
32495.193	38468.141	24.591	26.158	30.774
1.018				
3/22/2016 2:30:00 AM	570600.000	20.534	16.870	46.255
32515.234	38492.023	24.608	26.175	30.755
1.018				
3/22/2016 2:45:00 AM	571500.000	20.539	16.871	46.266
32547.857	38530.027	24.635	26.200	30.724
1.018				
3/22/2016 3:00:00 AM	572400.000	20.532	16.871	46.251
32516.186	38492.992	24.609	26.175	30.754
1.018				
3/22/2016 3:15:00 AM	573300.000	20.537	16.869	46.262
32522.863	38502.199	24.615	26.181	30.748
1.018				
3/22/2016 3:30:00 AM	574200.000	20.534	16.871	46.254
32513.709	38489.906	24.606	26.173	30.756
1.018				
3/22/2016 3:45:00 AM	575100.000	20.537	16.873	46.261
32536.934	38515.797	24.625	26.191	30.734
1.018				
3/22/2016 4:00:00 AM	576000.000	20.537	16.869	46.262
32543.311	38526.484	24.632	26.198	30.728
1.018				
3/22/2016 4:15:00 AM	576900.000	20.537	16.874	46.261
32542.967	38521.711	24.629	26.195	30.729
1.018				
3/22/2016 4:30:00 AM	577800.000	20.537	16.870	46.262
32539.283	38521.172	24.628	26.194	30.732
1.018				
3/22/2016 4:45:00 AM	578700.000	20.537	16.871	46.262
32525.340	38503.902	24.616	26.183	30.745
1.018				
3/22/2016 5:00:00 AM	579600.000	20.537	16.867	46.262
32507.492	38486.289	24.604	26.171	30.762
1.018				
3/22/2016 5:15:00 AM	580500.000	20.537	16.870	46.262
32515.354	38492.391	24.608	26.175	30.755
1.018				
3/22/2016 5:30:00 AM	581400.000	20.541	16.870	46.270
32531.068	38511.375	24.622	26.188	30.740
1.018				
3/22/2016 5:45:00 AM	582300.000	20.537	16.869	46.262
32500.783	38476.207	24.597	26.164	30.768
1.018				
3/22/2016 6:00:00 AM	583200.000	20.541	16.870	46.271

32546.240	38528.883	24.634	26.200	30.726
1.018				
3/22/2016 6:15:00 AM	584100.000	20.539	16.872	46.267
32522.537	38499.441	24.613	26.180	30.748
1.018				
3/22/2016 6:30:00 AM	585000.000	20.535	16.871	46.257
32521.873	38499.414	24.613	26.180	30.749
1.018				
3/22/2016 6:45:00 AM	585900.000	20.537	16.865	46.261
32507.219	38487.723	24.605	26.172	30.762
1.018				
3/22/2016 7:00:00 AM	586800.000	20.538	16.863	46.265
32535.807	38522.793	24.629	26.196	30.735
1.018				
3/22/2016 7:15:00 AM	587700.000	20.538	16.864	46.263
32541.986	38529.570	24.634	26.200	30.730
1.018				
3/22/2016 7:30:00 AM	588600.000	20.537	16.866	46.261
32485.543	38460.531	24.585	26.153	30.783
1.018				
3/22/2016 7:45:00 AM	589500.000	20.538	16.871	46.263
32539.234	38520.277	24.628	26.194	30.732
1.018				
3/22/2016 8:00:00 AM	590400.000	20.536	16.869	46.259
32550.881	38535.289	24.638	26.204	30.721
1.018				
3/22/2016 8:15:00 AM	591300.000	20.538	16.870	46.264
32549.008	38532.609	24.637	26.202	30.723
1.018				
3/22/2016 8:30:00 AM	592200.000	20.544	16.875	46.277
32516.646	38489.945	24.607	26.173	30.753
1.018				
3/22/2016 8:45:00 AM	593100.000	20.536	16.868	46.260
32517.148	38496.430	24.611	26.178	30.753
1.018				
3/22/2016 9:00:00 AM	594000.000	20.539	16.869	46.267
32514.410	38492.113	24.608	26.175	30.756
1.018				
3/22/2016 9:15:00 AM	594900.000	20.538	16.870	46.265
32528.910	38508.281	24.619	26.186	30.742
1.018				
3/22/2016 9:30:00 AM	595800.000	20.544	16.873	46.277
32525.209	38501.992	24.615	26.181	30.745
1.018				
3/22/2016 9:45:00 AM	596700.000	20.538	16.876	46.264
32534.709	38510.484	24.621	26.187	30.736
1.018				
3/22/2016 10:00:00 AM	597600.000	20.541	16.874	46.270
32528.979	38505.305	24.617	26.184	30.742
1.018				
3/22/2016 10:15:00 AM	598500.000	20.541	16.872	46.270
32518.654	38494.996	24.610	26.177	30.752
1.018				
3/22/2016 10:30:00 AM	599400.000	20.545	16.867	46.279
32508.043	38486.484	24.604	26.171	30.762

1.018				
3/22/2016 10:45:00 AM	600300.000	20.542	16.871	46.272
32518.373	38495.355	24.610	26.177	30.752
1.018				
3/22/2016 11:00:00 AM	601200.000	20.540	16.873	46.268
32509.543	38483.289	24.602	26.169	30.760
1.018				
3/22/2016 11:15:00 AM	602100.000	20.541	16.870	46.270
32522.207	38500.805	24.614	26.181	30.748
1.018				
3/22/2016 11:30:00 AM	603000.000	20.545	16.870	46.279
32530.152	38509.750	24.620	26.187	30.741
1.018				
3/22/2016 11:45:00 AM	603900.000	20.543	16.873	46.276
32519.660	38495.352	24.610	26.177	30.751
1.018				
3/22/2016 12:00:00 PM	604800.000	20.540	16.872	46.269
32530.680	38508.781	24.620	26.186	30.740
1.018				
3/22/2016 12:15:00 PM	605700.000	20.544	16.872	46.277
32505.453	38478.992	24.599	26.166	30.764
1.018				
3/22/2016 12:30:00 PM	606600.000	20.543	16.868	46.274
32508.482	38485.859	24.603	26.170	30.761
1.018				
3/22/2016 12:45:00 PM	607500.000	20.548	16.871	46.286
32546.820	38528.945	24.634	26.200	30.725
1.018				
3/22/2016 1:00:00 PM	608400.000	20.551	16.872	46.293
32507.168	38481.555	24.601	26.167	30.762
1.018				
3/22/2016 1:15:00 PM	609300.000	20.547	16.870	46.283
32557.234	38542.043	24.643	26.209	30.715
1.018				
3/22/2016 1:30:00 PM	610200.000	20.545	16.869	46.279
32536.773	38518.965	24.627	26.193	30.734
1.018				
3/22/2016 1:45:00 PM	611100.000	20.547	16.870	46.285
32510.754	38486.875	24.604	26.171	30.759
1.018				
3/22/2016 2:00:00 PM	612000.000	20.550	16.871	46.290
32526.482	38504.648	24.617	26.183	30.744
1.018				
3/22/2016 2:15:00 PM	612900.000	20.552	16.870	46.295
32515.846	38493.047	24.609	26.175	30.754
1.018				
3/22/2016 2:30:00 PM	613800.000	20.553	16.870	46.297
32531.920	38512.383	24.622	26.188	30.739
1.018				
3/22/2016 2:45:00 PM	614700.000	20.551	16.868	46.294
32535.670	38517.965	24.626	26.192	30.735
1.018				
3/22/2016 3:00:00 PM	615600.000	20.551	16.868	46.292
32503.119	38480.047	24.599	26.166	30.766
1.018				

3/22/2016 3:15:00 PM 32536.719 1.018	616500.000 38518.898	20.551 24.627	16.869 26.193	46.293 30.735
3/22/2016 3:30:00 PM 32502.416 1.018	617400.000 38474.852	20.550 24.596	16.873 26.163	46.291 30.767
3/22/2016 3:45:00 PM 32528.576 1.018	618300.000 38508.270	20.555 24.619	16.870 26.186	46.302 30.742
3/22/2016 4:00:00 PM 32490.453 1.018	619200.000 38463.676	20.555 24.588	16.869 26.155	46.301 30.778
3/22/2016 4:15:00 PM 32543.480 1.018	620100.000 38524.844	20.554 24.631	16.871 26.197	46.300 30.728
3/22/2016 4:30:00 PM 32526.842 1.018	621000.000 38504.078	20.554 24.616	16.872 26.183	46.300 30.744
3/22/2016 4:45:00 PM 32503.107 1.018	621900.000 38473.992	20.552 24.595	16.875 26.162	46.296 30.766
3/22/2016 5:00:00 PM 32516.154 1.018	622800.000 38491.043	20.554 24.607	16.873 26.174	46.299 30.754
3/22/2016 5:15:00 PM 32514.131 1.018	623700.000 38492.625	20.556 24.608	16.868 26.175	46.305 30.756
3/22/2016 5:30:00 PM 32498.730 1.018	624600.000 38474.852	20.555 24.596	16.868 26.163	46.301 30.770
3/22/2016 5:45:00 PM 32517.094 1.018	625500.000 38493.535	20.553 24.609	16.871 26.176	46.297 30.753
3/22/2016 6:00:00 PM 32473.285 1.018	626400.000 38444.426	20.551 24.574	16.868 26.142	46.292 30.795
3/22/2016 6:15:00 PM 32512.951 1.018	627300.000 38492.914	20.555 24.608	16.866 26.175	46.301 30.757
3/22/2016 6:30:00 PM 32488.535 1.018	628200.000 38462.555	20.555 24.587	16.868 26.155	46.301 30.780
3/22/2016 6:45:00 PM 32493.361 1.018	629100.000 38467.504	20.555 24.590	16.869 26.158	46.302 30.776
3/22/2016 7:00:00 PM 32497.592 1.018	630000.000 38469.375	20.555 24.592	16.873 26.159	46.302 30.772
3/22/2016 7:15:00 PM 32520.512 1.018	630900.000 38497.109	20.553 24.612	16.872 26.178	46.298 30.750
3/22/2016 7:30:00 PM 32505.910 1.018	631800.000 38483.199	20.554 24.602	16.868 26.169	46.300 30.764
3/22/2016 7:45:00 PM	632700.000	20.560	16.870	46.313

32510.078	38486.754	24.604	26.171	30.760
1.018				
3/22/2016 8:00:00 PM	633600.000	20.554	16.872	46.299
32491.684	38462.918	24.587	26.155	30.777
1.018				
3/22/2016 8:15:00 PM	634500.000	20.553	16.867	46.297
32473.479	38445.863	24.575	26.143	30.794
1.018				
3/22/2016 8:30:00 PM	635400.000	20.558	16.870	46.309
32515.906	38492.887	24.608	26.175	30.754
1.018				
3/22/2016 8:45:00 PM	636300.000	20.559	16.869	46.311
32499.801	38474.895	24.596	26.163	30.769
1.018				
3/22/2016 9:00:00 PM	637200.000	20.562	16.866	46.317
32488.568	38464.344	24.588	26.156	30.780
1.018				
3/22/2016 9:15:00 PM	638100.000	20.557	16.870	46.306
32520.793	38498.758	24.613	26.179	30.750
1.018				
3/22/2016 9:30:00 PM	639000.000	20.557	16.867	46.308
32496.900	38473.133	24.594	26.162	30.772
1.018				
3/22/2016 9:45:00 PM	639900.000	20.557	16.866	46.306
32490.207	38466.363	24.590	26.157	30.779
1.018				
3/22/2016 10:00:00 PM	640800.000	20.557	16.869	46.308
32512.791	38490.652	24.607	26.174	30.757
1.018				
3/22/2016 10:15:00 PM	641700.000	20.558	16.868	46.309
32499.467	38475.785	24.596	26.164	30.770
1.018				
3/22/2016 10:30:00 PM	642600.000	20.557	16.869	46.308
32531.658	38513.063	24.623	26.189	30.739
1.018				
3/22/2016 10:45:00 PM	643500.000	20.558	16.870	46.309
32521.336	38499.313	24.613	26.180	30.749
1.018				
3/22/2016 11:00:00 PM	644400.000	20.561	16.870	46.316
32490.910	38463.457	24.588	26.155	30.778
1.018				
3/22/2016 11:15:00 PM	645300.000	20.561	16.872	46.317
32487.199	38457.609	24.584	26.151	30.781
1.018				
3/22/2016 11:30:00 PM	646200.000	20.560	16.872	46.312
32512.930	38487.770	24.605	26.172	30.757
1.018				
3/22/2016 11:45:00 PM	647100.000	20.560	16.870	46.313
32503.721	38478.848	24.599	26.166	30.766
1.018				
3/23/2016 12:00:00 AM	648000.000	20.563	16.870	46.320
32506.223	38481.734	24.601	26.168	30.763
1.018				
3/23/2016 12:15:00 AM	648900.000	20.561	16.871	46.315
32488.928	38460.723	24.586	26.153	30.780

1.018				
3/23/2016 12:30:00 AM	649800.000	20.561	16.871	46.317
32467.121	38434.227	24.567	26.135	30.800
1.018				
3/23/2016 12:45:00 AM	650700.000	20.564	16.870	46.322
32501.264	38475.711	24.596	26.163	30.768
1.018				
3/23/2016 1:00:00 AM	651600.000	20.566	16.873	46.328
32511.807	38485.969	24.604	26.170	30.758
1.018				
3/23/2016 1:15:00 AM	652500.000	20.567	16.872	46.329
32483.777	38453.172	24.581	26.148	30.785
1.018				
3/23/2016 1:30:00 AM	653400.000	20.566	16.872	46.328
32506.838	38480.703	24.600	26.167	30.763
1.018				
3/23/2016 1:45:00 AM	654300.000	20.563	16.871	46.320
32531.730	38511.082	24.621	26.188	30.739
1.018				
3/23/2016 2:00:00 AM	655200.000	20.565	16.869	46.325
32535.414	38517.594	24.626	26.192	30.736
1.018				
3/23/2016 2:15:00 AM	656100.000	20.568	16.870	46.332
32496.469	38470.188	24.592	26.160	30.773
1.018				
3/23/2016 2:30:00 AM	657000.000	20.568	16.870	46.330
32516.578	38493.992	24.609	26.176	30.754
1.018				
3/23/2016 2:45:00 AM	657900.000	20.567	16.869	46.328
32512.740	38490.137	24.606	26.173	30.757
1.018				
3/23/2016 3:00:00 AM	658800.000	20.570	16.868	46.336
32503.992	38480.543	24.600	26.167	30.765
1.018				
3/23/2016 3:15:00 AM	659700.000	20.568	16.872	46.332
32480.730	38450.176	24.578	26.146	30.787
1.018				
3/23/2016 3:30:00 AM	660600.000	20.566	16.872	46.328
32487.643	38458.055	24.584	26.151	30.781
1.018				
3/23/2016 3:45:00 AM	661500.000	20.567	16.871	46.329
32520.883	38497.941	24.612	26.179	30.749
1.018				
3/23/2016 4:00:00 AM	662400.000	20.568	16.870	46.330
32512.355	38489.219	24.606	26.173	30.758
1.018				
3/23/2016 4:15:00 AM	663300.000	20.570	16.870	46.336
32491.744	38464.371	24.588	26.156	30.777
1.018				
3/23/2016 4:30:00 AM	664200.000	20.569	16.870	46.335
32495.660	38469.531	24.592	26.159	30.773
1.018				
3/23/2016 4:45:00 AM	665100.000	20.572	16.871	46.341
32517.889	38494.695	24.610	26.176	30.752
1.018				

3/23/2016 5:00:00 AM	666000.000	20.567	16.869	46.329
32498.166	38473.410	24.595	26.162	30.771
1.018				
3/23/2016 5:15:00 AM	666900.000	20.570	16.870	46.336
32519.166	38496.977	24.611	26.178	30.751
1.018				
3/23/2016 5:30:00 AM	667800.000	20.569	16.867	46.333
32510.049	38488.699	24.605	26.172	30.760
1.018				
3/23/2016 5:45:00 AM	668700.000	20.568	16.867	46.332
32513.334	38492.590	24.608	26.175	30.757
1.018				
3/23/2016 6:00:00 AM	669600.000	20.569	16.869	46.333
32486.980	38459.719	24.585	26.153	30.782
1.018				
3/23/2016 6:15:00 AM	670500.000	20.568	16.869	46.331
32530.039	38510.613	24.621	26.187	30.741
1.018				
3/23/2016 6:30:00 AM	671400.000	20.571	16.871	46.339
32505.688	38480.637	24.600	26.167	30.764
1.018				
3/23/2016 6:45:00 AM	672300.000	20.566	16.869	46.328
32527.959	38508.531	24.619	26.186	30.743
1.018				
3/23/2016 7:00:00 AM	673200.000	20.567	16.870	46.329
32528.828	38508.875	24.620	26.186	30.742
1.018				
3/23/2016 7:15:00 AM	674100.000	20.570	16.866	46.335
32489.447	38465.234	24.589	26.156	30.779
1.018				
3/23/2016 7:30:00 AM	675000.000	20.571	16.866	46.338
32521.064	38502.434	24.615	26.182	30.749
1.018				
3/23/2016 7:45:00 AM	675900.000	20.568	16.868	46.330
32494.125	38469.098	24.592	26.159	30.775
1.018				
3/23/2016 8:00:00 AM	676800.000	20.567	16.870	46.329
32495.084	38468.773	24.591	26.159	30.774
1.018				
3/23/2016 8:15:00 AM	677700.000	20.567	16.869	46.329
32523.049	38502.566	24.615	26.182	30.747
1.018				
3/23/2016 8:30:00 AM	678600.000	20.569	16.868	46.333
32509.756	38487.676	24.605	26.172	30.760
1.018				
3/23/2016 8:45:00 AM	679500.000	20.568	16.869	46.332
32520.563	38499.707	24.613	26.180	30.750
1.018				
3/23/2016 9:00:00 AM	680400.000	20.566	16.869	46.328
32520.473	38499.906	24.613	26.180	30.750
1.018				
3/23/2016 9:15:00 AM	681300.000	20.563	16.869	46.320
32486.898	38459.543	24.585	26.152	30.782
1.018				
3/23/2016 9:30:00 AM	682200.000	20.560	16.870	46.313

32521.229	38499.797	24.613	26.180	30.749
1.018				
3/23/2016 9:45:00 AM	683100.000	20.563	16.868	46.320
32527.957	38509.449	24.620	26.186	30.743
1.018				
3/23/2016 10:00:00 AM	684000.000	20.562	16.869	46.318
32517.271	38495.578	24.610	26.177	30.753
1.018				
3/23/2016 10:15:00 AM	684900.000	20.563	16.870	46.321
32515.621	38493.160	24.609	26.175	30.754
1.018				
3/23/2016 10:30:00 AM	685800.000	20.561	16.869	46.316
32517.205	38495.645	24.610	26.177	30.753
1.018				
3/23/2016 10:45:00 AM	686700.000	20.561	16.869	46.316
32500.660	38476.145	24.597	26.164	30.769
1.018				
3/23/2016 11:00:00 AM	687600.000	20.562	16.867	46.318
32494.313	38470.461	24.592	26.160	30.775
1.018				
3/23/2016 11:15:00 AM	688500.000	20.565	16.869	46.325
32465.953	38434.746	24.567	26.136	30.801
1.018				
3/23/2016 11:30:00 AM	689400.000	20.560	16.868	46.312
32505.797	38482.992	24.601	26.168	30.764
1.018				
3/23/2016 11:45:00 AM	690300.000	20.563	16.870	46.320
32482.924	38454.000	24.581	26.149	30.785
1.018				
3/23/2016 12:00:00 PM	691200.000	20.560	16.868	46.313
32506.301	38483.879	24.602	26.169	30.763
1.018				
3/23/2016 12:15:00 PM	692100.000	20.561	16.869	46.316
32521.035	38500.035	24.613	26.180	30.749
1.018				
3/23/2016 12:30:00 PM	693000.000	20.559	16.870	46.311
32510.201	38486.133	24.604	26.171	30.760
1.018				
3/23/2016 12:45:00 PM	693900.000	20.557	16.870	46.306
32486.170	38458.293	24.584	26.152	30.782
1.018				
3/23/2016 1:00:00 PM	694800.000	20.560	16.870	46.313
32515.242	38492.031	24.608	26.175	30.755
1.018				
3/23/2016 1:15:00 PM	695700.000	20.560	16.870	46.313
32519.248	38497.301	24.612	26.178	30.751
1.018				
3/23/2016 1:30:00 PM	696600.000	20.558	16.873	46.309
32514.809	38489.605	24.606	26.173	30.755
1.018				
3/23/2016 1:45:00 PM	697500.000	20.562	16.870	46.318
32512.236	38489.309	24.606	26.173	30.758
1.018				
3/23/2016 2:00:00 PM	698400.000	20.558	16.872	46.309
32510.818	38485.414	24.603	26.170	30.759



1.018				
3/23/2016 2:15:00 PM	699300.000	20.560	16.871	46.312
32491.229	38463.066	24.587	26.155	30.778
1.018				
3/23/2016 2:30:00 PM	700200.000	20.560	16.869	46.312
32512.732	38490.203	24.607	26.173	30.757
1.018				
3/23/2016 2:45:00 PM	701100.000	20.560	16.870	46.314
32526.389	38505.680	24.617	26.184	30.744
1.018				
3/23/2016 3:00:00 PM	702000.000	20.562	16.870	46.318
32500.279	38475.078	24.596	26.163	30.769
1.018				
3/23/2016 3:15:00 PM	702900.000	20.555	16.869	46.303
32504.346	38480.508	24.600	26.167	30.765
1.018				
3/23/2016 3:30:00 PM	703800.000	20.560	16.870	46.313
32512.051	38488.859	24.606	26.172	30.758
1.018				
3/23/2016 3:45:00 PM	704700.000	20.556	16.868	46.304
32496.855	38472.172	24.594	26.161	30.772
1.018				
3/23/2016 4:00:00 PM	705600.000	20.562	16.871	46.318
32471.895	38440.559	24.572	26.140	30.796
1.018				
3/23/2016 4:15:00 PM	706500.000	20.556	16.872	46.305
32509.406	38483.746	24.602	26.169	30.760
1.018				
3/23/2016 4:30:00 PM	707400.000	20.553	16.870	46.297
32471.498	38441.082	24.572	26.140	30.796
1.018				
3/23/2016 4:45:00 PM	708300.000	20.557	16.869	46.306
32489.811	38463.367	24.588	26.155	30.779
1.018				
3/23/2016 5:00:00 PM	709200.000	20.557	16.866	46.306
32499.750	38477.199	24.597	26.164	30.769
1.018				
3/23/2016 5:15:00 PM	710100.000	20.558	16.868	46.309
32497.207	38473.113	24.594	26.162	30.772
1.018				
3/23/2016 5:30:00 PM	711000.000	20.556	16.868	46.304
32510.650	38489.188	24.606	26.173	30.759
1.018				
3/23/2016 5:45:00 PM	711900.000	20.556	16.870	46.304
32495.969	38469.445	24.592	26.159	30.773
1.018				
3/23/2016 6:00:00 PM	712800.000	20.555	16.868	46.302
32512.293	38490.449	24.607	26.174	30.758
1.018				
3/23/2016 6:15:00 PM	713700.000	20.556	16.870	46.304
32509.051	38484.703	24.603	26.170	30.761
1.018				
3/23/2016 6:30:00 PM	714600.000	20.556	16.867	46.305
32522.424	38503.969	24.616	26.183	30.748
1.018				

3/23/2016 6:45:00 PM 32496.805 1.018	715500.000 38472.184	20.558 24.594	16.868 26.161	46.309 30.772
3/23/2016 7:00:00 PM 32525.508 1.018	716400.000 38504.863	20.554 24.617	16.870 26.183	46.299 30.745
3/23/2016 7:15:00 PM 32512.436 1.018	717300.000 38489.547	20.553 24.606	16.870 26.173	46.297 30.757
3/23/2016 7:30:00 PM 32485.877 1.018	718200.000 38459.016	20.553 24.584	16.868 26.152	46.298 30.783
3/23/2016 7:45:00 PM 32543.498 1.018	719100.000 38527.078	20.553 24.633	16.869 26.198	46.298 30.728
3/23/2016 8:00:00 PM 32488.770 1.018	720000.000 38462.758	20.557 24.587	16.868 26.155	46.306 30.780
3/23/2016 8:15:00 PM 32503.275 1.018	720900.000 38478.020	20.556 24.598	16.870 26.165	46.305 30.766
3/23/2016 8:30:00 PM 32510.324 1.018	721800.000 38489.188	20.555 24.606	16.867 26.173	46.301 30.759
3/23/2016 8:45:00 PM 32530.766 1.018	722700.000 38512.777	20.553 24.622	16.868 26.189	46.297 30.740
3/23/2016 9:00:00 PM 32513.723 1.018	723600.000 38492.664	20.554 24.608	16.868 26.175	46.299 30.756
3/23/2016 9:15:00 PM 32496.201 1.018	724500.000 38472.699	20.560 24.594	16.867 26.161	46.313 30.773
3/23/2016 9:30:00 PM 32484.289 1.018	725400.000 38459.883	20.554 24.585	16.865 26.153	46.299 30.784
3/23/2016 9:45:00 PM 32501.654 1.018	726300.000 38479.605	20.554 24.599	16.866 26.166	46.299 30.768
3/23/2016 10:00:00 PM 32499.125 1.018	727200.000 38473.406	20.553 24.595	16.870 26.162	46.298 30.770
3/23/2016 10:15:00 PM 32504.408 1.018	728100.000 38480.270	20.555 24.600	16.869 26.167	46.303 30.765
3/23/2016 10:30:00 PM 32519.258 1.018	729000.000 38496.629	20.554 24.611	16.871 26.178	46.299 30.751
3/23/2016 10:45:00 PM 32485.410 1.018	729900.000 38459.082	20.555 24.584	16.868 26.152	46.302 30.783
3/23/2016 11:00:00 PM 32490.625 1.018	730800.000 38463.793	20.552 24.588	16.869 26.155	46.296 30.778
3/23/2016 11:15:00 PM	731700.000	20.555	16.869	46.302

32504.936	38481.273	24.600	26.167	30.765
1.018				
3/23/2016 11:30:00 PM	732600.000	20.551	16.873	46.294
32544.602	38525.023	24.631	26.197	30.727
1.018				
3/23/2016 11:45:00 PM	733500.000	20.553	16.870	46.298
32554.090	38538.477	24.641	26.206	30.718
1.018				

Report Date: 3/24/2016 2:15:40 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-4D Pre Test\_2016-03-24\_13-22-45-760.wsl  
Create Date: 3/24/2016 1:22:42 PM

Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-4D  
Device Name:  
Serial Number: 392547  
Firmware Version: 2.00  
Hardware Version: 3  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 3  
Used Battery(%): 3

Log Configuration

Log Name: MPWSP MW-4D Pre Test  
Created By: nreynolds  
Computer Name: PROBOOK1  
Application: WinSitu.exe  
Application Version: 5.6.25.0  
Create Date: 3/13/2015 6:11:47 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 6:15:00 PM Pacific Daylight Time  
Scheduled Stop Time: No Stop Time  
Type: Linear  
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth  
Specific Gravity: 1.024

Other Log Settings

Depth of Probe: 271.546 (ft)  
Head Pressure: 120.548 (PSI)  
Temperature: 20.4148 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

Date and Time	Note
3/13/2015 6:12:00 PM	Used Battery: 3% Used Memory: 6% User Name: nreynolds
3/20/2015 2:49:07 PM	Log Download - Used Battery: 3% Used Memory: 6% User Name: GSSI
3/27/2015 12:53:55 PM	Log Download - Used Battery: 3% Used Memory: 7% User Name: GSSI
4/3/2015 2:51:11 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: ECrowWillard
4/8/2015 1:53:10 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: ECrowWillard
4/10/2015 11:29:19 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: ECrowWillard
4/17/2015 11:35:37 AM	Log Download - Used Battery: 4% Used Memory: 9% User Name: AKieta
4/24/2015 11:18:08 AM	Log Download - Used Battery: 5% Used Memory: 10% User Name: JSobolew
4/30/2015 3:06:21 PM	Log Download - Used Battery: 5% Used Memory: 10% User Name: GSSI
5/7/2015 8:09:16 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: ECrowWillard Interval - Start Time: 4/30/2015 3:00:00 PM
5/14/2015 4:56:40 PM	Log Download - Used Battery: 6% Used Memory: 12% User Name: BDuarte
5/21/2015 12:10:59 PM	Log Download - Used Battery: 6% Used Memory: 14% User Name: CShaw
5/28/2015 8:24:45 AM	Log Download - Used Battery: 7% Used Memory: 14% User Name: ECrowWillard Interval - Start Time: 5/7/2015 8:00:00 AM
6/4/2015 1:11:43 PM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte
6/8/2015 7:50:56 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte
6/8/2015 7:51:21 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/4/2015 1:00:00 PM
6/11/2015 7:20:33 AM	Log Download - Used Battery: 7% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/8/2015 7:45:00 AM
6/17/2015 8:18:07 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: CShaw Interval - Start Time: 5/21/2015 12:00:00 PM
6/18/2015 9:14:06 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: CShaw
6/25/2015 9:25:21 AM	Log Download - Used Battery: 8% Used Memory: 17% User Name: BDuarte Interval - Start Time: 6/11/2015 7:15:00 AM
7/2/2015 1:07:51 PM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/9/2015 10:04:53 AM	Log Download - Used Battery: 9% Used Memory: 18% User Name: BDuarte
7/16/2015 1:23:49 PM	Log Download - Used Battery: 9% Used Memory: 20% User Name: CShaw
7/23/2015 5:05:36 PM	Log Download - Used Battery: 10% Used Memory: 20% User Name: KMakar
7/30/2015 11:32:36 AM	Log Download - Used Battery: 10% Used Memory: 21% User Name: BDuarte Interval - Start Time: 7/9/2015 10:00:00 AM
8/6/2015 6:22:24 PM	Log Download - Used Battery: 10% Used Memory: 21% User Name: CShaw Interval - Start Time: 7/1/2015 3:30:00 PM Stop Time: 8/6/2015 5:30:00 PM
8/13/2015 2:04:11 PM	Log Download - Used Battery: 11% Used Memory: 23% User Name: KMakar Interval - Start Time: 7/23/2015 5:00:00 PM
8/20/2015 12:00:21 PM	Log Download - Used Battery: 11% Used Memory: 23% User Name: BDuarte Interval - Start Time: 7/30/2015 11:30:00 AM
8/27/2015 12:42:28 PM	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 12:40:00 PM
9/3/2015 6:29:41 PM	Log Download - Used Battery: 12% Used Memory: 26% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 7:15:00 PM
9/10/2015 11:57:05 AM	Log Download - Used Battery: 12% Used Memory: 26% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:55:00 AM
9/17/2015 11:20:16 AM	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 11:20:00 AM
9/24/2015 6:34:44 PM	Log Download - Used Battery: 13% Used Memory: 28% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 6:30:00 PM
10/1/2015 2:35:46 PM	Log Download - Used Battery: 13% Used Memory: 29% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 2:30:00 PM

10/8/2015 5:13:21 PM 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 6:00:00 PM

10/15/2015 1:51:13 PM Log Download - Used Battery: 14% Used Memory: 31% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 1:50:00 PM

10/22/2015 5:37:36 PM Log Download - Used Battery: 14% Used Memory: 31% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 6:30:00 PM

10/29/2015 3:55:13 PM Log Download - Used Battery: 15% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 3:50:00 PM

11/5/2015 2:55:45 PM Log Download - Used Battery: 15% Used Memory: 32% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/5/2015 3:00:00 PM

11/12/2015 5:48:20 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/5/2015 5:50:00 PM

11/12/2015 5:48:42 PM Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/12/2015 5:50:00 PM

11/19/2015 3:51:21 PM Log Download - Used Battery: 16% Used Memory: 34% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 3:50:00 PM

11/29/2015 10:25:59 AM Log Download - Used Battery: 16% Used Memory: 35% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 11:15:00 AM

12/3/2015 11:38:11 AM 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 11:35:00 AM

12/10/2015 4:06:30 PM Log Download - Used Battery: 17% Used Memory: 37% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 4:45:00 PM

12/17/2015 1:16:47 PM Log Download - Used Battery: 17% Used Memory: 37% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 1:15:00 PM

1/3/2016 2:37:21 PM Log Download - Used Battery: 18% Used Memory: 40% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 3:30:00 PM

1/7/2016 11:07:23 AM Log Download - Used Battery: 18% Used Memory: 40% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 11:30:00 AM

1/14/2016 9:52:59 AM Log Download - Used Battery: 19% Used Memory: 40% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 9:50:00 AM

1/21/2016 1:00:32 PM Log Download - Used Battery: 19% Used Memory: 42% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 1:00:00 PM

1/28/2016 2:37:33 PM 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 2:30:00 PM

2/4/2016 3:40:15 PM Log Download - Used Battery: 20% Used Memory: 43% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 3:45:00 PM

2/4/2016 3:55:22 PM Log Download - Used Battery: 20% Used Memory: 43% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 4:45:00 PM

2/11/2016 8:29:23 AM Log Download - Used Battery: 20% Used Memory: 45% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:15:00 AM

2/18/2016 12:40:39 PM Log Download - Used Battery: 21% Used Memory: 45% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:45:00 PM

2/25/2016 12:43:51 PM Log Download - Used Battery: 21% Used Memory: 46% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:45:00 PM

3/3/2016 1:24:07 PM Log Download - Used Battery: 21% Used Memory: 46% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 2:15:00 PM

3/10/2016 3:25:58 PM Log Download - Used Battery: 22% Used Memory: 48% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 3:30:00 PM

3/17/2016 8:15:18 PM Log Download - Used Battery: 22% Used Memory: 48% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 8:45:00 PM

3/18/2016 8:51:54 AM Log Download - Used Battery: 22% Used Memory: 48% User Name: SKuiper Interval - Start Time: 3/8/2016 9:00:00 AM Stop Time: 3/18/2016 9:45:00 AM

3/24/2016 1:26:46 PM Log Download - Used Battery: 22% Used Memory: 50% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:15:00 PM

Log Data:

Record Count: 869

Sensors: 1

1 - 392547: PCTD 300 PSIG (211m/692ft)

Time Zone: Pacific Daylight Time

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
Elapsed Time	SN#: 392547	SN#: 392547	SN#: 392547
392547	SN#: 392547	SN#: 392547	SN#: 392547
SN#: 392547			

Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)
Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)	
Resistivity (ohm-cm)	Water Density (g/cm3)			

3/17/2016 12:00:00 AM	129600.000	121.859	20.410	274.500
35291.539	38683.164	24.876	26.305	28.335
1.017				
3/17/2016 12:15:00 AM	130500.000	121.846	20.415	274.470
35264.227	38648.840	24.852	26.281	28.357
1.017				
3/17/2016 12:30:00 AM	131400.000	121.846	20.414	274.470
35295.203	38683.922	24.877	26.305	28.332
1.017				
3/17/2016 12:45:00 AM	132300.000	121.841	20.411	274.460
35308.684	38700.895	24.889	26.317	28.322
1.017				
3/17/2016 1:00:00 AM	133200.000	121.832	20.411	274.439
35337.750	38732.613	24.911	26.338	28.298
1.017				
3/17/2016 1:15:00 AM	134100.000	121.827	20.411	274.426
35386.121	38785.555	24.949	26.374	28.260
1.017				
3/17/2016 1:30:00 AM	135000.000	121.836	20.412	274.448
35377.598	38775.148	24.942	26.367	28.266
1.017				
3/17/2016 1:45:00 AM	135900.000	121.830	20.414	274.434
35363.082	38758.172	24.929	26.356	28.278
1.017				
3/17/2016 2:00:00 AM	136800.000	121.833	20.412	274.441
35411.230	38812.148	24.968	26.392	28.240
1.017				
3/17/2016 2:15:00 AM	137700.000	121.841	20.411	274.460
35399.168	38799.578	24.959	26.384	28.249
1.017				
3/17/2016 2:30:00 AM	138600.000	121.836	20.411	274.448
35428.043	38831.641	24.982	26.406	28.226
1.017				
3/17/2016 2:45:00 AM	139500.000	121.854	20.412	274.487
35446.914	38851.258	24.996	26.419	28.211
1.017				

3/17/2016 3:00:00 AM 35452.367 1.017	140400.000 38857.887	121.855 25.000	20.411 26.423	274.489 28.207
3/17/2016 3:15:00 AM 35460.168 1.017	141300.000 38863.363	121.875 25.004	20.415 26.427	274.536 28.201
3/17/2016 3:30:00 AM 35481.145 1.017	142200.000 38890.137	121.883 25.023	20.411 26.445	274.553 28.184
3/17/2016 3:45:00 AM 35493.590 1.017	143100.000 38901.355	121.894 25.031	20.414 26.453	274.579 28.174
3/17/2016 4:00:00 AM 35551.195 1.017	144000.000 38967.773	121.912 25.079	20.410 26.498	274.620 28.128
3/17/2016 4:15:00 AM 35570.309 1.017	144900.000 38989.648	121.916 25.094	20.408 26.513	274.628 28.113
3/17/2016 4:30:00 AM 35604.074 1.017	145800.000 39024.523	121.939 25.119	20.411 26.537	274.680 28.087
3/17/2016 4:45:00 AM 35620.023 1.017	146700.000 39041.574	121.947 25.131	20.412 26.548	274.698 28.074
3/17/2016 5:00:00 AM 35602.563 1.017	147600.000 39024.930	121.968 25.119	20.409 26.537	274.744 28.088
3/17/2016 5:15:00 AM 35680.762 1.017	148500.000 39109.508	121.973 25.180	20.410 26.594	274.757 28.026
3/17/2016 5:30:00 AM 35664.715 1.017	149400.000 39092.129	122.002 25.167	20.410 26.583	274.822 28.039
3/17/2016 5:45:00 AM 35688.945 1.017	150300.000 39117.832	122.009 25.186	20.411 26.600	274.838 28.020
3/17/2016 6:00:00 AM 35726.031 1.017	151200.000 39158.340	122.012 25.215	20.411 26.628	274.843 27.991
3/17/2016 6:15:00 AM 35728.391 1.017	152100.000 39161.070	122.037 25.217	20.411 26.630	274.901 27.989
3/17/2016 6:30:00 AM 35756.172 1.017	153000.000 39191.727	122.045 25.238	20.410 26.650	274.917 27.967
3/17/2016 6:45:00 AM 35808.844 1.017	153900.000 39250.832	122.049 25.281	20.409 26.691	274.927 27.926
3/17/2016 7:00:00 AM 35798.320 1.017	154800.000 39236.926	122.056 25.271	20.412 26.681	274.943 27.934
3/17/2016 7:15:00 AM 35818.609 1.017	155700.000 39259.090	122.072 25.287	20.412 26.696	274.980 27.918
3/17/2016 7:30:00 AM 35822.473	156600.000 39261.168	122.078 25.288	20.414 26.698	274.993 27.915



1.017				
3/17/2016 7:45:00 AM	157500.000	122.072	20.412	274.980
35837.320	39279.672	25.301	26.710	27.904
1.017				
3/17/2016 8:00:00 AM	158400.000	122.078	20.412	274.993
35846.844	39290.180	25.309	26.717	27.896
1.017				
3/17/2016 8:15:00 AM	159300.000	122.070	20.414	274.974
35859.246	39301.906	25.317	26.725	27.887
1.017				
3/17/2016 8:30:00 AM	160200.000	122.071	20.414	274.978
35877.863	39322.012	25.331	26.739	27.872
1.017				
3/17/2016 8:45:00 AM	161100.000	122.063	20.412	274.959
35886.805	39333.980	25.340	26.747	27.865
1.017				
3/17/2016 9:00:00 AM	162000.000	122.048	20.412	274.925
35915.328	39364.520	25.362	26.768	27.843
1.017				
3/17/2016 9:15:00 AM	162900.000	122.043	20.412	274.915
35917.379	39366.770	25.363	26.769	27.842
1.017				
3/17/2016 9:30:00 AM	163800.000	122.029	20.414	274.883
35916.258	39364.672	25.362	26.768	27.843
1.017				
3/17/2016 9:45:00 AM	164700.000	122.012	20.414	274.843
35944.141	39395.164	25.384	26.789	27.821
1.017				
3/17/2016 10:00:00 AM	165600.000	122.009	20.417	274.838
35923.023	39369.129	25.365	26.771	27.837
1.017				
3/17/2016 10:15:00 AM	166500.000	121.965	20.416	274.738
35944.105	39393.539	25.383	26.788	27.821
1.017				
3/17/2016 10:30:00 AM	167400.000	121.956	20.414	274.717
35933.719	39383.594	25.375	26.781	27.829
1.017				
3/17/2016 10:45:00 AM	168300.000	121.933	20.414	274.666
35935.543	39385.094	25.377	26.782	27.828
1.017				
3/17/2016 11:00:00 AM	169200.000	121.919	20.415	274.634
35929.066	39377.559	25.371	26.777	27.833
1.017				
3/17/2016 11:15:00 AM	170100.000	121.886	20.412	274.561
35958.402	39411.801	25.396	26.800	27.810
1.017				
3/17/2016 11:30:00 AM	171000.000	121.866	20.416	274.516
35947.094	39396.664	25.385	26.790	27.819
1.017				
3/17/2016 11:45:00 AM	171900.000	121.833	20.417	274.441
35945.500	39393.914	25.383	26.788	27.820
1.017				
3/17/2016 12:00:00 PM	172800.000	121.817	20.416	274.405
35917.848	39364.465	25.362	26.768	27.841
1.017				
3/17/2016 12:15:00 PM	173700.000	121.797	20.414	274.359

35926.648	39375.625	25.370	26.775	27.834
1.017				
3/17/2016 12:30:00 PM	174600.000	121.777	20.415	274.314
35908.254	39354.820	25.355	26.761	27.849
1.017				
3/17/2016 12:45:00 PM	175500.000	121.739	20.417	274.228
35933.500	39380.539	25.373	26.779	27.829
1.017				
3/17/2016 1:00:00 PM	176400.000	121.729	20.412	274.206
35955.996	39409.313	25.394	26.798	27.812
1.017				
3/17/2016 1:15:00 PM	177300.000	121.705	20.411	274.152
35988.219	39445.211	25.419	26.823	27.787
1.017				
3/17/2016 1:30:00 PM	178200.000	121.696	20.412	274.132
35982.684	39438.641	25.415	26.818	27.791
1.017				
3/17/2016 1:45:00 PM	179100.000	121.681	20.410	274.098
35989.551	39448.039	25.421	26.825	27.786
1.017				
3/17/2016 2:00:00 PM	180000.000	121.671	20.412	274.075
35978.023	39433.961	25.411	26.815	27.795
1.017				
3/17/2016 2:15:00 PM	180900.000	121.647	20.407	274.022
35977.730	39437.539	25.414	26.818	27.795
1.017				
3/17/2016 2:30:00 PM	181800.000	121.630	20.413	273.984
35953.328	39406.102	25.391	26.796	27.814
1.017				
3/17/2016 2:45:00 PM	182700.000	121.631	20.414	273.985
35969.809	39422.785	25.403	26.807	27.801
1.017				
3/17/2016 3:00:00 PM	183600.000	121.625	20.414	273.972
35957.738	39410.137	25.394	26.799	27.810
1.017				
3/17/2016 3:15:00 PM	184500.000	121.630	20.414	273.984
35970.516	39423.926	25.404	26.808	27.801
1.017				
3/17/2016 3:30:00 PM	185400.000	121.620	20.411	273.961
36007.793	39467.172	25.435	26.838	27.772
1.017				
3/17/2016 3:45:00 PM	186300.000	121.629	20.411	273.982
35994.234	39452.309	25.424	26.828	27.782
1.017				
3/17/2016 4:00:00 PM	187200.000	121.625	20.414	273.972
36000.191	39456.449	25.427	26.830	27.778
1.017				
3/17/2016 4:15:00 PM	188100.000	121.645	20.410	274.018
36010.133	39470.816	25.438	26.840	27.770
1.017				
3/17/2016 4:30:00 PM	189000.000	121.663	20.409	274.057
36036.770	39500.094	25.458	26.860	27.749
1.017				
3/17/2016 4:45:00 PM	189900.000	121.673	20.408	274.080
36041.012	39505.965	25.463	26.864	27.746
1.017				

3/17/2016 5:00:00 PM 36050.770 1.017	190800.000 39514.422	121.677 25.469	20.411 26.870	274.089 27.739
3/17/2016 5:15:00 PM 36035.723 1.017	191700.000 39499.223	121.702 25.458	20.409 26.859	274.147 27.750
3/17/2016 5:30:00 PM 36066.227 1.017	192600.000 39533.676	121.701 25.482	20.408 26.883	274.144 27.727
3/17/2016 5:45:00 PM 36089.813 1.017	193500.000 39559.168	121.728 25.501	20.408 26.900	274.204 27.709
3/17/2016 6:00:00 PM 36084.227 1.017	194400.000 39551.301	121.742 25.495	20.410 26.895	274.235 27.713
3/17/2016 6:15:00 PM 36090.332 1.017	195300.000 39556.699	121.768 25.499	20.412 26.899	274.294 27.708
3/17/2016 6:30:00 PM 36100.258 1.017	196200.000 39568.227	121.783 25.507	20.411 26.906	274.328 27.701
3/17/2016 6:45:00 PM 36108.957 1.017	197100.000 39578.199	121.801 25.514	20.411 26.913	274.368 27.694
3/17/2016 7:00:00 PM 36114.105 1.017	198000.000 39581.660	121.820 25.517	20.413 26.916	274.411 27.690
3/17/2016 7:15:00 PM 36174.516 1.017	198900.000 39649.828	121.846 25.565	20.411 26.962	274.470 27.644
3/17/2016 7:30:00 PM 36153.805 1.017	199800.000 39625.172	121.855 25.548	20.413 26.945	274.489 27.660
3/17/2016 7:45:00 PM 36164.508 1.017	200700.000 39636.617	121.876 25.556	20.414 26.953	274.537 27.651
3/17/2016 8:00:00 PM 36179.852 1.017	201600.000 39654.449	121.887 25.569	20.412 26.965	274.563 27.640
3/17/2016 8:15:00 PM 36176.566 1.017	202500.000 39650.918	121.900 25.566	20.412 26.963	274.591 27.642
3/17/2016 8:30:00 PM 36219.590 1.018	203400.000 39697.355	121.907 25.600	20.413 26.994	274.608 27.609
3/17/2016 8:45:00 PM 36209.203 1.018	204300.000 39686.480	121.911 25.592	20.413 26.987	274.617 27.617
3/17/2016 9:00:00 PM 36242.777 1.018	205200.000 39722.402	121.942 25.617	20.414 27.011	274.687 27.592
3/17/2016 9:15:00 PM 36224.785 1.018	206100.000 39701.152	121.921 25.602	20.416 26.997	274.639 27.605
3/17/2016 9:30:00 PM 36248.191	207000.000 39727.969	121.939 25.621	20.414 27.015	274.680 27.588

1.018				
3/17/2016 9:45:00 PM	207900.000	121.942	20.415	274.687
36248.059	39727.379	25.621	27.015	27.588
1.018				
3/17/2016 10:00:00 PM	208800.000	121.941	20.412	274.683
36274.031	39757.672	25.643	27.035	27.568
1.018				
3/17/2016 10:15:00 PM	209700.000	121.948	20.412	274.700
36257.090	39739.402	25.630	27.023	27.581
1.018				
3/17/2016 10:30:00 PM	210600.000	121.939	20.413	274.680
36293.309	39778.156	25.657	27.049	27.553
1.018				
3/17/2016 10:45:00 PM	211500.000	121.935	20.414	274.670
36295.348	39779.797	25.658	27.050	27.552
1.018				
3/17/2016 11:00:00 PM	212400.000	121.925	20.415	274.647
36280.020	39762.336	25.646	27.038	27.563
1.018				
3/17/2016 11:15:00 PM	213300.000	121.928	20.413	274.655
36309.160	39795.664	25.670	27.061	27.541
1.018				
3/17/2016 11:30:00 PM	214200.000	121.919	20.415	274.634
36290.965	39774.191	25.655	27.046	27.555
1.018				
3/17/2016 11:45:00 PM	215100.000	121.905	20.413	274.602
36332.336	39820.930	25.688	27.078	27.524
1.018				
3/18/2016 12:00:00 AM	216000.000	121.918	20.413	274.632
36282.039	39765.719	25.648	27.041	27.562
1.018				
3/18/2016 12:15:00 AM	216900.000	121.893	20.411	274.577
36314.785	39803.219	25.675	27.066	27.537
1.018				
3/18/2016 12:30:00 AM	217800.000	121.864	20.416	274.509
36310.227	39794.793	25.669	27.060	27.540
1.018				
3/18/2016 12:45:00 AM	218700.000	121.880	20.412	274.548
36303.074	39789.645	25.665	27.057	27.546
1.018				
3/18/2016 1:00:00 AM	219600.000	121.874	20.411	274.533
36326.641	39816.652	25.685	27.075	27.528
1.018				
3/18/2016 1:15:00 AM	220500.000	121.856	20.413	274.493
36341.266	39831.293	25.695	27.085	27.517
1.018				
3/18/2016 1:30:00 AM	221400.000	121.844	20.414	274.465
36321.828	39808.742	25.679	27.070	27.532
1.018				
3/18/2016 1:45:00 AM	222300.000	121.844	20.414	274.465
36318.297	39804.949	25.676	27.067	27.534
1.018				
3/18/2016 2:00:00 AM	223200.000	121.821	20.411	274.413
36339.910	39830.684	25.695	27.085	27.518
1.018				
3/18/2016 2:15:00 AM	224100.000	121.835	20.413	274.444

36353.016	39843.441	25.704	27.094	27.508
1.018				
3/18/2016 2:30:00 AM	225000.000	121.820	20.411	274.411
36333.566	39824.098	25.690	27.080	27.523
1.018				
3/18/2016 2:45:00 AM	225900.000	121.836	20.410	274.448
36322.406	39812.441	25.682	27.072	27.531
1.018				
3/18/2016 3:00:00 AM	226800.000	121.824	20.412	274.421
36360.531	39852.922	25.711	27.100	27.502
1.018				
3/18/2016 3:15:00 AM	227700.000	121.828	20.411	274.429
36345.289	39837.090	25.699	27.089	27.514
1.018				
3/18/2016 3:30:00 AM	228600.000	121.844	20.413	274.466
36339.887	39829.414	25.694	27.084	27.518
1.018				
3/18/2016 3:45:00 AM	229500.000	121.842	20.413	274.461
36350.063	39840.566	25.702	27.092	27.510
1.018				
3/18/2016 4:00:00 AM	230400.000	121.857	20.412	274.494
36355.230	39846.891	25.706	27.096	27.506
1.018				
3/18/2016 4:15:00 AM	231300.000	121.856	20.414	274.493
36347.828	39837.539	25.700	27.090	27.512
1.018				
3/18/2016 4:30:00 AM	232200.000	121.868	20.413	274.519
36362.691	39854.477	25.712	27.101	27.501
1.018				
3/18/2016 4:45:00 AM	233100.000	121.888	20.411	274.565
36386.488	39881.953	25.731	27.120	27.483
1.018				
3/18/2016 5:00:00 AM	234000.000	121.896	20.412	274.583
36391.078	39886.469	25.735	27.123	27.479
1.018				
3/18/2016 5:15:00 AM	234900.000	121.917	20.411	274.630
36426.609	39926.371	25.763	27.150	27.452
1.018				
3/18/2016 5:30:00 AM	235800.000	121.937	20.412	274.675
36415.063	39912.250	25.753	27.140	27.461
1.018				
3/18/2016 5:45:00 AM	236700.000	121.941	20.411	274.685
36375.016	39869.672	25.723	27.111	27.491
1.018				
3/18/2016 6:00:00 AM	237600.000	121.957	20.414	274.721
36442.809	39941.711	25.774	27.160	27.440
1.018				
3/18/2016 6:15:00 AM	238500.000	121.977	20.412	274.766
36433.367	39932.313	25.768	27.154	27.447
1.018				
3/18/2016 6:30:00 AM	239400.000	121.988	20.412	274.789
36444.703	39944.875	25.776	27.163	27.439
1.018				
3/18/2016 6:45:00 AM	240300.000	122.021	20.413	274.863
36453.680	39953.770	25.783	27.169	27.432
1.018				

3/18/2016 7:00:00 AM 36451.035 1.018	241200.000 39950.797	122.014 25.781	20.414 27.167	274.849 27.434
3/18/2016 7:15:00 AM 36473.660 1.018	242100.000 39974.934	122.028 25.798	20.414 27.183	274.880 27.417
3/18/2016 7:30:00 AM 36483.777 1.018	243000.000 39986.684	122.036 25.806	20.414 27.191	274.899 27.409
3/18/2016 7:45:00 AM 36445.191 1.018	243900.000 39942.922	122.060 25.775	20.415 27.161	274.952 27.438
3/18/2016 8:00:00 AM 36480.836 1.018	244800.000 39985.297	122.068 25.805	20.411 27.190	274.971 27.412
3/18/2016 8:15:00 AM 36480.379 1.018	245700.000 39983.395	122.066 25.804	20.413 27.189	274.965 27.412
3/18/2016 8:30:00 AM 36499.309 1.018	246600.000 40003.563	122.066 25.819	20.414 27.202	274.965 27.398
3/18/2016 8:45:00 AM 36492.902 1.018	247500.000 39996.684	122.078 25.814	20.414 27.198	274.993 27.403
3/18/2016 9:00:00 AM 36496.348 1.018	248400.000 39998.121	122.076 25.815	20.416 27.199	274.988 27.400
3/18/2016 9:15:00 AM 36505.547 1.018	249300.000 40009.301	122.075 25.823	20.415 27.206	274.985 27.393
3/18/2016 9:30:00 AM 36487.945 1.018	250200.000 39990.293	122.068 25.809	20.415 27.193	274.971 27.406
3/18/2016 9:45:00 AM 36486.277 1.018	251100.000 39989.789	122.061 25.809	20.413 27.193	274.955 27.408
3/18/2016 10:00:00 AM 36511.301 1.018	252000.000 40015.234	122.052 25.827	20.415 27.210	274.934 27.389
3/18/2016 10:15:00 AM 36512.164 1.018	252900.000 40019.184	122.040 25.830	20.412 27.213	274.907 27.388
3/18/2016 10:30:00 AM 36506.730 1.018	253800.000 40013.531	122.023 25.826	20.411 27.209	274.869 27.392
3/18/2016 10:45:00 AM 36482.582 1.018	254700.000 39984.566	122.000 25.805	20.414 27.190	274.817 27.410
3/18/2016 11:00:00 AM 36488.945 1.018	255600.000 39992.125	121.996 25.810	20.414 27.195	274.807 27.406
3/18/2016 11:15:00 AM 36507.801 1.018	256500.000 40013.309	121.966 25.825	20.413 27.209	274.741 27.391
3/18/2016 11:30:00 AM 36518.527	257400.000 40027.191	121.936 25.835	20.411 27.218	274.674 27.383

1.018				
3/18/2016 11:45:00 AM	258300.000	121.912	20.412	274.620
36498.969	40004.801	25.819	27.203	27.398
1.018				
3/18/2016 12:00:00 PM	259200.000	121.896	20.416	274.582
36512.082	40016.020	25.827	27.211	27.388
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3/18/2016 12:15:00 PM	260100.000	121.874	20.414	274.533
36518.652	40024.836	25.834	27.217	27.383
1.018				
3/18/2016 12:30:00 PM	261000.000	121.854	20.412	274.487
36501.137	40006.730	25.821	27.205	27.396
1.018				
3/18/2016 12:45:00 PM	261900.000	121.824	20.413	274.421
36471.230	39973.516	25.797	27.182	27.419
1.018				
3/18/2016 1:00:00 PM	262800.000	121.797	20.413	274.359
36504.469	40009.656	25.823	27.207	27.394
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3/18/2016 1:15:00 PM	263700.000	121.774	20.412	274.308
36507.992	40014.613	25.826	27.210	27.391
1.018				
3/18/2016 1:30:00 PM	264600.000	121.745	20.411	274.243
36484.113	39988.891	25.808	27.192	27.409
1.018				
3/18/2016 1:45:00 PM	265500.000	121.728	20.412	274.204
36493.082	39998.496	25.815	27.199	27.402
1.018				
3/18/2016 2:00:00 PM	266400.000	121.672	20.410	274.078
36487.879	39993.891	25.811	27.196	27.406
1.018				
3/18/2016 2:15:00 PM	267300.000	121.675	20.415	274.085
36486.945	39988.984	25.808	27.193	27.407
1.018				
3/18/2016 2:30:00 PM	268200.000	121.642	20.414	274.011
36484.648	39986.977	25.807	27.191	27.409
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3/18/2016 2:45:00 PM	269100.000	121.663	20.413	274.057
36480.754	39983.879	25.804	27.189	27.412
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3/18/2016 3:00:00 PM	270000.000	121.637	20.416	273.998
36495.258	39997.359	25.814	27.198	27.401
1.018				
3/18/2016 3:15:00 PM	270900.000	121.636	20.409	273.997
36501.125	40009.797	25.823	27.207	27.396
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3/18/2016 3:30:00 PM	271800.000	121.618	20.410	273.956
36513.797	40022.445	25.832	27.215	27.387
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3/18/2016 3:45:00 PM	272700.000	121.609	20.411	273.937
36482.418	39987.313	25.807	27.191	27.410
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3/18/2016 4:00:00 PM	273600.000	121.622	20.408	273.966
36478.156	39984.766	25.805	27.190	27.414
1.018				
3/18/2016 4:15:00 PM	274500.000	121.614	20.409	273.947

36499.281	40007.773	25.821	27.205	27.398
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3/18/2016 4:30:00 PM	275400.000	121.609	20.407	273.937
36482.727	39991.027	25.809	27.194	27.410
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3/18/2016 4:45:00 PM	276300.000	121.609	20.411	273.937
36493.180	39999.406	25.815	27.200	27.402
1.018				
3/18/2016 5:00:00 PM	277200.000	121.612	20.407	273.942
36495.512	40005.254	25.820	27.204	27.401
1.018				
3/18/2016 5:15:00 PM	278100.000	121.629	20.410	273.982
36489.234	39995.523	25.813	27.197	27.405
1.018				
3/18/2016 5:30:00 PM	279000.000	121.638	20.406	274.002
36502.008	40013.188	25.825	27.209	27.396
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36487.609	39996.750	25.813	27.198	27.407
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3/18/2016 6:00:00 PM	280800.000	121.665	20.406	274.062
36533.320	40047.656	25.850	27.232	27.372
1.018				
3/18/2016 6:15:00 PM	281700.000	121.688	20.406	274.114
36532.629	40046.828	25.849	27.232	27.373
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3/18/2016 6:30:00 PM	282600.000	121.712	20.406	274.169
36518.242	40030.398	25.837	27.221	27.384
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3/18/2016 6:45:00 PM	283500.000	121.725	20.404	274.197
36549.207	40066.105	25.863	27.245	27.360
1.018				
3/18/2016 7:00:00 PM	284400.000	121.742	20.406	274.235
36516.797	40029.547	25.837	27.220	27.385
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3/18/2016 7:15:00 PM	285300.000	121.765	20.405	274.287
36542.383	40058.102	25.857	27.240	27.365
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3/18/2016 7:30:00 PM	286200.000	121.774	20.409	274.308
36546.113	40058.820	25.858	27.240	27.363
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3/18/2016 7:45:00 PM	287100.000	121.786	20.410	274.334
36531.359	40042.059	25.846	27.229	27.374
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3/18/2016 8:00:00 PM	288000.000	121.808	20.409	274.385
36553.805	40067.098	25.864	27.246	27.357
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3/18/2016 8:15:00 PM	288900.000	121.824	20.410	274.421
36572.492	40086.930	25.878	27.259	27.343
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3/18/2016 8:30:00 PM	289800.000	121.851	20.411	274.482
36573.551	40087.352	25.878	27.259	27.342
1.018				
3/18/2016 8:45:00 PM	290700.000	121.846	20.411	274.470
36583.449	40097.984	25.886	27.267	27.335
1.018				



3/18/2016 9:00:00 PM 36587.953 1.018	291600.000 40102.254	121.866 25.889	20.412 27.270	274.516 27.331
3/18/2016 9:15:00 PM 36589.926 1.018	292500.000 40105.379	121.878 25.891	20.411 27.272	274.542 27.330
3/18/2016 9:30:00 PM 36595.633 1.018	293400.000 40109.059	121.898 25.894	20.414 27.274	274.588 27.326
3/18/2016 9:45:00 PM 36600.898 1.018	294300.000 40115.277	121.909 25.898	20.413 27.278	274.612 27.322
3/18/2016 10:00:00 PM 36595.848 1.018	295200.000 40109.441	121.905 25.894	20.414 27.274	274.602 27.326
3/18/2016 10:15:00 PM 36616.688 1.018	296100.000 40131.691	121.917 25.910	20.414 27.290	274.630 27.310
3/18/2016 10:30:00 PM 36615.191 1.018	297000.000 40129.980	121.917 25.909	20.414 27.288	274.630 27.311
3/18/2016 10:45:00 PM 36644.902 1.018	297900.000 40162.313	121.903 25.932	20.415 27.310	274.598 27.289
3/18/2016 11:00:00 PM 36634.469 1.018	298800.000 40151.328	121.907 25.924	20.414 27.303	274.608 27.297
3/18/2016 11:15:00 PM 36619.402 1.018	299700.000 40135.328	121.915 25.913	20.414 27.292	274.625 27.308
3/18/2016 11:30:00 PM 36611.953 1.018	300600.000 40125.547	121.907 25.906	20.415 27.285	274.607 27.313
3/18/2016 11:45:00 PM 36627.398 1.018	301500.000 40143.430	121.889 25.919	20.414 27.298	274.567 27.302
3/19/2016 12:00:00 AM 36623.383 1.018	302400.000 40139.988	121.880 25.916	20.413 27.295	274.546 27.305
3/19/2016 12:15:00 AM 36626.879 1.018	303300.000 40141.246	121.870 25.917	20.416 27.296	274.525 27.302
3/19/2016 12:30:00 AM 36615.973 1.018	304200.000 40131.348	121.858 25.910	20.414 27.289	274.496 27.310
3/19/2016 12:45:00 AM 36623.895 1.018	305100.000 40139.219	121.844 25.916	20.415 27.295	274.465 27.305
3/19/2016 1:00:00 AM 36631.496 1.018	306000.000 40148.660	121.825 25.922	20.413 27.301	274.423 27.299
3/19/2016 1:15:00 AM 36620.258 1.018	306900.000 40135.672	121.789 25.913	20.414 27.292	274.343 27.307
3/19/2016 1:30:00 AM 36634.027	307800.000 40151.656	121.798 25.925	20.413 27.303	274.362 27.297

1.018				
3/19/2016 1:45:00 AM	308700.000	121.782	20.412	274.326
36624.461	40142.059	25.918	27.297	27.304
1.018				
3/19/2016 2:00:00 AM	309600.000	121.774	20.411	274.307
36644.359	40164.809	25.934	27.312	27.289
1.018				
3/19/2016 2:15:00 AM	310500.000	121.762	20.413	274.280
36620.281	40136.957	25.914	27.293	27.307
1.018				
3/19/2016 2:30:00 AM	311400.000	121.748	20.410	274.249
36630.211	40150.488	25.924	27.302	27.300
1.018				
3/19/2016 2:45:00 AM	312300.000	121.739	20.409	274.228
36631.043	40151.828	25.924	27.303	27.299
1.018				
3/19/2016 3:00:00 AM	313200.000	121.720	20.410	274.186
36632.969	40153.434	25.926	27.304	27.298
1.018				
3/19/2016 3:15:00 AM	314100.000	121.720	20.411	274.186
36650.629	40171.617	25.939	27.317	27.285
1.018				
3/19/2016 3:30:00 AM	315000.000	121.712	20.411	274.169
36625.191	40144.172	25.919	27.298	27.304
1.018				
3/19/2016 3:45:00 AM	315900.000	121.715	20.413	274.175
36627.766	40145.160	25.920	27.299	27.302
1.018				
3/19/2016 4:00:00 AM	316800.000	121.725	20.406	274.197
36658.961	40184.871	25.948	27.326	27.278
1.018				
3/19/2016 4:15:00 AM	317700.000	121.718	20.410	274.182
36642.359	40163.215	25.933	27.311	27.291
1.018				
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36640.512	40160.676	25.931	27.309	27.292
1.018				
3/19/2016 4:45:00 AM	319500.000	121.728	20.409	274.204
36657.813	40181.172	25.946	27.323	27.279
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3/19/2016 5:00:00 AM	320400.000	121.731	20.407	274.210
36647.316	40171.074	25.938	27.316	27.287
1.018				
3/19/2016 5:15:00 AM	321300.000	121.736	20.409	274.222
36642.109	40163.680	25.933	27.311	27.291
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3/19/2016 5:30:00 AM	322200.000	121.751	20.411	274.255
36661.148	40183.000	25.947	27.324	27.277
1.018				
3/19/2016 5:45:00 AM	323100.000	121.768	20.408	274.294
36662.762	40187.707	25.950	27.328	27.276
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3/19/2016 6:00:00 AM	324000.000	121.782	20.410	274.326
36677.555	40202.156	25.961	27.337	27.265
1.018				
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36667.199	40189.484	25.952	27.329	27.272
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36681.488	40207.566	25.964	27.341	27.262
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36656.727	40177.633	25.943	27.321	27.280
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3/19/2016 7:00:00 AM	327600.000	121.840	20.409	274.456
36679.301	40204.586	25.962	27.339	27.263
1.018				
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36693.133	40219.234	25.973	27.349	27.253
1.018				
3/19/2016 7:30:00 AM	329400.000	121.875	20.409	274.536
36704.207	40232.180	25.982	27.358	27.245
1.018				
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36703.516	40230.395	25.981	27.357	27.245
1.018				
3/19/2016 8:00:00 AM	331200.000	121.909	20.413	274.612
36706.695	40231.816	25.982	27.358	27.243
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3/19/2016 8:15:00 AM	332100.000	121.916	20.412	274.628
36723.980	40251.500	25.996	27.371	27.230
1.018				
3/19/2016 8:30:00 AM	333000.000	121.927	20.410	274.652
36714.688	40242.641	25.990	27.365	27.237
1.018				
3/19/2016 8:45:00 AM	333900.000	121.938	20.412	274.677
36725.313	40252.887	25.997	27.372	27.229
1.018				
3/19/2016 9:00:00 AM	334800.000	121.954	20.412	274.713
36752.145	40281.844	26.018	27.392	27.209
1.018				
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36729.184	40255.578	25.999	27.374	27.226
1.018				
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36748.059	40275.742	26.013	27.388	27.212
1.018				
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36731.551	40258.914	26.001	27.376	27.225
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3/19/2016 10:00:00 AM	338400.000	121.947	20.411	274.698
36759.578	40290.664	26.024	27.398	27.204
1.018				
3/19/2016 10:15:00 AM	339300.000	121.942	20.411	274.687
36734.238	40262.891	26.004	27.379	27.223
1.018				
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36762.398	40294.785	26.027	27.400	27.202
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3/19/2016 10:45:00 AM	341100.000	121.900	20.411	274.592
36733.941	40262.855	26.004	27.379	27.223
1.018				

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3/19/2016 11:15:00 AM 36741.234 1.018	342900.000 40270.633	121.907 26.010	20.411 27.384	274.608 27.217
3/19/2016 11:30:00 AM 36742.375 1.018	343800.000 40271.367	121.880 26.010	20.412 27.385	274.546 27.217
3/19/2016 11:45:00 AM 36748.375 1.018	344700.000 40276.762	121.876 26.014	20.413 27.388	274.537 27.212
3/19/2016 12:00:00 PM 36750.766 1.018	345600.000 40279.816	121.856 26.016	20.413 27.390	274.493 27.210
3/19/2016 12:15:00 PM 36750.918 1.018	346500.000 40279.984	121.839 26.016	20.413 27.390	274.454 27.210
3/19/2016 12:30:00 PM 36730.766 1.018	347400.000 40258.863	121.812 26.001	20.412 27.376	274.393 27.225
3/19/2016 12:45:00 PM 36749.973 1.018	348300.000 40282.789	121.786 26.018	20.408 27.392	274.334 27.211
3/19/2016 1:00:00 PM 36732.938 1.018	349200.000 40264.336	121.758 26.005	20.408 27.380	274.271 27.224
3/19/2016 1:15:00 PM 36750.082 1.018	350100.000 40279.512	121.729 26.016	20.412 27.390	274.206 27.211
3/19/2016 1:30:00 PM 36737.578 1.018	351000.000 40268.172	121.718 26.008	20.410 27.382	274.182 27.220
3/19/2016 1:45:00 PM 36720.516 1.018	351900.000 40251.168	121.676 25.996	20.408 27.371	274.087 27.233
3/19/2016 2:00:00 PM 36746.258 1.018	352800.000 40278.938	121.647 26.015	20.408 27.390	274.022 27.214
3/19/2016 2:15:00 PM 36711.809 1.018	353700.000 40239.781	121.634 25.987	20.410 27.363	273.993 27.239
3/19/2016 2:30:00 PM 36728.895 1.018	354600.000 40260.051	121.605 26.002	20.408 27.377	273.927 27.227
3/19/2016 2:45:00 PM 36730.059 1.018	355500.000 40259.707	121.577 26.002	20.410 27.377	273.865 27.226
3/19/2016 3:00:00 PM 36690.457 1.018	356400.000 40217.039	121.541 25.971	20.409 27.348	273.782 27.255
3/19/2016 3:15:00 PM 36716.746 1.018	357300.000 40247.180	121.548 25.993	20.407 27.368	273.798 27.236
3/19/2016 3:30:00 PM 36763.180	358200.000 40297.711	121.528 26.029	20.408 27.402	273.754 27.201

1.018				
3/19/2016 3:45:00 PM	359100.000	121.494	20.408	273.676
36719.277	40249.813	25.995	27.370	27.234
1.018				
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36704.055	40233.270	25.983	27.359	27.245
1.018				
3/19/2016 4:15:00 PM	360900.000	121.501	20.408	273.693
36708.469	40237.297	25.986	27.361	27.242
1.018				
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36723.977	40253.852	25.998	27.373	27.230
1.018				
3/19/2016 4:45:00 PM	362700.000	121.485	20.407	273.657
36711.297	40241.719	25.989	27.364	27.240
1.018				
3/19/2016 5:00:00 PM	363600.000	121.484	20.406	273.654
36721.313	40253.664	25.997	27.372	27.232
1.018				
3/19/2016 5:15:00 PM	364500.000	121.486	20.405	273.659
36734.203	40268.309	26.008	27.382	27.223
1.018				
3/19/2016 5:30:00 PM	365400.000	121.484	20.406	273.654
36695.371	40224.637	25.977	27.353	27.251
1.018				
3/19/2016 5:45:00 PM	366300.000	121.476	20.405	273.636
36710.172	40242.195	25.989	27.365	27.240
1.018				
3/19/2016 6:00:00 PM	367200.000	121.507	20.405	273.707
36712.914	40244.750	25.991	27.366	27.238
1.018				
3/19/2016 6:15:00 PM	368100.000	121.505	20.409	273.702
36744.965	40277.074	26.014	27.388	27.215
1.018				
3/19/2016 6:30:00 PM	369000.000	121.521	20.406	273.737
36712.207	40243.605	25.990	27.366	27.239
1.018				
3/19/2016 6:45:00 PM	369900.000	121.534	20.403	273.767
36717.477	40251.297	25.996	27.371	27.235
1.018				
3/19/2016 7:00:00 PM	370800.000	121.562	20.405	273.830
36728.801	40262.758	26.004	27.379	27.227
1.018				
3/19/2016 7:15:00 PM	371700.000	121.577	20.402	273.865
36752.238	40290.512	26.024	27.398	27.209
1.018				
3/19/2016 7:30:00 PM	372600.000	121.581	20.405	273.873
36749.016	40284.695	26.019	27.394	27.212
1.018				
3/19/2016 7:45:00 PM	373500.000	121.614	20.403	273.947
36737.887	40274.117	26.012	27.386	27.220
1.018				
3/19/2016 8:00:00 PM	374400.000	121.632	20.406	273.988
36778.852	40316.660	26.042	27.415	27.190
1.018				
3/19/2016 8:15:00 PM	375300.000	121.652	20.404	274.033

36762.926	40300.973	26.031	27.405	27.201
1.018				
3/19/2016 8:30:00 PM	376200.000	121.684	20.405	274.105
36768.367	40306.063	26.035	27.408	27.197
1.018				
3/19/2016 8:45:00 PM	377100.000	121.699	20.407	274.138
36770.848	40307.230	26.036	27.409	27.195
1.018				
3/19/2016 9:00:00 PM	378000.000	121.702	20.406	274.147
36770.410	40307.188	26.036	27.409	27.196
1.018				
3/19/2016 9:15:00 PM	378900.000	121.731	20.408	274.212
36807.621	40346.129	26.064	27.435	27.168
1.018				
3/19/2016 9:30:00 PM	379800.000	121.736	20.409	274.222
36748.367	40280.148	26.016	27.391	27.212
1.018				
3/19/2016 9:45:00 PM	380700.000	121.751	20.411	274.255
36786.465	40320.285	26.045	27.418	27.184
1.018				
3/19/2016 10:00:00 PM	381600.000	121.761	20.410	274.277
36800.844	40337.148	26.057	27.429	27.173
1.018				
3/19/2016 10:15:00 PM	382500.000	121.768	20.412	274.295
36787.785	40321.434	26.046	27.419	27.183
1.018				
3/19/2016 10:30:00 PM	383400.000	121.777	20.410	274.314
36769.367	40302.348	26.032	27.406	27.197
1.018				
3/19/2016 10:45:00 PM	384300.000	121.770	20.410	274.298
36797.328	40333.590	26.055	27.427	27.176
1.018				
3/19/2016 11:00:00 PM	385200.000	121.754	20.410	274.262
36791.160	40326.531	26.050	27.422	27.180
1.018				
3/19/2016 11:15:00 PM	386100.000	121.754	20.411	274.262
36812.773	40349.402	26.066	27.438	27.164
1.018				
3/19/2016 11:30:00 PM	387000.000	121.768	20.411	274.294
36805.035	40341.152	26.060	27.432	27.170
1.018				
3/19/2016 11:45:00 PM	387900.000	121.770	20.411	274.298
36816.512	40353.656	26.069	27.440	27.162
1.018				
3/20/2016 12:00:00 AM	388800.000	121.748	20.410	274.250
36798.891	40334.633	26.055	27.428	27.175
1.018				
3/20/2016 12:15:00 AM	389700.000	121.750	20.415	274.253
36801.340	40333.766	26.055	27.427	27.173
1.018				
3/20/2016 12:30:00 AM	390600.000	121.750	20.410	274.253
36817.961	40355.910	26.071	27.442	27.161
1.018				
3/20/2016 12:45:00 AM	391500.000	121.733	20.411	274.216
36829.715	40368.348	26.080	27.450	27.152
1.018				

3/20/2016 1:00:00 AM 36811.223 1.018	392400.000 40347.488	121.719 26.065	20.411 27.436	274.184 27.166
3/20/2016 1:15:00 AM 36799.652 1.018	393300.000 40333.844	121.699 26.055	20.412 27.427	274.138 27.174
3/20/2016 1:30:00 AM 36820.789 1.018	394200.000 40360.117	121.661 26.074	20.409 27.445	274.053 27.159
3/20/2016 1:45:00 AM 36787.445 1.018	395100.000 40322.320	121.685 26.047	20.410 27.419	274.108 27.183
3/20/2016 2:00:00 AM 36819.152 1.018	396000.000 40356.770	121.663 26.071	20.411 27.443	274.057 27.160
3/20/2016 2:15:00 AM 36787.230 1.018	396900.000 40324.301	121.644 26.048	20.408 27.421	274.014 27.183
3/20/2016 2:30:00 AM 36838.586 1.018	397800.000 40380.141	121.624 26.088	20.408 27.458	273.970 27.145
3/20/2016 2:45:00 AM 36806.199 1.018	398700.000 40343.680	121.609 26.062	20.409 27.434	273.937 27.169
3/20/2016 3:00:00 AM 36785.543 1.018	399600.000 40322.148	121.612 26.046	20.408 27.419	273.942 27.185
3/20/2016 3:15:00 AM 36792.355 1.018	400500.000 40329.988	121.578 26.052	20.407 27.424	273.865 27.180
3/20/2016 3:30:00 AM 36822.730 1.018	401400.000 40363.137	121.573 26.076	20.408 27.447	273.854 27.157
3/20/2016 3:45:00 AM 36808.527 1.018	402300.000 40348.156	121.573 26.065	20.407 27.437	273.854 27.168
3/20/2016 4:00:00 AM 36807.832 1.018	403200.000 40346.578	121.564 26.064	20.408 27.436	273.836 27.168
3/20/2016 4:15:00 AM 36812.242 1.018	404100.000 40353.715	121.530 26.069	20.405 27.441	273.758 27.165
3/20/2016 4:30:00 AM 36775.359 1.018	405000.000 40312.387	121.546 26.039	20.406 27.412	273.794 27.192
3/20/2016 4:45:00 AM 36832.727 1.018	405900.000 40375.273	121.542 26.084	20.406 27.455	273.785 27.150
3/20/2016 5:00:00 AM 36816.531 1.018	406800.000 40355.746	121.546 26.071	20.408 27.442	273.793 27.162
3/20/2016 5:15:00 AM 36807.832 1.018	407700.000 40348.504	121.561 26.065	20.406 27.437	273.828 27.168
3/20/2016 5:30:00 AM 36807.977	408600.000 40349.625	121.567 26.066	20.405 27.438	273.841 27.168

1.018				
3/20/2016 5:45:00 AM	409500.000	121.569	20.406	273.846
36841.215	40385.023	26.091	27.462	27.144
1.018				
3/20/2016 6:00:00 AM	410400.000	121.585	20.406	273.882
36809.047	40349.391	26.066	27.438	27.167
1.018				
3/20/2016 6:15:00 AM	411300.000	121.594	20.405	273.903
36797.629	40337.469	26.057	27.429	27.176
1.018				
3/20/2016 6:30:00 AM	412200.000	121.613	20.407	273.945
36832.152	40373.984	26.084	27.454	27.150
1.018				
3/20/2016 6:45:00 AM	413100.000	121.616	20.408	273.953
36835.172	40376.180	26.085	27.456	27.148
1.018				
3/20/2016 7:00:00 AM	414000.000	121.629	20.407	273.982
36816.270	40356.273	26.071	27.442	27.162
1.018				
3/20/2016 7:15:00 AM	414900.000	121.645	20.405	274.018
36837.340	40381.227	26.089	27.459	27.146
1.018				
3/20/2016 7:30:00 AM	415800.000	121.676	20.405	274.087
36835.977	40380.176	26.088	27.459	27.147
1.018				
3/20/2016 7:45:00 AM	416700.000	121.697	20.407	274.135
36859.434	40404.102	26.105	27.475	27.130
1.018				
3/20/2016 8:00:00 AM	417600.000	121.711	20.407	274.166
36886.379	40433.344	26.126	27.495	27.110
1.018				
3/20/2016 8:15:00 AM	418500.000	121.731	20.407	274.210
36838.238	40381.102	26.089	27.459	27.146
1.018				
3/20/2016 8:30:00 AM	419400.000	121.742	20.410	274.235
36860.313	40402.109	26.104	27.473	27.129
1.018				
3/20/2016 8:45:00 AM	420300.000	121.731	20.408	274.211
36885.191	40431.375	26.125	27.493	27.111
1.018				
3/20/2016 9:00:00 AM	421200.000	121.774	20.406	274.307
36832.387	40375.055	26.084	27.455	27.150
1.018				
3/20/2016 9:15:00 AM	422100.000	121.790	20.411	274.344
36864.660	40406.273	26.107	27.476	27.126
1.018				
3/20/2016 9:30:00 AM	423000.000	121.794	20.410	274.354
36871.445	40414.461	26.113	27.482	27.121
1.018				
3/20/2016 9:45:00 AM	423900.000	121.803	20.411	274.373
36870.473	40412.730	26.111	27.481	27.122
1.018				
3/20/2016 10:00:00 AM	424800.000	121.810	20.411	274.389
36883.016	40426.551	26.121	27.490	27.113
1.018				
3/20/2016 10:15:00 AM	425700.000	121.821	20.410	274.413



36881.375 1.018	40425.418	26.120	27.489	27.114
3/20/2016 10:30:00 AM 36904.113 1.018	426600.000 40449.008	121.810 26.137	20.412 27.505	274.389 27.097
3/20/2016 10:45:00 AM 36896.516 1.018	427500.000 40441.348	121.814 26.132	20.411 27.500	274.398 27.103
3/20/2016 11:00:00 AM 36881.117 1.018	428400.000 40424.172	121.812 26.120	20.411 27.488	274.393 27.114
3/20/2016 11:15:00 AM 36895.711 1.018	429300.000 40441.426	121.803 26.132	20.410 27.500	274.374 27.103
3/20/2016 11:30:00 AM 36893.379 1.018	430200.000 40438.801	121.798 26.130	20.410 27.498	274.362 27.105
3/20/2016 11:45:00 AM 36888.309 1.018	431100.000 40432.500	121.788 26.126	20.411 27.494	274.340 27.109
3/20/2016 12:00:00 PM 36879.508 1.018	432000.000 40422.336	121.772 26.118	20.411 27.487	274.302 27.115
3/20/2016 12:15:00 PM 36891.402 1.018	432900.000 40436.406	121.743 26.128	20.410 27.497	274.238 27.107
3/20/2016 12:30:00 PM 36906.527 1.018	433800.000 40453.508	121.729 26.141	20.409 27.508	274.206 27.095
3/20/2016 12:45:00 PM 36906.441 1.018	434700.000 40453.414	121.707 26.141	20.409 27.508	274.156 27.096
3/20/2016 1:00:00 PM 36889.855 1.018	435600.000 40435.164	121.693 26.127	20.409 27.496	274.126 27.108
3/20/2016 1:15:00 PM 36890.871 1.018	436500.000 40437.309	121.671 26.129	20.408 27.497	274.075 27.107
3/20/2016 1:30:00 PM 36867.355 1.018	437400.000 40412.129	121.645 26.111	20.408 27.480	274.018 27.124
3/20/2016 1:45:00 PM 36892.922 1.018	438300.000 40438.809	121.616 26.130	20.409 27.498	273.953 27.105
3/20/2016 2:00:00 PM 36887.488 1.018	439200.000 40435.160	121.599 26.127	20.406 27.496	273.913 27.109
3/20/2016 2:15:00 PM 36881.711 1.018	440100.000 40427.707	121.571 26.122	20.408 27.491	273.850 27.114
3/20/2016 2:30:00 PM 36878.508 1.018	441000.000 40425.980	121.553 26.121	20.406 27.490	273.810 27.116
3/20/2016 2:45:00 PM 36879.672 1.018	441900.000 40426.809	121.525 26.121	20.406 27.490	273.747 27.115

3/20/2016 3:00:00 PM 36878.383 1.018	442800.000 40425.543	121.498 26.120	20.406 27.489	273.686 27.116
3/20/2016 3:15:00 PM 36895.969 1.018	443700.000 40444.973	121.478 26.134	20.406 27.503	273.640 27.103
3/20/2016 3:30:00 PM 36868.984 1.018	444600.000 40415.688	121.464 26.113	20.405 27.483	273.609 27.123
3/20/2016 3:45:00 PM 36871.074 1.018	445500.000 40416.418	121.436 26.114	20.407 27.483	273.545 27.122
3/20/2016 4:00:00 PM 36873.195 1.018	446400.000 40421.488	121.436 26.117	20.404 27.487	273.545 27.120
3/20/2016 4:15:00 PM 36860.965 1.018	447300.000 40406.305	121.414 26.107	20.406 27.476	273.498 27.129
3/20/2016 4:30:00 PM 36857.516 1.018	448200.000 40404.742	121.404 26.105	20.404 27.475	273.474 27.132
3/20/2016 4:45:00 PM 36880.141 1.018	449100.000 40427.691	121.387 26.122	20.406 27.491	273.437 27.115
3/20/2016 5:00:00 PM 36874.176 1.018	450000.000 40420.121	121.383 26.117	20.407 27.486	273.427 27.119
3/20/2016 5:15:00 PM 36855.043 1.018	450900.000 40399.734	121.382 26.102	20.406 27.472	273.424 27.133
3/20/2016 5:30:00 PM 36849.375 1.018	451800.000 40394.863	121.374 26.098	20.405 27.469	273.407 27.138
3/20/2016 5:45:00 PM 36873.762 1.018	452700.000 40422.043	121.390 26.118	20.404 27.487	273.443 27.120
3/20/2016 6:00:00 PM 36875.746 1.018	453600.000 40424.285	121.396 26.119	20.404 27.489	273.455 27.118
3/20/2016 6:15:00 PM 36853.660 1.018	454500.000 40400.297	121.386 26.102	20.404 27.472	273.435 27.134
3/20/2016 6:30:00 PM 36859.586 1.018	455400.000 40406.504	121.401 26.107	20.404 27.476	273.467 27.130
3/20/2016 6:45:00 PM 36901.719 1.018	456300.000 40453.199	121.411 26.140	20.404 27.508	273.490 27.099
3/20/2016 7:00:00 PM 36847.445 1.018	457200.000 40392.594	121.431 26.097	20.405 27.467	273.535 27.139
3/20/2016 7:15:00 PM 36895.777 1.018	458100.000 40448.762	121.440 26.137	20.401 27.505	273.556 27.103
3/20/2016 7:30:00 PM 36872.672	459000.000 40421.875	121.462 26.118	20.403 27.487	273.604 27.120

1.018				
3/20/2016 7:45:00 PM	459900.000	121.475	20.402	273.635
36891.652	40443.574	26.133	27.502	27.106
1.018				
3/20/2016 8:00:00 PM	460800.000	121.498	20.404	273.686
36894.496	40445.063	26.134	27.503	27.104
1.018				
3/20/2016 8:15:00 PM	461700.000	121.495	20.406	273.680
36860.156	40405.418	26.106	27.476	27.130
1.018				
3/20/2016 8:30:00 PM	462600.000	121.540	20.404	273.780
36884.215	40433.934	26.126	27.495	27.112
1.018				
3/20/2016 8:45:00 PM	463500.000	121.563	20.400	273.834
36876.063	40427.961	26.122	27.491	27.118
1.018				
3/20/2016 9:00:00 PM	464400.000	121.584	20.404	273.880
36897.613	40447.957	26.136	27.505	27.102
1.018				
3/20/2016 9:15:00 PM	465300.000	121.605	20.403	273.927
36901.270	40453.148	26.140	27.508	27.099
1.018				
3/20/2016 9:30:00 PM	466200.000	121.634	20.406	273.993
36871.637	40418.520	26.115	27.485	27.121
1.018				
3/20/2016 9:45:00 PM	467100.000	121.657	20.406	274.044
36890.828	40439.410	26.130	27.499	27.107
1.018				
3/20/2016 10:00:00 PM	468000.000	121.663	20.405	274.057
36905.848	40456.168	26.142	27.510	27.096
1.018				
3/20/2016 10:15:00 PM	468900.000	121.688	20.409	274.115
36894.047	40440.418	26.131	27.499	27.105
1.018				
3/20/2016 10:30:00 PM	469800.000	121.691	20.406	274.120
36927.391	40479.195	26.159	27.526	27.080
1.018				
3/20/2016 10:45:00 PM	470700.000	121.706	20.408	274.154
36954.203	40506.875	26.179	27.545	27.061
1.018				
3/20/2016 11:00:00 PM	471600.000	121.711	20.409	274.166
36956.422	40508.715	26.180	27.546	27.059
1.018				
3/20/2016 11:15:00 PM	472500.000	121.700	20.408	274.141
36929.852	40480.180	26.160	27.527	27.078
1.018				
3/20/2016 11:30:00 PM	473400.000	121.720	20.410	274.186
36939.656	40489.523	26.166	27.533	27.071
1.018				
3/20/2016 11:45:00 PM	474300.000	121.710	20.408	274.164
36958.375	40511.742	26.182	27.548	27.057
1.018				
3/21/2016 12:00:00 AM	475200.000	121.712	20.408	274.169
36936.559	40487.461	26.165	27.531	27.073
1.018				
3/21/2016 12:15:00 AM	476100.000	121.707	20.409	274.156

36914.129	40461.984	26.147	27.514	27.090
1.018				
3/21/2016 12:30:00 AM	477000.000	121.702	20.410	274.147
36980.594	40534.246	26.198	27.563	27.041
1.018				
3/21/2016 12:45:00 AM	477900.000	121.701	20.408	274.144
36953.121	40506.141	26.178	27.544	27.061
1.018				
3/21/2016 1:00:00 AM	478800.000	121.677	20.410	274.089
36972.301	40525.375	26.192	27.557	27.047
1.018				
3/21/2016 1:15:00 AM	479700.000	121.679	20.406	274.095
36964.266	40519.391	26.188	27.553	27.053
1.018				
3/21/2016 1:30:00 AM	480600.000	121.664	20.410	274.060
36943.313	40493.305	26.169	27.535	27.068
1.018				
3/21/2016 1:45:00 AM	481500.000	121.650	20.406	274.028
36949.234	40503.434	26.176	27.542	27.064
1.018				
3/21/2016 2:00:00 AM	482400.000	121.634	20.408	273.993
36935.918	40486.832	26.164	27.531	27.074
1.018				
3/21/2016 2:15:00 AM	483300.000	121.619	20.406	273.958
36943.000	40496.008	26.171	27.537	27.069
1.018				
3/21/2016 2:30:00 AM	484200.000	121.609	20.410	273.937
36945.242	40495.570	26.171	27.537	27.067
1.018				
3/21/2016 2:45:00 AM	485100.000	121.568	20.408	273.844
36959.570	40512.906	26.183	27.549	27.057
1.018				
3/21/2016 3:00:00 AM	486000.000	121.579	20.408	273.869
36974.730	40529.750	26.195	27.560	27.045
1.018				
3/21/2016 3:15:00 AM	486900.000	121.542	20.406	273.784
36940.980	40494.016	26.170	27.536	27.070
1.018				
3/21/2016 3:30:00 AM	487800.000	121.538	20.407	273.775
36939.340	40491.176	26.168	27.534	27.071
1.018				
3/21/2016 3:45:00 AM	488700.000	121.534	20.406	273.767
36924.082	40475.641	26.156	27.523	27.083
1.018				
3/21/2016 4:00:00 AM	489600.000	121.522	20.405	273.740
36940.703	40494.906	26.170	27.537	27.070
1.018				
3/21/2016 4:15:00 AM	490500.000	121.507	20.405	273.707
36951.797	40506.469	26.178	27.544	27.062
1.018				
3/21/2016 4:30:00 AM	491400.000	121.503	20.406	273.697
36943.613	40496.754	26.171	27.538	27.068
1.018				
3/21/2016 4:45:00 AM	492300.000	121.496	20.406	273.681
36944.680	40498.070	26.172	27.539	27.067
1.018				

3/21/2016 5:00:00 AM 36956.297 1.018	493200.000 40509.984	121.494 26.181	20.407 27.547	273.678 27.059
3/21/2016 5:15:00 AM 36947.309 1.018	494100.000 40503.781	121.493 26.176	20.403 27.543	273.676 27.066
3/21/2016 5:30:00 AM 36950.172 1.018	495000.000 40506.473	121.493 26.178	20.403 27.544	273.676 27.063
3/21/2016 5:45:00 AM 36951.117 1.018	495900.000 40506.395	121.503 26.178	20.405 27.544	273.698 27.063
3/21/2016 6:00:00 AM 36943.641 1.018	496800.000 40499.383	121.503 26.173	20.403 27.540	273.698 27.068
3/21/2016 6:15:00 AM 36937.695 1.018	497700.000 40491.008	121.519 26.167	20.405 27.534	273.733 27.073
3/21/2016 6:30:00 AM 36937.227 1.018	498600.000 40492.941	121.526 26.169	20.403 27.535	273.749 27.073
3/21/2016 6:45:00 AM 36974.094 1.018	499500.000 40531.512	121.546 26.196	20.405 27.561	273.793 27.046
3/21/2016 7:00:00 AM 36950.473 1.018	500400.000 40505.758	121.527 26.178	20.405 27.544	273.751 27.063
3/21/2016 7:15:00 AM 36946.719 1.018	501300.000 40502.602	121.542 26.176	20.403 27.542	273.784 27.066
3/21/2016 7:30:00 AM 36971.246 1.018	502200.000 40530.234	121.591 26.195	20.403 27.561	273.895 27.048
3/21/2016 7:45:00 AM 36948.867 1.018	503100.000 40506.219	121.570 26.178	20.402 27.544	273.849 27.064
3/21/2016 8:00:00 AM 36930.324 1.018	504000.000 40483.527	121.621 26.162	20.405 27.529	273.963 27.078
3/21/2016 8:15:00 AM 36962.445 1.018	504900.000 40522.594	121.640 26.190	20.400 27.555	274.007 27.054
3/21/2016 8:30:00 AM 36944.316 1.018	505800.000 40500.500	121.663 26.174	20.403 27.540	274.057 27.068
3/21/2016 8:45:00 AM 36967.602 1.018	506700.000 40527.426	121.675 26.193	20.401 27.559	274.085 27.051
3/21/2016 9:00:00 AM 36974.023 1.018	507600.000 40533.207	121.699 26.198	20.403 27.563	274.138 27.046
3/21/2016 9:15:00 AM 36954.684 1.018	508500.000 40510.305	121.715 26.181	20.405 27.547	274.175 27.060
3/21/2016 9:30:00 AM 36977.715	509400.000 40534.879	121.726 26.199	20.405 27.564	274.200 27.043

1.018				
3/21/2016 9:45:00 AM	510300.000	121.750	20.405	274.253
36977.637	40535.313	26.199	27.564	27.043
1.018				
3/21/2016 10:00:00 AM	511200.000	121.767	20.405	274.291
36958.336	40514.234	26.184	27.550	27.057
1.018				
3/21/2016 10:15:00 AM	512100.000	121.770	20.406	274.298
36992.430	40550.492	26.210	27.574	27.033
1.018				
3/21/2016 10:30:00 AM	513000.000	121.786	20.409	274.334
37006.035	40563.168	26.219	27.583	27.023
1.018				
3/21/2016 10:45:00 AM	513900.000	121.785	20.406	274.332
36987.832	40545.891	26.207	27.571	27.036
1.018				
3/21/2016 11:00:00 AM	514800.000	121.788	20.407	274.340
36998.902	40556.910	26.215	27.579	27.028
1.018				
3/21/2016 11:15:00 AM	515700.000	121.796	20.408	274.357
36981.621	40537.223	26.201	27.565	27.040
1.018				
3/21/2016 11:30:00 AM	516600.000	121.794	20.411	274.352
36981.723	40534.887	26.199	27.564	27.040
1.018				
3/21/2016 11:45:00 AM	517500.000	121.794	20.409	274.352
36997.367	40553.293	26.212	27.576	27.029
1.018				
3/21/2016 12:00:00 PM	518400.000	121.791	20.407	274.347
36986.535	40543.355	26.205	27.569	27.037
1.018				
3/21/2016 12:15:00 PM	519300.000	121.785	20.407	274.332
36999.441	40556.984	26.215	27.579	27.027
1.018				
3/21/2016 12:30:00 PM	520200.000	121.774	20.406	274.308
37010.379	40570.090	26.224	27.588	27.019
1.018				
3/21/2016 12:45:00 PM	521100.000	121.752	20.407	274.258
36961.520	40515.637	26.185	27.551	27.055
1.018				
3/21/2016 1:00:00 PM	522000.000	121.736	20.407	274.222
36979.574	40535.797	26.199	27.564	27.042
1.018				
3/21/2016 1:15:00 PM	522900.000	121.724	20.408	274.195
37015.184	40573.418	26.227	27.590	27.016
1.018				
3/21/2016 1:30:00 PM	523800.000	121.709	20.407	274.161
36992.125	40549.410	26.209	27.574	27.033
1.018				
3/21/2016 1:45:00 PM	524700.000	121.677	20.405	274.089
36999.629	40559.418	26.216	27.580	27.027
1.018				
3/21/2016 2:00:00 PM	525600.000	121.665	20.405	274.062
36988.766	40547.359	26.208	27.572	27.035
1.018				
3/21/2016 2:15:00 PM	526500.000	121.651	20.405	274.030

36988.949	40547.867	26.208	27.573	27.035
1.018				
3/21/2016 2:30:00 PM	527400.000	121.619	20.404	273.958
36990.754	40550.215	26.210	27.574	27.034
1.018				
3/21/2016 2:45:00 PM	528300.000	121.597	20.402	273.910
37003.184	40565.465	26.221	27.585	27.025
1.018				
3/21/2016 3:00:00 PM	529200.000	121.582	20.405	273.876
36984.348	40542.148	26.204	27.569	27.038
1.018				
3/21/2016 3:15:00 PM	530100.000	121.559	20.404	273.823
36990.668	40550.563	26.210	27.574	27.034
1.018				
3/21/2016 3:30:00 PM	531000.000	121.530	20.402	273.758
36966.656	40526.020	26.192	27.558	27.051
1.018				
3/21/2016 3:45:00 PM	531900.000	121.518	20.402	273.731
36960.453	40519.141	26.187	27.553	27.056
1.018				
3/21/2016 4:00:00 PM	532800.000	121.499	20.403	273.688
36994.457	40555.609	26.214	27.578	27.031
1.018				
3/21/2016 4:15:00 PM	533700.000	121.474	20.407	273.632
36956.613	40510.699	26.182	27.547	27.059
1.018				
3/21/2016 4:30:00 PM	534600.000	121.470	20.404	273.623
36953.539	40509.789	26.181	27.547	27.061
1.018				
3/21/2016 4:45:00 PM	535500.000	121.444	20.402	273.564
36959.508	40517.664	26.186	27.552	27.057
1.018				
3/21/2016 5:00:00 PM	536400.000	121.409	20.403	273.487
36972.320	40531.410	26.196	27.561	27.047
1.018				
3/21/2016 5:15:00 PM	537300.000	121.424	20.402	273.519
36997.195	40559.129	26.216	27.580	27.029
1.018				
3/21/2016 5:30:00 PM	538200.000	121.419	20.402	273.508
36963.215	40521.949	26.189	27.555	27.054
1.018				
3/21/2016 5:45:00 PM	539100.000	121.427	20.403	273.526
36974.340	40533.039	26.197	27.562	27.046
1.018				
3/21/2016 6:00:00 PM	540000.000	121.424	20.402	273.519
36982.633	40543.613	26.205	27.570	27.040
1.018				
3/21/2016 6:15:00 PM	540900.000	121.413	20.402	273.495
36984.031	40544.551	26.206	27.570	27.039
1.018				
3/21/2016 6:30:00 PM	541800.000	121.418	20.402	273.506
36975.441	40535.574	26.199	27.564	27.045
1.018				
3/21/2016 6:45:00 PM	542700.000	121.433	20.401	273.540
36970.891	40531.336	26.196	27.561	27.048
1.018				

3/21/2016 7:00:00 PM 36966.617 1.018	543600.000 40528.586	121.413 26.194	20.399 27.559	273.494 27.051
3/21/2016 7:15:00 PM 36987.699 1.018	544500.000 40549.387	121.457 26.209	20.401 27.574	273.595 27.036
3/21/2016 7:30:00 PM 37010.711 1.018	545400.000 40574.918	121.468 26.227	20.401 27.591	273.619 27.019
3/21/2016 7:45:00 PM 36980.363 1.018	546300.000 40542.832	121.456 26.204	20.400 27.569	273.591 27.041
3/21/2016 8:00:00 PM 36993.500 1.018	547200.000 40556.641	121.500 26.214	20.400 27.579	273.691 27.032
3/21/2016 8:15:00 PM 36993.605 1.018	548100.000 40559.574	121.518 26.216	20.397 27.581	273.731 27.032
3/21/2016 8:30:00 PM 36990.270 1.018	549000.000 40554.965	121.507 26.213	20.398 27.577	273.706 27.034
3/21/2016 8:45:00 PM 36987.984 1.018	549900.000 40552.828	121.567 26.211	20.398 27.576	273.841 27.036
3/21/2016 9:00:00 PM 36992.473 1.018	550800.000 40556.258	121.575 26.214	20.399 27.578	273.860 27.033
3/21/2016 9:15:00 PM 36996.684 1.018	551700.000 40560.348	121.601 26.217	20.400 27.581	273.918 27.029
3/21/2016 9:30:00 PM 37014.492 1.018	552600.000 40578.980	121.590 26.230	20.401 27.594	273.894 27.016
3/21/2016 9:45:00 PM 36990.902 1.018	553500.000 40553.273	121.638 26.212	20.401 27.576	274.002 27.034
3/21/2016 10:00:00 PM 37024.906 1.018	554400.000 40588.473	121.654 26.237	20.403 27.600	274.037 27.009
3/21/2016 10:15:00 PM 37022.734 1.018	555300.000 40586.305	121.671 26.236	20.403 27.599	274.075 27.010
3/21/2016 10:30:00 PM 37037.902 1.018	556200.000 40602.563	121.690 26.247	20.403 27.610	274.119 26.999
3/21/2016 10:45:00 PM 37014.602 1.018	557100.000 40577.551	121.705 26.229	20.403 27.593	274.152 27.016
3/21/2016 11:00:00 PM 37021.410 1.018	558000.000 40584.410	121.715 26.234	20.404 27.597	274.175 27.011
3/21/2016 11:15:00 PM 37033.895 1.018	558900.000 40596.832	121.717 26.243	20.405 27.606	274.179 27.002
3/21/2016 11:30:00 PM 37053.348	559800.000 40616.969	121.731 26.258	20.406 27.620	274.210 26.988



1.018				
3/21/2016 11:45:00 PM	560700.000	121.736	20.406	274.222
37045.680	40608.863	26.252	27.614	26.994
1.018				
3/22/2016 12:00:00 AM	561600.000	121.728	20.407	274.204
37083.754	40649.625	26.281	27.642	26.966
1.018				
3/22/2016 12:15:00 AM	562500.000	121.733	20.406	274.216
37063.988	40628.777	26.266	27.628	26.980
1.018				
3/22/2016 12:30:00 AM	563400.000	121.735	20.407	274.220
37057.863	40621.688	26.261	27.623	26.985
1.018				
3/22/2016 12:45:00 AM	564300.000	121.724	20.407	274.195
37034.344	40595.762	26.242	27.605	27.002
1.018				
3/22/2016 1:00:00 AM	565200.000	121.718	20.405	274.182
37038.660	40602.207	26.247	27.610	26.999
1.018				
3/22/2016 1:15:00 AM	566100.000	121.715	20.407	274.175
37042.617	40604.832	26.249	27.611	26.996
1.018				
3/22/2016 1:30:00 AM	567000.000	121.704	20.405	274.149
37014.293	40575.047	26.228	27.591	27.017
1.018				
3/22/2016 1:45:00 AM	567900.000	121.679	20.403	274.095
37039.645	40604.699	26.249	27.611	26.998
1.018				
3/22/2016 2:00:00 AM	568800.000	121.679	20.404	274.093
37065.281	40631.914	26.268	27.630	26.979
1.018				
3/22/2016 2:15:00 AM	569700.000	121.644	20.406	274.014
37036.305	40598.430	26.244	27.607	27.001
1.018				
3/22/2016 2:30:00 AM	570600.000	121.644	20.402	274.016
37049.590	40616.340	26.257	27.619	26.991
1.018				
3/22/2016 2:45:00 AM	571500.000	121.614	20.403	273.947
37049.773	40616.180	26.257	27.619	26.991
1.018				
3/22/2016 3:00:00 AM	572400.000	121.573	20.403	273.856
37064.852	40632.188	26.269	27.630	26.980
1.018				
3/22/2016 3:15:00 AM	573300.000	121.585	20.404	273.882
37040.852	40605.059	26.249	27.611	26.997
1.018				
3/22/2016 3:30:00 AM	574200.000	121.561	20.405	273.828
37028.406	40590.746	26.239	27.602	27.006
1.018				
3/22/2016 3:45:00 AM	575100.000	121.544	20.404	273.790
37067.352	40634.695	26.270	27.632	26.978
1.018				
3/22/2016 4:00:00 AM	576000.000	121.533	20.402	273.765
37041.547	40607.973	26.251	27.613	26.997
1.018				
3/22/2016 4:15:00 AM	576900.000	121.521	20.402	273.737

37055.883	40623.238	26.262	27.624	26.986
1.018				
3/22/2016 4:30:00 AM	577800.000	121.498	20.403	273.686
37034.957	40600.008	26.245	27.608	27.002
1.018				
3/22/2016 4:45:00 AM	578700.000	121.489	20.401	273.666
37032.461	40598.977	26.245	27.607	27.003
1.018				
3/22/2016 5:00:00 AM	579600.000	121.450	20.401	273.579
37034.793	40601.531	26.246	27.609	27.002
1.018				
3/22/2016 5:15:00 AM	580500.000	121.475	20.403	273.635
37022.660	40586.301	26.236	27.599	27.010
1.018				
3/22/2016 5:30:00 AM	581400.000	121.467	20.401	273.616
36999.492	40562.316	26.218	27.582	27.027
1.018				
3/22/2016 5:45:00 AM	582300.000	121.450	20.401	273.579
37040.441	40607.797	26.251	27.613	26.998
1.018				
3/22/2016 6:00:00 AM	583200.000	121.455	20.401	273.589
37023.688	40588.988	26.237	27.601	27.010
1.018				
3/22/2016 6:15:00 AM	584100.000	121.460	20.401	273.601
37012.984	40577.035	26.229	27.592	27.018
1.018				
3/22/2016 6:30:00 AM	585000.000	121.447	20.400	273.571
37016.570	40582.527	26.233	27.596	27.015
1.018				
3/22/2016 6:45:00 AM	585900.000	121.470	20.400	273.623
37012.832	40578.133	26.230	27.593	27.018
1.018				
3/22/2016 7:00:00 AM	586800.000	121.464	20.401	273.609
37036.664	40603.656	26.248	27.610	27.000
1.018				
3/22/2016 7:15:00 AM	587700.000	121.487	20.400	273.662
37009.148	40573.938	26.227	27.590	27.020
1.018				
3/22/2016 7:30:00 AM	588600.000	121.505	20.398	273.702
37044.398	40614.230	26.255	27.618	26.995
1.018				
3/22/2016 7:45:00 AM	589500.000	121.510	20.398	273.714
37042.957	40612.496	26.254	27.616	26.996
1.018				
3/22/2016 8:00:00 AM	590400.000	121.524	20.400	273.745
37046.688	40614.879	26.256	27.618	26.993
1.018				
3/22/2016 8:15:00 AM	591300.000	121.544	20.398	273.790
37046.453	40616.398	26.257	27.619	26.993
1.018				
3/22/2016 8:30:00 AM	592200.000	121.562	20.396	273.830
37024.039	40593.387	26.240	27.604	27.009
1.018				
3/22/2016 8:45:00 AM	593100.000	121.582	20.398	273.876
37031.641	40600.242	26.245	27.608	27.004
1.018				

3/22/2016 9:00:00 AM 37043.816 1.018	594000.000 40613.141	121.599 26.255	20.399 27.617	273.913 26.995
3/22/2016 9:15:00 AM 37045.020 1.018	594900.000 40614.094	121.611 26.255	20.399 27.618	273.940 26.994
3/22/2016 9:30:00 AM 37054.086 1.018	595800.000 40622.988	121.640 26.262	20.400 27.624	274.007 26.988
3/22/2016 9:45:00 AM 37062.566 1.018	596700.000 40633.027	121.643 26.269	20.399 27.630	274.012 26.981
3/22/2016 10:00:00 AM 37041.074 1.018	597600.000 40607.973	121.664 26.251	20.401 27.613	274.060 26.997
3/22/2016 10:15:00 AM 37077.656 1.018	598500.000 40646.512	121.658 26.279	20.403 27.640	274.046 26.970
3/22/2016 10:30:00 AM 37072.945 1.018	599400.000 40641.426	121.704 26.275	20.403 27.636	274.149 26.974
3/22/2016 10:45:00 AM 37090.980 1.018	600300.000 40660.527	121.686 26.289	20.404 27.649	274.109 26.961
3/22/2016 11:00:00 AM 37059.340 1.018	601200.000 40625.621	121.712 26.264	20.404 27.625	274.169 26.984
3/22/2016 11:15:00 AM 37089.848 1.018	602100.000 40659.137	121.724 26.288	20.404 27.648	274.195 26.962
3/22/2016 11:30:00 AM 37065.785 1.018	603000.000 40633.430	121.731 26.269	20.403 27.631	274.210 26.979
3/22/2016 11:45:00 AM 37072.109 1.018	603900.000 40640.145	121.723 26.274	20.403 27.635	274.192 26.974
3/22/2016 12:00:00 PM 37076.973 1.018	604800.000 40643.535	121.708 26.277	20.406 27.638	274.159 26.971
3/22/2016 12:15:00 PM 37085.016 1.018	605700.000 40652.574	121.737 26.283	20.405 27.644	274.225 26.965
3/22/2016 12:30:00 PM 37074.402 1.018	606600.000 40640.270	121.724 26.274	20.406 27.635	274.195 26.973
3/22/2016 12:45:00 PM 37090.895 1.018	607500.000 40658.945	121.719 26.288	20.405 27.648	274.184 26.961
3/22/2016 1:00:00 PM 37093.133 1.018	608400.000 40661.770	121.714 26.290	20.405 27.650	274.172 26.959
3/22/2016 1:15:00 PM 37105.180 1.018	609300.000 40674.754	121.700 26.299	20.405 27.659	274.141 26.950
3/22/2016 1:30:00 PM 37103.246	610200.000 40673.754	121.676 26.298	20.404 27.658	274.087 26.952

1.018				
3/22/2016 1:45:00 PM	611100.000	121.668	20.406	274.070
37076.508	40642.879	26.276	27.637	26.971
1.018				
3/22/2016 2:00:00 PM	612000.000	121.652	20.405	274.033
37081.184	40648.820	26.280	27.641	26.968
1.018				
3/22/2016 2:15:00 PM	612900.000	121.626	20.403	273.976
37064.543	40631.922	26.268	27.630	26.980
1.018				
3/22/2016 2:30:00 PM	613800.000	121.594	20.402	273.901
37064.387	40632.938	26.269	27.630	26.980
1.018				
3/22/2016 2:45:00 PM	614700.000	121.593	20.404	273.900
37102.891	40673.434	26.298	27.658	26.952
1.018				
3/22/2016 3:00:00 PM	615600.000	121.576	20.401	273.861
37065.688	40635.035	26.270	27.632	26.979
1.018				
3/22/2016 3:15:00 PM	616500.000	121.550	20.401	273.803
37062.730	40632.020	26.268	27.630	26.981
1.018				
3/22/2016 3:30:00 PM	617400.000	121.534	20.403	273.767
37107.293	40679.164	26.302	27.662	26.949
1.018				
3/22/2016 3:45:00 PM	618300.000	121.513	20.404	273.719
37078.063	40645.848	26.278	27.639	26.970
1.018				
3/22/2016 4:00:00 PM	619200.000	121.487	20.402	273.662
37078.953	40649.129	26.281	27.641	26.969
1.018				
3/22/2016 4:15:00 PM	620100.000	121.481	20.404	273.648
37081.930	40650.676	26.282	27.642	26.967
1.018				
3/22/2016 4:30:00 PM	621000.000	121.455	20.401	273.589
37075.805	40645.977	26.278	27.639	26.972
1.018				
3/22/2016 4:45:00 PM	621900.000	121.433	20.400	273.540
37074.910	40645.672	26.278	27.639	26.972
1.018				
3/22/2016 5:00:00 PM	622800.000	121.427	20.399	273.526
37049.781	40619.387	26.259	27.621	26.991
1.018				
3/22/2016 5:15:00 PM	623700.000	121.411	20.400	273.490
37064.980	40635.453	26.271	27.632	26.980
1.018				
3/22/2016 5:30:00 PM	624600.000	121.403	20.399	273.473
37071.965	40643.852	26.277	27.638	26.975
1.018				
3/22/2016 5:45:00 PM	625500.000	121.394	20.400	273.452
37074.445	40645.230	26.278	27.639	26.973
1.018				
3/22/2016 6:00:00 PM	626400.000	121.396	20.401	273.455
37059.664	40628.352	26.266	27.627	26.984
1.018				
3/22/2016 6:15:00 PM	627300.000	121.379	20.401	273.419

37062.352	40631.746	26.268	27.630	26.982
1.018				
3/22/2016 6:30:00 PM	628200.000	121.382	20.398	273.424
37056.945	40628.137	26.265	27.627	26.985
1.018				
3/22/2016 6:45:00 PM	629100.000	121.389	20.399	273.441
37089.930	40663.027	26.290	27.651	26.961
1.018				
3/22/2016 7:00:00 PM	630000.000	121.399	20.397	273.464
37065.281	40638.395	26.273	27.634	26.979
1.018				
3/22/2016 7:15:00 PM	630900.000	121.374	20.395	273.407
37047.926	40620.402	26.260	27.622	26.992
1.018				
3/22/2016 7:30:00 PM	631800.000	121.383	20.398	273.427
37070.402	40642.961	26.276	27.637	26.976
1.018				
3/22/2016 7:45:00 PM	632700.000	121.424	20.396	273.519
37035.469	40606.223	26.250	27.612	27.001
1.018				
3/22/2016 8:00:00 PM	633600.000	121.437	20.395	273.549
37073.148	40648.500	26.280	27.641	26.974
1.018				
3/22/2016 8:15:00 PM	634500.000	121.426	20.395	273.525
37077.230	40653.055	26.283	27.644	26.971
1.018				
3/22/2016 8:30:00 PM	635400.000	121.471	20.399	273.626
37078.043	40650.070	26.281	27.642	26.970
1.018				
3/22/2016 8:45:00 PM	636300.000	121.481	20.396	273.648
37080.828	40655.578	26.285	27.646	26.968
1.018				
3/22/2016 9:00:00 PM	637200.000	121.494	20.395	273.678
37083.828	40660.137	26.288	27.649	26.966
1.018				
3/22/2016 9:15:00 PM	638100.000	121.518	20.400	273.731
37083.617	40655.957	26.285	27.646	26.966
1.018				
3/22/2016 9:30:00 PM	639000.000	121.536	20.401	273.772
37102.676	40675.953	26.300	27.660	26.952
1.018				
3/22/2016 9:45:00 PM	639900.000	121.563	20.396	273.834
37092.508	40668.613	26.294	27.655	26.960
1.018				
3/22/2016 10:00:00 PM	640800.000	121.569	20.398	273.846
37087.703	40661.859	26.290	27.650	26.963
1.018				
3/22/2016 10:15:00 PM	641700.000	121.586	20.398	273.885
37060.125	40631.766	26.268	27.630	26.983
1.018				
3/22/2016 10:30:00 PM	642600.000	121.597	20.397	273.909
37100.008	40675.719	26.300	27.659	26.954
1.018				
3/22/2016 10:45:00 PM	643500.000	121.628	20.396	273.979
37065.254	40639.023	26.273	27.635	26.979
1.018				

3/22/2016 11:00:00 PM 37125.281 1.018	644400.000 40701.492	121.650 26.318	20.400 27.677	274.028 26.936
3/22/2016 11:15:00 PM 37150.895 1.018	645300.000 40726.512	121.645 26.336	20.403 27.694	274.018 26.917
3/22/2016 11:30:00 PM 37103.727 1.018	646200.000 40677.930	121.645 26.301	20.400 27.661	274.018 26.951
3/22/2016 11:45:00 PM 37124.934 1.018	647100.000 40696.934	121.679 26.315	20.405 27.674	274.095 26.936
3/23/2016 12:00:00 AM 37120.926 1.018	648000.000 40694.844	121.677 26.313	20.402 27.672	274.089 26.939
3/23/2016 12:15:00 AM 37106.828 1.018	648900.000 40677.016	121.677 26.301	20.405 27.660	274.089 26.949
3/23/2016 12:30:00 AM 37091.230 1.018	649800.000 40660.203	121.673 26.289	20.404 27.649	274.080 26.961
3/23/2016 12:45:00 AM 37074.281 1.018	650700.000 40641.176	121.679 26.275	20.405 27.636	274.093 26.973
3/23/2016 1:00:00 AM 37109.156 1.018	651600.000 40679.113	121.671 26.302	20.405 27.662	274.075 26.948
3/23/2016 1:15:00 AM 37138.563 1.018	652500.000 40712.996	121.670 26.326	20.403 27.685	274.073 26.926
3/23/2016 1:30:00 AM 37122.090 1.018	653400.000 40694.332	121.652 26.313	20.404 27.672	274.034 26.938
3/23/2016 1:45:00 AM 37124.508 1.018	654300.000 40697.586	121.644 26.315	20.403 27.674	274.016 26.936
3/23/2016 2:00:00 AM 37126.758 1.018	655200.000 40698.934	121.636 26.316	20.405 27.675	273.997 26.935
3/23/2016 2:15:00 AM 37123.820 1.018	656100.000 40698.992	121.595 26.316	20.401 27.675	273.904 26.937
3/23/2016 2:30:00 AM 37132.305 1.018	657000.000 40706.207	121.611 26.322	20.403 27.680	273.940 26.931
3/23/2016 2:45:00 AM 37110.332 1.018	657900.000 40683.684	121.564 26.305	20.401 27.665	273.835 26.947
3/23/2016 3:00:00 AM 37124.031 1.018	658800.000 40700.641	121.566 26.317	20.399 27.676	273.839 26.937
3/23/2016 3:15:00 AM 37126.504 1.018	659700.000 40701.863	121.548 26.318	20.401 27.677	273.799 26.935
3/23/2016 3:30:00 AM 37148.598	660600.000 40726.676	121.531 26.336	20.400 27.694	273.759 26.919

1.018				
3/23/2016 3:45:00 AM	661500.000	121.508	20.400	273.709
37098.992	40672.363	26.297	27.657	26.955
1.018				
3/23/2016 4:00:00 AM	662400.000	121.493	20.403	273.676
37108.824	40681.055	26.304	27.663	26.948
1.018				
3/23/2016 4:15:00 AM	663300.000	121.481	20.399	273.648
37122.430	40699.105	26.316	27.675	26.938
1.018				
3/23/2016 4:30:00 AM	664200.000	121.425	20.404	273.522
37115.086	40686.805	26.308	27.667	26.943
1.018				
3/23/2016 4:45:00 AM	665100.000	121.433	20.401	273.540
37134.363	40710.395	26.325	27.683	26.929
1.018				
3/23/2016 5:00:00 AM	666000.000	121.417	20.397	273.503
37109.371	40685.984	26.307	27.666	26.947
1.018				
3/23/2016 5:15:00 AM	666900.000	121.410	20.398	273.488
37127.184	40704.766	26.320	27.679	26.934
1.018				
3/23/2016 5:30:00 AM	667800.000	121.397	20.399	273.458
37104.727	40679.250	26.302	27.662	26.951
1.018				
3/23/2016 5:45:00 AM	668700.000	121.392	20.397	273.447
37118.066	40695.520	26.314	27.673	26.941
1.018				
3/23/2016 6:00:00 AM	669600.000	121.378	20.398	273.416
37097.695	40672.367	26.297	27.657	26.956
1.018				
3/23/2016 6:15:00 AM	670500.000	121.375	20.398	273.410
37103.113	40678.898	26.302	27.662	26.952
1.018				
3/23/2016 6:30:00 AM	671400.000	121.376	20.400	273.411
37137.645	40714.887	26.328	27.686	26.927
1.018				
3/23/2016 6:45:00 AM	672300.000	121.363	20.399	273.381
37100.941	40675.477	26.299	27.659	26.953
1.018				
3/23/2016 7:00:00 AM	673200.000	121.364	20.398	273.384
37109.707	40685.910	26.307	27.666	26.947
1.018				
3/23/2016 7:15:00 AM	674100.000	121.364	20.398	273.384
37107.523	40683.730	26.305	27.665	26.949
1.018				
3/23/2016 7:30:00 AM	675000.000	121.375	20.401	273.410
37085.242	40656.840	26.286	27.647	26.965
1.018				
3/23/2016 7:45:00 AM	675900.000	121.385	20.399	273.432
37110.219	40685.418	26.307	27.666	26.947
1.018				
3/23/2016 8:00:00 AM	676800.000	121.390	20.399	273.443
37103.566	40678.730	26.302	27.662	26.952
1.018				
3/23/2016 8:15:00 AM	677700.000	121.406	20.398	273.478

37115.590	40692.504	26.312	27.671	26.943
1.018				
3/23/2016 8:30:00 AM	678600.000	121.396	20.397	273.457
37100.691	40677.137	26.301	27.660	26.954
1.018				
3/23/2016 8:45:00 AM	679500.000	121.432	20.399	273.538
37113.582	40689.711	26.310	27.669	26.944
1.018				
3/23/2016 9:00:00 AM	680400.000	121.444	20.396	273.564
37123.547	40702.488	26.319	27.678	26.937
1.018				
3/23/2016 9:15:00 AM	681300.000	121.471	20.397	273.626
37114.191	40691.270	26.311	27.670	26.944
1.018				
3/23/2016 9:30:00 AM	682200.000	121.481	20.397	273.648
37125.934	40704.813	26.320	27.679	26.935
1.018				
3/23/2016 9:45:00 AM	683100.000	121.507	20.397	273.707
37115.684	40693.348	26.312	27.671	26.943
1.018				
3/23/2016 10:00:00 AM	684000.000	121.522	20.395	273.740
37105.098	40683.016	26.305	27.664	26.950
1.018				
3/23/2016 10:15:00 AM	684900.000	121.548	20.398	273.799
37110.926	40686.941	26.308	27.667	26.946
1.018				
3/23/2016 10:30:00 AM	685800.000	121.554	20.396	273.813
37118.262	40697.145	26.315	27.674	26.941
1.018				
3/23/2016 10:45:00 AM	686700.000	121.574	20.396	273.856
37118.715	40697.496	26.315	27.674	26.941
1.018				
3/23/2016 11:00:00 AM	687600.000	121.593	20.398	273.900
37134.367	40712.715	26.326	27.685	26.929
1.018				
3/23/2016 11:15:00 AM	688500.000	121.605	20.399	273.927
37133.301	40710.805	26.325	27.683	26.930
1.018				
3/23/2016 11:30:00 AM	689400.000	121.618	20.400	273.956
37158.316	40737.258	26.344	27.701	26.912
1.018				
3/23/2016 11:45:00 AM	690300.000	121.616	20.400	273.953
37133.363	40710.496	26.325	27.683	26.930
1.018				
3/23/2016 12:00:00 PM	691200.000	121.630	20.398	273.984
37134.730	40713.418	26.327	27.685	26.929
1.018				
3/23/2016 12:15:00 PM	692100.000	121.625	20.399	273.972
37119.492	40695.516	26.314	27.673	26.940
1.018				
3/23/2016 12:30:00 PM	693000.000	121.631	20.403	273.985
37146.547	40721.891	26.333	27.691	26.920
1.018				
3/23/2016 12:45:00 PM	693900.000	121.634	20.401	273.992
37145.086	40721.785	26.333	27.691	26.921
1.018				



3/23/2016 1:00:00 PM 37172.488 1.018	694800.000 40749.137	121.628 26.352	20.405 27.709	273.979 26.902
3/23/2016 1:15:00 PM 37155.051 1.018	695700.000 40730.836	121.623 26.339	20.404 27.697	273.967 26.914
3/23/2016 1:30:00 PM 37103.621 1.018	696600.000 40674.313	121.625 26.299	20.404 27.659	273.972 26.952
3/23/2016 1:45:00 PM 37148.906 1.018	697500.000 40724.332	121.606 26.335	20.403 27.693	273.930 26.919
3/23/2016 2:00:00 PM 37163.477 1.018	698400.000 40741.344	121.597 26.347	20.402 27.704	273.910 26.908
3/23/2016 2:15:00 PM 37152.480 1.018	699300.000 40731.980	121.578 26.340	20.399 27.698	273.865 26.916
3/23/2016 2:30:00 PM 37158.488 1.018	700200.000 40736.695	121.567 26.343	20.401 27.701	273.841 26.912
3/23/2016 2:45:00 PM 37150.422 1.018	701100.000 40731.742	121.551 26.340	20.397 27.698	273.805 26.918
3/23/2016 3:00:00 PM 37139.566 1.018	702000.000 40717.594	121.532 26.330	20.399 27.688	273.762 26.925
3/23/2016 3:15:00 PM 37146.281 1.018	702900.000 40725.563	121.517 26.335	20.399 27.693	273.728 26.921
3/23/2016 3:30:00 PM 37140.367 1.018	703800.000 40718.773	121.484 26.330	20.399 27.689	273.654 26.925
3/23/2016 3:45:00 PM 37136.512 1.018	704700.000 40713.570	121.470 26.327	20.400 27.685	273.623 26.928
3/23/2016 4:00:00 PM 37142.371 1.018	705600.000 40719.172	121.448 26.331	20.401 27.689	273.574 26.923
3/23/2016 4:15:00 PM 37132.188 1.018	706500.000 40712.121	121.431 26.326	20.396 27.684	273.534 26.931
3/23/2016 4:30:00 PM 37154.926 1.018	707400.000 40737.719	121.410 26.344	20.395 27.702	273.488 26.914
3/23/2016 4:45:00 PM 37145.965 1.018	708300.000 40729.391	121.393 26.338	20.394 27.696	273.449 26.921
3/23/2016 5:00:00 PM 37100.840 1.018	709200.000 40679.234	121.382 26.302	20.394 27.662	273.424 26.954
3/23/2016 5:15:00 PM 37142.848 1.018	710100.000 40723.438	121.370 26.334	20.397 27.692	273.398 26.923
3/23/2016 5:30:00 PM 37134.527	711000.000 40715.875	121.351 26.328	20.395 27.687	273.356 26.929

1.018				
3/23/2016 5:45:00 PM	711900.000	121.338	20.396	273.326
37141.832	40722.770	26.333	27.691	26.924
1.018				
3/23/2016 6:00:00 PM	712800.000	121.327	20.397	273.300
37116.625	40694.309	26.313	27.672	26.942
1.018				
3/23/2016 6:15:00 PM	713700.000	121.320	20.396	273.286
37130.238	40710.348	26.324	27.683	26.932
1.018				
3/23/2016 6:30:00 PM	714600.000	121.315	20.396	273.274
37136.902	40717.582	26.330	27.688	26.927
1.018				
3/23/2016 6:45:00 PM	715500.000	121.313	20.393	273.269
37113.250	40694.488	26.313	27.672	26.945
1.018				
3/23/2016 7:00:00 PM	716400.000	121.300	20.393	273.240
37123.816	40705.629	26.321	27.680	26.937
1.018				
3/23/2016 7:15:00 PM	717300.000	121.307	20.396	273.255
37146.477	40728.008	26.337	27.695	26.920
1.018				
3/23/2016 7:30:00 PM	718200.000	121.295	20.393	273.228
37141.105	40724.953	26.335	27.693	26.924
1.018				
3/23/2016 7:45:00 PM	719100.000	121.327	20.395	273.300
37130.980	40712.207	26.326	27.684	26.932
1.018				
3/23/2016 8:00:00 PM	720000.000	121.310	20.395	273.263
37154.121	40737.059	26.343	27.701	26.915
1.018				
3/23/2016 8:15:00 PM	720900.000	121.344	20.395	273.340
37131.773	40712.266	26.326	27.684	26.931
1.018				
3/23/2016 8:30:00 PM	721800.000	121.347	20.395	273.345
37136.305	40717.973	26.330	27.688	26.928
1.018				
3/23/2016 8:45:00 PM	722700.000	121.372	20.395	273.401
37145.805	40727.793	26.337	27.695	26.921
1.018				
3/23/2016 9:00:00 PM	723600.000	121.381	20.393	273.422
37140.043	40723.492	26.334	27.692	26.925
1.018				
3/23/2016 9:15:00 PM	724500.000	121.373	20.395	273.404
37131.449	40712.578	26.326	27.685	26.931
1.018				
3/23/2016 9:30:00 PM	725400.000	121.420	20.394	273.510
37152.293	40736.254	26.343	27.701	26.916
1.018				
3/23/2016 9:45:00 PM	726300.000	121.432	20.392	273.538
37138.473	40722.590	26.333	27.691	26.926
1.018				
3/23/2016 10:00:00 PM	727200.000	121.448	20.395	273.574
37120.223	40700.113	26.317	27.676	26.939
1.018				
3/23/2016 10:15:00 PM	728100.000	121.472	20.394	273.627

37158.559	40742.594	26.347	27.705	26.912
1.018				
3/23/2016 10:30:00 PM	729000.000	121.490	20.400	273.668
37164.563	40744.629	26.349	27.706	26.907
1.018				
3/23/2016 10:45:00 PM	729900.000	121.508	20.396	273.709
37175.953	40759.945	26.360	27.717	26.899
1.018				
3/23/2016 11:00:00 PM	730800.000	121.536	20.397	273.772
37182.227	40766.012	26.364	27.721	26.895
1.018				
3/23/2016 11:15:00 PM	731700.000	121.543	20.397	273.788
37155.434	40737.004	26.343	27.701	26.914
1.018				
3/23/2016 11:30:00 PM	732600.000	121.558	20.398	273.820
37199.180	40784.004	26.377	27.733	26.882
1.018				
3/23/2016 11:45:00 PM	733500.000	121.568	20.400	273.844
37170.148	40750.602	26.353	27.710	26.903
1.018				

Report Date: 3/24/2016 2:14:40 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-4M LT Test\_2016-03-24\_13-25-47-842-BaroMerge.wsl  
Create Date: 3/24/2016 2:13:42 PM

Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-4M  
Device Name:  
Serial Number: 399060  
Firmware Version: 2.00  
Hardware Version: 3  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 0  
Used Battery(%): 21

Log Configuration

Log Name: MPWSP MW-4M LT Test  
Created By: KMakar  
Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0  
Create Date: 10/1/2015 2:51:41 PM Pacific Daylight Time  
Log Setup Time Zone: Pacific Daylight Time  
Notes Size(bytes): 4096  
Overwrite when full: Enabled  
Scheduled Start Time: 10/1/2015 2:55:00 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: 197.491 (ft)  
Head Pressure: 86.6452 (PSI)  
Temperature: 17.9952 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
10/1/2015 2:51:50 PM	Used Battery: 21% Used Memory: 3% User Name: KMakar
10/8/2015 5:16:07 PM	Log Download - Used Battery: 22% Used Memory: 4% User Name: CShaw Interval - Start Time:
10/1/2015 2:55:00 PM	Stop Time: 10/8/2015 6:15:00 PM
10/15/2015 1:52:52 PM	Log Download - Used Battery: 22% Used Memory: 7% User Name: KMakar Interval - Start Time:
10/1/2015 2:55:00 PM	Stop Time: 10/15/2015 1:50:00 PM
10/15/2015 1:53:24 PM	Log Download - Used Battery: 22% Used Memory: 7% User Name: KMakar
10/22/2015 5:39:51 PM	Log Download - Used Battery: 23% Used Memory: 9% User Name: CShaw
10/26/2015 6:56:22 PM	Log Download - Used Battery: 24% Used Memory: 10% User Name: nreynolds Interval - Start
Time: 10/15/2015 12:00:00 AM	Stop Time: 10/26/2015 6:55:00 PM
10/27/2015 12:22:14 PM	Log Download - Used Battery: 24% Used Memory: 10% User Name: nreynolds Interval - Start
Time: 10/15/2015 12:00:00 AM	Stop Time: 10/27/2015 12:15:00 PM
10/29/2015 3:57:37 PM	Log Download - Used Battery: 24% Used Memory: 12% User Name: KMakar Interval - Start
Time: 10/13/2015 6:15:00 AM	Stop Time: 10/29/2015 3:55:00 PM
11/5/2015 2:56:45 PM	Log Download - Used Battery: 25% Used Memory: 14% User Name: KMakar Interval - Start
Time: 10/20/2015 7:00:00 AM	Stop Time: 11/5/2015 2:55:00 PM
11/12/2015 5:51:48 PM	Log Download - Used Battery: 25% Used Memory: 17% User Name: KMakar Interval - Start
Time: 10/20/2015 7:00:00 AM	Stop Time: 11/12/2015 6:50:00 PM
11/19/2015 3:52:29 PM	Log Download - Used Battery: 26% Used Memory: 20% User Name: KMakar Interval - Start
Time: 11/1/2015 7:00:00 AM	Stop Time: 11/19/2015 3:50:00 PM
11/29/2015 10:30:20 AM	Log Download - Used Battery: 27% Used Memory: 23% User Name: CShaw Interval - Start
Time: 11/13/2015 1:00:00 AM	Stop Time: 11/29/2015 10:30:00 AM
12/3/2015 11:38:07 AM	Log Download - Used Battery: 28% Used Memory: 25% User Name: KMakar Interval - Start
Time: 11/18/2015 7:00:00 AM	Stop Time: 12/3/2015 11:35:00 AM
12/10/2015 4:10:09 PM	Log Download - Used Battery: 28% Used Memory: 26% User Name: CShaw Interval - Start Time:
10/13/2015 1:00:00 AM	Stop Time: 12/10/2015 5:05:00 PM
12/17/2015 1:17:11 PM	Log Download - Used Battery: 29% Used Memory: 29% User Name: KMakar Interval - Start
Time: 12/1/2015 12:00:00 PM	Stop Time: 12/17/2015 1:15:00 PM
1/3/2016 2:39:07 PM	Log Download - Used Battery: 31% Used Memory: 35% User Name: CShaw Interval - Start Time:
11/30/2015 1:00:00 AM	Stop Time: 1/3/2016 3:35:00 PM
1/7/2016 11:06:50 AM	Log Download - Used Battery: 31% Used Memory: 35% User Name: KMakar Interval - Start
Time: 12/31/2015 10:00:00 AM	Stop Time: 1/7/2016 11:05:00 AM
1/14/2016 9:51:19 AM	Log Download - Used Battery: 32% Used Memory: 39% User Name: KMakar Interval - Start
Time: 1/4/2016 10:00:00 AM	Stop Time: 1/14/2016 9:50:00 AM
1/21/2016 12:58:32 PM	Log Download - Used Battery: 33% Used Memory: 42% User Name: KMakar Interval - Start
Time: 1/12/2016 11:00:00 AM	Stop Time: 1/21/2016 12:55:00 PM
1/28/2016 2:36:35 PM	Log Download - Used Battery: 33% Used Memory: 43% User Name: KMakar Interval - Start
Time: 1/18/2016 11:45:00 AM	Stop Time: 1/28/2016 2:30:00 PM
2/4/2016 3:57:37 PM	Log Download - Used Battery: 34% Used Memory: 46% User Name: CShaw Interval - Start Time:
12/31/2015 1:00:00 AM	Stop Time: 2/4/2016 4:55:00 PM
2/11/2016 8:28:33 AM	Log Download - Used Battery: 35% Used Memory: 48% User Name: CShaw Interval - Start Time:
2/2/2016 2:30:00 PM	Stop Time: 2/11/2016 9:25:00 AM
2/18/2016 12:39:55 PM	Log Download - Used Battery: 36% Used Memory: 51% User Name: CShaw Interval - Start Time:
2/4/2016 3:00:00 AM	Stop Time: 2/18/2016 12:45:00 PM
2/25/2016 12:41:41 PM	Log Download - Used Battery: 36% Used Memory: 53% User Name: KMakar Interval - Start
Time: 2/15/2016 5:30:00 PM	Stop Time: 2/25/2016 12:40:00 PM
3/3/2016 1:23:05 PM	Log Download - Used Battery: 37% Used Memory: 56% User Name: SKuiper Interval - Start Time:
1/31/2016 12:00:01 AM	Stop Time: 3/3/2016 2:20:00 PM
3/10/2016 3:24:00 PM	Log Download - Used Battery: 38% Used Memory: 59% User Name: KMakar Interval - Start
Time: 3/1/2016 12:00:00 PM	Stop Time: 3/10/2016 3:20:00 PM
3/18/2016 8:55:14 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start
Time: 3/8/2016 9:00:00 AM	Stop Time: 3/18/2016 8:55:00 AM
3/24/2016 1:23:56 PM	Log Download - Used Battery: 39% Used Memory: 64% User Name: KMakar Interval - Start
Time: 3/15/2016 12:00:00 PM	Stop Time: 3/24/2016 1:20:00 PM
3/24/2016 2:13:42 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-03-

Log Data:

Record Count: 2608

Sensors: 2

1 - 399060: PCTD 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft
Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft
Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: Baro-Adj Calc		
SN#: 399060	SN#: 399060	SN#: 399060	SN#: 399060	SN#: 399060
SN#: 000000	SN#: 399060	SN#: 399060	SN#: 399060	SN#: 399060

Date and Time	Elapsed Time	Corrected Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual
Conductivity (µS)	Resistivity (ohm-cm)	Specific Conductivity (µS)	Water Density (g/cm3)	Salinity (PSU)	Total Dissolved Solids (ppm)	Barometric Pressure (PSI)
3/17/2016 12:00:00 AM	28734.428	129600.000	33179.422	74.072	17.986	168.833
1.015		14.721		20.930	22562.010	34.801
3/17/2016 12:05:00 AM	28736.811	129900.000	33182.172	74.069	17.986	168.827
1.015		14.720		20.932	22563.877	34.799
3/17/2016 12:10:00 AM	28734.945	130200.000	33180.086	74.046	17.986	168.775
1.015		14.720		20.930	22562.459	34.801
3/17/2016 12:15:00 AM	28706.322	130500.000	33147.164	74.074	17.986	168.837
1.015		14.719		20.907	22540.074	34.836
3/17/2016 12:20:00 AM	28717.045	130800.000	33159.477	74.070	17.986	168.829
1.015		14.720		20.916	22548.445	34.823
3/17/2016 12:25:00 AM	28695.004	131100.000	33133.777	74.068	17.986	168.824
1.015		14.721		20.898	22530.969	34.849
3/17/2016 12:30:00 AM	28717.607	131400.000	33160.000	74.065	17.986	168.818
1.015		14.722		20.916	22548.801	34.822
3/17/2016 12:35:00 AM	28703.994	131700.000	33144.223	74.069	17.986	168.827
1.015		14.720		20.905	22538.072	34.838
3/17/2016 12:40:00 AM	28749.643	132000.000	33197.254	74.070	17.986	168.829
1.015		14.718		20.942	22574.135	34.783
3/17/2016 12:45:00 AM	28663.426	132300.000	33097.629	74.068	17.986	168.823
1.014		14.716		20.873	22506.389	34.888
3/17/2016 12:50:00 AM	28709.979	132600.000	33151.582	74.047	17.985	168.777
1.015		14.717		20.910	22543.078	34.831

3/17/2016 12:55:00 AM	132900.000	74.069	17.986	168.826
28736.473	33181.727	20.931	22563.576	34.799
1.015	14.717			
3/17/2016 1:00:00 AM	133200.000	74.072	17.986	168.832
28693.914	33132.836	20.897	22530.328	34.851
1.015	14.717			
3/17/2016 1:05:00 AM	133500.000	74.071	17.986	168.830
28692.607	33131.074	20.896	22529.133	34.852
1.015	14.717			
3/17/2016 1:10:00 AM	133800.000	74.069	17.985	168.826
28705.102	33145.949	20.907	22539.248	34.837
1.015	14.716			
3/17/2016 1:15:00 AM	134100.000	74.047	17.986	168.777
28744.695	33191.602	20.938	22570.289	34.789
1.015	14.715			
3/17/2016 1:20:00 AM	134400.000	74.068	17.986	168.823
28720.309	33162.996	20.918	22550.838	34.819
1.015	14.717			
3/17/2016 1:25:00 AM	134700.000	74.063	17.986	168.812
28683.848	33121.145	20.889	22522.381	34.863
1.015	14.719			
3/17/2016 1:30:00 AM	135000.000	74.045	17.986	168.770
28700.064	33139.426	20.902	22534.811	34.843
1.015	14.721			
3/17/2016 1:35:00 AM	135300.000	74.061	17.986	168.808
28724.350	33167.785	20.922	22554.094	34.814
1.015	14.719			
3/17/2016 1:40:00 AM	135600.000	74.052	17.986	168.787
28705.867	33146.445	20.907	22539.586	34.836
1.015	14.717			
3/17/2016 1:45:00 AM	135900.000	74.068	17.986	168.823
28682.303	33119.496	20.888	22521.260	34.865
1.015	14.714			
3/17/2016 1:50:00 AM	136200.000	74.067	17.986	168.822
28719.398	33162.262	20.918	22550.338	34.820
1.015	14.716			
3/17/2016 1:55:00 AM	136500.000	74.065	17.986	168.817
28695.889	33135.184	20.899	22531.928	34.848
1.015	14.718			
3/17/2016 2:00:00 AM	136800.000	74.063	17.986	168.813
28723.404	33166.695	20.921	22553.354	34.815
1.015	14.719			
3/17/2016 2:05:00 AM	137100.000	74.068	17.986	168.824
28727.672	33171.379	20.924	22556.537	34.810
1.015	14.718			
3/17/2016 2:10:00 AM	137400.000	74.066	17.986	168.819
28703.734	33144.047	20.905	22537.953	34.839
1.015	14.716			
3/17/2016 2:15:00 AM	137700.000	74.068	17.986	168.823
28710.004	33151.285	20.910	22542.875	34.831
1.015	14.714			
3/17/2016 2:20:00 AM	138000.000	74.070	17.986	168.829
28718.568	33161.238	20.917	22549.645	34.821
1.015	14.711			
3/17/2016 2:25:00 AM	138300.000	74.080	17.986	168.851
28704.852	33145.398	20.906	22538.871	34.837
1.015	14.708			
3/17/2016 2:30:00 AM	138600.000	74.076	17.986	168.841

28717.740	33160.031	20.916	22548.822	34.822
1.015	14.706			
3/17/2016 2:35:00 AM	138900.000	74.078	17.986	168.846
28687.297	33124.945	20.892	22524.963	34.859
1.015	14.708			
3/17/2016 2:40:00 AM	139200.000	74.055	17.986	168.793
28714.070	33156.238	20.914	22546.244	34.826
1.015	14.709			
3/17/2016 2:45:00 AM	139500.000	74.070	17.986	168.829
28714.490	33156.527	20.914	22546.439	34.826
1.015	14.711			
3/17/2016 2:50:00 AM	139800.000	74.076	17.986	168.842
28712.055	33153.656	20.912	22544.486	34.829
1.015	14.709			
3/17/2016 2:55:00 AM	140100.000	74.078	17.986	168.847
28705.715	33146.332	20.907	22539.508	34.836
1.015	14.707			
3/17/2016 3:00:00 AM	140400.000	74.078	17.986	168.847
28701.008	33140.961	20.903	22535.854	34.842
1.015	14.705			
3/17/2016 3:05:00 AM	140700.000	74.081	17.986	168.854
28708.783	33150.133	20.909	22542.092	34.833
1.015	14.703			
3/17/2016 3:10:00 AM	141000.000	74.084	17.986	168.861
28694.674	33133.395	20.898	22530.711	34.850
1.015	14.701			
3/17/2016 3:15:00 AM	141300.000	74.089	17.986	168.871
28709.283	33150.387	20.910	22542.266	34.832
1.015	14.700			
3/17/2016 3:20:00 AM	141600.000	74.066	17.986	168.820
28702.332	33142.488	20.904	22536.895	34.840
1.015	14.702			
3/17/2016 3:25:00 AM	141900.000	74.063	17.986	168.813
28710.828	33152.301	20.911	22543.566	34.830
1.015	14.705			
3/17/2016 3:30:00 AM	142200.000	74.081	17.986	168.852
28698.625	33138.082	20.901	22533.896	34.845
1.015	14.708			
3/17/2016 3:35:00 AM	142500.000	74.080	17.986	168.850
28738.518	33184.273	20.933	22565.309	34.797
1.015	14.706			
3/17/2016 3:40:00 AM	142800.000	74.085	17.986	168.863
28743.063	33189.336	20.937	22568.748	34.791
1.015	14.704			
3/17/2016 3:45:00 AM	143100.000	74.062	17.986	168.810
28699.844	33139.367	20.902	22534.771	34.843
1.015	14.703			
3/17/2016 3:50:00 AM	143400.000	74.091	17.986	168.877
28728.904	33173.172	20.925	22557.758	34.808
1.015	14.701			
3/17/2016 3:55:00 AM	143700.000	74.094	17.986	168.883
28711.711	33153.133	20.912	22544.133	34.829
1.015	14.699			
3/17/2016 4:00:00 AM	144000.000	74.091	17.986	168.877
28758.146	33206.809	20.949	22580.631	34.773
1.015	14.698			
3/17/2016 4:05:00 AM	144300.000	74.098	17.986	168.892
28724.641	33168.063	20.922	22554.285	34.813



1.015	14.698			
3/17/2016 4:10:00 AM	144600.000	74.099	17.986	168.895
28739.641	33185.637	20.934	22566.232	34.795
1.015	14.697			
3/17/2016 4:15:00 AM	144900.000	74.099	17.986	168.895
28684.145	33121.426	20.890	22522.572	34.862
1.015	14.697			
3/17/2016 4:20:00 AM	145200.000	74.101	17.986	168.900
28707.262	33147.996	20.908	22540.639	34.834
1.015	14.698			
3/17/2016 4:25:00 AM	145500.000	74.100	17.986	168.897
28719.541	33162.234	20.918	22550.322	34.819
1.015	14.699			
3/17/2016 4:30:00 AM	145800.000	74.099	17.986	168.896
28722.068	33164.832	20.920	22552.088	34.816
1.015	14.701			
3/17/2016 4:35:00 AM	146100.000	74.082	17.986	168.856
28699.096	33138.691	20.902	22534.311	34.844
1.015	14.701			
3/17/2016 4:40:00 AM	146400.000	74.103	17.986	168.903
28690.871	33129.004	20.895	22527.723	34.854
1.015	14.702			
3/17/2016 4:45:00 AM	146700.000	74.103	17.986	168.903
28709.564	33150.523	20.910	22542.357	34.832
1.015	14.703			
3/17/2016 4:50:00 AM	147000.000	74.105	17.986	168.908
28706.314	33147.152	20.907	22540.066	34.836
1.015	14.700			
3/17/2016 4:55:00 AM	147300.000	74.109	17.986	168.916
28705.205	33145.746	20.906	22539.107	34.837
1.015	14.698			
3/17/2016 5:00:00 AM	147600.000	74.113	17.986	168.927
28690.061	33128.453	20.894	22527.350	34.855
1.015	14.696			
3/17/2016 5:05:00 AM	147900.000	74.118	17.986	168.937
28716.021	33158.297	20.915	22547.645	34.824
1.015	14.696			
3/17/2016 5:10:00 AM	148200.000	74.112	17.986	168.924
28726.457	33170.414	20.924	22555.881	34.811
1.015	14.695			
3/17/2016 5:15:00 AM	148500.000	74.123	17.986	168.948
28747.170	33193.945	20.940	22571.885	34.786
1.015	14.695			
3/17/2016 5:20:00 AM	148800.000	74.098	17.986	168.892
28681.973	33118.797	20.888	22520.783	34.865
1.015	14.696			
3/17/2016 5:25:00 AM	149100.000	74.119	17.986	168.941
28683.500	33120.742	20.889	22522.105	34.863
1.015	14.696			
3/17/2016 5:30:00 AM	149400.000	74.118	17.986	168.938
28700.783	33140.516	20.903	22535.551	34.842
1.015	14.697			
3/17/2016 5:35:00 AM	149700.000	74.125	17.986	168.953
28718.850	33161.191	20.917	22549.611	34.820
1.015	14.696			
3/17/2016 5:40:00 AM	150000.000	74.128	17.986	168.961
28740.637	33186.719	20.935	22566.969	34.794
1.015	14.694			

3/17/2016 5:45:00 AM	150300.000	74.127	17.986	168.957
28714.164	33155.781	20.913	22545.934	34.826
1.015	14.693			
3/17/2016 5:50:00 AM	150600.000	74.131	17.986	168.966
28720.428	33163.324	20.919	22551.063	34.818
1.015	14.691			
3/17/2016 5:55:00 AM	150900.000	74.134	17.987	168.974
28721.816	33164.293	20.919	22551.719	34.817
1.015	14.690			
3/17/2016 6:00:00 AM	151200.000	74.118	17.986	168.939
28715.576	33157.465	20.915	22547.078	34.824
1.015	14.688			
3/17/2016 6:05:00 AM	151500.000	74.138	17.986	168.984
28722.746	33165.934	20.920	22552.838	34.816
1.015	14.690			
3/17/2016 6:10:00 AM	151800.000	74.138	17.986	168.983
28715.740	33157.785	20.915	22547.297	34.824
1.015	14.692			
3/17/2016 6:15:00 AM	152100.000	74.140	17.986	168.987
28711.615	33152.891	20.911	22543.969	34.829
1.015	14.695			
3/17/2016 6:20:00 AM	152400.000	74.120	17.986	168.943
28692.047	33130.168	20.896	22528.516	34.853
1.015	14.693			
3/17/2016 6:25:00 AM	152700.000	74.141	17.986	168.989
28728.748	33172.621	20.925	22557.385	34.808
1.015	14.692			
3/17/2016 6:30:00 AM	153000.000	74.145	17.986	168.999
28671.535	33106.742	20.879	22512.584	34.878
1.014	14.691			
3/17/2016 6:35:00 AM	153300.000	74.150	17.987	169.011
28735.398	33179.840	20.930	22562.293	34.800
1.015	14.690			
3/17/2016 6:40:00 AM	153600.000	74.149	17.986	169.008
28702.381	33142.043	20.904	22536.590	34.840
1.015	14.689			
3/17/2016 6:45:00 AM	153900.000	74.133	17.987	168.973
28718.420	33160.301	20.917	22549.006	34.821
1.015	14.688			
3/17/2016 6:50:00 AM	154200.000	74.154	17.986	169.019
28713.553	33155.316	20.913	22545.615	34.827
1.015	14.689			
3/17/2016 6:55:00 AM	154500.000	74.135	17.986	168.976
28727.359	33171.070	20.924	22556.330	34.810
1.015	14.690			
3/17/2016 7:00:00 AM	154800.000	74.155	17.987	169.023
28703.809	33143.559	20.905	22537.621	34.839
1.015	14.692			
3/17/2016 7:05:00 AM	155100.000	74.154	17.987	169.019
28748.842	33195.621	20.941	22573.025	34.784
1.015	14.692			
3/17/2016 7:10:00 AM	155400.000	74.158	17.986	169.029
28728.529	33172.367	20.925	22557.211	34.809
1.015	14.693			
3/17/2016 7:15:00 AM	155700.000	74.151	17.986	169.013
28713.352	33154.895	20.913	22545.330	34.827
1.015	14.694			
3/17/2016 7:20:00 AM	156000.000	74.153	17.987	169.017

28743.889	33189.902	20.937	22569.135	34.790
1.015	14.694			
3/17/2016 7:25:00 AM	156300.000	74.160	17.987	169.032
28714.592	33155.883	20.914	22546.002	34.826
1.015	14.695			
3/17/2016 7:30:00 AM	156600.000	74.137	17.987	168.982
28746.328	33192.652	20.939	22571.004	34.787
1.015	14.695			
3/17/2016 7:35:00 AM	156900.000	74.155	17.987	169.022
28717.379	33159.293	20.916	22548.320	34.822
1.015	14.695			
3/17/2016 7:40:00 AM	157200.000	74.159	17.987	169.031
28712.977	33153.828	20.912	22544.605	34.827
1.015	14.695			
3/17/2016 7:45:00 AM	157500.000	74.135	17.987	168.977
28693.207	33131.188	20.896	22529.207	34.851
1.015	14.694			
3/17/2016 7:50:00 AM	157800.000	74.161	17.987	169.035
28760.781	33209.285	20.951	22582.316	34.770
1.015	14.695			
3/17/2016 7:55:00 AM	158100.000	74.158	17.987	169.030
28699.791	33138.535	20.901	22534.207	34.843
1.015	14.696			
3/17/2016 8:00:00 AM	158400.000	74.156	17.987	169.025
28752.750	33199.941	20.944	22575.963	34.779
1.015	14.696			
3/17/2016 8:05:00 AM	158700.000	74.162	17.987	169.037
28735.170	33179.711	20.930	22562.205	34.801
1.015	14.697			
3/17/2016 8:10:00 AM	159000.000	74.156	17.987	169.025
28740.412	33185.762	20.934	22566.318	34.794
1.015	14.698			
3/17/2016 8:15:00 AM	159300.000	74.157	17.988	169.027
28714.686	33155.477	20.913	22545.725	34.825
1.015	14.699			
3/17/2016 8:20:00 AM	159600.000	74.156	17.987	169.024
28711.244	33152.207	20.911	22543.502	34.830
1.015	14.699			
3/17/2016 8:25:00 AM	159900.000	74.144	17.986	168.997
28719.180	33161.500	20.917	22549.822	34.820
1.015	14.699			
3/17/2016 8:30:00 AM	160200.000	74.161	17.987	169.036
28715.865	33157.422	20.915	22547.049	34.824
1.015	14.699			
3/17/2016 8:35:00 AM	160500.000	74.160	17.986	169.034
28705.561	33145.715	20.906	22539.088	34.836
1.015	14.698			
3/17/2016 8:40:00 AM	160800.000	74.160	17.987	169.035
28734.238	33178.500	20.929	22561.383	34.802
1.015	14.696			
3/17/2016 8:45:00 AM	161100.000	74.157	17.987	169.027
28709.254	33149.461	20.909	22541.633	34.832
1.015	14.695			
3/17/2016 8:50:00 AM	161400.000	74.160	17.986	169.034
28726.596	33170.004	20.923	22555.605	34.811
1.015	14.696			
3/17/2016 8:55:00 AM	161700.000	74.157	17.988	169.027
28745.158	33190.664	20.938	22569.652	34.788

1.015	14.696			
3/17/2016 9:00:00 AM	162000.000	74.137	17.987	168.981
28699.027	33137.781	20.901	22533.693	34.844
1.015	14.697			
3/17/2016 9:05:00 AM	162300.000	74.137	17.987	168.981
28720.006	33162.324	20.918	22550.383	34.819
1.015	14.697			
3/17/2016 9:10:00 AM	162600.000	74.154	17.987	169.021
28702.895	33142.504	20.904	22536.904	34.840
1.015	14.697			
3/17/2016 9:15:00 AM	162900.000	74.151	17.987	169.013
28728.637	33172.289	20.925	22557.158	34.808
1.015	14.697			
3/17/2016 9:20:00 AM	163200.000	74.150	17.987	169.012
28712.783	33153.664	20.912	22544.492	34.828
1.015	14.697			
3/17/2016 9:25:00 AM	163500.000	74.151	17.987	169.013
28748.482	33194.824	20.941	22572.480	34.784
1.015	14.696			
3/17/2016 9:30:00 AM	163800.000	74.148	17.987	169.006
28742.916	33188.398	20.936	22568.113	34.791
1.015	14.696			
3/17/2016 9:35:00 AM	164100.000	74.152	17.986	169.014
28716.574	33158.434	20.915	22547.734	34.823
1.015	14.695			
3/17/2016 9:40:00 AM	164400.000	74.151	17.987	169.013
28736.787	33181.637	20.931	22563.516	34.799
1.015	14.694			
3/17/2016 9:45:00 AM	164700.000	74.147	17.986	169.004
28746.539	33193.164	20.939	22571.352	34.787
1.015	14.694			
3/17/2016 9:50:00 AM	165000.000	74.147	17.986	169.004
28705.344	33145.465	20.906	22538.918	34.837
1.015	14.695			
3/17/2016 9:55:00 AM	165300.000	74.140	17.987	168.989
28740.363	33185.383	20.934	22566.061	34.794
1.015	14.696			
3/17/2016 10:00:00 AM	165600.000	74.138	17.987	168.982
28702.613	33142.117	20.904	22536.643	34.840
1.015	14.698			
3/17/2016 10:05:00 AM	165900.000	74.137	17.986	168.980
28755.453	33203.324	20.946	22578.260	34.776
1.015	14.698			
3/17/2016 10:10:00 AM	166200.000	74.135	17.987	168.977
28729.453	33172.914	20.925	22557.582	34.807
1.015	14.698			
3/17/2016 10:15:00 AM	166500.000	74.131	17.987	168.968
28721.893	33164.438	20.919	22551.818	34.817
1.015	14.699			
3/17/2016 10:20:00 AM	166800.000	74.130	17.987	168.966
28717.125	33158.617	20.915	22547.861	34.822
1.015	14.699			
3/17/2016 10:25:00 AM	167100.000	74.110	17.986	168.919
28715.096	33156.781	20.914	22546.611	34.825
1.015	14.699			
3/17/2016 10:30:00 AM	167400.000	74.129	17.987	168.962
28722.633	33165.359	20.920	22552.447	34.816
1.015	14.699			

3/17/2016 10:35:00 AM	167700.000	74.125	17.987	168.954
28680.732	33116.594	20.886	22519.285	34.867
1.015	14.700			
3/17/2016 10:40:00 AM	168000.000	74.119	17.986	168.940
28708.693	33149.582	20.909	22541.717	34.833
1.015	14.701			
3/17/2016 10:45:00 AM	168300.000	74.116	17.987	168.934
28712.092	33152.996	20.912	22544.039	34.829
1.015	14.702			
3/17/2016 10:50:00 AM	168600.000	74.117	17.987	168.935
28745.629	33191.910	20.939	22570.502	34.788
1.015	14.698			
3/17/2016 10:55:00 AM	168900.000	74.114	17.987	168.928
28697.463	33136.293	20.900	22532.680	34.846
1.015	14.693			
3/17/2016 11:00:00 AM	169200.000	74.103	17.987	168.904
28747.373	33193.859	20.940	22571.824	34.786
1.015	14.689			
3/17/2016 11:05:00 AM	169500.000	74.117	17.986	168.936
28720.600	33163.082	20.919	22550.898	34.818
1.015	14.690			
3/17/2016 11:10:00 AM	169800.000	74.112	17.986	168.925
28730.896	33175.156	20.927	22559.109	34.806
1.015	14.692			
3/17/2016 11:15:00 AM	170100.000	74.108	17.987	168.914
28699.896	33139.105	20.902	22534.594	34.843
1.015	14.693			
3/17/2016 11:20:00 AM	170400.000	74.103	17.986	168.903
28717.420	33159.410	20.916	22548.398	34.822
1.015	14.694			
3/17/2016 11:25:00 AM	170700.000	74.080	17.986	168.850
28678.758	33115.141	20.885	22518.295	34.869
1.015	14.694			
3/17/2016 11:30:00 AM	171000.000	74.097	17.986	168.890
28728.379	33172.063	20.925	22557.004	34.809
1.015	14.694			
3/17/2016 11:35:00 AM	171300.000	74.097	17.986	168.891
28708.049	33148.906	20.909	22541.258	34.833
1.015	14.691			
3/17/2016 11:40:00 AM	171600.000	74.102	17.986	168.901
28689.607	33127.613	20.894	22526.779	34.856
1.015	14.688			
3/17/2016 11:45:00 AM	171900.000	74.094	17.986	168.884
28736.145	33181.473	20.931	22563.404	34.799
1.015	14.685			
3/17/2016 11:50:00 AM	172200.000	74.093	17.986	168.881
28708.881	33149.988	20.909	22541.994	34.832
1.015	14.686			
3/17/2016 11:55:00 AM	172500.000	74.088	17.986	168.870
28690.598	33128.688	20.895	22527.510	34.855
1.015	14.687			
3/17/2016 12:00:00 PM	172800.000	74.089	17.986	168.872
28716.449	33158.664	20.915	22547.893	34.823
1.015	14.688			
3/17/2016 12:05:00 PM	173100.000	74.083	17.986	168.857
28696.080	33134.953	20.899	22531.770	34.848
1.015	14.689			
3/17/2016 12:10:00 PM	173400.000	74.074	17.986	168.838

28690.049	33128.180	20.894	22527.162	34.855
1.015	14.690			
3/17/2016 12:15:00 PM	173700.000	74.069	17.986	168.827
28707.986	33148.832	20.909	22541.207	34.834
1.015	14.691			
3/17/2016 12:20:00 PM	174000.000	74.069	17.986	168.825
28732.434	33176.875	20.928	22560.275	34.804
1.015	14.692			
3/17/2016 12:25:00 PM	174300.000	74.066	17.986	168.820
28697.170	33136.344	20.900	22532.717	34.847
1.015	14.694			
3/17/2016 12:30:00 PM	174600.000	74.060	17.986	168.807
28715.078	33156.762	20.914	22546.598	34.825
1.015	14.695			
3/17/2016 12:35:00 PM	174900.000	74.038	17.986	168.754
28703.328	33143.195	20.905	22537.375	34.839
1.015	14.693			
3/17/2016 12:40:00 PM	175200.000	74.060	17.986	168.806
28684.945	33122.609	20.890	22523.377	34.861
1.015	14.691			
3/17/2016 12:45:00 PM	175500.000	74.060	17.986	168.805
28698.621	33138.020	20.901	22533.855	34.845
1.015	14.689			
3/17/2016 12:50:00 PM	175800.000	74.029	17.986	168.735
28683.064	33120.309	20.889	22521.813	34.864
1.015	14.690			
3/17/2016 12:55:00 PM	176100.000	74.046	17.986	168.773
28709.256	33150.484	20.910	22542.332	34.832
1.015	14.692			
3/17/2016 1:00:00 PM	176400.000	74.043	17.986	168.766
28705.197	33145.426	20.906	22538.891	34.837
1.015	14.693			
3/17/2016 1:05:00 PM	176700.000	74.026	17.986	168.727
28704.334	33144.801	20.906	22538.465	34.838
1.015	14.692			
3/17/2016 1:10:00 PM	177000.000	74.043	17.986	168.768
28705.797	33146.363	20.907	22539.527	34.836
1.015	14.691			
3/17/2016 1:15:00 PM	177300.000	74.042	17.985	168.764
28689.656	33128.113	20.894	22527.119	34.856
1.015	14.689			
3/17/2016 1:20:00 PM	177600.000	74.035	17.985	168.748
28711.621	33153.477	20.912	22544.367	34.829
1.015	14.690			
3/17/2016 1:25:00 PM	177900.000	74.033	17.986	168.743
28684.916	33122.512	20.890	22523.311	34.862
1.015	14.691			
3/17/2016 1:30:00 PM	178200.000	74.011	17.986	168.694
28713.217	33154.875	20.913	22545.314	34.827
1.015	14.692			
3/17/2016 1:35:00 PM	178500.000	74.026	17.986	168.729
28705.088	33145.738	20.906	22539.104	34.837
1.015	14.691			
3/17/2016 1:40:00 PM	178800.000	74.021	17.986	168.717
28722.189	33165.555	20.920	22552.580	34.816
1.015	14.689			
3/17/2016 1:45:00 PM	179100.000	74.006	17.986	168.682
28698.646	33138.172	20.901	22533.959	34.845

1.015	14.688			
3/17/2016 1:50:00 PM	179400.000	74.017	17.986	168.707
28755.063	33203.250	20.946	22578.213	34.776
1.015	14.688			
3/17/2016 1:55:00 PM	179700.000	74.018	17.986	168.710
28697.611	33136.910	20.900	22533.100	34.846
1.015	14.688			
3/17/2016 2:00:00 PM	180000.000	74.016	17.986	168.705
28711.412	33152.789	20.911	22543.898	34.829
1.015	14.689			
3/17/2016 2:05:00 PM	180300.000	74.011	17.986	168.695
28737.270	33182.770	20.932	22564.283	34.798
1.015	14.688			
3/17/2016 2:10:00 PM	180600.000	73.991	17.986	168.648
28710.541	33151.906	20.911	22543.299	34.830
1.015	14.687			
3/17/2016 2:15:00 PM	180900.000	74.008	17.986	168.687
28715.211	33157.496	20.915	22547.098	34.825
1.015	14.687			
3/17/2016 2:20:00 PM	181200.000	74.005	17.986	168.681
28703.955	33144.430	20.906	22538.213	34.838
1.015	14.688			
3/17/2016 2:25:00 PM	181500.000	73.998	17.986	168.664
28690.473	33128.930	20.895	22527.674	34.855
1.015	14.689			
3/17/2016 2:30:00 PM	181800.000	73.997	17.986	168.661
28707.650	33148.570	20.908	22541.029	34.834
1.015	14.690			
3/17/2016 2:35:00 PM	182100.000	74.005	17.985	168.681
28697.352	33137.070	20.900	22533.211	34.846
1.015	14.685			
3/17/2016 2:40:00 PM	182400.000	73.985	17.985	168.634
28697.033	33136.824	20.900	22533.043	34.847
1.015	14.680			
3/17/2016 2:45:00 PM	182700.000	74.009	17.985	168.690
28712.180	33154.121	20.912	22544.803	34.828
1.015	14.675			
3/17/2016 2:50:00 PM	183000.000	74.002	17.986	168.674
28722.090	33165.500	20.920	22552.541	34.816
1.015	14.678			
3/17/2016 2:55:00 PM	183300.000	73.976	17.986	168.613
28692.988	33131.895	20.897	22529.689	34.852
1.015	14.681			
3/17/2016 3:00:00 PM	183600.000	73.990	17.986	168.645
28690.297	33128.594	20.895	22527.445	34.855
1.015	14.684			
3/17/2016 3:05:00 PM	183900.000	73.970	17.986	168.601
28706.918	33147.852	20.908	22540.541	34.835
1.015	14.684			
3/17/2016 3:10:00 PM	184200.000	73.970	17.986	168.601
28717.787	33160.336	20.917	22549.031	34.822
1.015	14.683			
3/17/2016 3:15:00 PM	184500.000	73.988	17.986	168.642
28712.328	33154.227	20.912	22544.877	34.828
1.015	14.683			
3/17/2016 3:20:00 PM	184800.000	73.988	17.986	168.641
28707.576	33148.609	20.908	22541.057	34.834
1.015	14.684			

3/17/2016 3:25:00 PM	185100.000	73.986	17.986	168.637
28707.623	33148.598	20.908	22541.049	34.834
1.015	14.684			
3/17/2016 3:30:00 PM	185400.000	73.983	17.986	168.631
28677.977	33113.996	20.884	22517.520	34.870
1.015	14.684			
3/17/2016 3:35:00 PM	185700.000	73.987	17.986	168.639
28693.102	33132.027	20.897	22529.779	34.852
1.015	14.683			
3/17/2016 3:40:00 PM	186000.000	73.963	17.986	168.585
28703.723	33144.035	20.905	22537.945	34.839
1.015	14.682			
3/17/2016 3:45:00 PM	186300.000	73.983	17.986	168.629
28752.631	33200.637	20.945	22576.436	34.779
1.015	14.682			
3/17/2016 3:50:00 PM	186600.000	73.963	17.986	168.584
28718.553	33161.355	20.917	22549.725	34.821
1.015	14.682			
3/17/2016 3:55:00 PM	186900.000	73.963	17.985	168.584
28710.000	33151.676	20.911	22543.143	34.831
1.015	14.683			
3/17/2016 4:00:00 PM	187200.000	73.980	17.986	168.623
28681.881	33119.070	20.888	22520.969	34.865
1.015	14.684			
3/17/2016 4:05:00 PM	187500.000	73.984	17.986	168.633
28717.330	33159.875	20.916	22548.715	34.822
1.015	14.683			
3/17/2016 4:10:00 PM	187800.000	73.986	17.986	168.636
28738.658	33184.500	20.933	22565.463	34.796
1.015	14.681			
3/17/2016 4:15:00 PM	188100.000	73.986	17.986	168.636
28704.816	33145.426	20.906	22538.891	34.837
1.015	14.680			
3/17/2016 4:20:00 PM	188400.000	73.986	17.985	168.637
28700.887	33141.211	20.903	22536.023	34.842
1.015	14.680			
3/17/2016 4:25:00 PM	188700.000	73.986	17.986	168.636
28727.176	33171.242	20.924	22556.445	34.810
1.015	14.680			
3/17/2016 4:30:00 PM	189000.000	73.988	17.985	168.640
28703.879	33144.539	20.906	22538.289	34.838
1.015	14.680			
3/17/2016 4:35:00 PM	189300.000	73.987	17.986	168.639
28705.049	33145.762	20.906	22539.119	34.837
1.015	14.678			
3/17/2016 4:40:00 PM	189600.000	73.989	17.986	168.643
28731.049	33175.785	20.927	22559.533	34.806
1.015	14.677			
3/17/2016 4:45:00 PM	189900.000	73.991	17.985	168.647
28723.148	33166.855	20.921	22553.465	34.815
1.015	14.676			
3/17/2016 4:50:00 PM	190200.000	73.988	17.986	168.642
28696.123	33135.453	20.899	22532.107	34.848
1.015	14.676			
3/17/2016 4:55:00 PM	190500.000	73.992	17.985	168.651
28700.818	33141.004	20.903	22535.883	34.842
1.015	14.677			
3/17/2016 5:00:00 PM	190800.000	73.990	17.986	168.645



28709.320	33150.754	20.910	22542.516	34.832
1.015	14.678			
3/17/2016 5:05:00 PM	191100.000	73.994	17.986	168.655
28720.137	33162.922	20.918	22550.789	34.819
1.015	14.679			
3/17/2016 5:10:00 PM	191400.000	73.990	17.985	168.645
28702.689	33143.164	20.905	22537.354	34.840
1.015	14.680			
3/17/2016 5:15:00 PM	191700.000	73.969	17.986	168.597
28728.289	33172.527	20.925	22557.320	34.809
1.015	14.682			
3/17/2016 5:20:00 PM	192000.000	73.988	17.986	168.641
28708.125	33149.375	20.909	22541.576	34.833
1.015	14.683			
3/17/2016 5:25:00 PM	192300.000	73.990	17.986	168.647
28704.092	33144.719	20.906	22538.410	34.838
1.015	14.684			
3/17/2016 5:30:00 PM	192600.000	73.974	17.985	168.608
28730.422	33175.375	20.927	22559.258	34.806
1.015	14.684			
3/17/2016 5:35:00 PM	192900.000	73.988	17.986	168.642
28697.961	33137.578	20.901	22533.555	34.846
1.015	14.683			
3/17/2016 5:40:00 PM	193200.000	73.978	17.986	168.620
28712.916	33154.711	20.913	22545.205	34.828
1.015	14.682			
3/17/2016 5:45:00 PM	193500.000	74.001	17.985	168.672
28719.594	33162.941	20.918	22550.803	34.819
1.015	14.681			
3/17/2016 5:50:00 PM	193800.000	74.006	17.986	168.681
28710.928	33152.609	20.911	22543.775	34.830
1.015	14.680			
3/17/2016 5:55:00 PM	194100.000	74.008	17.986	168.687
28718.023	33160.547	20.917	22549.174	34.821
1.015	14.679			
3/17/2016 6:00:00 PM	194400.000	73.990	17.985	168.645
28720.799	33164.145	20.919	22551.621	34.818
1.015	14.678			
3/17/2016 6:05:00 PM	194700.000	74.010	17.986	168.693
28723.939	33167.504	20.922	22553.904	34.814
1.015	14.681			
3/17/2016 6:10:00 PM	195000.000	74.012	17.985	168.696
28731.803	33176.781	20.928	22560.211	34.805
1.015	14.684			
3/17/2016 6:15:00 PM	195300.000	74.006	17.985	168.684
28711.168	33152.953	20.911	22544.008	34.830
1.015	14.687			
3/17/2016 6:20:00 PM	195600.000	74.006	17.986	168.683
28691.883	33130.422	20.896	22528.688	34.853
1.015	14.686			
3/17/2016 6:25:00 PM	195900.000	73.993	17.985	168.652
28692.900	33131.930	20.897	22529.715	34.852
1.015	14.686			
3/17/2016 6:30:00 PM	196200.000	74.018	17.986	168.710
28746.854	33193.965	20.940	22571.898	34.786
1.015	14.686			
3/17/2016 6:35:00 PM	196500.000	74.019	17.986	168.711
28716.086	33158.438	20.915	22547.738	34.824

1.015	14.686			
3/17/2016 6:40:00 PM	196800.000	74.017	17.986	168.708
28690.990	33129.527	20.895	22528.080	34.854
1.015	14.686			
3/17/2016 6:45:00 PM	197100.000	74.002	17.985	168.673
28728.986	33173.656	20.926	22558.086	34.808
1.015	14.687			
3/17/2016 6:50:00 PM	197400.000	74.003	17.985	168.675
28728.086	33172.617	20.925	22557.383	34.809
1.015	14.689			
3/17/2016 6:55:00 PM	197700.000	74.024	17.985	168.724
28712.152	33154.219	20.912	22544.871	34.828
1.015	14.692			
3/17/2016 7:00:00 PM	198000.000	74.027	17.986	168.730
28693.408	33132.125	20.897	22529.846	34.851
1.015	14.694			
3/17/2016 7:05:00 PM	198300.000	74.029	17.986	168.735
28723.768	33167.242	20.921	22553.727	34.814
1.015	14.693			
3/17/2016 7:10:00 PM	198600.000	74.032	17.986	168.741
28693.049	33131.641	20.897	22529.516	34.852
1.015	14.692			
3/17/2016 7:15:00 PM	198900.000	74.037	17.986	168.754
28715.936	33158.332	20.915	22547.666	34.824
1.015	14.690			
3/17/2016 7:20:00 PM	199200.000	74.034	17.986	168.747
28725.105	33168.535	20.922	22554.605	34.813
1.015	14.691			
3/17/2016 7:25:00 PM	199500.000	74.042	17.986	168.764
28703.486	33143.820	20.905	22537.801	34.839
1.015	14.692			
3/17/2016 7:30:00 PM	199800.000	74.032	17.986	168.741
28702.354	33142.516	20.904	22536.910	34.840
1.015	14.693			
3/17/2016 7:35:00 PM	200100.000	74.042	17.986	168.764
28702.279	33142.496	20.904	22536.900	34.840
1.015	14.693			
3/17/2016 7:40:00 PM	200400.000	74.043	17.985	168.768
28707.352	33148.547	20.908	22541.014	34.834
1.015	14.692			
3/17/2016 7:45:00 PM	200700.000	74.044	17.986	168.770
28716.117	33158.344	20.915	22547.674	34.824
1.015	14.692			
3/17/2016 7:50:00 PM	201000.000	74.048	17.985	168.779
28713.240	33155.348	20.913	22545.637	34.827
1.015	14.695			
3/17/2016 7:55:00 PM	201300.000	74.049	17.985	168.779
28727.727	33172.203	20.925	22557.098	34.810
1.015	14.699			
3/17/2016 8:00:00 PM	201600.000	74.048	17.986	168.778
28745.047	33191.945	20.939	22570.523	34.789
1.015	14.703			
3/17/2016 8:05:00 PM	201900.000	74.050	17.985	168.782
28689.941	33128.445	20.894	22527.346	34.855
1.015	14.702			
3/17/2016 8:10:00 PM	202200.000	74.052	17.986	168.787
28711.289	33152.832	20.911	22543.926	34.830
1.015	14.702			

3/17/2016 8:15:00 PM	202500.000	74.053	17.986	168.790
28693.023	33131.742	20.897	22529.584	34.852
1.015	14.701			
3/17/2016 8:20:00 PM	202800.000	74.060	17.986	168.806
28711.393	33153.086	20.912	22544.100	34.829
1.015	14.700			
3/17/2016 8:25:00 PM	203100.000	74.063	17.986	168.812
28739.895	33185.863	20.934	22566.387	34.795
1.015	14.700			
3/17/2016 8:30:00 PM	203400.000	74.063	17.986	168.812
28688.230	33126.340	20.893	22525.914	34.858
1.015	14.699			
3/17/2016 8:35:00 PM	203700.000	74.059	17.986	168.804
28674.518	33110.188	20.882	22514.930	34.874
1.014	14.703			
3/17/2016 8:40:00 PM	204000.000	74.061	17.986	168.809
28703.809	33144.328	20.905	22538.143	34.839
1.015	14.706			
3/17/2016 8:45:00 PM	204300.000	74.038	17.986	168.755
28711.193	33152.723	20.911	22543.852	34.830
1.015	14.710			
3/17/2016 8:50:00 PM	204600.000	74.059	17.986	168.803
28725.029	33168.895	20.923	22554.850	34.813
1.015	14.708			
3/17/2016 8:55:00 PM	204900.000	74.067	17.986	168.822
28693.930	33132.789	20.897	22530.299	34.851
1.015	14.706			
3/17/2016 9:00:00 PM	205200.000	74.074	17.986	168.836
28718.250	33160.496	20.917	22549.137	34.821
1.015	14.704			
3/17/2016 9:05:00 PM	205500.000	74.071	17.986	168.830
28726.602	33170.328	20.924	22555.826	34.811
1.015	14.703			
3/17/2016 9:10:00 PM	205800.000	74.071	17.986	168.831
28691.262	33129.840	20.895	22528.291	34.854
1.015	14.703			
3/17/2016 9:15:00 PM	206100.000	74.072	17.986	168.833
28728.268	33172.504	20.925	22557.305	34.809
1.015	14.703			
3/17/2016 9:20:00 PM	206400.000	74.073	17.986	168.835
28712.506	33154.305	20.912	22544.930	34.828
1.015	14.704			
3/17/2016 9:25:00 PM	206700.000	74.074	17.986	168.838
28735.465	33180.621	20.931	22562.824	34.800
1.015	14.706			
3/17/2016 9:30:00 PM	207000.000	74.072	17.986	168.834
28701.475	33141.316	20.903	22536.096	34.841
1.015	14.707			
3/17/2016 9:35:00 PM	207300.000	74.078	17.986	168.846
28710.895	33152.191	20.911	22543.492	34.830
1.015	14.708			
3/17/2016 9:40:00 PM	207600.000	74.077	17.986	168.844
28720.271	33162.887	20.918	22550.764	34.819
1.015	14.709			
3/17/2016 9:45:00 PM	207900.000	74.076	17.986	168.843
28717.023	33159.648	20.916	22548.561	34.823
1.015	14.709			
3/17/2016 9:50:00 PM	208200.000	74.082	17.986	168.856

28737.205	33182.387	20.932	22564.023	34.798
1.015	14.710			
3/17/2016 9:55:00 PM	208500.000	74.081	17.986	168.853
28711.580	33153.301	20.912	22544.244	34.829
1.015	14.711			
3/17/2016 10:00:00 PM	208800.000	74.078	17.986	168.847
28744.266	33190.660	20.938	22569.648	34.790
1.015	14.712			
3/17/2016 10:05:00 PM	209100.000	74.077	17.986	168.844
28686.959	33124.609	20.892	22524.734	34.859
1.015	14.710			
3/17/2016 10:10:00 PM	209400.000	74.083	17.986	168.859
28672.965	33108.262	20.880	22513.621	34.876
1.014	14.708			
3/17/2016 10:15:00 PM	209700.000	74.080	17.986	168.852
28727.785	33171.695	20.924	22556.756	34.810
1.015	14.707			
3/17/2016 10:20:00 PM	210000.000	74.083	17.986	168.859
28708.467	33149.770	20.909	22541.846	34.833
1.015	14.708			
3/17/2016 10:25:00 PM	210300.000	74.064	17.986	168.816
28733.959	33178.758	20.929	22561.557	34.802
1.015	14.709			
3/17/2016 10:30:00 PM	210600.000	74.085	17.986	168.862
28702.717	33143.000	20.905	22537.240	34.840
1.015	14.710			
3/17/2016 10:35:00 PM	210900.000	74.082	17.986	168.855
28699.154	33138.953	20.902	22534.488	34.844
1.015	14.711			
3/17/2016 10:40:00 PM	211200.000	74.080	17.986	168.850
28705.834	33146.031	20.907	22539.301	34.836
1.015	14.713			
3/17/2016 10:45:00 PM	211500.000	74.080	17.986	168.852
28685.910	33123.344	20.891	22523.875	34.860
1.015	14.715			
3/17/2016 10:50:00 PM	211800.000	74.062	17.986	168.810
28676.701	33112.832	20.884	22516.727	34.872
1.014	14.714			
3/17/2016 10:55:00 PM	212100.000	74.058	17.986	168.802
28718.389	33160.969	20.917	22549.459	34.821
1.015	14.713			
3/17/2016 11:00:00 PM	212400.000	74.084	17.986	168.860
28722.150	33165.441	20.920	22552.502	34.816
1.015	14.713			
3/17/2016 11:05:00 PM	212700.000	74.083	17.986	168.857
28748.129	33195.055	20.941	22572.637	34.785
1.015	14.712			
3/17/2016 11:10:00 PM	213000.000	74.086	17.986	168.866
28713.219	33154.617	20.913	22545.141	34.827
1.015	14.711			
3/17/2016 11:15:00 PM	213300.000	74.081	17.986	168.854
28735.045	33180.012	20.930	22562.408	34.801
1.015	14.710			
3/17/2016 11:20:00 PM	213600.000	74.060	17.986	168.805
28705.979	33146.449	20.907	22539.588	34.836
1.015	14.710			
3/17/2016 11:25:00 PM	213900.000	74.081	17.986	168.854
28723.590	33166.906	20.921	22553.498	34.815

1.015	14.710			
3/17/2016 11:30:00 PM	214200.000	74.085	17.986	168.862
28722.367	33165.371	20.920	22552.453	34.816
1.015	14.710			
3/17/2016 11:35:00 PM	214500.000	74.059	17.986	168.802
28728.871	33173.074	20.925	22557.691	34.808
1.015	14.711			
3/17/2016 11:40:00 PM	214800.000	74.074	17.986	168.837
28728.805	33172.996	20.925	22557.639	34.808
1.015	14.712			
3/17/2016 11:45:00 PM	215100.000	74.076	17.986	168.842
28733.480	33178.086	20.929	22561.100	34.803
1.015	14.712			
3/17/2016 11:50:00 PM	215400.000	74.075	17.986	168.839
28706.430	33146.969	20.907	22539.939	34.835
1.015	14.713			
3/17/2016 11:55:00 PM	215700.000	74.075	17.986	168.839
28695.508	33134.480	20.899	22531.449	34.849
1.015	14.714			
3/18/2016 12:00:00 AM	216000.000	74.072	17.986	168.832
28688.762	33126.758	20.893	22526.195	34.857
1.015	14.714			
3/18/2016 12:05:00 AM	216300.000	74.071	17.986	168.831
28703.418	33143.684	20.905	22537.707	34.839
1.015	14.713			
3/18/2016 12:10:00 AM	216600.000	74.073	17.986	168.836
28718.299	33160.609	20.917	22549.215	34.821
1.015	14.713			
3/18/2016 12:15:00 AM	216900.000	74.074	17.986	168.837
28710.291	33151.234	20.910	22542.842	34.831
1.015	14.712			
3/18/2016 12:20:00 AM	217200.000	74.073	17.986	168.835
28713.873	33155.816	20.913	22545.955	34.826
1.015	14.711			
3/18/2016 12:25:00 AM	217500.000	74.072	17.986	168.833
28710.838	33152.059	20.911	22543.402	34.830
1.015	14.709			
3/18/2016 12:30:00 AM	217800.000	74.076	17.986	168.843
28716.662	33158.590	20.915	22547.842	34.823
1.015	14.708			
3/18/2016 12:35:00 AM	218100.000	74.058	17.986	168.802
28716.701	33159.148	20.916	22548.221	34.823
1.015	14.708			
3/18/2016 12:40:00 AM	218400.000	74.055	17.986	168.795
28739.883	33185.664	20.934	22566.254	34.795
1.015	14.707			
3/18/2016 12:45:00 AM	218700.000	74.075	17.986	168.839
28704.266	33144.473	20.906	22538.242	34.838
1.015	14.707			
3/18/2016 12:50:00 AM	219000.000	74.078	17.986	168.846
28718.447	33160.914	20.917	22549.424	34.821
1.015	14.706			
3/18/2016 12:55:00 AM	219300.000	74.075	17.986	168.839
28708.289	33149.184	20.909	22541.447	34.833
1.015	14.705			
3/18/2016 1:00:00 AM	219600.000	74.076	17.986	168.843
28724.203	33167.426	20.922	22553.850	34.814
1.015	14.705			

3/18/2016 1:05:00 AM	219900.000	74.072	17.986	168.833
28703.568	33143.855	20.905	22537.822	34.839
1.015	14.706			
3/18/2016 1:10:00 AM	220200.000	74.072	17.986	168.833
28705.729	33146.227	20.907	22539.434	34.836
1.015	14.708			
3/18/2016 1:15:00 AM	220500.000	74.050	17.986	168.782
28695.982	33134.973	20.899	22531.781	34.848
1.015	14.709			
3/18/2016 1:20:00 AM	220800.000	74.069	17.986	168.825
28704.697	33144.848	20.906	22538.498	34.838
1.015	14.709			
3/18/2016 1:25:00 AM	221100.000	74.052	17.986	168.786
28699.893	33139.543	20.902	22534.889	34.843
1.015	14.708			
3/18/2016 1:30:00 AM	221400.000	74.067	17.986	168.821
28712.188	33153.617	20.912	22544.461	34.828
1.015	14.708			
3/18/2016 1:35:00 AM	221700.000	74.065	17.986	168.817
28691.520	33129.754	20.895	22528.232	34.854
1.015	14.707			
3/18/2016 1:40:00 AM	222000.000	74.073	17.986	168.835
28699.479	33139.328	20.902	22534.744	34.844
1.015	14.706			
3/18/2016 1:45:00 AM	222300.000	74.067	17.986	168.821
28698.975	33138.613	20.902	22534.260	34.844
1.015	14.705			
3/18/2016 1:50:00 AM	222600.000	74.045	17.986	168.771
28716.760	33159.285	20.916	22548.314	34.823
1.015	14.706			
3/18/2016 1:55:00 AM	222900.000	74.063	17.986	168.812
28700.449	33140.512	20.903	22535.549	34.843
1.015	14.708			
3/18/2016 2:00:00 AM	223200.000	74.060	17.986	168.805
28700.479	33140.414	20.903	22535.484	34.843
1.015	14.709			
3/18/2016 2:05:00 AM	223500.000	74.061	17.986	168.807
28681.377	33118.109	20.887	22520.314	34.866
1.015	14.710			
3/18/2016 2:10:00 AM	223800.000	74.057	17.986	168.799
28714.979	33156.719	20.914	22546.570	34.825
1.015	14.710			
3/18/2016 2:15:00 AM	224100.000	74.058	17.986	168.802
28685.340	33122.934	20.891	22523.598	34.861
1.015	14.710			
3/18/2016 2:20:00 AM	224400.000	74.060	17.986	168.806
28703.256	33143.555	20.905	22537.619	34.839
1.015	14.708			
3/18/2016 2:25:00 AM	224700.000	74.062	17.986	168.810
28671.730	33107.152	20.880	22512.865	34.878
1.014	14.706			
3/18/2016 2:30:00 AM	225000.000	74.040	17.986	168.760
28714.758	33156.652	20.914	22546.523	34.825
1.015	14.703			
3/18/2016 2:35:00 AM	225300.000	74.057	17.986	168.800
28673.646	33109.117	20.881	22514.201	34.875
1.014	14.704			
3/18/2016 2:40:00 AM	225600.000	74.063	17.986	168.812

28690.875	33129.395	20.895	22527.988	34.854
1.015	14.705			
3/18/2016 2:45:00 AM	225900.000	74.064	17.986	168.815
28718.158	33160.578	20.917	22549.195	34.821
1.015	14.706			
3/18/2016 2:50:00 AM	226200.000	74.045	17.986	168.771
28721.412	33164.586	20.920	22551.920	34.817
1.015	14.706			
3/18/2016 2:55:00 AM	226500.000	74.059	17.986	168.804
28709.744	33151.184	20.910	22542.807	34.831
1.015	14.706			
3/18/2016 3:00:00 AM	226800.000	74.062	17.986	168.810
28713.588	33155.488	20.913	22545.734	34.827
1.015	14.705			
3/18/2016 3:05:00 AM	227100.000	74.042	17.986	168.766
28710.506	33151.742	20.911	22543.186	34.830
1.015	14.705			
3/18/2016 3:10:00 AM	227400.000	74.040	17.986	168.759
28700.477	33140.285	20.903	22535.395	34.843
1.015	14.704			
3/18/2016 3:15:00 AM	227700.000	74.062	17.986	168.810
28696.123	33135.070	20.899	22531.850	34.848
1.015	14.704			
3/18/2016 3:20:00 AM	228000.000	74.060	17.986	168.804
28694.521	33133.605	20.898	22530.854	34.850
1.015	14.704			
3/18/2016 3:25:00 AM	228300.000	74.064	17.986	168.814
28718.477	33161.199	20.917	22549.615	34.821
1.015	14.705			
3/18/2016 3:30:00 AM	228600.000	74.059	17.986	168.804
28700.705	33140.426	20.903	22535.492	34.842
1.015	14.705			
3/18/2016 3:35:00 AM	228900.000	74.059	17.986	168.803
28688.539	33126.629	20.893	22526.107	34.857
1.015	14.704			
3/18/2016 3:40:00 AM	229200.000	74.062	17.986	168.810
28705.523	33146.113	20.907	22539.357	34.837
1.015	14.704			
3/18/2016 3:45:00 AM	229500.000	74.065	17.986	168.817
28728.986	33173.082	20.925	22557.697	34.808
1.015	14.703			
3/18/2016 3:50:00 AM	229800.000	74.044	17.986	168.769
28711.506	33152.898	20.911	22543.973	34.829
1.015	14.701			
3/18/2016 3:55:00 AM	230100.000	74.062	17.986	168.811
28707.771	33148.586	20.908	22541.041	34.834
1.015	14.699			
3/18/2016 4:00:00 AM	230400.000	74.052	17.986	168.786
28695.092	33134.129	20.898	22531.209	34.849
1.015	14.697			
3/18/2016 4:05:00 AM	230700.000	74.067	17.986	168.823
28735.996	33181.109	20.931	22563.156	34.800
1.015	14.699			
3/18/2016 4:10:00 AM	231000.000	74.071	17.986	168.831
28716.445	33158.852	20.916	22548.021	34.823
1.015	14.700			
3/18/2016 4:15:00 AM	231300.000	74.070	17.986	168.827
28685.578	33123.145	20.891	22523.738	34.861

1.015	14.702			
3/18/2016 4:20:00 AM	231600.000	74.048	17.986	168.778
28715.254	33157.410	20.915	22547.041	34.825
1.015	14.700			
3/18/2016 4:25:00 AM	231900.000	74.076	17.986	168.841
28720.328	33163.207	20.919	22550.982	34.819
1.015	14.698			
3/18/2016 4:30:00 AM	232200.000	74.075	17.986	168.839
28704.102	33144.531	20.906	22538.283	34.838
1.015	14.696			
3/18/2016 4:35:00 AM	232500.000	74.075	17.986	168.840
28705.688	33146.559	20.907	22539.662	34.836
1.015	14.699			
3/18/2016 4:40:00 AM	232800.000	74.059	17.986	168.802
28699.609	33138.973	20.902	22534.504	34.844
1.015	14.701			
3/18/2016 4:45:00 AM	233100.000	74.071	17.986	168.830
28733.289	33177.984	20.929	22561.029	34.803
1.015	14.704			
3/18/2016 4:50:00 AM	233400.000	74.076	17.986	168.843
28730.422	33175.059	20.927	22559.041	34.806
1.015	14.701			
3/18/2016 4:55:00 AM	233700.000	74.084	17.986	168.860
28703.098	33143.121	20.905	22537.322	34.839
1.015	14.698			
3/18/2016 5:00:00 AM	234000.000	74.067	17.986	168.822
28685.688	33123.086	20.891	22523.701	34.861
1.015	14.694			
3/18/2016 5:05:00 AM	234300.000	74.083	17.986	168.858
28716.303	33158.438	20.915	22547.738	34.823
1.015	14.701			
3/18/2016 5:10:00 AM	234600.000	74.082	17.986	168.855
28677.105	33113.043	20.884	22516.871	34.871
1.014	14.707			
3/18/2016 5:15:00 AM	234900.000	74.077	17.986	168.845
28711.275	33152.500	20.911	22543.703	34.830
1.015	14.713			
3/18/2016 5:20:00 AM	235200.000	74.085	17.986	168.863
28690.939	33129.273	20.895	22527.906	34.854
1.015	14.708			
3/18/2016 5:25:00 AM	235500.000	74.069	17.986	168.826
28697.469	33136.746	20.900	22532.990	34.846
1.015	14.704			
3/18/2016 5:30:00 AM	235800.000	74.098	17.986	168.892
28690.826	33128.703	20.895	22527.520	34.854
1.015	14.700			
3/18/2016 5:35:00 AM	236100.000	74.076	17.986	168.843
28687.623	33125.059	20.892	22525.041	34.858
1.015	14.702			
3/18/2016 5:40:00 AM	236400.000	74.098	17.986	168.892
28702.723	33142.813	20.904	22537.115	34.840
1.015	14.704			
3/18/2016 5:45:00 AM	236700.000	74.098	17.986	168.891
28721.631	33164.773	20.920	22552.047	34.817
1.015	14.706			
3/18/2016 5:50:00 AM	237000.000	74.097	17.986	168.890
28733.025	33177.805	20.929	22560.910	34.803
1.015	14.707			



3/18/2016 5:55:00 AM	237300.000	74.098	17.986	168.891
28694.988	33133.758	20.898	22530.957	34.849
1.015	14.708			
3/18/2016 6:00:00 AM	237600.000	74.082	17.986	168.855
28711.563	33153.086	20.912	22544.100	34.829
1.015	14.709			
3/18/2016 6:05:00 AM	237900.000	74.101	17.986	168.899
28750.270	33197.590	20.942	22574.361	34.782
1.015	14.710			
3/18/2016 6:10:00 AM	238200.000	74.106	17.986	168.910
28739.869	33185.648	20.934	22566.242	34.795
1.015	14.711			
3/18/2016 6:15:00 AM	238500.000	74.088	17.987	168.869
28700.373	33139.590	20.902	22534.924	34.843
1.015	14.712			
3/18/2016 6:20:00 AM	238800.000	74.105	17.986	168.909
28719.420	33161.777	20.918	22550.010	34.820
1.015	14.713			
3/18/2016 6:25:00 AM	239100.000	74.107	17.986	168.913
28732.078	33176.777	20.928	22560.209	34.804
1.015	14.713			
3/18/2016 6:30:00 AM	239400.000	74.108	17.986	168.914
28729.982	33174.289	20.926	22558.520	34.807
1.015	14.714			
3/18/2016 6:35:00 AM	239700.000	74.114	17.986	168.928
28718.441	33160.645	20.917	22549.240	34.821
1.015	14.714			
3/18/2016 6:40:00 AM	240000.000	74.092	17.986	168.879
28704.762	33144.977	20.906	22538.586	34.837
1.015	14.714			
3/18/2016 6:45:00 AM	240300.000	74.116	17.986	168.932
28703.820	33143.836	20.905	22537.809	34.839
1.015	14.714			
3/18/2016 6:50:00 AM	240600.000	74.119	17.986	168.940
28725.271	33168.531	20.922	22554.604	34.813
1.015	14.715			
3/18/2016 6:55:00 AM	240900.000	74.118	17.986	168.938
28713.107	33154.805	20.913	22545.270	34.827
1.015	14.715			
3/18/2016 7:00:00 AM	241200.000	74.119	17.986	168.940
28722.410	33165.422	20.920	22552.488	34.816
1.015	14.715			
3/18/2016 7:05:00 AM	241500.000	74.119	17.986	168.940
28723.881	33167.000	20.921	22553.563	34.814
1.015	14.716			
3/18/2016 7:10:00 AM	241800.000	74.123	17.986	168.949
28720.582	33163.379	20.919	22551.098	34.818
1.015	14.717			
3/18/2016 7:15:00 AM	242100.000	74.127	17.986	168.958
28692.408	33130.660	20.896	22528.850	34.852
1.015	14.717			
3/18/2016 7:20:00 AM	242400.000	74.122	17.986	168.946
28721.570	33164.574	20.920	22551.910	34.817
1.015	14.720			
3/18/2016 7:25:00 AM	242700.000	74.125	17.986	168.955
28695.393	33134.105	20.898	22531.193	34.849
1.015	14.723			
3/18/2016 7:30:00 AM	243000.000	74.123	17.986	168.950

28710.426	33151.391	20.910	22542.945	34.831
1.015	14.725			
3/18/2016 7:35:00 AM	243300.000	74.130	17.986	168.966
28716.146	33158.070	20.915	22547.488	34.824
1.015	14.723			
3/18/2016 7:40:00 AM	243600.000	74.135	17.986	168.976
28732.057	33176.309	20.928	22559.891	34.804
1.015	14.721			
3/18/2016 7:45:00 AM	243900.000	74.135	17.986	168.977
28727.525	33171.395	20.924	22556.549	34.810
1.015	14.719			
3/18/2016 7:50:00 AM	244200.000	74.141	17.986	168.990
28709.330	33150.387	20.910	22542.266	34.832
1.015	14.719			
3/18/2016 7:55:00 AM	244500.000	74.139	17.986	168.986
28714.783	33156.422	20.914	22546.367	34.825
1.015	14.720			
3/18/2016 8:00:00 AM	244800.000	74.136	17.987	168.978
28718.770	33160.773	20.917	22549.328	34.820
1.015	14.720			
3/18/2016 8:05:00 AM	245100.000	74.146	17.986	169.002
28710.662	33152.047	20.911	22543.395	34.830
1.015	14.720			
3/18/2016 8:10:00 AM	245400.000	74.145	17.986	168.999
28716.293	33158.109	20.915	22547.514	34.823
1.015	14.720			
3/18/2016 8:15:00 AM	245700.000	74.128	17.986	168.961
28716.117	33158.035	20.915	22547.467	34.824
1.015	14.720			
3/18/2016 8:20:00 AM	246000.000	74.126	17.987	168.955
28710.141	33150.871	20.910	22542.594	34.831
1.015	14.721			
3/18/2016 8:25:00 AM	246300.000	74.147	17.986	169.005
28703.199	33143.047	20.905	22537.273	34.839
1.015	14.721			
3/18/2016 8:30:00 AM	246600.000	74.127	17.986	168.958
28691.891	33130.063	20.896	22528.443	34.853
1.015	14.721			
3/18/2016 8:35:00 AM	246900.000	74.147	17.986	169.004
28726.986	33170.586	20.924	22556.000	34.810
1.015	14.725			
3/18/2016 8:40:00 AM	247200.000	74.123	17.986	168.950
28715.727	33157.512	20.915	22547.107	34.824
1.015	14.729			
3/18/2016 8:45:00 AM	247500.000	74.142	17.986	168.993
28720.949	33163.801	20.919	22551.387	34.818
1.015	14.733			
3/18/2016 8:50:00 AM	247800.000	74.143	17.987	168.995
28712.613	33153.723	20.912	22544.533	34.828
1.015	14.732			
3/18/2016 8:55:00 AM	248100.000	74.146	17.986	169.001
28708.848	33149.512	20.909	22541.670	34.832
1.015	14.731			
3/18/2016 9:00:00 AM	248400.000	74.097	17.986	168.891
28720.684	33163.234	20.919	22551.000	34.818
1.015	14.730			
3/18/2016 9:05:00 AM	248700.000	74.099	17.986	168.893
28705.613	33145.906	20.907	22539.217	34.836

1.015	14.732			
3/18/2016 9:10:00 AM	249000.000	74.103	17.986	168.903
28701.154	33141.000	20.903	22535.881	34.842
1.015	14.733			
3/18/2016 9:15:00 AM	249300.000	74.106	17.986	168.911
28694.779	33133.707	20.898	22530.924	34.850
1.015	14.734			
3/18/2016 9:20:00 AM	249600.000	74.085	17.986	168.862
28700.670	33140.508	20.903	22535.545	34.842
1.015	14.734			
3/18/2016 9:25:00 AM	249900.000	74.102	17.986	168.902
28703.471	33143.555	20.905	22537.619	34.839
1.015	14.733			
3/18/2016 9:30:00 AM	250200.000	74.102	17.986	168.902
28715.682	33157.719	20.915	22547.248	34.824
1.015	14.732			
3/18/2016 9:35:00 AM	250500.000	74.099	17.986	168.893
28706.189	33146.441	20.907	22539.582	34.836
1.015	14.732			
3/18/2016 9:40:00 AM	250800.000	74.102	17.986	168.901
28716.898	33159.059	20.916	22548.160	34.823
1.015	14.733			
3/18/2016 9:45:00 AM	251100.000	74.102	17.986	168.901
28717.215	33159.301	20.916	22548.324	34.822
1.015	14.733			
3/18/2016 9:50:00 AM	251400.000	74.100	17.986	168.897
28727.371	33171.031	20.924	22556.301	34.810
1.015	14.734			
3/18/2016 9:55:00 AM	251700.000	74.101	17.986	168.900
28742.787	33188.758	20.936	22568.357	34.791
1.015	14.734			
3/18/2016 10:00:00 AM	252000.000	74.098	17.986	168.893
28708.031	33148.941	20.909	22541.283	34.833
1.015	14.735			
3/18/2016 10:05:00 AM	252300.000	74.101	17.986	168.900
28664.834	33099.063	20.874	22507.365	34.886
1.014	14.738			
3/18/2016 10:10:00 AM	252600.000	74.093	17.986	168.880
28717.250	33159.531	20.916	22548.482	34.822
1.015	14.741			
3/18/2016 10:15:00 AM	252900.000	74.092	17.986	168.878
28672.570	33107.809	20.880	22513.311	34.877
1.014	14.744			
3/18/2016 10:20:00 AM	253200.000	74.089	17.986	168.872
28712.844	33154.254	20.912	22544.893	34.828
1.015	14.742			
3/18/2016 10:25:00 AM	253500.000	74.091	17.986	168.877
28688.828	33126.711	20.893	22526.164	34.857
1.015	14.741			
3/18/2016 10:30:00 AM	253800.000	74.095	17.986	168.884
28706.205	33146.645	20.907	22539.721	34.836
1.015	14.739			
3/18/2016 10:35:00 AM	254100.000	74.095	17.986	168.886
28709.246	33150.289	20.910	22542.197	34.832
1.015	14.741			
3/18/2016 10:40:00 AM	254400.000	74.083	17.986	168.858
28682.268	33118.949	20.888	22520.885	34.865
1.015	14.743			

3/18/2016 10:45:00 AM	254700.000	74.084	17.986	168.859
28691.412	33129.563	20.895	22528.105	34.854
1.015	14.746			
3/18/2016 10:50:00 AM	255000.000	74.086	17.986	168.864
28725.410	33169.074	20.923	22554.973	34.812
1.015	14.744			
3/18/2016 10:55:00 AM	255300.000	74.064	17.986	168.815
28727.834	33171.875	20.925	22556.875	34.809
1.015	14.742			
3/18/2016 11:00:00 AM	255600.000	74.085	17.986	168.863
28714.438	33156.406	20.914	22546.357	34.826
1.015	14.740			
3/18/2016 11:05:00 AM	255900.000	74.083	17.986	168.858
28679.434	33115.676	20.886	22518.662	34.868
1.015	14.740			
3/18/2016 11:10:00 AM	256200.000	74.061	17.986	168.809
28719.447	33162.387	20.918	22550.424	34.820
1.015	14.739			
3/18/2016 11:15:00 AM	256500.000	74.087	17.986	168.866
28722.256	33165.180	20.920	22552.322	34.816
1.015	14.739			
3/18/2016 11:20:00 AM	256800.000	74.079	17.986	168.849
28701.215	33140.828	20.903	22535.766	34.842
1.015	14.741			
3/18/2016 11:25:00 AM	257100.000	74.075	17.986	168.840
28712.068	33153.605	20.912	22544.453	34.829
1.015	14.743			
3/18/2016 11:30:00 AM	257400.000	74.067	17.986	168.822
28711.289	33152.328	20.911	22543.584	34.830
1.015	14.745			
3/18/2016 11:35:00 AM	257700.000	74.066	17.986	168.818
28740.793	33186.582	20.935	22566.877	34.794
1.015	14.746			
3/18/2016 11:40:00 AM	258000.000	74.066	17.986	168.820
28722.760	33166.016	20.921	22552.891	34.816
1.015	14.747			
3/18/2016 11:45:00 AM	258300.000	74.058	17.986	168.801
28705.240	33145.785	20.906	22539.135	34.837
1.015	14.748			
3/18/2016 11:50:00 AM	258600.000	74.055	17.986	168.795
28717.027	33159.273	20.916	22548.307	34.823
1.015	14.749			
3/18/2016 11:55:00 AM	258900.000	74.053	17.986	168.790
28699.107	33138.449	20.901	22534.146	34.844
1.015	14.750			
3/18/2016 12:00:00 PM	259200.000	74.050	17.987	168.782
28708.121	33148.602	20.908	22541.051	34.833
1.015	14.751			
3/18/2016 12:05:00 PM	259500.000	74.051	17.986	168.784
28730.953	33175.219	20.927	22559.148	34.806
1.015	14.750			
3/18/2016 12:10:00 PM	259800.000	74.042	17.986	168.765
28701.086	33140.988	20.903	22535.873	34.842
1.015	14.749			
3/18/2016 12:15:00 PM	260100.000	74.020	17.986	168.714
28680.160	33116.637	20.886	22519.314	34.867
1.015	14.749			
3/18/2016 12:20:00 PM	260400.000	74.042	17.986	168.764

28713.000	33154.809	20.913	22545.271	34.827
1.015	14.748			
3/18/2016 12:25:00 PM	260700.000	74.034	17.986	168.747
28731.410	33175.695	20.927	22559.473	34.805
1.015	14.748			
3/18/2016 12:30:00 PM	261000.000	74.035	17.986	168.749
28692.064	33130.504	20.896	22528.744	34.853
1.015	14.748			
3/18/2016 12:35:00 PM	261300.000	74.030	17.986	168.736
28705.092	33145.492	20.906	22538.938	34.837
1.015	14.749			
3/18/2016 12:40:00 PM	261600.000	74.027	17.986	168.730
28716.553	33158.977	20.916	22548.105	34.823
1.015	14.751			
3/18/2016 12:45:00 PM	261900.000	74.018	17.986	168.710
28670.299	33105.500	20.879	22511.742	34.879
1.014	14.753			
3/18/2016 12:50:00 PM	262200.000	74.021	17.986	168.716
28714.693	33156.637	20.914	22546.514	34.825
1.015	14.751			
3/18/2016 12:55:00 PM	262500.000	73.999	17.986	168.666
28714.600	33156.527	20.914	22546.439	34.825
1.015	14.750			
3/18/2016 1:00:00 PM	262800.000	73.997	17.986	168.663
28686.760	33124.379	20.892	22524.580	34.859
1.015	14.749			
3/18/2016 1:05:00 PM	263100.000	74.015	17.986	168.703
28701.988	33141.906	20.904	22536.498	34.841
1.015	14.746			
3/18/2016 1:10:00 PM	263400.000	74.012	17.986	168.697
28718.166	33160.645	20.917	22549.240	34.821
1.015	14.744			
3/18/2016 1:15:00 PM	263700.000	73.990	17.986	168.646
28700.734	33140.395	20.903	22535.469	34.842
1.015	14.742			
3/18/2016 1:20:00 PM	264000.000	74.009	17.986	168.690
28731.363	33176.012	20.927	22559.689	34.805
1.015	14.744			
3/18/2016 1:25:00 PM	264300.000	74.005	17.986	168.681
28713.520	33155.605	20.913	22545.814	34.827
1.015	14.745			
3/18/2016 1:30:00 PM	264600.000	73.994	17.986	168.655
28711.859	33153.430	20.912	22544.332	34.829
1.015	14.746			
3/18/2016 1:35:00 PM	264900.000	73.986	17.986	168.637
28731.840	33176.379	20.928	22559.938	34.805
1.015	14.746			
3/18/2016 1:40:00 PM	265200.000	73.972	17.986	168.605
28718.609	33161.285	20.917	22549.676	34.821
1.015	14.746			
3/18/2016 1:45:00 PM	265500.000	73.989	17.985	168.643
28731.520	33176.453	20.928	22559.990	34.805
1.015	14.745			
3/18/2016 1:50:00 PM	265800.000	73.985	17.986	168.636
28709.568	33150.785	20.910	22542.533	34.832
1.015	14.741			
3/18/2016 1:55:00 PM	266100.000	73.985	17.986	168.635
28696.719	33135.563	20.899	22532.186	34.847

1.015	14.738			
3/18/2016 2:00:00 PM	266400.000	73.985	17.985	168.634
28709.143	33150.617	20.910	22542.422	34.832
1.015	14.734			
3/18/2016 2:05:00 PM	266700.000	73.962	17.986	168.582
28704.340	33144.809	20.906	22538.471	34.838
1.015	14.735			
3/18/2016 2:10:00 PM	267000.000	73.975	17.986	168.612
28708.348	33149.184	20.909	22541.447	34.833
1.015	14.737			
3/18/2016 2:15:00 PM	267300.000	73.967	17.986	168.594
28701.881	33142.102	20.904	22536.631	34.841
1.015	14.739			
3/18/2016 2:20:00 PM	267600.000	73.967	17.985	168.593
28704.598	33145.559	20.906	22538.982	34.838
1.015	14.738			
3/18/2016 2:25:00 PM	267900.000	73.962	17.985	168.582
28698.854	33138.734	20.902	22534.342	34.845
1.015	14.737			
3/18/2016 2:30:00 PM	268200.000	73.958	17.986	168.574
28688.193	33126.164	20.893	22525.791	34.858
1.015	14.737			
3/18/2016 2:35:00 PM	268500.000	73.960	17.986	168.577
28728.955	33173.102	20.925	22557.711	34.808
1.015	14.736			
3/18/2016 2:40:00 PM	268800.000	73.955	17.986	168.567
28683.256	33120.211	20.889	22521.746	34.864
1.015	14.735			
3/18/2016 2:45:00 PM	269100.000	73.947	17.986	168.548
28723.477	33166.844	20.921	22553.453	34.815
1.015	14.735			
3/18/2016 2:50:00 PM	269400.000	73.927	17.986	168.502
28696.645	33135.988	20.900	22532.475	34.847
1.015	14.733			
3/18/2016 2:55:00 PM	269700.000	73.947	17.986	168.548
28699.709	33139.461	20.902	22534.836	34.844
1.015	14.732			
3/18/2016 3:00:00 PM	270000.000	73.950	17.986	168.554
28751.184	33198.836	20.943	22575.211	34.781
1.015	14.731			
3/18/2016 3:05:00 PM	270300.000	73.946	17.986	168.546
28713.553	33155.512	20.913	22545.750	34.827
1.015	14.729			
3/18/2016 3:10:00 PM	270600.000	73.945	17.985	168.544
28699.084	33139.000	20.902	22534.521	34.844
1.015	14.727			
3/18/2016 3:15:00 PM	270900.000	73.924	17.986	168.497
28738.795	33184.789	20.934	22565.656	34.796
1.015	14.726			
3/18/2016 3:20:00 PM	271200.000	73.944	17.986	168.542
28706.930	33147.863	20.908	22540.549	34.835
1.015	14.726			
3/18/2016 3:25:00 PM	271500.000	73.942	17.985	168.536
28714.461	33156.824	20.914	22546.643	34.826
1.015	14.726			
3/18/2016 3:30:00 PM	271800.000	73.946	17.986	168.545
28697.402	33136.668	20.900	22532.934	34.846
1.015	14.726			

3/18/2016 3:35:00 PM	272100.000	73.920	17.985	168.486
28691.957	33130.898	20.896	22529.012	34.853
1.015	14.725			
3/18/2016 3:40:00 PM	272400.000	73.937	17.985	168.526
28711.895	33153.793	20.912	22544.580	34.829
1.015	14.725			
3/18/2016 3:45:00 PM	272700.000	73.936	17.985	168.523
28724.188	33168.117	20.922	22554.320	34.814
1.015	14.725			
3/18/2016 3:50:00 PM	273000.000	73.931	17.986	168.512
28696.951	33136.473	20.900	22532.803	34.847
1.015	14.724			
3/18/2016 3:55:00 PM	273300.000	73.913	17.986	168.470
28711.545	33152.941	20.911	22544.000	34.829
1.015	14.723			
3/18/2016 4:00:00 PM	273600.000	73.914	17.986	168.473
28716.412	33158.746	20.915	22547.949	34.823
1.015	14.722			
3/18/2016 4:05:00 PM	273900.000	73.931	17.986	168.513
28718.221	33160.969	20.917	22549.459	34.821
1.015	14.723			
3/18/2016 4:10:00 PM	274200.000	73.925	17.985	168.497
28710.027	33151.707	20.911	22543.162	34.831
1.015	14.725			
3/18/2016 4:15:00 PM	274500.000	73.922	17.985	168.492
28702.844	33143.344	20.905	22537.477	34.840
1.015	14.726			
3/18/2016 4:20:00 PM	274800.000	73.922	17.985	168.492
28697.633	33137.645	20.901	22533.598	34.846
1.015	14.728			
3/18/2016 4:25:00 PM	275100.000	73.921	17.985	168.488
28701.645	33142.086	20.904	22536.621	34.841
1.015	14.729			
3/18/2016 4:30:00 PM	275400.000	73.919	17.985	168.483
28705.721	33146.793	20.907	22539.822	34.836
1.015	14.731			
3/18/2016 4:35:00 PM	275700.000	73.920	17.986	168.487
28726.430	33170.449	20.924	22555.908	34.811
1.015	14.727			
3/18/2016 4:40:00 PM	276000.000	73.924	17.986	168.496
28699.473	33139.254	20.902	22534.695	34.844
1.015	14.724			
3/18/2016 4:45:00 PM	276300.000	73.926	17.985	168.501
28711.852	33153.871	20.912	22544.635	34.829
1.015	14.720			
3/18/2016 4:50:00 PM	276600.000	73.924	17.986	168.496
28705.863	33146.703	20.907	22539.758	34.836
1.015	14.723			
3/18/2016 4:55:00 PM	276900.000	73.927	17.985	168.502
28712.355	33154.395	20.912	22544.988	34.828
1.015	14.725			
3/18/2016 5:00:00 PM	277200.000	73.918	17.985	168.482
28708.072	33149.449	20.909	22541.625	34.833
1.015	14.728			
3/18/2016 5:05:00 PM	277500.000	73.923	17.985	168.493
28709.141	33150.613	20.910	22542.420	34.832
1.015	14.726			
3/18/2016 5:10:00 PM	277800.000	73.923	17.986	168.494

28710.563	33151.992	20.911	22543.355	34.830
1.015	14.724			
3/18/2016 5:15:00 PM	278100.000	73.928	17.986	168.505
28692.691	33131.555	20.897	22529.459	34.852
1.015	14.722			
3/18/2016 5:20:00 PM	278400.000	73.923	17.986	168.494
28756.240	33204.871	20.947	22579.313	34.775
1.015	14.725			
3/18/2016 5:25:00 PM	278700.000	73.898	17.985	168.435
28718.408	33161.570	20.917	22549.867	34.821
1.015	14.729			
3/18/2016 5:30:00 PM	279000.000	73.922	17.986	168.492
28713.641	33155.484	20.913	22545.730	34.827
1.015	14.732			
3/18/2016 5:35:00 PM	279300.000	73.925	17.986	168.497
28719.242	33162.082	20.918	22550.219	34.820
1.015	14.729			
3/18/2016 5:40:00 PM	279600.000	73.904	17.985	168.451
28728.350	33172.793	20.925	22557.500	34.809
1.015	14.726			
3/18/2016 5:45:00 PM	279900.000	73.927	17.985	168.503
28711.855	33153.750	20.912	22544.553	34.829
1.015	14.723			
3/18/2016 5:50:00 PM	280200.000	73.933	17.986	168.517
28719.850	33162.781	20.918	22550.691	34.819
1.015	14.723			
3/18/2016 5:55:00 PM	280500.000	73.915	17.986	168.476
28720.021	33162.980	20.918	22550.826	34.819
1.015	14.724			
3/18/2016 6:00:00 PM	280800.000	73.933	17.985	168.516
28729.400	33174.008	20.926	22558.326	34.808
1.015	14.725			
3/18/2016 6:05:00 PM	281100.000	73.933	17.986	168.515
28714.098	33156.211	20.914	22546.227	34.826
1.015	14.727			
3/18/2016 6:10:00 PM	281400.000	73.933	17.986	168.516
28687.006	33124.793	20.892	22524.861	34.859
1.015	14.728			
3/18/2016 6:15:00 PM	281700.000	73.933	17.985	168.516
28707.090	33148.313	20.908	22540.855	34.835
1.015	14.729			
3/18/2016 6:20:00 PM	282000.000	73.937	17.986	168.526
28718.305	33161.129	20.917	22549.570	34.821
1.015	14.731			
3/18/2016 6:25:00 PM	282300.000	73.936	17.986	168.522
28694.162	33133.250	20.898	22530.611	34.850
1.015	14.732			
3/18/2016 6:30:00 PM	282600.000	73.935	17.985	168.520
28706.713	33148.129	20.908	22540.730	34.835
1.015	14.733			
3/18/2016 6:35:00 PM	282900.000	73.932	17.986	168.515
28708.283	33149.301	20.909	22541.527	34.833
1.015	14.732			
3/18/2016 6:40:00 PM	283200.000	73.940	17.986	168.531
28691.977	33130.668	20.896	22528.854	34.853
1.015	14.732			
3/18/2016 6:45:00 PM	283500.000	73.942	17.986	168.537
28718.355	33161.059	20.917	22549.520	34.821



1.015	14.732			
3/18/2016 6:50:00 PM	283800.000	73.941	17.986	168.533
28726.135	33169.973	20.923	22555.584	34.812
1.015	14.731			
3/18/2016 6:55:00 PM	284100.000	73.928	17.986	168.504
28748.758	33196.293	20.942	22573.479	34.784
1.015	14.730			
3/18/2016 7:00:00 PM	284400.000	73.952	17.985	168.559
28706.352	33147.395	20.908	22540.230	34.835
1.015	14.729			
3/18/2016 7:05:00 PM	284700.000	73.952	17.986	168.559
28719.676	33162.652	20.918	22550.604	34.819
1.015	14.730			
3/18/2016 7:10:00 PM	285000.000	73.951	17.986	168.558
28698.238	33137.898	20.901	22533.773	34.845
1.015	14.730			
3/18/2016 7:15:00 PM	285300.000	73.954	17.986	168.564
28729.746	33174.145	20.926	22558.418	34.807
1.015	14.730			
3/18/2016 7:20:00 PM	285600.000	73.956	17.985	168.568
28717.957	33160.793	20.917	22549.342	34.821
1.015	14.732			
3/18/2016 7:25:00 PM	285900.000	73.956	17.985	168.568
28693.924	33133.172	20.898	22530.559	34.851
1.015	14.733			
3/18/2016 7:30:00 PM	286200.000	73.956	17.985	168.569
28722.912	33166.645	20.921	22553.320	34.815
1.015	14.735			
3/18/2016 7:35:00 PM	286500.000	73.959	17.985	168.575
28737.611	33183.746	20.933	22564.949	34.798
1.015	14.736			
3/18/2016 7:40:00 PM	286800.000	73.962	17.986	168.582
28704.650	33145.301	20.906	22538.805	34.838
1.015	14.737			
3/18/2016 7:45:00 PM	287100.000	73.959	17.986	168.576
28718.875	33161.531	20.917	22549.844	34.820
1.015	14.738			
3/18/2016 7:50:00 PM	287400.000	73.964	17.986	168.586
28699.859	33139.770	20.902	22535.043	34.843
1.015	14.736			
3/18/2016 7:55:00 PM	287700.000	73.970	17.986	168.600
28724.453	33168.031	20.922	22554.262	34.814
1.015	14.735			
3/18/2016 8:00:00 PM	288000.000	73.968	17.986	168.597
28722.150	33165.441	20.920	22552.502	34.816
1.015	14.733			
3/18/2016 8:05:00 PM	288300.000	73.972	17.985	168.605
28712.645	33154.660	20.913	22545.172	34.828
1.015	14.736			
3/18/2016 8:10:00 PM	288600.000	73.968	17.985	168.596
28759.416	33208.668	20.950	22581.896	34.771
1.015	14.738			
3/18/2016 8:15:00 PM	288900.000	73.974	17.985	168.610
28680.172	33117.164	20.887	22519.672	34.867
1.015	14.740			
3/18/2016 8:20:00 PM	289200.000	73.975	17.985	168.612
28714.100	33156.594	20.914	22546.486	34.826
1.015	14.739			

3/18/2016 8:25:00 PM	289500.000	73.983	17.986	168.630
28708.414	33149.383	20.909	22541.580	34.833
1.015	14.738			
3/18/2016 8:30:00 PM	289800.000	73.965	17.986	168.590
28712.793	33154.508	20.913	22545.066	34.828
1.015	14.736			
3/18/2016 8:35:00 PM	290100.000	73.991	17.985	168.648
28718.254	33161.207	20.917	22549.621	34.821
1.015	14.736			
3/18/2016 8:40:00 PM	290400.000	73.993	17.986	168.653
28684.402	33121.980	20.890	22522.949	34.862
1.015	14.735			
3/18/2016 8:45:00 PM	290700.000	73.975	17.986	168.611
28711.092	33152.738	20.911	22543.863	34.830
1.015	14.735			
3/18/2016 8:50:00 PM	291000.000	73.972	17.986	168.606
28719.270	33162.242	20.918	22550.326	34.820
1.015	14.738			
3/18/2016 8:55:00 PM	291300.000	73.994	17.986	168.656
28714.418	33156.578	20.914	22546.475	34.826
1.015	14.740			
3/18/2016 9:00:00 PM	291600.000	73.970	17.986	168.600
28693.012	33131.664	20.897	22529.531	34.852
1.015	14.743			
3/18/2016 9:05:00 PM	291900.000	73.996	17.985	168.660
28737.531	33183.465	20.933	22564.756	34.798
1.015	14.742			
3/18/2016 9:10:00 PM	292200.000	73.977	17.986	168.616
28720.695	33163.828	20.919	22551.404	34.818
1.015	14.741			
3/18/2016 9:15:00 PM	292500.000	73.979	17.986	168.620
28731.346	33175.992	20.927	22559.678	34.805
1.015	14.741			
3/18/2016 9:20:00 PM	292800.000	74.001	17.986	168.671
28686.096	33123.742	20.891	22524.145	34.860
1.015	14.741			
3/18/2016 9:25:00 PM	293100.000	73.981	17.986	168.627
28706.861	33147.656	20.908	22540.406	34.835
1.015	14.741			
3/18/2016 9:30:00 PM	293400.000	74.002	17.986	168.674
28721.318	33164.480	20.919	22551.850	34.817
1.015	14.741			
3/18/2016 9:35:00 PM	293700.000	74.003	17.986	168.677
28730.912	33175.492	20.927	22559.336	34.806
1.015	14.742			
3/18/2016 9:40:00 PM	294000.000	74.006	17.986	168.683
28710.182	33151.492	20.910	22543.016	34.831
1.015	14.743			
3/18/2016 9:45:00 PM	294300.000	73.986	17.986	168.636
28718.875	33161.789	20.918	22550.018	34.820
1.015	14.743			
3/18/2016 9:50:00 PM	294600.000	74.005	17.986	168.681
28717.236	33159.516	20.916	22548.471	34.822
1.015	14.744			
3/18/2016 9:55:00 PM	294900.000	73.986	17.986	168.636
28707.783	33148.980	20.909	22541.307	34.834
1.015	14.744			
3/18/2016 10:00:00 PM	295200.000	74.009	17.985	168.690

28709.016	33150.469	20.910	22542.320	34.832
1.015	14.745			
3/18/2016 10:05:00 PM	295500.000	74.010	17.986	168.691
28716.695	33158.891	20.916	22548.047	34.823
1.015	14.745			
3/18/2016 10:10:00 PM	295800.000	73.993	17.986	168.652
28678.963	33115.445	20.885	22518.506	34.869
1.015	14.746			
3/18/2016 10:15:00 PM	296100.000	74.010	17.986	168.691
28743.205	33189.434	20.937	22568.814	34.791
1.015	14.747			
3/18/2016 10:20:00 PM	296400.000	74.013	17.985	168.698
28691.393	33130.121	20.896	22528.484	34.854
1.015	14.747			
3/18/2016 10:25:00 PM	296700.000	74.010	17.986	168.691
28689.695	33127.836	20.894	22526.928	34.856
1.015	14.748			
3/18/2016 10:30:00 PM	297000.000	74.014	17.986	168.701
28715.414	33157.660	20.915	22547.211	34.825
1.015	14.749			
3/18/2016 10:35:00 PM	297300.000	73.993	17.986	168.654
28729.854	33174.016	20.926	22558.330	34.807
1.015	14.747			
3/18/2016 10:40:00 PM	297600.000	74.014	17.986	168.701
28710.545	33152.039	20.911	22543.389	34.830
1.015	14.745			
3/18/2016 10:45:00 PM	297900.000	74.020	17.986	168.714
28729.061	33173.035	20.925	22557.664	34.808
1.015	14.743			
3/18/2016 10:50:00 PM	298200.000	74.017	17.986	168.708
28699.619	33139.230	20.902	22534.680	34.844
1.015	14.744			
3/18/2016 10:55:00 PM	298500.000	74.018	17.986	168.711
28729.324	33173.594	20.926	22558.047	34.808
1.015	14.745			
3/18/2016 11:00:00 PM	298800.000	74.017	17.986	168.707
28733.734	33178.750	20.929	22561.553	34.802
1.015	14.746			
3/18/2016 11:05:00 PM	299100.000	73.999	17.986	168.667
28737.043	33182.766	20.932	22564.281	34.798
1.015	14.744			
3/18/2016 11:10:00 PM	299400.000	74.022	17.986	168.719
28730.316	33174.617	20.927	22558.740	34.806
1.015	14.743			
3/18/2016 11:15:00 PM	299700.000	74.023	17.986	168.720
28742.947	33189.258	20.937	22568.697	34.791
1.015	14.741			
3/18/2016 11:20:00 PM	300000.000	74.026	17.986	168.727
28701.506	33141.602	20.904	22536.289	34.841
1.015	14.741			
3/18/2016 11:25:00 PM	300300.000	74.022	17.986	168.719
28705.396	33146.094	20.907	22539.346	34.837
1.015	14.742			
3/18/2016 11:30:00 PM	300600.000	74.020	17.986	168.715
28701.613	33141.793	20.904	22536.420	34.841
1.015	14.742			
3/18/2016 11:35:00 PM	300900.000	74.021	17.986	168.718
28698.893	33138.520	20.901	22534.195	34.845

1.015	14.742			
3/18/2016 11:40:00 PM	301200.000	73.999	17.986	168.666
28751.174	33199.023	20.943	22575.336	34.781
1.015	14.742			
3/18/2016 11:45:00 PM	301500.000	74.021	17.986	168.716
28712.539	33154.273	20.912	22544.906	34.828
1.015	14.743			
3/18/2016 11:50:00 PM	301800.000	73.998	17.986	168.664
28748.762	33196.168	20.941	22573.395	34.784
1.015	14.742			
3/18/2016 11:55:00 PM	302100.000	74.020	17.986	168.715
28719.135	33162.086	20.918	22550.221	34.820
1.015	14.741			
3/19/2016 12:00:00 AM	302400.000	74.022	17.986	168.719
28723.064	33166.367	20.921	22553.131	34.815
1.015	14.741			
3/19/2016 12:05:00 AM	302700.000	74.016	17.986	168.705
28730.676	33175.352	20.927	22559.242	34.806
1.015	14.742			
3/19/2016 12:10:00 AM	303000.000	74.021	17.986	168.717
28695.170	33134.219	20.898	22531.271	34.849
1.015	14.743			
3/19/2016 12:15:00 AM	303300.000	73.997	17.986	168.663
28717.477	33160.172	20.916	22548.920	34.822
1.015	14.743			
3/19/2016 12:20:00 AM	303600.000	74.013	17.985	168.699
28718.521	33161.445	20.917	22549.783	34.821
1.015	14.745			
3/19/2016 12:25:00 AM	303900.000	74.011	17.986	168.694
28663.117	33096.836	20.873	22505.850	34.888
1.014	14.746			
3/19/2016 12:30:00 AM	304200.000	73.989	17.986	168.645
28707.791	33148.543	20.908	22541.010	34.834
1.015	14.747			
3/19/2016 12:35:00 AM	304500.000	74.013	17.986	168.698
28719.197	33161.902	20.918	22550.094	34.820
1.015	14.747			
3/19/2016 12:40:00 AM	304800.000	74.008	17.986	168.686
28728.289	33172.277	20.925	22557.150	34.809
1.015	14.748			
3/19/2016 12:45:00 AM	305100.000	74.004	17.986	168.679
28719.801	33162.215	20.918	22550.309	34.819
1.015	14.748			
3/19/2016 12:50:00 AM	305400.000	74.008	17.986	168.686
28714.047	33156.016	20.914	22546.094	34.826
1.015	14.747			
3/19/2016 12:55:00 AM	305700.000	74.007	17.985	168.684
28716.457	33159.063	20.916	22548.162	34.823
1.015	14.746			
3/19/2016 1:00:00 AM	306000.000	74.010	17.986	168.692
28735.553	33180.723	20.931	22562.893	34.800
1.015	14.746			
3/19/2016 1:05:00 AM	306300.000	74.004	17.986	168.678
28689.998	33128.246	20.894	22527.209	34.855
1.015	14.746			
3/19/2016 1:10:00 AM	306600.000	74.006	17.986	168.683
28744.189	33190.762	20.938	22569.719	34.790
1.015	14.747			

3/19/2016 1:15:00 AM	306900.000	74.002	17.986	168.674
28716.482	33159.023	20.916	22548.137	34.823
1.015	14.748			
3/19/2016 1:20:00 AM	307200.000	73.998	17.986	168.665
28679.152	33115.723	20.886	22518.691	34.869
1.015	14.748			
3/19/2016 1:25:00 AM	307500.000	73.998	17.986	168.664
28700.207	33139.906	20.902	22535.137	34.843
1.015	14.748			
3/19/2016 1:30:00 AM	307800.000	73.978	17.986	168.618
28730.777	33175.020	20.927	22559.016	34.806
1.015	14.749			
3/19/2016 1:35:00 AM	308100.000	73.998	17.986	168.665
28727.494	33171.418	20.924	22556.566	34.810
1.015	14.748			
3/19/2016 1:40:00 AM	308400.000	73.995	17.986	168.657
28692.045	33130.609	20.896	22528.816	34.853
1.015	14.748			
3/19/2016 1:45:00 AM	308700.000	73.996	17.986	168.660
28725.031	33168.766	20.922	22554.762	34.813
1.015	14.748			
3/19/2016 1:50:00 AM	309000.000	73.993	17.986	168.653
28704.979	33145.484	20.906	22538.932	34.837
1.015	14.747			
3/19/2016 1:55:00 AM	309300.000	73.999	17.986	168.666
28736.688	33182.098	20.932	22563.828	34.799
1.015	14.745			
3/19/2016 2:00:00 AM	309600.000	73.998	17.986	168.664
28710.352	33151.816	20.911	22543.238	34.831
1.015	14.744			
3/19/2016 2:05:00 AM	309900.000	74.001	17.986	168.672
28701.594	33141.574	20.904	22536.271	34.841
1.015	14.745			
3/19/2016 2:10:00 AM	310200.000	73.995	17.986	168.657
28705.590	33146.191	20.907	22539.412	34.836
1.015	14.745			
3/19/2016 2:15:00 AM	310500.000	73.994	17.986	168.655
28696.906	33136.039	20.900	22532.508	34.847
1.015	14.746			
3/19/2016 2:20:00 AM	310800.000	73.991	17.986	168.648
28721.260	33164.410	20.919	22551.799	34.817
1.015	14.747			
3/19/2016 2:25:00 AM	311100.000	73.984	17.986	168.632
28732.365	33177.168	20.928	22560.477	34.804
1.015	14.748			
3/19/2016 2:30:00 AM	311400.000	73.987	17.986	168.640
28713.480	33155.496	20.913	22545.740	34.827
1.015	14.749			
3/19/2016 2:35:00 AM	311700.000	73.987	17.985	168.640
28709.098	33150.754	20.910	22542.516	34.832
1.015	14.746			
3/19/2016 2:40:00 AM	312000.000	73.989	17.986	168.644
28712.824	33154.160	20.912	22544.830	34.828
1.015	14.743			
3/19/2016 2:45:00 AM	312300.000	73.993	17.986	168.654
28713.863	33155.871	20.913	22545.994	34.826
1.015	14.741			
3/19/2016 2:50:00 AM	312600.000	73.974	17.986	168.610

28726.230	33170.152	20.923	22555.705	34.811
1.015	14.741			
3/19/2016 2:55:00 AM	312900.000	73.990	17.985	168.645
28684.270	33121.965	20.890	22522.936	34.862
1.015	14.742			
3/19/2016 3:00:00 AM	313200.000	73.986	17.986	168.638
28700.283	33140.063	20.903	22535.244	34.843
1.015	14.742			
3/19/2016 3:05:00 AM	313500.000	73.985	17.985	168.634
28692.799	33132.000	20.897	22529.760	34.852
1.015	14.744			
3/19/2016 3:10:00 AM	313800.000	73.982	17.985	168.628
28719.117	33162.133	20.918	22550.252	34.820
1.015	14.746			
3/19/2016 3:15:00 AM	314100.000	73.978	17.985	168.619
28727.152	33171.539	20.924	22556.648	34.810
1.015	14.748			
3/19/2016 3:20:00 AM	314400.000	73.959	17.986	168.576
28718.307	33161.000	20.917	22549.482	34.821
1.015	14.747			
3/19/2016 3:25:00 AM	314700.000	73.979	17.986	168.622
28705.559	33146.031	20.907	22539.301	34.836
1.015	14.746			
3/19/2016 3:30:00 AM	315000.000	73.964	17.986	168.586
28724.604	33168.207	20.922	22554.383	34.813
1.015	14.745			
3/19/2016 3:35:00 AM	315300.000	73.960	17.986	168.577
28705.232	33146.035	20.907	22539.307	34.837
1.015	14.747			
3/19/2016 3:40:00 AM	315600.000	73.974	17.986	168.609
28711.580	33153.168	20.912	22544.154	34.829
1.015	14.748			
3/19/2016 3:45:00 AM	315900.000	73.974	17.986	168.610
28715.156	33157.168	20.914	22546.877	34.825
1.015	14.749			
3/19/2016 3:50:00 AM	316200.000	73.957	17.986	168.570
28682.570	33119.738	20.888	22521.424	34.864
1.015	14.746			
3/19/2016 3:55:00 AM	316500.000	73.980	17.985	168.624
28697.434	33137.223	20.901	22533.314	34.846
1.015	14.744			
3/19/2016 4:00:00 AM	316800.000	73.981	17.986	168.625
28722.012	33164.961	20.920	22552.176	34.817
1.015	14.742			
3/19/2016 4:05:00 AM	317100.000	73.980	17.986	168.622
28708.414	33149.578	20.909	22541.713	34.833
1.015	14.743			
3/19/2016 4:10:00 AM	317400.000	73.974	17.986	168.610
28710.316	33151.844	20.911	22543.254	34.831
1.015	14.744			
3/19/2016 4:15:00 AM	317700.000	73.976	17.985	168.614
28714.846	33157.203	20.914	22546.900	34.825
1.015	14.746			
3/19/2016 4:20:00 AM	318000.000	73.977	17.986	168.616
28716.379	33158.777	20.915	22547.971	34.823
1.015	14.747			
3/19/2016 4:25:00 AM	318300.000	73.972	17.986	168.606
28727.430	33171.605	20.924	22556.691	34.810

1.015	14.748			
3/19/2016 4:30:00 AM	318600.000	73.954	17.985	168.565
28735.072	33180.559	20.931	22562.781	34.801
1.015	14.750			
3/19/2016 4:35:00 AM	318900.000	73.978	17.985	168.620
28715.551	33158.391	20.915	22547.707	34.824
1.015	14.748			
3/19/2016 4:40:00 AM	319200.000	73.979	17.986	168.622
28733.910	33178.953	20.930	22561.689	34.802
1.015	14.746			
3/19/2016 4:45:00 AM	319500.000	73.987	17.986	168.638
28709.555	33151.027	20.910	22542.699	34.832
1.015	14.743			
3/19/2016 4:50:00 AM	319800.000	73.966	17.986	168.590
28696.658	33135.938	20.900	22532.438	34.847
1.015	14.744			
3/19/2016 4:55:00 AM	320100.000	73.983	17.986	168.630
28712.746	33154.648	20.913	22545.164	34.828
1.015	14.745			
3/19/2016 5:00:00 AM	320400.000	73.986	17.985	168.638
28739.480	33185.715	20.934	22566.287	34.795
1.015	14.745			
3/19/2016 5:05:00 AM	320700.000	73.980	17.986	168.624
28698.168	33137.879	20.901	22533.758	34.845
1.015	14.746			
3/19/2016 5:10:00 AM	321000.000	73.966	17.986	168.590
28718.836	33161.418	20.917	22549.764	34.820
1.015	14.746			
3/19/2016 5:15:00 AM	321300.000	73.984	17.986	168.633
28693.803	33132.512	20.897	22530.109	34.851
1.015	14.747			
3/19/2016 5:20:00 AM	321600.000	73.983	17.986	168.631
28710.199	33151.707	20.911	22543.162	34.831
1.015	14.748			
3/19/2016 5:25:00 AM	321900.000	73.965	17.986	168.589
28710.623	33152.000	20.911	22543.359	34.830
1.015	14.749			
3/19/2016 5:30:00 AM	322200.000	73.986	17.986	168.636
28714.260	33156.328	20.914	22546.305	34.826
1.015	14.749			
3/19/2016 5:35:00 AM	322500.000	73.989	17.986	168.644
28729.299	33173.695	20.926	22558.115	34.808
1.015	14.748			
3/19/2016 5:40:00 AM	322800.000	73.990	17.986	168.646
28711.326	33152.875	20.911	22543.957	34.829
1.015	14.747			
3/19/2016 5:45:00 AM	323100.000	73.990	17.986	168.647
28715.227	33157.379	20.915	22547.018	34.825
1.015	14.745			
3/19/2016 5:50:00 AM	323400.000	73.994	17.985	168.655
28706.104	33147.176	20.907	22540.080	34.836
1.015	14.746			
3/19/2016 5:55:00 AM	323700.000	73.997	17.986	168.662
28714.342	33156.297	20.914	22546.281	34.826
1.015	14.747			
3/19/2016 6:00:00 AM	324000.000	73.999	17.986	168.666
28713.879	33155.957	20.914	22546.051	34.826
1.015	14.748			

3/19/2016 6:05:00 AM	324300.000	73.977	17.986	168.617
28705.930	33146.516	20.907	22539.633	34.836
1.015	14.751			
3/19/2016 6:10:00 AM	324600.000	73.976	17.986	168.615
28712.578	33154.387	20.912	22544.982	34.828
1.015	14.754			
3/19/2016 6:15:00 AM	324900.000	73.997	17.986	168.661
28691.527	33130.012	20.896	22528.410	34.853
1.015	14.757			
3/19/2016 6:20:00 AM	325200.000	74.000	17.986	168.669
28715.715	33158.078	20.915	22547.494	34.824
1.015	14.756			
3/19/2016 6:25:00 AM	325500.000	74.000	17.986	168.668
28703.836	33144.098	20.905	22537.986	34.839
1.015	14.756			
3/19/2016 6:30:00 AM	325800.000	73.998	17.986	168.664
28721.807	33164.977	20.920	22552.186	34.817
1.015	14.755			
3/19/2016 6:35:00 AM	326100.000	74.006	17.986	168.682
28729.021	33173.055	20.925	22557.678	34.808
1.015	14.754			
3/19/2016 6:40:00 AM	326400.000	74.010	17.986	168.692
28707.990	33149.023	20.909	22541.336	34.834
1.015	14.753			
3/19/2016 6:45:00 AM	326700.000	74.013	17.986	168.698
28673.275	33109.070	20.881	22514.170	34.876
1.014	14.752			
3/19/2016 6:50:00 AM	327000.000	74.018	17.986	168.710
28712.672	33154.563	20.913	22545.105	34.828
1.015	14.751			
3/19/2016 6:55:00 AM	327300.000	74.018	17.986	168.709
28720.555	33163.598	20.919	22551.246	34.818
1.015	14.750			
3/19/2016 7:00:00 AM	327600.000	74.022	17.986	168.720
28709.387	33150.574	20.910	22542.391	34.832
1.015	14.749			
3/19/2016 7:05:00 AM	327900.000	74.020	17.985	168.715
28665.340	33100.035	20.875	22508.023	34.885
1.014	14.751			
3/19/2016 7:10:00 AM	328200.000	74.022	17.986	168.720
28724.068	33167.527	20.922	22553.918	34.814
1.015	14.753			
3/19/2016 7:15:00 AM	328500.000	74.001	17.986	168.672
28725.938	33169.684	20.923	22555.385	34.812
1.015	14.755			
3/19/2016 7:20:00 AM	328800.000	74.022	17.986	168.719
28701.576	33141.684	20.904	22536.346	34.841
1.015	14.754			
3/19/2016 7:25:00 AM	329100.000	74.030	17.986	168.737
28720.719	33163.855	20.919	22551.422	34.818
1.015	14.754			
3/19/2016 7:30:00 AM	329400.000	74.010	17.986	168.691
28699.951	33139.613	20.902	22534.939	34.843
1.015	14.754			
3/19/2016 7:35:00 AM	329700.000	74.029	17.986	168.735
28704.924	33145.617	20.906	22539.021	34.837
1.015	14.757			
3/19/2016 7:40:00 AM	330000.000	74.030	17.986	168.738



28716.850	33159.320	20.916	22548.340	34.823
1.015	14.761			
3/19/2016 7:45:00 AM	330300.000	74.029	17.986	168.735
28716.207	33158.707	20.915	22547.922	34.824
1.015	14.764			
3/19/2016 7:50:00 AM	330600.000	74.033	17.986	168.744
28699.838	33139.676	20.902	22534.980	34.843
1.015	14.764			
3/19/2016 7:55:00 AM	330900.000	74.035	17.986	168.749
28700.627	33140.520	20.903	22535.553	34.842
1.015	14.764			
3/19/2016 8:00:00 AM	331200.000	74.033	17.986	168.745
28718.613	33161.289	20.917	22549.680	34.821
1.015	14.764			
3/19/2016 8:05:00 AM	331500.000	74.035	17.986	168.748
28704.139	33144.324	20.905	22538.141	34.838
1.015	14.763			
3/19/2016 8:10:00 AM	331800.000	74.045	17.986	168.771
28695.170	33134.285	20.898	22531.314	34.849
1.015	14.761			
3/19/2016 8:15:00 AM	332100.000	74.045	17.985	168.771
28716.951	33159.762	20.916	22548.639	34.823
1.015	14.760			
3/19/2016 8:20:00 AM	332400.000	74.045	17.986	168.771
28722.736	33165.734	20.920	22552.699	34.816
1.015	14.761			
3/19/2016 8:25:00 AM	332700.000	74.049	17.986	168.781
28702.979	33142.984	20.905	22537.230	34.840
1.015	14.761			
3/19/2016 8:30:00 AM	333000.000	74.052	17.986	168.787
28706.566	33147.129	20.907	22540.051	34.835
1.015	14.762			
3/19/2016 8:35:00 AM	333300.000	74.053	17.985	168.789
28719.230	33162.453	20.918	22550.471	34.820
1.015	14.762			
3/19/2016 8:40:00 AM	333600.000	74.051	17.986	168.784
28715.217	33157.305	20.914	22546.969	34.825
1.015	14.762			
3/19/2016 8:45:00 AM	333900.000	74.054	17.986	168.792
28713.971	33155.742	20.913	22545.906	34.826
1.015	14.762			
3/19/2016 8:50:00 AM	334200.000	74.057	17.986	168.799
28707.256	33147.926	20.908	22540.590	34.834
1.015	14.764			
3/19/2016 8:55:00 AM	334500.000	74.052	17.986	168.787
28723.828	33167.445	20.922	22553.863	34.814
1.015	14.766			
3/19/2016 9:00:00 AM	334800.000	74.054	17.986	168.791
28727.117	33170.793	20.924	22556.139	34.810
1.015	14.768			
3/19/2016 9:05:00 AM	335100.000	74.061	17.985	168.807
28723.119	33166.883	20.921	22553.482	34.815
1.015	14.766			
3/19/2016 9:10:00 AM	335400.000	74.062	17.986	168.811
28684.359	33121.801	20.890	22522.826	34.862
1.015	14.765			
3/19/2016 9:15:00 AM	335700.000	74.044	17.986	168.769
28688.193	33126.164	20.893	22525.791	34.858

1.015	14.763			
3/19/2016 9:20:00 AM	336000.000	74.064	17.986	168.816
28720.945	33163.730	20.919	22551.338	34.818
1.015	14.764			
3/19/2016 9:25:00 AM	336300.000	74.060	17.986	168.806
28736.840	33182.336	20.932	22563.990	34.799
1.015	14.766			
3/19/2016 9:30:00 AM	336600.000	74.063	17.986	168.811
28703.879	33144.090	20.905	22537.980	34.838
1.015	14.767			
3/19/2016 9:35:00 AM	336900.000	74.044	17.986	168.770
28704.006	33144.105	20.905	22537.992	34.838
1.015	14.766			
3/19/2016 9:40:00 AM	337200.000	74.065	17.986	168.818
28711.709	33153.188	20.912	22544.168	34.829
1.015	14.765			
3/19/2016 9:45:00 AM	337500.000	74.068	17.986	168.825
28709.525	33150.734	20.910	22542.502	34.832
1.015	14.764			
3/19/2016 9:50:00 AM	337800.000	74.068	17.986	168.824
28713.385	33155.066	20.913	22545.447	34.827
1.015	14.764			
3/19/2016 9:55:00 AM	338100.000	74.066	17.986	168.819
28722.371	33165.500	20.920	22552.541	34.816
1.015	14.765			
3/19/2016 10:00:00 AM	338400.000	74.065	17.986	168.817
28711.367	33152.988	20.911	22544.035	34.829
1.015	14.765			
3/19/2016 10:05:00 AM	338700.000	74.068	17.986	168.823
28715.963	33158.168	20.915	22547.557	34.824
1.015	14.766			
3/19/2016 10:10:00 AM	339000.000	74.070	17.986	168.828
28689.758	33127.969	20.894	22527.021	34.856
1.015	14.767			
3/19/2016 10:15:00 AM	339300.000	74.066	17.985	168.820
28705.258	33146.129	20.907	22539.367	34.837
1.015	14.768			
3/19/2016 10:20:00 AM	339600.000	74.066	17.986	168.818
28717.344	33159.891	20.916	22548.727	34.822
1.015	14.770			
3/19/2016 10:25:00 AM	339900.000	74.043	17.986	168.766
28699.025	33138.422	20.901	22534.129	34.844
1.015	14.771			
3/19/2016 10:30:00 AM	340200.000	74.057	17.986	168.800
28709.287	33150.074	20.909	22542.051	34.832
1.015	14.773			
3/19/2016 10:35:00 AM	340500.000	74.064	17.986	168.816
28702.320	33142.348	20.904	22536.799	34.840
1.015	14.771			
3/19/2016 10:40:00 AM	340800.000	74.062	17.986	168.809
28699.223	33138.715	20.902	22534.326	34.844
1.015	14.768			
3/19/2016 10:45:00 AM	341100.000	74.065	17.986	168.817
28717.340	33159.633	20.916	22548.551	34.822
1.015	14.766			
3/19/2016 10:50:00 AM	341400.000	74.061	17.986	168.807
28715.605	33157.445	20.915	22547.064	34.824
1.015	14.767			

3/19/2016 10:55:00 AM	341700.000	74.046	17.986	168.773
28712.875	33154.602	20.913	22545.129	34.828
1.015	14.768			
3/19/2016 11:00:00 AM	342000.000	74.065	17.986	168.816
28724.645	33168.387	20.922	22554.504	34.813
1.015	14.768			
3/19/2016 11:05:00 AM	342300.000	74.062	17.986	168.810
28714.389	33156.285	20.914	22546.273	34.826
1.015	14.767			
3/19/2016 11:10:00 AM	342600.000	74.066	17.986	168.819
28692.369	33131.051	20.896	22529.115	34.852
1.015	14.766			
3/19/2016 11:15:00 AM	342900.000	74.064	17.986	168.815
28698.297	33137.895	20.901	22533.768	34.845
1.015	14.765			
3/19/2016 11:20:00 AM	343200.000	74.061	17.986	168.807
28729.701	33174.160	20.926	22558.432	34.807
1.015	14.766			
3/19/2016 11:25:00 AM	343500.000	74.056	17.986	168.796
28723.570	33166.695	20.921	22553.354	34.815
1.015	14.766			
3/19/2016 11:30:00 AM	343800.000	74.055	17.986	168.794
28720.973	33163.641	20.919	22551.277	34.818
1.015	14.766			
3/19/2016 11:35:00 AM	344100.000	74.053	17.986	168.791
28705.971	33146.246	20.907	22539.447	34.836
1.015	14.767			
3/19/2016 11:40:00 AM	344400.000	74.048	17.986	168.779
28703.203	33143.246	20.905	22537.408	34.839
1.015	14.767			
3/19/2016 11:45:00 AM	344700.000	74.049	17.986	168.781
28719.092	33161.715	20.918	22549.969	34.820
1.015	14.767			
3/19/2016 11:50:00 AM	345000.000	74.046	17.986	168.773
28705.252	33145.859	20.907	22539.186	34.837
1.015	14.767			
3/19/2016 11:55:00 AM	345300.000	74.042	17.986	168.764
28716.107	33157.949	20.915	22547.406	34.824
1.015	14.767			
3/19/2016 12:00:00 PM	345600.000	74.041	17.986	168.761
28725.166	33168.672	20.922	22554.699	34.813
1.015	14.767			
3/19/2016 12:05:00 PM	345900.000	74.044	17.986	168.768
28724.754	33168.516	20.922	22554.592	34.813
1.015	14.766			
3/19/2016 12:10:00 PM	346200.000	74.038	17.986	168.754
28709.318	33150.238	20.910	22542.164	34.832
1.015	14.765			
3/19/2016 12:15:00 PM	346500.000	74.038	17.986	168.756
28707.969	33149.000	20.909	22541.320	34.834
1.015	14.765			
3/19/2016 12:20:00 PM	346800.000	74.032	17.986	168.742
28704.328	33144.609	20.906	22538.336	34.838
1.015	14.764			
3/19/2016 12:25:00 PM	347100.000	74.025	17.986	168.727
28713.318	33154.992	20.913	22545.395	34.827
1.015	14.764			
3/19/2016 12:30:00 PM	347400.000	74.031	17.986	168.740

28706.395	33146.809	20.907	22539.832	34.835
1.015	14.764			
3/19/2016 12:35:00 PM	347700.000	74.030	17.986	168.738
28709.102	33150.055	20.909	22542.037	34.832
1.015	14.762			
3/19/2016 12:40:00 PM	348000.000	74.032	17.986	168.741
28722.314	33165.434	20.920	22552.496	34.816
1.015	14.761			
3/19/2016 12:45:00 PM	348300.000	74.029	17.986	168.735
28705.883	33146.219	20.907	22539.430	34.836
1.015	14.760			
3/19/2016 12:50:00 PM	348600.000	74.024	17.986	168.724
28716.686	33158.934	20.916	22548.074	34.823
1.015	14.762			
3/19/2016 12:55:00 PM	348900.000	74.016	17.986	168.705
28722.400	33165.535	20.920	22552.564	34.816
1.015	14.765			
3/19/2016 1:00:00 PM	349200.000	74.013	17.986	168.699
28715.777	33157.887	20.915	22547.365	34.824
1.015	14.767			
3/19/2016 1:05:00 PM	349500.000	74.005	17.986	168.681
28709.070	33149.898	20.909	22541.934	34.832
1.015	14.767			
3/19/2016 1:10:00 PM	349800.000	73.989	17.986	168.643
28697.582	33136.754	20.900	22532.994	34.846
1.015	14.767			
3/19/2016 1:15:00 PM	350100.000	74.010	17.986	168.691
28701.492	33141.715	20.904	22536.367	34.841
1.015	14.766			
3/19/2016 1:20:00 PM	350400.000	74.003	17.986	168.677
28727.279	33171.363	20.924	22556.527	34.810
1.015	14.767			
3/19/2016 1:25:00 PM	350700.000	73.998	17.986	168.665
28719.354	33162.145	20.918	22550.258	34.820
1.015	14.768			
3/19/2016 1:30:00 PM	351000.000	73.992	17.986	168.650
28722.303	33165.551	20.920	22552.576	34.816
1.015	14.769			
3/19/2016 1:35:00 PM	351300.000	73.995	17.986	168.657
28714.010	33156.039	20.914	22546.107	34.826
1.015	14.768			
3/19/2016 1:40:00 PM	351600.000	73.994	17.986	168.656
28698.805	33138.484	20.901	22534.170	34.845
1.015	14.767			
3/19/2016 1:45:00 PM	351900.000	73.991	17.986	168.647
28711.484	33153.191	20.912	22544.170	34.829
1.015	14.766			
3/19/2016 1:50:00 PM	352200.000	73.987	17.986	168.638
28727.633	33171.840	20.925	22556.852	34.810
1.015	14.765			
3/19/2016 1:55:00 PM	352500.000	73.985	17.986	168.634
28717.691	33160.098	20.916	22548.869	34.822
1.015	14.764			
3/19/2016 2:00:00 PM	352800.000	73.979	17.986	168.622
28706.072	33146.941	20.907	22539.920	34.836
1.015	14.764			
3/19/2016 2:05:00 PM	353100.000	73.978	17.986	168.619
28717.051	33159.484	20.916	22548.451	34.823

1.015	14.765			
3/19/2016 2:10:00 PM	353400.000	73.975	17.986	168.611
28710.334	33151.602	20.911	22543.090	34.831
1.015	14.766			
3/19/2016 2:15:00 PM	353700.000	73.966	17.985	168.591
28712.869	33154.918	20.913	22545.346	34.828
1.015	14.767			
3/19/2016 2:20:00 PM	354000.000	73.971	17.986	168.602
28729.109	33173.477	20.926	22557.967	34.808
1.015	14.765			
3/19/2016 2:25:00 PM	354300.000	73.966	17.986	168.591
28720.607	33163.727	20.919	22551.334	34.818
1.015	14.764			
3/19/2016 2:30:00 PM	354600.000	73.963	17.986	168.586
28709.295	33150.402	20.910	22542.275	34.832
1.015	14.762			
3/19/2016 2:35:00 PM	354900.000	73.941	17.986	168.535
28698.871	33138.629	20.902	22534.270	34.845
1.015	14.761			
3/19/2016 2:40:00 PM	355200.000	73.965	17.986	168.589
28713.799	33155.926	20.914	22546.029	34.826
1.015	14.760			
3/19/2016 2:45:00 PM	355500.000	73.955	17.986	168.567
28712.465	33153.746	20.912	22544.549	34.828
1.015	14.759			
3/19/2016 2:50:00 PM	355800.000	73.953	17.986	168.562
28724.029	33167.359	20.921	22553.807	34.814
1.015	14.760			
3/19/2016 2:55:00 PM	356100.000	73.946	17.986	168.545
28686.121	33123.770	20.891	22524.164	34.860
1.015	14.762			
3/19/2016 3:00:00 PM	356400.000	73.948	17.986	168.550
28697.232	33136.668	20.900	22532.934	34.847
1.015	14.763			
3/19/2016 3:05:00 PM	356700.000	73.951	17.986	168.556
28718.184	33160.859	20.917	22549.385	34.821
1.015	14.760			
3/19/2016 3:10:00 PM	357000.000	73.925	17.986	168.499
28709.596	33150.816	20.910	22542.555	34.832
1.015	14.757			
3/19/2016 3:15:00 PM	357300.000	73.944	17.986	168.541
28719.953	33162.902	20.918	22550.773	34.819
1.015	14.754			
3/19/2016 3:20:00 PM	357600.000	73.939	17.986	168.530
28732.432	33177.379	20.928	22560.617	34.804
1.015	14.753			
3/19/2016 3:25:00 PM	357900.000	73.941	17.986	168.534
28718.930	33161.594	20.917	22549.887	34.820
1.015	14.752			
3/19/2016 3:30:00 PM	358200.000	73.916	17.986	168.477
28726.900	33170.926	20.924	22556.232	34.811
1.015	14.751			
3/19/2016 3:35:00 PM	358500.000	73.938	17.986	168.528
28710.803	33152.207	20.911	22543.502	34.830
1.015	14.751			
3/19/2016 3:40:00 PM	358800.000	73.933	17.985	168.516
28700.467	33140.598	20.903	22535.607	34.843
1.015	14.750			

3/19/2016 3:45:00 PM	359100.000	73.930	17.985	168.509
28700.514	33140.652	20.903	22535.646	34.843
1.015	14.750			
3/19/2016 3:50:00 PM	359400.000	73.925	17.986	168.499
28704.977	33145.543	20.906	22538.969	34.837
1.015	14.752			
3/19/2016 3:55:00 PM	359700.000	73.928	17.985	168.505
28709.398	33151.230	20.910	22542.840	34.832
1.015	14.755			
3/19/2016 4:00:00 PM	360000.000	73.922	17.986	168.490
28709.488	33150.754	20.910	22542.516	34.832
1.015	14.757			
3/19/2016 4:05:00 PM	360300.000	73.919	17.986	168.485
28713.809	33155.809	20.913	22545.949	34.826
1.015	14.755			
3/19/2016 4:10:00 PM	360600.000	73.915	17.986	168.476
28692.613	33131.465	20.897	22529.398	34.852
1.015	14.754			
3/19/2016 4:15:00 PM	360900.000	73.901	17.985	168.444
28696.236	33135.715	20.899	22532.287	34.848
1.015	14.752			
3/19/2016 4:20:00 PM	361200.000	73.913	17.986	168.469
28713.182	33155.016	20.913	22545.412	34.827
1.015	14.752			
3/19/2016 4:25:00 PM	361500.000	73.897	17.986	168.434
28710.443	33151.988	20.911	22543.352	34.831
1.015	14.751			
3/19/2016 4:30:00 PM	361800.000	73.913	17.986	168.471
28701.053	33140.828	20.903	22535.766	34.842
1.015	14.751			
3/19/2016 4:35:00 PM	362100.000	73.917	17.986	168.481
28720.766	33163.910	20.919	22551.461	34.818
1.015	14.748			
3/19/2016 4:40:00 PM	362400.000	73.918	17.986	168.482
28698.758	33138.430	20.901	22534.135	34.845
1.015	14.746			
3/19/2016 4:45:00 PM	362700.000	73.897	17.985	168.435
28715.289	33157.715	20.915	22547.246	34.825
1.015	14.744			
3/19/2016 4:50:00 PM	363000.000	73.917	17.985	168.480
28735.906	33181.648	20.931	22563.521	34.800
1.015	14.745			
3/19/2016 4:55:00 PM	363300.000	73.915	17.986	168.474
28682.326	33119.387	20.888	22521.186	34.865
1.015	14.746			
3/19/2016 5:00:00 PM	363600.000	73.893	17.986	168.425
28704.326	33144.793	20.906	22538.459	34.838
1.015	14.748			
3/19/2016 5:05:00 PM	363900.000	73.910	17.986	168.463
28711.461	33153.164	20.912	22544.152	34.829
1.015	14.747			
3/19/2016 5:10:00 PM	364200.000	73.911	17.985	168.466
28703.367	33144.266	20.905	22538.104	34.839
1.015	14.746			
3/19/2016 5:15:00 PM	364500.000	73.910	17.986	168.464
28704.080	33144.445	20.906	22538.223	34.838
1.015	14.746			
3/19/2016 5:20:00 PM	364800.000	73.910	17.986	168.465

28701.533	33141.703	20.904	22536.357	34.841
1.015	14.747			
3/19/2016 5:25:00 PM	365100.000	73.907	17.985	168.457
28700.709	33140.945	20.903	22535.846	34.842
1.015	14.748			
3/19/2016 5:30:00 PM	365400.000	73.905	17.986	168.452
28707.002	33147.883	20.908	22540.563	34.835
1.015	14.750			
3/19/2016 5:35:00 PM	365700.000	73.903	17.985	168.447
28693.086	33132.074	20.897	22529.813	34.852
1.015	14.749			
3/19/2016 5:40:00 PM	366000.000	73.907	17.986	168.457
28702.430	33142.738	20.904	22537.064	34.840
1.015	14.748			
3/19/2016 5:45:00 PM	366300.000	73.910	17.985	168.464
28720.465	33163.691	20.919	22551.311	34.818
1.015	14.748			
3/19/2016 5:50:00 PM	366600.000	73.892	17.986	168.423
28738.354	33184.281	20.933	22565.311	34.797
1.015	14.746			
3/19/2016 5:55:00 PM	366900.000	73.893	17.985	168.424
28719.762	33162.879	20.918	22550.758	34.819
1.015	14.744			
3/19/2016 6:00:00 PM	367200.000	73.911	17.985	168.467
28721.598	33164.996	20.920	22552.199	34.817
1.015	14.743			
3/19/2016 6:05:00 PM	367500.000	73.912	17.986	168.467
28688.289	33126.410	20.893	22525.961	34.857
1.015	14.743			
3/19/2016 6:10:00 PM	367800.000	73.910	17.985	168.463
28691.316	33130.102	20.896	22528.469	34.854
1.015	14.744			
3/19/2016 6:15:00 PM	368100.000	73.909	17.986	168.462
28722.229	33165.402	20.920	22552.475	34.816
1.015	14.745			
3/19/2016 6:20:00 PM	368400.000	73.917	17.986	168.481
28723.555	33166.809	20.921	22553.430	34.815
1.015	14.745			
3/19/2016 6:25:00 PM	368700.000	73.918	17.986	168.481
28696.717	33135.879	20.900	22532.400	34.847
1.015	14.745			
3/19/2016 6:30:00 PM	369000.000	73.912	17.985	168.469
28707.361	33148.559	20.908	22541.021	34.834
1.015	14.745			
3/19/2016 6:35:00 PM	369300.000	73.916	17.986	168.476
28706.492	33147.488	20.908	22540.295	34.835
1.015	14.746			
3/19/2016 6:40:00 PM	369600.000	73.899	17.986	168.438
28713.398	33155.141	20.913	22545.498	34.827
1.015	14.747			
3/19/2016 6:45:00 PM	369900.000	73.900	17.986	168.442
28708.912	33150.285	20.910	22542.195	34.832
1.015	14.747			
3/19/2016 6:50:00 PM	370200.000	73.898	17.985	168.436
28711.982	33153.965	20.912	22544.699	34.829
1.015	14.747			
3/19/2016 6:55:00 PM	370500.000	73.899	17.986	168.439
28721.623	33164.832	20.920	22552.088	34.817

1.015	14.746			
3/19/2016 7:00:00 PM	370800.000	73.925	17.985	168.498
28721.676	33165.156	20.920	22552.307	34.817
1.015	14.745			
3/19/2016 7:05:00 PM	371100.000	73.921	17.985	168.489
28710.236	33151.945	20.911	22543.324	34.831
1.015	14.744			
3/19/2016 7:10:00 PM	371400.000	73.926	17.986	168.501
28713.746	33155.867	20.913	22545.992	34.827
1.015	14.744			
3/19/2016 7:15:00 PM	371700.000	73.924	17.986	168.496
28695.318	33134.457	20.899	22531.434	34.849
1.015	14.743			
3/19/2016 7:20:00 PM	372000.000	73.929	17.985	168.507
28715.930	33158.520	20.915	22547.795	34.824
1.015	14.742			
3/19/2016 7:25:00 PM	372300.000	73.933	17.986	168.516
28708.434	33149.535	20.909	22541.686	34.833
1.015	14.742			
3/19/2016 7:30:00 PM	372600.000	73.941	17.985	168.534
28718.967	33161.961	20.918	22550.135	34.820
1.015	14.741			
3/19/2016 7:35:00 PM	372900.000	73.939	17.985	168.530
28691.855	33130.656	20.896	22528.848	34.853
1.015	14.742			
3/19/2016 7:40:00 PM	373200.000	73.916	17.986	168.477
28733.264	33178.340	20.929	22561.271	34.803
1.015	14.743			
3/19/2016 7:45:00 PM	373500.000	73.918	17.985	168.482
28726.947	33171.242	20.924	22556.445	34.811
1.015	14.743			
3/19/2016 7:50:00 PM	373800.000	73.941	17.986	168.533
28683.402	33120.699	20.889	22522.078	34.863
1.015	14.746			
3/19/2016 7:55:00 PM	374100.000	73.942	17.986	168.537
28715.543	33157.879	20.915	22547.357	34.824
1.015	14.748			
3/19/2016 8:00:00 PM	374400.000	73.941	17.986	168.535
28708.090	33149.137	20.909	22541.414	34.833
1.015	14.750			
3/19/2016 8:05:00 PM	374700.000	73.941	17.985	168.534
28715.438	33158.141	20.915	22547.537	34.824
1.015	14.751			
3/19/2016 8:10:00 PM	375000.000	73.944	17.986	168.541
28680.992	33117.984	20.887	22520.230	34.866
1.015	14.751			
3/19/2016 8:15:00 PM	375300.000	73.928	17.985	168.504
28699.922	33140.223	20.903	22535.354	34.843
1.015	14.751			
3/19/2016 8:20:00 PM	375600.000	73.932	17.986	168.514
28715.215	33157.563	20.915	22547.145	34.825
1.015	14.749			
3/19/2016 8:25:00 PM	375900.000	73.952	17.986	168.560
28711.461	33153.164	20.912	22544.152	34.829
1.015	14.748			
3/19/2016 8:30:00 PM	376200.000	73.960	17.986	168.577
28726.113	33169.699	20.923	22555.396	34.812
1.015	14.746			



3/19/2016 8:35:00 PM	376500.000	73.960	17.986	168.577
28718.074	33160.801	20.917	22549.348	34.821
1.015	14.748			
3/19/2016 8:40:00 PM	376800.000	73.958	17.985	168.574
28702.844	33143.410	20.905	22537.521	34.840
1.015	14.750			
3/19/2016 8:45:00 PM	377100.000	73.967	17.985	168.593
28720.668	33164.051	20.919	22551.555	34.818
1.015	14.753			
3/19/2016 8:50:00 PM	377400.000	73.966	17.985	168.590
28707.861	33149.203	20.909	22541.461	34.834
1.015	14.752			
3/19/2016 8:55:00 PM	377700.000	73.967	17.986	168.594
28700.035	33139.836	20.902	22535.090	34.843
1.015	14.752			
3/19/2016 9:00:00 PM	378000.000	73.965	17.985	168.590
28706.041	33147.289	20.908	22540.158	34.836
1.015	14.752			
3/19/2016 9:05:00 PM	378300.000	73.971	17.985	168.604
28708.469	33149.965	20.909	22541.977	34.833
1.015	14.754			
3/19/2016 9:10:00 PM	378600.000	73.969	17.986	168.597
28706.170	33147.055	20.907	22539.998	34.836
1.015	14.756			
3/19/2016 9:15:00 PM	378900.000	73.969	17.986	168.599
28708.299	33149.379	20.909	22541.578	34.833
1.015	14.758			
3/19/2016 9:20:00 PM	379200.000	73.971	17.985	168.603
28701.232	33141.480	20.903	22536.207	34.842
1.015	14.758			
3/19/2016 9:25:00 PM	379500.000	73.975	17.986	168.611
28721.797	33164.965	20.920	22552.178	34.817
1.015	14.759			
3/19/2016 9:30:00 PM	379800.000	73.979	17.986	168.621
28692.541	33131.121	20.896	22529.164	34.852
1.015	14.759			
3/19/2016 9:35:00 PM	380100.000	73.975	17.986	168.612
28695.621	33134.742	20.899	22531.625	34.849
1.015	14.760			
3/19/2016 9:40:00 PM	380400.000	73.981	17.985	168.625
28722.939	33166.547	20.921	22553.254	34.815
1.015	14.760			
3/19/2016 9:45:00 PM	380700.000	73.980	17.985	168.623
28719.762	33162.879	20.918	22550.758	34.819
1.015	14.761			
3/19/2016 9:50:00 PM	381000.000	73.982	17.985	168.627
28711.797	33153.680	20.912	22544.502	34.829
1.015	14.760			
3/19/2016 9:55:00 PM	381300.000	73.989	17.985	168.644
28732.342	33177.402	20.928	22560.637	34.804
1.015	14.760			
3/19/2016 10:00:00 PM	381600.000	73.985	17.986	168.634
28717.760	33160.176	20.916	22548.922	34.822
1.015	14.759			
3/19/2016 10:05:00 PM	381900.000	73.996	17.986	168.659
28696.453	33135.641	20.899	22532.238	34.848
1.015	14.759			
3/19/2016 10:10:00 PM	382200.000	73.991	17.986	168.649

28692.959	33131.863	20.897	22529.668	34.852
1.015	14.759			
3/19/2016 10:15:00 PM	382500.000	73.993	17.985	168.652
28713.545	33155.699	20.913	22545.875	34.827
1.015	14.759			
3/19/2016 10:20:00 PM	382800.000	73.975	17.985	168.612
28701.514	33141.934	20.904	22536.516	34.841
1.015	14.759			
3/19/2016 10:25:00 PM	383100.000	74.001	17.986	168.670
28730.031	33174.668	20.927	22558.777	34.807
1.015	14.759			
3/19/2016 10:30:00 PM	383400.000	74.001	17.985	168.670
28691.223	33129.922	20.895	22528.350	34.854
1.015	14.759			
3/19/2016 10:35:00 PM	383700.000	74.001	17.986	168.670
28693.525	33132.453	20.897	22530.070	34.851
1.015	14.757			
3/19/2016 10:40:00 PM	384000.000	73.984	17.986	168.631
28689.287	33127.492	20.894	22526.697	34.856
1.015	14.756			
3/19/2016 10:45:00 PM	384300.000	74.003	17.986	168.677
28706.941	33147.945	20.908	22540.604	34.835
1.015	14.754			
3/19/2016 10:50:00 PM	384600.000	74.003	17.986	168.676
28714.902	33157.141	20.914	22546.855	34.825
1.015	14.758			
3/19/2016 10:55:00 PM	384900.000	73.977	17.986	168.616
28708.283	33149.496	20.909	22541.658	34.833
1.015	14.762			
3/19/2016 11:00:00 PM	385200.000	73.976	17.986	168.613
28698.773	33138.516	20.901	22534.193	34.845
1.015	14.766			
3/19/2016 11:05:00 PM	385500.000	74.000	17.986	168.669
28705.336	33145.773	20.906	22539.127	34.837
1.015	14.766			
3/19/2016 11:10:00 PM	385800.000	73.999	17.986	168.667
28705.266	33145.816	20.907	22539.158	34.837
1.015	14.765			
3/19/2016 11:15:00 PM	386100.000	74.001	17.986	168.670
28705.131	33145.789	20.906	22539.137	34.837
1.015	14.764			
3/19/2016 11:20:00 PM	386400.000	74.002	17.986	168.674
28722.104	33165.191	20.920	22552.332	34.816
1.015	14.764			
3/19/2016 11:25:00 PM	386700.000	74.007	17.986	168.684
28709.150	33150.301	20.910	22542.205	34.832
1.015	14.764			
3/19/2016 11:30:00 PM	387000.000	74.008	17.986	168.687
28714.012	33155.789	20.913	22545.939	34.826
1.015	14.764			
3/19/2016 11:35:00 PM	387300.000	74.005	17.986	168.680
28709.629	33150.852	20.910	22542.582	34.832
1.015	14.765			
3/19/2016 11:40:00 PM	387600.000	74.009	17.986	168.690
28713.396	33155.398	20.913	22545.674	34.827
1.015	14.766			
3/19/2016 11:45:00 PM	387900.000	74.002	17.985	168.674
28700.125	33140.203	20.903	22535.340	34.843

1.015	14.767			
3/19/2016 11:50:00 PM	388200.000	74.002	17.986	168.673
28708.164	33149.160	20.909	22541.432	34.833
1.015	14.766			
3/19/2016 11:55:00 PM	388500.000	73.983	17.986	168.631
28724.336	33167.898	20.922	22554.172	34.814
1.015	14.766			
3/20/2016 12:00:00 AM	388800.000	74.003	17.985	168.676
28715.332	33157.762	20.915	22547.279	34.825
1.015	14.765			
3/20/2016 12:05:00 AM	389100.000	74.006	17.986	168.683
28713.516	33155.539	20.913	22545.770	34.827
1.015	14.764			
3/20/2016 12:10:00 AM	389400.000	74.004	17.986	168.677
28689.318	33127.336	20.894	22526.588	34.856
1.015	14.764			
3/20/2016 12:15:00 AM	389700.000	74.004	17.985	168.679
28698.945	33138.840	20.902	22534.412	34.844
1.015	14.763			
3/20/2016 12:20:00 AM	390000.000	74.003	17.986	168.675
28709.215	33150.570	20.910	22542.389	34.832
1.015	14.765			
3/20/2016 12:25:00 AM	390300.000	74.002	17.986	168.673
28707.154	33147.871	20.908	22540.555	34.835
1.015	14.767			
3/20/2016 12:30:00 AM	390600.000	74.002	17.986	168.673
28719.162	33161.988	20.918	22550.154	34.820
1.015	14.768			
3/20/2016 12:35:00 AM	390900.000	74.007	17.986	168.684
28709.406	33150.406	20.910	22542.277	34.832
1.015	14.767			
3/20/2016 12:40:00 AM	391200.000	74.006	17.986	168.682
28708.344	33149.305	20.909	22541.529	34.833
1.015	14.765			
3/20/2016 12:45:00 AM	391500.000	74.001	17.986	168.671
28704.035	33144.395	20.906	22538.191	34.838
1.015	14.764			
3/20/2016 12:50:00 AM	391800.000	73.980	17.986	168.624
28696.174	33135.512	20.899	22532.150	34.848
1.015	14.765			
3/20/2016 12:55:00 AM	392100.000	73.996	17.986	168.659
28706.525	33147.332	20.908	22540.186	34.835
1.015	14.766			
3/20/2016 1:00:00 AM	392400.000	73.996	17.985	168.659
28711.326	33153.137	20.912	22544.135	34.829
1.015	14.768			
3/20/2016 1:05:00 AM	392700.000	73.992	17.986	168.650
28699.094	33138.621	20.902	22534.264	34.844
1.015	14.767			
3/20/2016 1:10:00 AM	393000.000	73.994	17.986	168.655
28725.305	33168.887	20.923	22554.844	34.813
1.015	14.766			
3/20/2016 1:15:00 AM	393300.000	73.993	17.986	168.653
28702.447	33142.688	20.904	22537.029	34.840
1.015	14.765			
3/20/2016 1:20:00 AM	393600.000	73.995	17.986	168.657
28710.732	33152.188	20.911	22543.490	34.830
1.015	14.765			

3/20/2016 1:25:00 AM	393900.000	73.996	17.986	168.659
28720.102	33163.074	20.918	22550.893	34.819
1.015	14.764			
3/20/2016 1:30:00 AM	394200.000	73.992	17.986	168.651
28716.941	33159.492	20.916	22548.457	34.823
1.015	14.764			
3/20/2016 1:35:00 AM	394500.000	73.993	17.986	168.653
28724.480	33168.262	20.922	22554.418	34.814
1.015	14.764			
3/20/2016 1:40:00 AM	394800.000	73.972	17.985	168.605
28718.818	33161.918	20.918	22550.104	34.820
1.015	14.764			
3/20/2016 1:45:00 AM	395100.000	73.989	17.986	168.643
28707.840	33148.789	20.909	22541.180	34.834
1.015	14.765			
3/20/2016 1:50:00 AM	395400.000	73.990	17.985	168.645
28701.645	33142.027	20.904	22536.580	34.841
1.015	14.766			
3/20/2016 1:55:00 AM	395700.000	73.983	17.986	168.631
28702.592	33142.855	20.904	22537.145	34.840
1.015	14.768			
3/20/2016 2:00:00 AM	396000.000	73.980	17.986	168.624
28713.377	33155.438	20.913	22545.697	34.827
1.015	14.770			
3/20/2016 2:05:00 AM	396300.000	73.978	17.986	168.620
28726.027	33170.047	20.923	22555.633	34.812
1.015	14.769			
3/20/2016 2:10:00 AM	396600.000	73.983	17.985	168.630
28724.459	33168.371	20.922	22554.492	34.814
1.015	14.768			
3/20/2016 2:15:00 AM	396900.000	73.982	17.986	168.627
28724.717	33168.535	20.922	22554.605	34.813
1.015	14.767			
3/20/2016 2:20:00 AM	397200.000	73.978	17.986	168.618
28719.961	33162.980	20.918	22550.826	34.819
1.015	14.768			
3/20/2016 2:25:00 AM	397500.000	73.974	17.986	168.609
28720.424	33163.578	20.919	22551.232	34.818
1.015	14.769			
3/20/2016 2:30:00 AM	397800.000	73.972	17.986	168.606
28710.236	33151.813	20.911	22543.234	34.831
1.015	14.770			
3/20/2016 2:35:00 AM	398100.000	73.951	17.985	168.557
28708.021	33149.391	20.909	22541.588	34.833
1.015	14.772			
3/20/2016 2:40:00 AM	398400.000	73.969	17.985	168.598
28712.223	33154.301	20.912	22544.926	34.828
1.015	14.773			
3/20/2016 2:45:00 AM	398700.000	73.965	17.986	168.589
28689.217	33127.543	20.894	22526.730	34.856
1.015	14.775			
3/20/2016 2:50:00 AM	399000.000	73.967	17.985	168.594
28722.686	33166.254	20.921	22553.053	34.816
1.015	14.772			
3/20/2016 2:55:00 AM	399300.000	73.966	17.986	168.591
28713.736	33155.656	20.913	22545.848	34.827
1.015	14.770			
3/20/2016 3:00:00 AM	399600.000	73.966	17.986	168.592

28737.240	33182.797	20.932	22564.305	34.798
1.015	14.767			
3/20/2016 3:05:00 AM	399900.000	73.964	17.986	168.587
28689.799	33128.082	20.894	22527.098	34.856
1.015	14.769			
3/20/2016 3:10:00 AM	400200.000	73.960	17.986	168.578
28696.412	33135.852	20.900	22532.379	34.848
1.015	14.771			
3/20/2016 3:15:00 AM	400500.000	73.953	17.986	168.561
28704.826	33145.117	20.906	22538.682	34.837
1.015	14.773			
3/20/2016 3:20:00 AM	400800.000	73.954	17.986	168.565
28697.715	33137.223	20.901	22533.314	34.846
1.015	14.770			
3/20/2016 3:25:00 AM	401100.000	73.956	17.986	168.568
28702.906	33143.348	20.905	22537.477	34.840
1.015	14.768			
3/20/2016 3:30:00 AM	401400.000	73.959	17.986	168.575
28720.695	33163.758	20.919	22551.357	34.818
1.015	14.765			
3/20/2016 3:35:00 AM	401700.000	73.954	17.985	168.563
28723.332	33167.191	20.921	22553.689	34.815
1.015	14.764			
3/20/2016 3:40:00 AM	402000.000	73.956	17.986	168.569
28704.229	33144.680	20.906	22538.383	34.838
1.015	14.763			
3/20/2016 3:45:00 AM	402300.000	73.960	17.985	168.578
28714.393	33156.746	20.914	22546.590	34.826
1.015	14.763			
3/20/2016 3:50:00 AM	402600.000	73.958	17.986	168.573
28714.533	33156.645	20.914	22546.518	34.826
1.015	14.761			
3/20/2016 3:55:00 AM	402900.000	73.939	17.986	168.530
28716.846	33159.445	20.916	22548.426	34.823
1.015	14.760			
3/20/2016 4:00:00 AM	403200.000	73.939	17.986	168.530
28701.967	33142.266	20.904	22536.742	34.841
1.015	14.758			
3/20/2016 4:05:00 AM	403500.000	73.958	17.985	168.573
28711.498	33153.402	20.912	22544.314	34.829
1.015	14.759			
3/20/2016 4:10:00 AM	403800.000	73.961	17.986	168.580
28709.736	33151.105	20.910	22542.754	34.831
1.015	14.760			
3/20/2016 4:15:00 AM	404100.000	73.953	17.986	168.561
28711.307	33152.852	20.911	22543.939	34.829
1.015	14.762			
3/20/2016 4:20:00 AM	404400.000	73.955	17.986	168.565
28714.436	33156.660	20.914	22546.529	34.826
1.015	14.762			
3/20/2016 4:25:00 AM	404700.000	73.953	17.986	168.562
28711.412	33153.109	20.912	22544.117	34.829
1.015	14.763			
3/20/2016 4:30:00 AM	405000.000	73.932	17.985	168.514
28715.301	33157.727	20.915	22547.254	34.825
1.015	14.763			
3/20/2016 4:35:00 AM	405300.000	73.949	17.986	168.552
28717.820	33160.570	20.917	22549.189	34.822

1.015	14.764			
3/20/2016 4:40:00 AM	405600.000	73.946	17.986	168.546
28707.037	33148.117	20.908	22540.723	34.835
1.015	14.765			
3/20/2016 4:45:00 AM	405900.000	73.943	17.986	168.539
28703.701	33144.203	20.905	22538.059	34.839
1.015	14.766			
3/20/2016 4:50:00 AM	406200.000	73.925	17.985	168.498
28718.016	33160.930	20.917	22549.434	34.821
1.015	14.763			
3/20/2016 4:55:00 AM	406500.000	73.951	17.985	168.558
28715.451	33158.027	20.915	22547.461	34.824
1.015	14.761			
3/20/2016 5:00:00 AM	406800.000	73.934	17.985	168.519
28708.924	33150.492	20.910	22542.336	34.832
1.015	14.758			
3/20/2016 5:05:00 AM	407100.000	73.952	17.986	168.560
28712.613	33154.426	20.912	22545.012	34.828
1.015	14.758			
3/20/2016 5:10:00 AM	407400.000	73.955	17.986	168.566
28689.875	33128.301	20.894	22527.244	34.856
1.015	14.758			
3/20/2016 5:15:00 AM	407700.000	73.952	17.986	168.558
28699.586	33139.516	20.902	22534.871	34.844
1.015	14.758			
3/20/2016 5:20:00 AM	408000.000	73.955	17.986	168.566
28724.736	33168.426	20.922	22554.531	34.813
1.015	14.760			
3/20/2016 5:25:00 AM	408300.000	73.954	17.986	168.565
28708.430	33149.664	20.909	22541.773	34.833
1.015	14.761			
3/20/2016 5:30:00 AM	408600.000	73.953	17.986	168.562
28714.955	33157.262	20.914	22546.938	34.825
1.015	14.762			
3/20/2016 5:35:00 AM	408900.000	73.952	17.986	168.559
28692.988	33131.574	20.897	22529.473	34.852
1.015	14.764			
3/20/2016 5:40:00 AM	409200.000	73.955	17.986	168.566
28709.828	33150.961	20.910	22542.656	34.831
1.015	14.765			
3/20/2016 5:45:00 AM	409500.000	73.949	17.986	168.552
28706.520	33147.324	20.908	22540.182	34.835
1.015	14.767			
3/20/2016 5:50:00 AM	409800.000	73.949	17.986	168.553
28707.244	33148.297	20.908	22540.842	34.834
1.015	14.767			
3/20/2016 5:55:00 AM	410100.000	73.950	17.986	168.555
28715.215	33157.430	20.915	22547.055	34.825
1.015	14.766			
3/20/2016 6:00:00 AM	410400.000	73.956	17.986	168.569
28718.994	33161.926	20.918	22550.109	34.820
1.015	14.765			
3/20/2016 6:05:00 AM	410700.000	73.957	17.985	168.571
28695.504	33134.938	20.899	22531.760	34.849
1.015	14.764			
3/20/2016 6:10:00 AM	411000.000	73.957	17.986	168.571
28722.766	33166.082	20.921	22552.938	34.816
1.015	14.763			

3/20/2016 6:15:00 AM	411300.000	73.940	17.985	168.531
28696.963	33136.621	20.900	22532.904	34.847
1.015	14.762			
3/20/2016 6:20:00 AM	411600.000	73.965	17.986	168.589
28697.547	33136.836	20.900	22533.051	34.846
1.015	14.761			
3/20/2016 6:25:00 AM	411900.000	73.967	17.986	168.593
28706.955	33147.828	20.908	22540.525	34.835
1.015	14.760			
3/20/2016 6:30:00 AM	412200.000	73.965	17.985	168.588
28717.309	33160.047	20.916	22548.834	34.822
1.015	14.759			
3/20/2016 6:35:00 AM	412500.000	73.965	17.986	168.588
28711.555	33153.273	20.912	22544.229	34.829
1.015	14.761			
3/20/2016 6:40:00 AM	412800.000	73.966	17.985	168.592
28700.381	33140.500	20.903	22535.541	34.843
1.015	14.764			
3/20/2016 6:45:00 AM	413100.000	73.964	17.986	168.587
28711.367	33152.859	20.911	22543.947	34.829
1.015	14.766			
3/20/2016 6:50:00 AM	413400.000	73.968	17.986	168.596
28709.820	33151.203	20.910	22542.820	34.831
1.015	14.766			
3/20/2016 6:55:00 AM	413700.000	73.947	17.986	168.548
28703.172	33143.398	20.905	22537.514	34.839
1.015	14.766			
3/20/2016 7:00:00 AM	414000.000	73.968	17.985	168.596
28708.793	33150.281	20.910	22542.193	34.833
1.015	14.767			
3/20/2016 7:05:00 AM	414300.000	73.972	17.985	168.604
28714.180	33156.434	20.914	22546.375	34.826
1.015	14.767			
3/20/2016 7:10:00 AM	414600.000	73.971	17.985	168.603
28693.637	33132.781	20.897	22530.293	34.851
1.015	14.767			
3/20/2016 7:15:00 AM	414900.000	73.978	17.986	168.618
28706.563	33147.570	20.908	22540.348	34.835
1.015	14.766			
3/20/2016 7:20:00 AM	415200.000	73.979	17.985	168.622
28705.221	33146.461	20.907	22539.594	34.837
1.015	14.765			
3/20/2016 7:25:00 AM	415500.000	73.981	17.985	168.626
28703.230	33143.789	20.905	22537.779	34.839
1.015	14.763			
3/20/2016 7:30:00 AM	415800.000	73.963	17.986	168.585
28707.939	33149.098	20.909	22541.387	34.834
1.015	14.761			
3/20/2016 7:35:00 AM	416100.000	73.989	17.985	168.644
28713.285	33155.590	20.913	22545.801	34.827
1.015	14.761			
3/20/2016 7:40:00 AM	416400.000	73.987	17.985	168.640
28699.572	33139.691	20.902	22534.992	34.844
1.015	14.762			
3/20/2016 7:45:00 AM	416700.000	73.988	17.986	168.642
28719.082	33162.027	20.918	22550.180	34.820
1.015	14.762			
3/20/2016 7:50:00 AM	417000.000	73.991	17.986	168.649

28709.809	33151.063	20.910	22542.725	34.831
1.015	14.765			
3/20/2016 7:55:00 AM	417300.000	73.989	17.986	168.644
28709.889	33151.410	20.910	22542.959	34.831
1.015	14.768			
3/20/2016 8:00:00 AM	417600.000	73.988	17.986	168.642
28716.658	33159.168	20.916	22548.234	34.823
1.015	14.771			
3/20/2016 8:05:00 AM	417900.000	73.992	17.986	168.650
28702.709	33142.555	20.904	22536.938	34.840
1.015	14.770			
3/20/2016 8:10:00 AM	418200.000	73.993	17.985	168.652
28711.721	33153.719	20.912	22544.531	34.829
1.015	14.770			
3/20/2016 8:15:00 AM	418500.000	73.997	17.986	168.663
28716.162	33158.523	20.915	22547.799	34.824
1.015	14.769			
3/20/2016 8:20:00 AM	418800.000	74.000	17.985	168.668
28694.555	33133.770	20.898	22530.965	34.850
1.015	14.769			
3/20/2016 8:25:00 AM	419100.000	73.983	17.985	168.630
28693.205	33132.281	20.897	22529.953	34.851
1.015	14.769			
3/20/2016 8:30:00 AM	419400.000	74.003	17.986	168.675
28705.666	33146.406	20.907	22539.559	34.836
1.015	14.769			
3/20/2016 8:35:00 AM	419700.000	73.987	17.985	168.640
28716.676	33159.383	20.916	22548.381	34.823
1.015	14.770			
3/20/2016 8:40:00 AM	420000.000	74.007	17.986	168.684
28725.598	33169.355	20.923	22555.162	34.812
1.015	14.770			
3/20/2016 8:45:00 AM	420300.000	74.008	17.986	168.686
28715.010	33157.262	20.914	22546.938	34.825
1.015	14.770			
3/20/2016 8:50:00 AM	420600.000	73.988	17.986	168.641
28718.311	33160.941	20.917	22549.439	34.821
1.015	14.771			
3/20/2016 8:55:00 AM	420900.000	74.010	17.986	168.692
28714.520	33156.313	20.914	22546.293	34.826
1.015	14.771			
3/20/2016 9:00:00 AM	421200.000	74.017	17.985	168.707
28718.268	33161.281	20.917	22549.674	34.821
1.015	14.772			
3/20/2016 9:05:00 AM	421500.000	74.012	17.985	168.696
28706.205	33147.223	20.907	22540.111	34.836
1.015	14.772			
3/20/2016 9:10:00 AM	421800.000	74.021	17.986	168.716
28702.615	33142.816	20.904	22537.117	34.840
1.015	14.772			
3/20/2016 9:15:00 AM	422100.000	74.022	17.986	168.718
28696.617	33135.828	20.900	22532.363	34.847
1.015	14.772			
3/20/2016 9:20:00 AM	422400.000	74.022	17.985	168.718
28713.318	33155.438	20.913	22545.697	34.827
1.015	14.770			
3/20/2016 9:25:00 AM	422700.000	74.023	17.986	168.721
28712.553	33154.105	20.912	22544.793	34.828



1.015	14.769			
3/20/2016 9:30:00 AM	423000.000	74.029	17.985	168.735
28719.689	33162.863	20.918	22550.748	34.819
1.015	14.767			
3/20/2016 9:35:00 AM	423300.000	74.032	17.986	168.741
28698.076	33137.574	20.901	22533.553	34.846
1.015	14.768			
3/20/2016 9:40:00 AM	423600.000	74.028	17.986	168.734
28726.584	33170.629	20.924	22556.029	34.811
1.015	14.770			
3/20/2016 9:45:00 AM	423900.000	74.034	17.986	168.747
28709.121	33150.523	20.910	22542.357	34.832
1.015	14.771			
3/20/2016 9:50:00 AM	424200.000	74.031	17.986	168.740
28717.508	33159.828	20.916	22548.686	34.822
1.015	14.772			
3/20/2016 9:55:00 AM	424500.000	74.032	17.986	168.742
28713.078	33155.094	20.913	22545.465	34.827
1.015	14.773			
3/20/2016 10:00:00 AM	424800.000	74.012	17.986	168.697
28700.627	33140.715	20.903	22535.686	34.842
1.015	14.773			
3/20/2016 10:05:00 AM	425100.000	74.033	17.985	168.744
28689.254	33127.840	20.894	22526.932	34.856
1.015	14.771			
3/20/2016 10:10:00 AM	425400.000	74.038	17.986	168.756
28697.539	33137.152	20.900	22533.264	34.846
1.015	14.769			
3/20/2016 10:15:00 AM	425700.000	74.046	17.985	168.774
28714.766	33157.176	20.914	22546.881	34.825
1.015	14.767			
3/20/2016 10:20:00 AM	426000.000	74.021	17.986	168.717
28696.119	33135.512	20.899	22532.150	34.848
1.015	14.769			
3/20/2016 10:25:00 AM	426300.000	74.038	17.986	168.757
28711.396	33153.023	20.912	22544.059	34.829
1.015	14.771			
3/20/2016 10:30:00 AM	426600.000	74.021	17.986	168.718
28707.395	33148.469	20.908	22540.961	34.834
1.015	14.773			
3/20/2016 10:35:00 AM	426900.000	74.040	17.986	168.760
28718.895	33161.242	20.917	22549.646	34.820
1.015	14.773			
3/20/2016 10:40:00 AM	427200.000	74.018	17.986	168.709
28721.094	33164.152	20.919	22551.625	34.818
1.015	14.774			
3/20/2016 10:45:00 AM	427500.000	74.037	17.986	168.754
28706.621	33147.441	20.908	22540.260	34.835
1.015	14.774			
3/20/2016 10:50:00 AM	427800.000	74.044	17.986	168.768
28707.346	33148.094	20.908	22540.705	34.834
1.015	14.773			
3/20/2016 10:55:00 AM	428100.000	74.046	17.986	168.773
28698.871	33138.430	20.901	22534.135	34.845
1.015	14.771			
3/20/2016 11:00:00 AM	428400.000	74.044	17.986	168.768
28706.158	33147.105	20.907	22540.031	34.836
1.015	14.770			

3/20/2016 11:05:00 AM	428700.000	74.045	17.986	168.772
28715.275	33157.375	20.915	22547.016	34.825
1.015	14.769			
3/20/2016 11:10:00 AM	429000.000	74.022	17.986	168.718
28715.402	33157.648	20.915	22547.203	34.825
1.015	14.768			
3/20/2016 11:15:00 AM	429300.000	74.046	17.986	168.774
28701.910	33142.070	20.904	22536.607	34.841
1.015	14.767			
3/20/2016 11:20:00 AM	429600.000	74.045	17.986	168.772
28726.693	33170.754	20.924	22556.113	34.811
1.015	14.769			
3/20/2016 11:25:00 AM	429900.000	74.042	17.986	168.765
28716.584	33158.762	20.915	22547.961	34.823
1.015	14.771			
3/20/2016 11:30:00 AM	430200.000	74.039	17.986	168.759
28704.752	33144.965	20.906	22538.578	34.837
1.015	14.773			
3/20/2016 11:35:00 AM	430500.000	74.036	17.986	168.750
28698.225	33137.746	20.901	22533.668	34.845
1.015	14.772			
3/20/2016 11:40:00 AM	430800.000	74.037	17.986	168.753
28713.908	33155.922	20.914	22546.027	34.826
1.015	14.771			
3/20/2016 11:45:00 AM	431100.000	74.019	17.985	168.712
28707.596	33148.828	20.909	22541.205	34.834
1.015	14.770			
3/20/2016 11:50:00 AM	431400.000	74.036	17.986	168.751
28728.070	33172.211	20.925	22557.104	34.809
1.015	14.770			
3/20/2016 11:55:00 AM	431700.000	74.037	17.986	168.753
28718.846	33161.691	20.918	22549.951	34.820
1.015	14.770			
3/20/2016 12:00:00 PM	432000.000	74.039	17.986	168.757
28719.641	33162.609	20.918	22550.576	34.819
1.015	14.769			
3/20/2016 12:05:00 PM	432300.000	74.034	17.986	168.745
28712.684	33154.441	20.912	22545.021	34.828
1.015	14.771			
3/20/2016 12:10:00 PM	432600.000	74.007	17.986	168.686
28718.307	33160.875	20.917	22549.396	34.821
1.015	14.773			
3/20/2016 12:15:00 PM	432900.000	74.031	17.986	168.739
28696.594	33135.801	20.900	22532.348	34.847
1.015	14.775			
3/20/2016 12:20:00 PM	433200.000	74.026	17.986	168.727
28707.695	33148.621	20.908	22541.063	34.834
1.015	14.775			
3/20/2016 12:25:00 PM	433500.000	74.006	17.985	168.683
28684.490	33122.148	20.890	22523.063	34.862
1.015	14.774			
3/20/2016 12:30:00 PM	433800.000	74.028	17.986	168.732
28722.834	33166.230	20.921	22553.037	34.816
1.015	14.774			
3/20/2016 12:35:00 PM	434100.000	74.020	17.986	168.714
28705.789	33146.480	20.907	22539.607	34.836
1.015	14.775			
3/20/2016 12:40:00 PM	434400.000	74.018	17.986	168.710

28706.104	33146.980	20.907	22539.947	34.836
1.015	14.776			
3/20/2016 12:45:00 PM	434700.000	74.017	17.986	168.708
28715.066	33157.195	20.914	22546.895	34.825
1.015	14.778			
3/20/2016 12:50:00 PM	435000.000	74.016	17.986	168.706
28716.305	33158.496	20.915	22547.779	34.823
1.015	14.779			
3/20/2016 12:55:00 PM	435300.000	73.992	17.986	168.651
28700.066	33139.938	20.902	22535.160	34.843
1.015	14.780			
3/20/2016 1:00:00 PM	435600.000	74.006	17.986	168.682
28712.381	33154.094	20.912	22544.785	34.828
1.015	14.781			
3/20/2016 1:05:00 PM	435900.000	74.004	17.986	168.679
28709.764	33150.941	20.910	22542.643	34.831
1.015	14.778			
3/20/2016 1:10:00 PM	436200.000	74.008	17.986	168.688
28713.262	33155.047	20.913	22545.434	34.827
1.015	14.775			
3/20/2016 1:15:00 PM	436500.000	74.007	17.986	168.686
28713.813	33155.813	20.913	22545.953	34.826
1.015	14.773			
3/20/2016 1:20:00 PM	436800.000	74.003	17.986	168.675
28705.414	33145.797	20.906	22539.145	34.837
1.015	14.773			
3/20/2016 1:25:00 PM	437100.000	74.005	17.986	168.680
28706.959	33147.832	20.908	22540.527	34.835
1.015	14.773			
3/20/2016 1:30:00 PM	437400.000	73.996	17.986	168.660
28708.090	33149.273	20.909	22541.508	34.833
1.015	14.773			
3/20/2016 1:35:00 PM	437700.000	73.990	17.985	168.646
28707.943	33149.230	20.909	22541.477	34.834
1.015	14.772			
3/20/2016 1:40:00 PM	438000.000	73.993	17.986	168.652
28723.709	33167.047	20.921	22553.592	34.814
1.015	14.772			
3/20/2016 1:45:00 PM	438300.000	73.994	17.986	168.656
28701.879	33142.031	20.904	22536.582	34.841
1.015	14.771			
3/20/2016 1:50:00 PM	438600.000	73.987	17.986	168.638
28715.496	33157.824	20.915	22547.322	34.824
1.015	14.771			
3/20/2016 1:55:00 PM	438900.000	73.983	17.985	168.631
28714.373	33156.723	20.914	22546.574	34.826
1.015	14.771			
3/20/2016 2:00:00 PM	439200.000	73.977	17.986	168.617
28711.512	33153.090	20.912	22544.102	34.829
1.015	14.771			
3/20/2016 2:05:00 PM	439500.000	73.982	17.986	168.627
28690.346	33128.785	20.895	22527.574	34.855
1.015	14.769			
3/20/2016 2:10:00 PM	439800.000	73.985	17.986	168.634
28707.080	33148.168	20.908	22540.754	34.835
1.015	14.767			
3/20/2016 2:15:00 PM	440100.000	73.980	17.985	168.624
28715.689	33158.305	20.915	22547.648	34.824

1.015	14.764			
3/20/2016 2:20:00 PM	440400.000	73.974	17.986	168.610
28724.930	33168.648	20.922	22554.682	34.813
1.015	14.766			
3/20/2016 2:25:00 PM	440700.000	73.965	17.986	168.589
28707.352	33148.422	20.908	22540.928	34.834
1.015	14.769			
3/20/2016 2:30:00 PM	441000.000	73.962	17.986	168.582
28690.588	33128.742	20.895	22527.547	34.855
1.015	14.771			
3/20/2016 2:35:00 PM	441300.000	73.963	17.986	168.584
28701.438	33141.590	20.904	22536.281	34.841
1.015	14.769			
3/20/2016 2:40:00 PM	441600.000	73.961	17.986	168.580
28699.982	33139.590	20.902	22534.924	34.843
1.015	14.767			
3/20/2016 2:45:00 PM	441900.000	73.958	17.986	168.574
28715.084	33157.348	20.914	22546.996	34.825
1.015	14.766			
3/20/2016 2:50:00 PM	442200.000	73.953	17.985	168.563
28708.842	33150.270	20.910	22542.186	34.832
1.015	14.766			
3/20/2016 2:55:00 PM	442500.000	73.947	17.985	168.549
28715.932	33158.523	20.915	22547.799	34.824
1.015	14.766			
3/20/2016 3:00:00 PM	442800.000	73.951	17.986	168.557
28705.289	33146.039	20.907	22539.309	34.837
1.015	14.766			
3/20/2016 3:05:00 PM	443100.000	73.945	17.985	168.544
28711.797	33153.809	20.912	22544.590	34.829
1.015	14.765			
3/20/2016 3:10:00 PM	443400.000	73.942	17.986	168.537
28723.307	33166.707	20.921	22553.361	34.815
1.015	14.764			
3/20/2016 3:15:00 PM	443700.000	73.923	17.985	168.493
28683.293	33121.023	20.889	22522.299	34.863
1.015	14.763			
3/20/2016 3:20:00 PM	444000.000	73.919	17.986	168.484
28714.295	33156.438	20.914	22546.377	34.826
1.015	14.763			
3/20/2016 3:25:00 PM	444300.000	73.912	17.986	168.469
28702.455	33142.766	20.904	22537.080	34.840
1.015	14.764			
3/20/2016 3:30:00 PM	444600.000	73.934	17.986	168.518
28705.109	33145.891	20.907	22539.205	34.837
1.015	14.764			
3/20/2016 3:35:00 PM	444900.000	73.928	17.986	168.506
28699.160	33138.961	20.902	22534.494	34.844
1.015	14.766			
3/20/2016 3:40:00 PM	445200.000	73.902	17.986	168.445
28706.555	33147.563	20.908	22540.342	34.835
1.015	14.768			
3/20/2016 3:45:00 PM	445500.000	73.912	17.985	168.468
28705.346	33146.230	20.907	22539.438	34.837
1.015	14.771			
3/20/2016 3:50:00 PM	445800.000	73.898	17.986	168.437
28707.205	33148.055	20.908	22540.678	34.834
1.015	14.767			

3/20/2016 3:55:00 PM	446100.000	73.920	17.985	168.487
28709.236	33151.098	20.910	22542.748	34.832
1.015	14.763			
3/20/2016 4:00:00 PM	446400.000	73.920	17.985	168.487
28703.543	33144.277	20.905	22538.111	34.839
1.015	14.760			
3/20/2016 4:05:00 PM	446700.000	73.891	17.986	168.421
28699.756	33139.648	20.902	22534.961	34.844
1.015	14.761			
3/20/2016 4:10:00 PM	447000.000	73.911	17.986	168.466
28718.998	33161.867	20.918	22550.072	34.820
1.015	14.762			
3/20/2016 4:15:00 PM	447300.000	73.908	17.985	168.458
28717.486	33160.379	20.917	22549.059	34.822
1.015	14.764			
3/20/2016 4:20:00 PM	447600.000	73.910	17.985	168.464
28707.510	33148.918	20.909	22541.266	34.834
1.015	14.762			
3/20/2016 4:25:00 PM	447900.000	73.889	17.986	168.416
28720.928	33164.098	20.919	22551.586	34.818
1.015	14.761			
3/20/2016 4:30:00 PM	448200.000	73.906	17.986	168.454
28701.926	33142.086	20.904	22536.621	34.841
1.015	14.760			
3/20/2016 4:35:00 PM	448500.000	73.899	17.985	168.439
28712.877	33155.055	20.913	22545.439	34.828
1.015	14.763			
3/20/2016 4:40:00 PM	448800.000	73.899	17.986	168.439
28712.551	33154.484	20.913	22545.049	34.828
1.015	14.767			
3/20/2016 4:45:00 PM	449100.000	73.890	17.985	168.417
28702.779	33143.336	20.905	22537.471	34.840
1.015	14.770			
3/20/2016 4:50:00 PM	449400.000	73.886	17.986	168.409
28700.432	33140.297	20.903	22535.404	34.843
1.015	14.769			
3/20/2016 4:55:00 PM	449700.000	73.889	17.985	168.416
28719.211	33162.371	20.918	22550.414	34.820
1.015	14.768			
3/20/2016 5:00:00 PM	450000.000	73.892	17.985	168.423
28704.805	33145.797	20.906	22539.145	34.837
1.015	14.767			
3/20/2016 5:05:00 PM	450300.000	73.894	17.985	168.427
28713.061	33155.395	20.913	22545.670	34.827
1.015	14.767			
3/20/2016 5:10:00 PM	450600.000	73.865	17.985	168.362
28710.832	33152.637	20.911	22543.795	34.830
1.015	14.768			
3/20/2016 5:15:00 PM	450900.000	73.883	17.985	168.403
28716.732	33159.449	20.916	22548.428	34.823
1.015	14.768			
3/20/2016 5:20:00 PM	451200.000	73.865	17.985	168.360
28705.705	33146.715	20.907	22539.766	34.836
1.015	14.766			
3/20/2016 5:25:00 PM	451500.000	73.887	17.986	168.411
28693.037	33131.953	20.897	22529.730	34.852
1.015	14.765			
3/20/2016 5:30:00 PM	451800.000	73.889	17.985	168.416

28707.488	33148.832	20.909	22541.207	34.834
1.015	14.763			
3/20/2016 5:35:00 PM	452100.000	73.891	17.985	168.420
28700.785	33141.094	20.903	22535.943	34.842
1.015	14.762			
3/20/2016 5:40:00 PM	452400.000	73.884	17.985	168.404
28707.723	33149.105	20.909	22541.393	34.834
1.015	14.761			
3/20/2016 5:45:00 PM	452700.000	73.866	17.985	168.364
28710.813	33152.672	20.911	22543.818	34.830
1.015	14.761			
3/20/2016 5:50:00 PM	453000.000	73.885	17.985	168.406
28714.707	33157.168	20.914	22546.877	34.825
1.015	14.762			
3/20/2016 5:55:00 PM	453300.000	73.886	17.985	168.409
28709.564	33151.102	20.910	22542.752	34.832
1.015	14.762			
3/20/2016 6:00:00 PM	453600.000	73.884	17.985	168.405
28716.137	33159.012	20.916	22548.131	34.824
1.015	14.763			
3/20/2016 6:05:00 PM	453900.000	73.887	17.986	168.410
28719.898	33162.906	20.918	22550.779	34.819
1.015	14.763			
3/20/2016 6:10:00 PM	454200.000	73.867	17.985	168.366
28716.100	33159.098	20.916	22548.189	34.824
1.015	14.764			
3/20/2016 6:15:00 PM	454500.000	73.883	17.985	168.401
28696.258	33135.805	20.900	22532.348	34.848
1.015	14.764			
3/20/2016 6:20:00 PM	454800.000	73.881	17.985	168.398
28727.377	33172.117	20.925	22557.039	34.810
1.015	14.765			
3/20/2016 6:25:00 PM	455100.000	73.861	17.985	168.353
28699.783	33139.938	20.902	22535.160	34.843
1.015	14.766			
3/20/2016 6:30:00 PM	455400.000	73.866	17.986	168.363
28716.400	33158.930	20.916	22548.072	34.823
1.015	14.767			
3/20/2016 6:35:00 PM	455700.000	73.879	17.985	168.394
28714.619	33157.129	20.914	22546.848	34.825
1.015	14.768			
3/20/2016 6:40:00 PM	456000.000	73.882	17.985	168.400
28701.783	33142.188	20.904	22536.688	34.841
1.015	14.768			
3/20/2016 6:45:00 PM	456300.000	73.887	17.985	168.412
28706.738	33147.969	20.908	22540.621	34.835
1.015	14.769			
3/20/2016 6:50:00 PM	456600.000	73.868	17.985	168.368
28721.473	33165.172	20.920	22552.316	34.817
1.015	14.769			
3/20/2016 6:55:00 PM	456900.000	73.885	17.985	168.406
28701.133	33141.621	20.904	22536.305	34.842
1.015	14.769			
3/20/2016 7:00:00 PM	457200.000	73.895	17.985	168.429
28711.385	33153.461	20.912	22544.355	34.829
1.015	14.769			
3/20/2016 7:05:00 PM	457500.000	73.888	17.985	168.413
28701.781	33142.563	20.904	22536.945	34.841

1.015	14.771			
3/20/2016 7:10:00 PM	457800.000	73.893	17.985	168.424
28714.010	33156.363	20.914	22546.330	34.826
1.015	14.772			
3/20/2016 7:15:00 PM	458100.000	73.888	17.985	168.413
28717.818	33160.824	20.917	22549.361	34.822
1.015	14.774			
3/20/2016 7:20:00 PM	458400.000	73.869	17.985	168.371
28703.621	33144.238	20.905	22538.084	34.839
1.015	14.772			
3/20/2016 7:25:00 PM	458700.000	73.892	17.985	168.424
28704.867	33145.867	20.907	22539.189	34.837
1.015	14.770			
3/20/2016 7:30:00 PM	459000.000	73.877	17.985	168.388
28700.127	33140.652	20.903	22535.646	34.843
1.015	14.768			
3/20/2016 7:35:00 PM	459300.000	73.896	17.985	168.433
28709.764	33151.652	20.911	22543.123	34.831
1.015	14.768			
3/20/2016 7:40:00 PM	459600.000	73.899	17.985	168.440
28696.090	33135.734	20.899	22532.299	34.848
1.015	14.768			
3/20/2016 7:45:00 PM	459900.000	73.881	17.985	168.398
28698.521	33138.672	20.902	22534.299	34.845
1.015	14.768			
3/20/2016 7:50:00 PM	460200.000	73.903	17.985	168.448
28706.195	33147.469	20.908	22540.281	34.836
1.015	14.768			
3/20/2016 7:55:00 PM	460500.000	73.907	17.985	168.457
28711.387	33153.527	20.912	22544.398	34.829
1.015	14.769			
3/20/2016 8:00:00 PM	460800.000	73.907	17.985	168.457
28692.666	33131.844	20.897	22529.656	34.852
1.015	14.770			
3/20/2016 8:05:00 PM	461100.000	73.910	17.985	168.464
28697.666	33137.434	20.901	22533.457	34.846
1.015	14.771			
3/20/2016 8:10:00 PM	461400.000	73.910	17.985	168.464
28724.844	33168.938	20.923	22554.879	34.813
1.015	14.773			
3/20/2016 8:15:00 PM	461700.000	73.911	17.985	168.466
28706.545	33147.742	20.908	22540.467	34.835
1.015	14.775			
3/20/2016 8:20:00 PM	462000.000	73.891	17.986	168.421
28717.533	33160.238	20.917	22548.963	34.822
1.015	14.778			
3/20/2016 8:25:00 PM	462300.000	73.912	17.986	168.467
28697.172	33136.727	20.900	22532.977	34.847
1.015	14.781			
3/20/2016 8:30:00 PM	462600.000	73.908	17.985	168.460
28692.693	33131.621	20.897	22529.502	34.852
1.015	14.784			
3/20/2016 8:35:00 PM	462900.000	73.913	17.986	168.471
28710.482	33151.965	20.911	22543.336	34.830
1.015	14.780			
3/20/2016 8:40:00 PM	463200.000	73.900	17.985	168.441
28702.760	33143.500	20.905	22537.580	34.840
1.015	14.777			

3/20/2016 8:45:00 PM	463500.000	73.923	17.985	168.493
28711.980	33154.020	20.912	22544.734	34.829
1.015	14.774			
3/20/2016 8:50:00 PM	463800.000	73.925	17.986	168.498
28719.111	33162.063	20.918	22550.203	34.820
1.015	14.775			
3/20/2016 8:55:00 PM	464100.000	73.927	17.985	168.502
28708.197	33149.973	20.909	22541.982	34.833
1.015	14.775			
3/20/2016 9:00:00 PM	464400.000	73.927	17.985	168.502
28696.729	33136.469	20.900	22532.801	34.847
1.015	14.776			
3/20/2016 9:05:00 PM	464700.000	73.934	17.985	168.519
28710.732	33152.578	20.911	22543.754	34.830
1.015	14.776			
3/20/2016 9:10:00 PM	465000.000	73.935	17.986	168.520
28715.842	33158.090	20.915	22547.502	34.824
1.015	14.775			
3/20/2016 9:15:00 PM	465300.000	73.934	17.986	168.519
28694.350	33133.340	20.898	22530.672	34.850
1.015	14.775			
3/20/2016 9:20:00 PM	465600.000	73.939	17.985	168.529
28708.949	33150.461	20.910	22542.316	34.832
1.015	14.773			
3/20/2016 9:25:00 PM	465900.000	73.943	17.985	168.538
28711.213	33153.262	20.912	22544.221	34.830
1.015	14.772			
3/20/2016 9:30:00 PM	466200.000	73.951	17.986	168.557
28705.951	33146.605	20.907	22539.691	34.836
1.015	14.771			
3/20/2016 9:35:00 PM	466500.000	73.948	17.985	168.550
28710.750	33152.848	20.911	22543.938	34.830
1.015	14.769			
3/20/2016 9:40:00 PM	466800.000	73.933	17.985	168.516
28689.217	33127.980	20.894	22527.029	34.856
1.015	14.768			
3/20/2016 9:45:00 PM	467100.000	73.943	17.985	168.539
28715.977	33158.637	20.915	22547.875	34.824
1.015	14.767			
3/20/2016 9:50:00 PM	467400.000	73.965	17.985	168.588
28719.627	33163.098	20.918	22550.906	34.819
1.015	14.769			
3/20/2016 9:55:00 PM	467700.000	73.960	17.986	168.578
28703.939	33144.480	20.906	22538.248	34.838
1.015	14.771			
3/20/2016 10:00:00 PM	468000.000	73.960	17.985	168.577
28701.691	33142.012	20.904	22536.570	34.841
1.015	14.773			
3/20/2016 10:05:00 PM	468300.000	73.940	17.985	168.532
28689.371	33127.785	20.894	22526.896	34.856
1.015	14.773			
3/20/2016 10:10:00 PM	468600.000	73.963	17.985	168.584
28707.008	33148.277	20.908	22540.828	34.835
1.015	14.773			
3/20/2016 10:15:00 PM	468900.000	73.964	17.986	168.586
28710.105	33151.531	20.910	22543.041	34.831
1.015	14.774			
3/20/2016 10:20:00 PM	469200.000	73.964	17.985	168.588



28703.977	33144.777	20.906	22538.451	34.838
1.015	14.774			
3/20/2016 10:25:00 PM	469500.000	73.965	17.985	168.588
28688.797	33127.313	20.894	22526.572	34.857
1.015	14.775			
3/20/2016 10:30:00 PM	469800.000	73.968	17.985	168.596
28715.607	33158.207	20.915	22547.580	34.824
1.015	14.776			
3/20/2016 10:35:00 PM	470100.000	73.971	17.985	168.602
28702.105	33142.680	20.904	22537.021	34.841
1.015	14.777			
3/20/2016 10:40:00 PM	470400.000	73.971	17.986	168.603
28719.771	33162.691	20.918	22550.633	34.819
1.015	14.778			
3/20/2016 10:45:00 PM	470700.000	73.955	17.986	168.566
28696.389	33135.824	20.900	22532.361	34.848
1.015	14.779			
3/20/2016 10:50:00 PM	471000.000	73.974	17.985	168.610
28708.340	33149.758	20.909	22541.838	34.833
1.015	14.779			
3/20/2016 10:55:00 PM	471300.000	73.974	17.985	168.609
28717.008	33159.699	20.916	22548.598	34.823
1.015	14.779			
3/20/2016 11:00:00 PM	471600.000	73.974	17.985	168.610
28696.807	33136.441	20.900	22532.781	34.847
1.015	14.779			
3/20/2016 11:05:00 PM	471900.000	73.979	17.985	168.621
28717.023	33159.785	20.916	22548.654	34.823
1.015	14.780			
3/20/2016 11:10:00 PM	472200.000	73.983	17.985	168.630
28706.359	33147.590	20.908	22540.363	34.835
1.015	14.780			
3/20/2016 11:15:00 PM	472500.000	73.982	17.985	168.628
28707.820	33149.215	20.909	22541.467	34.834
1.015	14.781			
3/20/2016 11:20:00 PM	472800.000	73.981	17.985	168.625
28714.645	33157.160	20.914	22546.869	34.825
1.015	14.781			
3/20/2016 11:25:00 PM	473100.000	73.982	17.985	168.628
28723.936	33168.016	20.922	22554.250	34.814
1.015	14.782			
3/20/2016 11:30:00 PM	473400.000	73.981	17.985	168.625
28712.273	33154.230	20.912	22544.879	34.828
1.015	14.782			
3/20/2016 11:35:00 PM	473700.000	73.985	17.985	168.635
28691.746	33130.719	20.896	22528.891	34.853
1.015	14.782			
3/20/2016 11:40:00 PM	474000.000	73.985	17.985	168.635
28708.125	33149.629	20.909	22541.750	34.833
1.015	14.782			
3/20/2016 11:45:00 PM	474300.000	73.986	17.985	168.637
28713.994	33156.219	20.914	22546.230	34.826
1.015	14.782			
3/20/2016 11:50:00 PM	474600.000	73.989	17.985	168.644
28707.932	33149.285	20.909	22541.516	34.834
1.015	14.781			
3/20/2016 11:55:00 PM	474900.000	73.983	17.985	168.629
28707.059	33148.211	20.908	22540.785	34.835

1.015	14.780			
3/21/2016 12:00:00 AM	475200.000	73.974	17.985	168.609
28719.084	33162.164	20.918	22550.271	34.820
1.015	14.779			
3/21/2016 12:05:00 AM	475500.000	73.988	17.985	168.641
28711.750	33153.695	20.912	22544.516	34.829
1.015	14.778			
3/21/2016 12:10:00 AM	475800.000	73.987	17.985	168.638
28699.441	33139.414	20.902	22534.803	34.844
1.015	14.777			
3/21/2016 12:15:00 AM	476100.000	73.992	17.985	168.650
28706.088	33147.090	20.907	22540.021	34.836
1.015	14.775			
3/21/2016 12:20:00 AM	476400.000	73.991	17.985	168.648
28711.830	33153.848	20.912	22544.619	34.829
1.015	14.776			
3/21/2016 12:25:00 AM	476700.000	73.990	17.985	168.645
28699.912	33140.211	20.903	22535.346	34.843
1.015	14.777			
3/21/2016 12:30:00 AM	477000.000	73.989	17.985	168.645
28693.557	33132.746	20.897	22530.268	34.851
1.015	14.777			
3/21/2016 12:35:00 AM	477300.000	73.993	17.986	168.653
28707.396	33148.535	20.908	22541.004	34.834
1.015	14.774			
3/21/2016 12:40:00 AM	477600.000	73.991	17.985	168.649
28722.238	33165.738	20.920	22552.703	34.816
1.015	14.771			
3/21/2016 12:45:00 AM	477900.000	73.999	17.986	168.666
28713.707	33155.758	20.913	22545.918	34.827
1.015	14.768			
3/21/2016 12:50:00 AM	478200.000	73.993	17.986	168.652
28725.633	33169.590	20.923	22555.322	34.812
1.015	14.772			
3/21/2016 12:55:00 AM	478500.000	73.987	17.985	168.639
28690.109	33128.957	20.895	22527.693	34.855
1.015	14.776			
3/21/2016 1:00:00 AM	478800.000	73.984	17.985	168.631
28712.467	33154.523	20.913	22545.076	34.828
1.015	14.780			
3/21/2016 1:05:00 AM	479100.000	73.988	17.986	168.642
28715.891	33158.281	20.915	22547.633	34.824
1.015	14.778			
3/21/2016 1:10:00 AM	479400.000	73.991	17.986	168.647
28722.297	33165.738	20.920	22552.703	34.816
1.015	14.776			
3/21/2016 1:15:00 AM	479700.000	73.990	17.985	168.647
28708.959	33150.594	20.910	22542.406	34.832
1.015	14.774			
3/21/2016 1:20:00 AM	480000.000	73.988	17.985	168.641
28704.676	33145.457	20.906	22538.912	34.838
1.015	14.775			
3/21/2016 1:25:00 AM	480300.000	73.971	17.986	168.602
28717.094	33159.730	20.916	22548.619	34.822
1.015	14.776			
3/21/2016 1:30:00 AM	480600.000	73.987	17.985	168.638
28700.043	33140.234	20.903	22535.359	34.843
1.015	14.778			

3/21/2016 1:35:00 AM	480900.000	73.985	17.985	168.635
28718.703	33161.656	20.917	22549.926	34.821
1.015	14.779			
3/21/2016 1:40:00 AM	481200.000	73.983	17.985	168.631
28691.150	33129.910	20.895	22528.342	34.854
1.015	14.780			
3/21/2016 1:45:00 AM	481500.000	73.982	17.985	168.627
28692.443	33131.590	20.897	22529.482	34.852
1.015	14.781			
3/21/2016 1:50:00 AM	481800.000	73.977	17.985	168.617
28709.615	33151.160	20.910	22542.789	34.832
1.015	14.783			
3/21/2016 1:55:00 AM	482100.000	73.977	17.986	168.616
28709.824	33151.273	20.910	22542.865	34.831
1.015	14.785			
3/21/2016 2:00:00 AM	482400.000	73.954	17.985	168.565
28701.822	33142.352	20.904	22536.801	34.841
1.015	14.787			
3/21/2016 2:05:00 AM	482700.000	73.971	17.986	168.604
28705.131	33145.723	20.906	22539.094	34.837
1.015	14.786			
3/21/2016 2:10:00 AM	483000.000	73.970	17.985	168.601
28700.191	33140.281	20.903	22535.391	34.843
1.015	14.786			
3/21/2016 2:15:00 AM	483300.000	73.973	17.985	168.608
28698.734	33138.598	20.901	22534.246	34.845
1.015	14.785			
3/21/2016 2:20:00 AM	483600.000	73.944	17.986	168.541
28689.209	33127.336	20.894	22526.588	34.856
1.015	14.785			
3/21/2016 2:25:00 AM	483900.000	73.966	17.985	168.592
28711.594	33153.516	20.912	22544.393	34.829
1.015	14.784			
3/21/2016 2:30:00 AM	484200.000	73.967	17.986	168.593
28698.002	33137.488	20.901	22533.492	34.846
1.015	14.783			
3/21/2016 2:35:00 AM	484500.000	73.968	17.985	168.597
28706.189	33147.332	20.908	22540.186	34.836
1.015	14.782			
3/21/2016 2:40:00 AM	484800.000	73.966	17.985	168.591
28707.734	33149.117	20.909	22541.400	34.834
1.015	14.780			
3/21/2016 2:45:00 AM	485100.000	73.964	17.985	168.586
28708.801	33150.477	20.910	22542.326	34.833
1.015	14.779			
3/21/2016 2:50:00 AM	485400.000	73.967	17.985	168.593
28698.662	33138.703	20.902	22534.318	34.845
1.015	14.779			
3/21/2016 2:55:00 AM	485700.000	73.960	17.985	168.578
28714.254	33156.645	20.914	22546.518	34.826
1.015	14.780			
3/21/2016 3:00:00 AM	486000.000	73.962	17.985	168.581
28717.703	33160.570	20.917	22549.189	34.822
1.015	14.781			
3/21/2016 3:05:00 AM	486300.000	73.939	17.985	168.529
28712.658	33154.742	20.913	22545.225	34.828
1.015	14.781			
3/21/2016 3:10:00 AM	486600.000	73.956	17.985	168.569

28708.293	33150.141	20.909	22542.098	34.833
1.015	14.781			
3/21/2016 3:15:00 AM	486900.000	73.953	17.985	168.563
28702.492	33143.125	20.905	22537.326	34.840
1.015	14.781			
3/21/2016 3:20:00 AM	487200.000	73.930	17.985	168.510
28703.281	33143.918	20.905	22537.867	34.839
1.015	14.783			
3/21/2016 3:25:00 AM	487500.000	73.945	17.985	168.543
28707.707	33149.277	20.909	22541.512	34.834
1.015	14.785			
3/21/2016 3:30:00 AM	487800.000	73.941	17.986	168.535
28701.623	33141.867	20.904	22536.473	34.841
1.015	14.787			
3/21/2016 3:35:00 AM	488100.000	73.947	17.985	168.548
28701.352	33141.875	20.904	22536.477	34.842
1.015	14.786			
3/21/2016 3:40:00 AM	488400.000	73.941	17.985	168.535
28722.273	33165.906	20.920	22552.818	34.816
1.015	14.784			
3/21/2016 3:45:00 AM	488700.000	73.947	17.985	168.548
28718.342	33161.367	20.917	22549.732	34.821
1.015	14.783			
3/21/2016 3:50:00 AM	489000.000	73.948	17.985	168.550
28712.947	33155.137	20.913	22545.496	34.827
1.015	14.782			
3/21/2016 3:55:00 AM	489300.000	73.945	17.985	168.544
28705.826	33147.043	20.907	22539.992	34.836
1.015	14.780			
3/21/2016 4:00:00 AM	489600.000	73.944	17.985	168.541
28708.924	33150.809	20.910	22542.551	34.832
1.015	14.778			
3/21/2016 4:05:00 AM	489900.000	73.944	17.985	168.540
28716.773	33159.555	20.916	22548.500	34.823
1.015	14.780			
3/21/2016 4:10:00 AM	490200.000	73.939	17.985	168.530
28709.801	33151.504	20.910	22543.023	34.831
1.015	14.782			
3/21/2016 4:15:00 AM	490500.000	73.932	17.985	168.515
28702.664	33143.324	20.905	22537.463	34.840
1.015	14.783			
3/21/2016 4:20:00 AM	490800.000	73.936	17.986	168.524
28703.662	33144.223	20.905	22538.072	34.839
1.015	14.783			
3/21/2016 4:25:00 AM	491100.000	73.938	17.985	168.527
28711.004	33152.766	20.911	22543.883	34.830
1.015	14.784			
3/21/2016 4:30:00 AM	491400.000	73.935	17.985	168.520
28714.861	33157.727	20.915	22547.254	34.825
1.015	14.784			
3/21/2016 4:35:00 AM	491700.000	73.931	17.985	168.512
28705.813	33147.027	20.907	22539.980	34.836
1.015	14.784			
3/21/2016 4:40:00 AM	492000.000	73.930	17.985	168.509
28724.658	33168.723	20.922	22554.732	34.813
1.015	14.783			
3/21/2016 4:45:00 AM	492300.000	73.932	17.985	168.513
28714.725	33157.438	20.915	22547.061	34.825

1.015	14.783			
3/21/2016 4:50:00 AM	492600.000	73.931	17.985	168.513
28705.500	33146.785	20.907	22539.816	34.837
1.015	14.784			
3/21/2016 4:55:00 AM	492900.000	73.930	17.985	168.509
28699.018	33139.371	20.902	22534.775	34.844
1.015	14.785			
3/21/2016 5:00:00 AM	493200.000	73.929	17.985	168.506
28708.016	33149.441	20.909	22541.623	34.833
1.015	14.786			
3/21/2016 5:05:00 AM	493500.000	73.928	17.985	168.504
28718.271	33161.531	20.917	22549.844	34.821
1.015	14.785			
3/21/2016 5:10:00 AM	493800.000	73.926	17.985	168.501
28702.000	33142.559	20.904	22536.939	34.841
1.015	14.785			
3/21/2016 5:15:00 AM	494100.000	73.922	17.985	168.491
28698.410	33138.223	20.901	22533.992	34.845
1.015	14.784			
3/21/2016 5:20:00 AM	494400.000	73.930	17.986	168.510
28700.236	33140.266	20.903	22535.381	34.843
1.015	14.783			
3/21/2016 5:25:00 AM	494700.000	73.926	17.985	168.500
28703.496	33144.414	20.906	22538.203	34.839
1.015	14.781			
3/21/2016 5:30:00 AM	495000.000	73.930	17.985	168.510
28713.861	33156.133	20.914	22546.172	34.826
1.015	14.780			
3/21/2016 5:35:00 AM	495300.000	73.910	17.985	168.464
28707.381	33148.836	20.909	22541.211	34.834
1.015	14.783			
3/21/2016 5:40:00 AM	495600.000	73.922	17.985	168.492
28721.041	33164.676	20.920	22551.980	34.818
1.015	14.787			
3/21/2016 5:45:00 AM	495900.000	73.921	17.985	168.488
28709.998	33151.922	20.911	22543.309	34.831
1.015	14.790			
3/21/2016 5:50:00 AM	496200.000	73.921	17.985	168.488
28706.381	33147.801	20.908	22540.504	34.835
1.015	14.786			
3/21/2016 5:55:00 AM	496500.000	73.927	17.985	168.502
28710.396	33152.254	20.911	22543.533	34.831
1.015	14.782			
3/21/2016 6:00:00 AM	496800.000	73.935	17.985	168.520
28712.928	33155.242	20.913	22545.564	34.828
1.015	14.779			
3/21/2016 6:05:00 AM	497100.000	73.931	17.985	168.512
28710.150	33151.969	20.911	22543.340	34.831
1.015	14.781			
3/21/2016 6:10:00 AM	497400.000	73.931	17.985	168.513
28706.395	33147.570	20.908	22540.348	34.835
1.015	14.783			
3/21/2016 6:15:00 AM	497700.000	73.931	17.985	168.512
28697.566	33137.438	20.901	22533.459	34.846
1.015	14.785			
3/21/2016 6:20:00 AM	498000.000	73.929	17.985	168.507
28708.379	33150.180	20.909	22542.123	34.833
1.015	14.787			

3/21/2016 6:25:00 AM	498300.000	73.925	17.985	168.497
28697.666	33137.555	20.901	22533.539	34.846
1.015	14.788			
3/21/2016 6:30:00 AM	498600.000	73.924	17.985	168.496
28690.875	33129.777	20.895	22528.250	34.854
1.015	14.789			
3/21/2016 6:35:00 AM	498900.000	73.931	17.985	168.511
28716.090	33158.828	20.916	22548.004	34.824
1.015	14.789			
3/21/2016 6:40:00 AM	499200.000	73.929	17.986	168.508
28696.656	33136.133	20.900	22532.572	34.847
1.015	14.788			
3/21/2016 6:45:00 AM	499500.000	73.913	17.985	168.470
28710.672	33152.383	20.911	22543.623	34.830
1.015	14.787			
3/21/2016 6:50:00 AM	499800.000	73.932	17.985	168.514
28710.900	33152.836	20.911	22543.928	34.830
1.015	14.786			
3/21/2016 6:55:00 AM	500100.000	73.939	17.985	168.530
28717.236	33160.281	20.917	22548.994	34.822
1.015	14.785			
3/21/2016 7:00:00 AM	500400.000	73.941	17.985	168.535
28713.111	33155.520	20.913	22545.756	34.827
1.015	14.784			
3/21/2016 7:05:00 AM	500700.000	73.938	17.985	168.529
28699.014	33139.293	20.902	22534.719	34.844
1.015	14.784			
3/21/2016 7:10:00 AM	501000.000	73.937	17.985	168.526
28698.029	33137.910	20.901	22533.781	34.846
1.015	14.785			
3/21/2016 7:15:00 AM	501300.000	73.943	17.985	168.540
28711.029	33153.113	20.912	22544.119	34.830
1.015	14.785			
3/21/2016 7:20:00 AM	501600.000	73.943	17.985	168.540
28710.076	33152.066	20.911	22543.408	34.831
1.015	14.786			
3/21/2016 7:25:00 AM	501900.000	73.941	17.985	168.535
28723.627	33167.340	20.921	22553.793	34.815
1.015	14.786			
3/21/2016 7:30:00 AM	502200.000	73.926	17.985	168.501
28709.912	33151.879	20.911	22543.277	34.831
1.015	14.786			
3/21/2016 7:35:00 AM	502500.000	73.946	17.985	168.545
28699.520	33139.824	20.902	22535.082	34.844
1.015	14.787			
3/21/2016 7:40:00 AM	502800.000	73.950	17.985	168.556
28702.342	33143.344	20.905	22537.477	34.840
1.015	14.788			
3/21/2016 7:45:00 AM	503100.000	73.949	17.985	168.553
28724.570	33168.430	20.922	22554.535	34.813
1.015	14.790			
3/21/2016 7:50:00 AM	503400.000	73.948	17.985	168.550
28715.873	33158.645	20.915	22547.881	34.824
1.015	14.791			
3/21/2016 7:55:00 AM	503700.000	73.954	17.985	168.563
28701.410	33142.008	20.904	22536.568	34.841
1.015	14.792			
3/21/2016 8:00:00 AM	504000.000	73.949	17.986	168.554

28709.309	33150.742	20.910	22542.508	34.832
1.015	14.794			
3/21/2016 8:05:00 AM	504300.000	73.955	17.985	168.567
28719.457	33162.715	20.918	22550.648	34.820
1.015	14.793			
3/21/2016 8:10:00 AM	504600.000	73.959	17.986	168.576
28692.148	33130.926	20.896	22529.029	34.853
1.015	14.793			
3/21/2016 8:15:00 AM	504900.000	73.960	17.985	168.578
28720.242	33163.809	20.919	22551.391	34.819
1.015	14.793			
3/21/2016 8:20:00 AM	505200.000	73.962	17.985	168.582
28713.188	33155.414	20.913	22545.684	34.827
1.015	14.791			
3/21/2016 8:25:00 AM	505500.000	73.963	17.985	168.585
28710.211	33152.168	20.911	22543.477	34.831
1.015	14.789			
3/21/2016 8:30:00 AM	505800.000	73.974	17.985	168.609
28698.725	33139.164	20.902	22534.631	34.845
1.015	14.787			
3/21/2016 8:35:00 AM	506100.000	73.967	17.985	168.593
28713.617	33155.781	20.913	22545.934	34.827
1.015	14.790			
3/21/2016 8:40:00 AM	506400.000	73.972	17.985	168.605
28691.713	33130.617	20.896	22528.822	34.853
1.015	14.794			
3/21/2016 8:45:00 AM	506700.000	73.969	17.985	168.599
28699.697	33139.711	20.902	22535.006	34.844
1.015	14.797			
3/21/2016 8:50:00 AM	507000.000	73.975	17.985	168.613
28718.939	33162.301	20.918	22550.365	34.820
1.015	14.797			
3/21/2016 8:55:00 AM	507300.000	73.977	17.985	168.616
28704.600	33145.496	20.906	22538.939	34.838
1.015	14.797			
3/21/2016 9:00:00 AM	507600.000	73.975	17.985	168.611
28717.008	33159.766	20.916	22548.641	34.823
1.015	14.798			
3/21/2016 9:05:00 AM	507900.000	73.972	17.985	168.604
28707.881	33149.160	20.909	22541.432	34.834
1.015	14.798			
3/21/2016 9:10:00 AM	508200.000	73.981	17.986	168.625
28715.041	33157.230	20.914	22546.916	34.825
1.015	14.798			
3/21/2016 9:15:00 AM	508500.000	73.986	17.985	168.637
28728.768	33173.465	20.926	22557.959	34.808
1.015	14.798			
3/21/2016 9:20:00 AM	508800.000	73.987	17.985	168.640
28710.574	33152.590	20.911	22543.762	34.830
1.015	14.799			
3/21/2016 9:25:00 AM	509100.000	73.990	17.986	168.646
28705.707	33146.520	20.907	22539.635	34.836
1.015	14.800			
3/21/2016 9:30:00 AM	509400.000	73.968	17.985	168.596
28719.170	33162.449	20.918	22550.467	34.820
1.015	14.800			
3/21/2016 9:35:00 AM	509700.000	73.975	17.985	168.611
28698.365	33138.238	20.901	22534.002	34.845

1.015	14.800				
3/21/2016 9:40:00 AM	51000.000	73.997	17.985	168.662	
28691.697	33130.660	20.896	22528.850	34.853	
1.015	14.799				
3/21/2016 9:45:00 AM	510300.000	74.001	17.985	168.670	
28712.020	33153.938	20.912	22544.680	34.829	
1.015	14.799				
3/21/2016 9:50:00 AM	510600.000	74.004	17.985	168.677	
28703.896	33144.688	20.906	22538.389	34.838	
1.015	14.799				
3/21/2016 9:55:00 AM	510900.000	74.008	17.985	168.688	
28721.096	33164.609	20.920	22551.938	34.818	
1.015	14.799				
3/21/2016 10:00:00 AM	511200.000	74.008	17.985	168.688	
28710.014	33151.996	20.911	22543.357	34.831	
1.015	14.800				
3/21/2016 10:05:00 AM	511500.000	74.004	17.985	168.678	
28730.305	33175.242	20.927	22559.166	34.806	
1.015	14.801				
3/21/2016 10:10:00 AM	511800.000	74.008	17.985	168.686	
28708.617	33150.137	20.909	22542.096	34.833	
1.015	14.803				
3/21/2016 10:15:00 AM	512100.000	74.008	17.985	168.688	
28720.420	33163.766	20.919	22551.363	34.818	
1.015	14.805				
3/21/2016 10:20:00 AM	512400.000	74.005	17.986	168.680	
28710.293	33151.879	20.911	22543.277	34.831	
1.015	14.803				
3/21/2016 10:25:00 AM	512700.000	74.014	17.985	168.701	
28714.680	33157.328	20.914	22546.984	34.825	
1.015	14.802				
3/21/2016 10:30:00 AM	513000.000	73.996	17.985	168.659	
28702.299	33143.031	20.905	22537.262	34.840	
1.015	14.800				
3/21/2016 10:35:00 AM	513300.000	74.020	17.986	168.715	
28703.102	33143.512	20.905	22537.588	34.839	
1.015	14.800				
3/21/2016 10:40:00 AM	513600.000	74.018	17.985	168.710	
28704.043	33144.855	20.906	22538.504	34.838	
1.015	14.799				
3/21/2016 10:45:00 AM	513900.000	74.018	17.985	168.711	
28709.975	33152.023	20.911	22543.379	34.831	
1.015	14.799				
3/21/2016 10:50:00 AM	514200.000	74.023	17.986	168.721	
28696.305	33135.469	20.899	22532.119	34.848	
1.015	14.802				
3/21/2016 10:55:00 AM	514500.000	74.000	17.985	168.669	
28710.125	33151.750	20.911	22543.189	34.831	
1.015	14.805				
3/21/2016 11:00:00 AM	514800.000	73.999	17.986	168.668	
28714.586	33156.773	20.914	22546.605	34.826	
1.015	14.807				
3/21/2016 11:05:00 AM	515100.000	74.023	17.985	168.720	
28701.732	33142.129	20.904	22536.650	34.841	
1.015	14.806				
3/21/2016 11:10:00 AM	515400.000	74.024	17.986	168.723	
28703.611	33143.965	20.905	22537.896	34.839	
1.015	14.804				



3/21/2016 11:15:00 AM	515700.000	74.005	17.985	168.680
28700.754	33141.250	20.903	22536.053	34.842
1.015	14.802			
3/21/2016 11:20:00 AM	516000.000	74.029	17.985	168.734
28708.754	33150.422	20.910	22542.287	34.833
1.015	14.803			
3/21/2016 11:25:00 AM	516300.000	74.026	17.986	168.729
28716.115	33158.539	20.915	22547.809	34.824
1.015	14.804			
3/21/2016 11:30:00 AM	516600.000	74.024	17.986	168.723
28708.865	33149.973	20.909	22541.982	34.832
1.015	14.806			
3/21/2016 11:35:00 AM	516900.000	74.025	17.985	168.726
28702.164	33142.625	20.904	22536.986	34.841
1.015	14.804			
3/21/2016 11:40:00 AM	517200.000	74.004	17.985	168.679
28698.963	33138.988	20.902	22534.514	34.844
1.015	14.803			
3/21/2016 11:45:00 AM	517500.000	74.027	17.985	168.730
28704.143	33145.098	20.906	22538.668	34.838
1.015	14.802			
3/21/2016 11:50:00 AM	517800.000	74.013	17.985	168.699
28702.818	33143.441	20.905	22537.543	34.840
1.015	14.802			
3/21/2016 11:55:00 AM	518100.000	74.024	17.986	168.723
28710.391	33151.793	20.911	22543.221	34.831
1.015	14.803			
3/21/2016 12:00:00 PM	518400.000	74.025	17.985	168.726
28698.002	33138.008	20.901	22533.846	34.846
1.015	14.803			
3/21/2016 12:05:00 PM	518700.000	74.007	17.985	168.684
28706.588	33147.664	20.908	22540.412	34.835
1.015	14.802			
3/21/2016 12:10:00 PM	519000.000	74.004	17.986	168.678
28724.584	33168.184	20.922	22554.367	34.813
1.015	14.801			
3/21/2016 12:15:00 PM	519300.000	74.024	17.985	168.724
28703.072	33143.676	20.905	22537.701	34.839
1.015	14.801			
3/21/2016 12:20:00 PM	519600.000	74.025	17.986	168.725
28695.699	33135.027	20.899	22531.820	34.848
1.015	14.800			
3/21/2016 12:25:00 PM	519900.000	74.023	17.986	168.721
28705.414	33146.246	20.907	22539.447	34.837
1.015	14.800			
3/21/2016 12:30:00 PM	520200.000	74.021	17.985	168.717
28696.416	33135.922	20.900	22532.430	34.848
1.015	14.800			
3/21/2016 12:35:00 PM	520500.000	74.001	17.985	168.671
28716.105	33158.844	20.916	22548.016	34.824
1.015	14.799			
3/21/2016 12:40:00 PM	520800.000	74.019	17.985	168.711
28711.744	33153.621	20.912	22544.465	34.829
1.015	14.797			
3/21/2016 12:45:00 PM	521100.000	74.018	17.986	168.709
28696.139	33135.402	20.899	22532.076	34.848
1.015	14.796			
3/21/2016 12:50:00 PM	521400.000	74.022	17.986	168.718

28719.770	33162.820	20.918	22550.721	34.819
1.015	14.793			
3/21/2016 12:55:00 PM	521700.000	74.025	17.985	168.726
28715.414	33158.113	20.915	22547.518	34.825
1.015	14.790			
3/21/2016 1:00:00 PM	522000.000	74.027	17.985	168.730
28692.477	33131.563	20.897	22529.465	34.852
1.015	14.787			
3/21/2016 1:05:00 PM	522300.000	74.019	17.985	168.713
28705.158	33146.082	20.907	22539.338	34.837
1.015	14.788			
3/21/2016 1:10:00 PM	522600.000	74.018	17.985	168.710
28704.650	33145.430	20.906	22538.893	34.838
1.015	14.789			
3/21/2016 1:15:00 PM	522900.000	74.017	17.986	168.708
28710.064	33151.551	20.910	22543.057	34.831
1.015	14.789			
3/21/2016 1:20:00 PM	523200.000	74.013	17.985	168.697
28695.938	33135.367	20.899	22532.051	34.848
1.015	14.790			
3/21/2016 1:25:00 PM	523500.000	74.009	17.985	168.690
28703.893	33144.621	20.906	22538.344	34.838
1.015	14.790			
3/21/2016 1:30:00 PM	523800.000	74.007	17.986	168.685
28708.482	33149.727	20.909	22541.814	34.833
1.015	14.790			
3/21/2016 1:35:00 PM	524100.000	74.011	17.986	168.693
28709.047	33150.438	20.910	22542.297	34.832
1.015	14.787			
3/21/2016 1:40:00 PM	524400.000	74.012	17.985	168.695
28711.465	33153.367	20.912	22544.291	34.829
1.015	14.783			
3/21/2016 1:45:00 PM	524700.000	74.007	17.985	168.686
28707.982	33149.277	20.909	22541.512	34.834
1.015	14.779			
3/21/2016 1:50:00 PM	525000.000	74.001	17.986	168.672
28708.742	33149.957	20.909	22541.971	34.833
1.015	14.782			
3/21/2016 1:55:00 PM	525300.000	73.980	17.985	168.624
28697.936	33137.863	20.901	22533.748	34.846
1.015	14.784			
3/21/2016 2:00:00 PM	525600.000	73.999	17.985	168.666
28705.494	33146.473	20.907	22539.602	34.837
1.015	14.787			
3/21/2016 2:05:00 PM	525900.000	73.991	17.985	168.649
28714.240	33156.758	20.914	22546.596	34.826
1.015	14.786			
3/21/2016 2:10:00 PM	526200.000	73.993	17.985	168.653
28711.727	33153.668	20.912	22544.494	34.829
1.015	14.785			
3/21/2016 2:15:00 PM	526500.000	73.990	17.985	168.646
28708.666	33150.133	20.909	22542.092	34.833
1.015	14.784			
3/21/2016 2:20:00 PM	526800.000	73.989	17.986	168.644
28706.473	33147.270	20.908	22540.145	34.835
1.015	14.781			
3/21/2016 2:25:00 PM	527100.000	73.986	17.985	168.636
28701.900	33142.254	20.904	22536.734	34.841

1.015	14.779			
3/21/2016 2:30:00 PM	527400.000	73.986	17.986	168.637
28706.551	33147.426	20.908	22540.250	34.835
1.015	14.776			
3/21/2016 2:35:00 PM	527700.000	73.983	17.985	168.631
28715.043	33157.684	20.915	22547.227	34.825
1.015	14.776			
3/21/2016 2:40:00 PM	528000.000	73.983	17.985	168.629
28712.662	33154.871	20.913	22545.313	34.828
1.015	14.776			
3/21/2016 2:45:00 PM	528300.000	73.956	17.986	168.568
28697.973	33137.652	20.901	22533.604	34.846
1.015	14.776			
3/21/2016 2:50:00 PM	528600.000	73.976	17.985	168.614
28707.965	33149.383	20.909	22541.580	34.834
1.015	14.776			
3/21/2016 2:55:00 PM	528900.000	73.952	17.985	168.559
28716.465	33159.199	20.916	22548.258	34.823
1.015	14.776			
3/21/2016 3:00:00 PM	529200.000	73.971	17.986	168.602
28704.252	33144.773	20.906	22538.447	34.838
1.015	14.776			
3/21/2016 3:05:00 PM	529500.000	73.967	17.985	168.593
28694.457	33134.105	20.898	22531.193	34.850
1.015	14.776			
3/21/2016 3:10:00 PM	529800.000	73.960	17.986	168.577
28708.016	33149.250	20.909	22541.490	34.833
1.015	14.776			
3/21/2016 3:15:00 PM	530100.000	73.962	17.986	168.582
28719.576	33162.535	20.918	22550.523	34.819
1.015	14.776			
3/21/2016 3:20:00 PM	530400.000	73.962	17.985	168.581
28691.865	33130.734	20.896	22528.902	34.853
1.015	14.772			
3/21/2016 3:25:00 PM	530700.000	73.966	17.985	168.591
28719.145	33162.234	20.918	22550.322	34.820
1.015	14.768			
3/21/2016 3:30:00 PM	531000.000	73.965	17.985	168.590
28716.725	33159.500	20.916	22548.461	34.823
1.015	14.764			
3/21/2016 3:35:00 PM	531300.000	73.962	17.986	168.583
28716.262	33158.641	20.915	22547.877	34.823
1.015	14.765			
3/21/2016 3:40:00 PM	531600.000	73.941	17.985	168.535
28696.688	33136.301	20.900	22532.686	34.847
1.015	14.767			
3/21/2016 3:45:00 PM	531900.000	73.953	17.985	168.562
28714.314	33156.906	20.914	22546.697	34.826
1.015	14.769			
3/21/2016 3:50:00 PM	532200.000	73.951	17.985	168.558
28710.934	33153.004	20.911	22544.045	34.830
1.015	14.770			
3/21/2016 3:55:00 PM	532500.000	73.941	17.985	168.535
28692.859	33132.262	20.897	22529.938	34.852
1.015	14.772			
3/21/2016 4:00:00 PM	532800.000	73.936	17.985	168.524
28700.535	33140.867	20.903	22535.789	34.843
1.015	14.774			

3/21/2016 4:05:00 PM	533100.000	73.935	17.985	168.520
28696.299	33135.914	20.900	22532.424	34.848
1.015	14.773			
3/21/2016 4:10:00 PM	533400.000	73.930	17.985	168.508
28707.879	33149.285	20.909	22541.516	34.834
1.015	14.772			
3/21/2016 4:15:00 PM	533700.000	73.931	17.985	168.512
28695.734	33135.508	20.899	22532.148	34.848
1.015	14.771			
3/21/2016 4:20:00 PM	534000.000	73.937	17.985	168.525
28695.902	33135.773	20.899	22532.328	34.848
1.015	14.772			
3/21/2016 4:25:00 PM	534300.000	73.926	17.985	168.500
28720.143	33163.637	20.919	22551.275	34.819
1.015	14.772			
3/21/2016 4:30:00 PM	534600.000	73.922	17.985	168.491
28721.102	33164.680	20.920	22551.982	34.818
1.015	14.773			
3/21/2016 4:35:00 PM	534900.000	73.923	17.985	168.494
28706.822	33148.191	20.908	22540.771	34.835
1.015	14.770			
3/21/2016 4:40:00 PM	535200.000	73.924	17.985	168.496
28712.238	33154.258	20.912	22544.896	34.828
1.015	14.768			
3/21/2016 4:45:00 PM	535500.000	73.903	17.985	168.449
28717.779	33160.715	20.917	22549.287	34.822
1.015	14.765			
3/21/2016 4:50:00 PM	535800.000	73.920	17.985	168.487
28722.668	33166.234	20.921	22553.039	34.816
1.015	14.767			
3/21/2016 4:55:00 PM	536100.000	73.920	17.986	168.487
28716.496	33158.910	20.916	22548.059	34.823
1.015	14.768			
3/21/2016 5:00:00 PM	536400.000	73.922	17.986	168.491
28702.297	33142.645	20.904	22536.998	34.840
1.015	14.770			
3/21/2016 5:05:00 PM	536700.000	73.900	17.985	168.440
28706.209	33147.355	20.908	22540.203	34.836
1.015	14.771			
3/21/2016 5:10:00 PM	537000.000	73.918	17.985	168.483
28694.516	33133.793	20.898	22530.979	34.850
1.015	14.772			
3/21/2016 5:15:00 PM	537300.000	73.916	17.985	168.478
28708.941	33150.832	20.910	22542.568	34.832
1.015	14.773			
3/21/2016 5:20:00 PM	537600.000	73.911	17.985	168.465
28714.010	33156.492	20.914	22546.416	34.826
1.015	14.775			
3/21/2016 5:25:00 PM	537900.000	73.912	17.985	168.468
28728.486	33173.207	20.925	22557.783	34.809
1.015	14.777			
3/21/2016 5:30:00 PM	538200.000	73.906	17.985	168.454
28727.945	33172.395	20.925	22557.230	34.809
1.015	14.779			
3/21/2016 5:35:00 PM	538500.000	73.902	17.985	168.446
28695.969	33135.473	20.899	22532.121	34.848
1.015	14.778			
3/21/2016 5:40:00 PM	538800.000	73.906	17.985	168.454

28714.145	33156.520	20.914	22546.434	34.826
1.015	14.778			
3/21/2016 5:45:00 PM	539100.000	73.903	17.985	168.449
28701.705	33142.219	20.904	22536.711	34.841
1.015	14.777			
3/21/2016 5:50:00 PM	539400.000	73.884	17.985	168.403
28705.826	33147.105	20.907	22540.031	34.836
1.015	14.777			
3/21/2016 5:55:00 PM	539700.000	73.903	17.985	168.447
28712.746	33155.152	20.913	22545.506	34.828
1.015	14.776			
3/21/2016 6:00:00 PM	540000.000	73.902	17.985	168.447
28695.504	33135.121	20.899	22531.883	34.849
1.015	14.776			
3/21/2016 6:05:00 PM	540300.000	73.898	17.986	168.436
28693.703	33132.527	20.897	22530.121	34.851
1.015	14.775			
3/21/2016 6:10:00 PM	540600.000	73.898	17.985	168.436
28704.820	33145.879	20.907	22539.197	34.837
1.015	14.774			
3/21/2016 6:15:00 PM	540900.000	73.903	17.985	168.448
28708.500	33150.063	20.909	22542.043	34.833
1.015	14.773			
3/21/2016 6:20:00 PM	541200.000	73.905	17.985	168.451
28709.324	33150.824	20.910	22542.563	34.832
1.015	14.773			
3/21/2016 6:25:00 PM	541500.000	73.885	17.985	168.406
28713.639	33155.934	20.914	22546.035	34.827
1.015	14.773			
3/21/2016 6:30:00 PM	541800.000	73.899	17.985	168.439
28710.105	33152.102	20.911	22543.430	34.831
1.015	14.774			
3/21/2016 6:35:00 PM	542100.000	73.896	17.985	168.431
28715.682	33158.613	20.915	22547.859	34.824
1.015	14.775			
3/21/2016 6:40:00 PM	542400.000	73.898	17.985	168.437
28715.949	33158.922	20.916	22548.066	34.824
1.015	14.776			
3/21/2016 6:45:00 PM	542700.000	73.895	17.985	168.430
28697.555	33137.742	20.901	22533.664	34.846
1.015	14.778			
3/21/2016 6:50:00 PM	543000.000	73.897	17.985	168.435
28702.225	33143.074	20.905	22537.293	34.841
1.015	14.776			
3/21/2016 6:55:00 PM	543300.000	73.900	17.985	168.442
28717.391	33160.461	20.917	22549.113	34.822
1.015	14.774			
3/21/2016 7:00:00 PM	543600.000	73.904	17.986	168.449
28712.748	33154.457	20.913	22545.033	34.828
1.015	14.772			
3/21/2016 7:05:00 PM	543900.000	73.903	17.985	168.448
28712.729	33155.074	20.913	22545.451	34.828
1.015	14.772			
3/21/2016 7:10:00 PM	544200.000	73.904	17.985	168.450
28693.842	33133.137	20.898	22530.535	34.851
1.015	14.772			
3/21/2016 7:15:00 PM	544500.000	73.925	17.985	168.497
28703.525	33144.387	20.905	22538.186	34.839

1.015	14.772				
3/21/2016 7:20:00 PM	544800.000	73.881	17.985	168.397	
28707.355	33149.133	20.909	22541.410	34.834	
1.015	14.773				
3/21/2016 7:25:00 PM	545100.000	73.905	17.985	168.452	
28713.740	33155.926	20.914	22546.029	34.827	
1.015	14.773				
3/21/2016 7:30:00 PM	545400.000	73.906	17.985	168.455	
28719.402	33162.969	20.918	22550.820	34.820	
1.015	14.773				
3/21/2016 7:35:00 PM	545700.000	73.905	17.985	168.453	
28717.504	33160.590	20.917	22549.201	34.822	
1.015	14.775				
3/21/2016 7:40:00 PM	546000.000	73.906	17.985	168.454	
28705.303	33146.309	20.907	22539.492	34.837	
1.015	14.777				
3/21/2016 7:45:00 PM	546300.000	73.882	17.985	168.399	
28705.324	33146.461	20.907	22539.594	34.837	
1.015	14.779				
3/21/2016 7:50:00 PM	546600.000	73.910	17.985	168.465	
28709.010	33150.531	20.910	22542.361	34.832	
1.015	14.776				
3/21/2016 7:55:00 PM	546900.000	73.891	17.985	168.420	
28704.768	33146.012	20.907	22539.289	34.837	
1.015	14.773				
3/21/2016 8:00:00 PM	547200.000	73.914	17.985	168.474	
28726.889	33171.426	20.924	22556.572	34.811	
1.015	14.770				
3/21/2016 8:05:00 PM	547500.000	73.919	17.985	168.483	
28712.143	33154.336	20.912	22544.951	34.828	
1.015	14.773				
3/21/2016 8:10:00 PM	547800.000	73.917	17.985	168.479	
28716.496	33159.297	20.916	22548.322	34.823	
1.015	14.775				
3/21/2016 8:15:00 PM	548100.000	73.896	17.985	168.432	
28716.398	33159.121	20.916	22548.205	34.823	
1.015	14.778				
3/21/2016 8:20:00 PM	548400.000	73.902	17.985	168.445	
28698.861	33139.063	20.902	22534.563	34.845	
1.015	14.777				
3/21/2016 8:25:00 PM	548700.000	73.924	17.985	168.495	
28686.676	33124.742	20.892	22524.826	34.859	
1.015	14.776				
3/21/2016 8:30:00 PM	549000.000	73.930	17.984	168.510	
28716.080	33159.336	20.916	22548.352	34.824	
1.015	14.774				
3/21/2016 8:35:00 PM	549300.000	73.929	17.985	168.508	
28731.744	33176.781	20.928	22560.211	34.805	
1.015	14.776				
3/21/2016 8:40:00 PM	549600.000	73.934	17.985	168.519	
28716.723	33159.438	20.916	22548.420	34.823	
1.015	14.777				
3/21/2016 8:45:00 PM	549900.000	73.929	17.985	168.507	
28705.582	33146.574	20.907	22539.672	34.836	
1.015	14.778				
3/21/2016 8:50:00 PM	550200.000	73.912	17.985	168.469	
28708.166	33149.676	20.909	22541.781	34.833	
1.015	14.780				

3/21/2016 8:55:00 PM	550500.000	73.936	17.985	168.522
28718.846	33162.195	20.918	22550.295	34.820
1.015	14.782			
3/21/2016 9:00:00 PM	550800.000	73.939	17.985	168.529
28702.410	33142.969	20.905	22537.221	34.840
1.015	14.784			
3/21/2016 9:05:00 PM	551100.000	73.938	17.985	168.527
28699.207	33139.211	20.902	22534.666	34.844
1.015	14.785			
3/21/2016 9:10:00 PM	551400.000	73.938	17.985	168.527
28714.746	33157.277	20.914	22546.949	34.825
1.015	14.787			
3/21/2016 9:15:00 PM	551700.000	73.939	17.985	168.530
28706.953	33148.594	20.908	22541.047	34.835
1.015	14.789			
3/21/2016 9:20:00 PM	552000.000	73.938	17.985	168.528
28710.547	33152.426	20.911	22543.652	34.830
1.015	14.790			
3/21/2016 9:25:00 PM	552300.000	73.946	17.985	168.546
28699.078	33139.121	20.902	22534.605	34.844
1.015	14.791			
3/21/2016 9:30:00 PM	552600.000	73.948	17.985	168.551
28698.014	33138.020	20.901	22533.855	34.846
1.015	14.792			
3/21/2016 9:35:00 PM	552900.000	73.945	17.985	168.544
28709.295	33151.109	20.910	22542.756	34.832
1.015	14.793			
3/21/2016 9:40:00 PM	553200.000	73.952	17.985	168.559
28711.258	33153.313	20.912	22544.252	34.830
1.015	14.793			
3/21/2016 9:45:00 PM	553500.000	73.956	17.986	168.568
28702.664	33143.070	20.905	22537.289	34.840
1.015	14.793			
3/21/2016 9:50:00 PM	553800.000	73.955	17.985	168.567
28717.107	33160.004	20.916	22548.803	34.822
1.015	14.794			
3/21/2016 9:55:00 PM	554100.000	73.957	17.985	168.570
28703.230	33144.164	20.905	22538.033	34.839
1.015	14.795			
3/21/2016 10:00:00 PM	554400.000	73.964	17.985	168.587
28725.732	33170.027	20.923	22555.621	34.812
1.015	14.796			
3/21/2016 10:05:00 PM	554700.000	73.960	17.985	168.577
28691.344	33130.645	20.896	22528.840	34.854
1.015	14.798			
3/21/2016 10:10:00 PM	555000.000	73.964	17.985	168.586
28690.053	33128.574	20.895	22527.434	34.855
1.015	14.800			
3/21/2016 10:15:00 PM	555300.000	73.942	17.985	168.537
28705.553	33147.051	20.907	22539.996	34.836
1.015	14.802			
3/21/2016 10:20:00 PM	555600.000	73.963	17.985	168.584
28695.748	33135.469	20.899	22532.119	34.848
1.015	14.801			
3/21/2016 10:25:00 PM	555900.000	73.968	17.985	168.595
28725.322	33169.672	20.923	22555.379	34.812
1.015	14.800			
3/21/2016 10:30:00 PM	556200.000	73.966	17.986	168.592

28716.098	33158.582	20.915	22547.836	34.824
1.015	14.799			
3/21/2016 10:35:00 PM	556500.000	73.973	17.985	168.607
28704.260	33145.352	20.906	22538.842	34.838
1.015	14.800			
3/21/2016 10:40:00 PM	556800.000	73.973	17.985	168.607
28706.033	33147.152	20.907	22540.066	34.836
1.015	14.801			
3/21/2016 10:45:00 PM	557100.000	73.972	17.985	168.605
28708.848	33150.465	20.910	22542.318	34.832
1.015	14.802			
3/21/2016 10:50:00 PM	557400.000	73.979	17.985	168.620
28724.164	33168.152	20.922	22554.344	34.814
1.015	14.801			
3/21/2016 10:55:00 PM	557700.000	73.957	17.985	168.572
28710.334	33152.500	20.911	22543.703	34.831
1.015	14.800			
3/21/2016 11:00:00 PM	558000.000	73.978	17.986	168.618
28724.371	33168.133	20.922	22554.330	34.814
1.015	14.799			
3/21/2016 11:05:00 PM	558300.000	73.985	17.985	168.636
28719.035	33162.168	20.918	22550.275	34.820
1.015	14.799			
3/21/2016 11:10:00 PM	558600.000	73.984	17.985	168.633
28707.334	33148.977	20.909	22541.305	34.834
1.015	14.799			
3/21/2016 11:15:00 PM	558900.000	73.984	17.985	168.633
28695.635	33135.465	20.899	22532.117	34.849
1.015	14.799			
3/21/2016 11:20:00 PM	559200.000	73.994	17.985	168.656
28714.602	33157.047	20.914	22546.795	34.825
1.015	14.802			
3/21/2016 11:25:00 PM	559500.000	73.985	17.985	168.635
28710.752	33152.543	20.911	22543.730	34.830
1.015	14.805			
3/21/2016 11:30:00 PM	559800.000	73.983	17.985	168.631
28703.893	33145.000	20.906	22538.602	34.838
1.015	14.808			
3/21/2016 11:35:00 PM	560100.000	73.985	17.985	168.635
28708.270	33149.863	20.909	22541.910	34.833
1.015	14.807			
3/21/2016 11:40:00 PM	560400.000	73.990	17.985	168.647
28720.148	33163.395	20.919	22551.111	34.819
1.015	14.805			
3/21/2016 11:45:00 PM	560700.000	73.973	17.985	168.608
28718.816	33162.160	20.918	22550.270	34.820
1.015	14.804			
3/21/2016 11:50:00 PM	561000.000	73.991	17.985	168.649
28719.830	33163.086	20.918	22550.900	34.819
1.015	14.803			
3/21/2016 11:55:00 PM	561300.000	73.997	17.986	168.662
28723.785	33167.457	20.922	22553.873	34.814
1.015	14.803			
3/22/2016 12:00:00 AM	561600.000	73.997	17.986	168.661
28703.965	33144.570	20.906	22538.309	34.838
1.015	14.803			
3/22/2016 12:05:00 AM	561900.000	73.997	17.986	168.663
28715.826	33158.008	20.915	22547.447	34.824



1.015	14.802				
3/22/2016 12:10:00 AM	562200.000	74.003	17.985	168.676	
28718.277	33161.293	20.917	22549.682	34.821	
1.015	14.801				
3/22/2016 12:15:00 AM	562500.000	73.987	17.986	168.639	
28717.387	33159.871	20.916	22548.713	34.822	
1.015	14.801				
3/22/2016 12:20:00 AM	562800.000	73.996	17.985	168.659	
28715.482	33158.258	20.915	22547.617	34.824	
1.015	14.803				
3/22/2016 12:25:00 AM	563100.000	73.999	17.985	168.667	
28717.643	33160.430	20.917	22549.094	34.822	
1.015	14.805				
3/22/2016 12:30:00 AM	563400.000	73.993	17.985	168.653	
28708.467	33150.211	20.910	22542.145	34.833	
1.015	14.807				
3/22/2016 12:35:00 AM	563700.000	74.000	17.985	168.669	
28716.057	33158.727	20.915	22547.936	34.824	
1.015	14.807				
3/22/2016 12:40:00 AM	564000.000	73.999	17.985	168.665	
28705.934	33146.910	20.907	22539.900	34.836	
1.015	14.808				
3/22/2016 12:45:00 AM	564300.000	73.999	17.986	168.667	
28717.664	33160.391	20.917	22549.066	34.822	
1.015	14.809				
3/22/2016 12:50:00 AM	564600.000	74.002	17.985	168.673	
28699.217	33139.281	20.902	22534.711	34.844	
1.015	14.809				
3/22/2016 12:55:00 AM	564900.000	73.993	17.985	168.652	
28705.414	33146.379	20.907	22539.537	34.837	
1.015	14.810				
3/22/2016 1:00:00 AM	565200.000	73.998	17.985	168.664	
28695.875	33135.422	20.899	22532.090	34.848	
1.015	14.810				
3/22/2016 1:05:00 AM	565500.000	73.998	17.985	168.664	
28714.426	33156.785	20.914	22546.613	34.826	
1.015	14.811				
3/22/2016 1:10:00 AM	565800.000	73.992	17.986	168.651	
28699.822	33139.465	20.902	22534.838	34.843	
1.015	14.812				
3/22/2016 1:15:00 AM	566100.000	73.994	17.985	168.656	
28722.795	33166.449	20.921	22553.186	34.816	
1.015	14.813				
3/22/2016 1:20:00 AM	566400.000	73.992	17.985	168.651	
28704.014	33144.949	20.906	22538.566	34.838	
1.015	14.812				
3/22/2016 1:25:00 AM	566700.000	73.994	17.985	168.654	
28706.092	33147.281	20.907	22540.154	34.836	
1.015	14.811				
3/22/2016 1:30:00 AM	567000.000	73.994	17.986	168.654	
28716.348	33158.871	20.916	22548.035	34.823	
1.015	14.810				
3/22/2016 1:35:00 AM	567300.000	73.997	17.985	168.663	
28714.561	33157.246	20.914	22546.928	34.826	
1.015	14.810				
3/22/2016 1:40:00 AM	567600.000	73.993	17.985	168.652	
28691.070	33130.066	20.896	22528.445	34.854	
1.015	14.809				

3/22/2016 1:45:00 AM	567900.000	73.992	17.985	168.650
28714.994	33157.441	20.915	22547.063	34.825
1.015	14.809			
3/22/2016 1:50:00 AM	568200.000	73.986	17.985	168.637
28718.107	33160.969	20.917	22549.459	34.821
1.015	14.810			
3/22/2016 1:55:00 AM	568500.000	73.989	17.986	168.644
28714.742	33157.016	20.914	22546.771	34.825
1.015	14.812			
3/22/2016 2:00:00 AM	568800.000	73.985	17.984	168.634
28717.711	33161.219	20.917	22549.629	34.822
1.015	14.813			
3/22/2016 2:05:00 AM	569100.000	73.985	17.985	168.634
28709.961	33152.008	20.911	22543.365	34.831
1.015	14.813			
3/22/2016 2:10:00 AM	569400.000	73.985	17.985	168.634
28717.109	33160.004	20.916	22548.803	34.822
1.015	14.813			
3/22/2016 2:15:00 AM	569700.000	73.981	17.985	168.625
28712.553	33154.930	20.913	22545.354	34.828
1.015	14.813			
3/22/2016 2:20:00 AM	570000.000	73.978	17.985	168.620
28719.459	33162.527	20.918	22550.520	34.820
1.015	14.813			
3/22/2016 2:25:00 AM	570300.000	73.981	17.985	168.626
28703.836	33144.617	20.906	22538.342	34.839
1.015	14.813			
3/22/2016 2:30:00 AM	570600.000	73.979	17.985	168.620
28711.445	33153.531	20.912	22544.402	34.829
1.015	14.812			
3/22/2016 2:35:00 AM	570900.000	73.978	17.985	168.619
28715.889	33158.594	20.915	22547.844	34.824
1.015	14.812			
3/22/2016 2:40:00 AM	571200.000	73.977	17.985	168.616
28696.695	33136.313	20.900	22532.693	34.847
1.015	14.812			
3/22/2016 2:45:00 AM	571500.000	73.974	17.985	168.611
28725.822	33170.133	20.923	22555.693	34.812
1.015	14.811			
3/22/2016 2:50:00 AM	571800.000	73.977	17.985	168.617
28698.725	33138.840	20.902	22534.412	34.845
1.015	14.811			
3/22/2016 2:55:00 AM	572100.000	73.970	17.986	168.599
28704.477	33145.160	20.906	22538.709	34.838
1.015	14.811			
3/22/2016 3:00:00 AM	572400.000	73.977	17.986	168.617
28713.463	33155.539	20.913	22545.770	34.827
1.015	14.811			
3/22/2016 3:05:00 AM	572700.000	73.969	17.985	168.599
28707.234	33148.668	20.908	22541.096	34.834
1.015	14.808			
3/22/2016 3:10:00 AM	573000.000	73.977	17.985	168.617
28702.215	33142.805	20.904	22537.109	34.841
1.015	14.805			
3/22/2016 3:15:00 AM	573300.000	73.972	17.985	168.606
28711.664	33153.977	20.912	22544.707	34.829
1.015	14.802			
3/22/2016 3:20:00 AM	573600.000	73.971	17.985	168.602

28709.125	33150.785	20.910	22542.533	34.832
1.015	14.804			
3/22/2016 3:25:00 AM	573900.000	73.964	17.985	168.588
28709.623	33151.297	20.910	22542.885	34.832
1.015	14.806			
3/22/2016 3:30:00 AM	574200.000	73.967	17.985	168.593
28709.623	33151.426	20.910	22542.973	34.832
1.015	14.807			
3/22/2016 3:35:00 AM	574500.000	73.961	17.985	168.581
28706.793	33148.480	20.908	22540.969	34.835
1.015	14.808			
3/22/2016 3:40:00 AM	574800.000	73.960	17.985	168.578
28704.992	33146.012	20.907	22539.289	34.837
1.015	14.808			
3/22/2016 3:45:00 AM	575100.000	73.956	17.985	168.569
28708.246	33149.953	20.909	22541.969	34.833
1.015	14.808			
3/22/2016 3:50:00 AM	575400.000	73.957	17.985	168.570
28717.402	33160.734	20.917	22549.299	34.822
1.015	14.808			
3/22/2016 3:55:00 AM	575700.000	73.953	17.985	168.561
28709.350	33150.855	20.910	22542.584	34.832
1.015	14.809			
3/22/2016 4:00:00 AM	576000.000	73.951	17.985	168.558
28726.201	33170.570	20.924	22555.990	34.811
1.015	14.809			
3/22/2016 4:05:00 AM	576300.000	73.925	17.985	168.498
28714.139	33156.453	20.914	22546.391	34.826
1.015	14.812			
3/22/2016 4:10:00 AM	576600.000	73.937	17.985	168.525
28713.793	33156.492	20.914	22546.416	34.826
1.015	14.814			
3/22/2016 4:15:00 AM	576900.000	73.916	17.985	168.478
28703.670	33144.426	20.906	22538.209	34.839
1.015	14.817			
3/22/2016 4:20:00 AM	577200.000	73.936	17.985	168.523
28705.477	33146.570	20.907	22539.670	34.837
1.015	14.815			
3/22/2016 4:25:00 AM	577500.000	73.937	17.985	168.525
28704.158	33144.930	20.906	22538.553	34.838
1.015	14.813			
3/22/2016 4:30:00 AM	577800.000	73.936	17.985	168.524
28700.268	33140.688	20.903	22535.670	34.843
1.015	14.811			
3/22/2016 4:35:00 AM	578100.000	73.939	17.985	168.530
28724.068	33167.852	20.922	22554.141	34.814
1.015	14.809			
3/22/2016 4:40:00 AM	578400.000	73.924	17.986	168.497
28719.582	33162.605	20.918	22550.574	34.819
1.015	14.807			
3/22/2016 4:45:00 AM	578700.000	73.923	17.985	168.493
28691.826	33131.066	20.896	22529.125	34.853
1.015	14.806			
3/22/2016 4:50:00 AM	579000.000	73.923	17.985	168.493
28710.699	33152.918	20.911	22543.986	34.830
1.015	14.806			
3/22/2016 4:55:00 AM	579300.000	73.938	17.985	168.528
28701.613	33142.176	20.904	22536.680	34.841

1.015	14.806			
3/22/2016 5:00:00 AM	579600.000	73.935	17.986	168.521
28710.947	33152.633	20.911	22543.793	34.830
1.015	14.806			
3/22/2016 5:05:00 AM	579900.000	73.909	17.985	168.462
28709.625	33151.547	20.910	22543.055	34.832
1.015	14.807			
3/22/2016 5:10:00 AM	580200.000	73.929	17.985	168.506
28705.232	33146.230	20.907	22539.438	34.837
1.015	14.809			
3/22/2016 5:15:00 AM	580500.000	73.927	17.985	168.501
28717.332	33160.070	20.916	22548.850	34.822
1.015	14.810			
3/22/2016 5:20:00 AM	580800.000	73.925	17.985	168.498
28705.848	33147.258	20.907	22540.137	34.836
1.015	14.812			
3/22/2016 5:25:00 AM	581100.000	73.923	17.985	168.492
28714.598	33157.105	20.914	22546.834	34.825
1.015	14.814			
3/22/2016 5:30:00 AM	581400.000	73.919	17.985	168.484
28701.295	33141.875	20.904	22536.477	34.842
1.015	14.816			
3/22/2016 5:35:00 AM	581700.000	73.921	17.985	168.488
28700.723	33141.266	20.903	22536.063	34.842
1.015	14.814			
3/22/2016 5:40:00 AM	582000.000	73.920	17.985	168.487
28699.889	33140.305	20.903	22535.410	34.843
1.015	14.813			
3/22/2016 5:45:00 AM	582300.000	73.923	17.985	168.494
28700.863	33141.246	20.903	22536.049	34.842
1.015	14.811			
3/22/2016 5:50:00 AM	582600.000	73.919	17.985	168.485
28720.209	33163.840	20.919	22551.412	34.819
1.015	14.814			
3/22/2016 5:55:00 AM	582900.000	73.923	17.985	168.494
28710.639	33152.473	20.911	22543.682	34.830
1.015	14.816			
3/22/2016 6:00:00 AM	583200.000	73.919	17.985	168.485
28718.941	33162.059	20.918	22550.199	34.820
1.015	14.819			
3/22/2016 6:05:00 AM	583500.000	73.913	17.985	168.471
28702.689	33143.613	20.905	22537.658	34.840
1.015	14.821			
3/22/2016 6:10:00 AM	583800.000	73.912	17.985	168.468
28712.094	33154.152	20.912	22544.824	34.829
1.015	14.823			
3/22/2016 6:15:00 AM	584100.000	73.910	17.985	168.463
28717.934	33160.895	20.917	22549.410	34.821
1.015	14.825			
3/22/2016 6:20:00 AM	584400.000	73.909	17.985	168.462
28709.406	33151.047	20.910	22542.713	34.832
1.015	14.823			
3/22/2016 6:25:00 AM	584700.000	73.911	17.985	168.465
28706.602	33148.262	20.908	22540.818	34.835
1.015	14.822			
3/22/2016 6:30:00 AM	585000.000	73.917	17.985	168.479
28699.176	33139.426	20.902	22534.811	34.844
1.015	14.821			

3/22/2016 6:35:00 AM	585300.000	73.913	17.985	168.471
28715.672	33158.660	20.915	22547.891	34.824
1.015	14.822			
3/22/2016 6:40:00 AM	585600.000	73.911	17.985	168.466
28711.865	33154.078	20.912	22544.775	34.829
1.015	14.824			
3/22/2016 6:45:00 AM	585900.000	73.897	17.985	168.435
28719.922	33163.438	20.919	22551.141	34.819
1.015	14.825			
3/22/2016 6:50:00 AM	586200.000	73.912	17.985	168.469
28720.461	33163.941	20.919	22551.480	34.818
1.015	14.828			
3/22/2016 6:55:00 AM	586500.000	73.905	17.985	168.453
28724.330	33168.602	20.922	22554.648	34.814
1.015	14.830			
3/22/2016 7:00:00 AM	586800.000	73.912	17.985	168.468
28719.191	33162.410	20.918	22550.439	34.820
1.015	14.833			
3/22/2016 7:05:00 AM	587100.000	73.909	17.985	168.462
28708.840	33150.523	20.910	22542.357	34.832
1.015	14.829			
3/22/2016 7:10:00 AM	587400.000	73.916	17.985	168.477
28705.938	33147.363	20.908	22540.209	34.836
1.015	14.826			
3/22/2016 7:15:00 AM	587700.000	73.903	17.986	168.448
28715.822	33158.262	20.915	22547.621	34.824
1.015	14.822			
3/22/2016 7:20:00 AM	588000.000	73.923	17.985	168.493
28703.553	33144.418	20.906	22538.207	34.839
1.015	14.824			
3/22/2016 7:25:00 AM	588300.000	73.898	17.985	168.436
28707.576	33149.180	20.909	22541.445	34.834
1.015	14.826			
3/22/2016 7:30:00 AM	588600.000	73.922	17.985	168.491
28732.273	33177.645	20.929	22560.801	34.804
1.015	14.828			
3/22/2016 7:35:00 AM	588900.000	73.917	17.985	168.481
28706.578	33147.844	20.908	22540.535	34.835
1.015	14.832			
3/22/2016 7:40:00 AM	589200.000	73.917	17.985	168.480
28707.844	33149.434	20.909	22541.617	34.834
1.015	14.836			
3/22/2016 7:45:00 AM	589500.000	73.918	17.985	168.481
28702.576	33143.035	20.905	22537.264	34.840
1.015	14.840			
3/22/2016 7:50:00 AM	589800.000	73.898	17.985	168.437
28696.809	33136.746	20.900	22532.990	34.847
1.015	14.837			
3/22/2016 7:55:00 AM	590100.000	73.930	17.985	168.508
28700.320	33140.617	20.903	22535.619	34.843
1.015	14.833			
3/22/2016 8:00:00 AM	590400.000	73.909	17.985	168.461
28690.088	33128.934	20.895	22527.678	34.855
1.015	14.830			
3/22/2016 8:05:00 AM	590700.000	73.930	17.985	168.509
28703.563	33144.363	20.905	22538.170	34.839
1.015	14.833			
3/22/2016 8:10:00 AM	591000.000	73.928	17.985	168.504

28710.936	33152.754	20.911	22543.875	34.830
1.015	14.836			
3/22/2016 8:15:00 AM	591300.000	73.931	17.985	168.512
28718.367	33161.523	20.917	22549.838	34.821
1.015	14.839			
3/22/2016 8:20:00 AM	591600.000	73.926	17.985	168.499
28713.563	33156.168	20.914	22546.195	34.827
1.015	14.841			
3/22/2016 8:25:00 AM	591900.000	73.933	17.985	168.515
28707.955	33149.500	20.909	22541.660	34.834
1.015	14.844			
3/22/2016 8:30:00 AM	592200.000	73.926	17.985	168.500
28705.680	33146.746	20.907	22539.787	34.836
1.015	14.847			
3/22/2016 8:35:00 AM	592500.000	73.929	17.985	168.508
28705.764	33147.219	20.907	22540.109	34.836
1.015	14.846			
3/22/2016 8:40:00 AM	592800.000	73.934	17.985	168.519
28708.867	33150.367	20.910	22542.252	34.832
1.015	14.845			
3/22/2016 8:45:00 AM	593100.000	73.941	17.985	168.534
28711.014	33152.902	20.911	22543.977	34.830
1.015	14.845			
3/22/2016 8:50:00 AM	593400.000	73.939	17.985	168.531
28703.738	33144.566	20.906	22538.305	34.839
1.015	14.846			
3/22/2016 8:55:00 AM	593700.000	73.925	17.985	168.499
28713.863	33156.516	20.914	22546.432	34.826
1.015	14.847			
3/22/2016 9:00:00 AM	594000.000	73.939	17.985	168.531
28706.281	33147.816	20.908	22540.516	34.836
1.015	14.847			
3/22/2016 9:05:00 AM	594300.000	73.947	17.985	168.548
28719.723	33162.961	20.918	22550.816	34.819
1.015	14.846			
3/22/2016 9:10:00 AM	594600.000	73.950	17.985	168.555
28710.508	33152.512	20.911	22543.711	34.830
1.015	14.845			
3/22/2016 9:15:00 AM	594900.000	73.958	17.985	168.573
28715.771	33158.398	20.915	22547.713	34.824
1.015	14.844			
3/22/2016 9:20:00 AM	595200.000	73.957	17.985	168.571
28694.270	33133.441	20.898	22530.740	34.850
1.015	14.847			
3/22/2016 9:25:00 AM	595500.000	73.953	17.985	168.563
28721.721	33165.586	20.920	22552.602	34.817
1.015	14.850			
3/22/2016 9:30:00 AM	595800.000	73.952	17.985	168.560
28699.570	33139.754	20.902	22535.035	34.844
1.015	14.853			
3/22/2016 9:35:00 AM	596100.000	73.957	17.986	168.571
28708.701	33149.910	20.909	22541.941	34.833
1.015	14.853			
3/22/2016 9:40:00 AM	596400.000	73.962	17.986	168.583
28698.400	33138.145	20.901	22533.941	34.845
1.015	14.854			
3/22/2016 9:45:00 AM	596700.000	73.946	17.985	168.545
28710.764	33152.676	20.911	22543.822	34.830

1.015	14.854			
3/22/2016 9:50:00 AM	597000.000	73.961	17.985	168.580
28714.137	33156.637	20.914	22546.514	34.826
1.015	14.854			
3/22/2016 9:55:00 AM	597300.000	73.970	17.985	168.601
28707.717	33149.344	20.909	22541.555	34.834
1.015	14.854			
3/22/2016 10:00:00 AM	597600.000	73.970	17.985	168.601
28718.297	33161.633	20.917	22549.912	34.821
1.015	14.855			
3/22/2016 10:05:00 AM	597900.000	73.972	17.985	168.606
28721.730	33165.219	20.920	22552.352	34.817
1.015	14.857			
3/22/2016 10:10:00 AM	598200.000	73.973	17.985	168.606
28707.020	33148.539	20.908	22541.006	34.835
1.015	14.859			
3/22/2016 10:15:00 AM	598500.000	73.972	17.986	168.604
28714.496	33156.730	20.914	22546.578	34.826
1.015	14.862			
3/22/2016 10:20:00 AM	598800.000	73.975	17.985	168.611
28721.924	33165.629	20.920	22552.627	34.817
1.015	14.860			
3/22/2016 10:25:00 AM	599100.000	73.982	17.985	168.627
28709.467	33151.438	20.910	22542.980	34.832
1.015	14.858			
3/22/2016 10:30:00 AM	599400.000	73.980	17.985	168.624
28714.109	33156.352	20.914	22546.320	34.826
1.015	14.857			
3/22/2016 10:35:00 AM	599700.000	73.982	17.985	168.629
28724.219	33168.152	20.922	22554.344	34.814
1.015	14.858			
3/22/2016 10:40:00 AM	600000.000	73.986	17.985	168.636
28704.326	33145.563	20.906	22538.984	34.838
1.015	14.859			
3/22/2016 10:45:00 AM	600300.000	73.983	17.985	168.631
28713.695	33155.941	20.914	22546.041	34.827
1.015	14.860			
3/22/2016 10:50:00 AM	600600.000	73.965	17.985	168.589
28698.689	33138.863	20.902	22534.430	34.845
1.015	14.861			
3/22/2016 10:55:00 AM	600900.000	73.985	17.985	168.635
28725.838	33170.215	20.923	22555.748	34.812
1.015	14.861			
3/22/2016 11:00:00 AM	601200.000	73.966	17.985	168.592
28707.449	33148.852	20.909	22541.219	34.834
1.015	14.862			
3/22/2016 11:05:00 AM	601500.000	73.991	17.985	168.648
28706.012	33147.191	20.907	22540.090	34.836
1.015	14.860			
3/22/2016 11:10:00 AM	601800.000	73.993	17.985	168.652
28716.779	33159.434	20.916	22548.416	34.823
1.015	14.859			
3/22/2016 11:15:00 AM	602100.000	73.994	17.985	168.656
28705.814	33147.027	20.907	22539.980	34.836
1.015	14.858			
3/22/2016 11:20:00 AM	602400.000	74.000	17.986	168.668
28722.922	33166.398	20.921	22553.152	34.815
1.015	14.859			

3/22/2016 11:25:00 AM	602700.000	74.000	17.985	168.670
28700.311	33140.793	20.903	22535.742	34.843
1.015	14.859			
3/22/2016 11:30:00 AM	603000.000	74.003	17.985	168.675
28705.068	33146.230	20.907	22539.438	34.837
1.015	14.860			
3/22/2016 11:35:00 AM	603300.000	73.982	17.985	168.629
28724.223	33168.219	20.922	22554.391	34.814
1.015	14.861			
3/22/2016 11:40:00 AM	603600.000	73.998	17.985	168.665
28712.799	33155.027	20.913	22545.420	34.828
1.015	14.861			
3/22/2016 11:45:00 AM	603900.000	74.000	17.985	168.669
28718.084	33161.387	20.917	22549.746	34.821
1.015	14.861			
3/22/2016 11:50:00 AM	604200.000	73.997	17.985	168.662
28707.105	33148.262	20.908	22540.818	34.835
1.015	14.862			
3/22/2016 11:55:00 AM	604500.000	74.001	17.986	168.670
28711.896	33153.406	20.912	22544.316	34.829
1.015	14.862			
3/22/2016 12:00:00 PM	604800.000	74.003	17.985	168.676
28709.646	33151.570	20.910	22543.070	34.831
1.015	14.862			
3/22/2016 12:05:00 PM	605100.000	74.001	17.986	168.672
28707.318	33148.383	20.908	22540.900	34.834
1.015	14.864			
3/22/2016 12:10:00 PM	605400.000	73.999	17.985	168.667
28717.172	33159.887	20.916	22548.723	34.822
1.015	14.865			
3/22/2016 12:15:00 PM	605700.000	74.001	17.985	168.670
28699.838	33140.449	20.903	22535.508	34.843
1.015	14.866			
3/22/2016 12:20:00 PM	606000.000	73.999	17.985	168.668
28720.355	33164.070	20.919	22551.568	34.819
1.015	14.863			
3/22/2016 12:25:00 PM	606300.000	74.004	17.985	168.678
28718.152	33161.207	20.917	22549.621	34.821
1.015	14.860			
3/22/2016 12:30:00 PM	606600.000	74.006	17.985	168.682
28717.359	33160.230	20.916	22548.957	34.822
1.015	14.857			
3/22/2016 12:35:00 PM	606900.000	74.000	17.985	168.668
28724.877	33168.914	20.923	22554.863	34.813
1.015	14.859			
3/22/2016 12:40:00 PM	607200.000	73.999	17.985	168.667
28695.434	33134.977	20.899	22531.785	34.849
1.015	14.860			
3/22/2016 12:45:00 PM	607500.000	73.997	17.985	168.663
28727.109	33171.430	20.924	22556.574	34.810
1.015	14.862			
3/22/2016 12:50:00 PM	607800.000	73.996	17.985	168.660
28720.836	33164.117	20.919	22551.602	34.818
1.015	14.865			
3/22/2016 12:55:00 PM	608100.000	73.988	17.986	168.642
28717.986	33160.699	20.917	22549.275	34.821
1.015	14.867			
3/22/2016 1:00:00 PM	608400.000	73.984	17.985	168.632



28719.574	33162.852	20.918	22550.740	34.819
1.015	14.870			
3/22/2016 1:05:00 PM	608700.000	73.993	17.985	168.652
28703.230	33143.789	20.905	22537.779	34.839
1.015	14.866			
3/22/2016 1:10:00 PM	609000.000	73.996	17.986	168.660
28720.141	33163.250	20.919	22551.010	34.819
1.015	14.862			
3/22/2016 1:15:00 PM	609300.000	73.996	17.985	168.660
28708.342	33149.879	20.909	22541.920	34.833
1.015	14.858			
3/22/2016 1:20:00 PM	609600.000	73.995	17.985	168.657
28706.875	33148.125	20.908	22540.727	34.835
1.015	14.856			
3/22/2016 1:25:00 PM	609900.000	73.997	17.986	168.663
28717.764	33160.504	20.917	22549.143	34.822
1.015	14.855			
3/22/2016 1:30:00 PM	610200.000	73.977	17.986	168.617
28716.678	33159.250	20.916	22548.293	34.823
1.015	14.853			
3/22/2016 1:35:00 PM	610500.000	73.996	17.985	168.660
28723.094	33167.305	20.921	22553.768	34.815
1.015	14.854			
3/22/2016 1:40:00 PM	610800.000	73.966	17.985	168.591
28726.922	33171.145	20.924	22556.379	34.811
1.015	14.854			
3/22/2016 1:45:00 PM	611100.000	73.991	17.985	168.647
28714.484	33156.910	20.914	22546.699	34.826
1.015	14.855			
3/22/2016 1:50:00 PM	611400.000	73.992	17.985	168.652
28707.029	33148.242	20.908	22540.807	34.835
1.015	14.853			
3/22/2016 1:55:00 PM	611700.000	73.991	17.985	168.648
28691.025	33129.766	20.895	22528.242	34.854
1.015	14.851			
3/22/2016 2:00:00 PM	612000.000	73.990	17.985	168.646
28712.059	33154.355	20.912	22544.963	34.829
1.015	14.849			
3/22/2016 2:05:00 PM	612300.000	73.987	17.985	168.639
28716.799	33159.902	20.916	22548.734	34.823
1.015	14.849			
3/22/2016 2:10:00 PM	612600.000	73.987	17.985	168.639
28714.488	33157.109	20.914	22546.834	34.826
1.015	14.849			
3/22/2016 2:15:00 PM	612900.000	73.985	17.985	168.634
28711.268	33153.391	20.912	22544.309	34.830
1.015	14.850			
3/22/2016 2:20:00 PM	613200.000	73.984	17.985	168.633
28719.270	33162.891	20.918	22550.766	34.820
1.015	14.848			
3/22/2016 2:25:00 PM	613500.000	73.979	17.985	168.621
28719.229	33162.391	20.918	22550.426	34.820
1.015	14.847			
3/22/2016 2:30:00 PM	613800.000	73.979	17.985	168.621
28707.242	33148.488	20.908	22540.975	34.834
1.015	14.846			
3/22/2016 2:35:00 PM	614100.000	73.981	17.985	168.626
28711.947	33154.301	20.912	22544.926	34.829

1.015	14.846			
3/22/2016 2:40:00 PM	614400.000	73.977	17.985	168.616
28707.900	33149.371	20.909	22541.572	34.834
1.015	14.845			
3/22/2016 2:45:00 PM	614700.000	73.969	17.985	168.597
28723.104	33166.738	20.921	22553.385	34.815
1.015	14.845			
3/22/2016 2:50:00 PM	615000.000	73.973	17.985	168.608
28708.359	33149.840	20.909	22541.891	34.833
1.015	14.844			
3/22/2016 2:55:00 PM	615300.000	73.948	17.985	168.550
28710.684	33152.523	20.911	22543.719	34.830
1.015	14.844			
3/22/2016 3:00:00 PM	615600.000	73.969	17.985	168.598
28719.691	33162.797	20.918	22550.703	34.819
1.015	14.843			
3/22/2016 3:05:00 PM	615900.000	73.944	17.985	168.541
28720.611	33163.988	20.919	22551.514	34.818
1.015	14.844			
3/22/2016 3:10:00 PM	616200.000	73.957	17.986	168.570
28714.287	33156.430	20.914	22546.373	34.826
1.015	14.844			
3/22/2016 3:15:00 PM	616500.000	73.937	17.985	168.526
28697.980	33137.980	20.901	22533.826	34.846
1.015	14.845			
3/22/2016 3:20:00 PM	616800.000	73.956	17.985	168.569
28703.389	33144.227	20.905	22538.074	34.839
1.015	14.842			
3/22/2016 3:25:00 PM	617100.000	73.960	17.985	168.579
28712.613	33154.691	20.913	22545.191	34.828
1.015	14.840			
3/22/2016 3:30:00 PM	617400.000	73.957	17.985	168.571
28701.850	33142.699	20.904	22537.037	34.841
1.015	14.837			
3/22/2016 3:35:00 PM	617700.000	73.957	17.985	168.571
28710.035	33151.773	20.911	22543.207	34.831
1.015	14.837			
3/22/2016 3:40:00 PM	618000.000	73.951	17.985	168.556
28717.930	33161.270	20.917	22549.666	34.821
1.015	14.838			
3/22/2016 3:45:00 PM	618300.000	73.945	17.985	168.543
28708.775	33150.320	20.910	22542.219	34.833
1.015	14.838			
3/22/2016 3:50:00 PM	618600.000	73.942	17.985	168.537
28721.119	33164.574	20.920	22551.910	34.818
1.015	14.838			
3/22/2016 3:55:00 PM	618900.000	73.941	17.985	168.534
28712.092	33154.395	20.912	22544.988	34.829
1.015	14.838			
3/22/2016 4:00:00 PM	619200.000	73.919	17.985	168.485
28702.801	33143.930	20.905	22537.875	34.840
1.015	14.838			
3/22/2016 4:05:00 PM	619500.000	73.943	17.985	168.540
28714.607	33157.246	20.914	22546.928	34.825
1.015	14.835			
3/22/2016 4:10:00 PM	619800.000	73.944	17.985	168.541
28700.832	33141.340	20.903	22536.111	34.842
1.015	14.833			

3/22/2016 4:15:00 PM	620100.000	73.940	17.985	168.532
28719.229	33162.520	20.918	22550.514	34.820
1.015	14.830			
3/22/2016 4:20:00 PM	620400.000	73.935	17.985	168.520
28727.102	33171.543	20.924	22556.652	34.810
1.015	14.831			
3/22/2016 4:25:00 PM	620700.000	73.930	17.985	168.508
28732.008	33177.465	20.928	22560.676	34.804
1.015	14.833			
3/22/2016 4:30:00 PM	621000.000	73.929	17.985	168.508
28706.221	33147.430	20.908	22540.252	34.836
1.015	14.835			
3/22/2016 4:35:00 PM	621300.000	73.926	17.985	168.499
28700.902	33141.477	20.903	22536.205	34.842
1.015	14.834			
3/22/2016 4:40:00 PM	621600.000	73.901	17.985	168.444
28714.898	33157.711	20.915	22547.244	34.825
1.015	14.834			
3/22/2016 4:45:00 PM	621900.000	73.924	17.985	168.496
28701.758	33142.461	20.904	22536.875	34.841
1.015	14.833			
3/22/2016 4:50:00 PM	622200.000	73.919	17.985	168.484
28708.932	33150.629	20.910	22542.430	34.832
1.015	14.834			
3/22/2016 4:55:00 PM	622500.000	73.916	17.985	168.477
28718.906	33161.891	20.918	22550.088	34.820
1.015	14.834			
3/22/2016 5:00:00 PM	622800.000	73.899	17.985	168.439
28706.367	33147.785	20.908	22540.494	34.835
1.015	14.835			
3/22/2016 5:05:00 PM	623100.000	73.913	17.985	168.470
28702.504	33143.141	20.905	22537.336	34.840
1.015	14.835			
3/22/2016 5:10:00 PM	623400.000	73.908	17.985	168.459
28723.080	33166.711	20.921	22553.363	34.815
1.015	14.835			
3/22/2016 5:15:00 PM	623700.000	73.906	17.985	168.454
28702.672	33143.273	20.905	22537.426	34.840
1.015	14.835			
3/22/2016 5:20:00 PM	624000.000	73.902	17.985	168.445
28725.834	33170.211	20.923	22555.746	34.812
1.015	14.834			
3/22/2016 5:25:00 PM	624300.000	73.900	17.985	168.441
28704.910	33145.855	20.907	22539.184	34.837
1.015	14.833			
3/22/2016 5:30:00 PM	624600.000	73.899	17.985	168.440
28708.820	33150.434	20.910	22542.295	34.833
1.015	14.832			
3/22/2016 5:35:00 PM	624900.000	73.903	17.985	168.448
28712.086	33154.203	20.912	22544.859	34.829
1.015	14.832			
3/22/2016 5:40:00 PM	625200.000	73.902	17.985	168.445
28722.627	33166.633	20.921	22553.313	34.816
1.015	14.831			
3/22/2016 5:45:00 PM	625500.000	73.901	17.985	168.443
28721.021	33164.707	20.920	22552.004	34.818
1.015	14.830			
3/22/2016 5:50:00 PM	625800.000	73.879	17.984	168.393

28709.246	33151.445	20.910	22542.984	34.832
1.015	14.833			
3/22/2016 5:55:00 PM	626100.000	73.875	17.985	168.384
28714.131	33156.750	20.914	22546.590	34.826
1.015	14.835			
3/22/2016 6:00:00 PM	626400.000	73.884	17.985	168.404
28703.502	33144.477	20.906	22538.246	34.839
1.015	14.838			
3/22/2016 6:05:00 PM	626700.000	73.888	17.984	168.414
28701.881	33142.941	20.904	22537.203	34.841
1.015	14.837			
3/22/2016 6:10:00 PM	627000.000	73.873	17.985	168.379
28700.002	33140.434	20.903	22535.496	34.843
1.015	14.836			
3/22/2016 6:15:00 PM	627300.000	73.891	17.985	168.421
28726.717	33171.230	20.924	22556.438	34.811
1.015	14.834			
3/22/2016 6:20:00 PM	627600.000	73.890	17.985	168.418
28722.162	33165.840	20.920	22552.773	34.816
1.015	14.834			
3/22/2016 6:25:00 PM	627900.000	73.890	17.985	168.417
28714.199	33156.828	20.914	22546.645	34.826
1.015	14.834			
3/22/2016 6:30:00 PM	628200.000	73.894	17.985	168.428
28714.240	33157.141	20.914	22546.855	34.826
1.015	14.833			
3/22/2016 6:35:00 PM	628500.000	73.890	17.985	168.418
28693.564	33132.695	20.897	22530.232	34.851
1.015	14.833			
3/22/2016 6:40:00 PM	628800.000	73.893	17.985	168.424
28695.215	33135.113	20.899	22531.877	34.849
1.015	14.833			
3/22/2016 6:45:00 PM	629100.000	73.894	17.985	168.427
28705.695	33146.953	20.907	22539.928	34.836
1.015	14.834			
3/22/2016 6:50:00 PM	629400.000	73.890	17.985	168.418
28706.332	33148.008	20.908	22540.648	34.836
1.015	14.835			
3/22/2016 6:55:00 PM	629700.000	73.886	17.985	168.408
28704.100	33145.301	20.906	22538.805	34.838
1.015	14.836			
3/22/2016 7:00:00 PM	630000.000	73.889	17.985	168.415
28712.049	33154.477	20.912	22545.045	34.829
1.015	14.837			
3/22/2016 7:05:00 PM	630300.000	73.887	17.985	168.412
28705.973	33147.145	20.907	22540.061	34.836
1.015	14.835			
3/22/2016 7:10:00 PM	630600.000	73.891	17.985	168.421
28691.256	33130.469	20.896	22528.719	34.854
1.015	14.832			
3/22/2016 7:15:00 PM	630900.000	73.896	17.984	168.432
28712.043	33154.676	20.913	22545.182	34.829
1.015	14.830			
3/22/2016 7:20:00 PM	631200.000	73.891	17.985	168.420
28727.387	33172.188	20.925	22557.088	34.810
1.015	14.833			
3/22/2016 7:25:00 PM	631500.000	73.894	17.985	168.426
28717.063	33160.398	20.917	22549.072	34.823

1.015	14.836			
3/22/2016 7:30:00 PM	631800.000	73.894	17.986	168.428
28715.313	33157.676	20.915	22547.223	34.825
1.015	14.839			
3/22/2016 7:35:00 PM	632100.000	73.893	17.985	168.426
28704.436	33145.688	20.906	22539.070	34.838
1.015	14.839			
3/22/2016 7:40:00 PM	632400.000	73.896	17.985	168.431
28715.531	33158.313	20.915	22547.652	34.824
1.015	14.839			
3/22/2016 7:45:00 PM	632700.000	73.893	17.985	168.426
28718.859	33162.285	20.918	22550.354	34.820
1.015	14.839			
3/22/2016 7:50:00 PM	633000.000	73.897	17.985	168.434
28711.791	33153.676	20.912	22544.500	34.829
1.015	14.840			
3/22/2016 7:55:00 PM	633300.000	73.893	17.985	168.426
28721.150	33164.855	20.920	22552.104	34.818
1.015	14.841			
3/22/2016 8:00:00 PM	633600.000	73.892	17.985	168.423
28704.082	33145.090	20.906	22538.664	34.838
1.015	14.843			
3/22/2016 8:05:00 PM	633900.000	73.882	17.985	168.401
28725.783	33170.207	20.923	22555.740	34.812
1.015	14.843			
3/22/2016 8:10:00 PM	634200.000	73.900	17.985	168.441
28723.186	33167.340	20.921	22553.793	34.815
1.015	14.844			
3/22/2016 8:15:00 PM	634500.000	73.896	17.985	168.432
28719.166	33162.695	20.918	22550.635	34.820
1.015	14.845			
3/22/2016 8:20:00 PM	634800.000	73.897	17.985	168.434
28718.023	33160.871	20.917	22549.393	34.821
1.015	14.846			
3/22/2016 8:25:00 PM	635100.000	73.904	17.985	168.449
28703.457	33144.305	20.905	22538.127	34.839
1.015	14.847			
3/22/2016 8:30:00 PM	635400.000	73.905	17.985	168.453
28720.080	33163.691	20.919	22551.311	34.819
1.015	14.847			
3/22/2016 8:35:00 PM	635700.000	73.907	17.985	168.457
28713.582	33156.063	20.914	22546.123	34.827
1.015	14.850			
3/22/2016 8:40:00 PM	636000.000	73.907	17.985	168.456
28717.449	33160.527	20.917	22549.160	34.822
1.015	14.852			
3/22/2016 8:45:00 PM	636300.000	73.903	17.985	168.449
28721.672	33165.340	20.920	22552.434	34.817
1.015	14.855			
3/22/2016 8:50:00 PM	636600.000	73.908	17.985	168.460
28706.332	33147.625	20.908	22540.387	34.836
1.015	14.851			
3/22/2016 8:55:00 PM	636900.000	73.896	17.985	168.431
28708.736	33150.652	20.910	22542.443	34.833
1.015	14.848			
3/22/2016 9:00:00 PM	637200.000	73.915	17.985	168.475
28716.105	33159.031	20.916	22548.141	34.824
1.015	14.844			

3/22/2016 9:05:00 PM	637500.000	73.899	17.985	168.439
28702.164	33143.063	20.905	22537.285	34.841
1.015	14.848			
3/22/2016 9:10:00 PM	637800.000	73.922	17.985	168.491
28706.877	33148.188	20.908	22540.770	34.835
1.015	14.852			
3/22/2016 9:15:00 PM	638100.000	73.915	17.985	168.475
28735.221	33180.855	20.931	22562.982	34.800
1.015	14.855			
3/22/2016 9:20:00 PM	638400.000	73.927	17.985	168.502
28718.684	33161.824	20.918	22550.041	34.821
1.015	14.854			
3/22/2016 9:25:00 PM	638700.000	73.924	17.985	168.496
28717.607	33160.457	20.917	22549.113	34.822
1.015	14.853			
3/22/2016 9:30:00 PM	639000.000	73.910	17.985	168.465
28723.605	33167.570	20.922	22553.947	34.815
1.015	14.852			
3/22/2016 9:35:00 PM	639300.000	73.928	17.985	168.504
28720.035	33163.566	20.919	22551.227	34.819
1.015	14.852			
3/22/2016 9:40:00 PM	639600.000	73.930	17.985	168.510
28708.486	33150.230	20.910	22542.158	34.833
1.015	14.852			
3/22/2016 9:45:00 PM	639900.000	73.940	17.985	168.533
28708.031	33149.707	20.909	22541.801	34.833
1.015	14.853			
3/22/2016 9:50:00 PM	640200.000	73.953	17.985	168.561
28701.623	33142.309	20.904	22536.770	34.841
1.015	14.856			
3/22/2016 9:55:00 PM	640500.000	73.919	17.985	168.483
28726.535	33171.207	20.924	22556.424	34.811
1.015	14.859			
3/22/2016 10:00:00 PM	640800.000	73.933	17.986	168.516
28721.518	33164.840	20.920	22552.094	34.817
1.015	14.863			
3/22/2016 10:05:00 PM	641100.000	73.938	17.985	168.526
28719.832	33163.539	20.919	22551.209	34.819
1.015	14.863			
3/22/2016 10:10:00 PM	641400.000	73.939	17.985	168.531
28719.941	33163.531	20.919	22551.203	34.819
1.015	14.864			
3/22/2016 10:15:00 PM	641700.000	73.919	17.985	168.485
28714.250	33156.832	20.914	22546.648	34.826
1.015	14.865			
3/22/2016 10:20:00 PM	642000.000	73.943	17.985	168.539
28723.803	33167.992	20.922	22554.236	34.814
1.015	14.864			
3/22/2016 10:25:00 PM	642300.000	73.948	17.985	168.549
28710.385	33152.559	20.911	22543.742	34.831
1.015	14.862			
3/22/2016 10:30:00 PM	642600.000	73.949	17.985	168.552
28716.789	33160.082	20.916	22548.857	34.823
1.015	14.861			
3/22/2016 10:35:00 PM	642900.000	73.952	17.985	168.559
28719.498	33162.762	20.918	22550.678	34.820
1.015	14.859			
3/22/2016 10:40:00 PM	643200.000	73.955	17.984	168.566

28711.887	33154.496	20.912	22545.057	34.829
1.015	14.857			
3/22/2016 10:45:00 PM	643500.000	73.964	17.985	168.586
28699.945	33140.441	20.903	22535.502	34.843
1.015	14.854			
3/22/2016 10:50:00 PM	643800.000	73.965	17.985	168.589
28710.689	33152.910	20.911	22543.980	34.830
1.015	14.856			
3/22/2016 10:55:00 PM	644100.000	73.962	17.985	168.583
28721.775	33165.391	20.920	22552.467	34.817
1.015	14.857			
3/22/2016 11:00:00 PM	644400.000	73.965	17.985	168.589
28722.400	33165.992	20.920	22552.875	34.816
1.015	14.858			
3/22/2016 11:05:00 PM	644700.000	73.967	17.985	168.594
28713.762	33156.207	20.914	22546.223	34.827
1.015	14.858			
3/22/2016 11:10:00 PM	645000.000	73.951	17.985	168.557
28714.232	33156.813	20.914	22546.635	34.826
1.015	14.858			
3/22/2016 11:15:00 PM	645300.000	73.969	17.985	168.598
28697.787	33138.141	20.901	22533.938	34.846
1.015	14.858			
3/22/2016 11:20:00 PM	645600.000	73.951	17.985	168.557
28705.621	33146.676	20.907	22539.742	34.836
1.015	14.857			
3/22/2016 11:25:00 PM	645900.000	73.980	17.985	168.622
28703.576	33144.445	20.906	22538.223	34.839
1.015	14.856			
3/22/2016 11:30:00 PM	646200.000	73.962	17.985	168.582
28716.809	33160.105	20.916	22548.871	34.823
1.015	14.855			
3/22/2016 11:35:00 PM	646500.000	73.958	17.985	168.572
28724.889	33168.988	20.923	22554.912	34.813
1.015	14.857			
3/22/2016 11:40:00 PM	646800.000	73.977	17.985	168.616
28708.912	33150.930	20.910	22542.633	34.832
1.015	14.859			
3/22/2016 11:45:00 PM	647100.000	73.974	17.985	168.610
28707.227	33148.777	20.909	22541.168	34.834
1.015	14.862			
3/22/2016 11:50:00 PM	647400.000	73.978	17.985	168.618
28718.986	33162.172	20.918	22550.277	34.820
1.015	14.861			
3/22/2016 11:55:00 PM	647700.000	73.983	17.985	168.629
28712.148	33154.086	20.912	22544.781	34.828
1.015	14.860			
3/23/2016 12:00:00 AM	648000.000	73.985	17.985	168.634
28744.875	33192.383	20.939	22570.822	34.789
1.015	14.859			
3/23/2016 12:05:00 AM	648300.000	73.980	17.985	168.624
28718.945	33162.383	20.918	22550.420	34.820
1.015	14.859			
3/23/2016 12:10:00 AM	648600.000	73.980	17.986	168.623
28726.705	33170.699	20.924	22556.078	34.811
1.015	14.860			
3/23/2016 12:15:00 AM	648900.000	73.983	17.985	168.630
28714.121	33156.813	20.914	22546.635	34.826

1.015	14.861			
3/23/2016 12:20:00 AM	649200.000	73.984	17.985	168.633
28725.896	33170.410	20.924	22555.879	34.812
1.015	14.859			
3/23/2016 12:25:00 AM	649500.000	73.988	17.985	168.642
28718.486	33161.727	20.918	22549.977	34.821
1.015	14.858			
3/23/2016 12:30:00 AM	649800.000	73.988	17.985	168.641
28719.330	33162.637	20.918	22550.594	34.820
1.015	14.857			
3/23/2016 12:35:00 AM	650100.000	73.989	17.985	168.643
28721.053	33164.496	20.919	22551.859	34.818
1.015	14.859			
3/23/2016 12:40:00 AM	650400.000	73.967	17.985	168.595
28722.896	33167.078	20.921	22553.613	34.815
1.015	14.861			
3/23/2016 12:45:00 AM	650700.000	73.980	17.985	168.622
28710.586	33152.539	20.911	22543.729	34.830
1.015	14.863			
3/23/2016 12:50:00 AM	651000.000	73.985	17.985	168.635
28705.424	33146.902	20.907	22539.896	34.837
1.015	14.860			
3/23/2016 12:55:00 AM	651300.000	73.964	17.985	168.587
28710.545	33152.426	20.911	22543.652	34.830
1.015	14.857			
3/23/2016 1:00:00 AM	651600.000	73.990	17.985	168.647
28709.881	33151.535	20.910	22543.045	34.831
1.015	14.854			
3/23/2016 1:05:00 AM	651900.000	73.988	17.985	168.641
28710.955	33153.082	20.912	22544.096	34.830
1.015	14.855			
3/23/2016 1:10:00 AM	652200.000	73.991	17.985	168.648
28725.803	33170.227	20.923	22555.756	34.812
1.015	14.857			
3/23/2016 1:15:00 AM	652500.000	73.991	17.985	168.649
28687.740	33126.348	20.893	22525.918	34.858
1.015	14.858			
3/23/2016 1:20:00 AM	652800.000	73.992	17.985	168.651
28727.977	33172.621	20.925	22557.385	34.809
1.015	14.856			
3/23/2016 1:25:00 AM	653100.000	73.988	17.985	168.642
28713.967	33156.375	20.914	22546.338	34.826
1.015	14.855			
3/23/2016 1:30:00 AM	653400.000	73.992	17.985	168.650
28714.588	33157.031	20.914	22546.781	34.826
1.015	14.853			
3/23/2016 1:35:00 AM	653700.000	73.991	17.985	168.649
28691.463	33130.457	20.896	22528.711	34.854
1.015	14.854			
3/23/2016 1:40:00 AM	654000.000	73.970	17.985	168.601
28722.549	33166.352	20.921	22553.119	34.816
1.015	14.856			
3/23/2016 1:45:00 AM	654300.000	73.985	17.985	168.634
28716.596	33159.668	20.916	22548.574	34.823
1.015	14.857			
3/23/2016 1:50:00 AM	654600.000	73.985	17.984	168.635
28712.139	33154.840	20.913	22545.291	34.828
1.015	14.856			



3/23/2016 1:55:00 AM	654900.000	73.987	17.985	168.639
28713.859	33156.570	20.914	22546.471	34.826
1.015	14.855			
3/23/2016 2:00:00 AM	655200.000	73.987	17.985	168.640
28718.877	33162.230	20.918	22550.318	34.820
1.015	14.854			
3/23/2016 2:05:00 AM	655500.000	73.988	17.985	168.641
28710.768	33152.941	20.911	22544.000	34.830
1.015	14.854			
3/23/2016 2:10:00 AM	655800.000	73.985	17.985	168.635
28703.879	33144.984	20.906	22538.592	34.838
1.015	14.855			
3/23/2016 2:15:00 AM	656100.000	73.984	17.985	168.632
28718.709	33161.980	20.918	22550.148	34.821
1.015	14.855			
3/23/2016 2:20:00 AM	656400.000	73.989	17.985	168.643
28716.131	33158.813	20.916	22547.992	34.824
1.015	14.853			
3/23/2016 2:25:00 AM	656700.000	73.978	17.985	168.620
28735.602	33181.426	20.931	22563.369	34.800
1.015	14.852			
3/23/2016 2:30:00 AM	657000.000	73.988	17.985	168.640
28697.994	33138.063	20.901	22533.885	34.846
1.015	14.851			
3/23/2016 2:35:00 AM	657300.000	73.982	17.985	168.629
28707.029	33148.754	20.909	22541.152	34.835
1.015	14.851			
3/23/2016 2:40:00 AM	657600.000	73.957	17.985	168.572
28719.859	33163.438	20.919	22551.141	34.819
1.015	14.852			
3/23/2016 2:45:00 AM	657900.000	73.977	17.985	168.617
28709.467	33151.363	20.910	22542.928	34.832
1.015	14.853			
3/23/2016 2:50:00 AM	658200.000	73.973	17.985	168.608
28711.162	33153.137	20.912	22544.135	34.830
1.015	14.853			
3/23/2016 2:55:00 AM	658500.000	73.971	17.985	168.602
28707.879	33149.477	20.909	22541.645	34.834
1.015	14.852			
3/23/2016 3:00:00 AM	658800.000	73.971	17.985	168.602
28730.764	33176.160	20.928	22559.789	34.806
1.015	14.852			
3/23/2016 3:05:00 AM	659100.000	73.970	17.984	168.601
28718.316	33161.918	20.918	22550.104	34.821
1.015	14.851			
3/23/2016 3:10:00 AM	659400.000	73.948	17.985	168.551
28711.684	33153.805	20.912	22544.588	34.829
1.015	14.850			
3/23/2016 3:15:00 AM	659700.000	73.963	17.985	168.585
28714.402	33156.816	20.914	22546.637	34.826
1.015	14.848			
3/23/2016 3:20:00 AM	660000.000	73.961	17.985	168.581
28707.137	33148.879	20.909	22541.238	34.835
1.015	14.849			
3/23/2016 3:25:00 AM	660300.000	73.960	17.985	168.577
28709.891	33151.547	20.910	22543.055	34.831
1.015	14.850			
3/23/2016 3:30:00 AM	660600.000	73.959	17.985	168.574

28711.885	33154.039	20.912	22544.746	34.829
1.015	14.851			
3/23/2016 3:35:00 AM	660900.000	73.937	17.985	168.526
28716.029	33158.637	20.915	22547.875	34.824
1.015	14.850			
3/23/2016 3:40:00 AM	661200.000	73.955	17.985	168.566
28722.932	33166.793	20.921	22553.422	34.815
1.015	14.848			
3/23/2016 3:45:00 AM	661500.000	73.957	17.985	168.570
28712.818	33155.180	20.913	22545.523	34.828
1.015	14.847			
3/23/2016 3:50:00 AM	661800.000	73.955	17.985	168.566
28704.990	33145.891	20.907	22539.205	34.837
1.015	14.847			
3/23/2016 3:55:00 AM	662100.000	73.955	17.985	168.565
28707.396	33148.973	20.909	22541.301	34.834
1.015	14.846			
3/23/2016 4:00:00 AM	662400.000	73.947	17.985	168.549
28719.926	33163.258	20.919	22551.016	34.819
1.015	14.846			
3/23/2016 4:05:00 AM	662700.000	73.947	17.985	168.548
28699.047	33139.465	20.902	22534.838	34.844
1.015	14.846			
3/23/2016 4:10:00 AM	663000.000	73.947	17.985	168.549
28704.709	33145.945	20.907	22539.244	34.837
1.015	14.845			
3/23/2016 4:15:00 AM	663300.000	73.941	17.985	168.535
28716.598	33159.730	20.916	22548.619	34.823
1.015	14.844			
3/23/2016 4:20:00 AM	663600.000	73.942	17.985	168.536
28726.102	33170.777	20.924	22556.129	34.812
1.015	14.844			
3/23/2016 4:25:00 AM	663900.000	73.938	17.985	168.528
28708.865	33150.742	20.910	22542.508	34.832
1.015	14.844			
3/23/2016 4:30:00 AM	664200.000	73.933	17.985	168.515
28720.350	33164.004	20.919	22551.525	34.819
1.015	14.844			
3/23/2016 4:35:00 AM	664500.000	73.936	17.985	168.524
28714.871	33157.422	20.915	22547.049	34.825
1.015	14.844			
3/23/2016 4:40:00 AM	664800.000	73.932	17.985	168.514
28715.957	33158.738	20.915	22547.943	34.824
1.015	14.843			
3/23/2016 4:45:00 AM	665100.000	73.934	17.985	168.518
28711.525	33153.875	20.912	22544.637	34.829
1.015	14.843			
3/23/2016 4:50:00 AM	665400.000	73.930	17.985	168.509
28715.938	33159.043	20.916	22548.150	34.824
1.015	14.845			
3/23/2016 4:55:00 AM	665700.000	73.924	17.985	168.496
28712.648	33154.793	20.913	22545.262	34.828
1.015	14.847			
3/23/2016 5:00:00 AM	666000.000	73.922	17.984	168.491
28710.525	33152.922	20.911	22543.986	34.830
1.015	14.849			
3/23/2016 5:05:00 AM	666300.000	73.923	17.985	168.494
28712.531	33154.977	20.913	22545.385	34.828

1.015	14.848			
3/23/2016 5:10:00 AM	666600.000	73.899	17.985	168.438
28701.607	33142.363	20.904	22536.809	34.841
1.015	14.846			
3/23/2016 5:15:00 AM	666900.000	73.919	17.985	168.484
28694.744	33134.309	20.898	22531.332	34.850
1.015	14.845			
3/23/2016 5:20:00 AM	667200.000	73.923	17.984	168.492
28713.852	33157.016	20.914	22546.771	34.826
1.015	14.844			
3/23/2016 5:25:00 AM	667500.000	73.918	17.985	168.482
28713.875	33156.336	20.914	22546.311	34.826
1.015	14.843			
3/23/2016 5:30:00 AM	667800.000	73.898	17.985	168.437
28705.248	33146.438	20.907	22539.580	34.837
1.015	14.843			
3/23/2016 5:35:00 AM	668100.000	73.920	17.985	168.486
28727.488	33172.246	20.925	22557.129	34.810
1.015	14.845			
3/23/2016 5:40:00 AM	668400.000	73.910	17.985	168.465
28699.160	33139.594	20.902	22534.926	34.844
1.015	14.848			
3/23/2016 5:45:00 AM	668700.000	73.911	17.985	168.465
28716.057	33159.105	20.916	22548.193	34.824
1.015	14.850			
3/23/2016 5:50:00 AM	669000.000	73.906	17.985	168.455
28710.959	33153.160	20.912	22544.148	34.830
1.015	14.850			
3/23/2016 5:55:00 AM	669300.000	73.909	17.985	168.461
28713.457	33155.789	20.913	22545.939	34.827
1.015	14.849			
3/23/2016 6:00:00 AM	669600.000	73.909	17.985	168.461
28700.775	33141.328	20.903	22536.104	34.842
1.015	14.849			
3/23/2016 6:05:00 AM	669900.000	73.904	17.984	168.449
28707.813	33149.789	20.909	22541.859	34.834
1.015	14.850			
3/23/2016 6:10:00 AM	670200.000	73.904	17.985	168.451
28718.748	33162.082	20.918	22550.219	34.820
1.015	14.851			
3/23/2016 6:15:00 AM	670500.000	73.902	17.985	168.445
28703.428	33144.523	20.906	22538.277	34.839
1.015	14.853			
3/23/2016 6:20:00 AM	670800.000	73.902	17.985	168.445
28700.393	33141.020	20.903	22535.895	34.843
1.015	14.850			
3/23/2016 6:25:00 AM	671100.000	73.904	17.985	168.450
28699.607	33139.793	20.902	22535.059	34.844
1.015	14.848			
3/23/2016 6:30:00 AM	671400.000	73.910	17.984	168.464
28723.566	33168.035	20.922	22554.264	34.815
1.015	14.846			
3/23/2016 6:35:00 AM	671700.000	73.907	17.984	168.457
28705.680	33147.383	20.908	22540.223	34.836
1.015	14.848			
3/23/2016 6:40:00 AM	672000.000	73.887	17.985	168.410
28713.303	33156.000	20.914	22546.082	34.827
1.015	14.850			

3/23/2016 6:45:00 AM	672300.000	73.900	17.984	168.441
28707.020	33148.875	20.909	22541.234	34.835
1.015	14.852			
3/23/2016 6:50:00 AM	672600.000	73.900	17.985	168.441
28718.527	33161.828	20.918	22550.043	34.821
1.015	14.854			
3/23/2016 6:55:00 AM	672900.000	73.899	17.985	168.438
28712.123	33154.504	20.913	22545.063	34.828
1.015	14.856			
3/23/2016 7:00:00 AM	673200.000	73.896	17.985	168.431
28710.086	33152.285	20.911	22543.557	34.831
1.015	14.858			
3/23/2016 7:05:00 AM	673500.000	73.895	17.985	168.429
28715.963	33158.867	20.916	22548.031	34.824
1.015	14.858			
3/23/2016 7:10:00 AM	673800.000	73.900	17.985	168.441
28710.813	33152.992	20.911	22544.037	34.830
1.015	14.857			
3/23/2016 7:15:00 AM	674100.000	73.898	17.985	168.437
28715.311	33158.113	20.915	22547.518	34.825
1.015	14.857			
3/23/2016 7:20:00 AM	674400.000	73.897	17.985	168.434
28708.627	33150.395	20.910	22542.270	34.833
1.015	14.859			
3/23/2016 7:25:00 AM	674700.000	73.896	17.985	168.432
28711.510	33153.855	20.912	22544.623	34.829
1.015	14.860			
3/23/2016 7:30:00 AM	675000.000	73.874	17.985	168.382
28694.705	33134.199	20.898	22531.258	34.850
1.015	14.862			
3/23/2016 7:35:00 AM	675300.000	73.895	17.984	168.430
28693.102	33132.930	20.898	22530.395	34.852
1.015	14.862			
3/23/2016 7:40:00 AM	675600.000	73.899	17.985	168.440
28737.520	33183.832	20.933	22565.006	34.798
1.015	14.862			
3/23/2016 7:45:00 AM	675900.000	73.898	17.985	168.437
28719.502	33162.898	20.918	22550.771	34.820
1.015	14.862			
3/23/2016 7:50:00 AM	676200.000	73.900	17.984	168.441
28717.420	33160.883	20.917	22549.402	34.822
1.015	14.864			
3/23/2016 7:55:00 AM	676500.000	73.899	17.984	168.439
28685.141	33123.609	20.891	22524.055	34.861
1.015	14.865			
3/23/2016 8:00:00 AM	676800.000	73.901	17.985	168.443
28702.262	33143.043	20.905	22537.271	34.840
1.015	14.866			
3/23/2016 8:05:00 AM	677100.000	73.903	17.984	168.447
28705.551	33147.180	20.907	22540.082	34.836
1.015	14.868			
3/23/2016 8:10:00 AM	677400.000	73.899	17.985	168.438
28719.395	33163.035	20.918	22550.865	34.820
1.015	14.870			
3/23/2016 8:15:00 AM	677700.000	73.898	17.985	168.435
28712.209	33154.734	20.913	22545.219	34.828
1.015	14.872			
3/23/2016 8:20:00 AM	678000.000	73.898	17.985	168.437

28717.633	33160.867	20.917	22549.391	34.822
1.015	14.875			
3/23/2016 8:25:00 AM	678300.000	73.894	17.984	168.428
28727.023	33171.973	20.925	22556.941	34.810
1.015	14.879			
3/23/2016 8:30:00 AM	678600.000	73.873	17.984	168.380
28730.105	33175.531	20.927	22559.363	34.807
1.015	14.882			
3/23/2016 8:35:00 AM	678900.000	73.881	17.985	168.397
28709.514	33151.418	20.910	22542.967	34.832
1.015	14.880			
3/23/2016 8:40:00 AM	679200.000	73.904	17.985	168.449
28716.213	33159.359	20.916	22548.367	34.824
1.015	14.877			
3/23/2016 8:45:00 AM	679500.000	73.905	17.985	168.452
28714.303	33156.766	20.914	22546.602	34.826
1.015	14.875			
3/23/2016 8:50:00 AM	679800.000	73.905	17.985	168.453
28712.865	33155.172	20.913	22545.520	34.828
1.015	14.876			
3/23/2016 8:55:00 AM	680100.000	73.906	17.985	168.454
28736.537	33182.828	20.932	22564.326	34.799
1.015	14.878			
3/23/2016 9:00:00 AM	680400.000	73.887	17.985	168.412
28727.361	33172.289	20.925	22557.158	34.810
1.015	14.879			
3/23/2016 9:05:00 AM	680700.000	73.912	17.985	168.468
28718.949	33162.387	20.918	22550.424	34.820
1.015	14.878			
3/23/2016 9:10:00 AM	681000.000	73.916	17.985	168.477
28717.250	33160.352	20.917	22549.039	34.822
1.015	14.877			
3/23/2016 9:15:00 AM	681300.000	73.915	17.985	168.476
28708.822	33150.434	20.910	22542.295	34.832
1.015	14.876			
3/23/2016 9:20:00 AM	681600.000	73.919	17.985	168.484
28717.580	33160.734	20.917	22549.299	34.822
1.015	14.877			
3/23/2016 9:25:00 AM	681900.000	73.899	17.985	168.438
28702.063	33142.816	20.904	22537.117	34.841
1.015	14.879			
3/23/2016 9:30:00 AM	682200.000	73.916	17.985	168.478
28714.533	33157.215	20.914	22546.908	34.826
1.015	14.880			
3/23/2016 9:35:00 AM	682500.000	73.902	17.985	168.446
28724.006	33168.098	20.922	22554.309	34.814
1.015	14.881			
3/23/2016 9:40:00 AM	682800.000	73.922	17.985	168.492
28705.990	33147.555	20.908	22540.338	34.836
1.015	14.882			
3/23/2016 9:45:00 AM	683100.000	73.905	17.985	168.451
28727.479	33172.367	20.925	22557.211	34.810
1.015	14.883			
3/23/2016 9:50:00 AM	683400.000	73.923	17.985	168.493
28712.150	33154.727	20.913	22545.215	34.828
1.015	14.882			
3/23/2016 9:55:00 AM	683700.000	73.926	17.985	168.500
28709.227	33151.219	20.910	22542.830	34.832

1.015	14.882			
3/23/2016 10:00:00 AM	684000.000	73.935	17.985	168.520
28710.172	33151.934	20.911	22543.316	34.831
1.015	14.881			
3/23/2016 10:05:00 AM	684300.000	73.929	17.985	168.508
28698.662	33138.832	20.902	22534.406	34.845
1.015	14.882			
3/23/2016 10:10:00 AM	684600.000	73.937	17.985	168.525
28716.252	33159.406	20.916	22548.396	34.823
1.015	14.882			
3/23/2016 10:15:00 AM	684900.000	73.940	17.985	168.531
28718.086	33161.391	20.917	22549.748	34.821
1.015	14.882			
3/23/2016 10:20:00 AM	685200.000	73.921	17.985	168.488
28701.918	33142.910	20.904	22537.180	34.841
1.015	14.883			
3/23/2016 10:25:00 AM	685500.000	73.938	17.986	168.528
28735.035	33180.449	20.931	22562.705	34.801
1.015	14.884			
3/23/2016 10:30:00 AM	685800.000	73.944	17.985	168.542
28710.439	33152.621	20.911	22543.785	34.831
1.015	14.885			
3/23/2016 10:35:00 AM	686100.000	73.942	17.985	168.536
28712.305	33154.773	20.913	22545.248	34.828
1.015	14.887			
3/23/2016 10:40:00 AM	686400.000	73.942	17.985	168.536
28711.484	33153.574	20.912	22544.434	34.829
1.015	14.890			
3/23/2016 10:45:00 AM	686700.000	73.944	17.985	168.541
28708.734	33150.520	20.910	22542.355	34.833
1.015	14.892			
3/23/2016 10:50:00 AM	687000.000	73.944	17.984	168.541
28708.941	33151.094	20.910	22542.746	34.832
1.015	14.889			
3/23/2016 10:55:00 AM	687300.000	73.952	17.985	168.559
28727.203	33171.598	20.924	22556.688	34.810
1.015	14.887			
3/23/2016 11:00:00 AM	687600.000	73.952	17.985	168.560
28701.383	33142.293	20.904	22536.760	34.842
1.015	14.884			
3/23/2016 11:05:00 AM	687900.000	73.954	17.985	168.564
28714.482	33157.418	20.915	22547.047	34.826
1.015	14.885			
3/23/2016 11:10:00 AM	688200.000	73.955	17.984	168.565
28703.988	33145.375	20.906	22538.857	34.838
1.015	14.886			
3/23/2016 11:15:00 AM	688500.000	73.937	17.985	168.526
28717.709	33160.637	20.917	22549.234	34.822
1.015	14.887			
3/23/2016 11:20:00 AM	688800.000	73.956	17.985	168.567
28723.598	33167.813	20.922	22554.115	34.815
1.015	14.888			
3/23/2016 11:25:00 AM	689100.000	73.962	17.985	168.583
28713.982	33156.578	20.914	22546.475	34.826
1.015	14.890			
3/23/2016 11:30:00 AM	689400.000	73.957	17.985	168.572
28698.824	33139.020	20.902	22534.535	34.845
1.015	14.891			

3/23/2016 11:35:00 AM	689700.000	73.960	17.985	168.577
28719.523	33163.109	20.918	22550.914	34.820
1.015	14.892			
3/23/2016 11:40:00 AM	690000.000	73.960	17.985	168.577
28722.617	33166.754	20.921	22553.395	34.816
1.015	14.892			
3/23/2016 11:45:00 AM	690300.000	73.960	17.985	168.578
28715.537	33158.375	20.915	22547.697	34.824
1.015	14.892			
3/23/2016 11:50:00 AM	690600.000	73.959	17.985	168.576
28709.936	33152.039	20.911	22543.389	34.831
1.015	14.889			
3/23/2016 11:55:00 AM	690900.000	73.968	17.984	168.596
28698.422	33138.945	20.902	22534.482	34.845
1.015	14.886			
3/23/2016 12:00:00 PM	691200.000	73.951	17.985	168.558
28707.748	33149.453	20.909	22541.629	34.834
1.015	14.883			
3/23/2016 12:05:00 PM	691500.000	73.954	17.985	168.564
28713.311	33155.617	20.913	22545.822	34.827
1.015	14.886			
3/23/2016 12:10:00 PM	691800.000	73.969	17.985	168.597
28708.715	33150.629	20.910	22542.430	34.833
1.015	14.889			
3/23/2016 12:15:00 PM	692100.000	73.964	17.985	168.587
28718.143	33161.266	20.917	22549.662	34.821
1.015	14.892			
3/23/2016 12:20:00 PM	692400.000	73.967	17.985	168.593
28702.797	33143.609	20.905	22537.654	34.840
1.015	14.890			
3/23/2016 12:25:00 PM	692700.000	73.970	17.985	168.601
28710.697	33152.539	20.911	22543.729	34.830
1.015	14.889			
3/23/2016 12:30:00 PM	693000.000	73.972	17.985	168.604
28712.633	33154.902	20.913	22545.336	34.828
1.015	14.888			
3/23/2016 12:35:00 PM	693300.000	73.973	17.985	168.607
28717.682	33161.113	20.917	22549.559	34.822
1.015	14.888			
3/23/2016 12:40:00 PM	693600.000	73.973	17.985	168.607
28714.309	33156.957	20.914	22546.732	34.826
1.015	14.887			
3/23/2016 12:45:00 PM	693900.000	73.972	17.985	168.606
28719.857	33163.363	20.919	22551.088	34.819
1.015	14.886			
3/23/2016 12:50:00 PM	694200.000	73.978	17.985	168.619
28704.445	33145.512	20.906	22538.947	34.838
1.015	14.884			
3/23/2016 12:55:00 PM	694500.000	74.000	17.985	168.668
28712.000	33154.172	20.912	22544.840	34.829
1.015	14.883			
3/23/2016 1:00:00 PM	694800.000	73.982	17.985	168.627
28712.729	33155.129	20.913	22545.490	34.828
1.015	14.881			
3/23/2016 1:05:00 PM	695100.000	73.977	17.985	168.615
28714.707	33157.488	20.915	22547.092	34.825
1.015	14.884			
3/23/2016 1:10:00 PM	695400.000	73.972	17.985	168.605

28704.158	33145.234	20.906	22538.762	34.838
1.015	14.888			
3/23/2016 1:15:00 PM	695700.000	73.965	17.985	168.590
28715.625	33158.609	20.915	22547.857	34.824
1.015	14.891			
3/23/2016 1:20:00 PM	696000.000	73.972	17.985	168.604
28712.773	33155.184	20.913	22545.527	34.828
1.015	14.887			
3/23/2016 1:25:00 PM	696300.000	73.973	17.985	168.607
28703.787	33144.500	20.906	22538.262	34.839
1.015	14.883			
3/23/2016 1:30:00 PM	696600.000	73.979	17.984	168.620
28710.838	33153.281	20.912	22544.232	34.830
1.015	14.878			
3/23/2016 1:35:00 PM	696900.000	73.973	17.984	168.607
28716.398	33159.758	20.916	22548.635	34.823
1.015	14.879			
3/23/2016 1:40:00 PM	697200.000	73.976	17.985	168.614
28708.066	33149.879	20.909	22541.920	34.833
1.015	14.881			
3/23/2016 1:45:00 PM	697500.000	73.970	17.985	168.602
28703.270	33143.961	20.905	22537.895	34.839
1.015	14.882			
3/23/2016 1:50:00 PM	697800.000	73.970	17.985	168.601
28698.500	33138.582	20.901	22534.236	34.845
1.015	14.881			
3/23/2016 1:55:00 PM	698100.000	73.967	17.985	168.594
28722.729	33166.492	20.921	22553.215	34.816
1.015	14.880			
3/23/2016 2:00:00 PM	698400.000	73.970	17.985	168.601
28720.787	33164.129	20.919	22551.609	34.818
1.015	14.879			
3/23/2016 2:05:00 PM	698700.000	73.969	17.985	168.598
28688.789	33127.559	20.894	22526.740	34.857
1.015	14.878			
3/23/2016 2:10:00 PM	699000.000	73.971	17.985	168.603
28726.961	33171.512	20.924	22556.629	34.811
1.015	14.878			
3/23/2016 2:15:00 PM	699300.000	73.968	17.985	168.596
28718.857	33162.469	20.918	22550.480	34.820
1.015	14.877			
3/23/2016 2:20:00 PM	699600.000	73.965	17.985	168.589
28720.545	33164.156	20.919	22551.629	34.818
1.015	14.878			
3/23/2016 2:25:00 PM	699900.000	73.963	17.985	168.584
28701.141	33141.566	20.904	22536.266	34.842
1.015	14.879			
3/23/2016 2:30:00 PM	700200.000	73.960	17.985	168.579
28695.227	33134.801	20.899	22531.666	34.849
1.015	14.881			
3/23/2016 2:35:00 PM	700500.000	73.954	17.985	168.563
28691.242	33130.137	20.896	22528.496	34.854
1.015	14.881			
3/23/2016 2:40:00 PM	700800.000	73.956	17.985	168.569
28721.270	33165.254	20.920	22552.373	34.817
1.015	14.882			
3/23/2016 2:45:00 PM	701100.000	73.949	17.985	168.552
28706.248	33147.594	20.908	22540.365	34.836



1.015	14.883			
3/23/2016 2:50:00 PM	701400.000	73.930	17.985	168.509
28719.590	33163.125	20.918	22550.926	34.819
1.015	14.880			
3/23/2016 2:55:00 PM	701700.000	73.929	17.985	168.506
28718.039	33161.395	20.917	22549.750	34.821
1.015	14.877			
3/23/2016 3:00:00 PM	702000.000	73.958	17.985	168.574
28705.809	33146.957	20.907	22539.932	34.836
1.015	14.874			
3/23/2016 3:05:00 PM	702300.000	73.950	17.985	168.554
28705.582	33147.012	20.907	22539.971	34.836
1.015	14.873			
3/23/2016 3:10:00 PM	702600.000	73.950	17.985	168.556
28725.295	33169.457	20.923	22555.230	34.813
1.015	14.873			
3/23/2016 3:15:00 PM	702900.000	73.946	17.985	168.545
28710.977	33153.055	20.911	22544.078	34.830
1.015	14.873			
3/23/2016 3:20:00 PM	703200.000	73.941	17.985	168.535
28708.262	33149.855	20.909	22541.902	34.833
1.015	14.872			
3/23/2016 3:25:00 PM	703500.000	73.943	17.985	168.539
28703.668	33144.930	20.906	22538.553	34.839
1.015	14.872			
3/23/2016 3:30:00 PM	703800.000	73.939	17.985	168.529
28711.223	33153.207	20.912	22544.182	34.830
1.015	14.871			
3/23/2016 3:35:00 PM	704100.000	73.941	17.985	168.534
28697.203	33136.898	20.900	22533.092	34.847
1.015	14.870			
3/23/2016 3:40:00 PM	704400.000	73.942	17.985	168.537
28723.531	33167.551	20.922	22553.936	34.815
1.015	14.870			
3/23/2016 3:45:00 PM	704700.000	73.935	17.985	168.520
28711.020	33152.910	20.911	22543.980	34.830
1.015	14.869			
3/23/2016 3:50:00 PM	705000.000	73.936	17.985	168.523
28726.488	33171.152	20.924	22556.385	34.811
1.015	14.870			
3/23/2016 3:55:00 PM	705300.000	73.931	17.985	168.511
28716.574	33159.516	20.916	22548.471	34.823
1.015	14.870			
3/23/2016 4:00:00 PM	705600.000	73.924	17.985	168.496
28697.455	33137.758	20.901	22533.676	34.846
1.015	14.871			
3/23/2016 4:05:00 PM	705900.000	73.922	17.984	168.491
28717.412	33160.930	20.917	22549.434	34.822
1.015	14.871			
3/23/2016 4:10:00 PM	706200.000	73.921	17.985	168.490
28720.992	33164.617	20.920	22551.941	34.818
1.015	14.872			
3/23/2016 4:15:00 PM	706500.000	73.896	17.985	168.431
28706.271	33147.746	20.908	22540.469	34.836
1.015	14.873			
3/23/2016 4:20:00 PM	706800.000	73.895	17.985	168.429
28706.531	33148.105	20.908	22540.715	34.835
1.015	14.874			

3/23/2016 4:25:00 PM	707100.000	73.912	17.985	168.469
28716.531	33159.402	20.916	22548.395	34.823
1.015	14.875			
3/23/2016 4:30:00 PM	707400.000	73.908	17.985	168.459
28720.467	33164.141	20.919	22551.617	34.818
1.015	14.876			
3/23/2016 4:35:00 PM	707700.000	73.905	17.985	168.452
28721.592	33165.059	20.920	22552.240	34.817
1.015	14.874			
3/23/2016 4:40:00 PM	708000.000	73.889	17.985	168.417
28712.295	33154.445	20.912	22545.025	34.828
1.015	14.871			
3/23/2016 4:45:00 PM	708300.000	73.892	17.984	168.423
28729.953	33175.355	20.927	22559.244	34.807
1.015	14.868			
3/23/2016 4:50:00 PM	708600.000	73.907	17.984	168.456
28709.760	33152.094	20.911	22543.424	34.831
1.015	14.867			
3/23/2016 4:55:00 PM	708900.000	73.902	17.985	168.445
28705.150	33146.586	20.907	22539.678	34.837
1.015	14.866			
3/23/2016 5:00:00 PM	709200.000	73.898	17.984	168.437
28719.234	33162.980	20.918	22550.826	34.820
1.015	14.865			
3/23/2016 5:05:00 PM	709500.000	73.883	17.985	168.402
28703.230	33144.234	20.905	22538.080	34.839
1.015	14.864			
3/23/2016 5:10:00 PM	709800.000	73.880	17.985	168.396
28684.900	33123.258	20.891	22523.816	34.862
1.015	14.863			
3/23/2016 5:15:00 PM	710100.000	73.899	17.985	168.439
28712.729	33155.262	20.913	22545.580	34.828
1.015	14.862			
3/23/2016 5:20:00 PM	710400.000	73.895	17.985	168.430
28737.748	33183.902	20.933	22565.057	34.797
1.015	14.864			
3/23/2016 5:25:00 PM	710700.000	73.885	17.985	168.407
28731.621	33177.020	20.928	22560.373	34.805
1.015	14.865			
3/23/2016 5:30:00 PM	711000.000	73.886	17.985	168.408
28707.178	33148.793	20.909	22541.182	34.834
1.015	14.867			
3/23/2016 5:35:00 PM	711300.000	73.886	17.985	168.409
28712.303	33154.711	20.913	22545.205	34.828
1.015	14.865			
3/23/2016 5:40:00 PM	711600.000	73.865	17.984	168.361
28719.006	33162.965	20.918	22550.818	34.820
1.015	14.864			
3/23/2016 5:45:00 PM	711900.000	73.884	17.985	168.405
28702.115	33142.691	20.904	22537.033	34.841
1.015	14.863			
3/23/2016 5:50:00 PM	712200.000	73.881	17.985	168.397
28721.533	33165.242	20.920	22552.367	34.817
1.015	14.866			
3/23/2016 5:55:00 PM	712500.000	73.873	17.985	168.379
28709.596	33151.645	20.911	22543.119	34.832
1.015	14.870			
3/23/2016 6:00:00 PM	712800.000	73.866	17.985	168.363

28714.080	33156.953	20.914	22546.730	34.826
1.015	14.874			
3/23/2016 6:05:00 PM	713100.000	73.872	17.985	168.377
28704.424	33145.672	20.906	22539.057	34.838
1.015	14.870			
3/23/2016 6:10:00 PM	713400.000	73.874	17.985	168.382
28724.236	33168.680	20.922	22554.705	34.814
1.015	14.866			
3/23/2016 6:15:00 PM	713700.000	73.875	17.985	168.384
28717.430	33160.691	20.917	22549.271	34.822
1.015	14.862			
3/23/2016 6:20:00 PM	714000.000	73.877	17.984	168.388
28705.414	33147.020	20.907	22539.975	34.837
1.015	14.863			
3/23/2016 6:25:00 PM	714300.000	73.881	17.985	168.397
28704.650	33146.008	20.907	22539.285	34.838
1.015	14.864			
3/23/2016 6:30:00 PM	714600.000	73.875	17.985	168.385
28722.010	33165.980	20.920	22552.867	34.817
1.015	14.865			
3/23/2016 6:35:00 PM	714900.000	73.873	17.985	168.378
28709.596	33151.328	20.910	22542.906	34.832
1.015	14.865			
3/23/2016 6:40:00 PM	715200.000	73.872	17.984	168.377
28696.650	33136.957	20.900	22533.133	34.847
1.015	14.864			
3/23/2016 6:45:00 PM	715500.000	73.866	17.985	168.362
28708.752	33150.801	20.910	22542.545	34.833
1.015	14.864			
3/23/2016 6:50:00 PM	715800.000	73.870	17.984	168.372
28703.387	33144.867	20.906	22538.512	34.839
1.015	14.863			
3/23/2016 6:55:00 PM	716100.000	73.867	17.985	168.365
28719.180	33162.523	20.918	22550.516	34.820
1.015	14.863			
3/23/2016 7:00:00 PM	716400.000	73.868	17.985	168.369
28724.877	33169.230	20.923	22555.076	34.813
1.015	14.862			
3/23/2016 7:05:00 PM	716700.000	73.867	17.984	168.365
28718.100	33161.723	20.917	22549.973	34.821
1.015	14.863			
3/23/2016 7:10:00 PM	717000.000	73.868	17.985	168.369
28725.861	33170.367	20.924	22555.852	34.812
1.015	14.863			
3/23/2016 7:15:00 PM	717300.000	73.868	17.984	168.368
28737.051	33183.551	20.933	22564.816	34.798
1.015	14.864			
3/23/2016 7:20:00 PM	717600.000	73.863	17.985	168.357
28717.291	33160.398	20.917	22549.072	34.822
1.015	14.863			
3/23/2016 7:25:00 PM	717900.000	73.869	17.985	168.370
28712.170	33154.691	20.913	22545.191	34.828
1.015	14.863			
3/23/2016 7:30:00 PM	718200.000	73.866	17.984	168.363
28704.152	33145.691	20.906	22539.072	34.838
1.015	14.862			
3/23/2016 7:35:00 PM	718500.000	73.865	17.985	168.361
28706.875	33148.371	20.908	22540.895	34.835

1.015	14.862			
3/23/2016 7:40:00 PM	718800.000	73.861	17.985	168.352
28703.568	33144.625	20.906	22538.348	34.839
1.015	14.863			
3/23/2016 7:45:00 PM	719100.000	73.860	17.985	168.351
28709.266	33151.266	20.910	22542.861	34.832
1.015	14.863			
3/23/2016 7:50:00 PM	719400.000	73.865	17.984	168.361
28696.854	33137.137	20.900	22533.254	34.847
1.015	14.863			
3/23/2016 7:55:00 PM	719700.000	73.865	17.985	168.361
28717.293	33160.605	20.917	22549.213	34.822
1.015	14.863			
3/23/2016 8:00:00 PM	720000.000	73.865	17.985	168.362
28720.016	33163.547	20.919	22551.215	34.819
1.015	14.863			
3/23/2016 8:05:00 PM	720300.000	73.868	17.984	168.369
28722.189	33166.445	20.921	22553.184	34.816
1.015	14.861			
3/23/2016 8:10:00 PM	720600.000	73.868	17.985	168.368
28698.875	33139.078	20.902	22534.574	34.845
1.015	14.860			
3/23/2016 8:15:00 PM	720900.000	73.876	17.985	168.387
28717.297	33160.668	20.917	22549.256	34.822
1.015	14.859			
3/23/2016 8:20:00 PM	721200.000	73.855	17.984	168.338
28696.717	33137.031	20.900	22533.182	34.847
1.015	14.860			
3/23/2016 8:25:00 PM	721500.000	73.877	17.984	168.388
28720.090	33163.965	20.919	22551.496	34.819
1.015	14.861			
3/23/2016 8:30:00 PM	721800.000	73.878	17.984	168.390
28712.986	33155.953	20.913	22546.049	34.827
1.015	14.862			
3/23/2016 8:35:00 PM	722100.000	73.875	17.984	168.383
28704.111	33145.570	20.906	22538.990	34.838
1.015	14.863			
3/23/2016 8:40:00 PM	722400.000	73.873	17.985	168.380
28709.193	33151.121	20.910	22542.764	34.832
1.015	14.864			
3/23/2016 8:45:00 PM	722700.000	73.878	17.984	168.390
28726.961	33171.957	20.925	22556.932	34.811
1.015	14.865			
3/23/2016 8:50:00 PM	723000.000	73.877	17.985	168.388
28710.711	33152.875	20.911	22543.957	34.830
1.015	14.867			
3/23/2016 8:55:00 PM	723300.000	73.873	17.985	168.380
28716.611	33159.746	20.916	22548.627	34.823
1.015	14.869			
3/23/2016 9:00:00 PM	723600.000	73.876	17.984	168.386
28724.578	33169.148	20.923	22555.023	34.813
1.015	14.871			
3/23/2016 9:05:00 PM	723900.000	73.862	17.985	168.354
28720.584	33164.336	20.919	22551.748	34.818
1.015	14.869			
3/23/2016 9:10:00 PM	724200.000	73.885	17.985	168.407
28720.434	33164.234	20.919	22551.682	34.818
1.015	14.867			

3/23/2016 9:15:00 PM	724500.000	73.889	17.985	168.415
28707.346	33149.047	20.909	22541.354	34.834
1.015	14.865			
3/23/2016 9:20:00 PM	724800.000	73.884	17.985	168.405
28707.666	33149.492	20.909	22541.654	34.834
1.015	14.868			
3/23/2016 9:25:00 PM	725100.000	73.867	17.985	168.366
28709.510	33151.676	20.911	22543.143	34.832
1.015	14.870			
3/23/2016 9:30:00 PM	725400.000	73.885	17.984	168.406
28720.156	33164.043	20.919	22551.551	34.819
1.015	14.872			
3/23/2016 9:35:00 PM	725700.000	73.889	17.984	168.416
28716.441	33159.809	20.916	22548.672	34.823
1.015	14.872			
3/23/2016 9:40:00 PM	726000.000	73.892	17.985	168.422
28694.082	33133.730	20.898	22530.939	34.850
1.015	14.871			
3/23/2016 9:45:00 PM	726300.000	73.891	17.985	168.421
28724.830	33169.180	20.923	22555.045	34.813
1.015	14.870			
3/23/2016 9:50:00 PM	726600.000	73.892	17.985	168.424
28711.514	33153.727	20.912	22544.537	34.829
1.015	14.869			
3/23/2016 9:55:00 PM	726900.000	73.896	17.985	168.431
28722.324	33166.285	20.921	22553.076	34.816
1.015	14.868			
3/23/2016 10:00:00 PM	727200.000	73.903	17.984	168.449
28706.625	33148.668	20.908	22541.096	34.835
1.015	14.867			
3/23/2016 10:05:00 PM	727500.000	73.903	17.985	168.447
28703.805	33144.898	20.906	22538.533	34.839
1.015	14.868			
3/23/2016 10:10:00 PM	727800.000	73.900	17.984	168.441
28737.029	33183.656	20.933	22564.889	34.798
1.015	14.869			
3/23/2016 10:15:00 PM	728100.000	73.904	17.985	168.449
28733.107	33178.664	20.929	22561.492	34.803
1.015	14.870			
3/23/2016 10:20:00 PM	728400.000	73.902	17.985	168.446
28722.328	33166.160	20.921	22552.990	34.816
1.015	14.870			
3/23/2016 10:25:00 PM	728700.000	73.906	17.985	168.455
28717.928	33161.340	20.917	22549.711	34.821
1.015	14.870			
3/23/2016 10:30:00 PM	729000.000	73.910	17.985	168.464
28709.357	33151.371	20.910	22542.932	34.832
1.015	14.870			
3/23/2016 10:35:00 PM	729300.000	73.913	17.985	168.470
28722.631	33166.512	20.921	22553.230	34.816
1.015	14.870			
3/23/2016 10:40:00 PM	729600.000	73.913	17.985	168.472
28721.795	33165.602	20.920	22552.611	34.817
1.015	14.869			
3/23/2016 10:45:00 PM	729900.000	73.917	17.985	168.480
28711.543	33153.969	20.912	22544.701	34.829
1.015	14.868			
3/23/2016 10:50:00 PM	730200.000	73.917	17.985	168.479

28698.199	33138.355	20.901	22534.082	34.845
1.015	14.869			
3/23/2016 10:55:00 PM	730500.000	73.922	17.985	168.491
28713.434	33156.078	20.914	22546.133	34.827
1.015	14.870			
3/23/2016 11:00:00 PM	730800.000	73.904	17.985	168.450
28719.826	33163.590	20.919	22551.242	34.819
1.015	14.871			
3/23/2016 11:05:00 PM	731100.000	73.926	17.985	168.500
28698.809	33139.320	20.902	22534.738	34.845
1.015	14.872			
3/23/2016 11:10:00 PM	731400.000	73.926	17.985	168.501
28735.723	33181.684	20.931	22563.545	34.800
1.015	14.872			
3/23/2016 11:15:00 PM	731700.000	73.927	17.985	168.502
28715.307	33158.313	20.915	22547.652	34.825
1.015	14.873			
3/23/2016 11:20:00 PM	732000.000	73.931	17.985	168.511
28708.408	33150.086	20.909	22542.059	34.833
1.015	14.871			
3/23/2016 11:25:00 PM	732300.000	73.931	17.985	168.512
28700.043	33140.688	20.903	22535.670	34.843
1.015	14.869			
3/23/2016 11:30:00 PM	732600.000	73.938	17.985	168.527
28713.059	33155.586	20.913	22545.799	34.827
1.015	14.867			
3/23/2016 11:35:00 PM	732900.000	73.923	17.985	168.494
28719.344	33163.031	20.918	22550.863	34.820
1.015	14.866			
3/23/2016 11:40:00 PM	733200.000	73.922	17.985	168.491
28684.457	33122.559	20.890	22523.340	34.862
1.015	14.866			
3/23/2016 11:45:00 PM	733500.000	73.948	17.984	168.550
28714.375	33157.367	20.914	22547.010	34.826
1.015	14.865			
3/23/2016 11:50:00 PM	733800.000	73.943	17.985	168.540
28699.594	33139.777	20.902	22535.049	34.844
1.015	14.867			
3/23/2016 11:55:00 PM	734100.000	73.945	17.985	168.542
28706.092	33147.414	20.908	22540.242	34.836
1.015	14.868			

Report Date: 3/24/2016 2:14:48 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-4S LT Test\_2016-03-24\_13-30-20-646-BaroMerge.wsl  
Create Date: 3/24/2016 2:13:42 PM

Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-4S  
Device Name:  
Serial Number: 399147  
Firmware Version: 2.00  
Hardware Version: 3  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 0  
Used Battery(%): 21

Log Configuration

Log Name: MPWSP MW-4S LT Test  
Created By: KMakar  
Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0  
Create Date: 10/1/2015 3:02:54 PM Pacific Daylight Time  
Log Setup Time Zone: Pacific Daylight Time  
Notes Size(bytes): 4096  
Overwrite when full: Enabled  
Scheduled Start Time: 10/1/2015 3:05:00 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: 60.5924 (ft)  
Head Pressure: 26.5837 (PSI)  
Temperature: 17.6319 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

Date and Time	Note
10/1/2015 3:03:23 PM	Used Battery: 21% Used Memory: 3% User Name: KMakar
10/8/2015 5:22:57 PM	Log Download - Used Battery: 22% Used Memory: 4% User Name: CShaw Interval - Start Time:
10/1/2015 3:05:00 PM	Stop Time: 10/8/2015 6:20:00 PM
10/15/2015 1:59:55 PM	Log Download - Used Battery: 23% Used Memory: 7% User Name: KMakar
10/22/2015 5:47:00 PM	Log Download - Used Battery: 24% Used Memory: 9% User Name: CShaw
10/29/2015 4:03:27 PM	Log Download - Used Battery: 24% Used Memory: 12% User Name: KMakar Interval - Start
Time: 10/13/2015 6:15:00 AM	Stop Time: 10/29/2015 4:05:00 PM
11/5/2015 3:02:35 PM	Log Download - Used Battery: 25% Used Memory: 14% User Name: KMakar Interval - Start
Time: 10/20/2015 7:00:00 AM	Stop Time: 11/5/2015 3:00:00 PM
11/12/2015 5:59:32 PM	Log Download - Used Battery: 26% Used Memory: 17% User Name: KMakar Interval - Start
Time: 10/20/2015 7:00:00 AM	Stop Time: 11/12/2015 6:00:00 PM
11/19/2015 3:59:34 PM	Log Download - Used Battery: 27% Used Memory: 20% User Name: KMakar Interval - Start
Time: 11/1/2015 7:00:00 AM	Stop Time: 11/19/2015 4:00:00 PM
11/29/2015 10:36:51 AM	Log Download - Used Battery: 28% Used Memory: 23% User Name: CShaw Interval - Start
Time: 11/13/2015 1:00:00 AM	Stop Time: 11/29/2015 10:30:00 AM
12/3/2015 11:43:48 AM	Log Download - Used Battery: 28% Used Memory: 25% User Name: KMakar Interval - Start
Time: 11/18/2015 7:00:00 AM	Stop Time: 12/3/2015 11:45:00 AM
12/10/2015 4:22:36 PM	Log Download - Used Battery: 29% Used Memory: 26% User Name: CShaw Interval - Start Time:
10/13/2015 1:00:00 AM	Stop Time: 12/10/2015 4:20:00 PM
12/17/2015 1:23:10 PM	Log Download - Used Battery: 29% Used Memory: 29% User Name: KMakar Interval - Start
Time: 12/1/2015 12:00:00 PM	Stop Time: 12/17/2015 1:30:00 PM
1/3/2016 2:47:58 PM	Log Download - Used Battery: 31% Used Memory: 35% User Name: CShaw Interval - Start Time:
11/30/2015 1:00:00 AM	Stop Time: 1/3/2016 3:45:00 PM
1/7/2016 11:09:53 AM	Log Download - Used Battery: 32% Used Memory: 35% User Name: KMakar Interval - Start
Time: 12/31/2015 10:00:00 AM	Stop Time: 1/7/2016 11:10:00 AM
1/14/2016 9:55:27 AM	Log Download - Used Battery: 32% Used Memory: 39% User Name: KMakar Interval - Start
Time: 1/4/2016 10:00:00 AM	Stop Time: 1/14/2016 9:55:00 AM
1/21/2016 1:03:06 PM	Log Download - Used Battery: 33% Used Memory: 42% User Name: KMakar Interval - Start
Time: 1/12/2016 11:00:00 AM	Stop Time: 1/21/2016 1:00:00 PM
1/28/2016 2:41:57 PM	Log Download - Used Battery: 34% Used Memory: 43% User Name: KMakar Interval - Start
Time: 1/18/2016 11:45:00 AM	Stop Time: 1/28/2016 2:40:00 PM
2/4/2016 4:06:14 PM	Log Download - Used Battery: 35% Used Memory: 46% User Name: CShaw Interval - Start Time:
12/31/2015 1:00:00 AM	Stop Time: 2/4/2016 4:05:00 PM
2/11/2016 8:32:57 AM	Log Download - Used Battery: 35% Used Memory: 48% User Name: CShaw Interval - Start Time:
2/2/2016 2:30:00 PM	Stop Time: 2/11/2016 9:30:00 AM
2/18/2016 12:44:45 PM	Log Download - Used Battery: 36% Used Memory: 51% User Name: CShaw Interval - Start Time:
2/4/2016 3:00:00 AM	Stop Time: 2/18/2016 12:45:00 PM
2/25/2016 12:45:48 PM	Log Download - Used Battery: 37% Used Memory: 53% User Name: KMakar Interval - Start
Time: 2/15/2016 5:30:00 PM	Stop Time: 2/25/2016 12:45:00 PM
3/3/2016 1:35:20 PM	Log Download - Used Battery: 38% Used Memory: 56% User Name: SKuiper Interval - Start Time:
1/31/2016 12:00:01 AM	Stop Time: 3/3/2016 2:35:00 PM
3/10/2016 3:27:14 PM	Log Download - Used Battery: 38% Used Memory: 59% User Name: KMakar Interval - Start
Time: 3/1/2016 12:00:00 PM	Stop Time: 3/10/2016 3:30:00 PM
3/17/2016 8:09:04 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start
Time: 2/3/2016 12:00:01 AM	Stop Time: 3/17/2016 9:05:00 AM
3/17/2016 8:09:49 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start
Time: 2/29/2016 12:00:01 AM	Stop Time: 3/17/2016 8:05:00 AM
3/17/2016 9:31:43 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start
Time: 3/17/2016 12:00:01 AM	Stop Time: 3/17/2016 9:05:00 AM
3/17/2016 9:32:07 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start
Time: 3/17/2016 12:00:01 AM	Stop Time: 3/17/2016 10:05:00 AM
3/18/2016 8:59:06 AM	Log Download - Used Battery: 39% Used Memory: 60% User Name: SKuiper Interval - Start
Time: 3/8/2016 9:00:00 AM	Stop Time: 3/18/2016 9:55:00 AM



3/24/2016 1:28:49 PM Log Download - Used Battery: 40% Used Memory: 64% User Name: KMakar Interval - Start  
 Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 1:30:00 PM  
 3/24/2016 2:13:42 PM User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test\_2016-03-24\_13-31-57-718.wsl""

Log Data:

Record Count: 2608

Sensors: 2

1 - 399147: PCTD 30 PSIA (10.9m/35.8ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft
Sensor: PCTD(A) 35.8ft	Sensor: PCTD(A) 35.8ft	Sensor: Baro-Adj Calc	Sensor: PCTD(A) 35.8ft
SN#: 399147	SN#: 399147	SN#: 399147	SN#: 399147
SN#: 000000	SN#: 399147	SN#: 399147	SN#: 399147

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)	Actual
Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)		
Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)			
3/17/2016 12:00:00 AM	129600.000	13.031	17.669	29.702	
10734.974	12482.894	7.221	8488.369	93.153	
1.004	14.721				
3/17/2016 12:05:00 AM	129900.000	13.027	17.669	29.693	
10736.321	12484.509	7.222	8489.467	93.142	
1.004	14.720				
3/17/2016 12:10:00 AM	130200.000	13.029	17.668	29.696	
10731.480	12478.928	7.218	8485.671	93.184	
1.004	14.720				
3/17/2016 12:15:00 AM	130500.000	13.027	17.668	29.693	
10733.687	12481.638	7.220	8487.515	93.165	
1.004	14.719				
3/17/2016 12:20:00 AM	130800.000	13.027	17.668	29.693	
10731.170	12478.736	7.218	8485.541	93.186	
1.004	14.720				
3/17/2016 12:25:00 AM	131100.000	13.027	17.668	29.692	
10731.937	12479.510	7.219	8486.066	93.180	
1.004	14.721				
3/17/2016 12:30:00 AM	131400.000	13.027	17.668	29.692	
10730.905	12478.382	7.218	8485.300	93.189	
1.004	14.722				
3/17/2016 12:35:00 AM	131700.000	13.028	17.668	29.694	
10727.528	12474.477	7.216	8482.646	93.218	
1.004	14.720				
3/17/2016 12:40:00 AM	132000.000	13.029	17.667	29.697	
10729.202	12476.595	7.217	8484.085	93.204	
1.004	14.718				
3/17/2016 12:45:00 AM	132300.000	13.034	17.668	29.710	
10726.724	12473.590	7.215	8482.041	93.225	
1.004	14.716				

3/17/2016 12:50:00 AM	132600.000	13.029	17.667	29.698
10724.468	12471.185	7.214	8480.406	93.245
1.004	14.717			
3/17/2016 12:55:00 AM	132900.000	13.030	17.667	29.698
10723.966	12470.526	7.213	8479.959	93.249
1.004	14.717			
3/17/2016 1:00:00 AM	133200.000	13.028	17.667	29.696
10723.034	12469.422	7.212	8479.207	93.257
1.004	14.717			
3/17/2016 1:05:00 AM	133500.000	13.029	17.667	29.696
10724.412	12471.165	7.213	8480.394	93.245
1.004	14.717			
3/17/2016 1:10:00 AM	133800.000	13.034	17.667	29.708
10718.874	12464.653	7.209	8475.965	93.293
1.004	14.716			
3/17/2016 1:15:00 AM	134100.000	13.035	17.667	29.711
10719.091	12464.978	7.210	8476.185	93.291
1.004	14.715			
3/17/2016 1:20:00 AM	134400.000	13.027	17.667	29.693
10715.171	12460.326	7.207	8473.021	93.326
1.004	14.717			
3/17/2016 1:25:00 AM	134700.000	13.033	17.667	29.706
10715.195	12460.401	7.207	8473.074	93.325
1.004	14.719			
3/17/2016 1:30:00 AM	135000.000	13.025	17.666	29.689
10712.559	12457.528	7.205	8471.120	93.348
1.004	14.721			
3/17/2016 1:35:00 AM	135300.000	13.029	17.666	29.696
10711.997	12456.827	7.205	8470.643	93.353
1.004	14.719			
3/17/2016 1:40:00 AM	135600.000	13.031	17.666	29.701
10711.348	12456.120	7.204	8470.162	93.359
1.004	14.717			
3/17/2016 1:45:00 AM	135900.000	13.039	17.666	29.720
10706.977	12451.084	7.201	8466.737	93.397
1.004	14.714			
3/17/2016 1:50:00 AM	136200.000	13.031	17.666	29.701
10707.938	12452.275	7.202	8467.548	93.389
1.004	14.716			
3/17/2016 1:55:00 AM	136500.000	13.029	17.666	29.696
10704.437	12448.107	7.199	8464.713	93.419
1.004	14.718			
3/17/2016 2:00:00 AM	136800.000	13.028	17.666	29.695
10703.585	12447.166	7.199	8464.073	93.427
1.004	14.719			
3/17/2016 2:05:00 AM	137100.000	13.028	17.666	29.694
10702.216	12445.672	7.198	8463.058	93.439
1.004	14.718			
3/17/2016 2:10:00 AM	137400.000	13.034	17.666	29.709
10703.191	12446.757	7.198	8463.796	93.430
1.004	14.716			
3/17/2016 2:15:00 AM	137700.000	13.030	17.666	29.699
10701.266	12444.613	7.197	8462.338	93.447
1.004	14.714			
3/17/2016 2:20:00 AM	138000.000	13.031	17.666	29.701
10699.120	12442.022	7.195	8460.576	93.466
1.004	14.711			
3/17/2016 2:25:00 AM	138300.000	13.034	17.666	29.708

10700.181	12443.232	7.196	8461.399	93.456
1.004	14.708			
3/17/2016 2:30:00 AM	138600.000	13.036	17.666	29.714
10700.195	12443.344	7.196	8461.475	93.456
1.004	14.706			
3/17/2016 2:35:00 AM	138900.000	13.036	17.666	29.713
10699.163	12442.072	7.195	8460.609	93.465
1.004	14.708			
3/17/2016 2:40:00 AM	139200.000	13.035	17.666	29.710
10697.189	12439.849	7.194	8459.097	93.482
1.004	14.709			
3/17/2016 2:45:00 AM	139500.000	13.035	17.666	29.710
10696.167	12438.638	7.193	8458.273	93.491
1.004	14.711			
3/17/2016 2:50:00 AM	139800.000	13.038	17.665	29.718
10698.138	12441.071	7.195	8459.930	93.474
1.004	14.709			
3/17/2016 2:55:00 AM	140100.000	13.034	17.665	29.709
10695.286	12437.686	7.193	8457.626	93.499
1.004	14.707			
3/17/2016 3:00:00 AM	140400.000	13.041	17.665	29.725
10694.812	12437.203	7.192	8457.298	93.503
1.004	14.705			
3/17/2016 3:05:00 AM	140700.000	13.037	17.665	29.716
10693.236	12435.422	7.191	8456.087	93.517
1.004	14.703			
3/17/2016 3:10:00 AM	141000.000	13.043	17.665	29.728
10696.451	12439.160	7.194	8458.630	93.489
1.004	14.701			
3/17/2016 3:15:00 AM	141300.000	13.045	17.665	29.733
10694.890	12437.392	7.192	8457.427	93.503
1.004	14.700			
3/17/2016 3:20:00 AM	141600.000	13.037	17.666	29.715
10693.105	12435.124	7.191	8455.885	93.518
1.004	14.702			
3/17/2016 3:25:00 AM	141900.000	13.037	17.665	29.716
10689.850	12431.504	7.189	8453.424	93.547
1.004	14.705			
3/17/2016 3:30:00 AM	142200.000	13.030	17.665	29.700
10690.985	12432.876	7.190	8454.356	93.537
1.004	14.708			
3/17/2016 3:35:00 AM	142500.000	13.030	17.665	29.700
10689.342	12431.011	7.188	8453.087	93.551
1.004	14.706			
3/17/2016 3:40:00 AM	142800.000	13.030	17.665	29.700
10688.275	12429.602	7.188	8452.129	93.560
1.004	14.704			
3/17/2016 3:45:00 AM	143100.000	13.032	17.664	29.705
10685.935	12427.242	7.186	8450.525	93.581
1.004	14.703			
3/17/2016 3:50:00 AM	143400.000	13.034	17.665	29.710
10687.098	12428.354	7.187	8451.281	93.571
1.004	14.701			
3/17/2016 3:55:00 AM	143700.000	13.035	17.664	29.711
10687.198	12428.687	7.187	8451.508	93.570
1.004	14.699			
3/17/2016 4:00:00 AM	144000.000	13.036	17.665	29.713
10684.100	12424.817	7.185	8448.876	93.597

1.004	14.698			
3/17/2016 4:05:00 AM	144300.000	13.037	17.664	29.716
10685.204	12426.318	7.186	8449.896	93.587
1.004	14.698			
3/17/2016 4:10:00 AM	144600.000	13.036	17.664	29.712
10682.521	12423.126	7.184	8447.727	93.611
1.004	14.697			
3/17/2016 4:15:00 AM	144900.000	13.037	17.664	29.715
10681.490	12421.975	7.183	8446.942	93.620
1.004	14.697			
3/17/2016 4:20:00 AM	145200.000	13.037	17.664	29.714
10679.367	12419.484	7.181	8445.250	93.639
1.004	14.698			
3/17/2016 4:25:00 AM	145500.000	13.033	17.665	29.706
10677.012	12416.646	7.179	8443.319	93.659
1.004	14.699			
3/17/2016 4:30:00 AM	145800.000	13.032	17.664	29.705
10674.132	12413.417	7.177	8441.124	93.684
1.004	14.701			
3/17/2016 4:35:00 AM	146100.000	13.031	17.664	29.702
10673.224	12412.314	7.177	8440.374	93.692
1.004	14.701			
3/17/2016 4:40:00 AM	146400.000	13.035	17.664	29.712
10669.848	12408.534	7.174	8437.805	93.722
1.004	14.702			
3/17/2016 4:45:00 AM	146700.000	13.029	17.664	29.698
10667.254	12405.492	7.173	8435.734	93.745
1.004	14.703			
3/17/2016 4:50:00 AM	147000.000	13.033	17.664	29.707
10668.104	12406.554	7.173	8436.458	93.737
1.004	14.700			
3/17/2016 4:55:00 AM	147300.000	13.033	17.664	29.707
10663.992	12401.725	7.170	8433.173	93.774
1.004	14.698			
3/17/2016 5:00:00 AM	147600.000	13.037	17.664	29.716
10665.429	12403.395	7.171	8434.309	93.761
1.004	14.696			
3/17/2016 5:05:00 AM	147900.000	13.035	17.664	29.710
10659.814	12396.914	7.167	8429.902	93.810
1.004	14.696			
3/17/2016 5:10:00 AM	148200.000	13.034	17.664	29.708
10656.274	12392.770	7.165	8427.083	93.841
1.004	14.695			
3/17/2016 5:15:00 AM	148500.000	13.035	17.663	29.712
10649.498	12385.013	7.160	8421.810	93.901
1.004	14.695			
3/17/2016 5:20:00 AM	148800.000	13.035	17.664	29.710
10642.014	12376.235	7.154	8415.840	93.967
1.004	14.696			
3/17/2016 5:25:00 AM	149100.000	13.033	17.663	29.707
10631.708	12364.397	7.147	8407.790	94.058
1.004	14.696			
3/17/2016 5:30:00 AM	149400.000	13.033	17.663	29.706
10620.721	12351.568	7.139	8399.067	94.156
1.004	14.697			
3/17/2016 5:35:00 AM	149700.000	13.039	17.663	29.721
10608.875	12337.843	7.130	8389.734	94.261
1.004	14.696			

3/17/2016 5:40:00 AM	150000.000	13.034	17.664	29.709
10600.094	12327.484	7.124	8382.689	94.339
1.004	14.694			
3/17/2016 5:45:00 AM	150300.000	13.036	17.664	29.713
10591.575	12317.578	7.118	8375.954	94.415
1.004	14.693			
3/17/2016 5:50:00 AM	150600.000	13.039	17.663	29.720
10582.894	12307.648	7.112	8369.201	94.492
1.004	14.691			
3/17/2016 5:55:00 AM	150900.000	13.040	17.663	29.722
10574.540	12297.814	7.105	8362.515	94.567
1.004	14.690			
3/17/2016 6:00:00 AM	151200.000	13.046	17.663	29.736
10565.061	12286.860	7.099	8355.066	94.652
1.004	14.688			
3/17/2016 6:05:00 AM	151500.000	13.040	17.663	29.722
10559.736	12280.646	7.095	8350.840	94.699
1.004	14.690			
3/17/2016 6:10:00 AM	151800.000	13.037	17.663	29.715
10552.112	12271.851	7.089	8344.859	94.768
1.004	14.692			
3/17/2016 6:15:00 AM	152100.000	13.036	17.663	29.712
10549.163	12268.350	7.087	8342.478	94.794
1.004	14.695			
3/17/2016 6:20:00 AM	152400.000	13.035	17.663	29.711
10541.764	12259.910	7.082	8336.739	94.861
1.004	14.693			
3/17/2016 6:25:00 AM	152700.000	13.038	17.663	29.717
10540.799	12258.812	7.081	8335.993	94.869
1.004	14.692			
3/17/2016 6:30:00 AM	153000.000	13.041	17.663	29.724
10537.678	12255.159	7.079	8333.510	94.898
1.004	14.691			
3/17/2016 6:35:00 AM	153300.000	13.041	17.662	29.724
10530.424	12246.796	7.074	8327.821	94.963
1.004	14.690			
3/17/2016 6:40:00 AM	153600.000	13.047	17.663	29.738
10531.360	12247.835	7.074	8328.528	94.954
1.004	14.689			
3/17/2016 6:45:00 AM	153900.000	13.043	17.663	29.728
10523.471	12238.541	7.068	8322.208	95.026
1.004	14.688			
3/17/2016 6:50:00 AM	154200.000	13.046	17.662	29.736
10520.949	12235.776	7.067	8320.329	95.048
1.004	14.689			
3/17/2016 6:55:00 AM	154500.000	13.040	17.663	29.723
10513.883	12227.485	7.062	8314.690	95.112
1.004	14.690			
3/17/2016 7:00:00 AM	154800.000	13.040	17.662	29.722
10509.995	12223.010	7.059	8311.646	95.148
1.004	14.692			
3/17/2016 7:05:00 AM	155100.000	13.041	17.663	29.724
10501.065	12212.579	7.052	8304.554	95.228
1.004	14.692			
3/17/2016 7:10:00 AM	155400.000	13.038	17.662	29.718
10496.246	12207.047	7.049	8300.793	95.272
1.004	14.693			
3/17/2016 7:15:00 AM	155700.000	13.038	17.662	29.717

10493.160	12203.573	7.047	8298.431	95.300
1.004	14.694			
3/17/2016 7:20:00 AM	156000.000	13.044	17.662	29.732
10487.024	12196.295	7.042	8293.480	95.356
1.004	14.694			
3/17/2016 7:25:00 AM	156300.000	13.039	17.662	29.719
10480.709	12189.022	7.038	8288.535	95.413
1.004	14.695			
3/17/2016 7:30:00 AM	156600.000	13.038	17.663	29.719
10479.664	12187.645	7.037	8287.599	95.423
1.004	14.695			
3/17/2016 7:35:00 AM	156900.000	13.039	17.662	29.719
10471.178	12177.983	7.031	8281.028	95.500
1.004	14.695			
3/17/2016 7:40:00 AM	157200.000	13.039	17.662	29.720
10463.544	12168.988	7.025	8274.913	95.570
1.004	14.695			
3/17/2016 7:45:00 AM	157500.000	13.039	17.662	29.720
10459.787	12164.715	7.023	8272.006	95.604
1.004	14.694			
3/17/2016 7:50:00 AM	157800.000	13.040	17.662	29.721
10453.009	12156.735	7.018	8266.581	95.666
1.004	14.695			
3/17/2016 7:55:00 AM	158100.000	13.039	17.662	29.720
10448.955	12152.093	7.015	8263.423	95.703
1.004	14.696			
3/17/2016 8:00:00 AM	158400.000	13.038	17.662	29.717
10444.285	12146.617	7.011	8259.701	95.746
1.004	14.696			
3/17/2016 8:05:00 AM	158700.000	13.038	17.662	29.718
10439.979	12141.724	7.008	8256.372	95.786
1.004	14.697			
3/17/2016 8:10:00 AM	159000.079	13.038	17.662	29.717
10438.511	12139.874	7.007	8255.114	95.799
1.004	14.698			
3/17/2016 8:15:00 AM	159300.000	13.037	17.663	29.716
10433.479	12134.000	7.003	8251.120	95.845
1.004	14.699			
3/17/2016 8:20:00 AM	159600.000	12.852	17.663	29.294
10357.856	12046.004	6.949	8191.283	96.545
1.004	14.699			
3/17/2016 8:25:00 AM	159900.000	12.853	17.662	29.296
10339.410	12024.762	6.935	8176.838	96.717
1.004	14.699			
3/17/2016 8:30:00 AM	160200.000	12.207	17.662	27.824
10189.075	11849.854	6.827	8057.900	98.144
1.004	14.699			
3/17/2016 8:35:00 AM	160500.000	12.792	17.662	29.156
10245.209	11915.228	6.867	8102.355	97.607
1.004	14.698			
3/17/2016 8:40:00 AM	160800.000	12.878	17.665	29.354
10222.217	11887.548	6.850	8083.533	97.826
1.004	14.696			
3/17/2016 8:45:00 AM	161100.000	12.872	17.663	29.340
10208.536	11872.260	6.841	8073.137	97.957
1.004	14.695			
3/17/2016 8:50:00 AM	161400.000	7.572	17.694	17.258
9795.230	11383.742	6.538	7740.945	102.090

1.004	14.696				
3/17/2016 8:55:00 AM	161700.000		6.978	17.707	15.904
9422.875	10947.824		6.269	7444.521	106.125
1.003	14.696				
3/17/2016 9:00:00 AM	162000.000		-0.001	14.979	-0.002
27.851	34.443	0.015		23.422	35905.801
0.999	14.697				
3/17/2016 9:05:00 AM	162300.000		0.002	12.584	0.005
0.755	0.989	0.000		0.673	1324784.250
0.999	14.697				
3/17/2016 9:10:00 AM	162600.000		-0.001	14.289	-0.003
0.000	0.000	0.000		0.000	10000000.000
0.999	14.697				
3/17/2016 9:15:00 AM	162900.000		0.001	15.963	0.002
0.000	0.000	0.000		0.000	10000000.000
0.999	14.697				
3/17/2016 9:20:00 AM	163200.000		12.762	17.583	29.089
9590.538	11173.413	6.407		7597.921	104.269
1.004	14.697				
3/17/2016 9:25:00 AM	163500.000		13.010	17.648	29.655
9857.253	11467.588	6.590		7797.960	101.448
1.004	14.696				
3/17/2016 9:30:00 AM	163800.000		13.017	17.656	29.669
9873.645	11484.720	6.600		7809.610	101.280
1.004	14.696				
3/17/2016 9:35:00 AM	164100.000		13.012	17.659	29.658
9883.856	11495.730	6.607		7817.097	101.175
1.004	14.695				
3/17/2016 9:40:00 AM	164400.000		13.011	17.660	29.656
9893.312	11506.482	6.614		7824.409	101.078
1.004	14.694				
3/17/2016 9:45:00 AM	164700.000		13.013	17.659	29.660
9896.888	11510.753	6.617		7827.313	101.042
1.004	14.694				
3/17/2016 9:50:00 AM	165000.000		13.012	17.659	29.658
9899.419	11513.808	6.619		7829.390	101.016
1.004	14.695				
3/17/2016 9:55:00 AM	165300.000		13.011	17.660	29.655
9899.538	11513.572	6.618		7829.229	101.015
1.004	14.696				
3/17/2016 10:00:00 AM	165600.000		13.008	17.660	29.650
9900.462	11514.666	6.619		7829.974	101.005
1.004	14.698				
3/17/2016 10:05:00 AM	165900.000		13.007	17.661	29.648
9901.722	11515.996	6.620		7830.878	100.993
1.004	14.698				
3/17/2016 10:10:00 AM	166200.000		13.013	17.661	29.660
9900.715	11514.872	6.619		7830.114	101.003
1.004	14.698				
3/17/2016 10:15:00 AM	166500.000		13.006	17.660	29.645
9900.906	11515.183	6.619		7830.325	101.001
1.004	14.699				
3/17/2016 10:20:00 AM	166800.000		13.008	17.660	29.648
9897.870	11511.651	6.617		7827.923	101.032
1.004	14.699				
3/17/2016 10:25:00 AM	167100.000		13.007	17.661	29.647
9898.733	11512.567	6.618		7828.546	101.023
1.004	14.699				

3/17/2016 10:30:00 AM	167400.000	13.006	17.660	29.645
9899.770	11513.905	6.619	7829.456	101.012
1.004	14.699			
3/17/2016 10:35:00 AM	167700.000	13.011	17.661	29.656
9899.120	11512.928	6.618	7828.792	101.019
1.004	14.700			
3/17/2016 10:40:00 AM	168000.000	13.009	17.661	29.651
9898.961	11512.876	6.618	7828.756	101.021
1.004	14.701			
3/17/2016 10:45:00 AM	168300.000	13.004	17.661	29.640
9896.760	11510.294	6.616	7827.000	101.043
1.004	14.702			
3/17/2016 10:50:00 AM	168600.000	13.008	17.661	29.650
9898.607	11512.307	6.618	7828.369	101.024
1.004	14.698			
3/17/2016 10:55:00 AM	168900.000	13.013	17.661	29.661
9897.592	11511.193	6.617	7827.612	101.035
1.004	14.693			
3/17/2016 11:00:00 AM	169200.000	13.017	17.661	29.671
9896.777	11510.203	6.616	7826.938	101.043
1.004	14.689			
3/17/2016 11:05:00 AM	169500.000	13.015	17.661	29.665
9897.275	11510.737	6.617	7827.301	101.038
1.004	14.690			
3/17/2016 11:10:00 AM	169800.000	13.012	17.661	29.659
9897.255	11510.669	6.617	7827.255	101.038
1.004	14.692			
3/17/2016 11:15:00 AM	170100.000	13.011	17.661	29.657
9896.678	11510.063	6.616	7826.843	101.044
1.004	14.693			
3/17/2016 11:20:00 AM	170400.000	13.010	17.661	29.655
9897.042	11510.512	6.616	7827.148	101.040
1.004	14.694			
3/17/2016 11:25:00 AM	170700.000	13.010	17.661	29.653
9894.674	11507.777	6.615	7825.289	101.064
1.004	14.694			
3/17/2016 11:30:00 AM	171000.000	13.009	17.661	29.652
9893.547	11506.446	6.614	7824.384	101.076
1.004	14.694			
3/17/2016 11:35:00 AM	171300.000	13.010	17.662	29.654
9888.760	11500.697	6.610	7820.475	101.125
1.004	14.691			
3/17/2016 11:40:00 AM	171600.000	13.014	17.661	29.662
9891.537	11504.019	6.612	7822.733	101.097
1.004	14.688			
3/17/2016 11:45:00 AM	171900.000	13.016	17.661	29.668
9889.563	11501.788	6.611	7821.216	101.117
1.004	14.685			
3/17/2016 11:50:00 AM	172200.000	13.021	17.661	29.678
9886.641	11498.414	6.609	7818.922	101.147
1.004	14.686			
3/17/2016 11:55:00 AM	172500.000	13.016	17.661	29.666
9883.178	11494.361	6.606	7816.167	101.182
1.004	14.687			
3/17/2016 12:00:00 PM	172800.000	13.014	17.661	29.663
9883.050	11494.192	6.606	7816.051	101.183
1.004	14.688			
3/17/2016 12:05:00 PM	173100.000	13.012	17.662	29.659



9879.944	11490.423	6.604	7813.488	101.215
1.004	14.689			
3/17/2016 12:10:00 PM	173400.000	13.012	17.661	29.658
9879.859	11490.459	6.604	7813.513	101.216
1.004	14.690			
3/17/2016 12:15:00 PM	173700.000	13.015	17.662	29.664
9877.455	11487.575	6.602	7811.552	101.241
1.004	14.691			
3/17/2016 12:20:00 PM	174000.000	13.010	17.662	29.654
9872.357	11481.689	6.599	7807.549	101.293
1.004	14.692			
3/17/2016 12:25:00 PM	174300.000	13.008	17.661	29.649
9867.534	11476.147	6.595	7803.781	101.342
1.004	14.694			
3/17/2016 12:30:00 PM	174600.000	13.009	17.662	29.651
9858.947	11465.959	6.589	7796.853	101.431
1.004	14.695			
3/17/2016 12:35:00 PM	174900.000	13.015	17.662	29.666
9850.127	11455.835	6.583	7789.968	101.522
1.004	14.693			
3/17/2016 12:40:00 PM	175200.000	13.012	17.661	29.658
9839.206	11443.247	6.575	7781.409	101.634
1.004	14.691			
3/17/2016 12:45:00 PM	175500.000	13.019	17.661	29.674
9829.449	11431.964	6.568	7773.735	101.735
1.004	14.689			
3/17/2016 12:50:00 PM	175800.000	13.018	17.661	29.672
9819.734	11420.532	6.561	7765.962	101.836
1.004	14.690			
3/17/2016 12:55:00 PM	176100.000	13.010	17.661	29.654
9809.382	11408.648	6.553	7757.881	101.943
1.004	14.692			
3/17/2016 1:00:00 PM	176400.000	13.007	17.661	29.648
9801.833	11399.846	6.548	7751.896	102.022
1.004	14.693			
3/17/2016 1:05:00 PM	176700.000	13.014	17.662	29.663
9795.390	11392.175	6.543	7746.679	102.089
1.004	14.692			
3/17/2016 1:10:00 PM	177000.000	13.011	17.662	29.656
9788.447	11384.077	6.538	7741.173	102.161
1.004	14.691			
3/17/2016 1:15:00 PM	177300.000	13.012	17.661	29.658
9781.392	11375.981	6.533	7735.667	102.235
1.004	14.689			
3/17/2016 1:20:00 PM	177600.000	13.010	17.661	29.654
9775.376	11368.942	6.529	7730.881	102.298
1.004	14.690			
3/17/2016 1:25:00 PM	177900.000	13.014	17.661	29.662
9770.759	11363.596	6.526	7727.245	102.346
1.004	14.691			
3/17/2016 1:30:00 PM	178200.000	13.008	17.661	29.650
9767.151	11359.356	6.523	7724.363	102.384
1.004	14.692			
3/17/2016 1:35:00 PM	178500.000	13.009	17.661	29.652
9762.668	11354.230	6.520	7720.877	102.431
1.004	14.691			
3/17/2016 1:40:00 PM	178800.000	13.012	17.660	29.658
9761.420	11352.936	6.519	7719.997	102.444

1.004	14.689			
3/17/2016 1:45:00 PM	179100.000	13.012	17.661	29.659
9757.625	11348.366	6.516	7716.889	102.484
1.004	14.688			
3/17/2016 1:50:00 PM	179400.000	13.011	17.662	29.657
9755.060	11345.182	6.514	7714.724	102.511
1.004	14.688			
3/17/2016 1:55:00 PM	179700.000	13.010	17.661	29.654
9750.628	11340.160	6.511	7711.310	102.557
1.004	14.688			
3/17/2016 2:00:00 PM	180000.000	13.010	17.661	29.653
9747.122	11336.238	6.509	7708.643	102.594
1.004	14.689			
3/17/2016 2:05:00 PM	180300.000	13.010	17.661	29.653
9745.805	11334.683	6.508	7707.585	102.608
1.004	14.688			
3/17/2016 2:10:00 PM	180600.000	13.011	17.661	29.656
9743.097	11331.401	6.506	7705.353	102.637
1.004	14.687			
3/17/2016 2:15:00 PM	180900.000	13.010	17.661	29.654
9741.925	11330.126	6.505	7704.486	102.649
1.004	14.687			
3/17/2016 2:20:00 PM	181200.000	13.009	17.661	29.651
9746.680	11335.591	6.508	7708.202	102.599
1.004	14.688			
3/17/2016 2:25:00 PM	181500.000	13.008	17.661	29.649
9743.030	11331.479	6.506	7705.407	102.637
1.004	14.689			
3/17/2016 2:30:00 PM	181800.000	13.010	17.661	29.653
9744.148	11332.625	6.506	7706.186	102.626
1.004	14.690			
3/17/2016 2:35:00 PM	182100.000	13.011	17.661	29.657
9741.984	11330.217	6.505	7704.548	102.648
1.004	14.685			
3/17/2016 2:40:00 PM	182400.000	13.017	17.661	29.670
9739.751	11327.666	6.503	7702.813	102.672
1.004	14.680			
3/17/2016 2:45:00 PM	182700.000	13.022	17.661	29.681
9738.463	11326.168	6.502	7701.794	102.686
1.004	14.675			
3/17/2016 2:50:00 PM	183000.000	13.018	17.661	29.672
9739.318	11327.030	6.503	7702.381	102.677
1.004	14.678			
3/17/2016 2:55:00 PM	183300.000	13.014	17.661	29.662
9737.874	11325.525	6.502	7701.358	102.692
1.004	14.681			
3/17/2016 3:00:00 PM	183600.000	13.009	17.661	29.651
9738.046	11325.683	6.502	7701.465	102.690
1.004	14.684			
3/17/2016 3:05:00 PM	183900.000	13.009	17.662	29.652
9738.000	11325.341	6.502	7701.232	102.690
1.004	14.684			
3/17/2016 3:10:00 PM	184200.000	13.010	17.661	29.653
9736.039	11323.172	6.501	7699.757	102.711
1.004	14.683			
3/17/2016 3:15:00 PM	184500.000	13.010	17.661	29.655
9736.523	11323.799	6.501	7700.184	102.706
1.004	14.683			

3/17/2016 3:20:00 PM	184800.000	13.010	17.661	29.653
9735.658	11322.773	6.500	7699.486	102.715
1.004	14.684			
3/17/2016 3:25:00 PM	185100.000	13.009	17.661	29.652
9734.047	11320.919	6.499	7698.226	102.732
1.004	14.684			
3/17/2016 3:30:00 PM	185400.000	13.014	17.661	29.664
9733.782	11320.745	6.499	7698.107	102.735
1.004	14.684			
3/17/2016 3:35:00 PM	185700.000	13.009	17.661	29.652
9734.571	11321.596	6.500	7698.686	102.727
1.004	14.683			
3/17/2016 3:40:00 PM	186000.000	13.010	17.661	29.653
9730.242	11316.606	6.497	7695.293	102.772
1.004	14.682			
3/17/2016 3:45:00 PM	186300.000	13.009	17.661	29.652
9730.590	11316.943	6.497	7695.522	102.769
1.004	14.682			
3/17/2016 3:50:00 PM	186600.000	13.009	17.661	29.650
9731.516	11317.975	6.497	7696.223	102.759
1.004	14.682			
3/17/2016 3:55:00 PM	186900.000	13.007	17.661	29.648
9730.861	11317.327	6.497	7695.783	102.766
1.004	14.683			
3/17/2016 4:00:00 PM	187200.000	13.007	17.661	29.647
9729.784	11316.027	6.496	7694.898	102.777
1.004	14.684			
3/17/2016 4:05:00 PM	187500.000	13.007	17.660	29.648
9727.591	11313.675	6.495	7693.299	102.800
1.004	14.683			
3/17/2016 4:10:00 PM	187800.000	13.009	17.661	29.652
9725.451	11310.988	6.493	7691.473	102.823
1.004	14.681			
3/17/2016 4:15:00 PM	188100.000	13.010	17.661	29.653
9724.154	11309.503	6.492	7690.462	102.837
1.004	14.680			
3/17/2016 4:20:00 PM	188400.000	13.010	17.661	29.654
9723.418	11308.515	6.492	7689.790	102.844
1.004	14.680			
3/17/2016 4:25:00 PM	188700.000	13.009	17.661	29.652
9722.150	11307.195	6.491	7688.894	102.858
1.004	14.680			
3/17/2016 4:30:00 PM	189000.000	13.008	17.661	29.648
9722.208	11307.217	6.491	7688.908	102.857
1.004	14.680			
3/17/2016 4:35:00 PM	189300.000	13.010	17.661	29.653
9719.790	11304.450	6.489	7687.026	102.883
1.004	14.678			
3/17/2016 4:40:00 PM	189600.000	13.011	17.660	29.657
9717.443	11301.789	6.487	7685.217	102.908
1.004	14.677			
3/17/2016 4:45:00 PM	189900.000	13.012	17.661	29.659
9716.056	11300.149	6.486	7684.102	102.922
1.004	14.676			
3/17/2016 4:50:00 PM	190200.000	13.015	17.661	29.666
9715.805	11299.702	6.486	7683.798	102.925
1.004	14.676			
3/17/2016 4:55:00 PM	190500.000	13.010	17.661	29.654

9714.617	11298.455	6.485	7682.950	102.938
1.004	14.677			
3/17/2016 5:00:00 PM	190800.000	13.010	17.661	29.654
9713.284	11296.905	6.484	7681.896	102.952
1.004	14.678			
3/17/2016 5:05:00 PM	191100.000	13.012	17.661	29.658
9710.790	11293.983	6.483	7679.909	102.978
1.004	14.679			
3/17/2016 5:10:00 PM	191400.000	13.006	17.661	29.644
9707.962	11290.736	6.481	7677.701	103.008
1.004	14.680			
3/17/2016 5:15:00 PM	191700.000	13.006	17.660	29.645
9707.887	11290.716	6.481	7677.687	103.009
1.004	14.682			
3/17/2016 5:20:00 PM	192000.000	13.004	17.660	29.640
9706.116	11288.656	6.479	7676.287	103.028
1.004	14.683			
3/17/2016 5:25:00 PM	192300.000	13.003	17.660	29.639
9705.920	11288.428	6.479	7676.131	103.030
1.004	14.684			
3/17/2016 5:30:00 PM	192600.000	13.004	17.661	29.640
9702.410	11284.191	6.477	7673.250	103.067
1.004	14.684			
3/17/2016 5:35:00 PM	192900.000	13.005	17.660	29.642
9702.993	11285.045	6.477	7673.831	103.061
1.004	14.683			
3/17/2016 5:40:00 PM	193200.000	13.008	17.661	29.648
9702.414	11284.263	6.477	7673.299	103.067
1.004	14.682			
3/17/2016 5:45:00 PM	193500.000	13.009	17.661	29.651
9701.369	11282.938	6.476	7672.398	103.078
1.004	14.681			
3/17/2016 5:50:00 PM	193800.000	13.012	17.661	29.658
9699.124	11280.369	6.474	7670.651	103.102
1.004	14.680			
3/17/2016 5:55:00 PM	194100.000	13.014	17.660	29.662
9700.346	11282.052	6.475	7671.796	103.089
1.004	14.679			
3/17/2016 6:00:00 PM	194400.000	13.014	17.661	29.663
9700.179	11281.618	6.475	7671.500	103.091
1.004	14.678			
3/17/2016 6:05:00 PM	194700.000	13.012	17.661	29.659
9696.780	11277.666	6.472	7668.813	103.127
1.004	14.681			
3/17/2016 6:10:00 PM	195000.000	13.009	17.661	29.652
9695.591	11276.238	6.472	7667.843	103.140
1.004	14.684			
3/17/2016 6:15:00 PM	195300.000	13.007	17.661	29.648
9696.571	11277.446	6.472	7668.664	103.129
1.004	14.687			
3/17/2016 6:20:00 PM	195600.000	13.008	17.661	29.648
9695.464	11276.200	6.472	7667.816	103.141
1.004	14.686			
3/17/2016 6:25:00 PM	195900.000	13.007	17.660	29.646
9692.686	11272.994	6.470	7665.637	103.171
1.004	14.686			
3/17/2016 6:30:00 PM	196200.000	13.009	17.660	29.652
9692.146	11272.409	6.469	7665.239	103.176

1.004	14.686			
3/17/2016 6:35:00 PM	196500.000	13.009	17.661	29.653
9690.494	11270.224	6.468	7663.752	103.194
1.004	14.686			
3/17/2016 6:40:00 PM	196800.000	13.010	17.660	29.655
9692.388	11272.667	6.469	7665.414	103.174
1.004	14.686			
3/17/2016 6:45:00 PM	197100.000	13.009	17.661	29.651
9691.232	11271.214	6.468	7664.426	103.186
1.004	14.687			
3/17/2016 6:50:00 PM	197400.000	13.008	17.661	29.649
9691.663	11271.759	6.469	7664.796	103.181
1.004	14.689			
3/17/2016 6:55:00 PM	197700.000	13.007	17.660	29.647
9689.075	11268.837	6.467	7662.810	103.209
1.004	14.692			
3/17/2016 7:00:00 PM	198000.000	13.005	17.660	29.643
9689.771	11269.604	6.467	7663.331	103.202
1.004	14.694			
3/17/2016 7:05:00 PM	198300.000	13.007	17.660	29.647
9688.303	11267.896	6.466	7662.170	103.217
1.004	14.693			
3/17/2016 7:10:00 PM	198600.000	13.010	17.661	29.654
9687.536	11266.892	6.466	7661.487	103.225
1.004	14.692			
3/17/2016 7:15:00 PM	198900.000	13.010	17.661	29.653
9683.421	11262.105	6.463	7658.232	103.269
1.004	14.690			
3/17/2016 7:20:00 PM	199200.000	13.010	17.661	29.653
9683.911	11262.698	6.463	7658.635	103.264
1.004	14.691			
3/17/2016 7:25:00 PM	199500.000	13.008	17.661	29.650
9684.313	11263.077	6.463	7658.893	103.260
1.004	14.692			
3/17/2016 7:30:00 PM	199800.000	13.007	17.661	29.647
9683.577	11262.334	6.463	7658.388	103.268
1.004	14.693			
3/17/2016 7:35:00 PM	200100.000	13.011	17.660	29.656
9684.539	11263.604	6.464	7659.251	103.257
1.004	14.693			
3/17/2016 7:40:00 PM	200400.000	13.011	17.660	29.656
9682.708	11261.390	6.462	7657.745	103.277
1.004	14.692			
3/17/2016 7:45:00 PM	200700.000	13.016	17.661	29.669
9681.955	11260.424	6.462	7657.089	103.285
1.004	14.692			
3/17/2016 7:50:00 PM	201000.000	13.007	17.661	29.647
9680.338	11258.543	6.461	7655.810	103.302
1.004	14.695			
3/17/2016 7:55:00 PM	201300.000	13.007	17.661	29.647
9680.906	11259.204	6.461	7656.259	103.296
1.004	14.699			
3/17/2016 8:00:00 PM	201600.000	13.008	17.661	29.649
9682.328	11260.857	6.462	7657.383	103.281
1.004	14.703			
3/17/2016 8:05:00 PM	201900.000	13.007	17.660	29.647
9678.290	11256.314	6.459	7654.294	103.324
1.004	14.702			

3/17/2016 8:10:00 PM	202200.000	13.014	17.660	29.662
9680.917	11259.522	6.461	7656.476	103.296
1.004	14.702			
3/17/2016 8:15:00 PM	202500.000	13.014	17.661	29.662
9679.246	11257.297	6.460	7654.962	103.314
1.004	14.701			
3/17/2016 8:20:00 PM	202800.000	13.008	17.660	29.650
9678.530	11256.614	6.459	7654.498	103.321
1.004	14.700			
3/17/2016 8:25:00 PM	203100.000	13.011	17.660	29.655
9678.096	11256.044	6.459	7654.110	103.326
1.004	14.700			
3/17/2016 8:30:00 PM	203400.000	13.012	17.661	29.657
9677.003	11254.729	6.458	7653.217	103.338
1.004	14.699			
3/17/2016 8:35:00 PM	203700.000	13.006	17.661	29.645
9676.561	11254.215	6.458	7652.866	103.343
1.004	14.703			
3/17/2016 8:40:00 PM	204000.000	13.005	17.661	29.642
9676.456	11254.094	6.458	7652.784	103.344
1.004	14.706			
3/17/2016 8:45:00 PM	204300.000	13.003	17.660	29.639
9675.229	11252.864	6.457	7651.948	103.357
1.004	14.710			
3/17/2016 8:50:00 PM	204600.000	13.004	17.660	29.641
9672.086	11249.099	6.455	7649.387	103.390
1.004	14.708			
3/17/2016 8:55:00 PM	204900.000	13.007	17.661	29.647
9670.893	11247.623	6.454	7648.384	103.403
1.004	14.706			
3/17/2016 9:00:00 PM	205200.000	13.009	17.661	29.652
9669.579	11246.074	6.453	7647.331	103.417
1.004	14.704			
3/17/2016 9:05:00 PM	205500.000	13.009	17.661	29.653
9667.348	11243.458	6.451	7645.552	103.441
1.004	14.703			
3/17/2016 9:10:00 PM	205800.000	13.010	17.660	29.653
9668.790	11245.222	6.452	7646.751	103.426
1.004	14.703			
3/17/2016 9:15:00 PM	206100.000	13.010	17.660	29.654
9665.861	11241.859	6.450	7644.464	103.457
1.004	14.703			
3/17/2016 9:20:00 PM	206400.000	13.010	17.660	29.653
9665.103	11241.021	6.450	7643.894	103.465
1.004	14.704			
3/17/2016 9:25:00 PM	206700.000	13.009	17.660	29.651
9663.760	11239.371	6.449	7642.772	103.479
1.004	14.706			
3/17/2016 9:30:00 PM	207000.000	13.008	17.660	29.650
9662.362	11237.746	6.448	7641.668	103.494
1.004	14.707			
3/17/2016 9:35:00 PM	207300.000	13.009	17.660	29.651
9657.838	11232.571	6.445	7638.149	103.543
1.004	14.708			
3/17/2016 9:40:00 PM	207600.000	13.008	17.661	29.649
9657.956	11232.535	6.445	7638.125	103.542
1.004	14.709			
3/17/2016 9:45:00 PM	207900.000	13.007	17.661	29.648

9654.490	11228.547	6.442	7635.413	103.579
1.004	14.709			
3/17/2016 9:50:00 PM	208200.000	13.008	17.660	29.649
9652.799	11226.667	6.441	7634.134	103.597
1.004	14.710			
3/17/2016 9:55:00 PM	208500.000	13.009	17.660	29.651
9648.520	11221.646	6.438	7630.720	103.643
1.004	14.711			
3/17/2016 10:00:00 PM	208800.000	13.007	17.661	29.647
9646.032	11218.710	6.436	7628.723	103.670
1.004	14.712			
3/17/2016 10:05:00 PM	209100.000	13.009	17.661	29.652
9643.305	11215.495	6.434	7626.537	103.699
1.004	14.710			
3/17/2016 10:10:00 PM	209400.000	13.009	17.660	29.652
9639.520	11211.179	6.431	7623.602	103.740
1.004	14.708			
3/17/2016 10:15:00 PM	209700.000	13.010	17.661	29.654
9633.260	11203.813	6.427	7618.593	103.807
1.004	14.707			
3/17/2016 10:20:00 PM	210000.000	13.010	17.660	29.653
9627.964	11197.739	6.423	7614.463	103.864
1.004	14.708			
3/17/2016 10:25:00 PM	210300.000	13.010	17.661	29.654
9620.209	11188.635	6.417	7608.272	103.948
1.004	14.709			
3/17/2016 10:30:00 PM	210600.000	13.010	17.661	29.653
9618.611	11186.818	6.416	7607.037	103.965
1.004	14.710			
3/17/2016 10:35:00 PM	210900.000	13.009	17.660	29.651
9611.045	11178.084	6.411	7601.098	104.047
1.004	14.711			
3/17/2016 10:40:00 PM	211200.000	13.008	17.660	29.650
9603.508	11169.318	6.406	7595.137	104.129
1.004	14.713			
3/17/2016 10:45:00 PM	211500.000	13.007	17.660	29.647
9601.354	11166.771	6.404	7593.405	104.152
1.004	14.715			
3/17/2016 10:50:00 PM	211800.000	13.006	17.660	29.644
9587.773	11150.978	6.394	7582.666	104.299
1.004	14.714			
3/17/2016 10:55:00 PM	212100.000	13.007	17.660	29.647
9582.632	11145.016	6.391	7578.611	104.355
1.004	14.713			
3/17/2016 11:00:00 PM	212400.000	13.007	17.660	29.647
9569.154	11129.341	6.381	7567.952	104.502
1.004	14.713			
3/17/2016 11:05:00 PM	212700.000	13.008	17.660	29.650
9556.959	11115.221	6.372	7558.351	104.636
1.004	14.712			
3/17/2016 11:10:00 PM	213000.000	13.007	17.660	29.647
9541.642	11097.343	6.361	7546.193	104.804
1.004	14.711			
3/17/2016 11:15:00 PM	213300.000	13.009	17.661	29.651
9527.738	11081.064	6.351	7535.125	104.957
1.004	14.710			
3/17/2016 11:20:00 PM	213600.000	13.008	17.660	29.649
9515.632	11067.198	6.343	7525.695	105.090

1.004	14.710			
3/17/2016 11:25:00 PM	213900.000	13.010	17.660	29.655
9496.080	11044.334	6.328	7510.147	105.307
1.003	14.710			
3/17/2016 11:30:00 PM	214200.000	13.009	17.661	29.651
9483.138	11029.257	6.319	7499.895	105.450
1.003	14.710			
3/17/2016 11:35:00 PM	214500.000	13.013	17.661	29.660
9469.838	11013.789	6.310	7489.377	105.598
1.003	14.711			
3/17/2016 11:40:00 PM	214800.000	13.007	17.661	29.648
9459.230	11001.301	6.302	7480.885	105.717
1.003	14.712			
3/17/2016 11:45:00 PM	215100.000	13.011	17.660	29.656
9440.686	10979.926	6.289	7466.350	105.925
1.003	14.712			
3/17/2016 11:50:00 PM	215400.000	13.006	17.660	29.645
9430.262	10967.908	6.281	7458.178	106.042
1.003	14.713			
3/17/2016 11:55:00 PM	215700.000	13.008	17.661	29.650
9439.118	10977.997	6.288	7465.038	105.942
1.003	14.714			
3/18/2016 12:00:00 AM	216000.000	13.007	17.661	29.648
9535.229	11089.842	6.357	7541.093	104.874
1.004	14.714			
3/18/2016 12:05:00 AM	216300.000	13.012	17.661	29.658
9602.665	11168.271	6.405	7594.425	104.138
1.004	14.713			
3/18/2016 12:10:00 AM	216600.000	13.008	17.660	29.650
9636.581	11207.742	6.429	7621.265	103.771
1.004	14.713			
3/18/2016 12:15:00 AM	216900.000	13.009	17.660	29.651
9663.648	11239.241	6.449	7642.685	103.481
1.004	14.712			
3/18/2016 12:20:00 AM	217200.000	13.010	17.661	29.654
9676.836	11254.535	6.458	7653.084	103.340
1.004	14.711			
3/18/2016 12:25:00 AM	217500.000	13.010	17.660	29.655
9688.787	11268.502	6.467	7662.582	103.212
1.004	14.709			
3/18/2016 12:30:00 AM	217800.000	13.011	17.660	29.656
9697.888	11279.063	6.473	7669.764	103.115
1.004	14.708			
3/18/2016 12:35:00 AM	218100.000	13.012	17.660	29.658
9702.381	11284.289	6.477	7673.317	103.067
1.004	14.708			
3/18/2016 12:40:00 AM	218400.000	13.014	17.661	29.662
9711.001	11294.229	6.483	7680.076	102.976
1.004	14.707			
3/18/2016 12:45:00 AM	218700.000	13.015	17.660	29.666
9716.887	11301.204	6.487	7684.819	102.914
1.004	14.707			
3/18/2016 12:50:00 AM	219000.000	13.015	17.660	29.666
9719.969	11304.810	6.489	7687.271	102.881
1.004	14.706			
3/18/2016 12:55:00 AM	219300.000	13.015	17.661	29.666
9724.392	11309.803	6.492	7690.666	102.834
1.004	14.705			



3/18/2016 1:00:00 AM	219600.000	13.022	17.661	29.680
9730.835	11317.339	6.497	7695.791	102.766
1.004	14.705			
3/18/2016 1:05:00 AM	219900.000	13.015	17.661	29.665
9736.234	11323.597	6.501	7700.046	102.709
1.004	14.706			
3/18/2016 1:10:00 AM	220200.000	13.018	17.661	29.673
9741.084	11329.170	6.504	7703.836	102.658
1.004	14.708			
3/18/2016 1:15:00 AM	220500.000	13.011	17.661	29.656
9747.963	11337.148	6.509	7709.261	102.586
1.004	14.709			
3/18/2016 1:20:00 AM	220800.000	13.013	17.660	29.660
9755.698	11346.365	6.515	7715.528	102.504
1.004	14.709			
3/18/2016 1:25:00 AM	221100.000	13.012	17.660	29.659
9761.149	11352.771	6.519	7719.884	102.447
1.004	14.708			
3/18/2016 1:30:00 AM	221400.000	13.013	17.661	29.660
9767.212	11359.646	6.523	7724.560	102.383
1.004	14.708			
3/18/2016 1:35:00 AM	221700.000	13.014	17.661	29.663
9775.926	11369.738	6.529	7731.422	102.292
1.004	14.707			
3/18/2016 1:40:00 AM	222000.000	13.014	17.661	29.663
9781.159	11375.867	6.533	7735.590	102.237
1.004	14.706			
3/18/2016 1:45:00 AM	222300.000	13.015	17.661	29.666
9790.947	11387.230	6.540	7743.317	102.135
1.004	14.705			
3/18/2016 1:50:00 AM	222600.000	13.014	17.661	29.662
9798.105	11395.534	6.545	7748.964	102.061
1.004	14.706			
3/18/2016 1:55:00 AM	222900.000	13.014	17.661	29.662
9803.932	11402.331	6.550	7753.585	102.000
1.004	14.708			
3/18/2016 2:00:00 AM	223200.000	13.012	17.660	29.658
9810.150	11409.652	6.554	7758.564	101.935
1.004	14.709			
3/18/2016 2:05:00 AM	223500.000	13.016	17.661	29.666
9814.475	11414.525	6.557	7761.878	101.890
1.004	14.710			
3/18/2016 2:10:00 AM	223800.000	13.012	17.660	29.659
9822.392	11423.911	6.563	7768.260	101.808
1.004	14.710			
3/18/2016 2:15:00 AM	224100.000	13.012	17.660	29.657
9828.294	11430.731	6.567	7772.898	101.747
1.004	14.710			
3/18/2016 2:20:00 AM	224400.000	13.013	17.661	29.660
9833.426	11436.499	6.571	7776.820	101.694
1.004	14.708			
3/18/2016 2:25:00 AM	224700.000	13.015	17.661	29.666
9838.519	11442.579	6.574	7780.955	101.641
1.004	14.706			
3/18/2016 2:30:00 AM	225000.000	13.017	17.661	29.670
9843.694	11448.556	6.578	7785.019	101.588
1.004	14.703			
3/18/2016 2:35:00 AM	225300.000	13.015	17.661	29.665

9848.246	11453.803	6.581	7788.586	101.541
1.004	14.704			
3/18/2016 2:40:00 AM	225600.000	13.015	17.661	29.666
9852.798	11459.009	6.585	7792.126	101.494
1.004	14.705			
3/18/2016 2:45:00 AM	225900.000	13.014	17.661	29.663
9855.969	11462.763	6.587	7794.679	101.461
1.004	14.706			
3/18/2016 2:50:00 AM	226200.000	13.015	17.661	29.666
9859.971	11467.438	6.590	7797.859	101.420
1.004	14.706			
3/18/2016 2:55:00 AM	226500.000	13.020	17.661	29.675
9863.035	11471.071	6.592	7800.329	101.389
1.004	14.706			
3/18/2016 3:00:00 AM	226800.000	13.015	17.661	29.666
9866.007	11474.438	6.594	7802.618	101.358
1.004	14.705			
3/18/2016 3:05:00 AM	227100.000	13.015	17.661	29.666
9873.738	11483.520	6.600	7808.794	101.279
1.004	14.705			
3/18/2016 3:10:00 AM	227400.000	13.016	17.660	29.666
9872.599	11482.260	6.599	7807.937	101.290
1.004	14.704			
3/18/2016 3:15:00 AM	227700.000	13.016	17.660	29.667
9875.986	11486.181	6.601	7810.604	101.256
1.004	14.704			
3/18/2016 3:20:00 AM	228000.000	13.013	17.661	29.660
9877.700	11488.127	6.603	7811.927	101.238
1.004	14.704			
3/18/2016 3:25:00 AM	228300.000	13.014	17.661	29.662
9880.320	11490.974	6.604	7813.863	101.211
1.004	14.705			
3/18/2016 3:30:00 AM	228600.000	13.017	17.660	29.669
9882.309	11493.534	6.606	7815.604	101.191
1.004	14.705			
3/18/2016 3:35:00 AM	228900.000	13.011	17.660	29.657
9887.364	11499.433	6.610	7819.614	101.139
1.004	14.704			
3/18/2016 3:40:00 AM	229200.000	13.012	17.661	29.658
9890.917	11503.362	6.612	7822.287	101.103
1.004	14.704			
3/18/2016 3:45:00 AM	229500.000	13.015	17.660	29.664
9893.375	11506.468	6.614	7824.398	101.078
1.004	14.703			
3/18/2016 3:50:00 AM	229800.000	13.015	17.661	29.665
9899.565	11513.488	6.618	7829.172	101.015
1.004	14.701			
3/18/2016 3:55:00 AM	230100.000	13.016	17.661	29.669
9901.807	11516.053	6.620	7830.917	100.992
1.004	14.699			
3/18/2016 4:00:00 AM	230400.000	13.017	17.661	29.669
9903.505	11518.139	6.621	7832.335	100.974
1.004	14.697			
3/18/2016 4:05:00 AM	230700.000	13.016	17.660	29.668
9905.346	11520.346	6.623	7833.835	100.956
1.004	14.699			
3/18/2016 4:10:00 AM	231000.000	13.016	17.661	29.667
9908.410	11523.798	6.625	7836.183	100.924

1.004	14.700			
3/18/2016 4:15:00 AM	231300.000	13.015	17.661	29.665
9915.416	11531.923	6.630	7841.708	100.853
1.004	14.702			
3/18/2016 4:20:00 AM	231600.000	13.017	17.660	29.670
9913.887	11530.303	6.629	7840.606	100.869
1.004	14.700			
3/18/2016 4:25:00 AM	231900.000	13.018	17.660	29.672
9919.094	11536.316	6.632	7844.696	100.816
1.004	14.698			
3/18/2016 4:30:00 AM	232200.000	13.021	17.661	29.679
9922.272	11539.854	6.635	7847.101	100.783
1.004	14.696			
3/18/2016 4:35:00 AM	232500.000	13.020	17.661	29.677
9924.662	11542.767	6.636	7849.082	100.759
1.004	14.699			
3/18/2016 4:40:00 AM	232800.000	13.017	17.660	29.671
9927.232	11545.824	6.638	7851.161	100.733
1.004	14.701			
3/18/2016 4:45:00 AM	233100.000	13.014	17.661	29.664
9932.842	11552.237	6.642	7855.521	100.676
1.004	14.704			
3/18/2016 4:50:00 AM	233400.000	13.014	17.660	29.663
9932.075	11551.414	6.642	7854.962	100.684
1.004	14.701			
3/18/2016 4:55:00 AM	233700.000	13.016	17.660	29.668
9931.820	11551.118	6.642	7854.761	100.686
1.004	14.698			
3/18/2016 5:00:00 AM	234000.000	13.021	17.660	29.679
9925.553	11543.893	6.637	7849.847	100.750
1.004	14.694			
3/18/2016 5:05:00 AM	234300.000	13.017	17.660	29.669
9915.570	11532.304	6.630	7841.967	100.851
1.004	14.701			
3/18/2016 5:10:00 AM	234600.000	13.013	17.661	29.661
9907.112	11522.289	6.624	7835.157	100.938
1.004	14.707			
3/18/2016 5:15:00 AM	234900.000	13.009	17.661	29.652
9898.614	11512.451	6.618	7828.467	101.024
1.004	14.713			
3/18/2016 5:20:00 AM	235200.000	13.013	17.661	29.662
9891.199	11503.758	6.612	7822.556	101.100
1.004	14.708			
3/18/2016 5:25:00 AM	235500.000	13.018	17.660	29.673
9879.362	11490.284	6.604	7813.394	101.221
1.004	14.704			
3/18/2016 5:30:00 AM	235800.000	13.022	17.660	29.680
9870.719	11480.184	6.598	7806.525	101.310
1.004	14.700			
3/18/2016 5:35:00 AM	236100.000	13.027	17.661	29.692
9861.298	11469.051	6.591	7798.955	101.407
1.004	14.702			
3/18/2016 5:40:00 AM	236400.000	13.021	17.660	29.678
9851.869	11458.217	6.584	7791.588	101.504
1.004	14.704			
3/18/2016 5:45:00 AM	236700.000	13.020	17.660	29.677
9843.479	11448.393	6.578	7784.908	101.590
1.004	14.706			

3/18/2016 5:50:00 AM	237000.000	13.020	17.661	29.676
9836.685	11440.335	6.573	7779.428	101.660
1.004	14.707			
3/18/2016 5:55:00 AM	237300.000	13.020	17.661	29.677
9827.587	11429.798	6.567	7772.263	101.754
1.004	14.708			
3/18/2016 6:00:00 AM	237600.000	13.026	17.660	29.690
9823.938	11425.665	6.564	7769.453	101.792
1.004	14.709			
3/18/2016 6:05:00 AM	237900.000	13.022	17.660	29.682
9817.595	11418.376	6.559	7764.496	101.858
1.004	14.710			
3/18/2016 6:10:00 AM	238200.000	13.023	17.660	29.683
9812.562	11412.479	6.556	7760.486	101.910
1.004	14.711			
3/18/2016 6:15:00 AM	238500.000	13.020	17.661	29.677
9806.643	11405.484	6.551	7755.729	101.972
1.004	14.712			
3/18/2016 6:20:00 AM	238800.000	13.021	17.660	29.679
9805.828	11404.691	6.551	7755.191	101.980
1.004	14.713			
3/18/2016 6:25:00 AM	239100.000	13.020	17.660	29.678
9801.587	11399.826	6.548	7751.882	102.024
1.004	14.713			
3/18/2016 6:30:00 AM	239400.000	13.018	17.660	29.671
9796.128	11393.452	6.544	7747.548	102.081
1.004	14.714			
3/18/2016 6:35:00 AM	239700.000	13.019	17.660	29.674
9794.645	11391.661	6.543	7746.330	102.097
1.004	14.714			
3/18/2016 6:40:00 AM	240000.000	13.022	17.660	29.680
9792.082	11388.704	6.541	7744.319	102.123
1.004	14.714			
3/18/2016 6:45:00 AM	240300.000	13.022	17.661	29.682
9788.983	11384.968	6.539	7741.779	102.156
1.004	14.714			
3/18/2016 6:50:00 AM	240600.000	13.024	17.660	29.686
9784.185	11379.562	6.535	7738.103	102.206
1.004	14.715			
3/18/2016 6:55:00 AM	240900.000	13.021	17.660	29.678
9779.241	11373.770	6.532	7734.164	102.257
1.004	14.715			
3/18/2016 7:00:00 AM	241200.000	13.020	17.660	29.676
9776.856	11371.127	6.530	7732.367	102.282
1.004	14.715			
3/18/2016 7:05:00 AM	241500.000	13.021	17.661	29.678
9772.186	11365.320	6.527	7728.418	102.331
1.004	14.716			
3/18/2016 7:10:00 AM	241800.000	13.018	17.660	29.671
9771.162	11364.373	6.526	7727.774	102.342
1.004	14.717			
3/18/2016 7:15:00 AM	242100.000	13.022	17.660	29.680
9766.607	11359.031	6.523	7724.142	102.390
1.004	14.717			
3/18/2016 7:20:00 AM	242400.000	13.017	17.660	29.671
9760.826	11352.264	6.519	7719.540	102.450
1.004	14.720			
3/18/2016 7:25:00 AM	242700.000	13.020	17.660	29.676

9757.591	11348.610	6.516	7717.055	102.484
1.004	14.723			
3/18/2016 7:30:00 AM	243000.000	13.015	17.660	29.666
9749.635	11339.356	6.511	7710.763	102.568
1.004	14.725			
3/18/2016 7:35:00 AM	243300.000	13.013	17.660	29.661
9746.553	11335.751	6.508	7708.311	102.600
1.004	14.723			
3/18/2016 7:40:00 AM	243600.000	13.019	17.660	29.675
9742.205	11330.672	6.505	7704.857	102.646
1.004	14.721			
3/18/2016 7:45:00 AM	243900.000	13.023	17.660	29.683
9737.265	11325.035	6.502	7701.024	102.698
1.004	14.719			
3/18/2016 7:50:00 AM	244200.000	13.025	17.660	29.689
9734.978	11322.224	6.500	7699.113	102.722
1.004	14.719			
3/18/2016 7:55:00 AM	244500.000	13.023	17.660	29.683
9728.459	11314.642	6.495	7693.957	102.791
1.004	14.720			
3/18/2016 8:00:00 AM	244800.000	13.024	17.661	29.685
9724.050	11309.426	6.492	7690.410	102.838
1.004	14.720			
3/18/2016 8:05:00 AM	245100.000	13.025	17.660	29.689
9717.326	11301.759	6.487	7685.197	102.909
1.004	14.720			
3/18/2016 8:10:00 AM	245400.000	13.025	17.660	29.688
9711.115	11294.535	6.483	7680.285	102.975
1.004	14.720			
3/18/2016 8:15:00 AM	245700.000	13.027	17.660	29.691
9706.546	11289.198	6.480	7676.655	103.023
1.004	14.720			
3/18/2016 8:20:00 AM	246000.000	13.027	17.660	29.692
9704.684	11287.076	6.478	7675.212	103.043
1.004	14.721			
3/18/2016 8:25:00 AM	246300.000	13.026	17.660	29.690
9698.367	11279.795	6.474	7670.261	103.110
1.004	14.721			
3/18/2016 8:30:00 AM	246600.000	13.025	17.660	29.688
9691.855	11272.202	6.469	7665.098	103.179
1.004	14.721			
3/18/2016 8:35:00 AM	246900.000	13.024	17.660	29.685
9687.710	11267.355	6.466	7661.802	103.224
1.004	14.725			
3/18/2016 8:40:00 AM	247200.000	13.020	17.660	29.676
9680.729	11259.262	6.461	7656.298	103.298
1.004	14.729			
3/18/2016 8:45:00 AM	247500.000	13.017	17.660	29.669
9676.180	11253.816	6.458	7652.596	103.347
1.004	14.733			
3/18/2016 8:50:00 AM	247800.000	13.019	17.660	29.673
9671.042	11247.822	6.454	7648.520	103.401
1.004	14.732			
3/18/2016 8:55:00 AM	248100.000	13.021	17.660	29.678
9664.616	11240.411	6.449	7643.480	103.470
1.004	14.731			
3/18/2016 9:00:00 AM	248400.000	13.021	17.661	29.679
9657.792	11232.277	6.444	7637.949	103.543

1.004	14.730			
3/18/2016 9:05:00 AM	248700.000	13.021	17.660	29.680
9652.457	11226.207	6.441	7633.821	103.601
1.004	14.732			
3/18/2016 9:10:00 AM	249000.000	13.019	17.660	29.674
9646.004	11218.785	6.436	7628.774	103.670
1.004	14.733			
3/18/2016 9:15:00 AM	249300.000	13.019	17.659	29.675
9641.303	11213.513	6.433	7625.189	103.720
1.004	14.734			
3/18/2016 9:20:00 AM	249600.000	13.022	17.660	29.681
9635.147	11206.181	6.428	7620.204	103.787
1.004	14.734			
3/18/2016 9:25:00 AM	249900.000	13.022	17.660	29.681
9633.206	11203.900	6.427	7618.653	103.808
1.004	14.733			
3/18/2016 9:30:00 AM	250200.000	13.025	17.660	29.688
9623.151	11192.314	6.420	7610.774	103.916
1.004	14.732			
3/18/2016 9:35:00 AM	250500.000	13.025	17.659	29.688
9618.184	11186.624	6.416	7606.904	103.970
1.004	14.732			
3/18/2016 9:40:00 AM	250800.000	13.030	17.660	29.699
9612.288	11179.594	6.412	7602.124	104.034
1.004	14.733			
3/18/2016 9:45:00 AM	251100.000	13.027	17.660	29.692
9606.679	11173.112	6.408	7597.717	104.094
1.004	14.733			
3/18/2016 9:50:00 AM	251400.000	13.029	17.660	29.697
9600.293	11165.579	6.403	7592.594	104.163
1.004	14.734			
3/18/2016 9:55:00 AM	251700.000	13.025	17.660	29.687
9595.650	11160.285	6.400	7588.995	104.214
1.004	14.734			
3/18/2016 10:00:00 AM	252000.000	13.030	17.661	29.699
9589.331	11152.723	6.395	7583.852	104.283
1.004	14.735			
3/18/2016 10:05:00 AM	252300.000	13.023	17.660	29.683
9581.542	11143.943	6.390	7577.882	104.367
1.004	14.738			
3/18/2016 10:10:00 AM	252600.000	13.022	17.660	29.680
9576.199	11137.621	6.386	7573.583	104.426
1.004	14.741			
3/18/2016 10:15:00 AM	252900.000	13.017	17.661	29.670
9569.290	11129.455	6.381	7568.030	104.501
1.004	14.744			
3/18/2016 10:20:00 AM	253200.000	13.020	17.660	29.676
9567.110	11127.050	6.379	7566.395	104.525
1.004	14.742			
3/18/2016 10:25:00 AM	253500.000	13.022	17.660	29.680
9557.547	11115.884	6.373	7558.802	104.629
1.004	14.741			
3/18/2016 10:30:00 AM	253800.000	13.029	17.660	29.697
9552.750	11110.349	6.369	7555.038	104.682
1.004	14.739			
3/18/2016 10:35:00 AM	254100.000	13.021	17.660	29.680
9545.983	11102.414	6.364	7549.642	104.756
1.004	14.741			

3/18/2016 10:40:00 AM	254400.000	13.021	17.660	29.679
9541.027	11096.691	6.361	7545.750	104.811
1.004	14.743			
3/18/2016 10:45:00 AM	254700.000	13.021	17.660	29.678
9538.710	11093.914	6.359	7543.862	104.836
1.004	14.746			
3/18/2016 10:50:00 AM	255000.000	13.020	17.660	29.677
9534.558	11089.256	6.356	7540.694	104.882
1.004	14.744			
3/18/2016 10:55:00 AM	255300.000	13.024	17.660	29.687
9527.631	11081.218	6.351	7535.228	104.958
1.004	14.742			
3/18/2016 11:00:00 AM	255600.000	13.025	17.661	29.688
9521.921	11074.363	6.347	7530.567	105.021
1.004	14.740			
3/18/2016 11:05:00 AM	255900.000	13.026	17.660	29.691
9520.974	11073.348	6.346	7529.877	105.031
1.004	14.740			
3/18/2016 11:10:00 AM	256200.000	13.029	17.661	29.697
9520.128	11072.191	6.346	7529.091	105.041
1.004	14.739			
3/18/2016 11:15:00 AM	256500.000	13.030	17.660	29.699
9520.959	11073.481	6.346	7529.968	105.031
1.004	14.739			
3/18/2016 11:20:00 AM	256800.000	13.026	17.661	29.690
9513.946	11065.089	6.341	7524.261	105.109
1.004	14.741			
3/18/2016 11:25:00 AM	257100.000	13.024	17.660	29.685
9518.579	11070.583	6.345	7527.997	105.058
1.004	14.743			
3/18/2016 11:30:00 AM	257400.000	13.023	17.660	29.683
9517.932	11069.980	6.344	7527.587	105.065
1.004	14.745			
3/18/2016 11:35:00 AM	257700.000	13.027	17.660	29.692
9514.495	11065.813	6.342	7524.752	105.103
1.004	14.746			
3/18/2016 11:40:00 AM	258000.000	13.022	17.659	29.680
9514.766	11066.319	6.342	7525.097	105.100
1.004	14.747			
3/18/2016 11:45:00 AM	258300.000	13.021	17.660	29.679
9514.744	11066.060	6.342	7524.921	105.100
1.004	14.748			
3/18/2016 11:50:00 AM	258600.000	13.021	17.660	29.680
9517.548	11069.406	6.344	7527.197	105.069
1.004	14.749			
3/18/2016 11:55:00 AM	258900.000	13.021	17.660	29.678
9514.497	11065.966	6.342	7524.857	105.103
1.004	14.750			
3/18/2016 12:00:00 PM	259200.000	13.019	17.660	29.674
9513.188	11064.313	6.341	7523.732	105.117
1.004	14.751			
3/18/2016 12:05:00 PM	259500.000	13.019	17.660	29.675
9514.929	11066.381	6.342	7525.139	105.098
1.004	14.750			
3/18/2016 12:10:00 PM	259800.000	13.021	17.660	29.679
9518.201	11070.144	6.344	7527.698	105.062
1.004	14.749			
3/18/2016 12:15:00 PM	260100.000	13.020	17.660	29.677

9515.707	11067.161	6.343	7525.669	105.089
1.004	14.749			
3/18/2016 12:20:00 PM	260400.000	13.020	17.660	29.678
9515.315	11066.852	6.342	7525.459	105.094
1.004	14.748			
3/18/2016 12:25:00 PM	260700.000	13.020	17.660	29.676
9518.190	11070.067	6.344	7527.646	105.062
1.004	14.748			
3/18/2016 12:30:00 PM	261000.000	13.021	17.660	29.679
9521.799	11074.265	6.347	7530.500	105.022
1.004	14.748			
3/18/2016 12:35:00 PM	261300.000	13.020	17.660	29.676
9517.108	11068.937	6.344	7526.877	105.074
1.004	14.749			
3/18/2016 12:40:00 PM	261600.000	13.019	17.660	29.675
9518.274	11070.336	6.344	7527.829	105.061
1.004	14.751			
3/18/2016 12:45:00 PM	261900.000	13.016	17.660	29.669
9516.581	11068.303	6.343	7526.446	105.080
1.004	14.753			
3/18/2016 12:50:00 PM	262200.000	13.017	17.660	29.669
9517.671	11069.550	6.344	7527.294	105.068
1.004	14.751			
3/18/2016 12:55:00 PM	262500.000	13.020	17.661	29.676
9518.849	11070.790	6.345	7528.138	105.055
1.004	14.750			
3/18/2016 1:00:00 PM	262800.000	13.021	17.660	29.678
9522.229	11074.852	6.347	7530.899	105.017
1.004	14.749			
3/18/2016 1:05:00 PM	263100.000	13.022	17.660	29.681
9517.608	11069.413	6.344	7527.202	105.068
1.004	14.746			
3/18/2016 1:10:00 PM	263400.000	13.025	17.660	29.687
9519.393	11071.488	6.345	7528.613	105.049
1.004	14.744			
3/18/2016 1:15:00 PM	263700.000	13.025	17.660	29.687
9519.801	11072.068	6.346	7529.006	105.044
1.004	14.742			
3/18/2016 1:20:00 PM	264000.000	13.024	17.660	29.686
9519.857	11072.050	6.346	7528.995	105.044
1.004	14.744			
3/18/2016 1:25:00 PM	264300.000	13.027	17.661	29.693
9522.236	11074.710	6.347	7530.803	105.017
1.004	14.745			
3/18/2016 1:30:00 PM	264600.000	13.019	17.660	29.675
9522.123	11074.664	6.347	7530.772	105.019
1.004	14.746			
3/18/2016 1:35:00 PM	264900.000	13.020	17.660	29.675
9520.607	11073.093	6.346	7529.704	105.035
1.004	14.746			
3/18/2016 1:40:00 PM	265200.000	13.018	17.660	29.671
9520.206	11072.626	6.346	7529.386	105.040
1.004	14.746			
3/18/2016 1:45:00 PM	265500.000	13.018	17.660	29.671
9520.541	11072.783	6.346	7529.493	105.036
1.004	14.745			
3/18/2016 1:50:00 PM	265800.000	13.022	17.660	29.681
9521.208	11073.684	6.347	7530.105	105.029



1.004	14.741			
3/18/2016 1:55:00 PM	266100.000	13.023	17.660	29.684
9522.097	11074.696	6.347	7530.793	105.019
1.004	14.738			
3/18/2016 2:00:00 PM	266400.000	13.027	17.660	29.692
9519.565	11071.773	6.345	7528.807	105.047
1.004	14.734			
3/18/2016 2:05:00 PM	266700.000	13.023	17.660	29.684
9525.292	11078.327	6.349	7533.263	104.984
1.004	14.735			
3/18/2016 2:10:00 PM	267000.000	13.024	17.660	29.685
9524.147	11077.123	6.349	7532.444	104.996
1.004	14.737			
3/18/2016 2:15:00 PM	267300.000	13.018	17.660	29.673
9525.293	11078.521	6.350	7533.395	104.984
1.004	14.739			
3/18/2016 2:20:00 PM	267600.000	13.020	17.660	29.676
9524.313	11077.295	6.349	7532.561	104.994
1.004	14.738			
3/18/2016 2:25:00 PM	267900.000	13.019	17.660	29.675
9525.979	11079.296	6.350	7533.922	104.976
1.004	14.737			
3/18/2016 2:30:00 PM	268200.000	13.023	17.660	29.683
9527.585	11081.037	6.351	7535.105	104.958
1.004	14.737			
3/18/2016 2:35:00 PM	268500.000	13.019	17.660	29.675
9525.899	11079.141	6.350	7533.816	104.977
1.004	14.736			
3/18/2016 2:40:00 PM	268800.000	13.018	17.660	29.671
9524.911	11078.012	6.349	7533.048	104.988
1.004	14.735			
3/18/2016 2:45:00 PM	269100.000	13.018	17.660	29.671
9525.651	11078.852	6.350	7533.620	104.980
1.004	14.735			
3/18/2016 2:50:00 PM	269400.000	13.018	17.660	29.672
9523.132	11075.967	6.348	7531.658	105.007
1.004	14.733			
3/18/2016 2:55:00 PM	269700.000	13.019	17.660	29.674
9529.096	11082.922	6.352	7536.387	104.942
1.004	14.732			
3/18/2016 3:00:00 PM	270000.000	13.019	17.660	29.675
9525.400	11078.476	6.349	7533.364	104.982
1.004	14.731			
3/18/2016 3:05:00 PM	270300.000	13.020	17.660	29.677
9528.818	11082.535	6.352	7536.124	104.945
1.004	14.729			
3/18/2016 3:10:00 PM	270600.000	13.023	17.660	29.684
9529.282	11083.120	6.352	7536.522	104.940
1.004	14.727			
3/18/2016 3:15:00 PM	270900.000	13.024	17.660	29.685
9526.751	11080.151	6.351	7534.503	104.968
1.004	14.726			
3/18/2016 3:20:00 PM	271200.000	13.025	17.660	29.688
9525.957	11079.101	6.350	7533.789	104.976
1.004	14.726			
3/18/2016 3:25:00 PM	271500.000	13.025	17.660	29.689
9529.747	11083.490	6.353	7536.773	104.935
1.004	14.726			

3/18/2016 3:30:00 PM	271800.000	13.026	17.660	29.690
9529.891	11083.869	6.353	7537.032	104.933
1.004	14.726			
3/18/2016 3:35:00 PM	272100.000	13.024	17.660	29.685
9531.405	11085.438	6.354	7538.098	104.916
1.004	14.725			
3/18/2016 3:40:00 PM	272400.000	13.025	17.660	29.688
9528.356	11081.978	6.352	7535.745	104.950
1.004	14.725			
3/18/2016 3:45:00 PM	272700.000	13.024	17.660	29.686
9527.800	11081.371	6.351	7535.333	104.956
1.004	14.725			
3/18/2016 3:50:00 PM	273000.000	13.025	17.660	29.687
9534.488	11089.022	6.356	7540.536	104.882
1.004	14.724			
3/18/2016 3:55:00 PM	273300.000	13.025	17.660	29.688
9530.752	11084.741	6.353	7537.625	104.924
1.004	14.723			
3/18/2016 4:00:00 PM	273600.000	13.027	17.660	29.693
9531.120	11085.212	6.354	7537.945	104.919
1.004	14.722			
3/18/2016 4:05:00 PM	273900.000	13.024	17.660	29.685
9528.498	11082.227	6.352	7535.915	104.948
1.004	14.723			
3/18/2016 4:10:00 PM	274200.000	13.022	17.660	29.682
9530.275	11084.294	6.353	7537.320	104.929
1.004	14.725			
3/18/2016 4:15:00 PM	274500.000	13.020	17.660	29.677
9527.743	11081.306	6.351	7535.289	104.957
1.004	14.726			
3/18/2016 4:20:00 PM	274800.000	13.021	17.659	29.679
9528.771	11082.695	6.352	7536.233	104.945
1.004	14.728			
3/18/2016 4:25:00 PM	275100.000	13.020	17.660	29.676
9530.192	11084.090	6.353	7537.181	104.930
1.004	14.729			
3/18/2016 4:30:00 PM	275400.000	13.017	17.660	29.671
9529.265	11083.033	6.352	7536.463	104.940
1.004	14.731			
3/18/2016 4:35:00 PM	275700.000	13.025	17.660	29.688
9531.339	11085.342	6.354	7538.033	104.917
1.004	14.727			
3/18/2016 4:40:00 PM	276000.000	13.023	17.661	29.684
9529.063	11082.628	6.352	7536.187	104.942
1.004	14.724			
3/18/2016 4:45:00 PM	276300.000	13.026	17.661	29.691
9532.625	11086.813	6.355	7539.033	104.903
1.004	14.720			
3/18/2016 4:50:00 PM	276600.000	13.025	17.660	29.689
9530.896	11084.827	6.353	7537.683	104.922
1.004	14.723			
3/18/2016 4:55:00 PM	276900.000	13.027	17.660	29.693
9533.874	11088.309	6.356	7540.050	104.889
1.004	14.725			
3/18/2016 5:00:00 PM	277200.000	13.026	17.660	29.690
9531.212	11085.319	6.354	7538.017	104.918
1.004	14.728			
3/18/2016 5:05:00 PM	277500.000	13.023	17.660	29.683

9531.352	11085.526	6.354	7538.158	104.917
1.004	14.726			
3/18/2016 5:10:00 PM	277800.000	13.029	17.660	29.697
9534.236	11088.752	6.356	7540.352	104.885
1.004	14.724			
3/18/2016 5:15:00 PM	278100.000	13.026	17.660	29.691
9532.724	11087.164	6.355	7539.272	104.902
1.004	14.722			
3/18/2016 5:20:00 PM	278400.000	13.023	17.660	29.683
9533.015	11087.523	6.355	7539.517	104.899
1.004	14.725			
3/18/2016 5:25:00 PM	278700.000	13.020	17.660	29.677
9534.308	11088.920	6.356	7540.466	104.884
1.004	14.729			
3/18/2016 5:30:00 PM	279000.000	13.017	17.660	29.669
9535.327	11090.021	6.357	7541.214	104.873
1.004	14.732			
3/18/2016 5:35:00 PM	279300.000	13.021	17.660	29.678
9533.056	11087.484	6.355	7539.490	104.898
1.004	14.729			
3/18/2016 5:40:00 PM	279600.000	13.022	17.659	29.681
9533.407	11088.001	6.355	7539.841	104.894
1.004	14.726			
3/18/2016 5:45:00 PM	279900.000	13.026	17.661	29.691
9531.346	11085.325	6.354	7538.021	104.917
1.004	14.723			
3/18/2016 5:50:00 PM	280200.000	13.027	17.659	29.692
9534.801	11089.621	6.356	7540.943	104.879
1.004	14.723			
3/18/2016 5:55:00 PM	280500.000	13.026	17.659	29.691
9533.670	11088.328	6.356	7540.063	104.891
1.004	14.724			
3/18/2016 6:00:00 PM	280800.000	13.025	17.661	29.687
9534.281	11088.718	6.356	7540.329	104.885
1.004	14.725			
3/18/2016 6:05:00 PM	281100.000	13.030	17.660	29.699
9533.347	11087.718	6.355	7539.648	104.895
1.004	14.727			
3/18/2016 6:10:00 PM	281400.000	13.025	17.661	29.688
9535.040	11089.601	6.356	7540.929	104.876
1.004	14.728			
3/18/2016 6:15:00 PM	281700.000	13.023	17.660	29.684
9532.252	11086.615	6.355	7538.899	104.907
1.004	14.729			
3/18/2016 6:20:00 PM	282000.000	13.022	17.660	29.681
9534.645	11089.291	6.356	7540.718	104.881
1.004	14.731			
3/18/2016 6:25:00 PM	282300.000	13.021	17.661	29.679
9534.365	11088.815	6.356	7540.395	104.884
1.004	14.732			
3/18/2016 6:30:00 PM	282600.000	13.021	17.659	29.680
9535.949	11090.979	6.357	7541.867	104.866
1.004	14.733			
3/18/2016 6:35:00 PM	282900.000	13.023	17.660	29.683
9533.754	11088.296	6.356	7540.042	104.890
1.004	14.732			
3/18/2016 6:40:00 PM	283200.000	13.022	17.660	29.681
9533.164	11087.505	6.355	7539.503	104.897

1.004	14.732			
3/18/2016 6:45:00 PM	283500.000	13.021	17.660	29.678
9535.471	11090.251	6.357	7541.371	104.872
1.004	14.732			
3/18/2016 6:50:00 PM	283800.000	13.023	17.660	29.683
9535.229	11089.927	6.357	7541.150	104.874
1.004	14.731			
3/18/2016 6:55:00 PM	284100.000	13.023	17.660	29.684
9535.227	11089.903	6.357	7541.135	104.874
1.004	14.730			
3/18/2016 7:00:00 PM	284400.000	13.025	17.660	29.689
9535.061	11089.882	6.357	7541.120	104.876
1.004	14.729			
3/18/2016 7:05:00 PM	284700.000	13.024	17.660	29.685
9534.506	11089.150	6.356	7540.623	104.882
1.004	14.730			
3/18/2016 7:10:00 PM	285000.000	13.028	17.661	29.694
9535.818	11090.526	6.357	7541.558	104.868
1.004	14.730			
3/18/2016 7:15:00 PM	285300.000	13.029	17.660	29.697
9536.720	11091.704	6.358	7542.359	104.858
1.004	14.730			
3/18/2016 7:20:00 PM	285600.000	13.024	17.660	29.686
9534.082	11088.637	6.356	7540.273	104.887
1.004	14.732			
3/18/2016 7:25:00 PM	285900.000	13.023	17.660	29.683
9536.354	11091.256	6.357	7542.055	104.862
1.004	14.733			
3/18/2016 7:30:00 PM	286200.000	13.023	17.660	29.682
9535.610	11090.414	6.357	7541.482	104.870
1.004	14.735			
3/18/2016 7:35:00 PM	286500.000	13.021	17.659	29.680
9535.401	11090.320	6.357	7541.418	104.872
1.004	14.736			
3/18/2016 7:40:00 PM	286800.000	13.021	17.660	29.679
9534.729	11089.324	6.356	7540.741	104.880
1.004	14.737			
3/18/2016 7:45:00 PM	287100.000	13.020	17.660	29.676
9535.714	11090.555	6.357	7541.577	104.869
1.004	14.738			
3/18/2016 7:50:00 PM	287400.000	13.021	17.660	29.679
9535.993	11090.773	6.357	7541.727	104.866
1.004	14.736			
3/18/2016 7:55:00 PM	287700.000	13.022	17.660	29.681
9532.450	11086.695	6.355	7538.953	104.905
1.004	14.735			
3/18/2016 8:00:00 PM	288000.000	13.024	17.660	29.686
9537.671	11092.811	6.358	7543.112	104.847
1.004	14.733			
3/18/2016 8:05:00 PM	288300.000	13.022	17.660	29.681
9535.599	11090.357	6.357	7541.444	104.870
1.004	14.736			
3/18/2016 8:10:00 PM	288600.000	13.020	17.660	29.677
9537.210	11092.382	6.358	7542.820	104.852
1.004	14.738			
3/18/2016 8:15:00 PM	288900.000	13.024	17.660	29.685
9534.958	11089.612	6.356	7540.937	104.877
1.004	14.740			

3/18/2016 8:20:00 PM	289200.000	13.020	17.661	29.677
9531.711	11085.750	6.354	7538.311	104.913
1.004	14.739			
3/18/2016 8:25:00 PM	289500.000	13.021	17.660	29.678
9535.663	11090.433	6.357	7541.494	104.869
1.004	14.738			
3/18/2016 8:30:00 PM	289800.000	13.024	17.661	29.685
9534.858	11089.323	6.356	7540.740	104.878
1.004	14.736			
3/18/2016 8:35:00 PM	290100.000	13.023	17.660	29.685
9534.220	11088.732	6.356	7540.338	104.885
1.004	14.736			
3/18/2016 8:40:00 PM	290400.000	13.023	17.660	29.685
9534.825	11089.542	6.356	7540.889	104.879
1.004	14.735			
3/18/2016 8:45:00 PM	290700.000	13.025	17.661	29.688
9533.751	11088.081	6.355	7539.896	104.891
1.004	14.735			
3/18/2016 8:50:00 PM	291000.000	13.029	17.660	29.697
9535.398	11090.104	6.357	7541.271	104.872
1.004	14.738			
3/18/2016 8:55:00 PM	291300.000	13.023	17.660	29.683
9537.070	11092.068	6.358	7542.607	104.854
1.004	14.740			
3/18/2016 9:00:00 PM	291600.000	13.020	17.660	29.677
9535.814	11090.735	6.357	7541.700	104.868
1.004	14.743			
3/18/2016 9:05:00 PM	291900.000	13.021	17.660	29.679
9535.712	11090.428	6.357	7541.491	104.869
1.004	14.742			
3/18/2016 9:10:00 PM	292200.000	13.024	17.660	29.685
9536.661	11091.572	6.358	7542.269	104.859
1.004	14.741			
3/18/2016 9:15:00 PM	292500.000	13.024	17.660	29.686
9534.604	11089.311	6.356	7540.732	104.881
1.004	14.741			
3/18/2016 9:20:00 PM	292800.000	13.024	17.660	29.686
9537.200	11092.199	6.358	7542.695	104.853
1.004	14.741			
3/18/2016 9:25:00 PM	293100.000	13.023	17.661	29.683
9534.975	11089.524	6.356	7540.877	104.877
1.004	14.741			
3/18/2016 9:30:00 PM	293400.000	13.023	17.660	29.682
9535.764	11090.570	6.357	7541.588	104.868
1.004	14.741			
3/18/2016 9:35:00 PM	293700.000	13.023	17.660	29.683
9536.757	11091.725	6.358	7542.373	104.857
1.004	14.742			
3/18/2016 9:40:00 PM	294000.000	13.021	17.660	29.678
9534.857	11089.580	6.356	7540.915	104.878
1.004	14.743			
3/18/2016 9:45:00 PM	294300.000	13.020	17.660	29.677
9534.001	11088.584	6.356	7540.237	104.888
1.004	14.743			
3/18/2016 9:50:00 PM	294600.000	13.020	17.660	29.676
9535.300	11090.181	6.357	7541.323	104.873
1.004	14.744			
3/18/2016 9:55:00 PM	294900.000	13.020	17.660	29.678

9534.419	11089.069	6.356	7540.568	104.883
1.004	14.744			
3/18/2016 10:00:00 PM	295200.000	13.020	17.660	29.676
9535.097	11089.730	6.356	7541.017	104.876
1.004	14.745			
3/18/2016 10:05:00 PM	295500.000	13.021	17.660	29.679
9534.290	11088.814	6.356	7540.395	104.885
1.004	14.745			
3/18/2016 10:10:00 PM	295800.000	13.024	17.661	29.686
9534.281	11088.718	6.356	7540.329	104.885
1.004	14.746			
3/18/2016 10:15:00 PM	296100.000	13.018	17.661	29.673
9537.661	11092.649	6.358	7543.001	104.848
1.004	14.747			
3/18/2016 10:20:00 PM	296400.000	13.020	17.660	29.676
9533.770	11088.209	6.355	7539.983	104.890
1.004	14.747			
3/18/2016 10:25:00 PM	296700.000	13.018	17.660	29.672
9537.613	11092.639	6.358	7542.995	104.848
1.004	14.748			
3/18/2016 10:30:00 PM	297000.000	13.019	17.660	29.675
9536.929	11091.861	6.358	7542.466	104.856
1.004	14.749			
3/18/2016 10:35:00 PM	297300.000	13.020	17.660	29.677
9534.404	11088.906	6.356	7540.457	104.883
1.004	14.747			
3/18/2016 10:40:00 PM	297600.000	13.022	17.660	29.682
9536.901	11091.957	6.358	7542.531	104.856
1.004	14.745			
3/18/2016 10:45:00 PM	297900.000	13.023	17.660	29.683
9534.940	11089.592	6.356	7540.923	104.877
1.004	14.743			
3/18/2016 10:50:00 PM	298200.000	13.028	17.661	29.695
9531.386	11085.284	6.354	7537.994	104.917
1.004	14.744			
3/18/2016 10:55:00 PM	298500.000	13.023	17.660	29.683
9536.730	11091.652	6.358	7542.324	104.858
1.004	14.745			
3/18/2016 11:00:00 PM	298800.000	13.023	17.661	29.684
9536.235	11091.012	6.357	7541.889	104.863
1.004	14.746			
3/18/2016 11:05:00 PM	299100.000	13.024	17.660	29.686
9534.675	11089.239	6.356	7540.683	104.880
1.004	14.744			
3/18/2016 11:10:00 PM	299400.000	13.024	17.661	29.685
9533.880	11088.208	6.355	7539.982	104.889
1.004	14.743			
3/18/2016 11:15:00 PM	299700.000	13.027	17.660	29.693
9534.108	11088.581	6.356	7540.235	104.887
1.004	14.741			
3/18/2016 11:20:00 PM	300000.000	13.027	17.660	29.692
9536.737	11091.702	6.358	7542.358	104.858
1.004	14.741			
3/18/2016 11:25:00 PM	300300.000	13.026	17.661	29.691
9534.399	11088.855	6.356	7540.422	104.883
1.004	14.742			
3/18/2016 11:30:00 PM	300600.000	13.025	17.661	29.688
9542.009	11097.574	6.361	7546.351	104.800

1.004	14.742			
3/18/2016 11:35:00 PM	300900.000	13.026	17.662	29.691
9548.520	11105.062	6.366	7551.442	104.728
1.004	14.742			
3/18/2016 11:40:00 PM	301200.000	13.026	17.660	29.690
9563.671	11123.027	6.377	7563.659	104.562
1.004	14.742			
3/18/2016 11:45:00 PM	301500.000	13.025	17.661	29.689
9579.926	11141.805	6.389	7576.427	104.385
1.004	14.743			
3/18/2016 11:50:00 PM	301800.000	13.026	17.660	29.691
9593.032	11157.094	6.398	7586.824	104.242
1.004	14.742			
3/18/2016 11:55:00 PM	302100.000	13.027	17.661	29.692
9610.211	11177.006	6.410	7600.365	104.056
1.004	14.741			
3/19/2016 12:00:00 AM	302400.000	13.027	17.661	29.694
9625.230	11194.451	6.421	7612.228	103.894
1.004	14.741			
3/19/2016 12:05:00 AM	302700.000	13.027	17.661	29.692
9635.628	11206.567	6.429	7620.466	103.782
1.004	14.742			
3/19/2016 12:10:00 AM	303000.000	13.030	17.660	29.700
9645.666	11218.309	6.436	7628.450	103.674
1.004	14.743			
3/19/2016 12:15:00 AM	303300.000	13.026	17.660	29.691
9655.471	11229.730	6.443	7636.217	103.568
1.004	14.743			
3/19/2016 12:20:00 AM	303600.000	13.024	17.661	29.686
9662.481	11237.711	6.448	7641.644	103.493
1.004	14.745			
3/19/2016 12:25:00 AM	303900.000	13.024	17.661	29.686
9670.041	11246.567	6.453	7647.667	103.412
1.004	14.746			
3/19/2016 12:30:00 AM	304200.000	13.024	17.661	29.685
9678.445	11256.365	6.459	7654.329	103.322
1.004	14.747			
3/19/2016 12:35:00 AM	304500.000	13.022	17.660	29.682
9682.168	11260.780	6.462	7657.331	103.283
1.004	14.747			
3/19/2016 12:40:00 AM	304800.000	13.022	17.661	29.682
9687.333	11266.744	6.466	7661.387	103.228
1.004	14.748			
3/19/2016 12:45:00 AM	305100.000	13.021	17.661	29.680
9692.988	11273.321	6.470	7665.859	103.167
1.004	14.748			
3/19/2016 12:50:00 AM	305400.000	13.024	17.661	29.685
9694.969	11275.536	6.471	7667.365	103.146
1.004	14.747			
3/19/2016 12:55:00 AM	305700.000	13.026	17.661	29.689
9698.872	11280.164	6.474	7670.512	103.105
1.004	14.746			
3/19/2016 1:00:00 AM	306000.000	13.031	17.661	29.702
9702.266	11284.111	6.476	7673.196	103.069
1.004	14.746			
3/19/2016 1:05:00 AM	306300.000	13.025	17.662	29.689
9705.272	11287.367	6.478	7675.410	103.037
1.004	14.746			

3/19/2016 1:10:00 AM	306600.000	13.024	17.660	29.686
9708.839	11291.822	6.481	7678.439	102.999
1.004	14.747			
3/19/2016 1:15:00 AM	306900.000	13.025	17.661	29.688
9710.678	11293.785	6.482	7679.774	102.979
1.004	14.748			
3/19/2016 1:20:00 AM	307200.000	13.025	17.661	29.688
9713.017	11296.485	6.484	7681.610	102.955
1.004	14.748			
3/19/2016 1:25:00 AM	307500.000	13.025	17.660	29.687
9715.516	11299.631	6.486	7683.749	102.928
1.004	14.748			
3/19/2016 1:30:00 AM	307800.000	13.026	17.661	29.690
9716.515	11300.684	6.487	7684.465	102.918
1.004	14.749			
3/19/2016 1:35:00 AM	308100.000	13.025	17.660	29.689
9718.862	11303.438	6.488	7686.339	102.893
1.004	14.748			
3/19/2016 1:40:00 AM	308400.000	13.027	17.661	29.693
9721.453	11306.385	6.490	7688.342	102.865
1.004	14.748			
3/19/2016 1:45:00 AM	308700.000	13.027	17.660	29.692
9723.878	11309.291	6.492	7690.318	102.840
1.004	14.748			
3/19/2016 1:50:00 AM	309000.000	13.033	17.660	29.707
9725.584	11311.385	6.493	7691.742	102.822
1.004	14.747			
3/19/2016 1:55:00 AM	309300.000	13.031	17.661	29.702
9725.215	11310.760	6.493	7691.317	102.825
1.004	14.745			
3/19/2016 2:00:00 AM	309600.000	13.032	17.661	29.704
9728.008	11314.051	6.495	7693.555	102.796
1.004	14.744			
3/19/2016 2:05:00 AM	309900.000	13.034	17.660	29.707
9727.908	11314.108	6.495	7693.594	102.797
1.004	14.745			
3/19/2016 2:10:00 AM	310200.000	13.032	17.661	29.703
9730.242	11316.519	6.496	7695.233	102.772
1.004	14.745			
3/19/2016 2:15:00 AM	310500.000	13.032	17.660	29.704
9731.690	11318.442	6.498	7696.542	102.757
1.004	14.746			
3/19/2016 2:20:00 AM	310800.000	13.031	17.660	29.701
9731.923	11318.778	6.498	7696.770	102.755
1.004	14.747			
3/19/2016 2:25:00 AM	311100.000	13.030	17.660	29.699
9731.932	11318.681	6.498	7696.704	102.755
1.004	14.748			
3/19/2016 2:30:00 AM	311400.000	13.029	17.660	29.696
9734.111	11321.302	6.499	7698.486	102.732
1.004	14.749			
3/19/2016 2:35:00 AM	311700.000	13.032	17.660	29.703
9733.774	11320.866	6.499	7698.189	102.735
1.004	14.746			
3/19/2016 2:40:00 AM	312000.000	13.033	17.661	29.706
9735.870	11323.152	6.501	7699.744	102.713
1.004	14.743			
3/19/2016 2:45:00 AM	312300.000	13.036	17.661	29.713



9735.650	11322.939	6.500	7699.599	102.715
1.004	14.741			
3/19/2016 2:50:00 AM	312600.000	13.037	17.660	29.714
9738.350	11326.122	6.502	7701.764	102.687
1.004	14.741			
3/19/2016 2:55:00 AM	312900.000	13.036	17.660	29.714
9735.922	11323.280	6.501	7699.831	102.712
1.004	14.742			
3/19/2016 3:00:00 AM	313200.000	13.036	17.660	29.712
9738.028	11325.749	6.502	7701.509	102.690
1.004	14.742			
3/19/2016 3:05:00 AM	313500.000	13.037	17.660	29.715
9738.970	11326.844	6.503	7702.254	102.680
1.004	14.744			
3/19/2016 3:10:00 AM	313800.000	13.030	17.660	29.699
9739.752	11327.841	6.503	7702.932	102.672
1.004	14.746			
3/19/2016 3:15:00 AM	314100.000	13.032	17.661	29.703
9742.569	11330.943	6.505	7705.042	102.642
1.004	14.748			
3/19/2016 3:20:00 AM	314400.000	13.032	17.661	29.704
9742.324	11330.591	6.505	7704.802	102.645
1.004	14.747			
3/19/2016 3:25:00 AM	314700.000	13.032	17.661	29.703
9741.865	11330.078	6.505	7704.454	102.650
1.004	14.746			
3/19/2016 3:30:00 AM	315000.000	13.032	17.660	29.705
9742.740	11331.316	6.506	7705.295	102.641
1.004	14.745			
3/19/2016 3:35:00 AM	315300.000	13.031	17.660	29.701
9744.184	11332.907	6.507	7706.377	102.625
1.004	14.747			
3/19/2016 3:40:00 AM	315600.000	13.034	17.661	29.709
9746.025	11334.939	6.508	7707.759	102.606
1.004	14.748			
3/19/2016 3:45:00 AM	315900.000	13.029	17.661	29.697
9745.244	11334.055	6.507	7707.158	102.614
1.004	14.749			
3/19/2016 3:50:00 AM	316200.000	13.032	17.661	29.704
9746.052	11335.036	6.508	7707.825	102.606
1.004	14.746			
3/19/2016 3:55:00 AM	316500.000	13.032	17.661	29.704
9747.885	11336.949	6.509	7709.126	102.586
1.004	14.744			
3/19/2016 4:00:00 AM	316800.000	13.033	17.659	29.706
9748.149	11337.783	6.510	7709.693	102.584
1.004	14.742			
3/19/2016 4:05:00 AM	317100.000	13.032	17.660	29.705
9749.338	11338.902	6.510	7710.454	102.571
1.004	14.743			
3/19/2016 4:10:00 AM	317400.000	13.033	17.661	29.707
9749.016	11338.483	6.510	7710.169	102.574
1.004	14.744			
3/19/2016 4:15:00 AM	317700.000	13.032	17.660	29.703
9748.335	11337.779	6.510	7709.690	102.582
1.004	14.746			
3/19/2016 4:20:00 AM	318000.000	13.029	17.661	29.697
9751.496	11341.302	6.512	7712.086	102.548

1.004	14.747			
3/19/2016 4:25:00 AM	318300.000	13.028	17.661	29.695
9751.800	11341.722	6.512	7712.371	102.545
1.004	14.748			
3/19/2016 4:30:00 AM	318600.000	13.026	17.660	29.691
9751.188	11341.118	6.512	7711.961	102.552
1.004	14.750			
3/19/2016 4:35:00 AM	318900.000	13.030	17.660	29.699
9755.631	11346.266	6.515	7715.461	102.505
1.004	14.748			
3/19/2016 4:40:00 AM	319200.000	13.032	17.661	29.705
9754.424	11344.730	6.514	7714.417	102.518
1.004	14.746			
3/19/2016 4:45:00 AM	319500.000	13.036	17.660	29.713
9753.991	11344.402	6.514	7714.194	102.522
1.004	14.743			
3/19/2016 4:50:00 AM	319800.000	13.037	17.660	29.715
9754.604	11345.225	6.514	7714.753	102.516
1.004	14.744			
3/19/2016 4:55:00 AM	320100.000	13.035	17.660	29.710
9754.484	11344.953	6.514	7714.569	102.517
1.004	14.745			
3/19/2016 5:00:00 AM	320400.000	13.034	17.660	29.708
9755.987	11346.724	6.515	7715.772	102.501
1.004	14.745			
3/19/2016 5:05:00 AM	320700.000	13.035	17.660	29.710
9754.533	11344.944	6.514	7714.563	102.516
1.004	14.746			
3/19/2016 5:10:00 AM	321000.000	13.034	17.660	29.709
9759.256	11350.438	6.517	7718.298	102.467
1.004	14.746			
3/19/2016 5:15:00 AM	321300.000	13.039	17.661	29.720
9759.214	11350.323	6.517	7718.220	102.467
1.004	14.747			
3/19/2016 5:20:00 AM	321600.000	13.033	17.660	29.706
9757.939	11348.888	6.516	7717.244	102.481
1.004	14.748			
3/19/2016 5:25:00 AM	321900.000	13.034	17.661	29.709
9757.938	11348.840	6.516	7717.211	102.481
1.004	14.749			
3/19/2016 5:30:00 AM	322200.000	13.032	17.660	29.704
9757.522	11348.509	6.516	7716.986	102.485
1.004	14.749			
3/19/2016 5:35:00 AM	322500.000	13.034	17.660	29.708
9759.290	11350.565	6.518	7718.385	102.466
1.004	14.748			
3/19/2016 5:40:00 AM	322800.000	13.040	17.660	29.722
9761.576	11353.267	6.519	7720.222	102.442
1.004	14.747			
3/19/2016 5:45:00 AM	323100.000	13.037	17.660	29.714
9758.277	11349.474	6.517	7717.642	102.477
1.004	14.745			
3/19/2016 5:50:00 AM	323400.000	13.041	17.660	29.725
9758.881	11350.157	6.517	7718.107	102.471
1.004	14.746			
3/19/2016 5:55:00 AM	323700.000	13.037	17.660	29.715
9759.271	11350.498	6.517	7718.339	102.467
1.004	14.747			

3/19/2016 6:00:00 AM	324000.000	13.036	17.660	29.713
9761.294	11352.917	6.519	7719.983	102.445
1.004	14.748			
3/19/2016 6:05:00 AM	324300.000	13.036	17.660	29.712
9761.623	11353.278	6.519	7720.229	102.442
1.004	14.751			
3/19/2016 6:10:00 AM	324600.000	13.035	17.660	29.710
9761.200	11352.722	6.519	7719.851	102.446
1.004	14.754			
3/19/2016 6:15:00 AM	324900.000	13.031	17.661	29.702
9762.736	11354.398	6.520	7720.992	102.430
1.004	14.757			
3/19/2016 6:20:00 AM	325200.000	13.031	17.661	29.701
9763.561	11355.269	6.520	7721.583	102.422
1.004	14.756			
3/19/2016 6:25:00 AM	325500.000	13.037	17.661	29.716
9764.443	11356.405	6.521	7722.356	102.412
1.004	14.756			
3/19/2016 6:30:00 AM	325800.000	13.033	17.660	29.707
9762.967	11354.862	6.520	7721.307	102.428
1.004	14.755			
3/19/2016 6:35:00 AM	326100.000	13.033	17.661	29.707
9763.789	11355.576	6.521	7721.792	102.419
1.004	14.754			
3/19/2016 6:40:00 AM	326400.000	13.038	17.660	29.717
9765.541	11357.835	6.522	7723.328	102.401
1.004	14.753			
3/19/2016 6:45:00 AM	326700.000	13.036	17.660	29.713
9763.576	11355.506	6.521	7721.745	102.421
1.004	14.752			
3/19/2016 6:50:00 AM	327000.000	13.038	17.661	29.717
9761.167	11352.506	6.519	7719.705	102.447
1.004	14.751			
3/19/2016 6:55:00 AM	327300.000	13.040	17.660	29.723
9754.960	11345.464	6.514	7714.916	102.512
1.004	14.750			
3/19/2016 7:00:00 AM	327600.000	13.041	17.660	29.724
9745.550	11334.540	6.508	7707.488	102.611
1.004	14.749			
3/19/2016 7:05:00 AM	327900.000	13.041	17.661	29.725
9737.874	11325.459	6.502	7701.313	102.692
1.004	14.751			
3/19/2016 7:10:00 AM	328200.000	13.038	17.661	29.718
9728.139	11314.182	6.495	7693.644	102.795
1.004	14.753			
3/19/2016 7:15:00 AM	328500.000	13.038	17.661	29.718
9724.101	11309.485	6.492	7690.451	102.837
1.004	14.755			
3/19/2016 7:20:00 AM	328800.000	13.038	17.660	29.717
9717.140	11301.498	6.487	7685.019	102.911
1.004	14.754			
3/19/2016 7:25:00 AM	329100.000	13.044	17.660	29.730
9711.875	11295.331	6.483	7680.826	102.967
1.004	14.754			
3/19/2016 7:30:00 AM	329400.000	13.039	17.660	29.721
9706.342	11288.919	6.479	7676.465	103.025
1.004	14.754			
3/19/2016 7:35:00 AM	329700.000	13.037	17.660	29.716

9702.612	11284.559	6.477	7673.500	103.065
1.004	14.757			
3/19/2016 7:40:00 AM	330000.000	13.035	17.660	29.711
9698.726	11280.020	6.474	7670.414	103.106
1.004	14.761			
3/19/2016 7:45:00 AM	330300.000	13.033	17.660	29.706
9695.978	11276.864	6.472	7668.268	103.136
1.004	14.764			
3/19/2016 7:50:00 AM	330600.000	13.034	17.660	29.708
9690.829	11271.027	6.468	7664.299	103.190
1.004	14.764			
3/19/2016 7:55:00 AM	330900.000	13.038	17.660	29.719
9687.442	11267.112	6.466	7661.637	103.226
1.004	14.764			
3/19/2016 8:00:00 AM	331200.000	13.034	17.660	29.707
9683.809	11262.754	6.463	7658.673	103.265
1.004	14.764			
3/19/2016 8:05:00 AM	331500.000	13.034	17.660	29.708
9680.401	11258.835	6.461	7656.008	103.301
1.004	14.763			
3/19/2016 8:10:00 AM	331800.000	13.036	17.661	29.714
9677.813	11255.606	6.459	7653.813	103.329
1.004	14.761			
3/19/2016 8:15:00 AM	332100.000	13.039	17.660	29.720
9673.683	11251.021	6.456	7650.694	103.373
1.004	14.760			
3/19/2016 8:20:00 AM	332400.000	13.040	17.660	29.722
9669.012	11245.608	6.453	7647.014	103.423
1.004	14.761			
3/19/2016 8:25:00 AM	332700.000	13.038	17.660	29.718
9666.058	11242.087	6.450	7644.620	103.455
1.004	14.761			
3/19/2016 8:30:00 AM	333000.000	13.038	17.660	29.718
9663.919	11239.753	6.449	7643.033	103.478
1.004	14.762			
3/19/2016 8:35:00 AM	333300.000	13.038	17.660	29.717
9660.099	11235.136	6.446	7639.893	103.519
1.004	14.762			
3/19/2016 8:40:00 AM	333600.000	13.040	17.660	29.722
9657.532	11232.192	6.444	7637.891	103.546
1.004	14.762			
3/19/2016 8:45:00 AM	333900.000	13.040	17.661	29.723
9653.163	11226.961	6.441	7634.334	103.593
1.004	14.762			
3/19/2016 8:50:00 AM	334200.000	13.040	17.660	29.722
9651.767	11225.445	6.440	7633.303	103.608
1.004	14.764			
3/19/2016 8:55:00 AM	334500.000	13.038	17.660	29.717
9647.425	11220.526	6.437	7629.958	103.655
1.004	14.766			
3/19/2016 9:00:00 AM	334800.000	13.038	17.660	29.717
9640.982	11212.880	6.432	7624.759	103.724
1.004	14.768			
3/19/2016 9:05:00 AM	335100.000	13.038	17.660	29.718
9637.354	11208.746	6.430	7621.948	103.763
1.004	14.766			
3/19/2016 9:10:00 AM	335400.000	13.040	17.660	29.723
9633.553	11204.368	6.427	7618.970	103.804

1.004	14.765			
3/19/2016 9:15:00 AM	335700.000	13.043	17.660	29.728
9630.925	11201.183	6.425	7616.805	103.832
1.004	14.763			
3/19/2016 9:20:00 AM	336000.000	13.042	17.659	29.728
9626.045	11195.744	6.422	7613.106	103.885
1.004	14.764			
3/19/2016 9:25:00 AM	336300.000	13.041	17.660	29.723
9619.666	11188.152	6.417	7607.944	103.954
1.004	14.766			
3/19/2016 9:30:00 AM	336600.000	13.039	17.661	29.720
9615.286	11182.930	6.414	7604.393	104.001
1.004	14.767			
3/19/2016 9:35:00 AM	336900.000	13.040	17.660	29.722
9612.441	11179.857	6.412	7602.304	104.032
1.004	14.766			
3/19/2016 9:40:00 AM	337200.000	13.039	17.661	29.719
9607.220	11173.569	6.408	7598.028	104.088
1.004	14.765			
3/19/2016 9:45:00 AM	337500.000	13.046	17.660	29.736
9601.133	11166.620	6.404	7593.302	104.154
1.004	14.764			
3/19/2016 9:50:00 AM	337800.000	13.039	17.660	29.720
9596.344	11161.071	6.400	7589.528	104.206
1.004	14.764			
3/19/2016 9:55:00 AM	338100.000	13.040	17.660	29.722
9592.113	11156.130	6.397	7586.169	104.252
1.004	14.765			
3/19/2016 10:00:00 AM	338400.000	13.039	17.660	29.720
9588.415	11151.870	6.395	7583.272	104.293
1.004	14.765			
3/19/2016 10:05:00 AM	338700.000	13.039	17.660	29.720
9584.604	11147.373	6.392	7580.214	104.334
1.004	14.766			
3/19/2016 10:10:00 AM	339000.000	13.040	17.660	29.722
9578.135	11139.808	6.387	7575.070	104.404
1.004	14.767			
3/19/2016 10:15:00 AM	339300.000	13.040	17.660	29.721
9573.328	11134.281	6.384	7571.312	104.457
1.004	14.768			
3/19/2016 10:20:00 AM	339600.000	13.038	17.660	29.717
9570.616	11131.041	6.382	7569.108	104.486
1.004	14.770			
3/19/2016 10:25:00 AM	339900.000	13.036	17.660	29.713
9564.864	11124.479	6.378	7564.646	104.549
1.004	14.771			
3/19/2016 10:30:00 AM	340200.000	13.039	17.660	29.720
9561.918	11120.968	6.376	7562.259	104.582
1.004	14.773			
3/19/2016 10:35:00 AM	340500.000	13.037	17.660	29.715
9558.315	11116.888	6.373	7559.484	104.621
1.004	14.771			
3/19/2016 10:40:00 AM	340800.000	13.038	17.660	29.717
9555.694	11113.750	6.371	7557.351	104.650
1.004	14.768			
3/19/2016 10:45:00 AM	341100.000	13.041	17.660	29.725
9552.908	11110.574	6.369	7555.190	104.680
1.004	14.766			

3/19/2016 10:50:00 AM	341400.000	13.042	17.661	29.726
9548.405	11105.079	6.366	7551.455	104.730
1.004	14.767			
3/19/2016 10:55:00 AM	341700.000	13.040	17.660	29.723
9548.620	11105.587	6.366	7551.800	104.727
1.004	14.768			
3/19/2016 11:00:00 AM	342000.000	13.041	17.660	29.725
9547.013	11103.653	6.365	7550.485	104.745
1.004	14.768			
3/19/2016 11:05:00 AM	342300.000	13.049	17.660	29.742
9543.485	11099.509	6.362	7547.667	104.784
1.004	14.767			
3/19/2016 11:10:00 AM	342600.000	13.041	17.660	29.725
9544.697	11100.982	6.363	7548.668	104.770
1.004	14.766			
3/19/2016 11:15:00 AM	342900.000	13.044	17.659	29.731
9540.543	11096.300	6.360	7545.484	104.816
1.004	14.765			
3/19/2016 11:20:00 AM	343200.000	13.042	17.660	29.728
9540.611	11096.271	6.360	7545.465	104.815
1.004	14.766			
3/19/2016 11:25:00 AM	343500.000	13.042	17.660	29.726
9538.598	11093.845	6.359	7543.814	104.837
1.004	14.766			
3/19/2016 11:30:00 AM	343800.000	13.045	17.660	29.734
9538.970	11094.299	6.359	7544.123	104.833
1.004	14.766			
3/19/2016 11:35:00 AM	344100.000	13.038	17.660	29.718
9536.114	11091.066	6.357	7541.925	104.865
1.004	14.767			
3/19/2016 11:40:00 AM	344400.000	13.037	17.660	29.716
9537.215	11092.346	6.358	7542.795	104.852
1.004	14.767			
3/19/2016 11:45:00 AM	344700.000	13.039	17.661	29.721
9536.815	11091.645	6.358	7542.319	104.857
1.004	14.767			
3/19/2016 11:50:00 AM	345000.000	13.040	17.660	29.722
9537.971	11093.287	6.359	7543.436	104.844
1.004	14.767			
3/19/2016 11:55:00 AM	345300.000	13.038	17.661	29.717
9537.450	11092.360	6.358	7542.806	104.850
1.004	14.767			
3/19/2016 12:00:00 PM	345600.000	13.036	17.660	29.714
9536.234	11091.140	6.357	7541.976	104.863
1.004	14.767			
3/19/2016 12:05:00 PM	345900.000	13.039	17.660	29.719
9535.924	11090.820	6.357	7541.758	104.867
1.004	14.766			
3/19/2016 12:10:00 PM	346200.000	13.038	17.660	29.718
9538.572	11093.837	6.359	7543.810	104.837
1.004	14.765			
3/19/2016 12:15:00 PM	346500.000	13.038	17.660	29.718
9534.578	11089.321	6.356	7540.739	104.881
1.004	14.765			
3/19/2016 12:20:00 PM	346800.000	13.039	17.660	29.719
9535.971	11090.940	6.357	7541.840	104.866
1.004	14.764			
3/19/2016 12:25:00 PM	347100.000	13.037	17.660	29.715

9534.550	11089.201	6.356	7540.657	104.882
1.004	14.764			
3/19/2016 12:30:00 PM	347400.000	13.040	17.660	29.722
9535.381	11090.061	6.357	7541.242	104.873
1.004	14.764			
3/19/2016 12:35:00 PM	347700.000	13.042	17.660	29.728
9534.271	11088.856	6.356	7540.423	104.885
1.004	14.762			
3/19/2016 12:40:00 PM	348000.000	13.044	17.660	29.732
9533.783	11088.310	6.356	7540.051	104.890
1.004	14.761			
3/19/2016 12:45:00 PM	348300.000	13.050	17.660	29.746
9537.802	11092.983	6.358	7543.229	104.846
1.004	14.760			
3/19/2016 12:50:00 PM	348600.000	13.042	17.660	29.727
9535.660	11090.429	6.357	7541.492	104.870
1.004	14.762			
3/19/2016 12:55:00 PM	348900.000	13.040	17.660	29.722
9534.780	11089.490	6.356	7540.854	104.879
1.004	14.765			
3/19/2016 1:00:00 PM	349200.000	13.039	17.660	29.720
9534.715	11089.350	6.356	7540.758	104.880
1.004	14.767			
3/19/2016 1:05:00 PM	349500.000	13.039	17.660	29.721
9534.282	11088.783	6.356	7540.373	104.885
1.004	14.767			
3/19/2016 1:10:00 PM	349800.000	13.039	17.660	29.720
9533.447	11087.982	6.355	7539.828	104.894
1.004	14.767			
3/19/2016 1:15:00 PM	350100.000	13.040	17.660	29.722
9533.583	11088.033	6.355	7539.863	104.892
1.004	14.766			
3/19/2016 1:20:00 PM	350400.000	13.039	17.660	29.719
9532.273	11086.554	6.354	7538.857	104.907
1.004	14.767			
3/19/2016 1:25:00 PM	350700.000	13.039	17.660	29.719
9532.980	11087.355	6.355	7539.402	104.899
1.004	14.768			
3/19/2016 1:30:00 PM	351000.000	13.036	17.660	29.713
9534.417	11089.110	6.356	7540.596	104.883
1.004	14.769			
3/19/2016 1:35:00 PM	351300.000	13.042	17.661	29.727
9532.362	11086.466	6.354	7538.797	104.906
1.004	14.768			
3/19/2016 1:40:00 PM	351600.000	13.043	17.660	29.729
9531.013	11084.980	6.354	7537.787	104.921
1.004	14.767			
3/19/2016 1:45:00 PM	351900.000	13.038	17.660	29.717
9535.139	11089.822	6.356	7541.080	104.875
1.004	14.766			
3/19/2016 1:50:00 PM	352200.000	13.040	17.660	29.723
9535.256	11090.002	6.357	7541.202	104.874
1.004	14.765			
3/19/2016 1:55:00 PM	352500.000	13.040	17.660	29.723
9533.083	11087.559	6.355	7539.541	104.898
1.004	14.764			
3/19/2016 2:00:00 PM	352800.000	13.043	17.660	29.730
9529.410	11083.160	6.352	7536.549	104.938

1.004	14.764			
3/19/2016 2:05:00 PM	353100.000	13.041	17.660	29.725
9534.709	11089.261	6.356	7540.698	104.880
1.004	14.765			
3/19/2016 2:10:00 PM	353400.000	13.039	17.660	29.719
9533.007	11087.406	6.355	7539.437	104.899
1.004	14.766			
3/19/2016 2:15:00 PM	353700.000	13.038	17.660	29.717
9531.835	11085.937	6.354	7538.438	104.912
1.004	14.767			
3/19/2016 2:20:00 PM	354000.000	13.045	17.660	29.734
9533.076	11087.424	6.355	7539.449	104.898
1.004	14.765			
3/19/2016 2:25:00 PM	354300.000	13.040	17.660	29.722
9534.009	11088.551	6.356	7540.215	104.888
1.004	14.764			
3/19/2016 2:30:00 PM	354600.000	13.043	17.660	29.729
9533.080	11087.492	6.355	7539.495	104.898
1.004	14.762			
3/19/2016 2:35:00 PM	354900.000	13.044	17.660	29.732
9531.315	11085.333	6.354	7538.027	104.917
1.004	14.761			
3/19/2016 2:40:00 PM	355200.000	13.046	17.660	29.736
9530.551	11084.443	6.353	7537.422	104.926
1.004	14.760			
3/19/2016 2:45:00 PM	355500.000	13.046	17.660	29.735
9531.151	11085.142	6.354	7537.896	104.919
1.004	14.759			
3/19/2016 2:50:00 PM	355800.000	13.043	17.660	29.730
9530.927	11084.944	6.353	7537.763	104.922
1.004	14.760			
3/19/2016 2:55:00 PM	356100.000	13.041	17.661	29.724
9533.170	11087.446	6.355	7539.463	104.897
1.004	14.762			
3/19/2016 3:00:00 PM	356400.000	13.039	17.661	29.721
9531.806	11085.859	6.354	7538.384	104.912
1.004	14.763			
3/19/2016 3:05:00 PM	356700.000	13.046	17.660	29.735
9532.498	11086.730	6.355	7538.977	104.904
1.004	14.760			
3/19/2016 3:10:00 PM	357000.000	13.044	17.660	29.731
9532.316	11086.479	6.354	7538.806	104.906
1.004	14.757			
3/19/2016 3:15:00 PM	357300.000	13.045	17.661	29.733
9531.209	11085.166	6.354	7537.913	104.918
1.004	14.754			
3/19/2016 3:20:00 PM	357600.000	13.045	17.660	29.735
9531.477	11085.627	6.354	7538.227	104.916
1.004	14.753			
3/19/2016 3:25:00 PM	357900.000	13.046	17.662	29.736
9531.964	11085.720	6.354	7538.290	104.910
1.004	14.752			
3/19/2016 3:30:00 PM	358200.000	13.046	17.661	29.736
9532.809	11086.984	6.355	7539.150	104.901
1.004	14.751			
3/19/2016 3:35:00 PM	358500.000	13.048	17.660	29.741
9536.473	11091.313	6.357	7542.093	104.861
1.004	14.751			



3/19/2016 3:40:00 PM	358800.000	13.047	17.661	29.737
9538.611	11093.561	6.359	7543.622	104.837
1.004	14.750			
3/19/2016 3:45:00 PM	359100.000	13.046	17.661	29.737
9547.148	11103.684	6.365	7550.505	104.743
1.004	14.750			
3/19/2016 3:50:00 PM	359400.000	13.044	17.660	29.732
9553.922	11111.711	6.370	7555.963	104.669
1.004	14.752			
3/19/2016 3:55:00 PM	359700.000	13.042	17.661	29.727
9559.175	11117.691	6.374	7560.030	104.612
1.004	14.755			
3/19/2016 4:00:00 PM	360000.000	13.040	17.660	29.722
9563.688	11123.047	6.377	7563.672	104.562
1.004	14.757			
3/19/2016 4:05:00 PM	360300.000	13.045	17.661	29.734
9572.506	11133.043	6.383	7570.469	104.466
1.004	14.755			
3/19/2016 4:10:00 PM	360600.000	13.043	17.660	29.728
9579.021	11140.815	6.388	7575.755	104.395
1.004	14.754			
3/19/2016 4:15:00 PM	360900.000	13.043	17.660	29.729
9582.099	11144.377	6.390	7578.176	104.361
1.004	14.752			
3/19/2016 4:20:00 PM	361200.000	13.042	17.661	29.728
9587.919	11151.034	6.394	7582.704	104.298
1.004	14.752			
3/19/2016 4:25:00 PM	361500.000	13.044	17.661	29.730
9595.555	11159.981	6.400	7588.788	104.215
1.004	14.751			
3/19/2016 4:30:00 PM	361800.000	13.043	17.661	29.730
9598.353	11163.169	6.402	7590.955	104.185
1.004	14.751			
3/19/2016 4:35:00 PM	362100.000	13.045	17.661	29.734
9602.542	11168.129	6.405	7594.328	104.139
1.004	14.748			
3/19/2016 4:40:00 PM	362400.000	13.047	17.662	29.738
9606.703	11172.707	6.408	7597.441	104.094
1.004	14.746			
3/19/2016 4:45:00 PM	362700.000	13.050	17.661	29.744
9612.330	11179.425	6.412	7602.009	104.033
1.004	14.744			
3/19/2016 4:50:00 PM	363000.000	13.048	17.661	29.740
9614.399	11181.878	6.413	7603.678	104.011
1.004	14.745			
3/19/2016 4:55:00 PM	363300.000	13.047	17.661	29.739
9618.861	11187.044	6.416	7607.190	103.962
1.004	14.746			
3/19/2016 5:00:00 PM	363600.000	13.045	17.660	29.733
9623.017	11191.967	6.420	7610.538	103.918
1.004	14.748			
3/19/2016 5:05:00 PM	363900.000	13.047	17.661	29.738
9625.326	11194.540	6.421	7612.288	103.893
1.004	14.747			
3/19/2016 5:10:00 PM	364200.000	13.047	17.661	29.738
9628.578	11198.256	6.423	7614.814	103.857
1.004	14.746			
3/19/2016 5:15:00 PM	364500.000	13.048	17.660	29.740

9631.977	11202.387	6.426	7617.624	103.821
1.004	14.746			
3/19/2016 5:20:00 PM	364800.000	13.047	17.661	29.737
9633.915	11204.617	6.427	7619.140	103.800
1.004	14.747			
3/19/2016 5:25:00 PM	365100.000	13.046	17.661	29.736
9636.220	11207.188	6.429	7620.889	103.775
1.004	14.748			
3/19/2016 5:30:00 PM	365400.000	13.043	17.661	29.729
9639.613	11211.156	6.431	7623.586	103.739
1.004	14.750			
3/19/2016 5:35:00 PM	365700.000	13.043	17.660	29.729
9641.037	11212.925	6.432	7624.789	103.723
1.004	14.749			
3/19/2016 5:40:00 PM	366000.000	13.044	17.660	29.731
9643.172	11215.408	6.434	7626.478	103.700
1.004	14.748			
3/19/2016 5:45:00 PM	366300.000	13.050	17.660	29.746
9645.738	11218.411	6.436	7628.520	103.673
1.004	14.748			
3/19/2016 5:50:00 PM	366600.000	13.046	17.661	29.736
9647.616	11220.486	6.437	7629.931	103.653
1.004	14.746			
3/19/2016 5:55:00 PM	366900.000	13.048	17.661	29.739
9649.255	11222.370	6.438	7631.212	103.635
1.004	14.744			
3/19/2016 6:00:00 PM	367200.000	13.050	17.660	29.744
9651.102	11224.630	6.440	7632.749	103.615
1.004	14.743			
3/19/2016 6:05:00 PM	367500.000	13.049	17.661	29.743
9651.276	11224.721	6.440	7632.811	103.613
1.004	14.743			
3/19/2016 6:10:00 PM	367800.000	13.049	17.661	29.742
9652.920	11226.633	6.441	7634.111	103.596
1.004	14.744			
3/19/2016 6:15:00 PM	368100.000	13.047	17.661	29.739
9658.034	11232.647	6.445	7638.201	103.541
1.004	14.745			
3/19/2016 6:20:00 PM	368400.000	13.049	17.660	29.742
9656.800	11231.276	6.444	7637.269	103.554
1.004	14.745			
3/19/2016 6:25:00 PM	368700.000	13.049	17.661	29.742
9657.576	11232.094	6.444	7637.824	103.546
1.004	14.745			
3/19/2016 6:30:00 PM	369000.000	13.049	17.661	29.743
9661.158	11236.260	6.447	7640.657	103.507
1.004	14.745			
3/19/2016 6:35:00 PM	369300.000	13.047	17.661	29.739
9661.453	11236.645	6.447	7640.919	103.504
1.004	14.746			
3/19/2016 6:40:00 PM	369600.000	13.047	17.661	29.738
9662.886	11238.269	6.448	7642.022	103.489
1.004	14.747			
3/19/2016 6:45:00 PM	369900.000	13.046	17.661	29.736
9665.542	11241.246	6.450	7644.048	103.460
1.004	14.747			
3/19/2016 6:50:00 PM	370200.000	13.048	17.661	29.741
9664.758	11240.446	6.449	7643.504	103.469

1.004	14.747			
3/19/2016 6:55:00 PM	370500.000	13.048	17.661	29.741
9666.712	11242.740	6.451	7645.064	103.448
1.004	14.746			
3/19/2016 7:00:00 PM	370800.000	13.050	17.660	29.745
9668.370	11244.776	6.452	7646.449	103.430
1.004	14.745			
3/19/2016 7:05:00 PM	371100.000	13.049	17.661	29.744
9668.960	11245.201	6.452	7646.737	103.424
1.004	14.744			
3/19/2016 7:10:00 PM	371400.000	13.048	17.660	29.741
9671.255	11248.069	6.454	7648.688	103.399
1.004	14.744			
3/19/2016 7:15:00 PM	371700.000	13.050	17.661	29.746
9670.227	11246.739	6.453	7647.783	103.410
1.004	14.743			
3/19/2016 7:20:00 PM	372000.000	13.050	17.661	29.745
9671.244	11247.990	6.454	7648.633	103.399
1.004	14.742			
3/19/2016 7:25:00 PM	372300.000	13.050	17.661	29.746
9673.078	11250.035	6.455	7650.024	103.380
1.004	14.742			
3/19/2016 7:30:00 PM	372600.000	13.052	17.661	29.751
9673.520	11250.590	6.456	7650.401	103.375
1.004	14.741			
3/19/2016 7:35:00 PM	372900.000	13.052	17.660	29.751
9675.812	11253.388	6.457	7652.304	103.351
1.004	14.742			
3/19/2016 7:40:00 PM	373200.000	13.052	17.661	29.750
9677.539	11255.354	6.459	7653.641	103.332
1.004	14.743			
3/19/2016 7:45:00 PM	373500.000	13.052	17.660	29.750
9678.363	11256.378	6.459	7654.337	103.323
1.004	14.743			
3/19/2016 7:50:00 PM	373800.000	13.050	17.661	29.746
9678.630	11256.622	6.459	7654.503	103.320
1.004	14.746			
3/19/2016 7:55:00 PM	374100.000	13.049	17.661	29.743
9679.153	11257.013	6.460	7654.769	103.315
1.004	14.748			
3/19/2016 8:00:00 PM	374400.000	13.047	17.661	29.737
9680.430	11258.715	6.461	7655.927	103.301
1.004	14.750			
3/19/2016 8:05:00 PM	374700.000	13.047	17.660	29.737
9680.216	11258.510	6.461	7655.787	103.303
1.004	14.751			
3/19/2016 8:10:00 PM	375000.000	13.048	17.660	29.740
9682.945	11261.685	6.463	7657.946	103.274
1.004	14.751			
3/19/2016 8:15:00 PM	375300.000	13.048	17.660	29.740
9683.386	11262.197	6.463	7658.295	103.270
1.004	14.751			
3/19/2016 8:20:00 PM	375600.000	13.051	17.660	29.748
9683.424	11262.223	6.463	7658.312	103.269
1.004	14.749			
3/19/2016 8:25:00 PM	375900.000	13.054	17.661	29.753
9682.807	11261.370	6.462	7657.732	103.276
1.004	14.748			

3/19/2016 8:30:00 PM	376200.000	13.057	17.661	29.760
9683.216	11261.867	6.463	7658.070	103.271
1.004	14.746			
3/19/2016 8:35:00 PM	376500.000	13.053	17.660	29.752
9683.377	11262.168	6.463	7658.274	103.270
1.004	14.748			
3/19/2016 8:40:00 PM	376800.000	13.057	17.660	29.761
9686.001	11265.238	6.465	7660.363	103.242
1.004	14.750			
3/19/2016 8:45:00 PM	377100.000	13.053	17.661	29.751
9685.011	11263.889	6.464	7659.445	103.252
1.004	14.753			
3/19/2016 8:50:00 PM	377400.000	13.053	17.661	29.752
9686.865	11266.179	6.465	7661.001	103.233
1.004	14.752			
3/19/2016 8:55:00 PM	377700.000	13.058	17.660	29.763
9686.633	11265.996	6.465	7660.878	103.235
1.004	14.752			
3/19/2016 9:00:00 PM	378000.000	13.056	17.660	29.759
9686.801	11266.191	6.465	7661.011	103.233
1.004	14.752			
3/19/2016 9:05:00 PM	378300.000	13.054	17.660	29.753
9688.117	11267.681	6.466	7662.023	103.219
1.004	14.754			
3/19/2016 9:10:00 PM	378600.000	13.053	17.661	29.751
9689.160	11268.827	6.467	7662.803	103.208
1.004	14.756			
3/19/2016 9:15:00 PM	378900.000	13.052	17.660	29.749
9688.851	11268.534	6.467	7662.604	103.211
1.004	14.758			
3/19/2016 9:20:00 PM	379200.000	13.050	17.661	29.745
9690.837	11270.754	6.468	7664.113	103.190
1.004	14.758			
3/19/2016 9:25:00 PM	379500.000	13.050	17.662	29.745
9690.101	11269.723	6.468	7663.412	103.198
1.004	14.759			
3/19/2016 9:30:00 PM	379800.000	13.051	17.661	29.748
9690.052	11269.906	6.468	7663.537	103.199
1.004	14.759			
3/19/2016 9:35:00 PM	380100.000	13.057	17.661	29.761
9690.896	11270.799	6.468	7664.144	103.190
1.004	14.760			
3/19/2016 9:40:00 PM	380400.000	13.051	17.661	29.746
9691.966	11271.978	6.469	7664.945	103.178
1.004	14.760			
3/19/2016 9:45:00 PM	380700.000	13.051	17.661	29.748
9690.622	11270.569	6.468	7663.988	103.193
1.004	14.761			
3/19/2016 9:50:00 PM	381000.000	13.052	17.660	29.749
9692.953	11273.347	6.470	7665.876	103.168
1.004	14.760			
3/19/2016 9:55:00 PM	381300.000	13.052	17.661	29.750
9691.784	11271.899	6.469	7664.892	103.180
1.004	14.760			
3/19/2016 10:00:00 PM	381600.000	13.054	17.660	29.755
9691.650	11271.790	6.469	7664.818	103.182
1.004	14.759			
3/19/2016 10:05:00 PM	381900.000	13.054	17.661	29.754

9694.455	11274.897	6.471	7666.931	103.152
1.004	14.759			
3/19/2016 10:10:00 PM	382200.000	13.053	17.660	29.752
9692.977	11273.374	6.470	7665.895	103.167
1.004	14.759			
3/19/2016 10:15:00 PM	382500.000	13.059	17.661	29.766
9693.438	11273.824	6.470	7666.201	103.163
1.004	14.759			
3/19/2016 10:20:00 PM	382800.000	13.055	17.661	29.757
9693.274	11273.633	6.470	7666.070	103.164
1.004	14.759			
3/19/2016 10:25:00 PM	383100.000	13.054	17.661	29.755
9694.804	11275.391	6.471	7667.266	103.148
1.004	14.759			
3/19/2016 10:30:00 PM	383400.000	13.055	17.661	29.757
9694.203	11274.625	6.471	7666.746	103.154
1.004	14.759			
3/19/2016 10:35:00 PM	383700.000	13.059	17.661	29.766
9695.047	11275.497	6.471	7667.338	103.145
1.004	14.757			
3/19/2016 10:40:00 PM	384000.000	13.059	17.661	29.765
9692.042	11272.133	6.469	7665.050	103.177
1.004	14.756			
3/19/2016 10:45:00 PM	384300.000	13.064	17.661	29.776
9695.644	11276.367	6.472	7667.930	103.139
1.004	14.754			
3/19/2016 10:50:00 PM	384600.000	13.056	17.661	29.759
9697.020	11277.968	6.473	7669.018	103.124
1.004	14.758			
3/19/2016 10:55:00 PM	384900.000	13.054	17.661	29.754
9697.214	11278.236	6.473	7669.201	103.122
1.004	14.762			
3/19/2016 11:00:00 PM	385200.000	13.052	17.661	29.750
9696.915	11277.733	6.473	7668.859	103.126
1.004	14.766			
3/19/2016 11:05:00 PM	385500.000	13.052	17.660	29.751
9692.563	11272.959	6.470	7665.613	103.172
1.004	14.766			
3/19/2016 11:10:00 PM	385800.000	13.056	17.660	29.759
9696.397	11277.312	6.472	7668.572	103.131
1.004	14.765			
3/19/2016 11:15:00 PM	386100.000	13.055	17.660	29.757
9697.372	11278.486	6.473	7669.371	103.121
1.004	14.764			
3/19/2016 11:20:00 PM	386400.000	13.056	17.661	29.758
9696.764	11277.603	6.472	7668.771	103.127
1.004	14.764			
3/19/2016 11:25:00 PM	386700.000	13.057	17.661	29.760
9696.926	11277.727	6.473	7668.854	103.125
1.004	14.764			
3/19/2016 11:30:00 PM	387000.000	13.061	17.660	29.771
9697.743	11278.939	6.473	7669.679	103.117
1.004	14.764			
3/19/2016 11:35:00 PM	387300.000	13.057	17.661	29.760
9699.127	11280.396	6.474	7670.669	103.102
1.004	14.765			
3/19/2016 11:40:00 PM	387600.000	13.055	17.660	29.757
9698.191	11279.439	6.474	7670.020	103.112

1.004	14.766			
3/19/2016 11:45:00 PM	387900.000	13.055	17.661	29.756
9698.632	11279.819	6.474	7670.278	103.107
1.004	14.767			
3/19/2016 11:50:00 PM	388200.000	13.056	17.661	29.758
9699.387	11280.675	6.474	7670.859	103.099
1.004	14.766			
3/19/2016 11:55:00 PM	388500.000	13.057	17.661	29.761
9699.062	11280.343	6.474	7670.634	103.103
1.004	14.766			
3/20/2016 12:00:00 AM	388800.000	13.058	17.661	29.763
9699.180	11280.413	6.474	7670.682	103.102
1.004	14.765			
3/20/2016 12:05:00 AM	389100.000	13.059	17.660	29.766
9700.522	11282.128	6.475	7671.847	103.087
1.004	14.764			
3/20/2016 12:10:00 AM	389400.000	13.057	17.660	29.761
9699.824	11281.297	6.475	7671.282	103.095
1.004	14.764			
3/20/2016 12:15:00 AM	389700.000	13.059	17.661	29.766
9700.304	11281.655	6.475	7671.526	103.090
1.004	14.763			
3/20/2016 12:20:00 AM	390000.000	13.058	17.661	29.764
9699.621	11281.015	6.475	7671.090	103.097
1.004	14.765			
3/20/2016 12:25:00 AM	390300.000	13.056	17.661	29.759
9699.437	11280.711	6.474	7670.884	103.099
1.004	14.767			
3/20/2016 12:30:00 AM	390600.000	13.054	17.660	29.755
9700.271	11282.008	6.475	7671.766	103.090
1.004	14.768			
3/20/2016 12:35:00 AM	390900.000	13.055	17.661	29.757
9700.339	11281.870	6.475	7671.672	103.089
1.004	14.767			
3/20/2016 12:40:00 AM	391200.000	13.057	17.661	29.761
9702.518	11284.362	6.477	7673.367	103.066
1.004	14.765			
3/20/2016 12:45:00 AM	391500.000	13.061	17.661	29.770
9700.627	11282.117	6.475	7671.840	103.086
1.004	14.764			
3/20/2016 12:50:00 AM	391800.000	13.060	17.660	29.768
9702.676	11284.613	6.477	7673.537	103.064
1.004	14.765			
3/20/2016 12:55:00 AM	392100.000	13.061	17.662	29.771
9701.889	11283.432	6.476	7672.734	103.073
1.004	14.766			
3/20/2016 1:00:00 AM	392400.000	13.057	17.661	29.762
9701.882	11283.535	6.476	7672.804	103.073
1.004	14.768			
3/20/2016 1:05:00 AM	392700.000	13.057	17.661	29.760
9702.784	11284.648	6.477	7673.562	103.063
1.004	14.767			
3/20/2016 1:10:00 AM	393000.000	13.058	17.660	29.762
9703.709	11285.856	6.478	7674.383	103.053
1.004	14.766			
3/20/2016 1:15:00 AM	393300.000	13.064	17.660	29.777
9702.545	11284.461	6.477	7673.434	103.066
1.004	14.765			

3/20/2016 1:20:00 AM	393600.000	13.060	17.661	29.768
9703.289	11285.192	6.477	7673.931	103.058
1.004	14.765			
3/20/2016 1:25:00 AM	393900.000	13.061	17.661	29.770
9704.179	11286.271	6.478	7674.665	103.048
1.004	14.764			
3/20/2016 1:30:00 AM	394200.000	13.060	17.661	29.768
9700.882	11282.437	6.475	7672.058	103.083
1.004	14.764			
3/20/2016 1:35:00 AM	394500.000	13.063	17.662	29.776
9701.946	11283.476	6.476	7672.764	103.072
1.004	14.764			
3/20/2016 1:40:00 AM	394800.000	13.063	17.661	29.774
9703.042	11284.817	6.477	7673.676	103.060
1.004	14.764			
3/20/2016 1:45:00 AM	395100.000	13.063	17.660	29.774
9702.937	11285.000	6.477	7673.800	103.062
1.004	14.765			
3/20/2016 1:50:00 AM	395400.000	13.062	17.660	29.773
9702.629	11284.621	6.477	7673.543	103.065
1.004	14.766			
3/20/2016 1:55:00 AM	395700.000	13.061	17.660	29.770
9702.358	11284.351	6.477	7673.359	103.068
1.004	14.768			
3/20/2016 2:00:00 AM	396000.000	13.065	17.661	29.779
9705.491	11287.708	6.479	7675.642	103.034
1.004	14.770			
3/20/2016 2:05:00 AM	396300.000	13.061	17.661	29.770
9703.742	11285.674	6.477	7674.259	103.053
1.004	14.769			
3/20/2016 2:10:00 AM	396600.000	13.062	17.660	29.773
9703.147	11285.162	6.477	7673.911	103.059
1.004	14.768			
3/20/2016 2:15:00 AM	396900.000	13.061	17.661	29.771
9703.072	11284.939	6.477	7673.759	103.060
1.004	14.767			
3/20/2016 2:20:00 AM	397200.000	13.060	17.661	29.768
9705.000	11287.249	6.478	7675.330	103.040
1.004	14.768			
3/20/2016 2:25:00 AM	397500.000	13.060	17.661	29.768
9705.350	11287.543	6.479	7675.529	103.036
1.004	14.769			
3/20/2016 2:30:00 AM	397800.000	13.059	17.661	29.766
9704.064	11286.138	6.478	7674.574	103.050
1.004	14.770			
3/20/2016 2:35:00 AM	398100.000	13.058	17.661	29.763
9704.351	11286.494	6.478	7674.816	103.047
1.004	14.772			
3/20/2016 2:40:00 AM	398400.000	13.062	17.661	29.772
9702.634	11284.497	6.477	7673.458	103.065
1.004	14.773			
3/20/2016 2:45:00 AM	398700.000	13.061	17.660	29.769
9704.721	11286.991	6.478	7675.155	103.043
1.004	14.775			
3/20/2016 2:50:00 AM	399000.000	13.059	17.661	29.765
9702.603	11284.461	6.477	7673.434	103.065
1.004	14.772			
3/20/2016 2:55:00 AM	399300.000	13.063	17.660	29.775

9703.170	11285.251	6.477	7673.971	103.059
1.004	14.770			
3/20/2016 3:00:00 AM	399600.000	13.064	17.661	29.777
9704.043	11286.157	6.478	7674.587	103.050
1.004	14.767			
3/20/2016 3:05:00 AM	399900.000	13.061	17.661	29.770
9704.733	11286.872	6.478	7675.074	103.043
1.004	14.769			
3/20/2016 3:10:00 AM	400200.000	13.059	17.661	29.767
9703.479	11285.434	6.477	7674.095	103.056
1.004	14.771			
3/20/2016 3:15:00 AM	400500.000	13.056	17.660	29.758
9704.572	11286.882	6.478	7675.080	103.044
1.004	14.773			
3/20/2016 3:20:00 AM	400800.000	13.058	17.661	29.763
9704.541	11286.736	6.478	7674.981	103.045
1.004	14.770			
3/20/2016 3:25:00 AM	401100.000	13.061	17.660	29.770
9705.220	11287.679	6.479	7675.622	103.037
1.004	14.768			
3/20/2016 3:30:00 AM	401400.000	13.068	17.661	29.786
9703.357	11285.381	6.477	7674.060	103.057
1.004	14.765			
3/20/2016 3:35:00 AM	401700.000	13.063	17.661	29.775
9705.090	11287.396	6.478	7675.429	103.039
1.004	14.764			
3/20/2016 3:40:00 AM	402000.000	13.065	17.660	29.779
9704.586	11286.876	6.478	7675.076	103.044
1.004	14.763			
3/20/2016 3:45:00 AM	402300.000	13.065	17.661	29.780
9705.488	11287.817	6.479	7675.716	103.034
1.004	14.763			
3/20/2016 3:50:00 AM	402600.000	13.066	17.660	29.781
9704.430	11286.716	6.478	7674.967	103.046
1.004	14.761			
3/20/2016 3:55:00 AM	402900.000	13.069	17.661	29.789
9704.313	11286.363	6.478	7674.728	103.047
1.004	14.760			
3/20/2016 4:00:00 AM	403200.000	13.071	17.661	29.793
9704.618	11286.781	6.478	7675.012	103.044
1.004	14.758			
3/20/2016 4:05:00 AM	403500.000	13.071	17.661	29.794
9705.269	11287.474	6.479	7675.482	103.037
1.004	14.759			
3/20/2016 4:10:00 AM	403800.000	13.069	17.660	29.787
9705.352	11287.744	6.479	7675.667	103.036
1.004	14.760			
3/20/2016 4:15:00 AM	404100.000	13.068	17.661	29.787
9705.271	11287.563	6.479	7675.544	103.037
1.004	14.762			
3/20/2016 4:20:00 AM	404400.000	13.068	17.661	29.787
9705.171	11287.401	6.478	7675.434	103.038
1.004	14.762			
3/20/2016 4:25:00 AM	404700.000	13.068	17.660	29.786
9706.083	11288.617	6.479	7676.260	103.028
1.004	14.763			
3/20/2016 4:30:00 AM	405000.000	13.067	17.661	29.783
9704.214	11286.203	6.478	7674.619	103.048



1.004	14.763			
3/20/2016 4:35:00 AM	405300.000	13.065	17.661	29.780
9705.124	11287.261	6.478	7675.338	103.038
1.004	14.764			
3/20/2016 4:40:00 AM	405600.000	13.065	17.661	29.779
9705.008	11287.234	6.478	7675.320	103.040
1.004	14.765			
3/20/2016 4:45:00 AM	405900.000	13.064	17.661	29.777
9704.671	11286.799	6.478	7675.024	103.043
1.004	14.766			
3/20/2016 4:50:00 AM	406200.000	13.066	17.661	29.782
9707.081	11289.557	6.480	7676.899	103.018
1.004	14.763			
3/20/2016 4:55:00 AM	406500.000	13.069	17.660	29.788
9704.062	11286.225	6.478	7674.633	103.050
1.004	14.761			
3/20/2016 5:00:00 AM	406800.000	13.071	17.661	29.792
9706.017	11288.408	6.479	7676.118	103.029
1.004	14.758			
3/20/2016 5:05:00 AM	407100.000	13.072	17.661	29.795
9702.826	11284.697	6.477	7673.594	103.063
1.004	14.758			
3/20/2016 5:10:00 AM	407400.000	13.072	17.661	29.796
9704.984	11287.231	6.478	7675.318	103.040
1.004	14.758			
3/20/2016 5:15:00 AM	407700.000	13.072	17.662	29.796
9706.551	11288.830	6.479	7676.404	103.023
1.004	14.758			
3/20/2016 5:20:00 AM	408000.000	13.072	17.660	29.794
9705.928	11288.414	6.479	7676.122	103.030
1.004	14.760			
3/20/2016 5:25:00 AM	408300.000	13.071	17.661	29.793
9704.803	11286.865	6.478	7675.069	103.042
1.004	14.761			
3/20/2016 5:30:00 AM	408600.000	13.070	17.661	29.792
9705.745	11288.003	6.479	7675.843	103.032
1.004	14.762			
3/20/2016 5:35:00 AM	408900.000	13.070	17.661	29.790
9704.499	11286.579	6.478	7674.875	103.045
1.004	14.764			
3/20/2016 5:40:00 AM	409200.000	13.067	17.661	29.784
9706.040	11288.346	6.479	7676.076	103.029
1.004	14.765			
3/20/2016 5:45:00 AM	409500.000	13.065	17.661	29.780
9705.041	11287.297	6.478	7675.362	103.039
1.004	14.767			
3/20/2016 5:50:00 AM	409800.000	13.072	17.661	29.796
9705.096	11287.382	6.478	7675.420	103.039
1.004	14.767			
3/20/2016 5:55:00 AM	410100.000	13.068	17.660	29.786
9705.047	11287.371	6.478	7675.413	103.039
1.004	14.766			
3/20/2016 6:00:00 AM	410400.000	13.067	17.660	29.783
9704.898	11287.198	6.478	7675.295	103.041
1.004	14.765			
3/20/2016 6:05:00 AM	410700.000	13.068	17.661	29.786
9704.560	11286.758	6.478	7674.996	103.044
1.004	14.764			

3/20/2016 6:10:00 AM	411000.000	13.070	17.660	29.791
9706.024	11288.526	6.479	7676.198	103.029
1.004	14.763			
3/20/2016 6:15:00 AM	411300.000	13.070	17.661	29.790
9706.083	11288.421	6.479	7676.127	103.028
1.004	14.762			
3/20/2016 6:20:00 AM	411600.000	13.073	17.660	29.797
9705.253	11287.610	6.479	7675.576	103.037
1.004	14.761			
3/20/2016 6:25:00 AM	411900.000	13.073	17.661	29.798
9704.559	11286.623	6.478	7674.904	103.044
1.004	14.760			
3/20/2016 6:30:00 AM	412200.000	13.074	17.660	29.800
9704.737	11287.011	6.478	7675.168	103.042
1.004	14.759			
3/20/2016 6:35:00 AM	412500.000	13.073	17.661	29.798
9703.051	11284.915	6.477	7673.743	103.060
1.004	14.761			
3/20/2016 6:40:00 AM	412800.000	13.071	17.660	29.794
9705.437	11287.908	6.479	7675.778	103.035
1.004	14.764			
3/20/2016 6:45:00 AM	413100.000	13.072	17.660	29.795
9705.436	11287.823	6.479	7675.720	103.035
1.004	14.766			
3/20/2016 6:50:00 AM	413400.000	13.071	17.661	29.793
9702.560	11284.344	6.477	7673.354	103.066
1.004	14.766			
3/20/2016 6:55:00 AM	413700.000	13.070	17.660	29.791
9704.075	11286.324	6.478	7674.701	103.049
1.004	14.766			
3/20/2016 7:00:00 AM	414000.000	13.069	17.660	29.789
9705.909	11288.437	6.479	7676.137	103.030
1.004	14.767			
3/20/2016 7:05:00 AM	414300.000	13.069	17.661	29.788
9703.300	11285.248	6.477	7673.969	103.058
1.004	14.767			
3/20/2016 7:10:00 AM	414600.000	13.072	17.660	29.794
9704.373	11286.629	6.478	7674.908	103.046
1.004	14.767			
3/20/2016 7:15:00 AM	414900.000	13.071	17.661	29.793
9703.794	11285.889	6.478	7674.405	103.052
1.004	14.766			
3/20/2016 7:20:00 AM	415200.000	13.074	17.661	29.800
9703.761	11285.851	6.478	7674.379	103.053
1.004	14.765			
3/20/2016 7:25:00 AM	415500.000	13.076	17.661	29.803
9704.283	11286.458	6.478	7674.792	103.047
1.004	14.763			
3/20/2016 7:30:00 AM	415800.000	13.078	17.661	29.808
9704.022	11286.066	6.478	7674.526	103.050
1.004	14.761			
3/20/2016 7:35:00 AM	416100.000	13.079	17.661	29.811
9706.083	11288.530	6.479	7676.201	103.028
1.004	14.761			
3/20/2016 7:40:00 AM	416400.000	13.078	17.661	29.809
9704.836	11286.945	6.478	7675.123	103.041
1.004	14.762			
3/20/2016 7:45:00 AM	416700.000	13.076	17.661	29.805

9704.506	11286.651	6.478	7674.923	103.045
1.004	14.762			
3/20/2016 7:50:00 AM	417000.000	13.075	17.660	29.802
9704.115	11286.415	6.478	7674.763	103.049
1.004	14.765			
3/20/2016 7:55:00 AM	417300.000	13.072	17.660	29.795
9704.008	11286.204	6.478	7674.619	103.050
1.004	14.768			
3/20/2016 8:00:00 AM	417600.000	13.069	17.661	29.788
9704.334	11286.451	6.478	7674.788	103.047
1.004	14.771			
3/20/2016 8:05:00 AM	417900.000	13.070	17.661	29.792
9704.468	11286.630	6.478	7674.909	103.045
1.004	14.770			
3/20/2016 8:10:00 AM	418200.000	13.071	17.660	29.793
9704.253	11286.489	6.478	7674.813	103.048
1.004	14.770			
3/20/2016 8:15:00 AM	418500.000	13.071	17.661	29.793
9703.266	11285.274	6.477	7673.987	103.058
1.004	14.769			
3/20/2016 8:20:00 AM	418800.000	13.071	17.661	29.793
9704.569	11286.770	6.478	7675.004	103.044
1.004	14.769			
3/20/2016 8:25:00 AM	419100.000	13.073	17.661	29.796
9702.189	11284.002	6.476	7673.122	103.070
1.004	14.769			
3/20/2016 8:30:00 AM	419400.000	13.071	17.661	29.793
9702.933	11284.799	6.477	7673.664	103.062
1.004	14.769			
3/20/2016 8:35:00 AM	419700.000	13.072	17.660	29.795
9703.045	11285.084	6.477	7673.858	103.060
1.004	14.770			
3/20/2016 8:40:00 AM	420000.000	13.072	17.661	29.794
9701.547	11283.275	6.476	7672.628	103.076
1.004	14.770			
3/20/2016 8:45:00 AM	420300.000	13.075	17.660	29.803
9700.769	11282.479	6.475	7672.086	103.085
1.004	14.770			
3/20/2016 8:50:00 AM	420600.000	13.071	17.661	29.792
9701.093	11282.659	6.476	7672.209	103.081
1.004	14.771			
3/20/2016 8:55:00 AM	420900.000	13.073	17.661	29.797
9704.141	11286.292	6.478	7674.679	103.049
1.004	14.771			
3/20/2016 9:00:00 AM	421200.000	13.072	17.660	29.795
9702.387	11284.360	6.477	7673.366	103.067
1.004	14.772			
3/20/2016 9:05:00 AM	421500.000	13.073	17.661	29.797
9701.317	11282.834	6.476	7672.328	103.079
1.004	14.772			
3/20/2016 9:10:00 AM	421800.000	13.073	17.661	29.796
9701.224	11282.744	6.476	7672.267	103.080
1.004	14.772			
3/20/2016 9:15:00 AM	422100.000	13.072	17.661	29.795
9702.204	11283.885	6.476	7673.042	103.069
1.004	14.772			
3/20/2016 9:20:00 AM	422400.000	13.079	17.660	29.810
9698.197	11279.467	6.474	7670.038	103.112

1.004	14.770			
3/20/2016 9:25:00 AM	422700.000	13.075	17.660	29.803
9702.333	11284.215	6.477	7673.267	103.068
1.004	14.769			
3/20/2016 9:30:00 AM	423000.000	13.077	17.661	29.807
9697.373	11278.333	6.473	7669.267	103.121
1.004	14.767			
3/20/2016 9:35:00 AM	423300.000	13.077	17.660	29.806
9698.051	11279.253	6.473	7669.892	103.114
1.004	14.768			
3/20/2016 9:40:00 AM	423600.000	13.077	17.661	29.807
9698.793	11279.984	6.474	7670.390	103.106
1.004	14.770			
3/20/2016 9:45:00 AM	423900.000	13.075	17.661	29.802
9697.548	11278.450	6.473	7669.346	103.119
1.004	14.771			
3/20/2016 9:50:00 AM	424200.000	13.075	17.661	29.803
9696.522	11277.214	6.472	7668.506	103.130
1.004	14.772			
3/20/2016 9:55:00 AM	424500.000	13.075	17.661	29.802
9697.161	11278.065	6.473	7669.085	103.123
1.004	14.773			
3/20/2016 10:00:00 AM	424800.000	13.076	17.660	29.805
9697.652	11278.790	6.473	7669.578	103.118
1.004	14.773			
3/20/2016 10:05:00 AM	425100.000	13.079	17.661	29.812
9694.908	11275.466	6.471	7667.317	103.147
1.004	14.771			
3/20/2016 10:10:00 AM	425400.000	13.081	17.661	29.816
9696.873	11277.751	6.473	7668.871	103.126
1.004	14.769			
3/20/2016 10:15:00 AM	425700.000	13.088	17.661	29.832
9695.757	11276.521	6.472	7668.035	103.138
1.004	14.767			
3/20/2016 10:20:00 AM	426000.000	13.082	17.661	29.818
9696.189	11276.956	6.472	7668.331	103.133
1.004	14.769			
3/20/2016 10:25:00 AM	426300.000	13.081	17.661	29.816
9693.382	11273.690	6.470	7666.109	103.163
1.004	14.771			
3/20/2016 10:30:00 AM	426600.000	13.077	17.660	29.806
9695.555	11276.415	6.472	7667.962	103.140
1.004	14.773			
3/20/2016 10:35:00 AM	426900.000	13.078	17.661	29.808
9695.909	11276.676	6.472	7668.140	103.136
1.004	14.773			
3/20/2016 10:40:00 AM	427200.000	13.077	17.661	29.806
9695.648	11276.415	6.472	7667.962	103.139
1.004	14.774			
3/20/2016 10:45:00 AM	427500.000	13.078	17.660	29.809
9693.981	11274.585	6.471	7666.718	103.157
1.004	14.774			
3/20/2016 10:50:00 AM	427800.000	13.079	17.661	29.812
9694.749	11275.327	6.471	7667.223	103.149
1.004	14.773			
3/20/2016 10:55:00 AM	428100.000	13.082	17.661	29.818
9694.366	11274.858	6.471	7666.904	103.153
1.004	14.771			

3/20/2016 11:00:00 AM	428400.000	13.085	17.662	29.826
9693.571	11273.759	6.470	7666.157	103.161
1.004	14.770			
3/20/2016 11:05:00 AM	428700.000	13.080	17.661	29.814
9693.584	11273.885	6.470	7666.242	103.161
1.004	14.769			
3/20/2016 11:10:00 AM	429000.000	13.082	17.661	29.818
9694.167	11274.495	6.471	7666.657	103.155
1.004	14.768			
3/20/2016 11:15:00 AM	429300.000	13.081	17.660	29.816
9693.305	11273.714	6.470	7666.126	103.164
1.004	14.767			
3/20/2016 11:20:00 AM	429600.000	13.080	17.661	29.814
9692.977	11273.110	6.470	7665.716	103.167
1.004	14.769			
3/20/2016 11:25:00 AM	429900.000	13.079	17.661	29.810
9692.674	11272.801	6.469	7665.505	103.171
1.004	14.771			
3/20/2016 11:30:00 AM	430200.000	13.077	17.661	29.808
9691.844	11271.948	6.469	7664.925	103.180
1.004	14.773			
3/20/2016 11:35:00 AM	430500.000	13.079	17.661	29.811
9692.206	11272.369	6.469	7665.211	103.176
1.004	14.772			
3/20/2016 11:40:00 AM	430800.000	13.079	17.661	29.812
9692.385	11272.599	6.469	7665.368	103.174
1.004	14.771			
3/20/2016 11:45:00 AM	431100.000	13.082	17.661	29.819
9692.645	11272.725	6.469	7665.453	103.171
1.004	14.770			
3/20/2016 11:50:00 AM	431400.000	13.082	17.660	29.818
9692.086	11272.338	6.469	7665.190	103.177
1.004	14.770			
3/20/2016 11:55:00 AM	431700.000	13.083	17.661	29.820
9692.591	11272.771	6.469	7665.484	103.172
1.004	14.770			
3/20/2016 12:00:00 PM	432000.000	13.083	17.660	29.820
9692.329	11272.599	6.469	7665.368	103.174
1.004	14.769			
3/20/2016 12:05:00 PM	432300.000	13.081	17.661	29.817
9691.407	11271.285	6.469	7664.475	103.184
1.004	14.771			
3/20/2016 12:10:00 PM	432600.000	13.081	17.660	29.816
9692.343	11272.596	6.469	7665.366	103.174
1.004	14.773			
3/20/2016 12:15:00 PM	432900.000	13.080	17.661	29.814
9691.237	11271.243	6.469	7664.446	103.186
1.004	14.775			
3/20/2016 12:20:00 PM	433200.000	13.081	17.661	29.816
9689.683	11269.456	6.467	7663.230	103.203
1.004	14.775			
3/20/2016 12:25:00 PM	433500.000	13.083	17.661	29.820
9690.311	11270.119	6.468	7663.682	103.196
1.004	14.774			
3/20/2016 12:30:00 PM	433800.000	13.084	17.661	29.823
9689.356	11269.056	6.467	7662.958	103.206
1.004	14.774			
3/20/2016 12:35:00 PM	434100.000	13.082	17.660	29.819

9691.884	11272.104	6.469	7665.030	103.179
1.004	14.775			
3/20/2016 12:40:00 PM	434400.000	13.081	17.660	29.816
9690.637	11270.695	6.468	7664.073	103.192
1.004	14.776			
3/20/2016 12:45:00 PM	434700.000	13.080	17.661	29.814
9689.411	11269.031	6.467	7662.942	103.205
1.004	14.778			
3/20/2016 12:50:00 PM	435000.000	13.079	17.661	29.812
9689.921	11269.580	6.467	7663.315	103.200
1.004	14.779			
3/20/2016 12:55:00 PM	435300.000	13.078	17.660	29.808
9690.996	11271.070	6.468	7664.329	103.189
1.004	14.780			
3/20/2016 1:00:00 PM	435600.000	13.081	17.661	29.816
9689.360	11269.036	6.467	7662.945	103.206
1.004	14.781			
3/20/2016 1:05:00 PM	435900.000	13.079	17.661	29.811
9689.926	11269.563	6.467	7663.303	103.200
1.004	14.778			
3/20/2016 1:10:00 PM	436200.000	13.081	17.661	29.817
9689.380	11269.104	6.467	7662.991	103.206
1.004	14.775			
3/20/2016 1:15:00 PM	436500.000	13.083	17.661	29.819
9688.570	11268.162	6.467	7662.351	103.214
1.004	14.773			
3/20/2016 1:20:00 PM	436800.000	13.083	17.661	29.820
9688.718	11268.267	6.467	7662.422	103.213
1.004	14.773			
3/20/2016 1:25:00 PM	437100.000	13.085	17.661	29.826
9688.374	11267.846	6.466	7662.136	103.216
1.004	14.773			
3/20/2016 1:30:00 PM	437400.000	13.083	17.661	29.820
9689.314	11268.894	6.467	7662.848	103.206
1.004	14.773			
3/20/2016 1:35:00 PM	437700.000	13.082	17.661	29.817
9688.120	11267.659	6.466	7662.009	103.219
1.004	14.772			
3/20/2016 1:40:00 PM	438000.000	13.084	17.661	29.822
9686.667	11265.795	6.465	7660.741	103.235
1.004	14.772			
3/20/2016 1:45:00 PM	438300.000	13.085	17.661	29.825
9688.380	11267.873	6.466	7662.154	103.216
1.004	14.771			
3/20/2016 1:50:00 PM	438600.000	13.086	17.661	29.826
9689.147	11268.854	6.467	7662.822	103.208
1.004	14.771			
3/20/2016 1:55:00 PM	438900.000	13.084	17.661	29.823
9687.145	11266.328	6.465	7661.103	103.230
1.004	14.771			
3/20/2016 2:00:00 PM	439200.000	13.084	17.660	29.822
9687.531	11267.083	6.466	7661.617	103.225
1.004	14.771			
3/20/2016 2:05:00 PM	439500.000	13.084	17.661	29.823
9685.525	11264.487	6.464	7659.852	103.247
1.004	14.769			
3/20/2016 2:10:00 PM	439800.000	13.086	17.661	29.827
9685.856	11264.938	6.465	7660.159	103.243

1.004	14.767			
3/20/2016 2:15:00 PM	440100.000	13.089	17.661	29.834
9686.865	11266.045	6.465	7660.911	103.233
1.004	14.764			
3/20/2016 2:20:00 PM	440400.000	13.088	17.660	29.831
9687.223	11266.641	6.466	7661.316	103.229
1.004	14.766			
3/20/2016 2:25:00 PM	440700.000	13.085	17.661	29.825
9685.565	11264.600	6.464	7659.928	103.246
1.004	14.769			
3/20/2016 2:30:00 PM	441000.000	13.083	17.660	29.821
9686.648	11265.973	6.465	7660.861	103.235
1.004	14.771			
3/20/2016 2:35:00 PM	441300.000	13.085	17.661	29.824
9685.778	11264.870	6.465	7660.112	103.244
1.004	14.769			
3/20/2016 2:40:00 PM	441600.000	13.086	17.661	29.828
9684.888	11263.812	6.464	7659.393	103.254
1.004	14.767			
3/20/2016 2:45:00 PM	441900.000	13.088	17.661	29.832
9685.875	11264.919	6.465	7660.146	103.243
1.004	14.766			
3/20/2016 2:50:00 PM	442200.000	13.087	17.660	29.830
9685.140	11264.324	6.464	7659.741	103.251
1.004	14.766			
3/20/2016 2:55:00 PM	442500.000	13.087	17.661	29.829
9685.410	11264.398	6.464	7659.792	103.248
1.004	14.766			
3/20/2016 3:00:00 PM	442800.000	13.088	17.661	29.830
9685.618	11264.729	6.464	7660.016	103.246
1.004	14.766			
3/20/2016 3:05:00 PM	443100.000	13.088	17.661	29.831
9683.416	11262.101	6.463	7658.229	103.269
1.004	14.765			
3/20/2016 3:10:00 PM	443400.000	13.087	17.662	29.829
9682.529	11260.894	6.462	7657.408	103.279
1.004	14.764			
3/20/2016 3:15:00 PM	443700.000	13.093	17.660	29.843
9685.447	11264.682	6.464	7659.983	103.248
1.004	14.763			
3/20/2016 3:20:00 PM	444000.000	13.089	17.660	29.835
9684.256	11263.190	6.464	7658.970	103.260
1.004	14.763			
3/20/2016 3:25:00 PM	444300.000	13.088	17.661	29.832
9683.558	11262.179	6.463	7658.282	103.268
1.004	14.764			
3/20/2016 3:30:00 PM	444600.000	13.092	17.661	29.841
9684.094	11262.847	6.463	7658.736	103.262
1.004	14.764			
3/20/2016 3:35:00 PM	444900.000	13.085	17.661	29.825
9684.948	11263.861	6.464	7659.426	103.253
1.004	14.766			
3/20/2016 3:40:00 PM	445200.000	13.087	17.661	29.830
9682.781	11261.408	6.462	7657.758	103.276
1.004	14.768			
3/20/2016 3:45:00 PM	445500.000	13.079	17.661	29.810
9682.473	11260.937	6.462	7657.438	103.279
1.004	14.771			

3/20/2016 3:50:00 PM	445800.000	13.083	17.661	29.819
9681.504	11259.943	6.462	7656.762	103.290
1.004	14.767			
3/20/2016 3:55:00 PM	446100.000	13.086	17.661	29.827
9681.446	11259.788	6.461	7656.656	103.290
1.004	14.763			
3/20/2016 4:00:00 PM	446400.000	13.090	17.660	29.837
9681.626	11260.215	6.462	7656.947	103.288
1.004	14.760			
3/20/2016 4:05:00 PM	446700.000	13.088	17.661	29.832
9681.831	11260.345	6.462	7657.035	103.286
1.004	14.761			
3/20/2016 4:10:00 PM	447000.000	13.089	17.661	29.834
9682.511	11261.094	6.462	7657.544	103.279
1.004	14.762			
3/20/2016 4:15:00 PM	447300.000	13.087	17.661	29.828
9682.801	11261.344	6.462	7657.714	103.276
1.004	14.764			
3/20/2016 4:20:00 PM	447600.000	13.089	17.661	29.833
9681.510	11259.883	6.461	7656.721	103.290
1.004	14.762			
3/20/2016 4:25:00 PM	447900.000	13.090	17.660	29.835
9680.128	11258.431	6.461	7655.733	103.304
1.004	14.761			
3/20/2016 4:30:00 PM	448200.000	13.097	17.661	29.852
9680.933	11259.234	6.461	7656.280	103.296
1.004	14.760			
3/20/2016 4:35:00 PM	448500.000	13.090	17.662	29.836
9679.541	11257.354	6.460	7655.000	103.311
1.004	14.763			
3/20/2016 4:40:00 PM	448800.000	13.088	17.661	29.831
9680.563	11258.782	6.461	7655.973	103.300
1.004	14.767			
3/20/2016 4:45:00 PM	449100.000	13.082	17.661	29.819
9678.482	11256.385	6.459	7654.342	103.322
1.004	14.770			
3/20/2016 4:50:00 PM	449400.000	13.085	17.660	29.824
9679.435	11257.583	6.460	7655.157	103.312
1.004	14.769			
3/20/2016 4:55:00 PM	449700.000	13.084	17.661	29.822
9678.415	11256.176	6.459	7654.200	103.323
1.004	14.768			
3/20/2016 5:00:00 PM	450000.000	13.089	17.660	29.834
9678.527	11256.527	6.459	7654.439	103.322
1.004	14.767			
3/20/2016 5:05:00 PM	450300.000	13.089	17.661	29.833
9676.487	11254.001	6.458	7652.721	103.343
1.004	14.767			
3/20/2016 5:10:00 PM	450600.000	13.088	17.661	29.831
9675.943	11253.280	6.457	7652.231	103.349
1.004	14.768			
3/20/2016 5:15:00 PM	450900.000	13.088	17.661	29.831
9676.358	11253.892	6.458	7652.647	103.345
1.004	14.768			
3/20/2016 5:20:00 PM	451200.000	13.087	17.660	29.830
9677.488	11255.338	6.459	7653.630	103.333
1.004	14.766			
3/20/2016 5:25:00 PM	451500.000	13.088	17.660	29.833



9676.506	11254.283	6.458	7652.913	103.343
1.004	14.765			
3/20/2016 5:30:00 PM	451800.000	13.090	17.661	29.837
9674.117	11251.285	6.456	7650.875	103.369
1.004	14.763			
3/20/2016 5:35:00 PM	452100.000	13.092	17.661	29.840
9675.684	11253.195	6.457	7652.173	103.352
1.004	14.762			
3/20/2016 5:40:00 PM	452400.000	13.093	17.660	29.843
9673.616	11250.878	6.456	7650.598	103.374
1.004	14.761			
3/20/2016 5:45:00 PM	452700.000	13.094	17.662	29.846
9672.185	11248.862	6.455	7649.227	103.389
1.004	14.761			
3/20/2016 5:50:00 PM	453000.000	13.093	17.661	29.843
9671.998	11248.820	6.455	7649.198	103.391
1.004	14.762			
3/20/2016 5:55:00 PM	453300.000	13.093	17.661	29.843
9670.125	11246.665	6.453	7647.733	103.411
1.004	14.762			
3/20/2016 6:00:00 PM	453600.000	13.093	17.661	29.842
9671.582	11248.315	6.454	7648.854	103.396
1.004	14.763			
3/20/2016 6:05:00 PM	453900.000	13.093	17.661	29.843
9670.780	11247.472	6.454	7648.281	103.404
1.004	14.763			
3/20/2016 6:10:00 PM	454200.000	13.092	17.661	29.841
9669.885	11246.297	6.453	7647.482	103.414
1.004	14.764			
3/20/2016 6:15:00 PM	454500.000	13.091	17.661	29.839
9670.187	11246.673	6.453	7647.738	103.411
1.004	14.764			
3/20/2016 6:20:00 PM	454800.000	13.092	17.661	29.841
9668.276	11244.560	6.452	7646.301	103.431
1.004	14.765			
3/20/2016 6:25:00 PM	455100.000	13.093	17.660	29.843
9668.238	11244.562	6.452	7646.302	103.431
1.004	14.766			
3/20/2016 6:30:00 PM	455400.000	13.093	17.661	29.844
9666.858	11242.932	6.451	7645.193	103.446
1.004	14.767			
3/20/2016 6:35:00 PM	455700.000	13.092	17.660	29.841
9668.175	11244.570	6.452	7646.309	103.432
1.004	14.768			
3/20/2016 6:40:00 PM	456000.000	13.092	17.660	29.840
9665.473	11241.386	6.450	7644.143	103.461
1.004	14.768			
3/20/2016 6:45:00 PM	456300.000	13.093	17.660	29.843
9666.986	11243.124	6.451	7645.325	103.445
1.004	14.769			
3/20/2016 6:50:00 PM	456600.000	13.094	17.661	29.845
9666.117	11241.852	6.450	7644.459	103.454
1.004	14.769			
3/20/2016 6:55:00 PM	456900.000	13.095	17.661	29.848
9663.873	11239.371	6.449	7642.772	103.478
1.004	14.769			
3/20/2016 7:00:00 PM	457200.000	13.100	17.660	29.859
9663.587	11239.170	6.449	7642.636	103.481

1.004	14.769			
3/20/2016 7:05:00 PM	457500.000	13.094	17.661	29.845
9662.249	11237.482	6.448	7641.489	103.496
1.004	14.771			
3/20/2016 7:10:00 PM	457800.000	13.091	17.662	29.839
9661.651	11236.568	6.447	7640.867	103.502
1.004	14.772			
3/20/2016 7:15:00 PM	458100.000	13.094	17.661	29.845
9660.646	11235.642	6.447	7640.237	103.513
1.004	14.774			
3/20/2016 7:20:00 PM	458400.000	13.092	17.661	29.841
9659.058	11233.729	6.445	7638.937	103.530
1.004	14.772			
3/20/2016 7:25:00 PM	458700.000	13.094	17.661	29.844
9660.372	11235.191	6.446	7639.931	103.516
1.004	14.770			
3/20/2016 7:30:00 PM	459000.000	13.096	17.661	29.850
9659.927	11234.827	6.446	7639.683	103.520
1.004	14.768			
3/20/2016 7:35:00 PM	459300.000	13.096	17.661	29.851
9660.002	11234.936	6.446	7639.757	103.520
1.004	14.768			
3/20/2016 7:40:00 PM	459600.000	13.096	17.661	29.849
9659.700	11234.477	6.446	7639.445	103.523
1.004	14.768			
3/20/2016 7:45:00 PM	459900.000	13.097	17.661	29.852
9657.310	11231.652	6.444	7637.523	103.549
1.004	14.768			
3/20/2016 7:50:00 PM	460200.000	13.096	17.661	29.850
9658.131	11232.563	6.445	7638.144	103.540
1.004	14.768			
3/20/2016 7:55:00 PM	460500.000	13.097	17.661	29.851
9655.877	11230.117	6.443	7636.480	103.564
1.004	14.769			
3/20/2016 8:00:00 PM	460800.000	13.096	17.661	29.851
9657.541	11231.940	6.444	7637.720	103.546
1.004	14.770			
3/20/2016 8:05:00 PM	461100.000	13.097	17.662	29.853
9654.249	11228.026	6.442	7635.059	103.581
1.004	14.771			
3/20/2016 8:10:00 PM	461400.000	13.097	17.661	29.853
9654.820	11228.802	6.442	7635.586	103.575
1.004	14.773			
3/20/2016 8:15:00 PM	461700.000	13.095	17.661	29.848
9653.219	11226.979	6.441	7634.347	103.592
1.004	14.775			
3/20/2016 8:20:00 PM	462000.000	13.093	17.661	29.844
9653.989	11227.898	6.442	7634.972	103.584
1.004	14.778			
3/20/2016 8:25:00 PM	462300.000	13.090	17.661	29.835
9650.898	11224.152	6.439	7632.424	103.617
1.004	14.781			
3/20/2016 8:30:00 PM	462600.000	13.087	17.660	29.830
9651.036	11224.573	6.440	7632.710	103.616
1.004	14.784			
3/20/2016 8:35:00 PM	462900.000	13.090	17.661	29.837
9652.113	11225.740	6.440	7633.504	103.604
1.004	14.780			

3/20/2016 8:40:00 PM	463200.000	13.092	17.661	29.841
9652.336	11226.021	6.441	7633.694	103.602
1.004	14.777			
3/20/2016 8:45:00 PM	463500.000	13.097	17.660	29.852
9650.434	11223.937	6.439	7632.277	103.622
1.004	14.774			
3/20/2016 8:50:00 PM	463800.000	13.097	17.660	29.851
9650.531	11224.009	6.439	7632.327	103.621
1.004	14.775			
3/20/2016 8:55:00 PM	464100.000	13.096	17.661	29.851
9647.958	11220.732	6.437	7630.098	103.649
1.004	14.775			
3/20/2016 9:00:00 PM	464400.000	13.096	17.660	29.850
9649.247	11222.557	6.438	7631.338	103.635
1.004	14.776			
3/20/2016 9:05:00 PM	464700.000	13.096	17.661	29.851
9648.875	11221.950	6.438	7630.927	103.639
1.004	14.776			
3/20/2016 9:10:00 PM	465000.000	13.096	17.660	29.851
9647.184	11220.092	6.437	7629.663	103.657
1.004	14.775			
3/20/2016 9:15:00 PM	465300.000	13.095	17.662	29.846
9647.525	11220.207	6.437	7629.741	103.654
1.004	14.775			
3/20/2016 9:20:00 PM	465600.000	13.096	17.660	29.849
9645.658	11218.383	6.436	7628.501	103.674
1.004	14.773			
3/20/2016 9:25:00 PM	465900.000	13.096	17.660	29.850
9645.204	11217.813	6.435	7628.113	103.678
1.004	14.772			
3/20/2016 9:30:00 PM	466200.000	13.098	17.661	29.854
9648.005	11220.808	6.437	7630.150	103.648
1.004	14.771			
3/20/2016 9:35:00 PM	466500.000	13.100	17.661	29.860
9645.438	11218.020	6.436	7628.254	103.676
1.004	14.769			
3/20/2016 9:40:00 PM	466800.000	13.103	17.661	29.865
9645.287	11217.822	6.436	7628.120	103.678
1.004	14.768			
3/20/2016 9:45:00 PM	467100.000	13.105	17.660	29.871
9645.227	11217.798	6.435	7628.103	103.678
1.004	14.767			
3/20/2016 9:50:00 PM	467400.000	13.102	17.660	29.864
9645.055	11217.703	6.435	7628.039	103.680
1.004	14.769			
3/20/2016 9:55:00 PM	467700.000	13.106	17.662	29.874
9644.140	11216.227	6.435	7627.035	103.690
1.004	14.771			
3/20/2016 10:00:00 PM	468000.000	13.103	17.662	29.865
9642.786	11214.695	6.434	7625.993	103.704
1.004	14.773			
3/20/2016 10:05:00 PM	468300.000	13.098	17.661	29.853
9641.886	11213.845	6.433	7625.415	103.714
1.004	14.773			
3/20/2016 10:10:00 PM	468600.000	13.098	17.661	29.854
9642.182	11214.144	6.433	7625.618	103.711
1.004	14.773			
3/20/2016 10:15:00 PM	468900.000	13.099	17.662	29.857

9640.926	11212.531	6.432	7624.522	103.724
1.004	14.774			
3/20/2016 10:20:00 PM	469200.000	13.097	17.661	29.853
9642.538	11214.604	6.434	7625.931	103.707
1.004	14.774			
3/20/2016 10:25:00 PM	469500.000	13.098	17.661	29.855
9641.874	11213.656	6.433	7625.287	103.714
1.004	14.775			
3/20/2016 10:30:00 PM	469800.000	13.098	17.661	29.855
9642.005	11213.938	6.433	7625.478	103.713
1.004	14.776			
3/20/2016 10:35:00 PM	470100.000	13.100	17.661	29.858
9640.561	11212.346	6.432	7624.396	103.728
1.004	14.777			
3/20/2016 10:40:00 PM	470400.000	13.102	17.661	29.865
9641.812	11213.672	6.433	7625.297	103.715
1.004	14.778			
3/20/2016 10:45:00 PM	470700.000	13.097	17.660	29.852
9639.981	11211.738	6.432	7623.982	103.735
1.004	14.779			
3/20/2016 10:50:00 PM	471000.000	13.098	17.660	29.855
9640.589	11212.403	6.432	7624.435	103.728
1.004	14.779			
3/20/2016 10:55:00 PM	471300.000	13.098	17.660	29.855
9638.986	11210.559	6.431	7623.180	103.745
1.004	14.779			
3/20/2016 11:00:00 PM	471600.000	13.097	17.662	29.853
9641.324	11212.953	6.433	7624.808	103.720
1.004	14.779			
3/20/2016 11:05:00 PM	471900.000	13.098	17.661	29.854
9639.002	11210.491	6.431	7623.135	103.745
1.004	14.780			
3/20/2016 11:10:00 PM	472200.000	13.099	17.662	29.856
9638.953	11210.237	6.431	7622.962	103.746
1.004	14.780			
3/20/2016 11:15:00 PM	472500.000	13.099	17.661	29.856
9638.124	11209.403	6.430	7622.395	103.755
1.004	14.781			
3/20/2016 11:20:00 PM	472800.000	13.099	17.661	29.857
9640.076	11211.740	6.432	7623.984	103.734
1.004	14.781			
3/20/2016 11:25:00 PM	473100.000	13.097	17.661	29.852
9638.102	11209.421	6.430	7622.406	103.755
1.004	14.782			
3/20/2016 11:30:00 PM	473400.000	13.099	17.661	29.856
9640.277	11211.929	6.432	7624.112	103.731
1.004	14.782			
3/20/2016 11:35:00 PM	473700.000	13.099	17.661	29.857
9638.849	11210.334	6.431	7623.028	103.747
1.004	14.782			
3/20/2016 11:40:00 PM	474000.000	13.099	17.661	29.857
9636.829	11207.918	6.429	7621.385	103.769
1.004	14.782			
3/20/2016 11:45:00 PM	474300.000	13.099	17.661	29.857
9635.690	11206.616	6.429	7620.500	103.781
1.004	14.782			
3/20/2016 11:50:00 PM	474600.000	13.099	17.661	29.857
9636.013	11207.015	6.429	7620.771	103.777

1.004	14.781			
3/20/2016 11:55:00 PM	474900.000	13.100	17.661	29.859
9634.828	11205.550	6.428	7619.774	103.790
1.004	14.780			
3/21/2016 12:00:00 AM	475200.000	13.101	17.661	29.862
9634.926	11205.639	6.428	7619.835	103.789
1.004	14.779			
3/21/2016 12:05:00 AM	475500.000	13.106	17.660	29.874
9635.771	11206.800	6.429	7620.625	103.780
1.004	14.778			
3/21/2016 12:10:00 AM	475800.000	13.103	17.661	29.866
9633.927	11204.631	6.427	7619.149	103.800
1.004	14.777			
3/21/2016 12:15:00 AM	476100.000	13.103	17.661	29.867
9633.600	11204.250	6.427	7618.890	103.803
1.004	14.775			
3/21/2016 12:20:00 AM	476400.000	13.102	17.661	29.863
9633.438	11203.975	6.427	7618.703	103.805
1.004	14.776			
3/21/2016 12:25:00 AM	476700.000	13.102	17.661	29.863
9633.267	11203.709	6.427	7618.522	103.807
1.004	14.777			
3/21/2016 12:30:00 AM	477000.000	13.101	17.661	29.860
9632.683	11202.988	6.426	7618.032	103.813
1.004	14.777			
3/21/2016 12:35:00 AM	477300.000	13.105	17.661	29.870
9633.291	11203.850	6.427	7618.618	103.807
1.004	14.774			
3/21/2016 12:40:00 AM	477600.000	13.110	17.661	29.881
9630.830	11200.833	6.425	7616.567	103.833
1.004	14.771			
3/21/2016 12:45:00 AM	477900.000	13.112	17.661	29.885
9630.570	11200.661	6.425	7616.450	103.836
1.004	14.768			
3/21/2016 12:50:00 AM	478200.000	13.107	17.661	29.876
9630.214	11200.203	6.425	7616.139	103.840
1.004	14.772			
3/21/2016 12:55:00 AM	478500.000	13.104	17.662	29.868
9630.228	11200.047	6.425	7616.032	103.840
1.004	14.776			
3/21/2016 1:00:00 AM	478800.000	13.100	17.661	29.860
9630.264	11200.262	6.425	7616.179	103.839
1.004	14.780			
3/21/2016 1:05:00 AM	479100.000	13.102	17.661	29.865
9627.783	11197.313	6.423	7614.173	103.866
1.004	14.778			
3/21/2016 1:10:00 AM	479400.000	13.106	17.661	29.873
9627.793	11197.388	6.423	7614.224	103.866
1.004	14.776			
3/21/2016 1:15:00 AM	479700.000	13.108	17.662	29.876
9627.357	11196.663	6.422	7613.731	103.871
1.004	14.774			
3/21/2016 1:20:00 AM	480000.000	13.109	17.661	29.879
9627.342	11196.930	6.423	7613.913	103.871
1.004	14.775			
3/21/2016 1:25:00 AM	480300.000	13.114	17.660	29.890
9625.978	11195.410	6.422	7612.879	103.886
1.004	14.776			

3/21/2016 1:30:00 AM	480600.000	13.108	17.661	29.877
9624.537	11193.493	6.420	7611.576	103.901
1.004	14.778			
3/21/2016 1:35:00 AM	480900.000	13.107	17.661	29.874
9625.386	11194.697	6.421	7612.395	103.892
1.004	14.779			
3/21/2016 1:40:00 AM	481200.000	13.108	17.662	29.877
9623.230	11191.863	6.419	7610.467	103.915
1.004	14.780			
3/21/2016 1:45:00 AM	481500.000	13.106	17.661	29.872
9623.807	11192.772	6.420	7611.086	103.909
1.004	14.781			
3/21/2016 1:50:00 AM	481800.000	13.109	17.661	29.880
9621.635	11190.161	6.418	7609.310	103.932
1.004	14.783			
3/21/2016 1:55:00 AM	482100.000	13.103	17.661	29.865
9623.224	11192.141	6.420	7610.656	103.915
1.004	14.785			
3/21/2016 2:00:00 AM	482400.000	13.101	17.662	29.861
9622.612	11191.166	6.419	7609.994	103.922
1.004	14.787			
3/21/2016 2:05:00 AM	482700.000	13.103	17.662	29.866
9621.402	11189.802	6.418	7609.066	103.935
1.004	14.786			
3/21/2016 2:10:00 AM	483000.000	13.107	17.661	29.875
9620.455	11188.789	6.418	7608.377	103.945
1.004	14.786			
3/21/2016 2:15:00 AM	483300.000	13.102	17.662	29.863
9619.495	11187.607	6.417	7607.574	103.956
1.004	14.785			
3/21/2016 2:20:00 AM	483600.000	13.104	17.661	29.868
9616.958	11184.896	6.415	7605.729	103.983
1.004	14.785			
3/21/2016 2:25:00 AM	483900.000	13.102	17.661	29.865
9616.905	11184.681	6.415	7605.583	103.984
1.004	14.784			
3/21/2016 2:30:00 AM	484200.000	13.105	17.661	29.870
9619.055	11187.292	6.417	7607.359	103.960
1.004	14.783			
3/21/2016 2:35:00 AM	484500.000	13.107	17.661	29.874
9617.039	11184.794	6.415	7605.661	103.982
1.004	14.782			
3/21/2016 2:40:00 AM	484800.000	13.108	17.661	29.878
9615.514	11183.216	6.414	7604.587	103.999
1.004	14.780			
3/21/2016 2:45:00 AM	485100.000	13.109	17.661	29.880
9614.698	11182.202	6.414	7603.898	104.007
1.004	14.779			
3/21/2016 2:50:00 AM	485400.000	13.110	17.661	29.881
9614.783	11182.149	6.413	7603.862	104.007
1.004	14.779			
3/21/2016 2:55:00 AM	485700.000	13.113	17.660	29.888
9615.755	11183.521	6.414	7604.794	103.996
1.004	14.780			
3/21/2016 3:00:00 AM	486000.000	13.108	17.661	29.876
9614.363	11181.790	6.413	7603.618	104.011
1.004	14.781			
3/21/2016 3:05:00 AM	486300.000	13.106	17.661	29.873

9614.427	11181.886	6.413	7603.683	104.010
1.004	14.781			
3/21/2016 3:10:00 AM	486600.000	13.107	17.661	29.875
9614.317	11181.803	6.413	7603.626	104.012
1.004	14.781			
3/21/2016 3:15:00 AM	486900.000	13.108	17.661	29.878
9613.321	11180.601	6.413	7602.809	104.022
1.004	14.781			
3/21/2016 3:20:00 AM	487200.000	13.107	17.662	29.875
9611.367	11178.112	6.411	7601.117	104.043
1.004	14.783			
3/21/2016 3:25:00 AM	487500.000	13.107	17.661	29.874
9610.295	11177.059	6.410	7600.400	104.055
1.004	14.785			
3/21/2016 3:30:00 AM	487800.000	13.103	17.661	29.867
9609.105	11175.721	6.410	7599.491	104.068
1.004	14.787			
3/21/2016 3:35:00 AM	488100.000	13.104	17.661	29.868
9610.675	11177.415	6.411	7600.643	104.051
1.004	14.786			
3/21/2016 3:40:00 AM	488400.000	13.105	17.661	29.871
9609.947	11176.721	6.410	7600.170	104.059
1.004	14.784			
3/21/2016 3:45:00 AM	488700.000	13.106	17.661	29.872
9610.242	11177.084	6.410	7600.417	104.056
1.004	14.783			
3/21/2016 3:50:00 AM	489000.000	13.109	17.661	29.880
9610.267	11176.896	6.410	7600.290	104.055
1.004	14.782			
3/21/2016 3:55:00 AM	489300.000	13.111	17.662	29.884
9609.037	11175.356	6.409	7599.243	104.069
1.004	14.780			
3/21/2016 4:00:00 AM	489600.000	13.112	17.661	29.886
9608.665	11175.077	6.409	7599.053	104.073
1.004	14.778			
3/21/2016 4:05:00 AM	489900.000	13.109	17.661	29.880
9608.524	11174.958	6.409	7598.972	104.074
1.004	14.780			
3/21/2016 4:10:00 AM	490200.000	13.108	17.661	29.878
9607.354	11173.683	6.408	7598.105	104.087
1.004	14.782			
3/21/2016 4:15:00 AM	490500.000	13.105	17.661	29.871
9607.904	11174.301	6.409	7598.524	104.081
1.004	14.783			
3/21/2016 4:20:00 AM	490800.000	13.106	17.661	29.872
9606.641	11172.787	6.408	7597.496	104.095
1.004	14.783			
3/21/2016 4:25:00 AM	491100.000	13.106	17.661	29.872
9604.820	11170.625	6.406	7596.025	104.114
1.004	14.784			
3/21/2016 4:30:00 AM	491400.000	13.106	17.662	29.873
9606.787	11172.827	6.408	7597.523	104.093
1.004	14.784			
3/21/2016 4:35:00 AM	491700.000	13.107	17.661	29.876
9605.021	11170.970	6.407	7596.260	104.112
1.004	14.784			
3/21/2016 4:40:00 AM	492000.000	13.108	17.661	29.877
9605.609	11171.567	6.407	7596.667	104.106

1.004	14.783			
3/21/2016 4:45:00 AM	492300.000	13.109	17.660	29.880
9604.831	11170.815	6.406	7596.155	104.114
1.004	14.783			
3/21/2016 4:50:00 AM	492600.000	13.109	17.660	29.879
9604.325	11170.228	6.406	7595.755	104.120
1.004	14.784			
3/21/2016 4:55:00 AM	492900.000	13.113	17.662	29.888
9605.426	11171.136	6.407	7596.373	104.108
1.004	14.785			
3/21/2016 5:00:00 AM	493200.000	13.106	17.661	29.872
9603.142	11168.738	6.405	7594.743	104.133
1.004	14.786			
3/21/2016 5:05:00 AM	493500.000	13.110	17.661	29.882
9600.424	11165.645	6.403	7592.639	104.162
1.004	14.785			
3/21/2016 5:10:00 AM	493800.000	13.106	17.661	29.873
9592.432	11156.350	6.398	7586.318	104.249
1.004	14.785			
3/21/2016 5:15:00 AM	494100.000	13.106	17.660	29.871
9579.291	11141.130	6.388	7575.969	104.392
1.004	14.784			
3/21/2016 5:20:00 AM	494400.000	13.113	17.661	29.888
9569.478	11129.674	6.381	7568.179	104.499
1.004	14.783			
3/21/2016 5:25:00 AM	494700.000	13.114	17.661	29.892
9558.517	11116.754	6.373	7559.393	104.619
1.004	14.781			
3/21/2016 5:30:00 AM	495000.000	13.111	17.660	29.883
9551.167	11108.443	6.368	7553.742	104.699
1.004	14.780			
3/21/2016 5:35:00 AM	495300.000	13.107	17.661	29.876
9548.314	11104.973	6.366	7551.381	104.731
1.004	14.783			
3/21/2016 5:40:00 AM	495600.000	13.105	17.660	29.871
9543.424	11099.458	6.362	7547.632	104.784
1.004	14.787			
3/21/2016 5:45:00 AM	495900.000	13.106	17.660	29.873
9540.992	11096.587	6.361	7545.680	104.811
1.004	14.790			
3/21/2016 5:50:00 AM	496200.000	13.106	17.662	29.872
9539.494	11094.564	6.359	7544.304	104.827
1.004	14.786			
3/21/2016 5:55:00 AM	496500.000	13.109	17.661	29.880
9537.287	11092.214	6.358	7542.706	104.852
1.004	14.782			
3/21/2016 6:00:00 AM	496800.000	13.115	17.660	29.893
9531.881	11086.033	6.354	7538.503	104.911
1.004	14.779			
3/21/2016 6:05:00 AM	497100.000	13.119	17.661	29.903
9530.657	11084.503	6.353	7537.462	104.925
1.004	14.781			
3/21/2016 6:10:00 AM	497400.000	13.112	17.660	29.887
9527.977	11081.513	6.351	7535.429	104.954
1.004	14.783			
3/21/2016 6:15:00 AM	497700.000	13.110	17.662	29.882
9526.216	11079.122	6.350	7533.803	104.973
1.004	14.785			



3/21/2016 6:20:00 AM	498000.000	13.110	17.661	29.882
9522.316	11074.759	6.347	7530.836	105.016
1.004	14.787			
3/21/2016 6:25:00 AM	498300.000	13.110	17.661	29.882
9519.181	11071.112	6.345	7528.357	105.051
1.004	14.788			
3/21/2016 6:30:00 AM	498600.000	13.107	17.661	29.875
9512.799	11063.733	6.340	7523.339	105.122
1.004	14.789			
3/21/2016 6:35:00 AM	498900.000	13.108	17.661	29.877
9509.591	11060.002	6.338	7520.802	105.157
1.004	14.789			
3/21/2016 6:40:00 AM	499200.000	13.108	17.661	29.877
9503.974	11053.403	6.334	7516.315	105.219
1.003	14.788			
3/21/2016 6:45:00 AM	499500.000	13.107	17.660	29.875
9500.992	11050.108	6.332	7514.074	105.252
1.003	14.787			
3/21/2016 6:50:00 AM	499800.000	13.109	17.661	29.880
9495.142	11043.177	6.328	7509.361	105.317
1.003	14.786			
3/21/2016 6:55:00 AM	500100.000	13.110	17.660	29.882
9490.737	11038.120	6.325	7505.922	105.366
1.003	14.785			
3/21/2016 7:00:00 AM	500400.000	13.111	17.660	29.885
9486.854	11033.623	6.322	7502.864	105.409
1.003	14.784			
3/21/2016 7:05:00 AM	500700.000	13.111	17.661	29.884
9480.563	11026.262	6.317	7497.858	105.479
1.003	14.784			
3/21/2016 7:10:00 AM	501000.000	13.114	17.661	29.890
9476.547	11021.465	6.314	7494.597	105.524
1.003	14.785			
3/21/2016 7:15:00 AM	501300.000	13.115	17.661	29.892
9471.772	11015.912	6.311	7490.821	105.577
1.003	14.785			
3/21/2016 7:20:00 AM	501600.000	13.111	17.661	29.885
9466.657	11010.025	6.307	7486.818	105.634
1.003	14.786			
3/21/2016 7:25:00 AM	501900.000	13.110	17.661	29.882
9458.843	11000.895	6.302	7480.609	105.721
1.003	14.786			
3/21/2016 7:30:00 AM	502200.000	13.110	17.660	29.882
9455.050	10996.633	6.299	7477.711	105.764
1.003	14.786			
3/21/2016 7:35:00 AM	502500.000	13.110	17.661	29.881
9450.883	10991.552	6.296	7474.255	105.810
1.003	14.787			
3/21/2016 7:40:00 AM	502800.000	13.110	17.661	29.882
9445.085	10984.979	6.292	7469.787	105.875
1.003	14.788			
3/21/2016 7:45:00 AM	503100.000	13.109	17.661	29.880
9438.780	10977.455	6.287	7464.670	105.946
1.003	14.790			
3/21/2016 7:50:00 AM	503400.000	13.107	17.661	29.875
9432.574	10970.408	6.283	7459.878	106.016
1.003	14.791			
3/21/2016 7:55:00 AM	503700.000	13.105	17.661	29.871

9427.771	10964.864	6.279	7456.108	106.070
1.003	14.792			
3/21/2016 8:00:00 AM	504000.000	13.108	17.660	29.877
9422.090	10958.280	6.275	7451.631	106.134
1.003	14.794			
3/21/2016 8:05:00 AM	504300.000	13.106	17.661	29.872
9418.359	10953.876	6.273	7448.636	106.176
1.003	14.793			
3/21/2016 8:10:00 AM	504600.000	13.105	17.661	29.869
9414.529	10949.377	6.270	7445.577	106.219
1.003	14.793			
3/21/2016 8:15:00 AM	504900.000	13.104	17.661	29.868
9408.476	10942.358	6.266	7440.804	106.287
1.003	14.793			
3/21/2016 8:20:00 AM	505200.000	13.107	17.661	29.875
9403.016	10936.052	6.262	7436.515	106.349
1.003	14.791			
3/21/2016 8:25:00 AM	505500.000	13.107	17.661	29.876
9395.131	10926.838	6.256	7430.250	106.438
1.003	14.789			
3/21/2016 8:30:00 AM	505800.000	13.114	17.661	29.891
9395.169	10926.905	6.256	7430.296	106.438
1.003	14.787			
3/21/2016 8:35:00 AM	506100.000	13.110	17.660	29.882
9386.512	10917.088	6.250	7423.620	106.536
1.003	14.790			
3/21/2016 8:40:00 AM	506400.000	13.109	17.661	29.879
9386.531	10916.814	6.250	7423.434	106.536
1.003	14.794			
3/21/2016 8:45:00 AM	506700.000	13.110	17.661	29.881
9381.950	10911.486	6.247	7419.811	106.588
1.003	14.797			
3/21/2016 8:50:00 AM	507000.000	13.105	17.661	29.870
9378.241	10907.173	6.244	7416.878	106.630
1.003	14.797			
3/21/2016 8:55:00 AM	507300.000	13.107	17.660	29.875
9373.967	10902.312	6.241	7413.572	106.678
1.003	14.797			
3/21/2016 9:00:00 AM	507600.000	13.107	17.660	29.875
9366.284	10893.395	6.235	7407.509	106.766
1.003	14.798			
3/21/2016 9:05:00 AM	507900.000	13.106	17.660	29.873
9364.010	10890.749	6.234	7405.710	106.792
1.003	14.798			
3/21/2016 9:10:00 AM	508200.000	13.104	17.661	29.868
9361.115	10887.255	6.232	7403.333	106.825
1.003	14.798			
3/21/2016 9:15:00 AM	508500.000	13.106	17.661	29.872
9355.272	10880.524	6.227	7398.757	106.892
1.003	14.798			
3/21/2016 9:20:00 AM	508800.000	13.112	17.661	29.885
9351.739	10876.395	6.225	7395.948	106.932
1.003	14.799			
3/21/2016 9:25:00 AM	509100.000	13.106	17.661	29.874
9349.969	10874.271	6.224	7394.504	106.952
1.003	14.800			
3/21/2016 9:30:00 AM	509400.000	13.104	17.660	29.869
9346.988	10870.974	6.222	7392.263	106.986

1.003	14.800			
3/21/2016 9:35:00 AM	509700.000	13.105	17.661	29.871
9343.729	10867.014	6.219	7389.570	107.024
1.003	14.800			
3/21/2016 9:40:00 AM	510000.000	13.107	17.660	29.875
9339.898	10862.748	6.217	7386.669	107.068
1.003	14.799			
3/21/2016 9:45:00 AM	510300.000	13.109	17.661	29.879
9336.911	10859.041	6.214	7384.148	107.102
1.003	14.799			
3/21/2016 9:50:00 AM	510600.000	13.107	17.661	29.875
9334.036	10855.740	6.212	7381.904	107.135
1.003	14.799			
3/21/2016 9:55:00 AM	510900.000	13.107	17.660	29.876
9334.545	10856.462	6.213	7382.395	107.129
1.003	14.799			
3/21/2016 10:00:00 AM	511200.000	13.108	17.661	29.878
9326.396	10846.875	6.207	7375.875	107.223
1.003	14.800			
3/21/2016 10:05:00 AM	511500.000	13.113	17.661	29.888
9324.965	10845.106	6.206	7374.673	107.239
1.003	14.801			
3/21/2016 10:10:00 AM	511800.000	13.106	17.661	29.872
9322.911	10842.907	6.204	7373.177	107.263
1.003	14.803			
3/21/2016 10:15:00 AM	512100.000	13.108	17.661	29.878
9321.450	10841.188	6.203	7372.008	107.279
1.003	14.805			
3/21/2016 10:20:00 AM	512400.000	13.104	17.661	29.868
9317.512	10836.522	6.200	7368.836	107.325
1.003	14.803			
3/21/2016 10:25:00 AM	512700.000	13.107	17.661	29.875
9313.822	10832.273	6.198	7365.946	107.367
1.003	14.802			
3/21/2016 10:30:00 AM	513000.000	13.108	17.661	29.877
9313.505	10831.843	6.198	7365.653	107.371
1.003	14.800			
3/21/2016 10:35:00 AM	513300.000	13.108	17.661	29.877
9308.911	10826.584	6.194	7362.078	107.424
1.003	14.800			
3/21/2016 10:40:00 AM	513600.000	13.109	17.661	29.879
9306.935	10824.306	6.193	7360.528	107.447
1.003	14.799			
3/21/2016 10:45:00 AM	513900.000	13.109	17.661	29.879
9303.921	10820.758	6.191	7358.116	107.482
1.003	14.799			
3/21/2016 10:50:00 AM	514200.000	13.104	17.661	29.869
9304.210	10821.116	6.191	7358.359	107.478
1.003	14.802			
3/21/2016 10:55:00 AM	514500.000	13.102	17.661	29.864
9302.180	10818.732	6.189	7356.739	107.502
1.003	14.805			
3/21/2016 11:00:00 AM	514800.000	13.100	17.660	29.860
9300.209	10816.527	6.188	7355.239	107.524
1.003	14.807			
3/21/2016 11:05:00 AM	515100.000	13.103	17.661	29.866
9296.524	10812.070	6.185	7352.208	107.567
1.003	14.806			

3/21/2016 11:10:00 AM	515400.000	13.106	17.660	29.873
9295.352	10810.878	6.185	7351.397	107.581
1.003	14.804			
3/21/2016 11:15:00 AM	515700.000	13.109	17.661	29.879
9292.967	10807.996	6.183	7349.438	107.608
1.003	14.802			
3/21/2016 11:20:00 AM	516000.000	13.106	17.661	29.873
9289.558	10804.116	6.180	7346.800	107.648
1.003	14.803			
3/21/2016 11:25:00 AM	516300.000	13.105	17.661	29.871
9288.108	10802.241	6.179	7345.524	107.665
1.003	14.804			
3/21/2016 11:30:00 AM	516600.000	13.104	17.661	29.869
9285.887	10799.826	6.178	7343.882	107.690
1.003	14.806			
3/21/2016 11:35:00 AM	516900.000	13.103	17.661	29.865
9280.713	10793.705	6.174	7339.720	107.750
1.003	14.804			
3/21/2016 11:40:00 AM	517200.000	13.103	17.661	29.866
9280.054	10792.896	6.174	7339.169	107.758
1.003	14.803			
3/21/2016 11:45:00 AM	517500.000	13.104	17.662	29.869
9278.415	10790.926	6.172	7337.830	107.777
1.003	14.802			
3/21/2016 11:50:00 AM	517800.000	13.105	17.661	29.870
9274.576	10786.629	6.170	7334.908	107.822
1.003	14.802			
3/21/2016 11:55:00 AM	518100.000	13.104	17.661	29.868
9273.313	10785.075	6.169	7333.852	107.836
1.003	14.803			
3/21/2016 12:00:00 PM	518400.000	13.104	17.660	29.869
9272.466	10784.301	6.168	7333.325	107.846
1.003	14.803			
3/21/2016 12:05:00 PM	518700.000	13.108	17.661	29.878
9270.344	10781.665	6.167	7331.533	107.871
1.003	14.802			
3/21/2016 12:10:00 PM	519000.000	13.101	17.661	29.862
9271.481	10782.969	6.167	7332.419	107.858
1.003	14.801			
3/21/2016 12:15:00 PM	519300.000	13.103	17.661	29.867
9266.633	10777.434	6.164	7328.655	107.914
1.003	14.801			
3/21/2016 12:20:00 PM	519600.000	13.103	17.661	29.865
9267.254	10778.071	6.164	7329.089	107.907
1.003	14.800			
3/21/2016 12:25:00 PM	519900.000	13.103	17.661	29.865
9265.374	10775.969	6.163	7327.659	107.929
1.003	14.800			
3/21/2016 12:30:00 PM	520200.000	13.101	17.661	29.862
9264.191	10774.426	6.162	7326.609	107.943
1.003	14.800			
3/21/2016 12:35:00 PM	520500.000	13.107	17.660	29.875
9264.873	10775.553	6.163	7327.376	107.935
1.003	14.799			
3/21/2016 12:40:00 PM	520800.000	13.102	17.660	29.864
9266.079	10776.833	6.164	7328.247	107.921
1.003	14.797			
3/21/2016 12:45:00 PM	521100.000	13.102	17.660	29.864

9266.126	10776.888	6.164	7328.284	107.920
1.003	14.796			
3/21/2016 12:50:00 PM	521400.000	13.105	17.661	29.870
9263.928	10774.099	6.162	7326.387	107.946
1.003	14.793			
3/21/2016 12:55:00 PM	521700.000	13.107	17.661	29.875
9261.180	10771.091	6.160	7324.342	107.978
1.003	14.790			
3/21/2016 1:00:00 PM	522000.000	13.107	17.660	29.876
9259.632	10769.374	6.159	7323.174	107.996
1.003	14.787			
3/21/2016 1:05:00 PM	522300.000	13.107	17.661	29.874
9259.020	10768.536	6.159	7322.604	108.003
1.003	14.788			
3/21/2016 1:10:00 PM	522600.000	13.108	17.661	29.876
9256.410	10765.544	6.157	7320.570	108.033
1.003	14.789			
3/21/2016 1:15:00 PM	522900.000	13.106	17.661	29.873
9258.827	10768.271	6.158	7322.424	108.005
1.003	14.789			
3/21/2016 1:20:00 PM	523200.000	13.104	17.661	29.867
9257.246	10766.452	6.157	7321.188	108.023
1.003	14.790			
3/21/2016 1:25:00 PM	523500.000	13.103	17.661	29.866
9256.067	10765.018	6.156	7320.212	108.037
1.003	14.790			
3/21/2016 1:30:00 PM	523800.000	13.102	17.661	29.863
9253.702	10762.352	6.155	7318.399	108.065
1.003	14.790			
3/21/2016 1:35:00 PM	524100.000	13.105	17.661	29.870
9254.369	10763.128	6.155	7318.928	108.057
1.003	14.787			
3/21/2016 1:40:00 PM	524400.000	13.107	17.661	29.876
9252.770	10761.183	6.154	7317.605	108.076
1.003	14.783			
3/21/2016 1:45:00 PM	524700.000	13.109	17.661	29.880
9254.119	10762.899	6.155	7318.772	108.060
1.003	14.779			
3/21/2016 1:50:00 PM	525000.000	13.110	17.661	29.882
9250.096	10758.032	6.152	7315.462	108.107
1.003	14.782			
3/21/2016 1:55:00 PM	525300.000	13.102	17.661	29.863
9251.251	10759.459	6.153	7316.433	108.093
1.003	14.784			
3/21/2016 2:00:00 PM	525600.000	13.100	17.661	29.858
9248.627	10756.388	6.151	7314.344	108.124
1.003	14.787			
3/21/2016 2:05:00 PM	525900.000	13.103	17.661	29.866
9245.713	10753.082	6.149	7312.096	108.158
1.003	14.786			
3/21/2016 2:10:00 PM	526200.000	13.098	17.661	29.854
9245.254	10752.465	6.149	7311.676	108.164
1.003	14.785			
3/21/2016 2:15:00 PM	526500.000	13.098	17.661	29.855
9245.418	10752.676	6.149	7311.820	108.162
1.003	14.784			
3/21/2016 2:20:00 PM	526800.000	13.099	17.661	29.857
9244.417	10751.511	6.148	7311.027	108.173

1.003	14.781			
3/21/2016 2:25:00 PM	527100.000	13.101	17.661	29.862
9244.250	10751.214	6.148	7310.826	108.175
1.003	14.779			
3/21/2016 2:30:00 PM	527400.000	13.104	17.661	29.867
9243.271	10750.075	6.147	7310.051	108.187
1.003	14.776			
3/21/2016 2:35:00 PM	527700.000	13.102	17.661	29.864
9242.965	10749.843	6.147	7309.894	108.190
1.003	14.776			
3/21/2016 2:40:00 PM	528000.000	13.103	17.661	29.866
9240.981	10747.600	6.146	7308.368	108.214
1.003	14.776			
3/21/2016 2:45:00 PM	528300.000	13.101	17.661	29.861
9241.148	10747.606	6.146	7308.373	108.212
1.003	14.776			
3/21/2016 2:50:00 PM	528600.000	13.101	17.660	29.862
9237.115	10743.227	6.143	7305.394	108.259
1.003	14.776			
3/21/2016 2:55:00 PM	528900.000	13.100	17.661	29.859
9240.766	10747.161	6.145	7308.070	108.216
1.003	14.776			
3/21/2016 3:00:00 PM	529200.000	13.099	17.661	29.856
9239.864	10746.112	6.145	7307.357	108.227
1.003	14.776			
3/21/2016 3:05:00 PM	529500.000	13.099	17.661	29.857
9235.898	10741.561	6.142	7304.262	108.273
1.003	14.776			
3/21/2016 3:10:00 PM	529800.000	13.099	17.661	29.856
9235.982	10741.658	6.142	7304.328	108.272
1.003	14.776			
3/21/2016 3:15:00 PM	530100.000	13.105	17.660	29.870
9238.370	10744.624	6.144	7306.345	108.244
1.003	14.776			
3/21/2016 3:20:00 PM	530400.000	13.103	17.661	29.865
9236.022	10741.645	6.142	7304.319	108.272
1.003	14.772			
3/21/2016 3:25:00 PM	530700.000	13.108	17.661	29.877
9233.974	10739.365	6.141	7302.769	108.296
1.003	14.768			
3/21/2016 3:30:00 PM	531000.000	13.111	17.662	29.885
9235.822	10741.306	6.142	7304.088	108.274
1.003	14.764			
3/21/2016 3:35:00 PM	531300.000	13.115	17.661	29.893
9236.107	10741.931	6.142	7304.513	108.271
1.003	14.765			
3/21/2016 3:40:00 PM	531600.000	13.108	17.661	29.876
9234.794	10740.361	6.141	7303.446	108.286
1.003	14.767			
3/21/2016 3:45:00 PM	531900.000	13.110	17.661	29.881
9232.525	10737.638	6.140	7301.594	108.313
1.003	14.769			
3/21/2016 3:50:00 PM	532200.000	13.101	17.661	29.861
9231.951	10737.013	6.139	7301.169	108.319
1.003	14.770			
3/21/2016 3:55:00 PM	532500.000	13.099	17.661	29.858
9233.626	10738.878	6.140	7302.438	108.300
1.003	14.772			

3/21/2016 4:00:00 PM	532800.000	13.097	17.662	29.852
9230.696	10735.263	6.138	7299.979	108.334
1.003	14.774			
3/21/2016 4:05:00 PM	533100.000	13.098	17.661	29.855
9230.321	10735.056	6.138	7299.838	108.339
1.003	14.773			
3/21/2016 4:10:00 PM	533400.000	13.100	17.662	29.858
9232.256	10737.220	6.139	7301.310	108.316
1.003	14.772			
3/21/2016 4:15:00 PM	533700.000	13.098	17.662	29.855
9230.479	10735.176	6.138	7299.919	108.337
1.003	14.771			
3/21/2016 4:20:00 PM	534000.000	13.099	17.661	29.856
9227.034	10731.251	6.136	7297.251	108.377
1.003	14.772			
3/21/2016 4:25:00 PM	534300.000	13.098	17.662	29.855
9231.437	10736.268	6.139	7300.663	108.326
1.003	14.772			
3/21/2016 4:30:00 PM	534600.000	13.096	17.662	29.850
9229.188	10733.634	6.137	7298.872	108.352
1.003	14.773			
3/21/2016 4:35:00 PM	534900.000	13.098	17.661	29.854
9227.550	10731.979	6.136	7297.746	108.371
1.003	14.770			
3/21/2016 4:40:00 PM	535200.000	13.101	17.661	29.861
9226.015	10730.065	6.135	7296.445	108.389
1.003	14.768			
3/21/2016 4:45:00 PM	535500.000	13.105	17.662	29.869
9226.811	10730.909	6.135	7297.019	108.380
1.003	14.765			
3/21/2016 4:50:00 PM	535800.000	13.101	17.661	29.861
9225.498	10729.488	6.135	7296.052	108.395
1.003	14.767			
3/21/2016 4:55:00 PM	536100.000	13.107	17.662	29.875
9223.286	10726.666	6.133	7294.133	108.421
1.003	14.768			
3/21/2016 5:00:00 PM	536400.000	13.103	17.661	29.866
9224.980	10728.822	6.134	7295.600	108.401
1.003	14.770			
3/21/2016 5:05:00 PM	536700.000	13.104	17.662	29.867
9225.333	10729.107	6.134	7295.793	108.397
1.003	14.771			
3/21/2016 5:10:00 PM	537000.000	13.100	17.661	29.859
9224.539	10728.331	6.134	7295.266	108.407
1.003	14.772			
3/21/2016 5:15:00 PM	537300.000	13.100	17.661	29.859
9223.307	10727.043	6.133	7294.390	108.421
1.003	14.773			
3/21/2016 5:20:00 PM	537600.000	13.097	17.661	29.853
9225.699	10729.658	6.135	7296.168	108.393
1.003	14.775			
3/21/2016 5:25:00 PM	537900.000	13.096	17.661	29.850
9224.814	10728.733	6.134	7295.539	108.403
1.003	14.777			
3/21/2016 5:30:00 PM	538200.000	13.094	17.662	29.845
9224.254	10727.914	6.134	7294.982	108.410
1.003	14.779			
3/21/2016 5:35:00 PM	538500.000	13.093	17.661	29.843

9223.254	10726.879	6.133	7294.278	108.422
1.003	14.778			
3/21/2016 5:40:00 PM	538800.000	13.094	17.661	29.845
9220.370	10723.608	6.131	7292.054	108.456
1.003	14.778			
3/21/2016 5:45:00 PM	539100.000	13.093	17.661	29.842
9219.734	10722.701	6.130	7291.437	108.463
1.003	14.777			
3/21/2016 5:50:00 PM	539400.000	13.094	17.662	29.845
9220.413	10723.429	6.131	7291.932	108.455
1.003	14.777			
3/21/2016 5:55:00 PM	539700.000	13.094	17.662	29.845
9221.949	10725.151	6.132	7293.103	108.437
1.003	14.776			
3/21/2016 6:00:00 PM	540000.000	13.093	17.662	29.844
9220.162	10723.137	6.131	7291.733	108.458
1.003	14.776			
3/21/2016 6:05:00 PM	540300.000	13.094	17.661	29.845
9221.092	10724.340	6.131	7292.552	108.447
1.003	14.775			
3/21/2016 6:10:00 PM	540600.000	13.099	17.661	29.857
9218.739	10721.711	6.130	7290.764	108.475
1.003	14.774			
3/21/2016 6:15:00 PM	540900.000	13.096	17.661	29.851
9219.561	10722.541	6.130	7291.329	108.465
1.003	14.773			
3/21/2016 6:20:00 PM	541200.000	13.103	17.661	29.865
9219.555	10722.576	6.130	7291.352	108.465
1.003	14.773			
3/21/2016 6:25:00 PM	541500.000	13.096	17.662	29.851
9216.911	10719.313	6.128	7289.133	108.496
1.003	14.773			
3/21/2016 6:30:00 PM	541800.000	13.096	17.661	29.851
9220.469	10723.700	6.131	7292.117	108.454
1.003	14.774			
3/21/2016 6:35:00 PM	542100.000	13.095	17.661	29.848
9217.807	10720.479	6.129	7289.927	108.486
1.003	14.775			
3/21/2016 6:40:00 PM	542400.000	13.093	17.661	29.843
9220.282	10723.462	6.131	7291.955	108.457
1.003	14.776			
3/21/2016 6:45:00 PM	542700.000	13.093	17.661	29.842
9218.634	10721.463	6.130	7290.595	108.476
1.003	14.778			
3/21/2016 6:50:00 PM	543000.000	13.092	17.661	29.841
9218.505	10721.291	6.129	7290.478	108.477
1.003	14.776			
3/21/2016 6:55:00 PM	543300.000	13.095	17.661	29.848
9218.022	10720.730	6.129	7290.097	108.483
1.003	14.774			
3/21/2016 7:00:00 PM	543600.000	13.101	17.661	29.862
9217.064	10719.596	6.128	7289.326	108.494
1.003	14.772			
3/21/2016 7:05:00 PM	543900.000	13.096	17.661	29.850
9216.124	10718.586	6.128	7288.639	108.505
1.003	14.772			
3/21/2016 7:10:00 PM	544200.000	13.094	17.661	29.845
9219.144	10722.117	6.130	7291.040	108.470



1.003	14.772			
3/21/2016 7:15:00 PM	544500.000	13.096	17.661	29.850
9221.467	10724.840	6.132	7292.892	108.443
1.003	14.772			
3/21/2016 7:20:00 PM	544800.000	13.096	17.661	29.849
9218.315	10721.071	6.129	7290.329	108.480
1.003	14.773			
3/21/2016 7:25:00 PM	545100.000	13.093	17.661	29.844
9216.139	10718.623	6.128	7288.664	108.505
1.003	14.773			
3/21/2016 7:30:00 PM	545400.000	13.093	17.661	29.844
9218.657	10721.552	6.130	7290.656	108.476
1.003	14.773			
3/21/2016 7:35:00 PM	545700.000	13.093	17.661	29.843
9217.698	10720.333	6.129	7289.827	108.487
1.003	14.775			
3/21/2016 7:40:00 PM	546000.000	13.091	17.661	29.837
9220.183	10723.265	6.131	7291.820	108.458
1.003	14.777			
3/21/2016 7:45:00 PM	546300.000	13.088	17.662	29.832
9218.481	10721.223	6.129	7290.432	108.478
1.003	14.779			
3/21/2016 7:50:00 PM	546600.000	13.092	17.661	29.841
9217.839	10720.538	6.129	7289.966	108.485
1.003	14.776			
3/21/2016 7:55:00 PM	546900.000	13.096	17.661	29.849
9218.241	10721.049	6.129	7290.313	108.481
1.003	14.773			
3/21/2016 8:00:00 PM	547200.000	13.103	17.661	29.865
9218.511	10721.362	6.130	7290.527	108.477
1.003	14.770			
3/21/2016 8:05:00 PM	547500.000	13.101	17.662	29.861
9219.662	10722.532	6.130	7291.322	108.464
1.003	14.773			
3/21/2016 8:10:00 PM	547800.000	13.095	17.661	29.847
9217.231	10719.851	6.129	7289.499	108.492
1.003	14.775			
3/21/2016 8:15:00 PM	548100.000	13.093	17.662	29.844
9220.519	10723.592	6.131	7292.043	108.454
1.003	14.778			
3/21/2016 8:20:00 PM	548400.000	13.094	17.662	29.846
9218.161	10720.810	6.129	7290.151	108.482
1.003	14.777			
3/21/2016 8:25:00 PM	548700.000	13.097	17.662	29.852
9220.535	10723.527	6.131	7291.999	108.454
1.003	14.776			
3/21/2016 8:30:00 PM	549000.000	13.098	17.662	29.854
9217.806	10720.333	6.129	7289.827	108.486
1.003	14.774			
3/21/2016 8:35:00 PM	549300.000	13.098	17.662	29.854
9219.456	10722.334	6.130	7291.188	108.466
1.003	14.776			
3/21/2016 8:40:00 PM	549600.000	13.098	17.662	29.854
9221.616	10724.868	6.132	7292.911	108.441
1.003	14.777			
3/21/2016 8:45:00 PM	549900.000	13.098	17.661	29.854
9222.734	10726.210	6.133	7293.823	108.428
1.003	14.778			

3/21/2016 8:50:00 PM	550200.000	13.096	17.662	29.850
9220.030	10722.939	6.131	7291.599	108.460
1.003	14.780			
3/21/2016 8:55:00 PM	550500.000	13.096	17.662	29.849
9222.126	10725.421	6.132	7293.286	108.435
1.003	14.782			
3/21/2016 9:00:00 PM	550800.000	13.101	17.661	29.862
9219.587	10722.633	6.130	7291.391	108.465
1.003	14.784			
3/21/2016 9:05:00 PM	551100.000	13.094	17.661	29.845
9221.071	10724.380	6.131	7292.579	108.447
1.003	14.785			
3/21/2016 9:10:00 PM	551400.000	13.093	17.661	29.842
9221.838	10725.208	6.132	7293.142	108.438
1.003	14.787			
3/21/2016 9:15:00 PM	551700.000	13.091	17.661	29.839
9222.461	10725.996	6.132	7293.678	108.431
1.003	14.789			
3/21/2016 9:20:00 PM	552000.000	13.091	17.661	29.839
9222.854	10726.497	6.133	7294.018	108.426
1.003	14.790			
3/21/2016 9:25:00 PM	552300.000	13.093	17.662	29.844
9220.680	10723.779	6.131	7292.170	108.452
1.003	14.791			
3/21/2016 9:30:00 PM	552600.000	13.087	17.661	29.830
9222.696	10726.146	6.132	7293.780	108.428
1.003	14.792			
3/21/2016 9:35:00 PM	552900.000	13.093	17.661	29.843
9223.271	10726.875	6.133	7294.275	108.421
1.003	14.793			
3/21/2016 9:40:00 PM	553200.000	13.090	17.661	29.836
9220.667	10723.827	6.131	7292.203	108.452
1.003	14.793			
3/21/2016 9:45:00 PM	553500.000	13.091	17.661	29.839
9219.838	10722.945	6.131	7291.604	108.462
1.003	14.793			
3/21/2016 9:50:00 PM	553800.000	13.091	17.662	29.839
9220.211	10723.194	6.131	7291.773	108.457
1.003	14.794			
3/21/2016 9:55:00 PM	554100.000	13.091	17.661	29.839
9220.252	10723.304	6.131	7291.847	108.457
1.003	14.795			
3/21/2016 10:00:00 PM	554400.000	13.093	17.661	29.842
9220.547	10723.646	6.131	7292.080	108.453
1.003	14.796			
3/21/2016 10:05:00 PM	554700.000	13.089	17.661	29.835
9221.697	10725.068	6.132	7293.047	108.440
1.003	14.798			
3/21/2016 10:10:00 PM	555000.000	13.091	17.662	29.837
9222.428	10725.790	6.132	7293.538	108.431
1.003	14.800			
3/21/2016 10:15:00 PM	555300.000	13.084	17.661	29.823
9223.047	10726.574	6.133	7294.071	108.424
1.003	14.802			
3/21/2016 10:20:00 PM	555600.000	13.086	17.661	29.827
9222.377	10725.795	6.132	7293.541	108.432
1.003	14.801			
3/21/2016 10:25:00 PM	555900.000	13.088	17.661	29.831

9222.714	10726.187	6.132	7293.808	108.428
1.003	14.800			
3/21/2016 10:30:00 PM	556200.000	13.090	17.661	29.835
9223.601	10727.198	6.133	7294.496	108.418
1.003	14.799			
3/21/2016 10:35:00 PM	556500.000	13.090	17.661	29.837
9223.233	10726.813	6.133	7294.233	108.422
1.003	14.800			
3/21/2016 10:40:00 PM	556800.000	13.092	17.661	29.840
9224.307	10728.061	6.134	7295.082	108.409
1.003	14.801			
3/21/2016 10:45:00 PM	557100.000	13.087	17.662	29.829
9222.535	10725.854	6.132	7293.581	108.430
1.003	14.802			
3/21/2016 10:50:00 PM	557400.000	13.089	17.661	29.833
9223.993	10727.738	6.133	7294.863	108.413
1.003	14.801			
3/21/2016 10:55:00 PM	557700.000	13.089	17.662	29.833
9221.929	10725.231	6.132	7293.158	108.437
1.003	14.800			
3/21/2016 11:00:00 PM	558000.000	13.091	17.662	29.838
9221.942	10725.248	6.132	7293.169	108.437
1.003	14.799			
3/21/2016 11:05:00 PM	558300.000	13.092	17.661	29.841
9221.985	10725.526	6.132	7293.358	108.437
1.003	14.799			
3/21/2016 11:10:00 PM	558600.000	13.091	17.662	29.838
9223.627	10727.207	6.133	7294.501	108.417
1.003	14.799			
3/21/2016 11:15:00 PM	558900.000	13.093	17.661	29.843
9220.268	10723.342	6.131	7291.873	108.457
1.003	14.799			
3/21/2016 11:20:00 PM	559200.000	13.090	17.661	29.836
9223.063	10726.593	6.133	7294.083	108.424
1.003	14.802			
3/21/2016 11:25:00 PM	559500.000	13.088	17.662	29.831
9220.479	10723.546	6.131	7292.012	108.454
1.003	14.805			
3/21/2016 11:30:00 PM	559800.000	13.084	17.662	29.823
9223.286	10726.811	6.133	7294.232	108.421
1.003	14.808			
3/21/2016 11:35:00 PM	560100.000	13.086	17.662	29.826
9220.131	10723.057	6.131	7291.679	108.458
1.003	14.807			
3/21/2016 11:40:00 PM	560400.000	13.087	17.661	29.830
9220.256	10723.308	6.131	7291.850	108.457
1.003	14.805			
3/21/2016 11:45:00 PM	560700.000	13.096	17.661	29.850
9226.220	10730.264	6.135	7296.580	108.387
1.003	14.804			
3/21/2016 11:50:00 PM	561000.000	13.092	17.661	29.840
9235.955	10741.586	6.142	7304.279	108.273
1.003	14.803			
3/21/2016 11:55:00 PM	561300.000	13.091	17.661	29.839
9248.256	10755.872	6.151	7313.994	108.128
1.003	14.803			
3/22/2016 12:00:00 AM	561600.000	13.096	17.662	29.849
9263.053	10773.060	6.161	7325.681	107.956

1.003	14.803			
3/22/2016 12:05:00 AM	561900.000	13.093	17.662	29.842
9273.077	10784.634	6.168	7333.551	107.839
1.003	14.802			
3/22/2016 12:10:00 AM	562200.000	13.092	17.662	29.841
9283.143	10796.360	6.176	7341.525	107.722
1.003	14.801			
3/22/2016 12:15:00 AM	562500.000	13.093	17.662	29.843
9286.054	10799.746	6.178	7343.828	107.688
1.003	14.801			
3/22/2016 12:20:00 AM	562800.000	13.092	17.662	29.841
9290.054	10804.439	6.181	7347.019	107.642
1.003	14.803			
3/22/2016 12:25:00 AM	563100.000	13.089	17.662	29.833
9298.949	10814.681	6.187	7353.983	107.539
1.003	14.805			
3/22/2016 12:30:00 AM	563400.000	13.088	17.662	29.832
9310.166	10827.788	6.195	7362.896	107.409
1.003	14.807			
3/22/2016 12:35:00 AM	563700.000	13.087	17.662	29.829
9312.179	10830.005	6.196	7364.404	107.386
1.003	14.807			
3/22/2016 12:40:00 AM	564000.000	13.088	17.662	29.831
9317.445	10836.254	6.200	7368.653	107.326
1.003	14.808			
3/22/2016 12:45:00 AM	564300.000	13.088	17.662	29.832
9323.877	10843.734	6.205	7373.740	107.252
1.003	14.809			
3/22/2016 12:50:00 AM	564600.000	13.088	17.662	29.831
9327.134	10847.355	6.207	7376.202	107.214
1.003	14.809			
3/22/2016 12:55:00 AM	564900.000	13.087	17.662	29.830
9333.867	10855.396	6.212	7381.669	107.137
1.003	14.810			
3/22/2016 1:00:00 AM	565200.000	13.087	17.662	29.829
9340.488	10863.033	6.217	7386.863	107.061
1.003	14.810			
3/22/2016 1:05:00 AM	565500.000	13.087	17.662	29.829
9342.091	10864.917	6.218	7388.144	107.042
1.003	14.811			
3/22/2016 1:10:00 AM	565800.000	13.091	17.662	29.839
9346.059	10869.532	6.221	7391.283	106.997
1.003	14.812			
3/22/2016 1:15:00 AM	566100.000	13.090	17.662	29.836
9355.306	10880.245	6.227	7398.567	106.891
1.003	14.813			
3/22/2016 1:20:00 AM	566400.000	13.092	17.662	29.841
9357.288	10882.448	6.229	7400.065	106.869
1.003	14.812			
3/22/2016 1:25:00 AM	566700.000	13.089	17.662	29.833
9360.409	10886.159	6.231	7402.589	106.833
1.003	14.811			
3/22/2016 1:30:00 AM	567000.000	13.093	17.662	29.842
9361.701	10887.704	6.232	7403.639	106.818
1.003	14.810			
3/22/2016 1:35:00 AM	567300.000	13.089	17.662	29.834
9365.356	10891.872	6.234	7406.474	106.777
1.003	14.810			

3/22/2016 1:40:00 AM	567600.000	13.090	17.662	29.836
9370.125	10897.439	6.238	7410.259	106.722
1.003	14.809			
3/22/2016 1:45:00 AM	567900.000	13.091	17.662	29.838
9377.735	10906.290	6.243	7416.278	106.636
1.003	14.809			
3/22/2016 1:50:00 AM	568200.000	13.091	17.662	29.837
9377.653	10906.173	6.243	7416.198	106.636
1.003	14.810			
3/22/2016 1:55:00 AM	568500.000	13.088	17.663	29.831
9379.901	10908.703	6.245	7417.918	106.611
1.003	14.812			
3/22/2016 2:00:00 AM	568800.000	13.086	17.662	29.828
9387.430	10917.479	6.250	7423.886	106.525
1.003	14.813			
3/22/2016 2:05:00 AM	569100.000	13.088	17.662	29.833
9389.417	10919.832	6.252	7425.486	106.503
1.003	14.813			
3/22/2016 2:10:00 AM	569400.000	13.087	17.662	29.830
9389.570	10920.011	6.252	7425.608	106.501
1.003	14.813			
3/22/2016 2:15:00 AM	569700.000	13.088	17.662	29.832
9392.612	10923.549	6.254	7428.013	106.467
1.003	14.813			
3/22/2016 2:20:00 AM	570000.000	13.089	17.662	29.833
9394.674	10925.968	6.255	7429.658	106.443
1.003	14.813			
3/22/2016 2:25:00 AM	570300.000	13.090	17.662	29.836
9396.127	10927.658	6.257	7430.808	106.427
1.003	14.813			
3/22/2016 2:30:00 AM	570600.000	13.091	17.662	29.839
9395.390	10926.863	6.256	7430.268	106.435
1.003	14.812			
3/22/2016 2:35:00 AM	570900.000	13.092	17.662	29.840
9400.353	10932.532	6.260	7434.123	106.379
1.003	14.812			
3/22/2016 2:40:00 AM	571200.000	13.098	17.663	29.854
9401.147	10933.328	6.260	7434.663	106.370
1.003	14.812			
3/22/2016 2:45:00 AM	571500.000	13.093	17.662	29.843
9401.146	10933.663	6.260	7434.892	106.370
1.003	14.811			
3/22/2016 2:50:00 AM	571800.000	13.095	17.662	29.848
9403.538	10936.381	6.262	7436.739	106.343
1.003	14.811			
3/22/2016 2:55:00 AM	572100.000	13.096	17.662	29.849
9403.557	10936.382	6.262	7436.740	106.343
1.003	14.811			
3/22/2016 3:00:00 AM	572400.000	13.094	17.663	29.845
9408.240	10941.660	6.265	7440.330	106.290
1.003	14.811			
3/22/2016 3:05:00 AM	572700.000	13.097	17.662	29.852
9410.381	10944.213	6.267	7442.065	106.266
1.003	14.808			
3/22/2016 3:10:00 AM	573000.000	13.104	17.662	29.869
9409.243	10942.890	6.266	7441.166	106.278
1.003	14.805			
3/22/2016 3:15:00 AM	573300.000	13.103	17.662	29.865

9414.766	10949.271	6.270	7445.504	106.216
1.003	14.802			
3/22/2016 3:20:00 AM	573600.000	13.102	17.662	29.864
9412.093	10946.267	6.268	7443.462	106.246
1.003	14.804			
3/22/2016 3:25:00 AM	573900.000	13.099	17.662	29.857
9416.393	10951.331	6.271	7446.906	106.198
1.003	14.806			
3/22/2016 3:30:00 AM	574200.000	13.099	17.662	29.856
9419.849	10955.224	6.274	7449.553	106.159
1.003	14.807			
3/22/2016 3:35:00 AM	574500.000	13.098	17.663	29.854
9416.246	10950.910	6.271	7446.620	106.199
1.003	14.808			
3/22/2016 3:40:00 AM	574800.000	13.103	17.662	29.867
9418.501	10953.679	6.273	7448.501	106.174
1.003	14.808			
3/22/2016 3:45:00 AM	575100.000	13.099	17.662	29.856
9419.668	10955.014	6.273	7449.410	106.161
1.003	14.808			
3/22/2016 3:50:00 AM	575400.000	13.097	17.662	29.852
9422.630	10958.564	6.276	7451.824	106.127
1.003	14.808			
3/22/2016 3:55:00 AM	575700.000	13.099	17.662	29.856
9425.599	10962.017	6.278	7454.172	106.094
1.003	14.809			
3/22/2016 4:00:00 AM	576000.000	13.098	17.662	29.854
9422.717	10958.582	6.276	7451.836	106.127
1.003	14.809			
3/22/2016 4:05:00 AM	576300.000	13.096	17.663	29.851
9426.923	10963.327	6.279	7455.063	106.079
1.003	14.812			
3/22/2016 4:10:00 AM	576600.000	13.094	17.662	29.844
9426.568	10963.230	6.278	7454.997	106.083
1.003	14.814			
3/22/2016 4:15:00 AM	576900.000	13.092	17.662	29.841
9427.547	10964.304	6.279	7455.727	106.072
1.003	14.817			
3/22/2016 4:20:00 AM	577200.000	13.093	17.662	29.843
9431.501	10968.839	6.282	7458.811	106.028
1.003	14.815			
3/22/2016 4:25:00 AM	577500.000	13.100	17.662	29.860
9430.937	10968.311	6.282	7458.452	106.034
1.003	14.813			
3/22/2016 4:30:00 AM	577800.000	13.098	17.662	29.854
9429.572	10966.596	6.281	7457.286	106.049
1.003	14.811			
3/22/2016 4:35:00 AM	578100.000	13.102	17.662	29.862
9428.601	10965.446	6.280	7456.504	106.060
1.003	14.809			
3/22/2016 4:40:00 AM	578400.000	13.102	17.662	29.863
9434.142	10971.952	6.284	7460.928	105.998
1.003	14.807			
3/22/2016 4:45:00 AM	578700.000	13.105	17.663	29.871
9433.755	10971.313	6.283	7460.494	106.002
1.003	14.806			
3/22/2016 4:50:00 AM	579000.000	13.110	17.662	29.882
9430.658	10967.901	6.281	7458.173	106.037

1.003	14.806			
3/22/2016 4:55:00 AM	579300.000	13.105	17.662	29.871
9430.646	10967.739	6.281	7458.063	106.037
1.003	14.806			
3/22/2016 5:00:00 AM	579600.000	13.106	17.662	29.873
9424.880	10961.244	6.277	7453.646	106.102
1.003	14.806			
3/22/2016 5:05:00 AM	579900.000	13.104	17.662	29.867
9415.640	10950.455	6.271	7446.310	106.206
1.003	14.807			
3/22/2016 5:10:00 AM	580200.000	13.104	17.662	29.868
9405.461	10938.659	6.263	7438.288	106.321
1.003	14.809			
3/22/2016 5:15:00 AM	580500.000	13.103	17.662	29.865
9395.983	10927.427	6.256	7430.651	106.428
1.003	14.810			
3/22/2016 5:20:00 AM	580800.000	13.106	17.662	29.873
9389.821	10920.347	6.252	7425.836	106.498
1.003	14.812			
3/22/2016 5:25:00 AM	581100.000	13.100	17.662	29.858
9381.693	10910.894	6.246	7419.408	106.591
1.003	14.814			
3/22/2016 5:30:00 AM	581400.000	13.100	17.662	29.860
9369.468	10896.675	6.237	7409.739	106.730
1.003	14.816			
3/22/2016 5:35:00 AM	581700.000	13.102	17.662	29.863
9369.005	10896.242	6.237	7409.445	106.735
1.003	14.814			
3/22/2016 5:40:00 AM	582000.000	13.104	17.662	29.867
9356.527	10881.707	6.228	7399.562	106.877
1.003	14.813			
3/22/2016 5:45:00 AM	582300.000	13.105	17.662	29.871
9354.437	10879.213	6.227	7397.865	106.901
1.003	14.811			
3/22/2016 5:50:00 AM	582600.000	13.107	17.661	29.875
9344.109	10867.394	6.219	7389.828	107.019
1.003	14.814			
3/22/2016 5:55:00 AM	582900.000	13.106	17.662	29.873
9336.594	10858.504	6.214	7383.783	107.105
1.003	14.816			
3/22/2016 6:00:00 AM	583200.000	13.101	17.662	29.862
9335.638	10857.350	6.213	7382.999	107.116
1.003	14.819			
3/22/2016 6:05:00 AM	583500.000	13.097	17.661	29.853
9330.474	10851.554	6.210	7379.057	107.176
1.003	14.821			
3/22/2016 6:10:00 AM	583800.000	13.096	17.662	29.850
9325.507	10845.694	6.206	7375.072	107.233
1.003	14.823			
3/22/2016 6:15:00 AM	584100.000	13.095	17.661	29.848
9317.466	10836.406	6.200	7368.757	107.325
1.003	14.825			
3/22/2016 6:20:00 AM	584400.000	13.098	17.662	29.855
9312.252	10830.134	6.196	7364.492	107.385
1.003	14.823			
3/22/2016 6:25:00 AM	584700.000	13.100	17.662	29.859
9307.450	10824.654	6.193	7360.766	107.441
1.003	14.822			

3/22/2016 6:30:00 AM	585000.000	13.101	17.661	29.861
9304.447	10821.224	6.191	7358.432	107.475
1.003	14.821			
3/22/2016 6:35:00 AM	585300.000	13.104	17.662	29.867
9297.798	10813.384	6.186	7353.101	107.552
1.003	14.822			
3/22/2016 6:40:00 AM	585600.000	13.099	17.662	29.856
9301.160	10817.190	6.188	7355.690	107.513
1.003	14.824			
3/22/2016 6:45:00 AM	585900.000	13.099	17.661	29.856
9292.289	10807.104	6.182	7348.831	107.616
1.003	14.825			
3/22/2016 6:50:00 AM	586200.000	13.096	17.661	29.851
9291.005	10805.610	6.181	7347.815	107.631
1.003	14.828			
3/22/2016 6:55:00 AM	586500.000	13.095	17.662	29.847
9287.069	10800.969	6.179	7344.659	107.677
1.003	14.830			
3/22/2016 7:00:00 AM	586800.000	13.094	17.662	29.845
9278.725	10791.286	6.173	7338.075	107.773
1.003	14.833			
3/22/2016 7:05:00 AM	587100.000	13.096	17.661	29.850
9277.372	10789.796	6.172	7337.062	107.789
1.003	14.829			
3/22/2016 7:10:00 AM	587400.000	13.100	17.662	29.859
9271.257	10782.517	6.167	7332.112	107.860
1.003	14.826			
3/22/2016 7:15:00 AM	587700.000	13.103	17.662	29.865
9267.274	10777.905	6.164	7328.976	107.907
1.003	14.822			
3/22/2016 7:20:00 AM	588000.000	13.102	17.661	29.863
9262.511	10772.493	6.161	7325.296	107.962
1.003	14.824			
3/22/2016 7:25:00 AM	588300.000	13.102	17.661	29.865
9257.856	10767.058	6.158	7321.600	108.016
1.003	14.826			
3/22/2016 7:30:00 AM	588600.000	13.100	17.661	29.858
9256.559	10765.549	6.157	7320.574	108.032
1.003	14.828			
3/22/2016 7:35:00 AM	588900.000	13.097	17.662	29.851
9249.537	10757.318	6.152	7314.977	108.114
1.003	14.832			
3/22/2016 7:40:00 AM	589200.000	13.096	17.661	29.849
9246.025	10753.298	6.149	7312.243	108.155
1.003	14.836			
3/22/2016 7:45:00 AM	589500.000	13.090	17.662	29.836
9240.521	10746.648	6.145	7307.722	108.219
1.003	14.840			
3/22/2016 7:50:00 AM	589800.000	13.096	17.661	29.849
9239.144	10745.295	6.144	7306.801	108.235
1.003	14.837			
3/22/2016 7:55:00 AM	590100.000	13.100	17.661	29.858
9236.308	10741.996	6.142	7304.558	108.268
1.003	14.833			
3/22/2016 8:00:00 AM	590400.000	13.104	17.661	29.869
9232.515	10737.585	6.140	7301.558	108.313
1.003	14.830			
3/22/2016 8:05:00 AM	590700.000	13.101	17.661	29.860



9231.649	10736.579	6.139	7300.874	108.323
1.003	14.833			
3/22/2016 8:10:00 AM	591000.000	13.100	17.661	29.859
9225.868	10729.835	6.135	7296.289	108.391
1.003	14.836			
3/22/2016 8:15:00 AM	591300.000	13.096	17.662	29.849
9222.599	10725.988	6.132	7293.672	108.429
1.003	14.839			
3/22/2016 8:20:00 AM	591600.000	13.099	17.662	29.858
9218.251	10720.933	6.129	7290.234	108.480
1.003	14.841			
3/22/2016 8:25:00 AM	591900.000	13.098	17.661	29.854
9217.391	10719.976	6.129	7289.583	108.491
1.003	14.844			
3/22/2016 8:30:00 AM	592200.000	13.091	17.662	29.839
9216.260	10718.535	6.128	7288.604	108.504
1.003	14.847			
3/22/2016 8:35:00 AM	592500.000	13.092	17.662	29.841
9212.397	10714.063	6.125	7285.563	108.549
1.003	14.846			
3/22/2016 8:40:00 AM	592800.000	13.092	17.662	29.841
9209.537	10710.798	6.123	7283.343	108.583
1.003	14.845			
3/22/2016 8:45:00 AM	593100.000	13.094	17.662	29.844
9205.869	10706.490	6.120	7280.414	108.626
1.003	14.845			
3/22/2016 8:50:00 AM	593400.000	13.094	17.662	29.845
9204.693	10705.103	6.120	7279.470	108.640
1.003	14.846			
3/22/2016 8:55:00 AM	593700.000	13.095	17.662	29.847
9201.441	10701.279	6.117	7276.870	108.679
1.003	14.847			
3/22/2016 9:00:00 AM	594000.000	13.093	17.661	29.843
9197.384	10696.707	6.114	7273.761	108.727
1.003	14.847			
3/22/2016 9:05:00 AM	594300.000	13.095	17.661	29.848
9196.488	10695.686	6.114	7273.066	108.737
1.003	14.846			
3/22/2016 9:10:00 AM	594600.000	13.103	17.662	29.866
9195.388	10694.364	6.113	7272.168	108.750
1.003	14.845			
3/22/2016 9:15:00 AM	594900.000	13.099	17.662	29.857
9191.064	10689.232	6.110	7268.679	108.801
1.003	14.844			
3/22/2016 9:20:00 AM	595200.000	13.097	17.661	29.852
9190.486	10688.770	6.109	7268.363	108.808
1.003	14.847			
3/22/2016 9:25:00 AM	595500.000	13.095	17.662	29.849
9188.318	10686.039	6.108	7266.507	108.834
1.003	14.850			
3/22/2016 9:30:00 AM	595800.000	13.093	17.661	29.843
9186.136	10683.646	6.106	7264.879	108.860
1.003	14.853			
3/22/2016 9:35:00 AM	596100.000	13.093	17.662	29.843
9183.017	10679.790	6.104	7262.258	108.897
1.003	14.853			
3/22/2016 9:40:00 AM	596400.000	13.095	17.661	29.847
9180.681	10677.341	6.102	7260.592	108.924

1.003	14.854			
3/22/2016 9:45:00 AM	596700.000	13.094	17.661	29.846
9178.938	10675.315	6.101	7259.215	108.945
1.003	14.854			
3/22/2016 9:50:00 AM	597000.000	13.094	17.661	29.846
9179.227	10675.650	6.101	7259.443	108.942
1.003	14.854			
3/22/2016 9:55:00 AM	597300.000	13.096	17.661	29.849
9176.283	10672.187	6.099	7257.087	108.977
1.003	14.854			
3/22/2016 10:00:00 AM	597600.000	13.096	17.662	29.851
9172.307	10667.438	6.096	7253.857	109.024
1.003	14.855			
3/22/2016 10:05:00 AM	597900.000	13.094	17.662	29.845
9172.680	10667.871	6.097	7254.153	109.019
1.003	14.857			
3/22/2016 10:10:00 AM	598200.000	13.092	17.662	29.841
9170.549	10665.333	6.095	7252.427	109.045
1.003	14.859			
3/22/2016 10:15:00 AM	598500.000	13.092	17.662	29.840
9170.655	10665.517	6.095	7252.552	109.043
1.003	14.862			
3/22/2016 10:20:00 AM	598800.000	13.092	17.661	29.842
9169.736	10664.655	6.095	7251.966	109.054
1.003	14.860			
3/22/2016 10:25:00 AM	599100.000	13.094	17.661	29.844
9168.013	10662.568	6.093	7250.547	109.075
1.003	14.858			
3/22/2016 10:30:00 AM	599400.000	13.097	17.661	29.852
9166.423	10660.759	6.092	7249.316	109.094
1.003	14.857			
3/22/2016 10:35:00 AM	599700.000	13.101	17.662	29.861
9165.200	10659.152	6.091	7248.224	109.108
1.003	14.858			
3/22/2016 10:40:00 AM	600000.000	13.095	17.662	29.847
9166.387	10660.596	6.092	7249.206	109.094
1.003	14.859			
3/22/2016 10:45:00 AM	600300.000	13.099	17.661	29.856
9163.015	10656.795	6.090	7246.621	109.134
1.003	14.860			
3/22/2016 10:50:00 AM	600600.000	13.092	17.662	29.840
9161.805	10655.307	6.089	7245.609	109.149
1.003	14.861			
3/22/2016 10:55:00 AM	600900.000	13.093	17.662	29.844
9160.063	10653.096	6.088	7244.105	109.170
1.003	14.861			
3/22/2016 11:00:00 AM	601200.000	13.091	17.661	29.838
9158.146	10651.195	6.086	7242.813	109.192
1.003	14.862			
3/22/2016 11:05:00 AM	601500.000	13.093	17.661	29.842
9159.859	10653.107	6.088	7244.113	109.172
1.003	14.860			
3/22/2016 11:10:00 AM	601800.000	13.095	17.662	29.847
9157.409	10650.131	6.086	7242.089	109.201
1.003	14.859			
3/22/2016 11:15:00 AM	602100.000	13.097	17.661	29.853
9158.020	10650.946	6.086	7242.644	109.194
1.003	14.858			

3/22/2016 11:20:00 AM	602400.000	13.095	17.662	29.849
9155.428	10647.704	6.084	7240.439	109.225
1.003	14.859			
3/22/2016 11:25:00 AM	602700.000	13.100	17.662	29.859
9153.940	10646.121	6.083	7239.363	109.243
1.003	14.859			
3/22/2016 11:30:00 AM	603000.000	13.092	17.661	29.840
9152.300	10644.334	6.082	7238.147	109.262
1.003	14.860			
3/22/2016 11:35:00 AM	603300.000	13.095	17.662	29.846
9151.973	10643.645	6.082	7237.679	109.266
1.003	14.861			
3/22/2016 11:40:00 AM	603600.000	13.099	17.662	29.856
9151.396	10643.117	6.081	7237.320	109.273
1.003	14.861			
3/22/2016 11:45:00 AM	603900.000	13.094	17.661	29.846
9151.290	10643.100	6.081	7237.308	109.274
1.003	14.861			
3/22/2016 11:50:00 AM	604200.000	13.093	17.662	29.843
9149.950	10641.479	6.080	7236.207	109.290
1.003	14.862			
3/22/2016 11:55:00 AM	604500.000	13.093	17.661	29.843
9147.334	10638.559	6.079	7234.220	109.321
1.003	14.862			
3/22/2016 12:00:00 PM	604800.000	13.097	17.661	29.851
9150.889	10642.633	6.081	7236.990	109.279
1.003	14.862			
3/22/2016 12:05:00 PM	605100.000	13.090	17.661	29.836
9146.996	10638.105	6.078	7233.912	109.326
1.003	14.864			
3/22/2016 12:10:00 PM	605400.000	13.089	17.661	29.834
9148.233	10639.628	6.079	7234.948	109.311
1.003	14.865			
3/22/2016 12:15:00 PM	605700.000	13.089	17.662	29.834
9149.208	10640.617	6.080	7235.620	109.299
1.003	14.866			
3/22/2016 12:20:00 PM	606000.000	13.095	17.662	29.847
9146.526	10637.516	6.078	7233.511	109.331
1.003	14.863			
3/22/2016 12:25:00 PM	606300.000	13.094	17.662	29.846
9145.727	10636.544	6.077	7232.851	109.341
1.003	14.860			
3/22/2016 12:30:00 PM	606600.000	13.093	17.661	29.844
9145.652	10636.584	6.077	7232.877	109.342
1.003	14.857			
3/22/2016 12:35:00 PM	606900.000	13.093	17.662	29.844
9144.804	10635.534	6.077	7232.164	109.352
1.003	14.859			
3/22/2016 12:40:00 PM	607200.000	13.090	17.662	29.835
9145.793	10636.685	6.077	7232.946	109.340
1.003	14.860			
3/22/2016 12:45:00 PM	607500.000	13.089	17.661	29.833
9143.873	10634.576	6.076	7231.512	109.363
1.003	14.862			
3/22/2016 12:50:00 PM	607800.000	13.086	17.662	29.828
9143.805	10634.229	6.076	7231.276	109.364
1.003	14.865			
3/22/2016 12:55:00 PM	608100.000	13.083	17.661	29.820

9143.730	10634.391	6.076	7231.386	109.365
1.003	14.867			
3/22/2016 1:00:00 PM	608400.000	13.080	17.662	29.814
9141.747	10631.876	6.075	7229.676	109.388
1.003	14.870			
3/22/2016 1:05:00 PM	608700.000	13.084	17.661	29.822
9141.593	10631.841	6.074	7229.652	109.390
1.003	14.866			
3/22/2016 1:10:00 PM	609000.000	13.087	17.662	29.829
9141.835	10632.042	6.075	7229.789	109.387
1.003	14.862			
3/22/2016 1:15:00 PM	609300.000	13.089	17.661	29.834
9142.458	10632.848	6.075	7230.336	109.380
1.003	14.858			
3/22/2016 1:20:00 PM	609600.000	13.090	17.661	29.837
9140.087	10630.111	6.073	7228.476	109.408
1.003	14.856			
3/22/2016 1:25:00 PM	609900.000	13.091	17.662	29.839
9140.440	10630.335	6.074	7228.628	109.404
1.003	14.855			
3/22/2016 1:30:00 PM	610200.000	13.097	17.661	29.852
9139.019	10628.848	6.073	7227.617	109.421
1.003	14.853			
3/22/2016 1:35:00 PM	610500.000	13.091	17.662	29.838
9137.959	10627.490	6.072	7226.694	109.434
1.003	14.854			
3/22/2016 1:40:00 PM	610800.000	13.089	17.663	29.835
9138.880	10628.398	6.072	7227.312	109.423
1.003	14.854			
3/22/2016 1:45:00 PM	611100.000	13.087	17.662	29.830
9136.888	10626.225	6.071	7225.833	109.446
1.003	14.855			
3/22/2016 1:50:00 PM	611400.000	13.089	17.662	29.835
9139.000	10628.642	6.073	7227.477	109.421
1.003	14.853			
3/22/2016 1:55:00 PM	611700.000	13.092	17.662	29.840
9138.499	10628.180	6.072	7227.163	109.427
1.003	14.851			
3/22/2016 2:00:00 PM	612000.000	13.093	17.662	29.843
9137.963	10627.414	6.072	7226.642	109.434
1.003	14.849			
3/22/2016 2:05:00 PM	612300.000	13.092	17.662	29.840
9137.533	10626.893	6.071	7226.288	109.439
1.003	14.849			
3/22/2016 2:10:00 PM	612600.000	13.091	17.662	29.839
9136.671	10625.973	6.071	7225.662	109.449
1.003	14.849			
3/22/2016 2:15:00 PM	612900.000	13.089	17.662	29.834
9137.737	10627.294	6.072	7226.561	109.436
1.003	14.850			
3/22/2016 2:20:00 PM	613200.000	13.091	17.661	29.837
9138.048	10627.758	6.072	7226.876	109.433
1.003	14.848			
3/22/2016 2:25:00 PM	613500.000	13.092	17.663	29.841
9138.341	10627.771	6.072	7226.885	109.429
1.003	14.847			
3/22/2016 2:30:00 PM	613800.000	13.092	17.662	29.840
9139.943	10629.882	6.073	7228.320	109.410

1.003	14.846			
3/22/2016 2:35:00 PM	614100.000	13.092	17.662	29.841
9135.972	10625.159	6.070	7225.108	109.457
1.003	14.846			
3/22/2016 2:40:00 PM	614400.000	13.092	17.662	29.841
9138.034	10627.497	6.072	7226.698	109.433
1.003	14.845			
3/22/2016 2:45:00 PM	614700.000	13.097	17.662	29.851
9138.013	10627.573	6.072	7226.750	109.433
1.003	14.845			
3/22/2016 2:50:00 PM	615000.000	13.092	17.662	29.841
9137.039	10626.504	6.071	7226.023	109.445
1.003	14.844			
3/22/2016 2:55:00 PM	615300.000	13.091	17.661	29.839
9135.871	10625.167	6.070	7225.114	109.459
1.003	14.844			
3/22/2016 3:00:00 PM	615600.000	13.091	17.662	29.839
9137.310	10626.797	6.071	7226.223	109.441
1.003	14.843			
3/22/2016 3:05:00 PM	615900.000	13.090	17.662	29.837
9135.213	10624.340	6.070	7224.552	109.467
1.003	14.844			
3/22/2016 3:10:00 PM	616200.000	13.093	17.663	29.843
9138.107	10627.440	6.072	7226.660	109.432
1.003	14.844			
3/22/2016 3:15:00 PM	616500.000	13.086	17.662	29.827
9136.345	10625.532	6.071	7225.362	109.453
1.003	14.845			
3/22/2016 3:20:00 PM	616800.000	13.090	17.662	29.835
9136.148	10625.304	6.070	7225.207	109.455
1.003	14.842			
3/22/2016 3:25:00 PM	617100.000	13.091	17.662	29.839
9135.300	10624.254	6.070	7224.493	109.465
1.003	14.840			
3/22/2016 3:30:00 PM	617400.000	13.094	17.661	29.846
9133.488	10622.437	6.069	7223.257	109.487
1.003	14.837			
3/22/2016 3:35:00 PM	617700.000	13.092	17.662	29.841
9133.890	10622.777	6.069	7223.489	109.482
1.003	14.837			
3/22/2016 3:40:00 PM	618000.000	13.095	17.662	29.847
9132.754	10621.438	6.068	7222.578	109.496
1.003	14.838			
3/22/2016 3:45:00 PM	618300.000	13.091	17.662	29.838
9134.548	10623.566	6.069	7224.026	109.474
1.003	14.838			
3/22/2016 3:50:00 PM	618600.000	13.093	17.662	29.843
9133.503	10622.309	6.069	7223.170	109.487
1.003	14.838			
3/22/2016 3:55:00 PM	618900.000	13.092	17.662	29.841
9132.180	10620.813	6.068	7222.153	109.503
1.003	14.838			
3/22/2016 4:00:00 PM	619200.000	13.091	17.661	29.839
9135.210	10624.439	6.070	7224.620	109.467
1.003	14.838			
3/22/2016 4:05:00 PM	619500.000	13.091	17.662	29.839
9133.291	10622.123	6.069	7223.044	109.490
1.003	14.835			

3/22/2016 4:10:00 PM	619800.000	13.099	17.662	29.856
9135.054	10624.195	6.070	7224.454	109.468
1.003	14.833			
3/22/2016 4:15:00 PM	620100.000	13.097	17.662	29.852
9131.022	10619.443	6.067	7221.222	109.517
1.003	14.830			
3/22/2016 4:20:00 PM	620400.000	13.094	17.662	29.844
9134.121	10622.986	6.069	7223.631	109.480
1.003	14.831			
3/22/2016 4:25:00 PM	620700.000	13.092	17.663	29.841
9134.197	10622.910	6.069	7223.580	109.479
1.003	14.833			
3/22/2016 4:30:00 PM	621000.000	13.088	17.662	29.832
9132.853	10621.635	6.068	7222.712	109.495
1.003	14.835			
3/22/2016 4:35:00 PM	621300.000	13.090	17.662	29.835
9132.570	10621.284	6.068	7222.474	109.498
1.003	14.834			
3/22/2016 4:40:00 PM	621600.000	13.091	17.661	29.838
9132.818	10621.616	6.068	7222.700	109.495
1.003	14.834			
3/22/2016 4:45:00 PM	621900.000	13.096	17.662	29.850
9133.664	10622.436	6.069	7223.256	109.485
1.003	14.833			
3/22/2016 4:50:00 PM	622200.000	13.090	17.661	29.835
9131.543	10620.217	6.067	7221.748	109.511
1.003	14.834			
3/22/2016 4:55:00 PM	622500.000	13.092	17.662	29.840
9132.813	10621.506	6.068	7222.625	109.495
1.003	14.834			
3/22/2016 5:00:00 PM	622800.000	13.095	17.662	29.847
9133.786	10622.578	6.069	7223.354	109.484
1.003	14.835			
3/22/2016 5:05:00 PM	623100.000	13.090	17.662	29.836
9134.377	10623.205	6.069	7223.780	109.477
1.003	14.835			
3/22/2016 5:10:00 PM	623400.000	13.090	17.662	29.836
9131.260	10619.618	6.067	7221.341	109.514
1.003	14.835			
3/22/2016 5:15:00 PM	623700.000	13.091	17.662	29.838
9131.251	10619.750	6.067	7221.430	109.514
1.003	14.835			
3/22/2016 5:20:00 PM	624000.000	13.086	17.662	29.828
9131.311	10619.738	6.067	7221.422	109.513
1.003	14.834			
3/22/2016 5:25:00 PM	624300.000	13.088	17.662	29.832
9131.752	10620.333	6.067	7221.827	109.508
1.003	14.833			
3/22/2016 5:30:00 PM	624600.000	13.087	17.662	29.829
9130.409	10618.650	6.066	7220.683	109.524
1.003	14.832			
3/22/2016 5:35:00 PM	624900.000	13.087	17.661	29.830
9130.679	10619.128	6.067	7221.007	109.521
1.003	14.832			
3/22/2016 5:40:00 PM	625200.000	13.088	17.662	29.832
9129.122	10617.153	6.065	7219.665	109.540
1.003	14.831			
3/22/2016 5:45:00 PM	625500.000	13.094	17.662	29.844

9130.367	10618.682	6.066	7220.704	109.525
1.003	14.830			
3/22/2016 5:50:00 PM	625800.000	13.087	17.661	29.830
9129.013	10617.190	6.065	7219.690	109.541
1.003	14.833			
3/22/2016 5:55:00 PM	626100.000	13.085	17.662	29.824
9129.682	10617.721	6.066	7220.051	109.533
1.003	14.835			
3/22/2016 6:00:00 PM	626400.000	13.083	17.661	29.819
9129.566	10617.876	6.066	7220.156	109.534
1.003	14.838			
3/22/2016 6:05:00 PM	626700.000	13.085	17.662	29.824
9133.652	10622.502	6.069	7223.301	109.485
1.003	14.837			
3/22/2016 6:10:00 PM	627000.000	13.091	17.662	29.838
9145.369	10636.006	6.077	7232.484	109.345
1.003	14.836			
3/22/2016 6:15:00 PM	627300.000	13.088	17.662	29.831
9163.495	10657.209	6.090	7246.902	109.129
1.003	14.834			
3/22/2016 6:20:00 PM	627600.000	13.087	17.662	29.830
9181.179	10677.775	6.103	7260.888	108.918
1.003	14.834			
3/22/2016 6:25:00 PM	627900.000	13.089	17.662	29.833
9200.551	10700.285	6.117	7276.194	108.689
1.003	14.834			
3/22/2016 6:30:00 PM	628200.000	13.091	17.662	29.838
9213.204	10715.021	6.126	7286.215	108.540
1.003	14.833			
3/22/2016 6:35:00 PM	628500.000	13.089	17.662	29.833
9221.516	10724.607	6.132	7292.733	108.442
1.003	14.833			
3/22/2016 6:40:00 PM	628800.000	13.095	17.662	29.846
9227.091	10731.048	6.135	7297.113	108.377
1.003	14.833			
3/22/2016 6:45:00 PM	629100.000	13.091	17.662	29.838
9238.054	10743.841	6.143	7305.813	108.248
1.003	14.834			
3/22/2016 6:50:00 PM	629400.000	13.091	17.662	29.839
9244.307	10751.153	6.148	7310.784	108.175
1.003	14.835			
3/22/2016 6:55:00 PM	629700.000	13.088	17.662	29.833
9252.471	10760.586	6.154	7317.199	108.079
1.003	14.836			
3/22/2016 7:00:00 PM	630000.000	13.090	17.662	29.836
9260.359	10769.697	6.159	7323.395	107.987
1.003	14.837			
3/22/2016 7:05:00 PM	630300.000	13.089	17.662	29.834
9267.885	10778.553	6.165	7329.417	107.899
1.003	14.835			
3/22/2016 7:10:00 PM	630600.000	13.089	17.663	29.835
9274.709	10786.346	6.170	7334.716	107.820
1.003	14.832			
3/22/2016 7:15:00 PM	630900.000	13.096	17.663	29.849
9279.616	10792.053	6.173	7338.596	107.763
1.003	14.830			
3/22/2016 7:20:00 PM	631200.000	13.092	17.663	29.841
9287.776	10801.543	6.179	7345.050	107.668

1.003	14.833			
3/22/2016 7:25:00 PM	631500.000	13.092	17.662	29.840
9290.047	10804.224	6.181	7346.873	107.642
1.003	14.836			
3/22/2016 7:30:00 PM	631800.000	13.094	17.662	29.846
9295.090	10810.131	6.184	7350.890	107.584
1.003	14.839			
3/22/2016 7:35:00 PM	632100.000	13.089	17.662	29.833
9301.503	10817.547	6.189	7355.933	107.510
1.003	14.839			
3/22/2016 7:40:00 PM	632400.000	13.091	17.663	29.838
9309.192	10826.427	6.194	7361.970	107.421
1.003	14.839			
3/22/2016 7:45:00 PM	632700.000	13.096	17.663	29.849
9310.297	10827.693	6.195	7362.832	107.408
1.003	14.839			
3/22/2016 7:50:00 PM	633000.000	13.095	17.662	29.848
9315.344	10833.668	6.199	7366.895	107.350
1.003	14.840			
3/22/2016 7:55:00 PM	633300.000	13.090	17.662	29.837
9319.784	10838.832	6.202	7370.406	107.299
1.003	14.841			
3/22/2016 8:00:00 PM	633600.000	13.092	17.663	29.841
9325.437	10845.237	6.206	7374.762	107.234
1.003	14.843			
3/22/2016 8:05:00 PM	633900.000	13.091	17.663	29.838
9329.259	10849.639	6.208	7377.755	107.190
1.003	14.843			
3/22/2016 8:10:00 PM	634200.000	13.091	17.663	29.838
9332.319	10853.365	6.211	7380.289	107.154
1.003	14.844			
3/22/2016 8:15:00 PM	634500.000	13.091	17.663	29.839
9331.177	10851.849	6.210	7379.258	107.168
1.003	14.845			
3/22/2016 8:20:00 PM	634800.000	13.095	17.663	29.849
9340.901	10863.285	6.217	7387.034	107.056
1.003	14.846			
3/22/2016 8:25:00 PM	635100.000	13.096	17.662	29.850
9340.004	10862.387	6.216	7386.423	107.066
1.003	14.847			
3/22/2016 8:30:00 PM	635400.000	13.091	17.663	29.838
9341.546	10863.948	6.217	7387.485	107.049
1.003	14.847			
3/22/2016 8:35:00 PM	635700.000	13.089	17.663	29.834
9349.046	10872.735	6.223	7393.460	106.963
1.003	14.850			
3/22/2016 8:40:00 PM	636000.000	13.089	17.663	29.833
9354.790	10879.479	6.227	7398.045	106.897
1.003	14.852			
3/22/2016 8:45:00 PM	636300.000	13.087	17.663	29.829
9351.259	10875.269	6.224	7395.183	106.937
1.003	14.855			
3/22/2016 8:50:00 PM	636600.000	13.091	17.662	29.838
9355.634	10880.500	6.227	7398.741	106.887
1.003	14.851			
3/22/2016 8:55:00 PM	636900.000	13.099	17.662	29.856
9356.810	10881.868	6.228	7399.670	106.874
1.003	14.848			



3/22/2016 9:00:00 PM	637200.000	13.098	17.663	29.855
9359.794	10885.130	6.230	7401.888	106.840
1.003	14.844			
3/22/2016 9:05:00 PM	637500.000	13.096	17.663	29.849
9364.447	10890.729	6.234	7405.697	106.787
1.003	14.848			
3/22/2016 9:10:00 PM	637800.000	13.093	17.663	29.844
9362.537	10888.488	6.232	7404.172	106.809
1.003	14.852			
3/22/2016 9:15:00 PM	638100.000	13.090	17.663	29.835
9367.995	10894.773	6.236	7408.446	106.746
1.003	14.855			
3/22/2016 9:20:00 PM	638400.000	13.091	17.662	29.840
9372.141	10899.784	6.239	7411.854	106.699
1.003	14.854			
3/22/2016 9:25:00 PM	638700.000	13.095	17.663	29.848
9372.256	10899.769	6.239	7411.843	106.698
1.003	14.853			
3/22/2016 9:30:00 PM	639000.000	13.100	17.663	29.859
9370.282	10897.495	6.238	7410.297	106.720
1.003	14.852			
3/22/2016 9:35:00 PM	639300.000	13.096	17.663	29.850
9376.645	10904.832	6.242	7415.286	106.648
1.003	14.852			
3/22/2016 9:40:00 PM	639600.000	13.100	17.663	29.858
9375.697	10903.730	6.242	7414.537	106.659
1.003	14.852			
3/22/2016 9:45:00 PM	639900.000	13.100	17.663	29.859
9379.798	10908.582	6.245	7417.836	106.612
1.003	14.853			
3/22/2016 9:50:00 PM	640200.000	13.096	17.663	29.851
9382.259	10911.340	6.246	7419.711	106.584
1.003	14.856			
3/22/2016 9:55:00 PM	640500.000	13.094	17.663	29.844
9383.909	10913.259	6.248	7421.017	106.565
1.003	14.859			
3/22/2016 10:00:00 PM	640800.000	13.090	17.663	29.837
9384.523	10914.035	6.248	7421.544	106.558
1.003	14.863			
3/22/2016 10:05:00 PM	641100.000	13.092	17.663	29.840
9384.679	10914.238	6.248	7421.682	106.557
1.003	14.863			
3/22/2016 10:10:00 PM	641400.000	13.091	17.663	29.840
9385.353	10915.022	6.249	7422.215	106.549
1.003	14.864			
3/22/2016 10:15:00 PM	641700.000	13.094	17.662	29.846
9385.566	10915.312	6.249	7422.413	106.547
1.003	14.865			
3/22/2016 10:20:00 PM	642000.000	13.091	17.662	29.839
9387.166	10917.196	6.250	7423.694	106.528
1.003	14.864			
3/22/2016 10:25:00 PM	642300.000	13.097	17.662	29.852
9386.196	10916.236	6.249	7423.042	106.539
1.003	14.862			
3/22/2016 10:30:00 PM	642600.000	13.094	17.662	29.845
9391.054	10921.693	6.253	7426.751	106.484
1.003	14.861			
3/22/2016 10:35:00 PM	642900.000	13.097	17.662	29.851

9388.461	10918.742	6.251	7424.745	106.514
1.003	14.859			
3/22/2016 10:40:00 PM	643200.000	13.099	17.663	29.856
9390.066	10920.481	6.252	7425.928	106.496
1.003	14.857			
3/22/2016 10:45:00 PM	643500.000	13.101	17.663	29.861
9393.542	10924.566	6.255	7428.705	106.456
1.003	14.854			
3/22/2016 10:50:00 PM	643800.000	13.099	17.662	29.857
9392.263	10923.247	6.254	7427.808	106.471
1.003	14.856			
3/22/2016 10:55:00 PM	644100.000	13.099	17.662	29.856
9391.921	10922.767	6.254	7427.481	106.474
1.003	14.857			
3/22/2016 11:00:00 PM	644400.000	13.098	17.663	29.855
9393.159	10924.121	6.254	7428.403	106.460
1.003	14.858			
3/22/2016 11:05:00 PM	644700.000	13.099	17.662	29.858
9394.362	10925.646	6.255	7429.440	106.447
1.003	14.858			
3/22/2016 11:10:00 PM	645000.000	13.101	17.662	29.862
9394.957	10926.381	6.256	7429.939	106.440
1.003	14.858			
3/22/2016 11:15:00 PM	645300.000	13.100	17.662	29.858
9392.940	10923.952	6.254	7428.288	106.463
1.003	14.858			
3/22/2016 11:20:00 PM	645600.000	13.101	17.662	29.860
9395.165	10926.602	6.256	7430.089	106.438
1.003	14.857			
3/22/2016 11:25:00 PM	645900.000	13.105	17.662	29.871
9397.404	10929.185	6.257	7431.846	106.412
1.003	14.856			
3/22/2016 11:30:00 PM	646200.000	13.101	17.662	29.862
9395.255	10926.622	6.256	7430.104	106.437
1.003	14.855			
3/22/2016 11:35:00 PM	646500.000	13.101	17.662	29.861
9396.292	10927.953	6.257	7431.009	106.425
1.003	14.857			
3/22/2016 11:40:00 PM	646800.000	13.100	17.662	29.858
9396.917	10928.617	6.257	7431.460	106.418
1.003	14.859			
3/22/2016 11:45:00 PM	647100.000	13.097	17.662	29.853
9395.439	10926.858	6.256	7430.264	106.435
1.003	14.862			
3/22/2016 11:50:00 PM	647400.000	13.103	17.663	29.865
9397.137	10928.642	6.257	7431.477	106.415
1.003	14.861			
3/22/2016 11:55:00 PM	647700.000	13.100	17.662	29.860
9399.741	10931.883	6.259	7433.681	106.386
1.003	14.860			
3/23/2016 12:00:00 AM	648000.000	13.100	17.663	29.860
9398.064	10929.743	6.258	7432.226	106.405
1.003	14.859			
3/23/2016 12:05:00 AM	648300.000	13.097	17.662	29.852
9399.525	10931.673	6.259	7433.538	106.388
1.003	14.859			
3/23/2016 12:10:00 AM	648600.000	13.100	17.663	29.860
9396.640	10928.169	6.257	7431.155	106.421

1.003	14.860			
3/23/2016 12:15:00 AM	648900.000	13.097	17.662	29.851
9395.675	10927.173	6.256	7430.478	106.432
1.003	14.861			
3/23/2016 12:20:00 AM	649200.000	13.103	17.662	29.865
9400.786	10933.036	6.260	7434.465	106.374
1.003	14.859			
3/23/2016 12:25:00 AM	649500.000	13.103	17.662	29.867
9399.565	10931.761	6.259	7433.598	106.388
1.003	14.858			
3/23/2016 12:30:00 AM	649800.000	13.102	17.662	29.863
9397.438	10929.143	6.257	7431.817	106.412
1.003	14.857			
3/23/2016 12:35:00 AM	650100.000	13.099	17.662	29.858
9397.875	10929.754	6.258	7432.233	106.407
1.003	14.859			
3/23/2016 12:40:00 AM	650400.000	13.097	17.663	29.852
9398.937	10930.716	6.258	7432.887	106.395
1.003	14.861			
3/23/2016 12:45:00 AM	650700.000	13.095	17.663	29.847
9400.022	10932.061	6.259	7433.802	106.383
1.003	14.863			
3/23/2016 12:50:00 AM	651000.000	13.098	17.662	29.854
9396.684	10928.389	6.257	7431.305	106.421
1.003	14.860			
3/23/2016 12:55:00 AM	651300.000	13.101	17.663	29.861
9398.648	10930.337	6.258	7432.629	106.398
1.003	14.857			
3/23/2016 1:00:00 AM	651600.000	13.103	17.662	29.867
9397.932	10929.819	6.258	7432.278	106.406
1.003	14.854			
3/23/2016 1:05:00 AM	651900.000	13.109	17.663	29.878
9397.626	10929.316	6.258	7431.936	106.410
1.003	14.855			
3/23/2016 1:10:00 AM	652200.000	13.105	17.662	29.869
9400.631	10933.024	6.260	7434.457	106.376
1.003	14.857			
3/23/2016 1:15:00 AM	652500.000	13.103	17.662	29.865
9398.633	10930.508	6.258	7432.746	106.398
1.003	14.858			
3/23/2016 1:20:00 AM	652800.000	13.105	17.663	29.870
9397.970	10929.716	6.258	7432.208	106.406
1.003	14.856			
3/23/2016 1:25:00 AM	653100.000	13.106	17.662	29.873
9400.499	10932.847	6.260	7434.336	106.377
1.003	14.855			
3/23/2016 1:30:00 AM	653400.000	13.106	17.663	29.873
9400.253	10932.351	6.259	7433.999	106.380
1.003	14.853			
3/23/2016 1:35:00 AM	653700.000	13.107	17.662	29.875
9398.661	10930.583	6.258	7432.797	106.398
1.003	14.854			
3/23/2016 1:40:00 AM	654000.000	13.105	17.662	29.871
9401.334	10933.674	6.260	7434.899	106.368
1.003	14.856			
3/23/2016 1:45:00 AM	654300.000	13.104	17.662	29.867
9401.367	10933.898	6.260	7435.051	106.368
1.003	14.857			

3/23/2016 1:50:00 AM	654600.000	13.103	17.663	29.867
9401.243	10933.503	6.260	7434.783	106.369
1.003	14.856			
3/23/2016 1:55:00 AM	654900.000	13.107	17.662	29.874
9401.613	10934.079	6.260	7435.174	106.365
1.003	14.855			
3/23/2016 2:00:00 AM	655200.000	13.108	17.662	29.878
9401.216	10933.555	6.260	7434.818	106.369
1.003	14.854			
3/23/2016 2:05:00 AM	655500.000	13.108	17.662	29.877
9398.989	10931.009	6.259	7433.086	106.394
1.003	14.854			
3/23/2016 2:10:00 AM	655800.000	13.108	17.662	29.878
9401.444	10933.905	6.260	7435.056	106.367
1.003	14.855			
3/23/2016 2:15:00 AM	656100.000	13.108	17.662	29.878
9402.380	10934.908	6.261	7435.738	106.356
1.003	14.855			
3/23/2016 2:20:00 AM	656400.000	13.109	17.662	29.879
9404.680	10937.627	6.263	7437.587	106.330
1.003	14.853			
3/23/2016 2:25:00 AM	656700.000	13.111	17.663	29.885
9401.293	10933.581	6.260	7434.835	106.368
1.003	14.852			
3/23/2016 2:30:00 AM	657000.000	13.112	17.662	29.886
9405.176	10938.203	6.263	7437.978	106.324
1.003	14.851			
3/23/2016 2:35:00 AM	657300.000	13.113	17.662	29.888
9401.592	10933.949	6.260	7435.086	106.365
1.003	14.851			
3/23/2016 2:40:00 AM	657600.000	13.109	17.662	29.880
9402.729	10935.295	6.261	7436.001	106.352
1.003	14.852			
3/23/2016 2:45:00 AM	657900.000	13.108	17.663	29.877
9402.150	10934.409	6.261	7435.398	106.359
1.003	14.853			
3/23/2016 2:50:00 AM	658200.000	13.109	17.663	29.880
9403.979	10936.704	6.262	7436.959	106.338
1.003	14.853			
3/23/2016 2:55:00 AM	658500.000	13.107	17.662	29.875
9402.595	10935.158	6.261	7435.908	106.354
1.003	14.852			
3/23/2016 3:00:00 AM	658800.000	13.109	17.662	29.879
9403.025	10935.616	6.261	7436.220	106.349
1.003	14.852			
3/23/2016 3:05:00 AM	659100.000	13.110	17.662	29.882
9405.247	10938.286	6.263	7438.035	106.324
1.003	14.851			
3/23/2016 3:10:00 AM	659400.000	13.111	17.662	29.883
9401.938	10934.479	6.261	7435.447	106.361
1.003	14.850			
3/23/2016 3:15:00 AM	659700.000	13.110	17.663	29.883
9407.147	10940.369	6.264	7439.452	106.302
1.003	14.848			
3/23/2016 3:20:00 AM	660000.000	13.110	17.662	29.881
9402.322	10934.841	6.261	7435.692	106.357
1.003	14.849			
3/23/2016 3:25:00 AM	660300.000	13.109	17.662	29.880

9405.200	10938.188	6.263	7437.969	106.324
1.003	14.850			
3/23/2016 3:30:00 AM	660600.000	13.108	17.662	29.877
9407.119	10940.401	6.264	7439.474	106.302
1.003	14.851			
3/23/2016 3:35:00 AM	660900.000	13.109	17.663	29.878
9407.260	10940.500	6.264	7439.541	106.301
1.003	14.850			
3/23/2016 3:40:00 AM	661200.000	13.114	17.663	29.890
9409.540	10943.110	6.266	7441.315	106.275
1.003	14.848			
3/23/2016 3:45:00 AM	661500.000	13.113	17.662	29.888
9406.248	10939.450	6.264	7438.827	106.312
1.003	14.847			
3/23/2016 3:50:00 AM	661800.000	13.111	17.662	29.885
9410.016	10943.788	6.266	7441.776	106.270
1.003	14.847			
3/23/2016 3:55:00 AM	662100.000	13.115	17.663	29.893
9412.123	10946.115	6.268	7443.359	106.246
1.003	14.846			
3/23/2016 4:00:00 AM	662400.000	13.110	17.662	29.882
9412.444	10946.676	6.268	7443.740	106.242
1.003	14.846			
3/23/2016 4:05:00 AM	662700.000	13.111	17.662	29.883
9408.555	10942.071	6.265	7440.609	106.286
1.003	14.846			
3/23/2016 4:10:00 AM	663000.000	13.112	17.663	29.887
9411.887	10945.753	6.268	7443.113	106.249
1.003	14.845			
3/23/2016 4:15:00 AM	663300.000	13.111	17.662	29.883
9412.793	10946.976	6.268	7443.943	106.238
1.003	14.844			
3/23/2016 4:20:00 AM	663600.000	13.112	17.662	29.887
9412.673	10946.941	6.268	7443.920	106.240
1.003	14.844			
3/23/2016 4:25:00 AM	663900.000	13.112	17.662	29.886
9414.129	10948.657	6.269	7445.087	106.223
1.003	14.844			
3/23/2016 4:30:00 AM	664200.000	13.113	17.662	29.888
9413.750	10948.153	6.269	7444.745	106.228
1.003	14.844			
3/23/2016 4:35:00 AM	664500.000	13.112	17.663	29.887
9417.698	10952.640	6.272	7447.795	106.183
1.003	14.844			
3/23/2016 4:40:00 AM	664800.000	13.112	17.662	29.886
9417.127	10952.017	6.272	7447.372	106.189
1.003	14.843			
3/23/2016 4:45:00 AM	665100.000	13.113	17.662	29.889
9420.127	10955.529	6.274	7449.760	106.156
1.003	14.843			
3/23/2016 4:50:00 AM	665400.000	13.112	17.663	29.886
9422.260	10957.816	6.275	7451.316	106.132
1.003	14.845			
3/23/2016 4:55:00 AM	665700.000	13.109	17.663	29.880
9423.529	10959.398	6.276	7452.392	106.117
1.003	14.847			
3/23/2016 5:00:00 AM	666000.000	13.109	17.662	29.880
9424.061	10960.186	6.277	7452.927	106.111

1.003	14.849			
3/23/2016 5:05:00 AM	666300.000	13.110	17.662	29.882
9423.813	10959.857	6.276	7452.704	106.114
1.003	14.848			
3/23/2016 5:10:00 AM	666600.000	13.117	17.662	29.899
9429.252	10966.352	6.280	7457.120	106.053
1.003	14.846			
3/23/2016 5:15:00 AM	666900.000	13.114	17.663	29.891
9427.466	10963.937	6.279	7455.477	106.073
1.003	14.845			
3/23/2016 5:20:00 AM	667200.000	13.120	17.663	29.904
9428.714	10965.428	6.280	7456.491	106.059
1.003	14.844			
3/23/2016 5:25:00 AM	667500.000	13.116	17.663	29.895
9432.093	10969.400	6.282	7459.193	106.021
1.003	14.843			
3/23/2016 5:30:00 AM	667800.000	13.115	17.662	29.893
9431.264	10968.544	6.282	7458.610	106.030
1.003	14.843			
3/23/2016 5:35:00 AM	668100.000	13.117	17.662	29.897
9433.651	10971.445	6.284	7460.583	106.003
1.003	14.845			
3/23/2016 5:40:00 AM	668400.000	13.113	17.663	29.890
9434.237	10971.895	6.284	7460.888	105.997
1.003	14.848			
3/23/2016 5:45:00 AM	668700.000	13.111	17.662	29.884
9435.744	10973.816	6.285	7462.196	105.980
1.003	14.850			
3/23/2016 5:50:00 AM	669000.000	13.112	17.663	29.886
9438.624	10976.976	6.287	7464.344	105.948
1.003	14.850			
3/23/2016 5:55:00 AM	669300.000	13.121	17.663	29.906
9437.778	10975.970	6.286	7463.660	105.957
1.003	14.849			
3/23/2016 6:00:00 AM	669600.000	13.116	17.662	29.896
9438.569	10976.953	6.287	7464.328	105.948
1.003	14.849			
3/23/2016 6:05:00 AM	669900.000	13.119	17.663	29.903
9440.979	10979.734	6.289	7466.219	105.921
1.003	14.850			
3/23/2016 6:10:00 AM	670200.000	13.114	17.662	29.891
9440.394	10979.181	6.288	7465.843	105.928
1.003	14.851			
3/23/2016 6:15:00 AM	670500.000	13.114	17.662	29.891
9440.029	10978.738	6.288	7465.542	105.932
1.003	14.853			
3/23/2016 6:20:00 AM	670800.000	13.117	17.663	29.898
9442.777	10981.637	6.290	7467.514	105.901
1.003	14.850			
3/23/2016 6:25:00 AM	671100.000	13.125	17.662	29.917
9443.007	10982.157	6.290	7467.867	105.898
1.003	14.848			
3/23/2016 6:30:00 AM	671400.000	13.123	17.662	29.912
9445.455	10985.173	6.292	7469.918	105.871
1.003	14.846			
3/23/2016 6:35:00 AM	671700.000	13.122	17.663	29.909
9445.907	10985.405	6.292	7470.076	105.866
1.003	14.848			

3/23/2016 6:40:00 AM	672000.000	13.120	17.662	29.906
9446.454	10986.251	6.293	7470.651	105.860
1.003	14.850			
3/23/2016 6:45:00 AM	672300.000	13.119	17.662	29.902
9448.447	10988.610	6.294	7472.255	105.837
1.003	14.852			
3/23/2016 6:50:00 AM	672600.000	13.119	17.663	29.903
9448.191	10988.123	6.294	7471.924	105.840
1.003	14.854			
3/23/2016 6:55:00 AM	672900.000	13.122	17.663	29.908
9448.615	10988.467	6.294	7472.158	105.836
1.003	14.856			
3/23/2016 7:00:00 AM	673200.000	13.121	17.662	29.906
9449.310	10989.550	6.295	7472.894	105.828
1.003	14.858			
3/23/2016 7:05:00 AM	673500.000	13.116	17.662	29.896
9449.209	10989.352	6.295	7472.760	105.829
1.003	14.858			
3/23/2016 7:10:00 AM	673800.000	13.117	17.662	29.897
9448.220	10988.220	6.294	7471.990	105.840
1.003	14.857			
3/23/2016 7:15:00 AM	674100.000	13.117	17.663	29.899
9440.934	10979.533	6.289	7466.083	105.922
1.003	14.857			
3/23/2016 7:20:00 AM	674400.000	13.117	17.663	29.897
9432.195	10969.521	6.282	7459.274	106.020
1.003	14.859			
3/23/2016 7:25:00 AM	674700.000	13.117	17.662	29.898
9419.446	10954.925	6.273	7449.350	106.163
1.003	14.860			
3/23/2016 7:30:00 AM	675000.000	13.115	17.662	29.894
9406.899	10940.122	6.264	7439.283	106.305
1.003	14.862			
3/23/2016 7:35:00 AM	675300.000	13.118	17.662	29.901
9397.841	10929.755	6.258	7432.234	106.407
1.003	14.862			
3/23/2016 7:40:00 AM	675600.000	13.118	17.662	29.901
9382.497	10911.890	6.247	7420.085	106.581
1.003	14.862			
3/23/2016 7:45:00 AM	675900.000	13.117	17.662	29.899
9372.405	10900.069	6.240	7412.048	106.696
1.003	14.862			
3/23/2016 7:50:00 AM	676200.000	13.119	17.662	29.902
9360.195	10885.910	6.231	7402.419	106.835
1.003	14.864			
3/23/2016 7:55:00 AM	676500.000	13.119	17.662	29.903
9357.173	10882.396	6.229	7400.029	106.870
1.003	14.865			
3/23/2016 8:00:00 AM	676800.000	13.117	17.662	29.898
9341.102	10863.809	6.217	7387.391	107.054
1.003	14.866			
3/23/2016 8:05:00 AM	677100.000	13.116	17.663	29.896
9335.134	10856.639	6.213	7382.515	107.122
1.003	14.868			
3/23/2016 8:10:00 AM	677400.000	13.114	17.662	29.891
9329.733	10850.483	6.209	7378.329	107.184
1.003	14.870			
3/23/2016 8:15:00 AM	677700.000	13.116	17.662	29.895

9318.325	10837.196	6.201	7369.293	107.315
1.003	14.872			
3/23/2016 8:20:00 AM	678000.000	13.112	17.662	29.887
9310.795	10828.438	6.195	7363.339	107.402
1.003	14.875			
3/23/2016 8:25:00 AM	678300.000	13.111	17.662	29.885
9303.408	10819.971	6.190	7357.581	107.487
1.003	14.879			
3/23/2016 8:30:00 AM	678600.000	13.107	17.662	29.875
9296.435	10811.694	6.185	7351.953	107.568
1.003	14.882			
3/23/2016 8:35:00 AM	678900.000	13.109	17.662	29.880
9284.758	10798.136	6.177	7342.733	107.703
1.003	14.880			
3/23/2016 8:40:00 AM	679200.000	13.118	17.662	29.900
9276.095	10788.163	6.171	7335.951	107.804
1.003	14.877			
3/23/2016 8:45:00 AM	679500.000	13.121	17.662	29.906
9270.273	10781.291	6.166	7331.278	107.872
1.003	14.875			
3/23/2016 8:50:00 AM	679800.000	13.120	17.662	29.904
9261.653	10771.410	6.160	7324.559	107.972
1.003	14.876			
3/23/2016 8:55:00 AM	680100.000	13.119	17.662	29.901
9257.854	10766.888	6.158	7321.484	108.016
1.003	14.878			
3/23/2016 9:00:00 AM	680400.000	13.113	17.662	29.889
9252.160	10760.287	6.153	7316.996	108.083
1.003	14.879			
3/23/2016 9:05:00 AM	680700.000	13.116	17.662	29.894
9241.650	10748.002	6.146	7308.642	108.206
1.003	14.878			
3/23/2016 9:10:00 AM	681000.000	13.117	17.662	29.897
9231.174	10735.943	6.139	7300.442	108.329
1.003	14.877			
3/23/2016 9:15:00 AM	681300.000	13.120	17.662	29.903
9226.500	10730.444	6.135	7296.702	108.383
1.003	14.876			
3/23/2016 9:20:00 AM	681600.000	13.117	17.662	29.898
9220.787	10723.864	6.131	7292.228	108.451
1.003	14.877			
3/23/2016 9:25:00 AM	681900.000	13.116	17.662	29.896
9209.273	10710.369	6.123	7283.051	108.586
1.003	14.879			
3/23/2016 9:30:00 AM	682200.000	13.119	17.662	29.903
9205.935	10706.566	6.120	7280.466	108.626
1.003	14.880			
3/23/2016 9:35:00 AM	682500.000	13.114	17.662	29.891
9195.343	10694.168	6.113	7272.035	108.751
1.003	14.881			
3/23/2016 9:40:00 AM	682800.000	13.114	17.662	29.892
9186.846	10684.407	6.107	7265.397	108.851
1.003	14.882			
3/23/2016 9:45:00 AM	683100.000	13.114	17.662	29.892
9184.897	10682.080	6.105	7263.815	108.874
1.003	14.883			
3/23/2016 9:50:00 AM	683400.000	13.113	17.662	29.888
9176.172	10671.976	6.099	7256.944	108.978



1.003	14.882			
3/23/2016 9:55:00 AM	683700.000	13.116	17.662	29.895
9170.169	10665.013	6.095	7252.208	109.049
1.003	14.882			
3/23/2016 10:00:00 AM	684000.000	13.116	17.662	29.896
9162.175	10655.612	6.089	7245.817	109.144
1.003	14.881			
3/23/2016 10:05:00 AM	684300.000	13.116	17.662	29.895
9156.852	10649.403	6.085	7241.595	109.208
1.003	14.882			
3/23/2016 10:10:00 AM	684600.000	13.116	17.662	29.895
9150.720	10642.352	6.081	7236.800	109.281
1.003	14.882			
3/23/2016 10:15:00 AM	684900.000	13.118	17.662	29.900
9143.729	10634.181	6.076	7231.244	109.365
1.003	14.882			
3/23/2016 10:20:00 AM	685200.000	13.116	17.662	29.895
9139.937	10629.749	6.073	7228.230	109.410
1.003	14.883			
3/23/2016 10:25:00 AM	685500.000	13.116	17.662	29.894
9133.657	10622.571	6.069	7223.349	109.485
1.003	14.884			
3/23/2016 10:30:00 AM	685800.000	13.114	17.662	29.891
9128.464	10616.406	6.065	7219.157	109.547
1.003	14.885			
3/23/2016 10:35:00 AM	686100.000	13.112	17.662	29.887
9122.974	10609.981	6.061	7214.788	109.613
1.003	14.887			
3/23/2016 10:40:00 AM	686400.000	13.109	17.661	29.879
9118.129	10604.532	6.058	7211.083	109.672
1.003	14.890			
3/23/2016 10:45:00 AM	686700.000	13.108	17.662	29.876
9111.127	10596.265	6.053	7205.460	109.756
1.003	14.892			
3/23/2016 10:50:00 AM	687000.000	13.109	17.662	29.881
9108.399	10593.093	6.051	7203.303	109.789
1.003	14.889			
3/23/2016 10:55:00 AM	687300.000	13.113	17.662	29.888
9103.105	10586.896	6.047	7199.090	109.853
1.003	14.887			
3/23/2016 11:00:00 AM	687600.000	13.114	17.662	29.891
9098.319	10581.349	6.043	7195.318	109.910
1.003	14.884			
3/23/2016 11:05:00 AM	687900.000	13.112	17.662	29.887
9092.399	10574.464	6.039	7190.636	109.982
1.003	14.885			
3/23/2016 11:10:00 AM	688200.000	13.112	17.662	29.887
9089.671	10571.331	6.037	7188.506	110.015
1.003	14.886			
3/23/2016 11:15:00 AM	688500.000	13.112	17.662	29.887
9087.418	10568.711	6.036	7186.724	110.042
1.003	14.887			
3/23/2016 11:20:00 AM	688800.000	13.116	17.662	29.896
9085.307	10566.275	6.034	7185.068	110.068
1.003	14.888			
3/23/2016 11:25:00 AM	689100.000	13.110	17.662	29.881
9077.073	10556.621	6.028	7178.502	110.168
1.003	14.890			

3/23/2016 11:30:00 AM	689400.000	13.108	17.662	29.877
9075.106	10554.412	6.027	7177.001	110.192
1.003	14.891			
3/23/2016 11:35:00 AM	689700.000	13.108	17.662	29.876
9070.953	10549.646	6.024	7173.759	110.242
1.003	14.892			
3/23/2016 11:40:00 AM	690000.000	13.107	17.662	29.875
9069.030	10547.285	6.023	7172.154	110.265
1.003	14.892			
3/23/2016 11:45:00 AM	690300.000	13.107	17.663	29.876
9067.891	10545.839	6.022	7171.171	110.279
1.003	14.892			
3/23/2016 11:50:00 AM	690600.000	13.108	17.662	29.877
9068.009	10546.098	6.022	7171.347	110.278
1.003	14.889			
3/23/2016 11:55:00 AM	690900.000	13.116	17.662	29.895
9063.310	10540.733	6.019	7167.699	110.335
1.003	14.886			
3/23/2016 12:00:00 PM	691200.000	13.120	17.662	29.905
9063.829	10541.320	6.019	7168.098	110.329
1.003	14.883			
3/23/2016 12:05:00 PM	691500.000	13.113	17.662	29.889
9063.621	10540.934	6.019	7167.835	110.331
1.003	14.886			
3/23/2016 12:10:00 PM	691800.000	13.109	17.662	29.880
9065.993	10543.813	6.020	7169.793	110.302
1.003	14.889			
3/23/2016 12:15:00 PM	692100.000	13.115	17.662	29.893
9068.764	10547.036	6.022	7171.985	110.269
1.003	14.892			
3/23/2016 12:20:00 PM	692400.000	13.109	17.662	29.880
9070.725	10549.357	6.024	7173.563	110.245
1.003	14.890			
3/23/2016 12:25:00 PM	692700.000	13.109	17.662	29.879
9068.811	10547.029	6.022	7171.980	110.268
1.003	14.889			
3/23/2016 12:30:00 PM	693000.000	13.114	17.662	29.891
9073.298	10552.170	6.026	7175.476	110.214
1.003	14.888			
3/23/2016 12:35:00 PM	693300.000	13.111	17.662	29.883
9072.348	10551.164	6.025	7174.792	110.225
1.003	14.888			
3/23/2016 12:40:00 PM	693600.000	13.111	17.662	29.884
9075.491	10554.820	6.027	7177.278	110.187
1.003	14.887			
3/23/2016 12:45:00 PM	693900.000	13.116	17.662	29.895
9075.960	10555.345	6.028	7177.635	110.181
1.003	14.886			
3/23/2016 12:50:00 PM	694200.000	13.114	17.662	29.891
9074.665	10553.859	6.027	7176.625	110.197
1.003	14.884			
3/23/2016 12:55:00 PM	694500.000	13.120	17.662	29.905
9072.898	10551.766	6.025	7175.201	110.218
1.003	14.883			
3/23/2016 1:00:00 PM	694800.000	13.121	17.662	29.907
9077.220	10556.771	6.028	7178.604	110.166
1.003	14.881			
3/23/2016 1:05:00 PM	695100.000	13.117	17.662	29.897

9077.150	10556.650	6.028	7178.522	110.167
1.003	14.884			
3/23/2016 1:10:00 PM	695400.000	13.107	17.662	29.875
9077.088	10556.638	6.028	7178.514	110.167
1.003	14.888			
3/23/2016 1:15:00 PM	695700.000	13.104	17.663	29.869
9072.874	10551.575	6.025	7175.072	110.219
1.003	14.891			
3/23/2016 1:20:00 PM	696000.000	13.107	17.662	29.876
9075.877	10555.229	6.027	7177.557	110.182
1.003	14.887			
3/23/2016 1:25:00 PM	696300.000	13.110	17.662	29.881
9073.315	10552.251	6.026	7175.531	110.213
1.003	14.883			
3/23/2016 1:30:00 PM	696600.000	13.114	17.662	29.891
9076.714	10556.119	6.028	7178.162	110.172
1.003	14.878			
3/23/2016 1:35:00 PM	696900.000	13.119	17.662	29.903
9074.909	10554.184	6.027	7176.845	110.194
1.003	14.879			
3/23/2016 1:40:00 PM	697200.000	13.111	17.662	29.885
9074.015	10553.082	6.026	7176.096	110.205
1.003	14.881			
3/23/2016 1:45:00 PM	697500.000	13.109	17.662	29.880
9073.423	10552.454	6.026	7175.669	110.212
1.003	14.882			
3/23/2016 1:50:00 PM	697800.000	13.112	17.663	29.886
9074.958	10554.038	6.027	7176.747	110.193
1.003	14.881			
3/23/2016 1:55:00 PM	698100.000	13.111	17.662	29.885
9071.978	10550.635	6.025	7174.432	110.230
1.003	14.880			
3/23/2016 2:00:00 PM	698400.000	13.117	17.662	29.898
9075.204	10554.426	6.027	7177.010	110.190
1.003	14.879			
3/23/2016 2:05:00 PM	698700.000	13.112	17.662	29.887
9074.239	10553.304	6.026	7176.247	110.202
1.003	14.878			
3/23/2016 2:10:00 PM	699000.000	13.112	17.662	29.887
9073.922	10552.935	6.026	7175.996	110.206
1.003	14.878			
3/23/2016 2:15:00 PM	699300.000	13.112	17.662	29.885
9071.219	10549.830	6.024	7173.885	110.239
1.003	14.877			
3/23/2016 2:20:00 PM	699600.000	13.109	17.662	29.879
9070.913	10549.373	6.024	7173.574	110.242
1.003	14.878			
3/23/2016 2:25:00 PM	699900.000	13.108	17.662	29.876
9066.639	10544.443	6.021	7170.222	110.294
1.003	14.879			
3/23/2016 2:30:00 PM	700200.000	13.106	17.662	29.872
9064.374	10541.972	6.019	7168.542	110.322
1.003	14.881			
3/23/2016 2:35:00 PM	700500.000	13.111	17.662	29.884
9060.328	10537.186	6.016	7165.287	110.371
1.003	14.881			
3/23/2016 2:40:00 PM	700800.000	13.105	17.662	29.870
9060.648	10537.498	6.017	7165.499	110.367

1.003	14.882			
3/23/2016 2:45:00 PM	701100.000	13.107	17.663	29.874
9057.547	10533.789	6.014	7162.977	110.405
1.003	14.883			
3/23/2016 2:50:00 PM	701400.000	13.106	17.662	29.872
9056.114	10532.264	6.013	7161.939	110.423
1.003	14.880			
3/23/2016 2:55:00 PM	701700.000	13.113	17.662	29.888
9052.253	10527.773	6.011	7158.886	110.470
1.003	14.877			
3/23/2016 3:00:00 PM	702000.000	13.111	17.662	29.884
9048.541	10523.417	6.008	7155.924	110.515
1.003	14.874			
3/23/2016 3:05:00 PM	702300.000	13.110	17.662	29.881
9049.332	10524.337	6.008	7156.549	110.505
1.003	14.873			
3/23/2016 3:10:00 PM	702600.000	13.109	17.662	29.880
9047.618	10522.281	6.007	7155.152	110.526
1.003	14.873			
3/23/2016 3:15:00 PM	702900.000	13.109	17.663	29.879
9045.645	10519.907	6.006	7153.537	110.550
1.003	14.873			
3/23/2016 3:20:00 PM	703200.000	13.111	17.662	29.884
9044.149	10518.330	6.005	7152.465	110.569
1.003	14.872			
3/23/2016 3:25:00 PM	703500.000	13.110	17.662	29.881
9043.335	10517.401	6.004	7151.833	110.579
1.003	14.872			
3/23/2016 3:30:00 PM	703800.000	13.110	17.662	29.883
9041.261	10514.911	6.003	7150.140	110.604
1.003	14.871			
3/23/2016 3:35:00 PM	704100.000	13.111	17.663	29.885
9042.104	10515.849	6.003	7150.778	110.594
1.003	14.870			
3/23/2016 3:40:00 PM	704400.000	13.113	17.662	29.888
9038.755	10512.096	6.001	7148.225	110.635
1.003	14.870			
3/23/2016 3:45:00 PM	704700.000	13.116	17.662	29.896
9042.315	10516.114	6.003	7150.958	110.591
1.003	14.869			
3/23/2016 3:50:00 PM	705000.000	13.116	17.663	29.896
9038.559	10511.685	6.001	7147.946	110.637
1.003	14.870			
3/23/2016 3:55:00 PM	705300.000	13.110	17.662	29.883
9037.839	10510.932	6.000	7147.434	110.646
1.003	14.870			
3/23/2016 4:00:00 PM	705600.000	13.109	17.662	29.880
9039.582	10513.098	6.002	7148.907	110.625
1.003	14.871			
3/23/2016 4:05:00 PM	705900.000	13.110	17.662	29.881
9038.580	10511.932	6.001	7148.114	110.637
1.003	14.871			
3/23/2016 4:10:00 PM	706200.000	13.109	17.662	29.879
9038.688	10512.059	6.001	7148.200	110.636
1.003	14.872			
3/23/2016 4:15:00 PM	706500.000	13.108	17.662	29.877
9037.292	10510.374	6.000	7147.055	110.653
1.003	14.873			

3/23/2016 4:20:00 PM	706800.000	13.106	17.663	29.873
9038.612	10511.769	6.001	7148.003	110.636
1.003	14.874			
3/23/2016 4:25:00 PM	707100.000	13.104	17.662	29.868
9035.572	10508.395	5.999	7145.709	110.674
1.003	14.875			
3/23/2016 4:30:00 PM	707400.000	13.106	17.662	29.872
9037.526	10510.568	6.000	7147.187	110.650
1.003	14.876			
3/23/2016 4:35:00 PM	707700.000	13.108	17.663	29.878
9040.088	10513.484	6.002	7149.170	110.618
1.003	14.874			
3/23/2016 4:40:00 PM	708000.000	13.107	17.662	29.874
9038.308	10511.656	6.001	7147.927	110.640
1.003	14.871			
3/23/2016 4:45:00 PM	708300.000	13.110	17.663	29.881
9036.455	10509.160	5.999	7146.229	110.663
1.003	14.868			
3/23/2016 4:50:00 PM	708600.000	13.109	17.663	29.880
9035.703	10508.405	5.999	7145.716	110.672
1.003	14.867			
3/23/2016 4:55:00 PM	708900.000	13.108	17.662	29.878
9034.689	10507.368	5.998	7145.010	110.684
1.003	14.866			
3/23/2016 5:00:00 PM	709200.000	13.109	17.662	29.880
9035.508	10508.238	5.999	7145.602	110.674
1.003	14.865			
3/23/2016 5:05:00 PM	709500.000	13.109	17.663	29.880
9034.256	10506.642	5.998	7144.517	110.690
1.003	14.864			
3/23/2016 5:10:00 PM	709800.000	13.110	17.662	29.881
9033.558	10505.952	5.997	7144.048	110.698
1.003	14.863			
3/23/2016 5:15:00 PM	710100.000	13.110	17.662	29.882
9033.490	10505.851	5.997	7143.979	110.699
1.003	14.862			
3/23/2016 5:20:00 PM	710400.000	13.110	17.663	29.881
9034.206	10506.664	5.998	7144.532	110.690
1.003	14.864			
3/23/2016 5:25:00 PM	710700.000	13.111	17.663	29.885
9032.759	10504.961	5.997	7143.374	110.708
1.003	14.865			
3/23/2016 5:30:00 PM	711000.000	13.104	17.662	29.869
9032.599	10504.897	5.997	7143.331	110.710
1.003	14.867			
3/23/2016 5:35:00 PM	711300.000	13.106	17.662	29.873
9031.728	10503.842	5.996	7142.612	110.721
1.003	14.865			
3/23/2016 5:40:00 PM	711600.000	13.107	17.662	29.875
9034.980	10507.646	5.998	7145.200	110.681
1.003	14.864			
3/23/2016 5:45:00 PM	711900.000	13.109	17.663	29.878
9032.918	10505.124	5.997	7143.484	110.706
1.003	14.863			
3/23/2016 5:50:00 PM	712200.000	13.104	17.662	29.868
9031.828	10503.959	5.996	7142.692	110.720
1.003	14.866			
3/23/2016 5:55:00 PM	712500.000	13.099	17.663	29.857

9033.297	10505.564	5.997	7143.784	110.702
1.003	14.870			
3/23/2016 6:00:00 PM	712800.000	13.096	17.663	29.851
9031.225	10503.196	5.995	7142.174	110.727
1.003	14.874			
3/23/2016 6:05:00 PM	713100.000	13.099	17.662	29.857
9031.945	10504.077	5.996	7142.772	110.718
1.003	14.870			
3/23/2016 6:10:00 PM	713400.000	13.109	17.662	29.879
9029.421	10501.159	5.994	7140.789	110.749
1.003	14.866			
3/23/2016 6:15:00 PM	713700.000	13.110	17.662	29.881
9032.457	10504.751	5.996	7143.231	110.712
1.003	14.862			
3/23/2016 6:20:00 PM	714000.000	13.110	17.662	29.882
9033.722	10506.161	5.997	7144.190	110.696
1.003	14.863			
3/23/2016 6:25:00 PM	714300.000	13.110	17.662	29.882
9032.444	10504.776	5.996	7143.249	110.712
1.003	14.864			
3/23/2016 6:30:00 PM	714600.000	13.107	17.662	29.874
9030.880	10502.815	5.995	7141.915	110.731
1.003	14.865			
3/23/2016 6:35:00 PM	714900.000	13.111	17.662	29.883
9032.438	10504.628	5.996	7143.147	110.712
1.003	14.865			
3/23/2016 6:40:00 PM	715200.000	13.106	17.662	29.874
9031.631	10503.688	5.996	7142.508	110.722
1.003	14.864			
3/23/2016 6:45:00 PM	715500.000	13.112	17.662	29.887
9035.000	10507.708	5.998	7145.242	110.681
1.003	14.864			
3/23/2016 6:50:00 PM	715800.000	13.111	17.662	29.884
9031.896	10504.060	5.996	7142.761	110.719
1.003	14.863			
3/23/2016 6:55:00 PM	716100.000	13.107	17.662	29.874
9035.196	10507.997	5.998	7145.438	110.678
1.003	14.863			
3/23/2016 7:00:00 PM	716400.000	13.108	17.662	29.877
9032.790	10505.036	5.997	7143.425	110.708
1.003	14.862			
3/23/2016 7:05:00 PM	716700.000	13.108	17.662	29.876
9034.016	10506.563	5.998	7144.463	110.693
1.003	14.863			
3/23/2016 7:10:00 PM	717000.000	13.107	17.663	29.874
9033.809	10506.182	5.997	7144.204	110.695
1.003	14.863			
3/23/2016 7:15:00 PM	717300.000	13.107	17.662	29.875
9033.697	10506.214	5.997	7144.226	110.697
1.003	14.864			
3/23/2016 7:20:00 PM	717600.000	13.112	17.662	29.886
9034.666	10507.259	5.998	7144.937	110.685
1.003	14.863			
3/23/2016 7:25:00 PM	717900.000	13.106	17.662	29.872
9036.190	10509.074	5.999	7146.170	110.666
1.003	14.863			
3/23/2016 7:30:00 PM	718200.000	13.105	17.662	29.871
9036.235	10509.105	5.999	7146.192	110.666

1.003	14.862			
3/23/2016 7:35:00 PM	718500.000	13.105	17.662	29.870
9035.200	10508.001	5.998	7145.441	110.678
1.003	14.862			
3/23/2016 7:40:00 PM	718800.000	13.106	17.662	29.873
9036.443	10509.471	5.999	7146.440	110.663
1.003	14.863			
3/23/2016 7:45:00 PM	719100.000	13.104	17.663	29.867
9032.861	10505.020	5.997	7143.414	110.707
1.003	14.863			
3/23/2016 7:50:00 PM	719400.000	13.104	17.662	29.869
9036.542	10509.585	5.999	7146.518	110.662
1.003	14.863			
3/23/2016 7:55:00 PM	719700.000	13.103	17.662	29.867
9036.164	10509.146	5.999	7146.220	110.666
1.003	14.863			
3/23/2016 8:00:00 PM	720000.000	13.104	17.663	29.869
9036.608	10509.378	5.999	7146.377	110.661
1.003	14.863			
3/23/2016 8:05:00 PM	720300.000	13.106	17.663	29.872
9035.257	10507.806	5.998	7145.309	110.678
1.003	14.861			
3/23/2016 8:10:00 PM	720600.000	13.108	17.662	29.878
9035.126	10507.854	5.998	7145.342	110.679
1.003	14.860			
3/23/2016 8:15:00 PM	720900.000	13.113	17.662	29.889
9039.623	10513.125	6.002	7148.926	110.624
1.003	14.859			
3/23/2016 8:20:00 PM	721200.000	13.113	17.662	29.888
9038.001	10511.138	6.000	7147.574	110.644
1.003	14.860			
3/23/2016 8:25:00 PM	721500.000	13.106	17.662	29.873
9040.380	10514.025	6.002	7149.538	110.615
1.003	14.861			
3/23/2016 8:30:00 PM	721800.000	13.107	17.663	29.874
9040.370	10513.689	6.002	7149.310	110.615
1.003	14.862			
3/23/2016 8:35:00 PM	722100.000	13.106	17.663	29.872
9042.860	10516.729	6.004	7151.376	110.584
1.003	14.863			
3/23/2016 8:40:00 PM	722400.000	13.105	17.663	29.871
9040.842	10514.340	6.002	7149.751	110.609
1.003	14.864			
3/23/2016 8:45:00 PM	722700.000	13.105	17.663	29.869
9043.920	10517.859	6.004	7152.145	110.572
1.003	14.865			
3/23/2016 8:50:00 PM	723000.000	13.104	17.662	29.867
9042.588	10516.634	6.004	7151.312	110.588
1.003	14.867			
3/23/2016 8:55:00 PM	723300.000	13.102	17.662	29.864
9045.812	10520.204	6.006	7153.739	110.548
1.003	14.869			
3/23/2016 9:00:00 PM	723600.000	13.100	17.662	29.860
9044.196	10518.325	6.005	7152.461	110.568
1.003	14.871			
3/23/2016 9:05:00 PM	723900.000	13.101	17.663	29.862
9044.681	10518.703	6.005	7152.719	110.562
1.003	14.869			

3/23/2016 9:10:00 PM	724200.000	13.105	17.662	29.870
9041.310	10515.046	6.003	7150.232	110.603
1.003	14.867			
3/23/2016 9:15:00 PM	724500.000	13.106	17.662	29.873
9044.613	10518.949	6.005	7152.886	110.563
1.003	14.865			
3/23/2016 9:20:00 PM	724800.000	13.110	17.663	29.882
9044.779	10518.960	6.005	7152.894	110.561
1.003	14.868			
3/23/2016 9:25:00 PM	725100.000	13.107	17.663	29.875
9048.436	10523.213	6.008	7155.785	110.516
1.003	14.870			
3/23/2016 9:30:00 PM	725400.000	13.100	17.662	29.858
9046.149	10520.675	6.006	7154.060	110.544
1.003	14.872			
3/23/2016 9:35:00 PM	725700.000	13.100	17.663	29.860
9047.883	10522.569	6.007	7155.347	110.523
1.003	14.872			
3/23/2016 9:40:00 PM	726000.000	13.101	17.662	29.862
9046.578	10521.096	6.006	7154.346	110.539
1.003	14.871			
3/23/2016 9:45:00 PM	726300.000	13.101	17.662	29.860
9045.956	10520.450	6.006	7153.907	110.547
1.003	14.870			
3/23/2016 9:50:00 PM	726600.000	13.103	17.663	29.866
9048.549	10523.303	6.008	7155.846	110.515
1.003	14.869			
3/23/2016 9:55:00 PM	726900.000	13.103	17.662	29.866
9048.469	10523.333	6.008	7155.867	110.516
1.003	14.868			
3/23/2016 10:00:00 PM	727200.000	13.104	17.663	29.868
9049.273	10524.106	6.008	7156.393	110.506
1.003	14.867			
3/23/2016 10:05:00 PM	727500.000	13.102	17.663	29.864
9049.412	10524.268	6.008	7156.502	110.504
1.003	14.868			
3/23/2016 10:10:00 PM	727800.000	13.103	17.662	29.865
9049.750	10524.862	6.009	7156.907	110.500
1.003	14.869			
3/23/2016 10:15:00 PM	728100.000	13.100	17.663	29.859
9052.582	10527.872	6.011	7158.954	110.466
1.003	14.870			
3/23/2016 10:20:00 PM	728400.000	13.101	17.663	29.861
9051.497	10526.672	6.010	7158.137	110.479
1.003	14.870			
3/23/2016 10:25:00 PM	728700.000	13.102	17.662	29.863
9050.140	10525.376	6.009	7157.256	110.496
1.003	14.870			
3/23/2016 10:30:00 PM	729000.000	13.101	17.662	29.862
9053.398	10529.127	6.011	7159.807	110.456
1.003	14.870			
3/23/2016 10:35:00 PM	729300.000	13.100	17.662	29.858
9052.333	10527.765	6.011	7158.880	110.469
1.003	14.870			
3/23/2016 10:40:00 PM	729600.000	13.102	17.662	29.864
9053.113	10528.773	6.011	7159.566	110.459
1.003	14.869			
3/23/2016 10:45:00 PM	729900.000	13.107	17.662	29.875



9054.364	10530.210	6.012	7160.543	110.444
1.003	14.868			
3/23/2016 10:50:00 PM	730200.000	13.102	17.662	29.863
9055.282	10531.317	6.013	7161.296	110.433
1.003	14.869			
3/23/2016 10:55:00 PM	730500.000	13.100	17.662	29.859
9054.738	10530.604	6.012	7160.811	110.439
1.003	14.870			
3/23/2016 11:00:00 PM	730800.000	13.104	17.663	29.867
9055.843	10531.768	6.013	7161.603	110.426
1.003	14.871			
3/23/2016 11:05:00 PM	731100.000	13.098	17.663	29.855
9058.053	10534.355	6.015	7163.362	110.399
1.003	14.872			
3/23/2016 11:10:00 PM	731400.000	13.100	17.662	29.858
9056.745	10533.038	6.014	7162.466	110.415
1.003	14.872			
3/23/2016 11:15:00 PM	731700.000	13.099	17.662	29.857
9057.105	10533.339	6.014	7162.670	110.411
1.003	14.873			
3/23/2016 11:20:00 PM	732000.000	13.099	17.663	29.857
9059.757	10536.379	6.016	7164.738	110.378
1.003	14.871			
3/23/2016 11:25:00 PM	732300.000	13.100	17.662	29.859
9057.360	10533.695	6.014	7162.913	110.407
1.003	14.869			
3/23/2016 11:30:00 PM	732600.000	13.107	17.662	29.875
9055.307	10531.264	6.013	7161.260	110.432
1.003	14.867			
3/23/2016 11:35:00 PM	732900.000	13.103	17.662	29.867
9057.565	10533.973	6.014	7163.102	110.405
1.003	14.866			
3/23/2016 11:40:00 PM	733200.000	13.105	17.662	29.870
9057.649	10534.090	6.014	7163.181	110.404
1.003	14.866			
3/23/2016 11:45:00 PM	733500.000	13.105	17.662	29.870
9058.091	10534.584	6.015	7163.518	110.399
1.003	14.865			
3/23/2016 11:50:00 PM	733800.000	13.107	17.662	29.876
9057.113	10533.447	6.014	7162.745	110.410
1.003	14.867			
3/23/2016 11:55:00 PM	734100.000	13.102	17.663	29.864
9059.624	10536.104	6.016	7164.552	110.380
1.003	14.868			

Report Date: 3/24/2016 2:14:55 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-5D Pre Test\_2016-03-24\_09-17-17-990-BaroMerge.wsl  
Create Date: 3/24/2016 2:13:42 PM

Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-5D  
Device Name:  
Serial Number: 398697  
Firmware Version: 2.00  
Hardware Version: 2  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 3  
Used Battery(%): 1

Log Configuration

Log Name: MPWSP MW-5D Pre Test  
Created By: nreynolds  
Computer Name: PROBOOK1  
Application: WinSitu.exe  
Application Version: 5.6.25.0  
Create Date: 3/14/2015 5:21:38 PM Pacific Daylight Time  
Log Setup Time Zone: Pacific Daylight Time  
Notes Size(bytes): 4096  
Overwrite when full: Disabled  
Scheduled Start Time: 3/14/2015 5:30:00 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: 364.976 (ft)  
Head Pressure: 160.126 (PSI)  
Temperature: 21.4216 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

Date and Time	Note
3/14/2015 5:21:49 PM	Used Battery: 1% Used Memory: 4% User Name: nreynolds
3/20/2015 1:42:10 PM	Log Download - Used Battery: 1% Used Memory: 4% User Name: GSSI
3/27/2015 3:11:22 PM	Log Download - Used Battery: 2% Used Memory: 6% User Name: GSSI
4/3/2015 10:31:30 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: ECrowWillard
4/10/2015 9:37:12 AM	Log Download - Used Battery: 2% Used Memory: 7% User Name: ECrowWillard
4/17/2015 4:35:02 PM	Log Download - Used Battery: 3% Used Memory: 7% User Name: AKieta
4/24/2015 2:40:39 PM	Log Download - Used Battery: 3% Used Memory: 9% User Name: ECrowWillard
5/1/2015 3:13:28 PM	Log Download - Used Battery: 4% Used Memory: 9% User Name: GSSI
5/7/2015 4:36:59 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: ECrowWillard Interval - Start Time: 5/1/2015 3:00:00 PM
5/11/2015 1:01:57 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: BDuarte
5/14/2015 6:06:28 PM	Log Download - Used Battery: 4% Used Memory: 10% User Name: BDuarte Interval - Start Time: 5/11/2015 1:00:00 PM
5/18/2015 1:20:22 PM	Log Download - Used Battery: 4% Used Memory: 12% User Name: BDuarte Interval - Start Time: 5/14/2015 6:00:00 PM
5/21/2015 1:04:06 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: CShaw
5/28/2015 4:04:17 PM	Log Download - Used Battery: 5% Used Memory: 12% User Name: ECrowWillard Interval - Start Time: 5/7/2015 4:30:00 PM
6/4/2015 5:35:43 PM	Log Download - Used Battery: 5% Used Memory: 14% User Name: BDuarte
6/11/2015 8:20:02 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: BDuarte Interval - Start Time: 6/4/2015 5:30:00 PM
6/17/2015 8:56:47 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: CShaw Interval - Start Time: 5/21/2015 1:00:00 PM
6/18/2015 11:39:25 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: CShaw
6/25/2015 10:26:07 AM	Log Download - Used Battery: 6% Used Memory: 15% User Name: BDuarte Interval - Start Time: 6/11/2015 8:15:00 AM
7/2/2015 9:52:38 AM	Log Download - Used Battery: 7% Used Memory: 17% User Name: CShaw
7/9/2015 2:16:22 PM	Log Download - Used Battery: 7% Used Memory: 17% User Name: BDuarte
7/16/2015 9:40:59 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: CShaw
7/23/2015 11:18:20 AM	Log Download - Used Battery: 8% Used Memory: 18% User Name: KMakar
7/30/2015 3:52:38 PM	Log Download - Used Battery: 8% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/9/2015 2:15:00 PM
7/30/2015 4:54:30 PM	Log Download - Used Battery: 8% Used Memory: 20% User Name: BDuarte Interval - Start Time: 7/9/2015 2:15:00 PM
8/6/2015 1:55:33 PM	Log Download - Used Battery: 9% 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 10:58:06 AM	Log Download - Used Battery: 9% Used Memory: 21% User Name: KMakar Interval - Start Time: 7/23/2015 11:15:00 AM
8/20/2015 5:25:42 PM	Log Download - Used Battery: 9% Used Memory: 23% User Name: BDuarte Interval - Start Time: 7/30/2015 4:45:00 PM
8/27/2015 11:57:15 AM	Log Download - Used Battery: 10% Used Memory: 23% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 11:55:00 AM
9/3/2015 11:50:27 AM	Log Download - Used Battery: 10% Used Memory: 25% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 11:45:00 AM
9/10/2015 9:25:55 AM	Log Download - Used Battery: 11% Used Memory: 25% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 9:25:00 AM
9/17/2015 9:27:07 AM	Log Download - Used Battery: 11% Used Memory: 26% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 9:30:00 AM
9/24/2015 5:47:55 PM	Log Download - Used Battery: 11% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM

9/24/2015 6:04:13 PM Log Download - Used Battery: 11% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 9:00:00 AM

9/24/2015 7:41:30 PM Log Download - Used Battery: 11% Used Memory: 26% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:30:00 PM

10/1/2015 9:51:21 AM Log Download - Used Battery: 12% Used Memory: 28% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 9:50:00 AM

10/8/2015 11:29:10 AM Log Download - Used Battery: 12% Used Memory: 28% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 12:15:00 PM

10/15/2015 11:09:18 AM Log Download - Used Battery: 12% Used Memory: 29% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 11:15:00 AM

10/22/2015 10:31:53 AM Log Download - Used Battery: 13% Used Memory: 29% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 11:30:00 AM

10/29/2015 11:46:57 AM Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 11:45:00 AM

11/5/2015 8:33:04 AM Log Download - Used Battery: 13% Used Memory: 31% User Name: KMakar Interval - Start Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 8:30:00 AM

11/12/2015 2:02:13 PM Log Download - Used Battery: 14% Used Memory: 32% User Name: CShaw Interval - Start Time: 10/27/2015 11:00:00 AM Stop Time: 11/12/2015 2:30:00 PM

11/19/2015 9:41:17 AM Log Download - Used Battery: 14% Used Memory: 32% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 9:45:00 AM

11/29/2015 11:15:13 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 12:00:00 PM

12/3/2015 8:09:51 AM Log Download - Used Battery: 15% Used Memory: 34% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 8:10:00 AM

12/10/2015 10:31:42 AM Log Download - Used Battery: 15% Used Memory: 35% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 10:30:00 AM

12/17/2015 9:49:12 AM Log Download - Used Battery: 16% Used Memory: 35% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 9:45:00 AM

1/3/2016 11:56:11 AM Log Download - Used Battery: 16% Used Memory: 39% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 12:45:00 PM

1/3/2016 12:55:37 PM Sensor SN: 398697 Cache Timeout: 1000 User Name: CShaw

1/3/2016 12:57:19 PM Device Taken Offline

1/3/2016 12:58:39 PM Sensor SN: 398697 Actual conductivity calibration.  
 Cell Constant: 1.00791 Cell Offset: 0  
 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw

1/3/2016 12:59:45 PM Device Put Online

1/3/2016 12:59:45 PM Sensor SN: 398697 Cache Timeout: 1750 User Name: CShaw

1/7/2016 9:11:16 AM Log Download - Used Battery: 17% Used Memory: 39% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 9:15:00 AM

1/14/2016 1:11:12 PM Log Download - Used Battery: 17% Used Memory: 40% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 1:15:00 PM

1/21/2016 9:17:37 AM Log Download - Used Battery: 17% Used Memory: 40% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 9:15:00 AM

1/28/2016 9:42:58 AM Log Download - Used Battery: 18% Used Memory: 42% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 9:45:00 AM

2/4/2016 10:30:51 AM Log Download - Used Battery: 18% Used Memory: 42% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 11:15:00 AM

2/11/2016 10:18:11 AM Log Download - Used Battery: 19% Used Memory: 43% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 11:14:45 AM

2/18/2016 11:00:57 AM Log Download - Used Battery: 19% Used Memory: 43% 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 10:31:31 AM Log Download - Used Battery: 19% Used Memory: 45% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 10:30:00 AM

3/3/2016 12:11:56 PM Log Download - Used Battery: 20% Used Memory: 45% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:59:45 PM

3/10/2016 2:57:18 PM Log Download - Used Battery: 20% Used Memory: 46% User Name: KMakar Interval - Start

Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:45:00 PM  
 3/17/2016 10:00:06 AM Log Download - Used Battery: 20% Used Memory: 46% User Name: SKuiper Interval - Start  
 Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 10:44:45 AM  
 3/24/2016 9:17:14 AM Log Download - Used Battery: 21% Used Memory: 48% User Name: KMakar Interval - Start  
 Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:15:00 AM  
 3/24/2016 2:13:42 PM User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test\_2016-03-24\_13-31-57-718.wsl""

Log Data:

Record Count: 853

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	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft
Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: Baro-Adj Calc	
SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697
SN#: 398697	SN#: 398697	SN#: 398697	SN#: 398697
398697	SN#: 000000		

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)
Actual Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppt)	
Resistivity (ohm-cm)	Water Density (g/cm3)	Barometric Pressure (PSI)		
3/17/2016 12:14:45 AM	129600.000	146.688	21.346	334.346
5099.428	5482.037	2.998	3.728	196.100
1.000	14.719			
3/17/2016 12:29:45 AM	130500.000	146.677	21.345	334.322
5093.007	5475.261	2.994	3.723	196.348
1.000	14.722			
3/17/2016 12:44:45 AM	131400.000	146.693	21.345	334.358
5085.366	5467.067	2.989	3.718	196.643
1.000	14.716			
3/17/2016 12:59:45 AM	132300.000	146.693	21.342	334.359
5077.602	5458.995	2.984	3.712	196.943
1.000	14.717			
3/17/2016 1:14:45 AM	133200.000	146.700	21.327	334.374
5069.162	5451.619	2.980	3.707	197.271
1.000	14.715			
3/17/2016 1:29:45 AM	134100.000	146.666	21.320	334.296
5059.139	5441.583	2.974	3.700	197.662
1.000	14.721			
3/17/2016 1:44:45 AM	135000.000	146.710	21.321	334.397
5052.646	5434.521	2.970	3.695	197.916
1.000	14.714			
3/17/2016 1:59:45 AM	135900.000	146.709	21.322	334.396
5049.694	5431.200	2.968	3.693	198.032
1.000	14.719			
3/17/2016 2:14:45 AM	136800.000	146.717	21.323	334.414

5048.232	5429.549	2.967	3.692	198.089
1.000	14.714			
3/17/2016 2:29:45 AM	137700.000	146.716	21.325	334.410
5047.740	5428.756	2.967	3.692	198.108
1.000	14.706			
3/17/2016 2:44:45 AM	138600.000	146.674	21.326	334.316
5047.486	5428.384	2.966	3.691	198.118
1.000	14.711			
3/17/2016 2:59:45 AM	139500.000	146.721	21.328	334.422
5047.721	5428.453	2.966	3.691	198.109
1.000	14.705			
3/17/2016 3:14:45 AM	140400.000	146.694	21.327	334.361
5047.988	5428.867	2.967	3.692	198.099
1.000	14.700			
3/17/2016 3:29:45 AM	141300.000	146.718	21.329	334.415
5047.191	5427.795	2.966	3.691	198.130
1.000	14.708			
3/17/2016 3:44:45 AM	142200.000	146.681	21.330	334.331
5047.075	5427.572	2.966	3.691	198.135
1.000	14.703			
3/17/2016 3:59:45 AM	143100.000	146.726	21.329	334.434
5047.584	5428.158	2.966	3.691	198.115
1.000	14.698			
3/17/2016 4:14:45 AM	144000.000	146.734	21.332	334.452
5048.281	5428.604	2.966	3.691	198.087
1.000	14.697			
3/17/2016 4:29:45 AM	144900.000	146.721	21.330	334.422
5048.469	5429.013	2.967	3.692	198.080
1.000	14.701			
3/17/2016 4:44:45 AM	145800.000	146.692	21.332	334.357
5048.077	5428.376	2.966	3.691	198.095
1.000	14.702			
3/17/2016 4:59:45 AM	146700.000	146.734	21.331	334.453
5047.298	5427.676	2.966	3.691	198.126
1.000	14.696			
3/17/2016 5:14:45 AM	147600.000	146.701	21.334	334.377
5048.804	5428.941	2.967	3.692	198.067
1.000	14.695			
3/17/2016 5:29:45 AM	148500.000	146.702	21.336	334.380
5050.454	5430.542	2.968	3.693	198.002
1.000	14.697			
3/17/2016 5:44:45 AM	149400.000	146.749	21.333	334.486
5049.843	5430.207	2.967	3.693	198.026
1.000	14.693			
3/17/2016 5:59:45 AM	150300.000	146.753	21.332	334.496
5050.086	5430.575	2.968	3.693	198.016
1.000	14.688			
3/17/2016 6:14:45 AM	151200.000	146.750	21.332	334.488
5051.354	5431.938	2.968	3.694	197.967
1.000	14.694			
3/17/2016 6:29:45 AM	152100.000	146.759	21.336	334.509
5051.207	5431.262	2.968	3.693	197.973
1.000	14.691			
3/17/2016 6:44:45 AM	153000.000	146.724	21.332	334.428
5051.736	5432.301	2.969	3.694	197.952
1.000	14.688			

3/17/2016 6:59:45 AM	153900.000	146.764	21.338	334.520
5052.150	5432.121	2.969	3.694	197.936
1.000	14.692			
3/17/2016 7:14:45 AM	154800.000	146.766	21.334	334.525
5051.665	5431.969	2.968	3.694	197.955
1.000	14.694			
3/17/2016 7:29:45 AM	155700.000	146.767	21.333	334.528
5051.510	5432.000	2.968	3.694	197.961
1.000	14.695			
3/17/2016 7:44:45 AM	156600.000	146.764	21.338	334.521
5053.636	5433.718	2.969	3.695	197.877
1.000	14.694			
3/17/2016 7:59:45 AM	157500.000	146.768	21.336	334.529
5053.938	5434.288	2.970	3.695	197.866
1.000	14.696			
3/17/2016 8:14:45 AM	158400.000	146.808	21.336	334.620
5054.264	5434.599	2.970	3.696	197.853
1.000	14.699			
3/17/2016 8:29:45 AM	159300.000	146.776	21.338	334.547
5054.795	5434.926	2.970	3.696	197.832
1.000	14.699			
3/17/2016 8:44:45 AM	160200.000	146.781	21.338	334.559
5054.835	5435.017	2.970	3.696	197.830
1.000	14.695			
3/17/2016 8:59:45 AM	161100.000	146.788	21.341	334.574
5056.539	5436.517	2.971	3.697	197.764
1.000	14.697			
3/17/2016 9:14:45 AM	162000.000	146.794	21.340	334.588
5057.508	5437.666	2.972	3.698	197.726
1.000	14.697			
3/17/2016 9:29:45 AM	162900.000	146.799	21.342	334.601
5057.118	5436.943	2.971	3.697	197.741
1.000	14.696			
3/17/2016 9:44:45 AM	163800.000	146.791	21.345	334.582
5058.598	5438.211	2.972	3.698	197.683
1.000	14.694			
3/17/2016 9:59:45 AM	164700.000	146.796	21.342	334.592
5058.898	5438.917	2.973	3.698	197.671
1.000	14.697			
3/17/2016 10:14:45 AM	165600.000	146.793	21.337	334.586
5059.374	5440.024	2.973	3.699	197.653
1.000	14.699			
3/17/2016 10:29:45 AM	166500.000	146.803	21.340	334.610
5059.952	5440.245	2.973	3.699	197.630
1.000	14.699			
3/17/2016 10:44:45 AM	167400.000	146.760	21.343	334.511
5060.622	5440.651	2.974	3.700	197.604
1.000	14.702			
3/17/2016 10:59:45 AM	168300.000	146.771	21.341	334.536
5059.821	5440.055	2.973	3.699	197.635
1.000	14.689			
3/17/2016 11:14:45 AM	169200.000	146.799	21.338	334.599
5062.254	5442.917	2.975	3.701	197.540
1.000	14.693			
3/17/2016 11:29:45 AM	170100.000	146.808	21.344	334.620
5061.985	5441.999	2.974	3.701	197.551

1.000	14.694				
3/17/2016 11:44:45 AM	171000.000	146.812	21.340	334.631	
5062.497	5443.029	2.975	3.701	197.531	
1.000	14.685				
3/17/2016 11:59:45 AM	171900.000	146.809	21.337	334.624	
5062.130	5442.900	2.975	3.701	197.545	
1.000	14.688				
3/17/2016 12:14:45 PM	172800.000	146.801	21.348	334.604	
5065.294	5445.106	2.976	3.703	197.422	
1.000	14.691				
3/17/2016 12:29:45 PM	173700.000	146.837	21.345	334.688	
5065.602	5445.809	2.977	3.703	197.410	
1.000	14.695				
3/17/2016 12:44:45 PM	174600.000	146.804	21.350	334.611	
5067.861	5447.591	2.978	3.704	197.322	
1.000	14.689				
3/17/2016 12:59:45 PM	175500.000	146.803	21.346	334.608	
5067.116	5447.339	2.977	3.704	197.351	
1.000	14.693				
3/17/2016 1:14:45 PM	176400.000	146.769	21.343	334.532	
5067.300	5447.841	2.978	3.705	197.344	
1.000	14.689				
3/17/2016 1:29:45 PM	177300.000	146.762	21.345	334.516	
5066.700	5446.950	2.977	3.704	197.367	
1.000	14.692				
3/17/2016 1:44:45 PM	178200.000	146.805	21.348	334.613	
5068.278	5448.363	2.978	3.705	197.306	
1.000	14.688				
3/17/2016 1:59:45 PM	179100.000	146.795	21.342	334.592	
5066.627	5447.187	2.977	3.704	197.370	
1.000	14.689				
3/17/2016 2:14:45 PM	180000.000	146.801	21.345	334.605	
5068.599	5449.011	2.978	3.705	197.293	
1.000	14.687				
3/17/2016 2:29:45 PM	180900.000	146.788	21.342	334.575	
5068.632	5449.332	2.979	3.706	197.292	
1.000	14.690				
3/17/2016 2:44:45 PM	181800.000	146.804	21.339	334.612	
5068.895	5449.968	2.979	3.706	197.282	
1.000	14.675				
3/17/2016 2:59:45 PM	182700.000	146.796	21.338	334.593	
5070.104	5451.387	2.980	3.707	197.235	
1.000	14.684				
3/17/2016 3:14:45 PM	183600.000	146.793	21.342	334.587	
5070.706	5451.641	2.980	3.707	197.211	
1.000	14.683				
3/17/2016 3:29:45 PM	184500.000	146.790	21.343	334.580	
5072.792	5453.726	2.981	3.709	197.130	
1.000	14.684				
3/17/2016 3:44:45 PM	185400.000	146.783	21.343	334.565	
5072.622	5453.534	2.981	3.708	197.137	
1.000	14.682				
3/17/2016 3:59:45 PM	186300.000	146.745	21.341	334.477	
5073.534	5454.740	2.982	3.709	197.101	
1.000	14.684				
3/17/2016 4:14:45 PM	187200.000	146.784	21.341	334.565	



5073.516	5454.720	2.982	3.709	197.102
1.000	14.680			
3/17/2016 4:29:45 PM	188100.000	146.782	21.344	334.562
5074.041	5454.959	2.982	3.709	197.082
1.000	14.680			
3/17/2016 4:44:45 PM	189000.000	146.781	21.339	334.559
5074.504	5456.048	2.982	3.710	197.064
1.000	14.676			
3/17/2016 4:59:45 PM	189900.000	146.763	21.343	334.518
5074.604	5455.684	2.982	3.710	197.060
1.000	14.678			
3/17/2016 5:14:45 PM	190800.000	146.768	21.346	334.529
5075.999	5456.811	2.983	3.711	197.006
1.000	14.682			
3/17/2016 5:29:45 PM	191700.000	146.758	21.347	334.507
5076.218	5457.007	2.983	3.711	196.997
1.000	14.684			
3/17/2016 5:44:45 PM	192600.000	146.766	21.353	334.525
5077.613	5457.750	2.983	3.711	196.943
1.000	14.681			
3/17/2016 5:59:45 PM	193500.000	146.771	21.350	334.537
5077.320	5457.819	2.984	3.711	196.954
1.000	14.678			
3/17/2016 6:14:45 PM	194400.000	146.764	21.341	334.520
5077.476	5459.037	2.984	3.712	196.948
1.000	14.686			
3/17/2016 6:29:45 PM	195300.000	146.731	21.343	334.444
5078.663	5460.028	2.985	3.713	196.902
1.000	14.686			
3/17/2016 6:44:45 PM	196200.000	146.762	21.340	334.517
5078.378	5460.124	2.985	3.713	196.913
1.000	14.687			
3/17/2016 6:59:45 PM	197100.000	146.717	21.341	334.414
5078.495	5460.043	2.985	3.713	196.909
1.000	14.694			
3/17/2016 7:14:45 PM	198000.000	146.750	21.350	334.489
5081.423	5462.168	2.986	3.714	196.795
1.000	14.690			
3/17/2016 7:29:45 PM	198900.000	146.756	21.342	334.503
5079.268	5460.757	2.985	3.713	196.879
1.000	14.693			
3/17/2016 7:44:45 PM	199800.000	146.756	21.339	334.502
5079.359	5461.199	2.985	3.714	196.875
1.000	14.692			
3/17/2016 7:59:45 PM	200700.000	146.754	21.345	334.498
5080.376	5461.712	2.986	3.714	196.836
1.000	14.702			
3/17/2016 8:14:45 PM	201600.000	146.719	21.341	334.418
5080.497	5462.226	2.986	3.714	196.831
1.000	14.701			
3/17/2016 8:29:45 PM	202500.000	146.718	21.337	334.415
5078.352	5460.332	2.985	3.713	196.914
1.000	14.699			
3/17/2016 8:44:45 PM	203400.000	146.742	21.335	334.471
5078.255	5460.552	2.985	3.713	196.918
1.000	14.710			

3/17/2016 8:59:45 PM	204300.000	146.753	21.337	334.495
5078.235	5460.304	2.985	3.713	196.919
1.000	14.704			
3/17/2016 9:14:45 PM	205200.000	146.758	21.339	334.506
5078.330	5460.181	2.985	3.713	196.915
1.000	14.703			
3/17/2016 9:29:45 PM	206100.000	146.750	21.340	334.488
5078.492	5460.158	2.985	3.713	196.909
1.000	14.707			
3/17/2016 9:44:45 PM	207000.000	146.750	21.347	334.489
5079.691	5460.691	2.985	3.713	196.862
1.000	14.709			
3/17/2016 9:59:45 PM	207900.000	146.749	21.346	334.486
5079.733	5460.825	2.985	3.713	196.861
1.000	14.712			
3/17/2016 10:14:45 PM	208800.000	146.719	21.340	334.418
5078.513	5460.249	2.985	3.713	196.908
1.000	14.707			
3/17/2016 10:29:45 PM	209700.000	146.750	21.343	334.488
5078.034	5459.341	2.984	3.712	196.927
1.000	14.709			
3/17/2016 10:44:45 PM	210600.000	146.752	21.348	334.493
5078.722	5459.492	2.985	3.712	196.900
1.000	14.715			
3/17/2016 10:59:45 PM	211500.000	146.748	21.347	334.484
5079.755	5460.789	2.985	3.713	196.860
1.000	14.713			
3/17/2016 11:14:45 PM	212400.000	146.752	21.352	334.494
5080.402	5460.855	2.985	3.713	196.835
1.000	14.710			
3/17/2016 11:29:45 PM	213300.000	146.754	21.353	334.497
5079.031	5459.293	2.984	3.712	196.888
1.000	14.710			
3/17/2016 11:44:45 PM	214200.000	146.713	21.347	334.404
5078.058	5458.936	2.984	3.712	196.926
1.000	14.712			
3/17/2016 11:59:45 PM	215100.000	146.748	21.343	334.485
5077.832	5459.145	2.984	3.712	196.934
1.000	14.714			
3/18/2016 12:14:45 AM	216000.000	146.748	21.346	334.484
5077.402	5458.368	2.984	3.712	196.951
1.000	14.712			
3/18/2016 12:29:45 AM	216900.000	146.744	21.353	334.474
5078.457	5458.726	2.984	3.712	196.910
1.000	14.708			
3/18/2016 12:44:45 AM	217800.000	146.754	21.344	334.497
5077.320	5458.506	2.984	3.712	196.954
1.000	14.707			
3/18/2016 12:59:45 AM	218700.000	146.763	21.340	334.519
5075.579	5457.006	2.983	3.711	197.022
1.000	14.705			
3/18/2016 1:14:45 AM	219600.000	146.754	21.340	334.497
5075.416	5456.919	2.983	3.711	197.028
1.000	14.709			
3/18/2016 1:29:45 AM	220500.000	146.760	21.345	334.512
5075.669	5456.583	2.983	3.710	197.018

1.000	14.708				
3/18/2016 1:44:45 AM	221400.000	146.765	21.339	334.522	
5075.442	5457.036	2.983	3.711	197.027	
1.000	14.705				
3/18/2016 1:59:45 AM	222300.000	146.766	21.335	334.525	
5074.564	5456.525	2.983	3.710	197.061	
1.000	14.709				
3/18/2016 2:14:45 AM	223200.000	146.756	21.343	334.502	
5076.613	5457.794	2.984	3.711	196.982	
1.000	14.710				
3/18/2016 2:29:45 AM	224100.000	146.757	21.350	334.504	
5077.147	5457.633	2.983	3.711	196.961	
1.000	14.704				
3/18/2016 2:44:45 AM	225000.000	146.753	21.350	334.496	
5076.409	5456.829	2.983	3.711	196.990	
1.000	14.706				
3/18/2016 2:59:45 AM	225900.000	146.752	21.352	334.493	
5077.149	5457.449	2.983	3.711	196.961	
1.000	14.705				
3/18/2016 3:14:45 AM	226800.000	146.755	21.349	334.499	
5076.367	5456.941	2.983	3.711	196.991	
1.000	14.704				
3/18/2016 3:29:45 AM	227700.000	146.758	21.340	334.506	
5075.106	5456.557	2.983	3.710	197.040	
1.000	14.705				
3/18/2016 3:44:45 AM	228600.000	146.756	21.338	334.501	
5074.695	5456.361	2.983	3.710	197.056	
1.000	14.703				
3/18/2016 3:59:45 AM	229500.000	146.759	21.345	334.510	
5076.095	5457.032	2.983	3.711	197.002	
1.000	14.697				
3/18/2016 4:14:45 AM	230400.000	146.799	21.347	334.600	
5076.725	5457.512	2.983	3.711	196.977	
1.000	14.701				
3/18/2016 4:29:45 AM	231300.000	146.768	21.345	334.529	
5076.053	5456.996	2.983	3.711	197.003	
1.000	14.696				
3/18/2016 4:44:45 AM	232200.000	146.755	21.340	334.501	
5075.054	5456.501	2.983	3.710	197.042	
1.000	14.704				
3/18/2016 4:59:45 AM	233100.000	146.765	21.348	334.523	
5076.078	5456.689	2.983	3.711	197.002	
1.000	14.695				
3/18/2016 5:14:45 AM	234000.000	146.753	21.353	334.495	
5076.294	5456.323	2.983	3.710	196.994	
1.000	14.712				
3/18/2016 5:29:45 AM	234900.000	146.767	21.351	334.528	
5076.150	5456.491	2.983	3.710	197.000	
1.000	14.700				
3/18/2016 5:44:45 AM	235800.000	146.762	21.353	334.515	
5076.623	5456.745	2.983	3.711	196.981	
1.000	14.706				
3/18/2016 5:59:45 AM	236700.000	146.765	21.346	334.524	
5075.319	5456.129	2.983	3.710	197.032	
1.000	14.709				
3/18/2016 6:14:45 AM	237600.000	146.769	21.341	334.531	

5075.509	5456.824	2.983	3.711	197.025
1.000	14.712			
3/18/2016 6:29:45 AM	238500.000	146.737	21.340	334.460
5075.926	5457.379	2.983	3.711	197.008
1.000	14.714			
3/18/2016 6:44:45 AM	239400.000	146.770	21.341	334.533
5075.830	5457.219	2.983	3.711	197.012
1.000	14.714			
3/18/2016 6:59:45 AM	240300.000	146.780	21.338	334.557
5075.925	5457.693	2.983	3.711	197.008
1.000	14.715			
3/18/2016 7:14:45 AM	241200.000	146.775	21.343	334.545
5077.050	5458.294	2.984	3.712	196.965
1.000	14.717			
3/18/2016 7:29:45 AM	242100.000	146.736	21.337	334.456
5077.757	5459.781	2.985	3.713	196.937
1.000	14.725			
3/18/2016 7:44:45 AM	243000.000	146.776	21.344	334.548
5077.296	5458.459	2.984	3.712	196.955
1.000	14.719			
3/18/2016 7:59:45 AM	243900.000	146.777	21.343	334.551
5077.801	5459.092	2.984	3.712	196.936
1.000	14.720			
3/18/2016 8:14:45 AM	244800.000	146.782	21.343	334.560
5077.670	5458.990	2.984	3.712	196.941
1.000	14.720			
3/18/2016 8:29:45 AM	245700.000	146.780	21.345	334.558
5079.167	5460.383	2.985	3.713	196.883
1.000	14.721			
3/18/2016 8:44:45 AM	246600.000	146.776	21.347	334.548
5079.227	5460.212	2.985	3.713	196.880
1.000	14.733			
3/18/2016 8:59:45 AM	247500.000	146.775	21.350	334.546
5079.840	5460.536	2.985	3.713	196.857
1.000	14.730			
3/18/2016 9:14:45 AM	248400.000	146.788	21.348	334.575
5080.575	5461.542	2.986	3.714	196.828
1.000	14.734			
3/18/2016 9:29:45 AM	249300.000	146.785	21.340	334.569
5078.709	5460.451	2.985	3.713	196.900
1.000	14.732			
3/18/2016 9:44:45 AM	250200.000	146.758	21.337	334.508
5079.249	5461.287	2.986	3.714	196.880
1.000	14.733			
3/18/2016 9:59:45 AM	251100.000	146.799	21.339	334.600
5080.148	5462.097	2.986	3.714	196.845
1.000	14.735			
3/18/2016 10:14:45 AM	252000.000	146.785	21.338	334.569
5081.195	5463.301	2.987	3.715	196.804
1.000	14.743			
3/18/2016 10:29:45 AM	252900.000	146.786	21.343	334.571
5082.206	5463.856	2.987	3.715	196.765
1.000	14.739			
3/18/2016 10:44:45 AM	253800.000	146.781	21.350	334.560
5083.415	5464.320	2.987	3.716	196.718
1.000	14.746			

3/18/2016 10:59:45 AM	254700.000	146.820	21.354	334.648
5084.386	5464.980	2.988	3.716	196.681
1.000	14.740			
3/18/2016 11:14:45 AM	255600.000	146.750	21.352	334.488
5084.140	5464.884	2.988	3.716	196.690
1.000	14.739			
3/18/2016 11:29:45 AM	256500.000	146.788	21.348	334.575
5083.468	5464.692	2.988	3.716	196.716
1.000	14.745			
3/18/2016 11:44:45 AM	257400.000	146.771	21.352	334.536
5084.387	5465.189	2.988	3.716	196.681
1.000	14.748			
3/18/2016 11:59:45 AM	258300.000	146.771	21.346	334.536
5082.893	5464.241	2.987	3.716	196.738
1.000	14.751			
3/18/2016 12:14:45 PM	259200.000	146.768	21.344	334.530
5083.373	5464.983	2.988	3.716	196.720
1.000	14.749			
3/18/2016 12:29:45 PM	260100.000	146.805	21.348	334.615
5084.007	5465.173	2.988	3.716	196.695
1.000	14.748			
3/18/2016 12:44:45 PM	261000.000	146.755	21.345	334.499
5084.373	5466.009	2.988	3.717	196.681
1.000	14.753			
3/18/2016 12:59:45 PM	261900.000	146.753	21.342	334.495
5083.247	5465.113	2.988	3.716	196.725
1.000	14.749			
3/18/2016 1:14:45 PM	262800.000	146.752	21.348	334.493
5085.065	5466.359	2.989	3.717	196.654
1.000	14.742			
3/18/2016 1:29:45 PM	263700.000	146.739	21.348	334.463
5086.072	5467.433	2.989	3.718	196.615
1.000	14.746			
3/18/2016 1:44:45 PM	264600.000	146.732	21.348	334.447
5086.453	5467.891	2.989	3.718	196.601
1.000	14.745			
3/18/2016 1:59:45 PM	265500.000	146.699	21.352	334.372
5087.163	5468.221	2.990	3.718	196.573
1.000	14.734			
3/18/2016 2:14:45 PM	266400.000	146.722	21.354	334.424
5087.321	5468.145	2.990	3.718	196.567
1.000	14.738			
3/18/2016 2:29:45 PM	267300.000	146.708	21.353	334.393
5086.811	5467.725	2.989	3.718	196.587
1.000	14.737			
3/18/2016 2:44:45 PM	268200.000	146.667	21.350	334.299
5087.707	5468.954	2.990	3.719	196.552
1.000	14.735			
3/18/2016 2:59:45 PM	269100.000	146.706	21.352	334.388
5088.222	5469.331	2.990	3.719	196.532
1.000	14.731			
3/18/2016 3:14:45 PM	270000.000	146.697	21.355	334.368
5088.121	5468.878	2.990	3.719	196.536
1.000	14.726			
3/18/2016 3:29:45 PM	270900.000	146.654	21.352	334.270
5088.395	5469.437	2.990	3.719	196.526

1.000	14.726				
3/18/2016 3:44:45 PM	271800.000	146.685	21.353	334.340	
5088.826	5469.831	2.991	3.719	196.509	
1.000	14.725				
3/18/2016 3:59:45 PM	272700.000	146.675	21.352	334.319	
5088.124	5469.146	2.990	3.719	196.536	
1.000	14.722				
3/18/2016 4:14:45 PM	273600.000	146.666	21.349	334.296	
5087.086	5468.454	2.990	3.719	196.576	
1.000	14.726				
3/18/2016 4:29:45 PM	274500.000	146.660	21.352	334.283	
5087.876	5468.969	2.990	3.719	196.546	
1.000	14.731				
3/18/2016 4:44:45 PM	275400.000	146.652	21.345	334.265	
5088.573	5470.416	2.991	3.720	196.519	
1.000	14.720				
3/18/2016 4:59:45 PM	276300.000	146.643	21.346	334.245	
5088.206	5469.983	2.991	3.720	196.533	
1.000	14.728				
3/18/2016 5:14:45 PM	277200.000	146.680	21.349	334.329	
5088.543	5469.961	2.991	3.720	196.520	
1.000	14.722				
3/18/2016 5:29:45 PM	278100.000	146.606	21.351	334.160	
5088.256	5469.437	2.990	3.719	196.531	
1.000	14.732				
3/18/2016 5:44:45 PM	279000.000	146.621	21.356	334.194	
5088.330	5469.004	2.990	3.719	196.528	
1.000	14.723				
3/18/2016 5:59:45 PM	279900.000	146.615	21.358	334.182	
5089.047	5469.558	2.990	3.719	196.500	
1.000	14.725				
3/18/2016 6:14:45 PM	280800.000	146.605	21.355	334.157	
5088.542	5469.301	2.990	3.719	196.520	
1.000	14.729				
3/18/2016 6:29:45 PM	281700.000	146.586	21.351	334.115	
5088.865	5470.100	2.991	3.720	196.507	
1.000	14.733				
3/18/2016 6:44:45 PM	282600.000	146.590	21.348	334.125	
5087.812	5469.361	2.990	3.719	196.548	
1.000	14.732				
3/18/2016 6:59:45 PM	283500.000	146.545	21.349	334.021	
5088.125	5469.541	2.990	3.719	196.536	
1.000	14.729				
3/18/2016 7:14:45 PM	284400.000	146.571	21.348	334.081	
5088.401	5469.985	2.991	3.720	196.525	
1.000	14.730				
3/18/2016 7:29:45 PM	285300.000	146.527	21.349	333.981	
5087.564	5468.880	2.990	3.719	196.558	
1.000	14.735				
3/18/2016 7:44:45 PM	286200.000	146.552	21.353	334.038	
5089.093	5470.138	2.991	3.720	196.499	
1.000	14.738				
3/18/2016 7:59:45 PM	287100.000	146.546	21.357	334.024	
5089.701	5470.330	2.991	3.720	196.475	
1.000	14.733				
3/18/2016 8:14:45 PM	288000.000	146.537	21.357	334.003	

5088.978	5469.514	2.990	3.719	196.503
1.000	14.740			
3/18/2016 8:29:45 PM	288900.000	146.536	21.358	334.000
5089.085	5469.609	2.990	3.719	196.499
1.000	14.736			
3/18/2016 8:44:45 PM	289800.000	146.526	21.362	333.977
5090.018	5470.138	2.991	3.720	196.463
1.000	14.735			
3/18/2016 8:59:45 PM	290700.000	146.510	21.362	333.942
5089.644	5469.727	2.990	3.719	196.477
1.000	14.743			
3/18/2016 9:14:45 PM	291600.000	146.508	21.363	333.937
5089.716	5469.638	2.990	3.719	196.475
1.000	14.741			
3/18/2016 9:29:45 PM	292500.000	146.500	21.364	333.919
5089.872	5469.726	2.990	3.719	196.469
1.000	14.741			
3/18/2016 9:44:45 PM	293400.000	146.486	21.365	333.886
5089.430	5469.153	2.990	3.719	196.486
1.000	14.743			
3/18/2016 9:59:45 PM	294300.000	146.518	21.366	333.960
5090.024	5469.654	2.990	3.719	196.463
1.000	14.745			
3/18/2016 10:14:45 PM	295200.000	146.506	21.368	333.932
5090.148	5469.629	2.990	3.719	196.458
1.000	14.747			
3/18/2016 10:29:45 PM	296100.000	146.460	21.368	333.828
5090.446	5469.900	2.991	3.720	196.446
1.000	14.749			
3/18/2016 10:44:45 PM	297000.000	146.501	21.369	333.921
5090.680	5470.063	2.991	3.720	196.437
1.000	14.743			
3/18/2016 10:59:45 PM	297900.000	146.454	21.360	333.815
5089.781	5470.062	2.991	3.720	196.472
1.000	14.746			
3/18/2016 11:14:45 PM	298800.000	146.463	21.352	333.835
5084.009	5464.802	2.988	3.716	196.695
1.000	14.741			
3/18/2016 11:29:45 PM	299700.000	146.447	21.347	333.798
5077.840	5458.651	2.984	3.712	196.934
1.000	14.742			
3/18/2016 11:44:45 PM	300600.000	146.441	21.345	333.784
5071.138	5451.702	2.980	3.707	197.194
1.000	14.743			
3/18/2016 11:59:45 PM	301500.000	146.441	21.344	333.783
5064.080	5444.291	2.976	3.702	197.469
1.000	14.741			
3/19/2016 12:14:45 AM	302400.000	146.433	21.340	333.767
5058.634	5438.808	2.972	3.698	197.682
1.000	14.743			
3/19/2016 12:29:45 AM	303300.000	146.430	21.327	333.760
5052.592	5433.769	2.969	3.695	197.918
1.000	14.747			
3/19/2016 12:44:45 AM	304200.000	146.385	21.321	333.657
5044.853	5426.101	2.965	3.690	198.222
1.000	14.748			

3/19/2016 12:59:45 AM	305100.000	146.423	21.321	333.743
5037.611	5418.340	2.960	3.684	198.507
1.000	14.746			
3/19/2016 1:14:45 AM	306000.000	146.418	21.323	333.732
5035.081	5415.424	2.959	3.682	198.607
1.000	14.747			
3/19/2016 1:29:45 AM	306900.000	146.417	21.323	333.731
5033.218	5413.392	2.958	3.681	198.680
1.000	14.749			
3/19/2016 1:44:45 AM	307800.000	146.406	21.325	333.705
5033.530	5413.484	2.958	3.681	198.668
1.000	14.748			
3/19/2016 1:59:45 AM	308700.000	146.362	21.328	333.605
5033.766	5413.465	2.958	3.681	198.658
1.000	14.744			
3/19/2016 2:14:45 AM	309600.000	146.363	21.327	333.606
5032.601	5412.318	2.957	3.680	198.704
1.000	14.746			
3/19/2016 2:29:45 AM	310500.000	146.359	21.330	333.598
5032.677	5412.088	2.957	3.680	198.701
1.000	14.749			
3/19/2016 2:44:45 AM	311400.000	146.403	21.332	333.698
5032.531	5411.610	2.957	3.680	198.707
1.000	14.741			
3/19/2016 2:59:45 AM	312300.000	146.397	21.334	333.685
5032.018	5410.892	2.956	3.679	198.727
1.000	14.742			
3/19/2016 3:14:45 AM	313200.000	146.394	21.331	333.677
5030.447	5409.495	2.955	3.678	198.789
1.000	14.747			
3/19/2016 3:29:45 AM	314100.000	146.382	21.333	333.649
5030.778	5409.647	2.955	3.679	198.776
1.000	14.745			
3/19/2016 3:44:45 AM	315000.000	146.382	21.335	333.649
5030.949	5409.666	2.955	3.679	198.770
1.000	14.749			
3/19/2016 3:59:45 AM	315900.000	146.382	21.336	333.649
5030.922	5409.540	2.955	3.678	198.771
1.000	14.742			
3/19/2016 4:14:45 AM	316800.000	146.385	21.338	333.656
5030.049	5408.299	2.955	3.678	198.805
1.000	14.745			
3/19/2016 4:29:45 AM	317700.000	146.383	21.339	333.652
5030.892	5409.137	2.955	3.678	198.772
1.000	14.750			
3/19/2016 4:44:45 AM	318600.000	146.384	21.339	333.655
5030.674	5408.854	2.955	3.678	198.781
1.000	14.744			
3/19/2016 4:59:45 AM	319500.000	146.390	21.340	333.669
5030.276	5408.386	2.955	3.678	198.796
1.000	14.745			
3/19/2016 5:14:45 AM	320400.000	146.345	21.340	333.565
5029.924	5408.008	2.955	3.677	198.810
1.000	14.747			
3/19/2016 5:29:45 AM	321300.000	146.386	21.343	333.659
5031.149	5408.956	2.955	3.678	198.762



1.000	14.749			
3/19/2016 5:44:45 AM	322200.000	146.387	21.346	333.661
5031.508	5408.962	2.955	3.678	198.748
1.000	14.745			
3/19/2016 5:59:45 AM	323100.000	146.393	21.344	333.674
5031.139	5408.877	2.955	3.678	198.762
1.000	14.748			
3/19/2016 6:14:45 AM	324000.000	146.385	21.345	333.656
5030.301	5407.839	2.954	3.677	198.795
1.000	14.757			
3/19/2016 6:29:45 AM	324900.000	146.393	21.345	333.676
5030.789	5408.354	2.955	3.678	198.776
1.000	14.755			
3/19/2016 6:44:45 AM	325800.000	146.402	21.345	333.695
5030.829	5408.417	2.955	3.678	198.774
1.000	14.752			
3/19/2016 6:59:45 AM	326700.000	146.404	21.349	333.699
5031.445	5408.632	2.955	3.678	198.750
1.000	14.749			
3/19/2016 7:14:45 AM	327600.000	146.395	21.350	333.679
5032.224	5409.342	2.955	3.678	198.719
1.000	14.754			
3/19/2016 7:29:45 AM	328500.000	146.401	21.354	333.692
5032.373	5409.065	2.955	3.678	198.713
1.000	14.754			
3/19/2016 7:44:45 AM	329400.000	146.398	21.354	333.686
5032.873	5409.631	2.955	3.679	198.694
1.000	14.764			
3/19/2016 7:59:45 AM	330300.000	146.402	21.353	333.696
5032.420	5409.173	2.955	3.678	198.712
1.000	14.764			
3/19/2016 8:14:45 AM	331200.000	146.411	21.356	333.716
5032.679	5409.169	2.955	3.678	198.701
1.000	14.760			
3/19/2016 8:29:45 AM	332100.000	146.405	21.356	333.702
5033.013	5409.509	2.955	3.678	198.688
1.000	14.762			
3/19/2016 8:44:45 AM	333000.000	146.412	21.355	333.718
5032.188	5408.740	2.955	3.678	198.721
1.000	14.762			
3/19/2016 8:59:45 AM	333900.000	146.411	21.354	333.716
5032.763	5409.417	2.955	3.678	198.698
1.000	14.768			
3/19/2016 9:14:45 AM	334800.000	146.390	21.353	333.669
5031.601	5408.380	2.955	3.678	198.744
1.000	14.763			
3/19/2016 9:29:45 AM	335700.000	146.420	21.354	333.735
5032.089	5408.750	2.955	3.678	198.725
1.000	14.767			
3/19/2016 9:44:45 AM	336600.000	146.393	21.358	333.674
5033.006	5409.317	2.955	3.678	198.688
1.000	14.764			
3/19/2016 9:59:45 AM	337500.000	146.416	21.360	333.726
5033.237	5409.302	2.955	3.678	198.679
1.000	14.765			
3/19/2016 10:14:45 AM	338400.000	146.416	21.361	333.727

5033.369	5409.337	2.955	3.678	198.674
1.000	14.768			
3/19/2016 10:29:45 AM	339300.000	146.413	21.354	333.721
5033.082	5409.845	2.956	3.679	198.685
1.000	14.773			
3/19/2016 10:44:45 AM	340200.000	146.419	21.347	333.735
5029.019	5406.169	2.953	3.676	198.846
1.000	14.766			
3/19/2016 10:59:45 AM	341100.000	146.427	21.344	333.752
5024.142	5401.354	2.951	3.673	199.039
1.000	14.768			
3/19/2016 11:14:45 AM	342000.000	146.428	21.334	333.754
5018.229	5396.027	2.948	3.669	199.273
1.000	14.766			
3/19/2016 11:29:45 AM	342900.000	146.393	21.321	333.675
5008.792	5387.333	2.942	3.663	199.649
1.000	14.766			
3/19/2016 11:44:45 AM	343800.000	146.423	21.320	333.743
4999.654	5377.612	2.937	3.657	200.014
1.000	14.767			
3/19/2016 11:59:45 AM	344700.000	146.426	21.323	333.749
4996.982	5374.399	2.935	3.655	200.121
1.000	14.767			
3/19/2016 12:14:45 PM	345600.000	146.380	21.325	333.646
4995.277	5372.420	2.934	3.653	200.189
1.000	14.765			
3/19/2016 12:29:45 PM	346500.000	146.421	21.325	333.739
4993.082	5370.059	2.932	3.652	200.277
1.000	14.764			
3/19/2016 12:44:45 PM	347400.000	146.418	21.329	333.731
4993.913	5370.451	2.933	3.652	200.244
1.000	14.760			
3/19/2016 12:59:45 PM	348300.000	146.378	21.329	333.641
4992.901	5369.362	2.932	3.651	200.284
1.000	14.767			
3/19/2016 1:14:45 PM	349200.000	146.397	21.328	333.685
4992.750	5369.354	2.932	3.651	200.290
1.000	14.766			
3/19/2016 1:29:45 PM	350100.000	146.393	21.331	333.675
4992.584	5368.838	2.932	3.651	200.297
1.000	14.769			
3/19/2016 1:44:45 PM	351000.000	146.385	21.328	333.657
4991.679	5368.203	2.931	3.650	200.333
1.000	14.766			
3/19/2016 1:59:45 PM	351900.000	146.375	21.328	333.634
4990.733	5367.147	2.931	3.650	200.371
1.000	14.764			
3/19/2016 2:14:45 PM	352800.000	146.365	21.328	333.610
4990.996	5367.439	2.931	3.650	200.361
1.000	14.767			
3/19/2016 2:29:45 PM	353700.000	146.371	21.330	333.625
4990.297	5366.484	2.930	3.649	200.389
1.000	14.762			
3/19/2016 2:44:45 PM	354600.000	146.330	21.330	333.531
4990.299	5366.467	2.930	3.649	200.389
1.000	14.759			

3/19/2016 2:59:45 PM	355500.000	146.347	21.336	333.569
4991.562	5367.208	2.931	3.650	200.338
1.000	14.763			
3/19/2016 3:14:45 PM	356400.000	146.350	21.335	333.577
4990.759	5366.460	2.930	3.649	200.370
1.000	14.754			
3/19/2016 3:29:45 PM	357300.000	146.341	21.333	333.556
4991.085	5367.014	2.931	3.650	200.357
1.000	14.751			
3/19/2016 3:44:45 PM	358200.000	146.335	21.335	333.542
4991.057	5366.693	2.930	3.649	200.358
1.000	14.750			
3/19/2016 3:59:45 PM	359100.000	146.281	21.335	333.420
4990.834	5366.521	2.930	3.649	200.367
1.000	14.757			
3/19/2016 4:14:45 PM	360000.000	146.317	21.334	333.501
4990.275	5365.997	2.930	3.649	200.390
1.000	14.752			
3/19/2016 4:29:45 PM	360900.000	146.305	21.337	333.474
4991.515	5366.982	2.931	3.650	200.340
1.000	14.751			
3/19/2016 4:44:45 PM	361800.000	146.304	21.342	333.473
4992.316	5367.265	2.931	3.650	200.308
1.000	14.744			
3/19/2016 4:59:45 PM	362700.000	146.287	21.338	333.433
4991.172	5366.479	2.930	3.649	200.354
1.000	14.747			
3/19/2016 5:14:45 PM	363600.000	146.285	21.338	333.427
4991.228	5366.607	2.930	3.649	200.352
1.000	14.746			
3/19/2016 5:29:45 PM	364500.000	146.277	21.339	333.409
4990.889	5366.107	2.930	3.649	200.365
1.000	14.750			
3/19/2016 5:44:45 PM	365400.000	146.261	21.340	333.373
4992.146	5367.333	2.931	3.650	200.315
1.000	14.748			
3/19/2016 5:59:45 PM	366300.000	146.255	21.342	333.361
4991.247	5366.221	2.930	3.649	200.351
1.000	14.743			
3/19/2016 6:14:45 PM	367200.000	146.251	21.342	333.352
4991.854	5366.816	2.931	3.649	200.326
1.000	14.745			
3/19/2016 6:29:45 PM	368100.000	146.232	21.344	333.308
4993.104	5367.978	2.931	3.650	200.276
1.000	14.745			
3/19/2016 6:44:45 PM	369000.000	146.229	21.345	333.302
4993.490	5368.208	2.931	3.650	200.261
1.000	14.747			
3/19/2016 6:59:45 PM	369900.000	146.222	21.349	333.285
4993.907	5368.310	2.931	3.650	200.244
1.000	14.745			
3/19/2016 7:14:45 PM	370800.000	146.215	21.350	333.270
4994.392	5368.627	2.932	3.651	200.225
1.000	14.743			
3/19/2016 7:29:45 PM	371700.000	146.222	21.351	333.285
4994.041	5368.201	2.931	3.650	200.239

1.000	14.741				
3/19/2016 7:44:45 PM	372600.000	146.206	21.351	333.248	
4994.155	5368.285	2.931	3.650	200.234	
1.000	14.743				
3/19/2016 7:59:45 PM	373500.000	146.192	21.354	333.218	
4994.469	5368.294	2.931	3.650	200.221	
1.000	14.750				
3/19/2016 8:14:45 PM	374400.000	146.186	21.356	333.203	
4993.411	5366.945	2.931	3.650	200.264	
1.000	14.751				
3/19/2016 8:29:45 PM	375300.000	146.190	21.358	333.213	
4994.683	5368.081	2.931	3.650	200.213	
1.000	14.746				
3/19/2016 8:44:45 PM	376200.000	146.175	21.362	333.177	
4994.621	5367.627	2.931	3.650	200.215	
1.000	14.752				
3/19/2016 8:59:45 PM	377100.000	146.174	21.361	333.176	
4994.939	5368.027	2.931	3.650	200.203	
1.000	14.752				
3/19/2016 9:14:45 PM	378000.000	146.165	21.356	333.154	
4994.274	5367.873	2.931	3.650	200.229	
1.000	14.758				
3/19/2016 9:29:45 PM	378900.000	146.154	21.350	333.130	
4990.685	5364.720	2.929	3.648	200.373	
1.000	14.759				
3/19/2016 9:44:45 PM	379800.000	146.162	21.345	333.149	
4986.347	5360.519	2.927	3.645	200.548	
1.000	14.761				
3/19/2016 9:59:45 PM	380700.000	146.157	21.343	333.138	
4981.507	5355.547	2.924	3.642	200.742	
1.000	14.759				
3/19/2016 10:14:45 PM	381600.000	146.194	21.342	333.221	
4976.311	5350.095	2.921	3.638	200.952	
1.000	14.759				
3/19/2016 10:29:45 PM	382500.000	146.146	21.341	333.112	
4970.082	5343.496	2.917	3.634	201.204	
1.000	14.759				
3/19/2016 10:44:45 PM	383400.000	146.147	21.341	333.113	
4964.015	5337.040	2.913	3.629	201.450	
1.000	14.754				
3/19/2016 10:59:45 PM	384300.000	146.102	21.340	333.010	
4957.432	5330.086	2.909	3.624	201.717	
1.000	14.766				
3/19/2016 11:14:45 PM	385200.000	146.143	21.334	333.106	
4950.365	5323.122	2.905	3.620	202.005	
1.000	14.764				
3/19/2016 11:29:45 PM	386100.000	146.110	21.321	333.030	
4942.468	5316.016	2.901	3.615	202.328	
1.000	14.764				
3/19/2016 11:44:45 PM	387000.000	146.109	21.319	333.027	
4932.775	5305.849	2.895	3.608	202.726	
1.000	14.767				
3/19/2016 11:59:45 PM	387900.000	146.142	21.321	333.104	
4928.050	5300.557	2.892	3.604	202.920	
1.000	14.765				
3/20/2016 12:14:45 AM	388800.000	146.139	21.321	333.096	

4925.355	5297.572	2.890	3.602	203.031
1.000	14.763			
3/20/2016 12:29:45 AM	389700.000	146.086	21.324	332.976
4925.387	5297.348	2.890	3.602	203.030
1.000	14.768			
3/20/2016 12:44:45 AM	390600.000	146.094	21.324	332.993
4924.561	5296.402	2.890	3.602	203.064
1.000	14.764			
3/20/2016 12:59:45 AM	391500.000	146.132	21.325	333.081
4924.949	5296.783	2.890	3.602	203.048
1.000	14.768			
3/20/2016 1:14:45 AM	392400.000	146.123	21.325	333.060
4924.369	5296.073	2.889	3.601	203.072
1.000	14.765			
3/20/2016 1:29:45 AM	393300.000	146.129	21.327	333.074
4924.116	5295.638	2.889	3.601	203.082
1.000	14.764			
3/20/2016 1:44:45 AM	394200.000	146.126	21.330	333.067
4924.776	5295.977	2.889	3.601	203.055
1.000	14.765			
3/20/2016 1:59:45 AM	395100.000	146.126	21.327	333.066
4924.154	5295.613	2.889	3.601	203.081
1.000	14.770			
3/20/2016 2:14:45 AM	396000.000	146.123	21.326	333.060
4923.667	5295.280	2.889	3.601	203.101
1.000	14.767			
3/20/2016 2:29:45 AM	396900.000	146.118	21.330	333.049
4924.214	5295.392	2.889	3.601	203.078
1.000	14.770			
3/20/2016 2:44:45 AM	397800.000	146.107	21.329	333.022
4923.242	5294.460	2.888	3.600	203.118
1.000	14.775			
3/20/2016 2:59:45 AM	398700.000	146.088	21.328	332.979
4923.721	5295.100	2.889	3.601	203.098
1.000	14.767			
3/20/2016 3:14:45 AM	399600.000	146.114	21.332	333.040
4923.563	5294.443	2.888	3.600	203.105
1.000	14.773			
3/20/2016 3:29:45 AM	400500.000	146.086	21.330	332.976
4923.479	5294.658	2.889	3.600	203.108
1.000	14.765			
3/20/2016 3:44:45 AM	401400.000	146.119	21.332	333.050
4923.716	5294.637	2.889	3.600	203.099
1.000	14.763			
3/20/2016 3:59:45 AM	402300.000	146.138	21.327	333.094
4922.680	5294.029	2.888	3.600	203.141
1.000	14.758			
3/20/2016 4:14:45 AM	403200.000	146.086	21.329	332.974
4923.450	5294.674	2.889	3.600	203.110
1.000	14.761			
3/20/2016 4:29:45 AM	404100.000	146.124	21.332	333.061
4923.777	5294.693	2.889	3.600	203.096
1.000	14.763			
3/20/2016 4:44:45 AM	405000.000	146.126	21.336	333.067
4924.655	5295.227	2.889	3.601	203.060
1.000	14.766			

3/20/2016 4:59:45 AM	405900.000	146.130	21.332	333.075
4924.746	5295.801	2.889	3.601	203.056
1.000	14.759			
3/20/2016 5:14:45 AM	406800.000	146.130	21.331	333.074
4924.172	5295.251	2.889	3.601	203.080
1.000	14.758			
3/20/2016 5:29:45 AM	407700.000	146.123	21.331	333.060
4924.304	5295.363	2.889	3.601	203.074
1.000	14.762			
3/20/2016 5:44:45 AM	408600.000	146.127	21.337	333.069
4924.647	5295.133	2.889	3.601	203.060
1.000	14.767			
3/20/2016 5:59:45 AM	409500.000	146.120	21.333	333.052
4925.292	5296.256	2.889	3.601	203.034
1.000	14.765			
3/20/2016 6:14:45 AM	410400.000	146.135	21.333	333.086
4926.076	5297.107	2.890	3.602	203.001
1.000	14.762			
3/20/2016 6:29:45 AM	411300.000	146.139	21.330	333.095
4926.015	5297.310	2.890	3.602	203.004
1.000	14.759			
3/20/2016 6:44:45 AM	412200.000	146.135	21.335	333.088
4927.048	5297.915	2.890	3.603	202.961
1.000	14.766			
3/20/2016 6:59:45 AM	413100.000	146.141	21.340	333.100
4928.710	5299.130	2.891	3.603	202.893
1.000	14.767			
3/20/2016 7:14:45 AM	414000.000	146.135	21.337	333.086
4929.367	5300.160	2.892	3.604	202.866
1.000	14.766			
3/20/2016 7:29:45 AM	414900.000	146.153	21.340	333.128
4928.868	5299.347	2.891	3.604	202.886
1.000	14.761			
3/20/2016 7:44:45 AM	415800.000	146.117	21.336	333.045
4928.812	5299.716	2.892	3.604	202.889
1.000	14.762			
3/20/2016 7:59:45 AM	416700.000	146.150	21.338	333.120
4930.542	5301.329	2.892	3.605	202.817
1.000	14.770			
3/20/2016 8:14:45 AM	417600.000	146.117	21.332	333.045
4928.476	5299.774	2.892	3.604	202.902
1.000	14.769			
3/20/2016 8:29:45 AM	418500.000	146.148	21.338	333.117
4930.714	5301.495	2.893	3.605	202.810
1.000	14.769			
3/20/2016 8:44:45 AM	419400.000	146.112	21.346	333.034
4930.998	5301.007	2.892	3.605	202.799
1.000	14.770			
3/20/2016 8:59:45 AM	420300.000	146.151	21.344	333.123
4931.341	5301.577	2.893	3.605	202.785
1.000	14.772			
3/20/2016 9:14:45 AM	421200.000	146.168	21.337	333.162
4931.137	5302.139	2.893	3.605	202.793
1.000	14.772			
3/20/2016 9:29:45 AM	422100.000	146.179	21.336	333.187
4930.831	5301.829	2.893	3.605	202.806

1.000	14.767			
3/20/2016 9:44:45 AM	423000.000	146.165	21.345	333.155
4932.428	5302.611	2.893	3.606	202.740
1.000	14.771			
3/20/2016 9:59:45 AM	423900.000	146.167	21.344	333.160
4933.428	5303.821	2.894	3.607	202.699
1.000	14.773			
3/20/2016 10:14:45 AM	424800.000	146.151	21.341	333.123
4934.130	5304.853	2.895	3.607	202.670
1.000	14.767			
3/20/2016 10:29:45 AM	425700.000	146.175	21.340	333.177
4934.523	5305.455	2.895	3.608	202.654
1.000	14.773			
3/20/2016 10:44:45 AM	426600.000	146.181	21.346	333.191
4935.807	5306.158	2.895	3.608	202.601
1.000	14.774			
3/20/2016 10:59:45 AM	427500.000	146.182	21.341	333.194
4937.783	5308.751	2.897	3.610	202.520
1.000	14.770			
3/20/2016 11:14:45 AM	428400.000	146.189	21.345	333.210
4938.102	5308.654	2.897	3.610	202.507
1.000	14.767			
3/20/2016 11:29:45 AM	429300.000	146.188	21.345	333.208
4939.017	5309.667	2.897	3.611	202.469
1.000	14.773			
3/20/2016 11:44:45 AM	430200.000	146.195	21.339	333.224
4938.455	5309.769	2.897	3.611	202.492
1.000	14.770			
3/20/2016 11:59:45 AM	431100.000	146.203	21.341	333.241
4941.036	5312.267	2.899	3.612	202.387
1.000	14.769			
3/20/2016 12:14:45 PM	432000.000	146.198	21.345	333.230
4941.534	5312.400	2.899	3.612	202.366
1.000	14.775			
3/20/2016 12:29:45 PM	432900.000	146.197	21.344	333.227
4942.435	5313.514	2.900	3.613	202.329
1.000	14.774			
3/20/2016 12:44:45 PM	433800.000	146.205	21.341	333.245
4942.852	5314.209	2.900	3.614	202.312
1.000	14.778			
3/20/2016 12:59:45 PM	434700.000	146.203	21.340	333.242
4943.790	5315.410	2.901	3.614	202.274
1.000	14.781			
3/20/2016 1:14:45 PM	435600.000	146.174	21.338	333.175
4945.786	5317.728	2.902	3.616	202.192
1.000	14.773			
3/20/2016 1:29:45 PM	436500.000	146.209	21.337	333.256
4946.087	5318.146	2.902	3.616	202.180
1.000	14.773			
3/20/2016 1:44:45 PM	437400.000	146.205	21.341	333.247
4948.250	5320.033	2.903	3.618	202.092
1.000	14.771			
3/20/2016 1:59:45 PM	438300.000	146.209	21.342	333.255
4948.499	5320.157	2.903	3.618	202.081
1.000	14.771			
3/20/2016 2:14:45 PM	439200.000	146.172	21.340	333.171

4948.838	5320.828	2.904	3.618	202.068
1.000	14.765			
3/20/2016 2:29:45 PM	440100.000	146.168	21.342	333.162
4949.603	5321.391	2.904	3.619	202.036
1.000	14.770			
3/20/2016 2:44:45 PM	441000.000	146.169	21.340	333.164
4951.788	5323.922	2.906	3.620	201.947
1.000	14.766			
3/20/2016 2:59:45 PM	441900.000	146.201	21.338	333.236
4952.433	5324.846	2.906	3.621	201.921
1.000	14.766			
3/20/2016 3:14:45 PM	442800.000	146.200	21.341	333.236
4955.441	5327.832	2.908	3.623	201.798
1.000	14.763			
3/20/2016 3:29:45 PM	443700.000	146.194	21.346	333.220
4957.760	5329.682	2.909	3.624	201.704
1.000	14.764			
3/20/2016 3:44:45 PM	444600.000	146.182	21.346	333.193
4956.259	5328.078	2.908	3.623	201.765
1.000	14.771			
3/20/2016 3:59:45 PM	445500.000	146.195	21.342	333.223
4956.779	5329.097	2.909	3.624	201.744
1.000	14.760			
3/20/2016 4:14:45 PM	446400.000	146.188	21.340	333.207
4955.802	5328.306	2.908	3.623	201.784
1.000	14.764			
3/20/2016 4:29:45 PM	447300.000	146.199	21.341	333.233
4956.401	5328.863	2.908	3.624	201.759
1.000	14.760			
3/20/2016 4:44:45 PM	448200.000	146.183	21.340	333.196
4956.936	5329.515	2.909	3.624	201.738
1.000	14.770			
3/20/2016 4:59:45 PM	449100.000	146.187	21.340	333.206
4958.016	5330.695	2.910	3.625	201.694
1.000	14.767			
3/20/2016 5:14:45 PM	450000.000	146.182	21.339	333.194
4958.462	5331.233	2.910	3.625	201.675
1.000	14.768			
3/20/2016 5:29:45 PM	450900.000	146.181	21.342	333.192
4960.586	5333.200	2.911	3.627	201.589
1.000	14.763			
3/20/2016 5:44:45 PM	451800.000	146.186	21.345	333.203
4962.595	5334.995	2.912	3.628	201.507
1.000	14.761			
3/20/2016 5:59:45 PM	452700.000	146.177	21.348	333.182
4964.575	5336.863	2.913	3.629	201.427
1.000	14.763			
3/20/2016 6:14:45 PM	453600.000	146.172	21.347	333.170
4963.716	5336.066	2.913	3.629	201.462
1.000	14.764			
3/20/2016 6:29:45 PM	454500.000	146.161	21.344	333.147
4963.545	5336.199	2.913	3.629	201.469
1.000	14.767			
3/20/2016 6:44:45 PM	455400.000	146.179	21.345	333.188
4964.143	5336.696	2.913	3.629	201.445
1.000	14.769			



3/20/2016 6:59:45 PM	456300.000	146.177	21.341	333.182
4964.515	5337.500	2.913	3.630	201.430
1.000	14.769			
3/20/2016 7:14:45 PM	457200.000	146.174	21.340	333.176
4967.351	5340.722	2.915	3.632	201.315
1.000	14.774			
3/20/2016 7:29:45 PM	458100.000	146.178	21.341	333.184
4970.410	5343.896	2.917	3.634	201.191
1.000	14.768			
3/20/2016 7:44:45 PM	459000.000	146.178	21.348	333.185
4971.195	5343.952	2.917	3.634	201.159
1.000	14.768			
3/20/2016 7:59:45 PM	459900.000	146.176	21.337	333.181
4969.349	5343.177	2.917	3.633	201.234
1.000	14.770			
3/20/2016 8:14:45 PM	460800.000	146.145	21.336	333.110
4969.681	5343.593	2.917	3.634	201.220
1.000	14.775			
3/20/2016 8:29:45 PM	461700.000	146.169	21.338	333.165
4970.472	5344.310	2.917	3.634	201.188
1.000	14.783			
3/20/2016 8:44:45 PM	462600.000	146.180	21.337	333.189
4970.752	5344.726	2.918	3.634	201.177
1.000	14.774			
3/20/2016 8:59:45 PM	463500.000	146.170	21.346	333.165
4971.621	5344.659	2.918	3.634	201.142
1.000	14.776			
3/20/2016 9:14:45 PM	464400.000	146.178	21.344	333.184
4971.583	5344.792	2.918	3.634	201.143
1.000	14.775			
3/20/2016 9:29:45 PM	465300.000	146.177	21.340	333.183
4969.835	5343.364	2.917	3.633	201.214
1.000	14.771			
3/20/2016 9:44:45 PM	466200.000	146.187	21.347	333.205
4971.017	5343.847	2.917	3.634	201.166
1.000	14.767			
3/20/2016 9:59:45 PM	467100.000	146.178	21.349	333.184
4972.087	5344.805	2.918	3.634	201.123
1.000	14.773			
3/20/2016 10:14:45 PM	468000.000	146.187	21.347	333.206
4972.171	5345.097	2.918	3.635	201.119
1.000	14.774			
3/20/2016 10:29:45 PM	468900.000	146.184	21.340	333.199
4970.719	5344.286	2.917	3.634	201.178
1.000	14.776			
3/20/2016 10:44:45 PM	469800.000	146.192	21.341	333.217
4971.318	5344.825	2.918	3.634	201.154
1.000	14.779			
3/20/2016 10:59:45 PM	470700.000	146.198	21.342	333.231
4972.719	5346.215	2.919	3.635	201.097
1.000	14.779			
3/20/2016 11:14:45 PM	471600.000	146.189	21.347	333.211
4972.269	5345.261	2.918	3.635	201.115
1.000	14.781			
3/20/2016 11:29:45 PM	472500.000	146.193	21.345	333.219
4971.961	5345.083	2.918	3.635	201.128

1.000	14.782				
3/20/2016 11:44:45 PM	473400.000	146.199	21.348	333.232	
4972.302	5345.122	2.918	3.635	201.114	
1.000	14.782				
3/20/2016 11:59:45 PM	474300.000	146.197	21.351	333.227	
4973.019	5345.633	2.918	3.635	201.085	
1.000	14.779				
3/21/2016 12:14:45 AM	475200.000	146.252	21.341	333.354	
4973.227	5346.876	2.919	3.636	201.077	
1.000	14.775				
3/21/2016 12:29:45 AM	476100.000	146.209	21.340	333.255	
4972.842	5346.549	2.919	3.636	201.092	
1.000	14.777				
3/21/2016 12:44:45 AM	477000.000	146.229	21.341	333.300	
4972.469	5346.062	2.918	3.635	201.107	
1.000	14.768				
3/21/2016 12:59:45 AM	477900.000	146.218	21.343	333.276	
4973.806	5347.307	2.919	3.636	201.053	
1.000	14.780				
3/21/2016 1:14:45 AM	478800.000	146.228	21.349	333.299	
4975.631	5348.615	2.920	3.637	200.980	
1.000	14.774				
3/21/2016 1:29:45 AM	479700.000	146.196	21.344	333.225	
4975.268	5348.743	2.920	3.637	200.994	
1.000	14.778				
3/21/2016 1:44:45 AM	480600.000	146.233	21.343	333.310	
4974.368	5347.882	2.920	3.637	201.031	
1.000	14.781				
3/21/2016 1:59:45 AM	481500.000	146.229	21.340	333.302	
4975.346	5349.242	2.920	3.637	200.991	
1.000	14.787				
3/21/2016 2:14:45 AM	482400.000	146.208	21.338	333.253	
4976.520	5350.812	2.921	3.639	200.944	
1.000	14.785				
3/21/2016 2:29:45 AM	483300.000	146.251	21.338	333.351	
4978.756	5353.140	2.923	3.640	200.853	
1.000	14.783				
3/21/2016 2:44:45 AM	484200.000	146.259	21.338	333.369	
4978.458	5352.905	2.922	3.640	200.865	
1.000	14.779				
3/21/2016 2:59:45 AM	485100.000	146.253	21.344	333.355	
4979.170	5352.958	2.922	3.640	200.837	
1.000	14.781				
3/21/2016 3:14:45 AM	486000.000	146.255	21.347	333.361	
4981.708	5355.408	2.924	3.642	200.734	
1.000	14.781				
3/21/2016 3:29:45 AM	486900.000	146.256	21.348	333.364	
4981.148	5354.603	2.923	3.641	200.757	
1.000	14.787				
3/21/2016 3:44:45 AM	487800.000	146.263	21.339	333.377	
4979.901	5354.313	2.923	3.641	200.807	
1.000	14.783				
3/21/2016 3:59:45 AM	488700.000	146.267	21.345	333.387	
4980.697	5354.532	2.923	3.641	200.775	
1.000	14.778				
3/21/2016 4:14:45 AM	489600.000	146.267	21.346	333.388	

4981.517	5355.259	2.924	3.642	200.742
1.000	14.783			
3/21/2016 4:29:45 AM	490500.000	146.268	21.348	333.390
4981.866	5355.470	2.924	3.642	200.728
1.000	14.784			
3/21/2016 4:44:45 AM	491400.000	146.264	21.345	333.382
4982.067	5355.976	2.924	3.642	200.720
1.000	14.783			
3/21/2016 4:59:45 AM	492300.000	146.269	21.346	333.393
4982.012	5355.753	2.924	3.642	200.722
1.000	14.786			
3/21/2016 5:14:45 AM	493200.000	146.285	21.349	333.429
4982.844	5356.350	2.924	3.642	200.689
1.000	14.784			
3/21/2016 5:29:45 AM	494100.000	146.281	21.351	333.420
4983.103	5356.396	2.924	3.642	200.678
1.000	14.780			
3/21/2016 5:44:45 AM	495000.000	146.286	21.347	333.431
4983.504	5357.251	2.925	3.643	200.662
1.000	14.790			
3/21/2016 5:59:45 AM	495900.000	146.291	21.347	333.443
4983.564	5357.413	2.925	3.643	200.660
1.000	14.779			
3/21/2016 6:14:45 AM	496800.000	146.295	21.343	333.452
4984.007	5358.284	2.926	3.644	200.642
1.000	14.785			
3/21/2016 6:29:45 AM	497700.000	146.301	21.351	333.464
4985.140	5358.652	2.926	3.644	200.596
1.000	14.789			
3/21/2016 6:44:45 AM	498600.000	146.296	21.346	333.454
4983.833	5357.731	2.925	3.643	200.649
1.000	14.787			
3/21/2016 6:59:45 AM	499500.000	146.304	21.349	333.473
4984.780	5358.430	2.926	3.644	200.611
1.000	14.784			
3/21/2016 7:14:45 AM	500400.000	146.297	21.346	333.457
4985.852	5359.977	2.927	3.645	200.568
1.000	14.785			
3/21/2016 7:29:45 AM	501300.000	146.313	21.345	333.493
4986.541	5360.833	2.927	3.645	200.540
1.000	14.786			
3/21/2016 7:44:45 AM	502200.000	146.307	21.345	333.480
4987.309	5361.563	2.927	3.646	200.509
1.000	14.790			
3/21/2016 7:59:45 AM	503100.000	146.297	21.344	333.456
4987.697	5362.145	2.928	3.646	200.493
1.000	14.794			
3/21/2016 8:14:45 AM	504000.000	146.301	21.345	333.465
4987.563	5361.846	2.928	3.646	200.499
1.000	14.793			
3/21/2016 8:29:45 AM	504900.000	146.305	21.351	333.474
4989.321	5363.109	2.928	3.647	200.428
1.000	14.787			
3/21/2016 8:44:45 AM	505800.000	146.314	21.341	333.495
4989.396	5364.280	2.929	3.648	200.425
1.000	14.797			

3/21/2016 8:59:45 AM	506700.000	146.314	21.344	333.495
4989.408	5364.004	2.929	3.648	200.425
1.000	14.798			
3/21/2016 9:14:45 AM	507600.000	146.315	21.348	333.496
4990.849	5365.040	2.930	3.648	200.367
1.000	14.798			
3/21/2016 9:29:45 AM	508500.000	146.311	21.351	333.489
4992.123	5366.168	2.930	3.649	200.316
1.000	14.800			
3/21/2016 9:44:45 AM	509400.000	146.325	21.350	333.520
4993.278	5367.449	2.931	3.650	200.269
1.000	14.799			
3/21/2016 9:59:45 AM	510300.000	146.318	21.350	333.503
4992.858	5367.055	2.931	3.650	200.286
1.000	14.800			
3/21/2016 10:14:45 AM	511200.000	146.313	21.349	333.492
4994.365	5368.772	2.932	3.651	200.226
1.000	14.805			
3/21/2016 10:29:45 AM	512100.000	146.320	21.353	333.508
4994.755	5368.747	2.932	3.651	200.210
1.000	14.800			
3/21/2016 10:44:45 AM	513000.000	146.319	21.349	333.507
4995.261	5369.715	2.932	3.651	200.190
1.000	14.799			
3/21/2016 10:59:45 AM	513900.000	146.317	21.344	333.501
4995.414	5370.441	2.933	3.652	200.184
1.000	14.807			
3/21/2016 11:14:45 AM	514800.000	146.311	21.350	333.487
4995.585	5369.997	2.932	3.652	200.177
1.000	14.802			
3/21/2016 11:29:45 AM	515700.000	146.310	21.353	333.485
4997.309	5371.461	2.933	3.653	200.108
1.000	14.806			
3/21/2016 11:44:45 AM	516600.000	146.313	21.350	333.492
4997.520	5372.018	2.934	3.653	200.099
1.000	14.802			
3/21/2016 11:59:45 AM	517500.000	146.305	21.344	333.473
4997.902	5373.135	2.934	3.654	200.084
1.000	14.803			
3/21/2016 12:14:45 PM	518400.000	146.306	21.343	333.476
4999.358	5374.749	2.935	3.655	200.026
1.000	14.801			
3/21/2016 12:29:45 PM	519300.000	146.308	21.340	333.480
4999.322	5375.058	2.935	3.655	200.027
1.000	14.800			
3/21/2016 12:44:45 PM	520200.000	146.306	21.341	333.476
4999.465	5375.097	2.935	3.655	200.021
1.000	14.796			
3/21/2016 12:59:45 PM	521100.000	146.316	21.342	333.499
5001.044	5376.677	2.936	3.656	199.958
1.000	14.788			
3/21/2016 1:14:45 PM	522000.000	146.310	21.342	333.486
5000.288	5375.845	2.936	3.656	199.988
1.000	14.789			
3/21/2016 1:29:45 PM	522900.000	146.307	21.348	333.480
5001.883	5376.969	2.936	3.656	199.925

1.000	14.790				
3/21/2016 1:44:45 PM	523800.000	146.326	21.343	333.523	
5002.058	5377.680	2.937	3.657	199.918	
1.000	14.780				
3/21/2016 1:59:45 PM	524700.000	146.306	21.342	333.477	
5001.785	5377.522	2.937	3.657	199.929	
1.000	14.787				
3/21/2016 2:14:45 PM	525600.000	146.300	21.345	333.463	
5004.077	5379.647	2.938	3.658	199.837	
1.000	14.784				
3/21/2016 2:29:45 PM	526500.000	146.309	21.349	333.484	
5003.747	5378.809	2.938	3.658	199.850	
1.000	14.776				
3/21/2016 2:44:45 PM	527400.000	146.305	21.349	333.475	
5004.055	5379.169	2.938	3.658	199.838	
1.000	14.776				
3/21/2016 2:59:45 PM	528300.000	146.303	21.344	333.469	
5005.145	5380.863	2.939	3.659	199.794	
1.000	14.776				
3/21/2016 3:14:45 PM	529200.000	146.296	21.350	333.453	
5005.263	5380.351	2.938	3.659	199.790	
1.000	14.776				
3/21/2016 3:29:45 PM	530100.000	146.307	21.351	333.479	
5006.071	5381.152	2.939	3.659	199.757	
1.000	14.764				
3/21/2016 3:44:45 PM	531000.000	146.299	21.352	333.461	
5006.708	5381.673	2.939	3.660	199.732	
1.000	14.768				
3/21/2016 3:59:45 PM	531900.000	146.293	21.351	333.446	
5006.544	5381.583	2.939	3.659	199.739	
1.000	14.774				
3/21/2016 4:14:45 PM	532800.000	146.287	21.353	333.433	
5006.731	5381.562	2.939	3.659	199.731	
1.000	14.771				
3/21/2016 4:29:45 PM	533700.000	146.281	21.353	333.420	
5007.003	5381.864	2.939	3.660	199.720	
1.000	14.773				
3/21/2016 4:44:45 PM	534600.000	146.294	21.350	333.450	
5006.945	5382.169	2.939	3.660	199.723	
1.000	14.765				
3/21/2016 4:59:45 PM	535500.000	146.286	21.345	333.432	
5007.249	5382.989	2.940	3.660	199.710	
1.000	14.770				
3/21/2016 5:14:45 PM	536400.000	146.286	21.343	333.432	
5006.847	5382.790	2.940	3.660	199.727	
1.000	14.773				
3/21/2016 5:29:45 PM	537300.000	146.274	21.345	333.404	
5007.982	5383.788	2.940	3.661	199.681	
1.000	14.779				
3/21/2016 5:44:45 PM	538200.000	146.270	21.345	333.394	
5007.390	5383.199	2.940	3.661	199.705	
1.000	14.777				
3/21/2016 5:59:45 PM	539100.000	146.268	21.348	333.389	
5008.724	5384.314	2.941	3.661	199.652	
1.000	14.776				
3/21/2016 6:14:45 PM	540000.000	146.272	21.349	333.399	

5008.924	5384.346	2.941	3.661	199.644
1.000	14.773			
3/21/2016 6:29:45 PM	540900.000	146.271	21.347	333.397
5009.357	5385.072	2.941	3.662	199.626
1.000	14.774			
3/21/2016 6:44:45 PM	541800.000	146.263	21.351	333.379
5009.130	5384.382	2.941	3.661	199.635
1.000	14.778			
3/21/2016 6:59:45 PM	542700.000	146.256	21.351	333.362
5009.386	5384.705	2.941	3.662	199.625
1.000	14.773			
3/21/2016 7:14:45 PM	543600.000	146.257	21.348	333.365
5009.082	5384.630	2.941	3.662	199.637
1.000	14.772			
3/21/2016 7:29:45 PM	544500.000	146.262	21.346	333.376
5008.518	5384.248	2.941	3.661	199.660
1.000	14.773			
3/21/2016 7:44:45 PM	545400.000	146.245	21.348	333.337
5007.443	5382.869	2.940	3.660	199.703
1.000	14.779			
3/21/2016 7:59:45 PM	546300.000	146.246	21.349	333.340
5006.488	5381.785	2.939	3.660	199.741
1.000	14.771			
3/21/2016 8:14:45 PM	547200.000	146.248	21.349	333.344
5005.972	5381.259	2.939	3.659	199.761
1.000	14.777			
3/21/2016 8:29:45 PM	548100.000	146.247	21.344	333.343
5004.433	5380.098	2.938	3.658	199.823
1.000	14.775			
3/21/2016 8:44:45 PM	549000.000	146.257	21.341	333.365
5004.027	5380.001	2.938	3.658	199.839
1.000	14.778			
3/21/2016 8:59:45 PM	549900.000	146.240	21.342	333.325
5002.722	5378.539	2.937	3.657	199.891
1.000	14.783			
3/21/2016 9:14:45 PM	550800.000	146.243	21.337	333.332
5000.271	5376.397	2.936	3.656	199.989
1.000	14.789			
3/21/2016 9:29:45 PM	551700.000	146.263	21.342	333.379
5000.180	5375.757	2.936	3.656	199.993
1.000	14.792			
3/21/2016 9:44:45 PM	552600.000	146.190	21.352	333.211
5000.768	5375.336	2.936	3.655	199.969
1.000	14.793			
3/21/2016 9:59:45 PM	553500.000	146.228	21.348	333.298
5000.181	5375.149	2.935	3.655	199.993
1.000	14.796			
3/21/2016 10:14:45 PM	554400.000	146.217	21.346	333.273
4998.898	5373.926	2.935	3.654	200.044
1.000	14.802			
3/21/2016 10:29:45 PM	555300.000	146.228	21.340	333.298
4998.619	5374.273	2.935	3.655	200.055
1.000	14.800			
3/21/2016 10:44:45 PM	556200.000	146.223	21.339	333.286
4998.458	5374.254	2.935	3.654	200.062
1.000	14.802			

3/21/2016 10:59:45 PM	557100.000	146.220	21.343	333.281
4997.709	5372.957	2.934	3.654	200.092
1.000	14.799			
3/21/2016 11:14:45 PM	558000.000	146.222	21.351	333.286
4999.541	5374.122	2.935	3.654	200.018
1.000	14.799			
3/21/2016 11:29:45 PM	558900.000	146.219	21.346	333.279
4998.795	5373.863	2.935	3.654	200.048
1.000	14.808			
3/21/2016 11:44:45 PM	559800.000	146.195	21.339	333.224
4997.458	5373.199	2.934	3.654	200.102
1.000	14.804			
3/21/2016 11:59:45 PM	560700.000	146.222	21.346	333.285
4998.496	5373.551	2.934	3.654	200.060
1.000	14.803			
3/22/2016 12:14:45 AM	561600.000	146.224	21.346	333.290
4999.333	5374.423	2.935	3.655	200.027
1.000	14.801			
3/22/2016 12:29:45 AM	562500.000	146.227	21.349	333.295
4999.795	5374.600	2.935	3.655	200.008
1.000	14.807			
3/22/2016 12:44:45 AM	563400.000	146.189	21.341	333.210
4997.711	5373.249	2.934	3.654	200.092
1.000	14.809			
3/22/2016 12:59:45 AM	564300.000	146.218	21.343	333.276
4999.040	5374.455	2.935	3.655	200.038
1.000	14.810			
3/22/2016 1:14:45 AM	565200.000	146.218	21.348	333.276
5000.420	5375.358	2.936	3.655	199.983
1.000	14.813			
3/22/2016 1:29:45 AM	566100.000	146.226	21.343	333.294
4999.302	5374.717	2.935	3.655	200.028
1.000	14.810			
3/22/2016 1:44:45 AM	567000.000	146.233	21.343	333.309
4998.968	5374.368	2.935	3.655	200.041
1.000	14.809			
3/22/2016 1:59:45 AM	567900.000	146.229	21.350	333.302
5000.557	5375.254	2.935	3.655	199.978
1.000	14.813			
3/22/2016 2:14:45 AM	568800.000	146.232	21.346	333.307
5000.035	5375.225	2.935	3.655	199.999
1.000	14.813			
3/22/2016 2:29:45 AM	569700.000	146.230	21.341	333.303
4999.915	5375.569	2.936	3.655	200.003
1.000	14.812			
3/22/2016 2:44:45 AM	570600.000	146.232	21.350	333.308
5001.467	5376.222	2.936	3.656	199.941
1.000	14.811			
3/22/2016 2:59:45 AM	571500.000	146.241	21.347	333.328
5001.521	5376.629	2.936	3.656	199.939
1.000	14.811			
3/22/2016 3:14:45 AM	572400.000	146.242	21.350	333.331
5001.889	5376.743	2.936	3.656	199.924
1.000	14.802			
3/22/2016 3:29:45 AM	573300.000	146.243	21.343	333.332
5000.804	5376.342	2.936	3.656	199.968

1.000	14.807				
3/22/2016 3:44:45 AM	574200.000	146.243	21.342	333.333	
5001.849	5377.601	2.937	3.657	199.926	
1.000	14.808				
3/22/2016 3:59:45 AM	575100.000	146.248	21.341	333.344	
5001.876	5377.698	2.937	3.657	199.925	
1.000	14.809				
3/22/2016 4:14:45 AM	576000.000	146.248	21.337	333.344	
5001.168	5377.401	2.937	3.657	199.953	
1.000	14.817				
3/22/2016 4:29:45 AM	576900.000	146.244	21.337	333.336	
5001.973	5378.295	2.937	3.657	199.921	
1.000	14.811				
3/22/2016 4:44:45 AM	577800.000	146.258	21.338	333.367	
5003.110	5379.344	2.938	3.658	199.876	
1.000	14.806				
3/22/2016 4:59:45 AM	578700.000	146.262	21.338	333.376	
5005.437	5381.864	2.939	3.660	199.783	
1.000	14.806				
3/22/2016 5:14:45 AM	579600.000	146.253	21.338	333.355	
5005.902	5382.375	2.940	3.660	199.764	
1.000	14.810				
3/22/2016 5:29:45 AM	580500.000	146.253	21.337	333.355	
5008.587	5385.417	2.941	3.662	199.657	
1.000	14.816				
3/22/2016 5:44:45 AM	581400.000	146.258	21.338	333.367	
5009.142	5385.868	2.942	3.662	199.635	
1.000	14.811				
3/22/2016 5:59:45 AM	582300.000	146.257	21.337	333.366	
5009.176	5385.991	2.942	3.662	199.634	
1.000	14.819				
3/22/2016 6:14:45 AM	583200.000	146.210	21.345	333.257	
5010.887	5386.900	2.942	3.663	199.565	
1.000	14.825				
3/22/2016 6:29:45 AM	584100.000	146.249	21.348	333.346	
5011.313	5387.029	2.942	3.663	199.549	
1.000	14.821				
3/22/2016 6:44:45 AM	585000.000	146.248	21.343	333.345	
5010.418	5386.678	2.942	3.663	199.584	
1.000	14.825				
3/22/2016 6:59:45 AM	585900.000	146.243	21.340	333.333	
5009.695	5386.191	2.942	3.663	199.613	
1.000	14.833				
3/22/2016 7:14:45 AM	586800.000	146.256	21.342	333.361	
5010.679	5387.055	2.942	3.663	199.574	
1.000	14.822				
3/22/2016 7:29:45 AM	587700.000	146.248	21.348	333.344	
5011.320	5387.133	2.942	3.663	199.548	
1.000	14.828				
3/22/2016 7:44:45 AM	588600.000	146.249	21.349	333.346	
5011.351	5387.051	2.942	3.663	199.547	
1.000	14.840				
3/22/2016 7:59:45 AM	589500.000	146.264	21.343	333.380	
5010.533	5386.772	2.942	3.663	199.580	
1.000	14.830				
3/22/2016 8:14:45 AM	590400.000	146.257	21.343	333.366	



5011.056	5387.325	2.942	3.663	199.559
1.000	14.838			
3/22/2016 8:29:45 AM	591300.000	146.252	21.342	333.352
5010.584	5386.953	2.942	3.663	199.578
1.000	14.847			
3/22/2016 8:44:45 AM	592200.000	146.257	21.340	333.365
5012.192	5388.962	2.943	3.664	199.514
1.000	14.845			
3/22/2016 8:59:45 AM	593100.000	146.254	21.339	333.359
5012.245	5389.040	2.943	3.665	199.511
1.000	14.847			
3/22/2016 9:14:45 AM	594000.000	146.267	21.346	333.388
5014.011	5390.191	2.944	3.665	199.441
1.000	14.844			
3/22/2016 9:29:45 AM	594900.000	146.263	21.346	333.379
5013.569	5389.736	2.944	3.665	199.459
1.000	14.853			
3/22/2016 9:44:45 AM	595800.000	146.252	21.342	333.354
5013.804	5390.464	2.944	3.666	199.449
1.000	14.854			
3/22/2016 9:59:45 AM	596700.000	146.268	21.344	333.390
5013.517	5389.942	2.944	3.665	199.461
1.000	14.855			
3/22/2016 10:14:45 AM	597600.000	146.252	21.349	333.354
5015.097	5391.010	2.945	3.666	199.398
1.000	14.861			
3/22/2016 10:29:45 AM	598500.000	146.276	21.341	333.408
5012.917	5389.598	2.944	3.665	199.485
1.000	14.857			
3/22/2016 10:44:45 AM	599400.000	146.264	21.341	333.381
5013.428	5390.137	2.944	3.665	199.464
1.000	14.860			
3/22/2016 10:59:45 AM	600300.000	146.257	21.345	333.366
5014.218	5390.559	2.944	3.666	199.433
1.000	14.862			
3/22/2016 11:14:45 AM	601200.000	146.279	21.346	333.416
5014.757	5391.022	2.945	3.666	199.411
1.000	14.858			
3/22/2016 11:29:45 AM	602100.000	146.268	21.349	333.390
5015.195	5391.183	2.945	3.666	199.394
1.000	14.860			
3/22/2016 11:44:45 AM	603000.000	146.269	21.342	333.392
5015.348	5392.036	2.945	3.667	199.388
1.000	14.861			
3/22/2016 11:59:45 AM	603900.000	146.283	21.340	333.424
5014.724	5391.656	2.945	3.666	199.413
1.000	14.862			
3/22/2016 12:14:45 PM	604800.000	146.238	21.349	333.321
5016.139	5392.130	2.945	3.667	199.357
1.000	14.866			
3/22/2016 12:29:45 PM	605700.000	146.280	21.349	333.416
5015.396	5391.370	2.945	3.666	199.386
1.000	14.857			
3/22/2016 12:44:45 PM	606600.000	146.237	21.345	333.320
5015.385	5391.755	2.945	3.666	199.386
1.000	14.862			

3/22/2016 12:59:45 PM	607500.000	146.262	21.340	333.375
5014.841	5391.811	2.945	3.666	199.408
1.000	14.870			
3/22/2016 1:14:45 PM	608400.000	146.275	21.344	333.407
5016.038	5392.613	2.946	3.667	199.361
1.000	14.858			
3/22/2016 1:29:45 PM	609300.000	146.273	21.352	333.401
5017.591	5393.410	2.946	3.668	199.299
1.000	14.853			
3/22/2016 1:44:45 PM	610200.000	146.238	21.350	333.321
5017.819	5393.839	2.946	3.668	199.290
1.000	14.855			
3/22/2016 1:59:45 PM	611100.000	146.282	21.351	333.422
5017.551	5393.473	2.946	3.668	199.300
1.000	14.849			
3/22/2016 2:14:45 PM	612000.000	146.274	21.352	333.404
5016.836	5392.598	2.946	3.667	199.329
1.000	14.850			
3/22/2016 2:29:45 PM	612900.000	146.274	21.350	333.404
5017.593	5393.596	2.946	3.668	199.299
1.000	14.846			
3/22/2016 2:44:45 PM	613800.000	146.272	21.345	333.399
5017.421	5393.983	2.946	3.668	199.306
1.000	14.845			
3/22/2016 2:59:45 PM	614700.000	146.233	21.340	333.310
5016.098	5393.123	2.946	3.667	199.358
1.000	14.843			
3/22/2016 3:14:45 PM	615600.000	146.265	21.349	333.384
5016.922	5393.030	2.946	3.667	199.325
1.000	14.845			
3/22/2016 3:29:45 PM	616500.000	146.273	21.348	333.402
5018.009	5394.228	2.946	3.668	199.282
1.000	14.837			
3/22/2016 3:44:45 PM	617400.000	146.267	21.349	333.388
5017.125	5393.239	2.946	3.667	199.317
1.000	14.838			
3/22/2016 3:59:45 PM	618300.000	146.266	21.347	333.386
5017.621	5393.916	2.946	3.668	199.298
1.000	14.838			
3/22/2016 4:14:45 PM	619200.000	146.258	21.345	333.368
5016.142	5392.656	2.946	3.667	199.356
1.000	14.830			
3/22/2016 4:29:45 PM	620100.000	146.263	21.340	333.378
5016.598	5393.690	2.946	3.668	199.338
1.000	14.835			
3/22/2016 4:44:45 PM	621000.000	146.258	21.349	333.367
5018.051	5394.205	2.946	3.668	199.281
1.000	14.833			
3/22/2016 4:59:45 PM	621900.000	146.244	21.352	333.335
5018.739	5394.614	2.947	3.668	199.253
1.000	14.834			
3/22/2016 5:14:45 PM	622800.000	146.202	21.351	333.240
5018.899	5394.912	2.947	3.669	199.247
1.000	14.835			
3/22/2016 5:29:45 PM	623700.000	146.239	21.350	333.324
5018.385	5394.407	2.947	3.668	199.267

1.000	14.832				
3/22/2016 5:44:45 PM	624600.000	146.233	21.342	333.309	
5018.516	5395.442	2.947	3.669	199.262	
1.000	14.830				
3/22/2016 5:59:45 PM	625500.000	146.215	21.350	333.269	
5019.494	5395.648	2.947	3.669	199.223	
1.000	14.838				
3/22/2016 6:14:45 PM	626400.000	146.216	21.353	333.271	
5018.971	5394.736	2.947	3.668	199.244	
1.000	14.835				
3/22/2016 6:29:45 PM	627300.000	146.211	21.351	333.259	
5020.056	5396.116	2.948	3.669	199.201	
1.000	14.833				
3/22/2016 6:44:45 PM	628200.000	146.196	21.347	333.225	
5019.542	5396.001	2.948	3.669	199.221	
1.000	14.834				
3/22/2016 6:59:45 PM	629100.000	146.195	21.346	333.223	
5018.047	5394.530	2.947	3.668	199.281	
1.000	14.837				
3/22/2016 7:14:45 PM	630000.000	146.195	21.341	333.223	
5018.056	5395.113	2.947	3.669	199.280	
1.000	14.830				
3/22/2016 7:29:45 PM	630900.000	146.183	21.342	333.197	
5018.447	5395.445	2.947	3.669	199.265	
1.000	14.839				
3/22/2016 7:44:45 PM	631800.000	146.176	21.343	333.179	
5019.221	5396.083	2.948	3.669	199.234	
1.000	14.839				
3/22/2016 7:59:45 PM	632700.000	146.168	21.345	333.161	
5018.982	5395.681	2.947	3.669	199.244	
1.000	14.843				
3/22/2016 8:14:45 PM	633600.000	146.154	21.344	333.131	
5019.702	5396.523	2.948	3.670	199.215	
1.000	14.845				
3/22/2016 8:29:45 PM	634500.000	146.153	21.345	333.127	
5019.116	5395.825	2.947	3.669	199.238	
1.000	14.847				
3/22/2016 8:44:45 PM	635400.000	146.140	21.345	333.098	
5019.903	5396.651	2.948	3.670	199.207	
1.000	14.855				
3/22/2016 8:59:45 PM	636300.000	146.141	21.346	333.101	
5020.757	5397.405	2.948	3.670	199.173	
1.000	14.844				
3/22/2016 9:14:45 PM	637200.000	146.084	21.349	332.971	
5020.901	5397.297	2.948	3.670	199.167	
1.000	14.855				
3/22/2016 9:29:45 PM	638100.000	146.130	21.351	333.075	
5021.628	5397.884	2.949	3.671	199.139	
1.000	14.852				
3/22/2016 9:44:45 PM	639000.000	146.130	21.354	333.074	
5022.580	5398.490	2.949	3.671	199.101	
1.000	14.853				
3/22/2016 9:59:45 PM	639900.000	146.103	21.354	333.014	
5022.496	5398.486	2.949	3.671	199.104	
1.000	14.863				
3/22/2016 10:14:45 PM	640800.000	146.063	21.356	332.923	

5023.001	5398.719	2.949	3.671	199.084
1.000	14.865			
3/22/2016 10:29:45 PM	641700.000	146.100	21.360	333.006
5022.959	5398.228	2.949	3.671	199.086
1.000	14.861			
3/22/2016 10:44:45 PM	642600.000	146.100	21.359	333.007
5022.731	5398.099	2.949	3.671	199.095
1.000	14.855			
3/22/2016 10:59:45 PM	643500.000	146.099	21.361	333.004
5023.341	5398.599	2.949	3.671	199.071
1.000	14.858			
3/22/2016 11:14:45 PM	644400.000	146.051	21.363	332.896
5023.075	5398.071	2.949	3.671	199.081
1.000	14.858			
3/22/2016 11:29:45 PM	645300.000	146.089	21.361	332.982
5022.438	5397.599	2.948	3.670	199.106
1.000	14.855			
3/22/2016 11:44:45 PM	646200.000	146.078	21.360	332.956
5022.440	5397.670	2.949	3.670	199.106
1.000	14.861			
3/22/2016 11:59:45 PM	647100.000	146.077	21.360	332.954
5022.078	5397.271	2.948	3.670	199.121
1.000	14.859			
3/23/2016 12:14:45 AM	648000.000	146.082	21.363	332.966
5022.267	5397.211	2.948	3.670	199.113
1.000	14.861			
3/23/2016 12:29:45 AM	648900.000	146.078	21.363	332.956
5022.438	5397.357	2.948	3.670	199.106
1.000	14.857			
3/23/2016 12:44:45 AM	649800.000	146.072	21.365	332.944
5022.848	5397.631	2.949	3.670	199.090
1.000	14.863			
3/23/2016 12:59:45 AM	650700.000	146.084	21.358	332.971
5021.961	5397.427	2.948	3.670	199.125
1.000	14.855			
3/23/2016 1:14:45 AM	651600.000	146.079	21.354	332.960
5017.146	5392.640	2.946	3.667	199.316
1.000	14.858			
3/23/2016 1:29:45 AM	652500.000	146.081	21.349	332.964
5012.917	5388.657	2.943	3.664	199.485
1.000	14.853			
3/23/2016 1:44:45 AM	653400.000	146.084	21.346	332.971
5008.349	5384.124	2.941	3.661	199.667
1.000	14.857			
3/23/2016 1:59:45 AM	654300.000	146.079	21.345	332.960
5003.073	5378.567	2.937	3.657	199.877
1.000	14.854			
3/23/2016 2:14:45 AM	655200.000	146.090	21.344	332.984
4999.189	5374.520	2.935	3.655	200.032
1.000	14.855			
3/23/2016 2:29:45 AM	656100.000	146.094	21.343	332.993
4994.127	5369.134	2.932	3.651	200.235
1.000	14.851			
3/23/2016 2:44:45 AM	657000.000	146.086	21.343	332.974
4990.153	5364.872	2.929	3.648	200.395
1.000	14.853			

3/23/2016 2:59:45 AM	657900.000	146.047	21.343	332.886
4986.630	5361.094	2.927	3.646	200.536
1.000	14.852			
3/23/2016 3:14:45 AM	658800.000	146.094	21.342	332.993
4982.308	5356.515	2.925	3.642	200.710
1.000	14.849			
3/23/2016 3:29:45 AM	659700.000	146.087	21.342	332.978
4978.713	5352.640	2.922	3.640	200.855
1.000	14.851			
3/23/2016 3:44:45 AM	660600.000	146.093	21.341	332.992
4974.539	5348.287	2.920	3.637	201.024
1.000	14.847			
3/23/2016 3:59:45 AM	661500.000	146.091	21.334	332.987
4969.396	5343.546	2.917	3.634	201.232
1.000	14.846			
3/23/2016 4:14:45 AM	662400.000	146.068	21.321	332.934
4962.692	5337.750	2.914	3.630	201.504
1.000	14.844			
3/23/2016 4:29:45 AM	663300.000	146.069	21.320	332.937
4954.718	5329.346	2.909	3.624	201.828
1.000	14.844			
3/23/2016 4:44:45 AM	664200.000	146.072	21.321	332.944
4950.237	5324.324	2.906	3.621	202.011
1.000	14.843			
3/23/2016 4:59:45 AM	665100.000	146.062	21.321	332.920
4948.660	5322.628	2.905	3.619	202.075
1.000	14.849			
3/23/2016 5:14:45 AM	666000.000	146.073	21.323	332.946
4948.348	5322.072	2.904	3.619	202.088
1.000	14.845			
3/23/2016 5:29:45 AM	666900.000	146.081	21.325	332.964
4947.541	5321.070	2.904	3.618	202.121
1.000	14.843			
3/23/2016 5:44:45 AM	667800.000	146.107	21.325	333.023
4947.348	5320.844	2.904	3.618	202.129
1.000	14.850			
3/23/2016 5:59:45 AM	668700.000	146.115	21.327	333.041
4947.253	5320.512	2.904	3.618	202.132
1.000	14.849			
3/23/2016 6:14:45 AM	669600.000	146.106	21.328	333.021
4947.504	5320.620	2.904	3.618	202.122
1.000	14.853			
3/23/2016 6:29:45 AM	670500.000	146.117	21.328	333.046
4947.363	5320.544	2.904	3.618	202.128
1.000	14.846			
3/23/2016 6:44:45 AM	671400.000	146.115	21.329	333.040
4947.118	5320.175	2.903	3.618	202.138
1.000	14.852			
3/23/2016 6:59:45 AM	672300.000	146.118	21.331	333.048
4948.567	5321.446	2.904	3.619	202.079
1.000	14.858			
3/23/2016 7:14:45 AM	673200.000	146.120	21.329	333.052
4947.911	5321.018	2.904	3.618	202.105
1.000	14.857			
3/23/2016 7:29:45 AM	674100.000	146.121	21.330	333.055
4948.861	5321.858	2.904	3.619	202.067

1.000	14.862				
3/23/2016 7:44:45 AM	675000.000	146.114	21.334	333.040	
4948.230	5320.758	2.904	3.618	202.092	
1.000	14.862				
3/23/2016 7:59:45 AM	675900.000	146.080	21.333	332.961	
4948.933	5321.696	2.904	3.619	202.064	
1.000	14.866				
3/23/2016 8:14:45 AM	676800.000	146.079	21.333	332.960	
4950.230	5323.004	2.905	3.620	202.011	
1.000	14.872				
3/23/2016 8:29:45 AM	677700.000	146.114	21.330	333.040	
4950.947	5324.130	2.906	3.620	201.982	
1.000	14.882				
3/23/2016 8:44:45 AM	678600.000	146.122	21.335	333.057	
4950.414	5323.058	2.905	3.620	202.003	
1.000	14.875				
3/23/2016 8:59:45 AM	679500.000	146.112	21.335	333.035	
4951.511	5324.190	2.906	3.620	201.959	
1.000	14.879				
3/23/2016 9:14:45 AM	680400.000	146.083	21.333	332.969	
4951.006	5323.848	2.906	3.620	201.979	
1.000	14.876				
3/23/2016 9:29:45 AM	681300.000	146.113	21.336	333.036	
4952.462	5325.099	2.906	3.621	201.920	
1.000	14.880				
3/23/2016 9:44:45 AM	682200.000	146.119	21.338	333.050	
4953.093	5325.613	2.907	3.621	201.894	
1.000	14.883				
3/23/2016 9:59:45 AM	683100.000	146.083	21.337	332.968	
4953.594	5326.276	2.907	3.622	201.874	
1.000	14.881				
3/23/2016 10:14:45 AM	684000.000	146.115	21.339	333.041	
4955.495	5328.032	2.908	3.623	201.796	
1.000	14.882				
3/23/2016 10:29:45 AM	684900.000	146.080	21.337	332.960	
4955.827	5328.677	2.908	3.624	201.783	
1.000	14.885				
3/23/2016 10:44:45 AM	685800.000	146.116	21.336	333.043	
4955.411	5328.337	2.908	3.623	201.800	
1.000	14.892				
3/23/2016 10:59:45 AM	686700.000	146.119	21.336	333.050	
4956.459	5329.464	2.909	3.624	201.757	
1.000	14.884				
3/23/2016 11:14:45 AM	687600.000	146.117	21.339	333.046	
4956.303	5328.921	2.908	3.624	201.763	
1.000	14.886				
3/23/2016 11:29:45 AM	688500.000	146.106	21.343	333.021	
4957.834	5330.174	2.909	3.625	201.701	
1.000	14.891				
3/23/2016 11:44:45 AM	689400.000	146.110	21.342	333.029	
4957.386	5329.817	2.909	3.624	201.719	
1.000	14.892				
3/23/2016 11:59:45 AM	690300.000	146.109	21.338	333.027	
4958.274	5331.146	2.910	3.625	201.683	
1.000	14.883				
3/23/2016 12:14:45 PM	691200.000	146.094	21.340	332.992	

4959.292	5331.991	2.910	3.626	201.642
1.000	14.891			
3/23/2016 12:29:45 PM	692100.000	146.092	21.343	332.989
4959.433	5331.901	2.910	3.626	201.636
1.000	14.888			
3/23/2016 12:44:45 PM	693000.000	146.059	21.341	332.914
4959.076	5331.711	2.910	3.626	201.650
1.000	14.886			
3/23/2016 12:59:45 PM	693900.000	146.055	21.337	332.903
4959.817	5332.977	2.911	3.626	201.620
1.000	14.881			
3/23/2016 1:14:45 PM	694800.000	146.042	21.337	332.874
4960.574	5333.742	2.911	3.627	201.590
1.000	14.891			
3/23/2016 1:29:45 PM	695700.000	146.090	21.338	332.984
4961.632	5334.747	2.912	3.628	201.547
1.000	14.878			
3/23/2016 1:44:45 PM	696600.000	146.073	21.335	332.946
4960.884	5334.269	2.912	3.627	201.577
1.000	14.882			
3/23/2016 1:59:45 PM	697500.000	146.067	21.337	332.931
4961.587	5334.871	2.912	3.628	201.548
1.000	14.879			
3/23/2016 2:14:45 PM	698400.000	146.064	21.337	332.926
4962.876	5336.180	2.913	3.629	201.496
1.000	14.877			
3/23/2016 2:29:45 PM	699300.000	146.055	21.336	332.905
4963.664	5337.220	2.913	3.629	201.464
1.000	14.880			
3/23/2016 2:44:45 PM	700200.000	146.086	21.334	332.975
4964.911	5338.771	2.914	3.630	201.413
1.000	14.883			
3/23/2016 2:59:45 PM	701100.000	146.045	21.334	332.881
4966.554	5340.480	2.915	3.632	201.347
1.000	14.874			
3/23/2016 3:14:45 PM	702000.000	146.040	21.334	332.869
4967.874	5341.890	2.916	3.632	201.293
1.000	14.873			
3/23/2016 3:29:45 PM	702900.000	146.031	21.342	332.849
4969.252	5342.555	2.916	3.633	201.238
1.000	14.871			
3/23/2016 3:44:45 PM	703800.000	145.995	21.344	332.768
4971.045	5344.252	2.917	3.634	201.165
1.000	14.869			
3/23/2016 3:59:45 PM	704700.000	146.016	21.350	332.816
4971.960	5344.543	2.918	3.634	201.128
1.000	14.871			
3/23/2016 4:14:45 PM	705600.000	146.012	21.347	332.807
4970.932	5343.736	2.917	3.634	201.170
1.000	14.873			
3/23/2016 4:29:45 PM	706500.000	145.996	21.344	332.769
4970.230	5343.309	2.917	3.633	201.198
1.000	14.876			
3/23/2016 4:44:45 PM	707400.000	145.998	21.347	332.775
4971.487	5344.410	2.918	3.634	201.147
1.000	14.868			

3/23/2016 4:59:45 PM	708300.000	145.986	21.351	332.748
4971.094	5343.564	2.917	3.634	201.163
1.000	14.865			
3/23/2016 5:14:45 PM	709200.000	145.974	21.350	332.720
4970.683	5343.150	2.917	3.633	201.180
1.000	14.862			
3/23/2016 5:29:45 PM	710100.000	145.962	21.348	332.693
4970.282	5343.018	2.917	3.633	201.196
1.000	14.867			
3/23/2016 5:44:45 PM	711000.000	145.957	21.348	332.681
4971.359	5344.147	2.917	3.634	201.152
1.000	14.863			
3/23/2016 5:59:45 PM	711900.000	145.942	21.357	332.648
4971.820	5343.652	2.917	3.634	201.134
1.000	14.873			
3/23/2016 6:14:45 PM	712800.000	145.940	21.359	332.643
4972.733	5344.393	2.918	3.634	201.097
1.000	14.862			
3/23/2016 6:29:45 PM	713700.000	145.923	21.358	332.604
4972.690	5344.433	2.918	3.634	201.098
1.000	14.865			
3/23/2016 6:44:45 PM	714600.000	145.926	21.357	332.611
4973.138	5345.021	2.918	3.635	201.080
1.000	14.864			
3/23/2016 6:59:45 PM	715500.000	145.954	21.355	332.674
4972.370	5344.456	2.918	3.634	201.111
1.000	14.862			
3/23/2016 7:14:45 PM	716400.000	145.909	21.354	332.571
4972.339	5344.518	2.918	3.634	201.113
1.000	14.864			
3/23/2016 7:29:45 PM	717300.000	145.902	21.353	332.556
4972.092	5344.388	2.918	3.634	201.123
1.000	14.862			
3/23/2016 7:44:45 PM	718200.000	145.892	21.353	332.533
4972.698	5344.971	2.918	3.635	201.098
1.000	14.863			
3/23/2016 7:59:45 PM	719100.000	145.885	21.356	332.517
4972.345	5344.302	2.917	3.634	201.112
1.000	14.863			
3/23/2016 8:14:45 PM	720000.000	145.884	21.360	332.514
4973.735	5345.355	2.918	3.635	201.056
1.000	14.859			
3/23/2016 8:29:45 PM	720900.000	145.873	21.362	332.490
4974.335	5345.778	2.918	3.635	201.032
1.000	14.862			
3/23/2016 8:44:45 PM	721800.000	145.873	21.364	332.489
4974.063	5345.313	2.918	3.635	201.043
1.000	14.865			
3/23/2016 8:59:45 PM	722700.000	145.861	21.364	332.461
4974.456	5345.688	2.918	3.635	201.027
1.000	14.871			
3/23/2016 9:14:45 PM	723600.000	145.858	21.355	332.456
4972.466	5344.559	2.918	3.634	201.107
1.000	14.865			
3/23/2016 9:29:45 PM	724500.000	145.854	21.347	332.445
4967.180	5339.760	2.915	3.631	201.321



1.000	14.872			
3/23/2016 9:44:45 PM	725400.000	145.852	21.343	332.442
4958.281	5330.625	2.909	3.625	201.683
1.000	14.870			
3/23/2016 9:59:45 PM	726300.000	145.848	21.342	332.433
4949.986	5321.851	2.904	3.619	202.021
1.000	14.867			
3/23/2016 10:14:45 PM	727200.000	145.843	21.341	332.421
4942.205	5313.562	2.900	3.613	202.339
1.000	14.870			
3/23/2016 10:29:45 PM	728100.000	145.835	21.340	332.404
4933.925	5304.736	2.894	3.607	202.678
1.000	14.870			
3/23/2016 10:44:45 PM	729000.000	145.829	21.340	332.389
4926.672	5297.014	2.890	3.602	202.977
1.000	14.868			
3/23/2016 10:59:45 PM	729900.000	145.797	21.339	332.317
4918.147	5287.888	2.885	3.596	203.329
1.000	14.871			
3/23/2016 11:14:45 PM	730800.000	145.823	21.340	332.375
4910.892	5280.048	2.880	3.590	203.629
1.000	14.873			
3/23/2016 11:29:45 PM	731700.000	145.820	21.338	332.368
4903.608	5272.425	2.876	3.585	203.931
1.000	14.867			
3/23/2016 11:44:45 PM	732600.000	145.816	21.329	332.359
4897.549	5266.868	2.872	3.581	204.184
1.000	14.865			
3/23/2016 11:59:45 PM	733500.000	145.785	21.321	332.289
4891.207	5260.910	2.869	3.577	204.449
1.000	14.869			

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:  $\mu\text{S}/\text{cm}$

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
3/17/2016	0:00:00		0 92.546	17	1192.5
3/17/2016	0:15:00		0 92.566	17	1196
3/17/2016	0:30:00		0 92.525	17	1198.3
3/17/2016	0:45:00		0 92.545	17	1194.8
3/17/2016	1:00:00		0 92.55	17	1193.6
3/17/2016	1:15:00		0 92.537	17	1192.5
3/17/2016	1:30:00		0 92.558	17	1184.4
3/17/2016	1:45:00		0 92.545	17	1193.6
3/17/2016	2:00:00		0 92.547	17	1192.5
3/17/2016	2:15:00		0 92.572	17	1197.1
3/17/2016	2:30:00		0 92.54	17	1193.6
3/17/2016	2:45:00		0 92.583	17	1192.5
3/17/2016	3:00:00		0 92.567	17	1192.5
3/17/2016	3:15:00		0 92.57	17	1190.2
3/17/2016	3:30:00		0 92.535	17	1193.6
3/17/2016	3:45:00		0 92.534	17	1198.3
3/17/2016	4:00:00		0 92.579	17	1198.3
3/17/2016	4:15:00		0 92.6	17	1192.5
3/17/2016	4:30:00		0 92.56	17	1193.6
3/17/2016	4:45:00		0 92.582	17	1192.5
3/17/2016	5:00:00		0 92.584	17	1192.5
3/17/2016	5:15:00		0 92.604	17	1192.5
3/17/2016	5:30:00		0 92.562	17	1193.6
3/17/2016	5:45:00		0 92.582	17	1193.6
3/17/2016	6:00:00		0 92.541	17	1192.5
3/17/2016	6:15:00		0 92.601	17	1194.8
3/17/2016	6:30:00		0 92.561	17	1194.8
3/17/2016	6:45:00		0 92.58	17	1196
3/17/2016	7:00:00		0 92.614	17	1192.5
3/17/2016	7:15:00		0 92.552	17	1193.6
3/17/2016	7:30:00		0 92.589	17	1193.6

3/17/2016	7:45:00	0	92.567	17	1192.5
3/17/2016	8:00:00	0	92.588	17	1192.5
3/17/2016	8:15:00	0	92.566	17	1194.8
3/17/2016	8:30:00	0	92.502	17	1189
3/17/2016	8:45:00	0	92.603	17	1192.5
3/17/2016	9:00:00	0	92.582	17	1194.8
3/17/2016	9:15:00	0	92.564	17	1196
3/17/2016	9:30:00	0	92.562	17	1197.1
3/17/2016	9:45:00	0	92.583	17	1196
3/17/2016	10:00:00	0	92.588	17	1196
3/17/2016	10:15:00	0	92.554	17	1194.8
3/17/2016	10:30:00	0	92.538	17	1196
3/17/2016	10:45:00	0	92.599	17	1194.8
3/17/2016	11:00:00	0	92.543	17	1193.6
3/17/2016	11:15:00	0	92.542	17	1194.8
3/17/2016	11:30:00	0	92.524	17	1192.5
3/17/2016	11:45:00	0	92.528	17	1190.2
3/17/2016	12:00:00	0	92.531	17	1194.8
3/17/2016	12:15:00	0	92.535	17	1194.8
3/17/2016	12:30:00	0	92.502	17	1194.8
3/17/2016	12:45:00	0	92.542	17	1194.8
3/17/2016	13:00:00	0	92.545	17	1191.3
3/17/2016	13:15:00	0	92.544	17	1192.5
3/17/2016	13:30:00	0	92.525	17	1197.1
3/17/2016	13:45:00	0	92.522	17	1192.5
3/17/2016	14:00:00	0	92.525	17	1193.6
3/17/2016	14:15:00	0	92.527	17	1193.6
3/17/2016	14:30:00	0	92.531	17	1194.8
3/17/2016	14:45:00	0	92.515	17	1196
3/17/2016	15:00:00	0	92.512	17	1196
3/17/2016	15:15:00	0	92.494	17	1192.5
3/17/2016	15:30:00	0	92.553	17	1192.5
3/17/2016	15:45:00	0	92.532	17	1194.8
3/17/2016	16:00:00	0	92.532	17	1193.6
3/17/2016	16:15:00	0	92.513	17	1193.6
3/17/2016	16:30:00	0	92.551	17	1193.6
3/17/2016	16:45:00	0	92.528	17	1194.8
3/17/2016	17:00:00	0	92.52	17	1193.6
3/17/2016	17:15:00	0	92.52	17	1193.6
3/17/2016	17:30:00	0	92.516	17	1191.3
3/17/2016	17:45:00	0	92.51	17	1193.6
3/17/2016	18:00:00	0	92.505	17	1192.5
3/17/2016	18:15:00	0	92.523	17	1194.8
3/17/2016	18:30:00	0	92.499	17	1193.6
3/17/2016	18:45:00	0	92.517	17	1194.8
3/17/2016	19:00:00	0	92.51	17	1197.1
3/17/2016	19:15:00	0	92.483	17	1196

3/17/2016	19:30:00	0	92.503	17	1191.3
3/17/2016	19:45:00	0	92.515	17	1194.8
3/17/2016	20:00:00	0	92.493	17	1192.5
3/17/2016	20:15:00	0	92.51	17	1193.6
3/17/2016	20:30:00	0	92.505	17	1193.6
3/17/2016	20:45:00	0	92.504	17	1192.5
3/17/2016	21:00:00	0	92.482	17	1196
3/17/2016	21:15:00	0	92.483	17	1193.6
3/17/2016	21:30:00	0	92.498	17	1194.8
3/17/2016	21:45:00	0	92.533	17	1196
3/17/2016	22:00:00	0	92.516	17	1194.8
3/17/2016	22:15:00	0	92.5	17	1194.8
3/17/2016	22:30:00	0	92.478	17	1192.5
3/17/2016	22:45:00	0	92.499	17	1194.8
3/17/2016	23:00:00	0	92.557	17	1193.6
3/17/2016	23:15:00	0	92.52	17	1193.6
3/17/2016	23:30:00	0	92.503	17	1198.3
3/17/2016	23:45:00	0	92.519	17	1196
3/18/2016	0:00:00	0	92.503	17	1191.3
3/18/2016	0:15:00	0	92.482	17	1193.6
3/18/2016	0:30:00	0	92.523	17	1196
3/18/2016	0:45:00	0	92.508	17	1194.8
3/18/2016	1:00:00	0	92.488	17	1196
3/18/2016	1:15:00	0	92.487	17	1193.6
3/18/2016	1:30:00	0	92.491	17	1193.6
3/18/2016	1:45:00	0	92.492	17	1192.5
3/18/2016	2:00:00	0	92.534	17	1192.5
3/18/2016	2:15:00	0	92.575	17	1193.6
3/18/2016	2:30:00	0	92.507	17	1194.8
3/18/2016	2:45:00	0	92.507	17	1187.8
3/18/2016	3:00:00	0	92.514	17	1194.8
3/18/2016	3:15:00	0	92.549	17	1196
3/18/2016	3:30:00	0	92.546	17	1196
3/18/2016	3:45:00	0	92.509	17	1191.3
3/18/2016	4:00:00	0	92.511	17	1194.8
3/18/2016	4:15:00	0	92.556	17	1193.6
3/18/2016	4:30:00	0	92.535	17	1193.6
3/18/2016	4:45:00	0	92.526	17	1196
3/18/2016	5:00:00	0	92.536	17	1193.6
3/18/2016	5:15:00	0	92.512	17	1196
3/18/2016	5:30:00	0	92.533	17	1196
3/18/2016	5:45:00	0	92.507	17	1193.6
3/18/2016	6:00:00	0	92.549	17	1192.5
3/18/2016	6:15:00	0	92.548	17	1193.6
3/18/2016	6:30:00	0	92.564	17	1193.6
3/18/2016	6:45:00	0	92.532	17	1194.8
3/18/2016	7:00:00	0	92.549	17	1191.3

3/18/2016	7:15:00	0	92.502	17	1194.8
3/18/2016	7:30:00	0	92.502	17	1191.3
3/18/2016	7:45:00	0	92.497	17	1192.5
3/18/2016	8:00:00	0	92.511	17	1193.6
3/18/2016	8:15:00	0	92.564	17	1196
3/18/2016	8:30:00	0	92.539	17	1193.6
3/18/2016	8:45:00	0	92.517	17	1196
3/18/2016	9:00:00	0	92.51	17	1193.6
3/18/2016	9:15:00	0	92.548	17	1192.5
3/18/2016	9:30:00	0	92.505	17	1194.8
3/18/2016	9:45:00	0	92.5	17	1192.5
3/18/2016	10:00:00	0	92.498	17	1192.5
3/18/2016	10:15:00	0	92.475	17	1193.6
3/18/2016	10:30:00	0	92.512	17	1192.5
3/18/2016	10:45:00	0	92.549	17	1196
3/18/2016	11:00:00	0	92.527	17	1193.6
3/18/2016	11:15:00	0	92.49	17	1192.5
3/18/2016	11:30:00	0	92.468	17	1192.5
3/18/2016	11:45:00	0	92.509	17	1190.2
3/18/2016	12:00:00	0	92.45	17	1197.1
3/18/2016	12:15:00	0	92.494	17	1193.6
3/18/2016	12:30:00	0	92.479	17	1193.6
3/18/2016	12:45:00	0	92.467	17	1193.6
3/18/2016	13:00:00	0	92.495	17	1193.6
3/18/2016	13:15:00	0	92.44	17	1191.3
3/18/2016	13:30:00	0	92.506	17	1192.5
3/18/2016	13:45:00	0	92.457	17	1196
3/18/2016	14:00:00	0	92.459	17	1191.3
3/18/2016	14:15:00	0	92.46	17	1194.8
3/18/2016	14:30:00	0	92.458	17	1196
3/18/2016	14:45:00	0	92.461	17	1193.6
3/18/2016	15:00:00	0	92.444	17	1194.8
3/18/2016	15:15:00	0	92.444	17	1193.6
3/18/2016	15:30:00	0	92.52	17	1196
3/18/2016	15:45:00	0	92.483	17	1196
3/18/2016	16:00:00	0	92.443	17	1193.6
3/18/2016	16:15:00	0	92.442	17	1192.5
3/18/2016	16:30:00	0	92.441	17	1191.3
3/18/2016	16:45:00	0	92.481	17	1193.6
3/18/2016	17:00:00	0	92.457	17	1193.6
3/18/2016	17:15:00	0	92.473	17	1193.6
3/18/2016	17:30:00	0	92.413	17	1193.6
3/18/2016	17:45:00	0	92.412	17	1193.6
3/18/2016	18:00:00	0	92.431	17	1192.5
3/18/2016	18:15:00	0	92.427	17	1194.8
3/18/2016	18:30:00	0	92.404	17	1191.3
3/18/2016	18:45:00	0	92.422	17	1193.6

3/18/2016	19:00:00	0	92.419	17	1194.8
3/18/2016	19:15:00	0	92.455	17	1197.1
3/18/2016	19:30:00	0	92.432	17	1197.1
3/18/2016	19:45:00	0	92.43	17	1196
3/18/2016	20:00:00	0	92.405	17	1194.8
3/18/2016	20:15:00	0	92.422	17	1194.8
3/18/2016	20:30:00	0	92.422	17	1193.6
3/18/2016	20:45:00	0	92.424	17	1194.8
3/18/2016	21:00:00	0	92.425	17	1191.3
3/18/2016	21:15:00	0	92.422	17	1193.6
3/18/2016	21:30:00	0	92.381	17	1193.6
3/18/2016	21:45:00	0	92.403	17	1193.6
3/18/2016	22:00:00	0	92.381	17	1191.3
3/18/2016	22:15:00	0	92.405	17	1193.6
3/18/2016	22:30:00	0	92.382	17	1196
3/18/2016	22:45:00	0	92.422	17	1193.6
3/18/2016	23:00:00	0	92.386	17	1193.6
3/18/2016	23:15:00	0	92.404	17	1193.6
3/18/2016	23:30:00	0	92.422	17	1196
3/18/2016	23:45:00	0	92.405	17	1193.6
3/19/2016	0:00:00	0	92.423	17	1194.8
3/19/2016	0:15:00	0	92.4	17	1194.8
3/19/2016	0:30:00	0	92.399	17	1192.5
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3/22/2016	8:30:00	0	92.171	17	1196
3/22/2016	8:45:00	0	92.183	17	1193.6
3/22/2016	9:00:00	0	92.157	17	1194.8
3/22/2016	9:15:00	0	92.136	17	1193.6
3/22/2016	9:30:00	0	92.151	17	1196
3/22/2016	9:45:00	0	92.151	17	1194.8
3/22/2016	10:00:00	0	92.15	17	1196
3/22/2016	10:15:00	0	92.148	17	1193.6
3/22/2016	10:30:00	0	92.13	17	1196
3/22/2016	10:45:00	0	92.146	17	1194.8
3/22/2016	11:00:00	0	92.169	17	1193.6
3/22/2016	11:15:00	0	92.148	17	1196
3/22/2016	11:30:00	0	92.154	17	1193.6
3/22/2016	11:45:00	0	92.139	17	1193.6
3/22/2016	12:00:00	0	92.178	17	1196
3/22/2016	12:15:00	0	92.183	17	1194.8
3/22/2016	12:30:00	0	92.211	17	1192.5
3/22/2016	12:45:00	0	92.196	17	1194.8
3/22/2016	13:00:00	0	92.201	17	1196
3/22/2016	13:15:00	0	92.184	17	1196
3/22/2016	13:30:00	0	92.147	17	1196
3/22/2016	13:45:00	0	92.171	17	1193.6
3/22/2016	14:00:00	0	92.134	17	1194.8
3/22/2016	14:15:00	0	92.2	17	1192.5
3/22/2016	14:30:00	0	92.201	17	1198.3
3/22/2016	14:45:00	0	92.167	17	1193.6
3/22/2016	15:00:00	0	92.189	17	1196
3/22/2016	15:15:00	0	92.172	17	1196
3/22/2016	15:30:00	0	92.191	17	1196
3/22/2016	15:45:00	0	92.214	17	1197.1
3/22/2016	16:00:00	0	92.176	17	1197.1
3/22/2016	16:15:00	0	92.184	17	1193.6
3/22/2016	16:30:00	0	92.203	17	1196
3/22/2016	16:45:00	0	92.185	17	1196

3/22/2016	17:00:00	0	92.219	17	1193.6
3/22/2016	17:15:00	0	92.184	17	1196
3/22/2016	17:30:00	0	92.203	17	1192.5
3/22/2016	17:45:00	0	92.179	17	1194.8
3/22/2016	18:00:00	0	92.203	17	1196
3/22/2016	18:15:00	0	92.235	17	1196
3/22/2016	18:30:00	0	92.189	17	1196
3/22/2016	18:45:00	0	92.225	17	1194.8
3/22/2016	19:00:00	0	92.219	17	1193.6
3/22/2016	19:15:00	0	92.193	17	1192.5
3/22/2016	19:30:00	0	92.15	17	1193.6
3/22/2016	19:45:00	0	92.207	17	1192.5
3/22/2016	20:00:00	0	92.202	17	1194.8
3/22/2016	20:15:00	0	92.179	17	1194.8
3/22/2016	20:30:00	0	92.172	17	1197.1
3/22/2016	20:45:00	0	92.205	17	1193.6
3/22/2016	21:00:00	0	92.203	17	1197.1
3/22/2016	21:15:00	0	92.201	17	1193.6
3/22/2016	21:30:00	0	92.22	17	1194.8
3/22/2016	21:45:00	0	92.221	17	1193.6
3/22/2016	22:00:00	0	92.141	17	1196
3/22/2016	22:15:00	0	92.225	17	1193.6
3/22/2016	22:30:00	0	92.224	17	1193.6
3/22/2016	22:45:00	0	92.186	17	1196
3/22/2016	23:00:00	0	92.173	17	1194.8
3/22/2016	23:15:00	0	92.195	17	1192.5
3/22/2016	23:30:00	0	92.192	17	1197.1
3/22/2016	23:45:00	0	92.196	17	1193.6
3/23/2016	0:00:00	0	92.215	17	1196
3/23/2016	0:15:00	0	92.232	17	1196
3/23/2016	0:30:00	0	92.217	17	1197.1
3/23/2016	0:45:00	0	92.237	17	1196
3/23/2016	1:00:00	0	92.195	17	1191.3
3/23/2016	1:15:00	0	92.192	17	1192.5
3/23/2016	1:30:00	0	92.175	17	1193.6
3/23/2016	1:45:00	0	92.201	17	1194.8
3/23/2016	2:00:00	0	92.223	17	1196
3/23/2016	2:15:00	0	92.226	17	1192.5
3/23/2016	2:30:00	0	92.192	17	1192.5
3/23/2016	2:45:00	0	92.235	17	1192.5
3/23/2016	3:00:00	0	92.216	17	1196
3/23/2016	3:15:00	0	92.217	17	1192.5
3/23/2016	3:30:00	0	92.22	17	1196
3/23/2016	3:45:00	0	92.242	17	1196
3/23/2016	4:00:00	0	92.241	17	1194.8
3/23/2016	4:15:00	0	92.22	17	1194.8
3/23/2016	4:30:00	0	92.219	17	1198.3

3/23/2016	4:45:00	0	92.216	17	1196
3/23/2016	5:00:00	0	92.246	17	1193.6
3/23/2016	5:15:00	0	92.203	17	1194.8
3/23/2016	5:30:00	0	92.219	17	1196
3/23/2016	5:45:00	0	92.235	17	1196
3/23/2016	6:00:00	0	92.189	17	1196
3/23/2016	6:15:00	0	92.244	17	1193.6
3/23/2016	6:30:00	0	92.239	17	1196
3/23/2016	6:45:00	0	92.211	17	1196
3/23/2016	7:00:00	0	92.201	17	1191.3
3/23/2016	7:15:00	0	92.232	17	1194.8
3/23/2016	7:30:00	0	92.205	17	1196
3/23/2016	7:45:00	0	92.197	17	1196
3/23/2016	8:00:00	0	92.191	17	1194.8
3/23/2016	8:15:00	0	92.169	17	1193.6
3/23/2016	8:30:00	0	92.165	17	1193.6
3/23/2016	8:45:00	0	92.179	17	1196
3/23/2016	9:00:00	0	92.194	17	1194.8
3/23/2016	9:15:00	0	92.172	17	1193.6
3/23/2016	9:30:00	0	92.171	17	1196
3/23/2016	9:45:00	0	92.168	17	1193.6
3/23/2016	10:00:00	0	92.209	17	1194.8
3/23/2016	10:15:00	0	92.188	17	1197.1
3/23/2016	10:30:00	0	92.186	17	1194.8
3/23/2016	10:45:00	0	92.211	17	1193.6
3/23/2016	11:00:00	0	92.153	17	1193.6
3/23/2016	11:15:00	0	92.171	17	1194.8
3/23/2016	11:30:00	0	92.198	17	1191.3
3/23/2016	11:45:00	0	92.156	17	1191.3
3/23/2016	12:00:00	0	92.198	17	1193.6
3/23/2016	12:15:00	0	92.144	17	1196
3/23/2016	12:30:00	0	92.188	17	1197.1
3/23/2016	12:45:00	0	92.171	17	1193.6
3/23/2016	13:00:00	0	92.168	17	1193.6
3/23/2016	13:15:00	0	92.216	17	1193.6
3/23/2016	13:30:00	0	92.159	17	1194.8
3/23/2016	13:45:00	0	92.14	17	1193.6
3/23/2016	14:00:00	0	92.184	17	1194.8
3/23/2016	14:15:00	0	92.147	17	1196
3/23/2016	14:30:00	0	92.128	17	1196
3/23/2016	14:45:00	0	92.167	17	1193.6
3/23/2016	15:00:00	0	92.128	17	1193.6
3/23/2016	15:15:00	0	92.15	17	1198.3
3/23/2016	15:30:00	0	92.153	17	1197.1
3/23/2016	15:45:00	0	92.176	17	1193.6
3/23/2016	16:00:00	0	92.16	17	1193.6
3/23/2016	16:15:00	0	92.142	17	1194.8

3/23/2016	16:30:00	0	92.164	17	1194.8
3/23/2016	16:45:00	0	92.187	17	1194.8
3/23/2016	17:00:00	0	92.19	17	1194.8
3/23/2016	17:15:00	0	92.223	17	1192.5
3/23/2016	17:30:00	0	92.199	17	1194.8
3/23/2016	17:45:00	0	92.185	17	1193.6
3/23/2016	18:00:00	0	92.144	17	1196
3/23/2016	18:15:00	0	92.124	17	1194.8
3/23/2016	18:30:00	0	92.128	17	1196
3/23/2016	18:45:00	0	92.172	17	1192.5
3/23/2016	19:00:00	0	92.132	17	1196
3/23/2016	19:15:00	0	92.147	17	1196
3/23/2016	19:30:00	0	92.126	17	1194.8
3/23/2016	19:45:00	0	92.139	17	1193.6
3/23/2016	20:00:00	0	92.136	17	1197.1
3/23/2016	20:15:00	0	92.115	17	1194.8
3/23/2016	20:30:00	0	92.156	17	1194.8
3/23/2016	20:45:00	0	92.177	17	1194.8
3/23/2016	21:00:00	0	92.122	17	1193.6
3/23/2016	21:15:00	0	92.097	17	1197.1
3/23/2016	21:30:00	0	92.116	17	1193.6
3/23/2016	21:45:00	0	92.137	17	1191.3
3/23/2016	22:00:00	0	92.157	17	1193.6
3/23/2016	22:15:00	0	92.115	17	1193.6
3/23/2016	22:30:00	0	92.119	17	1193.6
3/23/2016	22:45:00	0	92.136	17	1198.3
3/23/2016	23:00:00	0	92.093	17	1198.3
3/23/2016	23:15:00	0	92.131	17	1193.6
3/23/2016	23:30:00	0	92.133	17	1193.6
3/23/2016	23:45:00	0	92.086	17	1194.8

\*Daylight Savings Time taken into account for Report 47 figures.



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:  $\mu$ S/cm

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
3/17/2016	0:00:00		0 26.365	16.4	1972.5
3/17/2016	0:15:00		0 26.385	16.4	1972.5
3/17/2016	0:30:00		0 26.403	16.4	1973.6
3/17/2016	0:45:00		0 26.364	16.4	1972.5
3/17/2016	1:00:00		0 26.409	16.4	1973.6
3/17/2016	1:15:00		0 26.395	16.4	1973.6
3/17/2016	1:30:00		0 26.397	16.4	1973.6
3/17/2016	1:45:00		0 26.403	16.4	1973.6
3/17/2016	2:00:00		0 26.405	16.4	1972.5
3/17/2016	2:15:00		0 26.411	16.4	1972.5
3/17/2016	2:30:00		0 26.418	16.4	1973.6
3/17/2016	2:45:00		0 26.402	16.4	1972.5
3/17/2016	3:00:00		0 26.405	16.4	1972.5
3/17/2016	3:15:00		0 26.389	16.4	1972.5
3/17/2016	3:30:00		0 26.453	16.4	1972.5
3/17/2016	3:45:00		0 26.393	16.4	1972.5
3/17/2016	4:00:00		0 26.397	16.4	1972.5
3/17/2016	4:15:00		0 26.439	16.4	1972.5
3/17/2016	4:30:00		0 26.379	16.4	1972.5
3/17/2016	4:45:00		0 26.401	16.4	1972.5
3/17/2016	5:00:00		0 26.403	16.4	1972.5
3/17/2016	5:15:00		0 26.383	16.4	1972.5
3/17/2016	5:30:00		0 26.381	16.4	1972.5
3/17/2016	5:45:00		0 26.381	16.4	1972.5
3/17/2016	6:00:00		0 26.36	16.4	1972.5
3/17/2016	6:15:00		0 26.42	16.4	1973.6
3/17/2016	6:30:00		0 26.341	16.4	1972.5
3/17/2016	6:45:00		0 26.359	16.4	1972.5
3/17/2016	7:00:00		0 26.354	16.4	1973.6
3/17/2016	7:15:00		0 26.391	16.4	1972.5
3/17/2016	7:30:00		0 26.408	16.4	1973.6

3/17/2016	7:45:00	0	26.386	16.4	1973.6
3/17/2016	8:00:00	0	26.368	16.4	1974.8
3/17/2016	8:15:00	0	26.404	16.4	1976
3/17/2016	8:30:00	0	26.36	16.4	1974.8
3/17/2016	8:45:00	0	26.363	16.4	1974.8
3/17/2016	9:00:00	0	26.362	16.4	1974.8
3/17/2016	9:15:00	0	26.383	16.4	1976
3/17/2016	9:30:00	0	26.381	16.4	1973.6
3/17/2016	9:45:00	0	26.363	16.4	1972.5
3/17/2016	10:00:00	0	26.388	16.4	1972.5
3/17/2016	10:15:00	0	26.373	16.4	1972.5
3/17/2016	10:30:00	0	26.357	16.4	1973.6
3/17/2016	10:45:00	0	26.379	16.4	1973.6
3/17/2016	11:00:00	0	26.382	16.4	1972.5
3/17/2016	11:15:00	0	26.381	16.4	1972.5
3/17/2016	11:30:00	0	26.402	16.4	1972.5
3/17/2016	11:45:00	0	26.366	16.4	1972.5
3/17/2016	12:00:00	0	26.35	16.4	1972.5
3/17/2016	12:15:00	0	26.393	16.4	1970.1
3/17/2016	12:30:00	0	26.38	16.4	1970.1
3/17/2016	12:45:00	0	26.42	16.4	1970.1
3/17/2016	13:00:00	0	26.423	16.4	1972.5
3/17/2016	13:15:00	0	26.422	16.4	1972.5
3/17/2016	13:30:00	0	26.364	16.4	1972.5
3/17/2016	13:45:00	0	26.38	16.4	1972.5
3/17/2016	14:00:00	0	26.383	16.4	1970.1
3/17/2016	14:15:00	0	26.385	16.4	1972.5
3/17/2016	14:30:00	0	26.448	16.4	1970.1
3/17/2016	14:45:00	0	26.433	16.4	1970.1
3/17/2016	15:00:00	0	26.371	16.4	1972.5
3/17/2016	15:15:00	0	26.411	16.4	1972.5
3/17/2016	15:30:00	0	26.352	16.4	1972.5
3/17/2016	15:45:00	0	26.351	16.4	1972.5
3/17/2016	16:00:00	0	26.39	16.4	1972.5
3/17/2016	16:15:00	0	26.391	16.4	1972.5
3/17/2016	16:30:00	0	26.37	16.4	1972.5
3/17/2016	16:45:00	0	26.386	16.4	1972.5
3/17/2016	17:00:00	0	26.398	16.4	1973.6
3/17/2016	17:15:00	0	26.378	16.4	1973.6
3/17/2016	17:30:00	0	26.374	16.4	1972.5
3/17/2016	17:45:00	0	26.368	16.4	1972.5
3/17/2016	18:00:00	0	26.363	16.4	1972.5
3/17/2016	18:15:00	0	26.322	16.4	1972.5
3/17/2016	18:30:00	0	26.318	16.4	1972.5
3/17/2016	18:45:00	0	26.316	16.4	1972.5
3/17/2016	19:00:00	0	26.348	16.4	1972.5
3/17/2016	19:15:00	0	26.381	16.4	1972.5

3/17/2016	19:30:00	0	26.381	16.4	1972.5
3/17/2016	19:45:00	0	26.393	16.4	1973.6
3/17/2016	20:00:00	0	26.371	16.4	1973.6
3/17/2016	20:15:00	0	26.29	16.4	1972.5
3/17/2016	20:30:00	0	26.364	16.4	1972.5
3/17/2016	20:45:00	0	26.343	16.4	1972.5
3/17/2016	21:00:00	0	26.34	16.4	1972.5
3/17/2016	21:15:00	0	26.361	16.4	1972.5
3/17/2016	21:30:00	0	26.337	16.4	1972.5
3/17/2016	21:45:00	0	26.332	16.4	1972.5
3/17/2016	22:00:00	0	26.374	16.4	1972.5
3/17/2016	22:15:00	0	26.359	16.4	1972.5
3/17/2016	22:30:00	0	26.395	16.4	1972.5
3/17/2016	22:45:00	0	26.338	16.4	1972.5
3/17/2016	23:00:00	0	26.337	16.4	1972.5
3/17/2016	23:15:00	0	26.339	16.4	1972.5
3/17/2016	23:30:00	0	26.362	16.4	1972.5
3/17/2016	23:45:00	0	26.377	16.4	1972.5
3/18/2016	0:00:00	0	26.421	16.4	1972.5
3/18/2016	0:15:00	0	26.379	16.4	1972.5
3/18/2016	0:30:00	0	26.381	16.4	1972.5
3/18/2016	0:45:00	0	26.406	16.4	1972.5
3/18/2016	1:00:00	0	26.385	16.4	1970.1
3/18/2016	1:15:00	0	26.365	16.4	1970.1
3/18/2016	1:30:00	0	26.388	16.4	1972.5
3/18/2016	1:45:00	0	26.409	16.4	1973.6
3/18/2016	2:00:00	0	26.353	16.4	1972.5
3/18/2016	2:15:00	0	26.414	16.4	1972.5
3/18/2016	2:30:00	0	26.385	16.4	1972.5
3/18/2016	2:45:00	0	26.444	16.4	1973.6
3/18/2016	3:00:00	0	26.372	16.4	1973.6
3/18/2016	3:15:00	0	26.348	16.4	1973.6
3/18/2016	3:30:00	0	26.404	16.4	1973.6
3/18/2016	3:45:00	0	26.406	16.4	1973.6
3/18/2016	4:00:00	0	26.408	16.4	1972.5
3/18/2016	4:15:00	0	26.375	16.4	1972.5
3/18/2016	4:30:00	0	26.374	16.4	1972.5
3/18/2016	4:45:00	0	26.384	16.4	1972.5
3/18/2016	5:00:00	0	26.355	16.4	1972.5
3/18/2016	5:15:00	0	26.351	16.4	1972.5
3/18/2016	5:30:00	0	26.332	16.4	1972.5
3/18/2016	5:45:00	0	26.326	16.4	1972.5
3/18/2016	6:00:00	0	26.368	16.4	1973.6
3/18/2016	6:15:00	0	26.367	16.4	1973.6
3/18/2016	6:30:00	0	26.324	16.4	1972.5
3/18/2016	6:45:00	0	26.371	16.4	1972.5
3/18/2016	7:00:00	0	26.407	16.4	1972.5

3/18/2016	7:15:00	0	26.34	16.4	1973.6
3/18/2016	7:30:00	0	26.38	16.4	1973.6
3/18/2016	7:45:00	0	26.355	16.4	1972.5
3/18/2016	8:00:00	0	26.33	16.4	1972.5
3/18/2016	8:15:00	0	26.324	16.4	1973.6
3/18/2016	8:30:00	0	26.338	16.4	1973.6
3/18/2016	8:45:00	0	26.336	16.4	1973.6
3/18/2016	9:00:00	0	26.368	16.4	1973.6
3/18/2016	9:15:00	0	26.348	16.4	1973.6
3/18/2016	9:30:00	0	26.324	16.4	1973.6
3/18/2016	9:45:00	0	26.339	16.4	1972.5
3/18/2016	10:00:00	0	26.337	16.4	1972.5
3/18/2016	10:15:00	0	26.373	16.4	1972.5
3/18/2016	10:30:00	0	26.37	16.4	1973.6
3/18/2016	10:45:00	0	26.388	16.4	1973.6
3/18/2016	11:00:00	0	26.366	16.4	1972.5
3/18/2016	11:15:00	0	26.329	16.4	1972.5
3/18/2016	11:30:00	0	26.346	16.4	1972.5
3/18/2016	11:45:00	0	26.347	16.4	1972.5
3/18/2016	12:00:00	0	26.367	16.4	1972.5
3/18/2016	12:15:00	0	26.372	16.4	1972.5
3/18/2016	12:30:00	0	26.397	16.4	1972.5
3/18/2016	12:45:00	0	26.384	16.4	1972.5
3/18/2016	13:00:00	0	26.373	16.4	1972.5
3/18/2016	13:15:00	0	26.417	16.4	1972.5
3/18/2016	13:30:00	0	26.424	16.4	1972.5
3/18/2016	13:45:00	0	26.414	16.4	1973.6
3/18/2016	14:00:00	0	26.396	16.4	1972.5
3/18/2016	14:15:00	0	26.437	16.4	1972.5
3/18/2016	14:30:00	0	26.415	16.4	1972.5
3/18/2016	14:45:00	0	26.398	16.4	1972.5
3/18/2016	15:00:00	0	26.361	16.4	1972.5
3/18/2016	15:15:00	0	26.381	16.4	1973.6
3/18/2016	15:30:00	0	26.359	16.4	1972.5
3/18/2016	15:45:00	0	26.381	16.4	1972.5
3/18/2016	16:00:00	0	26.38	16.4	1972.5
3/18/2016	16:15:00	0	26.379	16.4	1973.6
3/18/2016	16:30:00	0	26.378	16.4	1973.6
3/18/2016	16:45:00	0	26.3	16.4	1972.5
3/18/2016	17:00:00	0	26.394	16.4	1973.6
3/18/2016	17:15:00	0	26.371	16.4	1973.6
3/18/2016	17:30:00	0	26.389	16.4	1973.6
3/18/2016	17:45:00	0	26.388	16.4	1972.5
3/18/2016	18:00:00	0	26.387	16.4	1972.5
3/18/2016	18:15:00	0	26.423	16.4	1972.5
3/18/2016	18:30:00	0	26.38	16.4	1973.6
3/18/2016	18:45:00	0	26.398	16.4	1973.6

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3/18/2016	19:15:00	0	26.353	16.4	1972.5
3/18/2016	19:30:00	0	26.33	16.4	1972.5
3/18/2016	19:45:00	0	26.367	16.4	1972.5
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3/18/2016	20:15:00	0	26.359	16.4	1972.5
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3/18/2016	20:45:00	0	26.381	16.4	1972.5
3/18/2016	21:00:00	0	26.382	16.4	1972.5
3/18/2016	21:15:00	0	26.359	16.4	1972.5
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3/18/2016	21:45:00	0	26.34	16.4	1972.5
3/18/2016	22:00:00	0	26.358	16.4	1972.5
3/18/2016	22:15:00	0	26.361	16.4	1972.5
3/18/2016	22:30:00	0	26.398	16.4	1973.6
3/18/2016	22:45:00	0	26.399	16.4	1972.5
3/18/2016	23:00:00	0	26.382	16.4	1972.5
3/18/2016	23:15:00	0	26.419	16.4	1973.6
3/18/2016	23:30:00	0	26.359	16.4	1972.5
3/18/2016	23:45:00	0	26.361	16.4	1973.6
3/19/2016	0:00:00	0	26.38	16.4	1973.6
3/19/2016	0:15:00	0	26.356	16.4	1973.6
3/19/2016	0:30:00	0	26.395	16.4	1973.6
3/19/2016	0:45:00	0	26.353	16.4	1974.8
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3/19/2016	1:15:00	0	26.409	16.4	1973.6
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3/19/2016	2:15:00	0	26.375	16.4	1973.6
3/19/2016	2:30:00	0	26.375	16.4	1973.6
3/19/2016	2:45:00	0	26.397	16.4	1973.6
3/19/2016	3:00:00	0	26.381	16.4	1973.6
3/19/2016	3:15:00	0	26.361	16.4	1973.6
3/19/2016	3:30:00	0	26.419	16.4	1973.6
3/19/2016	3:45:00	0	26.395	16.4	1973.6
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3/19/2016	4:15:00	0	26.373	16.4	1973.6
3/19/2016	4:30:00	0	26.374	16.4	1973.6
3/19/2016	4:45:00	0	26.377	16.4	1972.5
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3/19/2016	5:15:00	0	26.326	16.4	1973.6
3/19/2016	5:30:00	0	26.382	16.4	1973.6
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3/19/2016	6:00:00	0	26.415	16.4	1973.6
3/19/2016	6:15:00	0	26.376	16.4	1973.6
3/19/2016	6:30:00	0	26.391	16.4	1973.6

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3/19/2016	7:00:00	0	26.381	16.4	1972.5
3/19/2016	7:15:00	0	26.36	16.4	1973.6
3/19/2016	7:30:00	0	26.376	16.4	1973.6
3/19/2016	7:45:00	0	26.371	16.4	1973.6
3/19/2016	8:00:00	0	26.388	16.4	1973.6
3/19/2016	8:15:00	0	26.365	16.4	1973.6
3/19/2016	8:30:00	0	26.305	16.4	1973.6
3/19/2016	8:45:00	0	26.349	16.4	1973.6
3/19/2016	9:00:00	0	26.369	16.4	1973.6
3/19/2016	9:15:00	0	26.364	16.4	1973.6
3/19/2016	9:30:00	0	26.359	16.4	1973.6
3/19/2016	9:45:00	0	26.36	16.4	1973.6
3/19/2016	10:00:00	0	26.355	16.4	1973.6
3/19/2016	10:15:00	0	26.377	16.4	1973.6
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3/19/2016	11:30:00	0	26.416	16.4	1973.6
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3/19/2016	12:00:00	0	26.393	16.4	1973.6
3/19/2016	12:15:00	0	26.372	16.4	1972.5
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3/19/2016	12:45:00	0	26.355	16.4	1973.6
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3/19/2016	13:15:00	0	26.416	16.4	1973.6
3/19/2016	13:30:00	0	26.395	16.4	1973.6
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3/19/2016	14:15:00	0	26.375	16.4	1973.6
3/19/2016	14:30:00	0	26.418	16.4	1973.6
3/19/2016	14:45:00	0	26.383	16.4	1973.6
3/19/2016	15:00:00	0	26.381	16.4	1973.6
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3/19/2016	15:30:00	0	26.405	16.4	1973.6
3/19/2016	15:45:00	0	26.387	16.4	1973.6
3/19/2016	16:00:00	0	26.391	16.4	1973.6
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3/19/2016	18:00:00	0	26.397	16.4	1973.6
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3/19/2016	20:45:00	0	26.383	16.4	1974.8
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3/19/2016	21:15:00	0	26.362	16.4	1974.8
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3/19/2016	22:00:00	0	26.358	16.4	1974.8
3/19/2016	22:15:00	0	26.355	16.4	1974.8
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3/20/2016	10:30:00	0	26.376	16.4	1973.6
3/20/2016	10:45:00	0	26.417	16.4	1972.5
3/20/2016	11:00:00	0	26.359	16.4	1973.6
3/20/2016	11:15:00	0	26.396	16.4	1973.6
3/20/2016	11:30:00	0	26.37	16.4	1973.6
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3/20/2016	12:30:00	0	26.378	16.4	1972.5
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3/20/2016	13:15:00	0	26.406	16.4	1972.5
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3/20/2016	15:30:00	0	26.412	16.4	1972.5
3/20/2016	15:45:00	0	26.429	16.4	1972.5
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3/20/2016	16:15:00	0	26.363	16.4	1973.6
3/20/2016	16:30:00	0	26.389	16.4	1972.5
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3/20/2016	17:00:00	0	26.432	16.4	1972.5
3/20/2016	17:15:00	0	26.415	16.4	1972.5
3/20/2016	17:30:00	0	26.41	16.4	1972.5
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3/20/2016	18:45:00	0	26.374	16.4	1972.5
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3/20/2016	20:15:00	0	26.415	16.4	1972.5
3/20/2016	20:30:00	0	26.416	16.4	1972.5
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3/20/2016	21:30:00	0	26.43	16.4	1972.5
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3/20/2016	23:00:00	0	26.398	16.4	1972.5
3/20/2016	23:15:00	0	26.38	16.4	1972.5
3/20/2016	23:30:00	0	26.322	16.4	1972.5
3/20/2016	23:45:00	0	26.421	16.4	1972.5
3/21/2016	0:00:00	0	26.341	16.4	1972.5
3/21/2016	0:15:00	0	26.397	16.4	1972.5
3/21/2016	0:30:00	0	26.353	16.4	1972.5
3/21/2016	0:45:00	0	26.39	16.4	1973.6
3/21/2016	1:00:00	0	26.349	16.4	1973.6
3/21/2016	1:15:00	0	26.429	16.4	1972.5
3/21/2016	1:30:00	0	26.409	16.4	1972.5
3/21/2016	1:45:00	0	26.371	16.4	1972.5
3/21/2016	2:00:00	0	26.393	16.4	1972.5
3/21/2016	2:15:00	0	26.41	16.4	1972.5
3/21/2016	2:30:00	0	26.371	16.4	1972.5
3/21/2016	2:45:00	0	26.333	16.4	1973.6
3/21/2016	3:00:00	0	26.432	16.4	1972.5
3/21/2016	3:15:00	0	26.377	16.4	1973.6
3/21/2016	3:30:00	0	26.391	16.4	1973.6
3/21/2016	3:45:00	0	26.426	16.4	1972.5
3/21/2016	4:00:00	0	26.389	16.4	1972.5
3/21/2016	4:15:00	0	26.39	16.4	1972.5
3/21/2016	4:30:00	0	26.372	16.4	1972.5
3/21/2016	4:45:00	0	26.39	16.4	1972.5
3/21/2016	5:00:00	0	26.388	16.4	1972.5
3/21/2016	5:15:00	0	26.419	16.4	1972.5
3/21/2016	5:30:00	0	26.359	16.4	1972.5

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3/21/2016	6:15:00	0	26.384	16.4	1972.5
3/21/2016	6:30:00	0	26.364	16.4	1972.5
3/21/2016	6:45:00	0	26.416	16.4	1972.5
3/21/2016	7:00:00	0	26.418	16.4	1972.5
3/21/2016	7:15:00	0	26.396	16.4	1972.5
3/21/2016	7:30:00	0	26.415	16.4	1970.1
3/21/2016	7:45:00	0	26.363	16.4	1972.5
3/21/2016	8:00:00	0	26.359	16.4	1972.5
3/21/2016	8:15:00	0	26.334	16.4	1972.5
3/21/2016	8:30:00	0	26.393	16.4	1972.5
3/21/2016	8:45:00	0	26.427	16.4	1972.5
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3/21/2016	9:15:00	0	26.359	16.4	1972.5
3/21/2016	9:30:00	0	26.378	16.4	1972.5
3/21/2016	9:45:00	0	26.397	16.4	1972.5
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3/21/2016	10:15:00	0	26.353	16.4	1972.5
3/21/2016	10:30:00	0	26.413	16.4	1972.5
3/21/2016	10:45:00	0	26.38	16.4	1972.5
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3/21/2016	11:15:00	0	26.366	16.4	1972.5
3/21/2016	11:30:00	0	26.351	16.4	1972.5
3/21/2016	11:45:00	0	26.38	16.4	1972.5
3/21/2016	12:00:00	0	26.387	16.4	1972.5
3/21/2016	12:15:00	0	26.41	16.4	1972.5
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3/21/2016	13:00:00	0	26.368	16.4	1972.5
3/21/2016	13:15:00	0	26.436	16.4	1972.5
3/21/2016	13:30:00	0	26.422	16.4	1970.1
3/21/2016	13:45:00	0	26.467	16.4	1970.1
3/21/2016	14:00:00	0	26.412	16.4	1970.1
3/21/2016	14:15:00	0	26.43	16.4	1972.5
3/21/2016	14:30:00	0	26.431	16.4	1972.5
3/21/2016	14:45:00	0	26.411	16.4	1972.5
3/21/2016	15:00:00	0	26.416	16.4	1972.5
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3/21/2016	16:00:00	0	26.402	16.4	1970.1
3/21/2016	16:15:00	0	26.382	16.4	1972.5
3/21/2016	16:30:00	0	26.385	16.4	1972.5
3/21/2016	16:45:00	0	26.39	16.4	1972.5
3/21/2016	17:00:00	0	26.45	16.4	1972.5
3/21/2016	17:15:00	0	26.389	16.4	1972.5

3/21/2016	17:30:00	0	26.387	16.4	1970.1
3/21/2016	17:45:00	0	26.426	16.4	1970.1
3/21/2016	18:00:00	0	26.429	16.4	1970.1
3/21/2016	18:15:00	0	26.391	16.4	1972.5
3/21/2016	18:30:00	0	26.391	16.4	1972.5
3/21/2016	18:45:00	0	26.389	16.4	1972.5
3/21/2016	19:00:00	0	26.428	16.4	1972.5
3/21/2016	19:15:00	0	26.403	16.4	1972.5
3/21/2016	19:30:00	0	26.397	16.4	1972.5
3/21/2016	19:45:00	0	26.405	16.4	1972.5
3/21/2016	20:00:00	0	26.36	16.4	1972.5
3/21/2016	20:15:00	0	26.393	16.4	1972.5
3/21/2016	20:30:00	0	26.412	16.4	1972.5
3/21/2016	20:45:00	0	26.369	16.4	1972.5
3/21/2016	21:00:00	0	26.378	16.4	1972.5
3/21/2016	21:15:00	0	26.336	16.4	1970.1
3/21/2016	21:30:00	0	26.41	16.4	1970.1
3/21/2016	21:45:00	0	26.352	16.4	1972.5
3/21/2016	22:00:00	0	26.347	16.4	1972.5
3/21/2016	22:15:00	0	26.382	16.4	1970.1
3/21/2016	22:30:00	0	26.379	16.4	1972.5
3/21/2016	22:45:00	0	26.339	16.4	1970.1
3/21/2016	23:00:00	0	26.338	16.4	1972.5
3/21/2016	23:15:00	0	26.418	16.4	1972.5
3/21/2016	23:30:00	0	26.357	16.4	1972.5
3/21/2016	23:45:00	0	26.415	16.4	1972.5
3/22/2016	0:00:00	0	26.378	16.4	1972.5
3/22/2016	0:15:00	0	26.374	16.4	1972.5
3/22/2016	0:30:00	0	26.375	16.4	1972.5
3/22/2016	0:45:00	0	26.391	16.4	1972.5
3/22/2016	1:00:00	0	26.39	16.4	1972.5
3/22/2016	1:15:00	0	26.392	16.4	1972.5
3/22/2016	1:30:00	0	26.37	16.4	1973.6
3/22/2016	1:45:00	0	26.423	16.4	1972.5
3/22/2016	2:00:00	0	26.386	16.4	1972.5
3/22/2016	2:15:00	0	26.41	16.4	1972.5
3/22/2016	2:30:00	0	26.413	16.4	1972.5
3/22/2016	2:45:00	0	26.413	16.4	1972.5
3/22/2016	3:00:00	0	26.453	16.4	1972.5
3/22/2016	3:15:00	0	26.435	16.4	1972.5
3/22/2016	3:30:00	0	26.395	16.4	1972.5
3/22/2016	3:45:00	0	26.392	16.4	1970.1
3/22/2016	4:00:00	0	26.389	16.4	1972.5
3/22/2016	4:15:00	0	26.389	16.4	1972.5
3/22/2016	4:30:00	0	26.439	16.4	1972.5
3/22/2016	4:45:00	0	26.417	16.4	1972.5
3/22/2016	5:00:00	0	26.409	16.4	1972.5

3/22/2016	5:15:00	0	26.411	16.4	1970.1
3/22/2016	5:30:00	0	26.387	16.4	1972.5
3/22/2016	5:45:00	0	26.381	16.4	1972.5
3/22/2016	6:00:00	0	26.378	16.4	1972.5
3/22/2016	6:15:00	0	26.395	16.4	1972.5
3/22/2016	6:30:00	0	26.387	16.4	1972.5
3/22/2016	6:45:00	0	26.382	16.4	1972.5
3/22/2016	7:00:00	0	26.397	16.4	1972.5
3/22/2016	7:15:00	0	26.345	16.4	1972.5
3/22/2016	7:30:00	0	26.375	16.4	1972.5
3/22/2016	7:45:00	0	26.348	16.4	1972.5
3/22/2016	8:00:00	0	26.32	16.4	1972.5
3/22/2016	8:15:00	0	26.411	16.4	1972.5
3/22/2016	8:30:00	0	26.325	16.4	1972.5
3/22/2016	8:45:00	0	26.356	16.4	1972.5
3/22/2016	9:00:00	0	26.37	16.4	1973.6
3/22/2016	9:15:00	0	26.348	16.4	1972.5
3/22/2016	9:30:00	0	26.384	16.4	1972.5
3/22/2016	9:45:00	0	26.403	16.4	1972.5
3/22/2016	10:00:00	0	26.363	16.4	1972.5
3/22/2016	10:15:00	0	26.361	16.4	1972.5
3/22/2016	10:30:00	0	26.362	16.4	1972.5
3/22/2016	10:45:00	0	26.359	16.4	1972.5
3/22/2016	11:00:00	0	26.382	16.4	1972.5
3/22/2016	11:15:00	0	26.361	16.4	1972.5
3/22/2016	11:30:00	0	26.387	16.4	1972.5
3/22/2016	11:45:00	0	26.371	16.4	1972.5
3/22/2016	12:00:00	0	26.371	16.4	1972.5
3/22/2016	12:15:00	0	26.415	16.4	1972.5
3/22/2016	12:30:00	0	26.384	16.4	1972.5
3/22/2016	12:45:00	0	26.409	16.4	1972.5
3/22/2016	13:00:00	0	26.414	16.4	1972.5
3/22/2016	13:15:00	0	26.436	16.4	1972.5
3/22/2016	13:30:00	0	26.478	16.4	1973.6
3/22/2016	13:45:00	0	26.403	16.4	1972.5
3/22/2016	14:00:00	0	26.406	16.4	1973.6
3/22/2016	14:15:00	0	26.433	16.4	1973.6
3/22/2016	14:30:00	0	26.375	16.4	1972.5
3/22/2016	14:45:00	0	26.439	16.4	1972.5
3/22/2016	15:00:00	0	26.46	16.4	1972.5
3/22/2016	15:15:00	0	26.424	16.4	1972.5
3/22/2016	15:30:00	0	26.423	16.4	1973.6
3/22/2016	15:45:00	0	26.407	16.4	1972.5
3/22/2016	16:00:00	0	26.408	16.4	1972.5
3/22/2016	16:15:00	0	26.436	16.4	1972.5
3/22/2016	16:30:00	0	26.435	16.4	1972.5
3/22/2016	16:45:00	0	26.398	16.4	1972.5

3/22/2016	17:00:00	0	26.412	16.4	1973.6
3/22/2016	17:15:00	0	26.416	16.4	1972.5
3/22/2016	17:30:00	0	26.415	16.4	1972.5
3/22/2016	17:45:00	0	26.392	16.4	1973.6
3/22/2016	18:00:00	0	26.455	16.4	1972.5
3/22/2016	18:15:00	0	26.408	16.4	1973.6
3/22/2016	18:30:00	0	26.441	16.4	1973.6
3/22/2016	18:45:00	0	26.418	16.4	1973.6
3/22/2016	19:00:00	0	26.432	16.4	1972.5
3/22/2016	19:15:00	0	26.407	16.4	1973.6
3/22/2016	19:30:00	0	26.363	16.4	1972.5
3/22/2016	19:45:00	0	26.4	16.4	1973.6
3/22/2016	20:00:00	0	26.395	16.4	1972.5
3/22/2016	20:15:00	0	26.372	16.4	1973.6
3/22/2016	20:30:00	0	26.365	16.4	1972.5
3/22/2016	20:45:00	0	26.398	16.4	1972.5
3/22/2016	21:00:00	0	26.376	16.4	1972.5
3/22/2016	21:15:00	0	26.374	16.4	1972.5
3/22/2016	21:30:00	0	26.394	16.4	1973.6
3/22/2016	21:45:00	0	26.375	16.4	1973.6
3/22/2016	22:00:00	0	26.373	16.4	1972.5
3/22/2016	22:15:00	0	26.418	16.4	1972.5
3/22/2016	22:30:00	0	26.398	16.4	1973.6
3/22/2016	22:45:00	0	26.359	16.4	1970.1
3/22/2016	23:00:00	0	26.406	16.4	1972.5
3/22/2016	23:15:00	0	26.388	16.4	1972.5
3/22/2016	23:30:00	0	26.385	16.4	1973.6
3/22/2016	23:45:00	0	26.409	16.4	1972.5
3/23/2016	0:00:00	0	26.427	16.4	1973.6
3/23/2016	0:15:00	0	26.406	16.4	1973.6
3/23/2016	0:30:00	0	26.39	16.4	1973.6
3/23/2016	0:45:00	0	26.411	16.4	1973.6
3/23/2016	1:00:00	0	26.447	16.4	1973.6
3/23/2016	1:15:00	0	26.424	16.4	1973.6
3/23/2016	1:30:00	0	26.388	16.4	1973.6
3/23/2016	1:45:00	0	26.433	16.4	1972.5
3/23/2016	2:00:00	0	26.396	16.4	1973.6
3/23/2016	2:15:00	0	26.419	16.4	1973.6
3/23/2016	2:30:00	0	26.444	16.4	1972.5
3/23/2016	2:45:00	0	26.428	16.4	1972.5
3/23/2016	3:00:00	0	26.43	16.4	1973.6
3/23/2016	3:15:00	0	26.41	16.4	1970.1
3/23/2016	3:30:00	0	26.433	16.4	1972.5
3/23/2016	3:45:00	0	26.416	16.4	1972.5
3/23/2016	4:00:00	0	26.434	16.4	1973.6
3/23/2016	4:15:00	0	26.354	16.4	1972.5
3/23/2016	4:30:00	0	26.433	16.4	1973.6

3/23/2016	4:45:00	0	26.43	16.4	1973.6
3/23/2016	5:00:00	0	26.38	16.4	1972.5
3/23/2016	5:15:00	0	26.396	16.4	1973.6
3/23/2016	5:30:00	0	26.412	16.4	1972.5
3/23/2016	5:45:00	0	26.389	16.4	1972.5
3/23/2016	6:00:00	0	26.402	16.4	1972.5
3/23/2016	6:15:00	0	26.417	16.4	1973.6
3/23/2016	6:30:00	0	26.393	16.4	1972.5
3/23/2016	6:45:00	0	26.385	16.4	1973.6
3/23/2016	7:00:00	0	26.375	16.4	1973.6
3/23/2016	7:15:00	0	26.385	16.4	1973.6
3/23/2016	7:30:00	0	26.339	16.4	1972.5
3/23/2016	7:45:00	0	26.37	16.4	1972.5
3/23/2016	8:00:00	0	26.404	16.4	1972.5
3/23/2016	8:15:00	0	26.382	16.4	1972.5
3/23/2016	8:30:00	0	26.339	16.4	1972.5
3/23/2016	8:45:00	0	26.372	16.4	1972.5
3/23/2016	9:00:00	0	26.407	16.4	1973.6
3/23/2016	9:15:00	0	26.385	16.4	1973.6
3/23/2016	9:30:00	0	26.364	16.4	1972.5
3/23/2016	9:45:00	0	26.381	16.4	1973.6
3/23/2016	10:00:00	0	26.403	16.4	1973.6
3/23/2016	10:15:00	0	26.381	16.4	1973.6
3/23/2016	10:30:00	0	26.379	16.4	1972.5
3/23/2016	10:45:00	0	26.385	16.4	1972.5
3/23/2016	11:00:00	0	26.406	16.4	1973.6
3/23/2016	11:15:00	0	26.384	16.4	1973.6
3/23/2016	11:30:00	0	26.411	16.4	1973.6
3/23/2016	11:45:00	0	26.428	16.4	1973.6
3/23/2016	12:00:00	0	26.391	16.4	1973.6
3/23/2016	12:15:00	0	26.376	16.4	1972.5
3/23/2016	12:30:00	0	26.421	16.4	1973.6
3/23/2016	12:45:00	0	26.404	16.4	1973.6
3/23/2016	13:00:00	0	26.401	16.4	1972.5
3/23/2016	13:15:00	0	26.409	16.4	1972.5
3/23/2016	13:30:00	0	26.431	16.4	1973.6
3/23/2016	13:45:00	0	26.432	16.4	1972.5
3/23/2016	14:00:00	0	26.358	16.4	1973.6
3/23/2016	14:15:00	0	26.379	16.4	1973.6
3/23/2016	14:30:00	0	26.38	16.4	1973.6
3/23/2016	14:45:00	0	26.379	16.4	1970.1
3/23/2016	15:00:00	0	26.4	16.4	1972.5
3/23/2016	15:15:00	0	26.422	16.4	1973.6
3/23/2016	15:30:00	0	26.405	16.4	1973.6
3/23/2016	15:45:00	0	26.428	16.4	1973.6
3/23/2016	16:00:00	0	26.432	16.4	1972.5
3/23/2016	16:15:00	0	26.454	16.4	1973.6

3/23/2016	16:30:00	0	26.416	16.4	1973.6
3/23/2016	16:45:00	0	26.399	16.4	1973.6
3/23/2016	17:00:00	0	26.402	16.4	1973.6
3/23/2016	17:15:00	0	26.416	16.4	1973.6
3/23/2016	17:30:00	0	26.432	16.4	1973.6
3/23/2016	17:45:00	0	26.437	16.4	1973.6
3/23/2016	18:00:00	0	26.475	16.4	1973.6
3/23/2016	18:15:00	0	26.455	16.4	1972.5
3/23/2016	18:30:00	0	26.419	16.4	1972.5
3/23/2016	18:45:00	0	26.424	16.4	1972.5
3/23/2016	19:00:00	0	26.423	16.4	1972.5
3/23/2016	19:15:00	0	26.399	16.4	1973.6
3/23/2016	19:30:00	0	26.417	16.4	1972.5
3/23/2016	19:45:00	0	26.391	16.4	1972.5
3/23/2016	20:00:00	0	26.349	16.4	1973.6
3/23/2016	20:15:00	0	26.406	16.4	1972.5
3/23/2016	20:30:00	0	26.428	16.4	1973.6
3/23/2016	20:45:00	0	26.389	16.4	1973.6
3/23/2016	21:00:00	0	26.413	16.4	1972.5
3/23/2016	21:15:00	0	26.408	16.4	1972.5
3/23/2016	21:30:00	0	26.407	16.4	1972.5
3/23/2016	21:45:00	0	26.389	16.4	1972.5
3/23/2016	22:00:00	0	26.449	16.4	1973.6
3/23/2016	22:15:00	0	26.386	16.4	1973.6
3/23/2016	22:30:00	0	26.41	16.4	1972.5
3/23/2016	22:45:00	0	26.428	16.4	1973.6
3/23/2016	23:00:00	0	26.384	16.4	1972.5
3/23/2016	23:15:00	0	26.443	16.4	1972.5
3/23/2016	23:30:00	0	26.405	16.4	1972.5
3/23/2016	23:45:00	0	26.397	16.4	1973.6

\*Daylight Savings Time taken into account for Report 47 figures.

Serial\_number:

1071327

Project ID:

MPWSP TSW Long Term Pumping

Location:

MPWSP MW-6D

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 0.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT:  $\mu\text{S}/\text{cm}$

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
3/17/2016	0:00:00	0	158.865	16.7	2475.4
3/17/2016	0:15:00	0	158.846	16.7	2474.3
3/17/2016	0:30:00	0	158.863	16.7	2474.3
3/17/2016	0:45:00	0	158.864	16.7	2475.4
3/17/2016	1:00:00	0	158.85	16.7	2474.3
3/17/2016	1:15:00	0	158.816	16.7	2475.4
3/17/2016	1:30:00	0	158.799	16.7	2475.4
3/17/2016	1:45:00	0	158.824	16.7	2477.8
3/17/2016	2:00:00	0	158.826	16.7	2477.8
3/17/2016	2:15:00	0	158.832	16.7	2477.8
3/17/2016	2:30:00	0	158.82	16.7	2477.8
3/17/2016	2:45:00	0	158.804	16.7	2477.8
3/17/2016	3:00:00	0	158.827	16.7	2477.8
3/17/2016	3:15:00	0	158.81	16.7	2477.8
3/17/2016	3:30:00	0	158.815	16.7	2477.8
3/17/2016	3:45:00	0	158.794	16.7	2477.8
3/17/2016	4:00:00	0	158.878	16.7	2477.8
3/17/2016	4:15:00	0	158.86	16.7	2477.8
3/17/2016	4:30:00	0	158.899	16.7	2477.8
3/17/2016	4:45:00	0	158.92	16.7	2477.8
3/17/2016	5:00:00	0	158.922	16.7	2477.8
3/17/2016	5:15:00	0	158.923	16.7	2477.8
3/17/2016	5:30:00	0	158.92	16.7	2475.4
3/17/2016	5:45:00	0	158.96	16.7	2477.8
3/17/2016	6:00:00	0	158.939	16.7	2477.8
3/17/2016	6:15:00	0	158.98	16.7	2477.8
3/17/2016	6:30:00	0	158.959	16.7	2477.8
3/17/2016	6:45:00	0	158.978	16.7	2475.4
3/17/2016	7:00:00	0	158.973	16.7	2477.8
3/17/2016	7:15:00	0	158.97	16.7	2475.4
3/17/2016	7:30:00	0	159.007	16.7	2475.4



3/17/2016	7:45:00	0	158.945	16.7	2477.8
3/17/2016	8:00:00	0	159.006	16.7	2477.8
3/17/2016	8:15:00	0	158.964	16.7	2475.4
3/17/2016	8:30:00	0	158.978	16.7	2475.4
3/17/2016	8:45:00	0	158.981	16.7	2475.4
3/17/2016	9:00:00	0	158.98	16.7	2475.4
3/17/2016	9:15:00	0	158.981	16.7	2475.4
3/17/2016	9:30:00	0	158.999	16.7	2475.4
3/17/2016	9:45:00	0	158.981	16.7	2477.8
3/17/2016	10:00:00	0	158.986	16.7	2477.8
3/17/2016	10:15:00	0	158.972	16.7	2475.4
3/17/2016	10:30:00	0	158.976	16.7	2477.8
3/17/2016	10:45:00	0	158.978	16.7	2475.4
3/17/2016	11:00:00	0	158.981	16.7	2475.4
3/17/2016	11:15:00	0	158.999	16.7	2475.4
3/17/2016	11:30:00	0	159	16.7	2475.4
3/17/2016	11:45:00	0	159.004	16.7	2475.4
3/17/2016	12:00:00	0	159.007	16.7	2475.4
3/17/2016	12:15:00	0	158.992	16.7	2477.8
3/17/2016	12:30:00	0	158.979	16.7	2475.4
3/17/2016	12:45:00	0	158.939	16.7	2477.8
3/17/2016	13:00:00	0	158.982	16.7	2477.8
3/17/2016	13:15:00	0	158.961	16.7	2477.8
3/17/2016	13:30:00	0	158.923	16.7	2478.9
3/17/2016	13:45:00	0	158.92	16.7	2478.9
3/17/2016	14:00:00	0	158.923	16.7	2477.8
3/17/2016	14:15:00	0	158.905	16.7	2485.9
3/17/2016	14:30:00	0	158.87	16.7	2485.9
3/17/2016	14:45:00	0	158.874	16.7	2485.9
3/17/2016	15:00:00	0	158.871	16.7	2485.9
3/17/2016	15:15:00	0	158.911	16.7	2485.9
3/17/2016	15:30:00	0	158.832	16.7	2484.7
3/17/2016	15:45:00	0	158.851	16.7	2484.7
3/17/2016	16:00:00	0	158.831	16.7	2484.7
3/17/2016	16:15:00	0	158.852	16.7	2484.7
3/17/2016	16:30:00	0	158.85	16.7	2484.7
3/17/2016	16:45:00	0	158.827	16.7	2482.4
3/17/2016	17:00:00	0	158.839	16.7	2482.4
3/17/2016	17:15:00	0	158.819	16.7	2482.4
3/17/2016	17:30:00	0	158.855	16.7	2482.4
3/17/2016	17:45:00	0	158.849	16.7	2482.4
3/17/2016	18:00:00	0	158.844	16.7	2482.4
3/17/2016	18:15:00	0	158.861	16.7	2482.4
3/17/2016	18:30:00	0	158.857	16.7	2482.4
3/17/2016	18:45:00	0	158.836	16.7	2482.4
3/17/2016	19:00:00	0	158.848	16.7	2482.4
3/17/2016	19:15:00	0	158.861	16.7	2481.2

3/17/2016	19:30:00	0	158.9	16.7	2480.1
3/17/2016	19:45:00	0	158.854	16.7	2480.1
3/17/2016	20:00:00	0	158.851	16.7	2480.1
3/17/2016	20:15:00	0	158.849	16.7	2478.9
3/17/2016	20:30:00	0	158.844	16.7	2478.9
3/17/2016	20:45:00	0	158.902	16.7	2478.9
3/17/2016	21:00:00	0	158.939	16.7	2477.8
3/17/2016	21:15:00	0	158.9	16.7	2477.8
3/17/2016	21:30:00	0	158.857	16.7	2475.4
3/17/2016	21:45:00	0	158.911	16.7	2475.4
3/17/2016	22:00:00	0	158.934	16.7	2475.4
3/17/2016	22:15:00	0	158.878	16.7	2475.4
3/17/2016	22:30:00	0	158.935	16.7	2475.4
3/17/2016	22:45:00	0	158.897	16.7	2474.3
3/17/2016	23:00:00	0	158.876	16.7	2475.4
3/17/2016	23:15:00	0	158.878	16.7	2474.3
3/17/2016	23:30:00	0	158.862	16.7	2474.3
3/17/2016	23:45:00	0	158.838	16.7	2473.1
3/18/2016	0:00:00	0	158.862	16.7	2474.3
3/18/2016	0:15:00	0	158.82	16.7	2473.1
3/18/2016	0:30:00	0	158.822	16.7	2474.3
3/18/2016	0:45:00	0	158.809	16.7	2473.1
3/18/2016	1:00:00	0	158.787	16.7	2473.1
3/18/2016	1:15:00	0	158.806	16.7	2473.1
3/18/2016	1:30:00	0	158.77	16.7	2473.1
3/18/2016	1:45:00	0	158.791	16.7	2475.4
3/18/2016	2:00:00	0	158.774	16.7	2474.3
3/18/2016	2:15:00	0	158.776	16.7	2475.4
3/18/2016	2:30:00	0	158.806	16.7	2474.3
3/18/2016	2:45:00	0	158.786	16.7	2474.3
3/18/2016	3:00:00	0	158.774	16.7	2474.3
3/18/2016	3:15:00	0	158.809	16.7	2474.3
3/18/2016	3:30:00	0	158.826	16.7	2475.4
3/18/2016	3:45:00	0	158.808	16.7	2474.3
3/18/2016	4:00:00	0	158.83	16.7	2475.4
3/18/2016	4:15:00	0	158.835	16.7	2475.4
3/18/2016	4:30:00	0	158.874	16.7	2474.3
3/18/2016	4:45:00	0	158.865	16.7	2475.4
3/18/2016	5:00:00	0	158.894	16.7	2475.4
3/18/2016	5:15:00	0	158.851	16.7	2474.3
3/18/2016	5:30:00	0	158.871	16.7	2475.4
3/18/2016	5:45:00	0	158.865	16.7	2474.3
3/18/2016	6:00:00	0	158.868	16.7	2474.3
3/18/2016	6:15:00	0	158.887	16.7	2473.1
3/18/2016	6:30:00	0	158.903	16.7	2474.3
3/18/2016	6:45:00	0	158.911	16.7	2473.1
3/18/2016	7:00:00	0	158.927	16.7	2474.3

3/18/2016	7:15:00	0	158.919	16.7	2473.1
3/18/2016	7:30:00	0	158.939	16.7	2473.1
3/18/2016	7:45:00	0	158.913	16.7	2473.1
3/18/2016	8:00:00	0	158.87	16.7	2474.3
3/18/2016	8:15:00	0	158.824	16.7	2474.3
3/18/2016	8:30:00	0	158.838	16.7	2473.1
3/18/2016	8:45:00	0	158.777	16.7	2473.1
3/18/2016	9:00:00	0	158.79	16.7	2471.9
3/18/2016	9:15:00	0	158.73	16.7	2473.1
3/18/2016	9:30:00	0	158.726	16.7	2473.1
3/18/2016	9:45:00	0	158.701	16.7	2473.1
3/18/2016	10:00:00	0	158.62	16.7	2473.1
3/18/2016	10:15:00	0	158.617	16.7	2473.1
3/18/2016	10:30:00	0	158.555	16.7	2473.1
3/18/2016	10:45:00	0	158.514	16.7	2474.3
3/18/2016	11:00:00	0	158.532	16.7	2474.3
3/18/2016	11:15:00	0	158.474	16.7	2474.3
3/18/2016	11:30:00	0	158.453	16.7	2474.3
3/18/2016	11:45:00	0	158.434	16.7	2474.3
3/18/2016	12:00:00	0	158.395	16.7	2474.3
3/18/2016	12:15:00	0	158.4	16.7	2474.3
3/18/2016	12:30:00	0	158.405	16.7	2475.4
3/18/2016	12:45:00	0	158.353	16.7	2475.4
3/18/2016	13:00:00	0	158.342	16.7	2475.4
3/18/2016	13:15:00	0	158.346	16.7	2474.3
3/18/2016	13:30:00	0	158.314	16.7	2475.4
3/18/2016	13:45:00	0	158.284	16.7	2475.4
3/18/2016	14:00:00	0	158.267	16.7	2475.4
3/18/2016	14:15:00	0	158.248	16.7	2475.4
3/18/2016	14:30:00	0	158.187	16.7	2477.8
3/18/2016	14:45:00	0	158.19	16.7	2475.4
3/18/2016	15:00:00	0	158.133	16.7	2475.4
3/18/2016	15:15:00	0	158.152	16.7	2475.4
3/18/2016	15:30:00	0	158.111	16.7	2475.4
3/18/2016	15:45:00	0	158.113	16.7	2475.4
3/18/2016	16:00:00	0	158.092	16.7	2474.3
3/18/2016	16:15:00	0	158.111	16.7	2475.4
3/18/2016	16:30:00	0	158.149	16.7	2475.4
3/18/2016	16:45:00	0	158.15	16.7	2475.4
3/18/2016	17:00:00	0	158.166	16.7	2475.4
3/18/2016	17:15:00	0	158.202	16.7	2475.4
3/18/2016	17:30:00	0	158.24	16.7	2475.4
3/18/2016	17:45:00	0	158.239	16.7	2475.4
3/18/2016	18:00:00	0	158.238	16.7	2475.4
3/18/2016	18:15:00	0	158.254	16.7	2475.4
3/18/2016	18:30:00	0	158.231	16.7	2475.4
3/18/2016	18:45:00	0	158.288	16.7	2475.4

3/18/2016	19:00:00	0	158.305	16.7	2477.8
3/18/2016	19:15:00	0	158.282	16.7	2477.8
3/18/2016	19:30:00	0	158.28	16.7	2477.8
3/18/2016	19:45:00	0	158.316	16.7	2475.4
3/18/2016	20:00:00	0	158.291	16.7	2475.4
3/18/2016	20:15:00	0	158.308	16.7	2475.4
3/18/2016	20:30:00	0	158.289	16.7	2475.4
3/18/2016	20:45:00	0	158.33	16.7	2475.4
3/18/2016	21:00:00	0	158.37	16.7	2477.8
3/18/2016	21:15:00	0	158.367	16.7	2478.9
3/18/2016	21:30:00	0	158.365	16.7	2478.9
3/18/2016	21:45:00	0	158.387	16.7	2478.9
3/18/2016	22:00:00	0	158.365	16.7	2478.9
3/18/2016	22:15:00	0	158.369	16.7	2478.9
3/18/2016	22:30:00	0	158.386	16.7	2478.9
3/18/2016	22:45:00	0	158.407	16.7	2478.9
3/18/2016	23:00:00	0	158.429	16.7	2478.9
3/18/2016	23:15:00	0	158.388	16.7	2478.9
3/18/2016	23:30:00	0	158.407	16.7	2478.9
3/18/2016	23:45:00	0	158.389	16.7	2477.8
3/19/2016	0:00:00	0	158.388	16.7	2477.8
3/19/2016	0:15:00	0	158.384	16.7	2477.8
3/19/2016	0:30:00	0	158.403	16.7	2475.4
3/19/2016	0:45:00	0	158.401	16.7	2475.4
3/19/2016	1:00:00	0	158.358	16.7	2475.4
3/19/2016	1:15:00	0	158.358	16.7	2475.4
3/19/2016	1:30:00	0	158.358	16.7	2474.3
3/19/2016	1:45:00	0	158.36	16.7	2475.4
3/19/2016	2:00:00	0	158.363	16.7	2474.3
3/19/2016	2:15:00	0	158.363	16.7	2474.3
3/19/2016	2:30:00	0	158.383	16.7	2474.3
3/19/2016	2:45:00	0	158.326	16.7	2473.1
3/19/2016	3:00:00	0	158.33	16.7	2473.1
3/19/2016	3:15:00	0	158.389	16.7	2474.3
3/19/2016	3:30:00	0	158.408	16.7	2473.1
3/19/2016	3:45:00	0	158.442	16.7	2473.1
3/19/2016	4:00:00	0	158.464	16.7	2473.1
3/19/2016	4:15:00	0	158.46	16.7	2473.1
3/19/2016	4:30:00	0	158.54	16.7	2473.1
3/19/2016	4:45:00	0	158.523	16.7	2473.1
3/19/2016	5:00:00	0	158.516	16.7	2473.1
3/19/2016	5:15:00	0	158.531	16.7	2473.1
3/19/2016	5:30:00	0	158.567	16.7	2473.1
3/19/2016	5:45:00	0	158.543	16.7	2473.1
3/19/2016	6:00:00	0	158.561	16.7	2473.1
3/19/2016	6:15:00	0	158.6	16.7	2473.1
3/19/2016	6:30:00	0	158.577	16.7	2473.1

3/19/2016	6:45:00	0	158.567	16.7	2473.1
3/19/2016	7:00:00	0	158.626	16.7	2473.1
3/19/2016	7:15:00	0	158.604	16.7	2473.1
3/19/2016	7:30:00	0	158.601	16.7	2473.1
3/19/2016	7:45:00	0	158.576	16.7	2473.1
3/19/2016	8:00:00	0	158.593	16.7	2473.1
3/19/2016	8:15:00	0	158.57	16.7	2473.1
3/19/2016	8:30:00	0	158.55	16.7	2473.1
3/19/2016	8:45:00	0	158.495	16.7	2473.1
3/19/2016	9:00:00	0	158.496	16.7	2474.3
3/19/2016	9:15:00	0	158.451	16.7	2474.3
3/19/2016	9:30:00	0	158.407	16.7	2473.1
3/19/2016	9:45:00	0	158.408	16.7	2473.1
3/19/2016	10:00:00	0	158.324	16.7	2473.1
3/19/2016	10:15:00	0	158.287	16.7	2471.9
3/19/2016	10:30:00	0	158.234	16.7	2471.9
3/19/2016	10:45:00	0	158.216	16.7	2471.9
3/19/2016	11:00:00	0	158.161	16.7	2471.9
3/19/2016	11:15:00	0	158.187	16.7	2471.9
3/19/2016	11:30:00	0	158.089	16.7	2471.9
3/19/2016	11:45:00	0	158.067	16.7	2471.9
3/19/2016	12:00:00	0	158.027	16.7	2471.9
3/19/2016	12:15:00	0	157.947	16.7	2471.9
3/19/2016	12:30:00	0	157.829	16.7	2473.1
3/19/2016	12:45:00	0	157.733	16.7	2473.1
3/19/2016	13:00:00	0	157.692	16.7	2471.9
3/19/2016	13:15:00	0	157.695	16.7	2473.1
3/19/2016	13:30:00	0	157.734	16.7	2473.1
3/19/2016	13:45:00	0	157.737	16.7	2474.3
3/19/2016	14:00:00	0	157.748	16.7	2474.3
3/19/2016	14:15:00	0	157.753	16.7	2474.3
3/19/2016	14:30:00	0	157.757	16.7	2474.3
3/19/2016	14:45:00	0	157.781	16.7	2475.4
3/19/2016	15:00:00	0	157.719	16.7	2475.4
3/19/2016	15:15:00	0	157.78	16.7	2477.8
3/19/2016	15:30:00	0	157.803	16.7	2475.4
3/19/2016	15:45:00	0	157.765	16.7	2475.4
3/19/2016	16:00:00	0	157.789	16.7	2475.4
3/19/2016	16:15:00	0	157.746	16.7	2477.8
3/19/2016	16:30:00	0	157.789	16.7	2475.4
3/19/2016	16:45:00	0	157.772	16.7	2475.4
3/19/2016	17:00:00	0	157.795	16.7	2475.4
3/19/2016	17:15:00	0	157.794	16.7	2475.4
3/19/2016	17:30:00	0	157.809	16.7	2474.3
3/19/2016	17:45:00	0	157.77	16.7	2474.3
3/19/2016	18:00:00	0	157.814	16.7	2475.4
3/19/2016	18:15:00	0	157.798	16.7	2474.3

3/19/2016	18:30:00	0	157.778	16.7	2474.3
3/19/2016	18:45:00	0	157.755	16.7	2474.3
3/19/2016	19:00:00	0	157.77	16.7	2474.3
3/19/2016	19:15:00	0	157.746	16.7	2474.3
3/19/2016	19:30:00	0	157.743	16.7	2474.3
3/19/2016	19:45:00	0	157.717	16.7	2473.1
3/19/2016	20:00:00	0	157.712	16.7	2471.9
3/19/2016	20:15:00	0	157.728	16.7	2473.1
3/19/2016	20:30:00	0	157.726	16.7	2471.9
3/19/2016	20:45:00	0	157.742	16.7	2473.1
3/19/2016	21:00:00	0	157.74	16.7	2471.9
3/19/2016	21:15:00	0	157.7	16.7	2473.1
3/19/2016	21:30:00	0	157.756	16.7	2473.1
3/19/2016	21:45:00	0	157.704	16.7	2474.3
3/19/2016	22:00:00	0	157.736	16.7	2474.3
3/19/2016	22:15:00	0	157.674	16.7	2475.4
3/19/2016	22:30:00	0	157.728	16.7	2475.4
3/19/2016	22:45:00	0	157.689	16.7	2477.8
3/19/2016	23:00:00	0	157.688	16.7	2478.9
3/19/2016	23:15:00	0	157.689	16.7	2477.8
3/19/2016	23:30:00	0	157.711	16.7	2478.9
3/19/2016	23:45:00	0	157.727	16.7	2480.1
3/20/2016	0:00:00	0	157.729	16.7	2478.9
3/20/2016	0:15:00	0	157.71	16.7	2480.1
3/20/2016	0:30:00	0	157.728	16.7	2481.2
3/20/2016	0:45:00	0	157.685	16.7	2481.2
3/20/2016	1:00:00	0	157.72	16.7	2481.2
3/20/2016	1:15:00	0	157.728	16.7	2481.2
3/20/2016	1:30:00	0	157.727	16.7	2481.2
3/20/2016	1:45:00	0	157.703	16.7	2482.4
3/20/2016	2:00:00	0	157.725	16.7	2481.2
3/20/2016	2:15:00	0	157.73	16.7	2480.1
3/20/2016	2:30:00	0	157.696	16.7	2480.1
3/20/2016	2:45:00	0	157.759	16.7	2480.1
3/20/2016	3:00:00	0	157.733	16.7	2480.1
3/20/2016	3:15:00	0	157.755	16.7	2480.1
3/20/2016	3:30:00	0	157.755	16.7	2480.1
3/20/2016	3:45:00	0	157.816	16.7	2480.1
3/20/2016	4:00:00	0	157.819	16.7	2478.9
3/20/2016	4:15:00	0	157.814	16.7	2478.9
3/20/2016	4:30:00	0	157.873	16.7	2478.9
3/20/2016	4:45:00	0	157.874	16.7	2477.8
3/20/2016	5:00:00	0	157.934	16.7	2478.9
3/20/2016	5:15:00	0	157.934	16.7	2477.8
3/20/2016	5:30:00	0	157.935	16.7	2474.3
3/20/2016	5:45:00	0	157.949	16.7	2474.3
3/20/2016	6:00:00	0	157.969	16.7	2475.4

3/20/2016	6:15:00	0	158.028	16.7	2474.3
3/20/2016	6:30:00	0	157.967	16.7	2473.1
3/20/2016	6:45:00	0	157.85	16.7	2473.1
3/20/2016	7:00:00	0	157.788	16.7	2473.1
3/20/2016	7:15:00	0	157.722	16.7	2473.1
3/20/2016	7:30:00	0	157.625	16.7	2473.1
3/20/2016	7:45:00	0	157.526	16.7	2473.1
3/20/2016	8:00:00	0	157.502	16.7	2471.9
3/20/2016	8:15:00	0	157.402	16.7	2471.9
3/20/2016	8:30:00	0	157.36	16.7	2471.9
3/20/2016	8:45:00	0	157.279	16.7	2470.8
3/20/2016	9:00:00	0	157.252	16.7	2470.8
3/20/2016	9:15:00	0	157.233	16.7	2470.8
3/20/2016	9:30:00	0	157.133	16.7	2470.8
3/20/2016	9:45:00	0	157.115	16.7	2470.8
3/20/2016	10:00:00	0	157.064	16.7	2471.9
3/20/2016	10:15:00	0	157.028	16.7	2470.8
3/20/2016	10:30:00	0	157.006	16.7	2470.8
3/20/2016	10:45:00	0	157.086	16.7	2471.9
3/20/2016	11:00:00	0	157.147	16.7	2470.8
3/20/2016	11:15:00	0	157.164	16.7	2470.8
3/20/2016	11:30:00	0	157.197	16.7	2470.8
3/20/2016	11:45:00	0	157.235	16.7	2470.8
3/20/2016	12:00:00	0	157.278	16.7	2470.8
3/20/2016	12:15:00	0	157.297	16.7	2470.8
3/20/2016	12:30:00	0	157.362	16.7	2470.8
3/20/2016	12:45:00	0	157.388	16.7	2470.8
3/20/2016	13:00:00	0	157.439	16.7	2470.8
3/20/2016	13:15:00	0	157.469	16.7	2470.8
3/20/2016	13:30:00	0	157.546	16.7	2470.8
3/20/2016	13:45:00	0	157.585	16.7	2471.9
3/20/2016	14:00:00	0	157.571	16.7	2471.9
3/20/2016	14:15:00	0	157.595	16.7	2471.9
3/20/2016	14:30:00	0	157.621	16.7	2470.8
3/20/2016	14:45:00	0	157.623	16.7	2470.8
3/20/2016	15:00:00	0	157.682	16.7	2470.8
3/20/2016	15:15:00	0	157.696	16.7	2470.8
3/20/2016	15:30:00	0	157.711	16.7	2470.8
3/20/2016	15:45:00	0	157.767	16.7	2470.8
3/20/2016	16:00:00	0	157.758	16.7	2468.4
3/20/2016	16:15:00	0	157.801	16.7	2468.4
3/20/2016	16:30:00	0	157.787	16.7	2468.4
3/20/2016	16:45:00	0	157.826	16.7	2468.4
3/20/2016	17:00:00	0	157.869	16.7	2467.3
3/20/2016	17:15:00	0	157.872	16.7	2467.3
3/20/2016	17:30:00	0	157.867	16.7	2467.3
3/20/2016	17:45:00	0	157.881	16.7	2467.3

3/20/2016	18:00:00	0	157.894	16.7	2467.3
3/20/2016	18:15:00	0	157.93	16.7	2467.3
3/20/2016	18:30:00	0	157.933	16.7	2467.3
3/20/2016	18:45:00	0	157.949	16.7	2467.3
3/20/2016	19:00:00	0	157.945	16.7	2467.3
3/20/2016	19:15:00	0	157.978	16.7	2466.1
3/20/2016	19:30:00	0	157.96	16.7	2466.1
3/20/2016	19:45:00	0	158	16.7	2466.1
3/20/2016	20:00:00	0	158	16.7	2466.1
3/20/2016	20:15:00	0	158.009	16.7	2466.1
3/20/2016	20:30:00	0	158.01	16.7	2464.9
3/20/2016	20:45:00	0	158.029	16.7	2464.9
3/20/2016	21:00:00	0	158.033	16.7	2464.9
3/20/2016	21:15:00	0	158.032	16.7	2463.8
3/20/2016	21:30:00	0	158.044	16.7	2463.8
3/20/2016	21:45:00	0	158.061	16.7	2463.8
3/20/2016	22:00:00	0	158.054	16.7	2463.8
3/20/2016	22:15:00	0	158.094	16.7	2463.8
3/20/2016	22:30:00	0	158.034	16.7	2463.8
3/20/2016	22:45:00	0	158.075	16.7	2463.8
3/20/2016	23:00:00	0	158.071	16.7	2463.8
3/20/2016	23:15:00	0	158.033	16.7	2464.9
3/20/2016	23:30:00	0	158.074	16.7	2464.9
3/20/2016	23:45:00	0	158.035	16.7	2463.8
3/21/2016	0:00:00	0	158.015	16.7	2463.8
3/21/2016	0:15:00	0	158.05	16.7	2463.8
3/21/2016	0:30:00	0	158.007	16.7	2463.8
3/21/2016	0:45:00	0	158.023	16.7	2463.8
3/21/2016	1:00:00	0	158.042	16.7	2461.4
3/21/2016	1:15:00	0	158.004	16.7	2461.4
3/21/2016	1:30:00	0	158.004	16.7	2461.4
3/21/2016	1:45:00	0	158.024	16.7	2461.4
3/21/2016	2:00:00	0	158.086	16.7	2461.4
3/21/2016	2:15:00	0	158.024	16.7	2461.4
3/21/2016	2:30:00	0	158.024	16.7	2460.3
3/21/2016	2:45:00	0	158.026	16.7	2461.4
3/21/2016	3:00:00	0	158.046	16.7	2461.4
3/21/2016	3:15:00	0	158.07	16.7	2461.4
3/21/2016	3:30:00	0	158.084	16.7	2460.3
3/21/2016	3:45:00	0	158.099	16.7	2460.3
3/21/2016	4:00:00	0	158.121	16.7	2460.3
3/21/2016	4:15:00	0	158.161	16.7	2459.1
3/21/2016	4:30:00	0	158.163	16.7	2459.1
3/21/2016	4:45:00	0	158.161	16.7	2459.1
3/21/2016	5:00:00	0	158.218	16.7	2459.1
3/21/2016	5:15:00	0	158.21	16.7	2457.9
3/21/2016	5:30:00	0	158.19	16.7	2457.9



3/21/2016	5:45:00	0	158.255	16.7	2457.9
3/21/2016	6:00:00	0	158.273	16.7	2457.9
3/21/2016	6:15:00	0	158.293	16.7	2457.9
3/21/2016	6:30:00	0	158.254	16.7	2455.6
3/21/2016	6:45:00	0	158.207	16.7	2455.6
3/21/2016	7:00:00	0	158.131	16.7	2455.6
3/21/2016	7:15:00	0	158.03	16.7	2455.6
3/21/2016	7:30:00	0	157.95	16.7	2455.6
3/21/2016	7:45:00	0	157.898	16.7	2454.4
3/21/2016	8:00:00	0	157.796	16.7	2454.4
3/21/2016	8:15:00	0	157.732	16.7	2455.6
3/21/2016	8:30:00	0	157.751	16.7	2454.4
3/21/2016	8:45:00	0	157.786	16.7	2454.4
3/21/2016	9:00:00	0	157.818	16.7	2454.4
3/21/2016	9:15:00	0	157.836	16.7	2454.4
3/21/2016	9:30:00	0	157.835	16.7	2454.4
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3/21/2016	10:00:00	0	157.871	16.7	2454.4
3/21/2016	10:15:00	0	157.869	16.7	2454.4
3/21/2016	10:30:00	0	157.831	16.7	2455.6
3/21/2016	10:45:00	0	157.856	16.7	2454.4
3/21/2016	11:00:00	0	157.856	16.7	2455.6
3/21/2016	11:15:00	0	157.862	16.7	2455.6
3/21/2016	11:30:00	0	157.847	16.7	2455.6
3/21/2016	11:45:00	0	157.817	16.7	2454.4
3/21/2016	12:00:00	0	157.805	16.7	2455.6
3/21/2016	12:15:00	0	157.827	16.7	2454.4
3/21/2016	12:30:00	0	157.771	16.7	2454.4
3/21/2016	12:45:00	0	157.798	16.7	2454.4
3/21/2016	13:00:00	0	157.805	16.7	2457.9
3/21/2016	13:15:00	0	157.775	16.7	2457.9
3/21/2016	13:30:00	0	157.781	16.7	2455.6
3/21/2016	13:45:00	0	157.786	16.7	2457.9
3/21/2016	14:00:00	0	157.79	16.7	2457.9
3/21/2016	14:15:00	0	157.749	16.7	2457.9
3/21/2016	14:30:00	0	157.77	16.7	2457.9
3/21/2016	14:45:00	0	157.749	16.7	2459.1
3/21/2016	15:00:00	0	157.675	16.7	2459.1
3/21/2016	15:15:00	0	157.714	16.7	2459.1
3/21/2016	15:30:00	0	157.696	16.7	2457.9
3/21/2016	15:45:00	0	157.694	16.7	2457.9
3/21/2016	16:00:00	0	157.701	16.7	2455.6
3/21/2016	16:15:00	0	157.681	16.7	2455.6
3/21/2016	16:30:00	0	157.724	16.7	2457.9
3/21/2016	16:45:00	0	157.689	16.7	2454.4
3/21/2016	17:00:00	0	157.651	16.7	2455.6
3/21/2016	17:15:00	0	157.668	16.7	2455.6

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3/21/2016	17:45:00	0	157.666	16.7	2453.3
3/21/2016	18:00:00	0	157.689	16.7	2454.4
3/21/2016	18:15:00	0	157.631	16.7	2453.3
3/21/2016	18:30:00	0	157.69	16.7	2453.3
3/21/2016	18:45:00	0	157.668	16.7	2453.3
3/21/2016	19:00:00	0	157.649	16.7	2453.3
3/21/2016	19:15:00	0	157.643	16.7	2453.3
3/21/2016	19:30:00	0	157.676	16.7	2452.1
3/21/2016	19:45:00	0	157.665	16.7	2452.1
3/21/2016	20:00:00	0	157.699	16.7	2452.1
3/21/2016	20:15:00	0	157.712	16.7	2452.1
3/21/2016	20:30:00	0	157.692	16.7	2452.1
3/21/2016	20:45:00	0	157.727	16.7	2453.3
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3/21/2016	22:15:00	0	157.701	16.7	2453.3
3/21/2016	22:30:00	0	157.659	16.7	2453.3
3/21/2016	22:45:00	0	157.638	16.7	2453.3
3/21/2016	23:00:00	0	157.597	16.7	2454.4
3/21/2016	23:15:00	0	157.54	16.7	2453.3
3/21/2016	23:30:00	0	157.578	16.7	2453.3
3/21/2016	23:45:00	0	157.577	16.7	2454.4
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3/22/2016	0:15:00	0	157.535	16.7	2454.4
3/22/2016	0:30:00	0	157.556	16.7	2454.4
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3/22/2016	1:00:00	0	157.492	16.7	2454.4
3/22/2016	1:15:00	0	157.494	16.7	2455.6
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3/22/2016	2:30:00	0	157.516	16.7	2457.9
3/22/2016	2:45:00	0	157.516	16.7	2457.9
3/22/2016	3:00:00	0	157.516	16.7	2457.9
3/22/2016	3:15:00	0	157.498	16.7	2457.9
3/22/2016	3:30:00	0	157.536	16.7	2457.9
3/22/2016	3:45:00	0	157.553	16.7	2459.1
3/22/2016	4:00:00	0	157.57	16.7	2459.1
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3/22/2016	5:45:00	0	157.779	16.7	2457.9
3/22/2016	6:00:00	0	157.815	16.7	2457.9
3/22/2016	6:15:00	0	157.832	16.7	2457.9
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3/22/2016	6:45:00	0	157.878	16.7	2457.9
3/22/2016	7:00:00	0	157.932	16.7	2457.9
3/22/2016	7:15:00	0	157.9	16.7	2459.1
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3/22/2016	8:15:00	0	157.946	16.7	2459.1
3/22/2016	8:30:00	0	157.959	16.7	2457.9
3/22/2016	8:45:00	0	157.931	16.7	2455.6
3/22/2016	9:00:00	0	157.965	16.7	2453.3
3/22/2016	9:15:00	0	157.943	16.7	2452.1
3/22/2016	9:30:00	0	157.959	16.7	2452.1
3/22/2016	9:45:00	0	157.959	16.7	2452.1
3/22/2016	10:00:00	0	157.958	16.7	2450.9
3/22/2016	10:15:00	0	157.975	16.7	2452.1
3/22/2016	10:30:00	0	157.996	16.7	2452.1
3/22/2016	10:45:00	0	157.973	16.7	2452.1
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3/22/2016	11:15:00	0	157.995	16.7	2450.9
3/22/2016	11:30:00	0	158.001	16.7	2452.1
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3/22/2016	12:15:00	0	157.971	16.7	2450.9
3/22/2016	12:30:00	0	157.998	16.7	2450.9
3/22/2016	12:45:00	0	158.023	16.7	2448.6
3/22/2016	13:00:00	0	158.067	16.7	2448.6
3/22/2016	13:15:00	0	158.011	16.7	2448.6
3/22/2016	13:30:00	0	158.072	16.7	2448.6
3/22/2016	13:45:00	0	158.017	16.7	2448.6
3/22/2016	14:00:00	0	158.079	16.7	2447.4
3/22/2016	14:15:00	0	158.027	16.7	2446.3
3/22/2016	14:30:00	0	158.068	16.7	2446.3
3/22/2016	14:45:00	0	158.053	16.7	2446.3
3/22/2016	15:00:00	0	158.094	16.7	2446.3
3/22/2016	15:15:00	0	158.058	16.7	2446.3
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3/22/2016	15:45:00	0	158.1	16.7	2446.3
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3/22/2016	16:15:00	0	158.109	16.7	2445.1
3/22/2016	16:30:00	0	158.089	16.7	2445.1
3/22/2016	16:45:00	0	158.071	16.7	2445.1

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3/22/2016	17:15:00	0	158.07	16.7	2440.4
3/22/2016	17:30:00	0	158.069	16.7	2439.3
3/22/2016	17:45:00	0	158.026	16.7	2436.9
3/22/2016	18:00:00	0	158.069	16.7	2434.6
3/22/2016	18:15:00	0	158.023	16.7	2434.6
3/22/2016	18:30:00	0	158.055	16.7	2433.4
3/22/2016	18:45:00	0	158.032	16.7	2433.4
3/22/2016	19:00:00	0	158.026	16.7	2433.4
3/22/2016	19:15:00	0	158.02	16.7	2433.4
3/22/2016	19:30:00	0	157.997	16.7	2433.4
3/22/2016	19:45:00	0	157.995	16.7	2433.4
3/22/2016	20:00:00	0	158.009	16.7	2433.4
3/22/2016	20:15:00	0	158.026	16.7	2433.4
3/22/2016	20:30:00	0	158.058	16.7	2433.4
3/22/2016	20:45:00	0	158.032	16.7	2433.4
3/22/2016	21:00:00	0	158.069	16.7	2432.3
3/22/2016	21:15:00	0	158.047	16.7	2432.3
3/22/2016	21:30:00	0	158.087	16.7	2432.3
3/22/2016	21:45:00	0	158.088	16.7	2432.3
3/22/2016	22:00:00	0	158.027	16.7	2432.3
3/22/2016	22:15:00	0	158.013	16.7	2433.4
3/22/2016	22:30:00	0	158.012	16.7	2434.6
3/22/2016	22:45:00	0	158.052	16.7	2433.4
3/22/2016	23:00:00	0	157.981	16.7	2434.6
3/22/2016	23:15:00	0	158.022	16.7	2433.4
3/22/2016	23:30:00	0	158.019	16.7	2433.4
3/22/2016	23:45:00	0	158.082	16.7	2432.3
3/23/2016	0:00:00	0	158.042	16.7	2433.4
3/23/2016	0:15:00	0	158.059	16.7	2433.4
3/23/2016	0:30:00	0	158.063	16.7	2433.4
3/23/2016	0:45:00	0	158.064	16.7	2432.3
3/23/2016	1:00:00	0	158.061	16.7	2431.1
3/23/2016	1:15:00	0	158.078	16.7	2432.3
3/23/2016	1:30:00	0	158.081	16.7	2431.1
3/23/2016	1:45:00	0	158.087	16.7	2431.1
3/23/2016	2:00:00	0	158.109	16.7	2431.1
3/23/2016	2:15:00	0	158.131	16.7	2429.9
3/23/2016	2:30:00	0	158.157	16.7	2429.9
3/23/2016	2:45:00	0	158.18	16.7	2429.9
3/23/2016	3:00:00	0	158.201	16.7	2429.9
3/23/2016	3:15:00	0	158.201	16.7	2429.9
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3/23/2016	3:45:00	0	158.207	16.7	2427.6
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3/23/2016	4:15:00	0	158.263	16.7	2427.6
3/23/2016	4:30:00	0	158.283	16.7	2426.4

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3/23/2016	5:00:00	0	158.329	16.7	2426.4
3/23/2016	5:15:00	0	158.286	16.7	2426.4
3/23/2016	5:30:00	0	158.321	16.7	2426.4
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3/23/2016	6:00:00	0	158.351	16.7	2426.4
3/23/2016	6:15:00	0	158.327	16.7	2426.4
3/23/2016	6:30:00	0	158.342	16.7	2426.4
3/23/2016	6:45:00	0	158.353	16.7	2426.4
3/23/2016	7:00:00	0	158.363	16.7	2426.4
3/23/2016	7:15:00	0	158.334	16.7	2425.3
3/23/2016	7:30:00	0	158.268	16.7	2425.3
3/23/2016	7:45:00	0	158.221	16.7	2425.3
3/23/2016	8:00:00	0	158.136	16.7	2424.1
3/23/2016	8:15:00	0	158.095	16.7	2424.1
3/23/2016	8:30:00	0	158.051	16.7	2422.9
3/23/2016	8:45:00	0	158.065	16.7	2422.9
3/23/2016	9:00:00	0	158.04	16.7	2422.9
3/23/2016	9:15:00	0	158.019	16.7	2424.1
3/23/2016	9:30:00	0	158.077	16.7	2424.1
3/23/2016	9:45:00	0	158.074	16.7	2424.1
3/23/2016	10:00:00	0	158.095	16.7	2425.3
3/23/2016	10:15:00	0	158.034	16.7	2424.1
3/23/2016	10:30:00	0	158.072	16.7	2424.1
3/23/2016	10:45:00	0	158.038	16.7	2424.1
3/23/2016	11:00:00	0	158.02	16.7	2422.9
3/23/2016	11:15:00	0	158.037	16.7	2424.1
3/23/2016	11:30:00	0	158.025	16.7	2424.1
3/23/2016	11:45:00	0	158.003	16.7	2424.1
3/23/2016	12:00:00	0	157.966	16.7	2424.1
3/23/2016	12:15:00	0	157.931	16.7	2422.9
3/23/2016	12:30:00	0	157.956	16.7	2422.9
3/23/2016	12:45:00	0	157.92	16.7	2422.9
3/23/2016	13:00:00	0	157.877	16.7	2422.9
3/23/2016	13:15:00	0	157.866	16.7	2424.1
3/23/2016	13:30:00	0	157.808	16.7	2424.1
3/23/2016	13:45:00	0	157.809	16.7	2424.1
3/23/2016	14:00:00	0	157.834	16.7	2424.1
3/23/2016	14:15:00	0	157.777	16.7	2424.1
3/23/2016	14:30:00	0	157.778	16.7	2425.3
3/23/2016	14:45:00	0	157.757	16.7	2425.3
3/23/2016	15:00:00	0	157.778	16.7	2425.3
3/23/2016	15:15:00	0	157.721	16.7	2425.3
3/23/2016	15:30:00	0	157.685	16.7	2425.3
3/23/2016	15:45:00	0	157.688	16.7	2425.3
3/23/2016	16:00:00	0	157.711	16.7	2425.3
3/23/2016	16:15:00	0	157.674	16.7	2425.3

3/23/2016	16:30:00	0	157.617	16.7	2425.3
3/23/2016	16:45:00	0	157.62	16.7	2426.4
3/23/2016	17:00:00	0	157.623	16.7	2426.4
3/23/2016	17:15:00	0	157.617	16.7	2426.4
3/23/2016	17:30:00	0	157.633	16.7	2426.4
3/23/2016	17:45:00	0	157.618	16.7	2426.4
3/23/2016	18:00:00	0	157.578	16.7	2426.4
3/23/2016	18:15:00	0	157.616	16.7	2426.4
3/23/2016	18:30:00	0	157.62	16.7	2426.4
3/23/2016	18:45:00	0	157.566	16.7	2427.6
3/23/2016	19:00:00	0	157.565	16.7	2426.4
3/23/2016	19:15:00	0	157.62	16.7	2426.4
3/23/2016	19:30:00	0	157.559	16.7	2425.3
3/23/2016	19:45:00	0	157.573	16.7	2425.3
3/23/2016	20:00:00	0	157.589	16.7	2425.3
3/23/2016	20:15:00	0	157.607	16.7	2424.1
3/23/2016	20:30:00	0	157.511	16.7	2424.1
3/23/2016	20:45:00	0	157.61	16.7	2424.1
3/23/2016	21:00:00	0	157.594	16.7	2424.1
3/23/2016	21:15:00	0	157.609	16.7	2424.1
3/23/2016	21:30:00	0	157.588	16.7	2424.1
3/23/2016	21:45:00	0	157.61	16.7	2424.1
3/23/2016	22:00:00	0	157.59	16.7	2424.1
3/23/2016	22:15:00	0	157.548	16.7	2424.1
3/23/2016	22:30:00	0	157.493	16.7	2422.9
3/23/2016	22:45:00	0	157.491	16.7	2422.9
3/23/2016	23:00:00	0	157.428	16.7	2422.9
3/23/2016	23:15:00	0	157.446	16.7	2420.6
3/23/2016	23:30:00	0	157.409	16.7	2422.9
3/23/2016	23:45:00	0	157.421	16.7	2422.9

\*Daylight Savings Time taken into account for Report 47 figures.

Report Date: 3/24/2016 2:16:44 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-6M LT Test\_Append\_2016-03-24\_08-16-42-197-BaroMerge.wsl  
Create Date: 3/24/2016 2:13:47 PM

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: Depth  
Specific Gravity: 0.999

Other Log Settings

Depth of Probe: 33.5174 (ft)  
Head Pressure: 14.5162 (PSI)  
Temperature: 19.5412 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
2/17/2016 5:06:11 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
2/17/2016 5:50:59 PM	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 5:53:06 PM	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 10:20:27 AM	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 9:31:30 AM	Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/3/2016 11:05:22 AM	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 2:06:02 PM	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 3:14:55 PM	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 8:15:42 AM	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
3/24/2016 2:13:47 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-03-24_13-31-57-718.wsl"

Log Data:

Record Count: 850

Sensors: 2

1 - 440621: PCTD 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft
Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft
Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: Baro-Adj Calc	
SN#: 440621	SN#: 440621	SN#: 440621	SN#: 440621
SN#: 440621	SN#: 440621	SN#: 440621	SN#: 440621
SN#: 000000			

Date and Time	Elapsed Time	Corrected Seconds	Corrected Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Resistivity
Conductivity (µS)	Specific Conductivity (µS)	Salinity (PSU)	Barometric Pressure (PSI)	Total Dissolved Solids (ppt)		
(ohm-cm)	Water Density (g/cm3)					
3/17/2016 12:00:00 AM	129600.000	61.585	16.896	142.198		
1203.142	1423.478	0.720	0.968	831.157		
0.999	14.721					
3/17/2016 12:15:00 AM	130500.000	61.586	16.895	142.200		
1204.766	1425.419	0.721	0.969	830.037		
0.999	14.719					
3/17/2016 12:30:00 AM	131400.000	61.583	16.898	142.193		
1197.095	1416.260	0.716	0.963	835.355		
0.999	14.722					
3/17/2016 12:45:00 AM	132300.000	61.603	16.897	142.240		
1195.179	1414.009	0.715	0.962	836.695		
0.999	14.716					



3/17/2016 1:00:00 AM	133200.000	61.602	16.897	142.237
1203.479	1423.849	0.720	0.968	830.924
0.999	14.717			
3/17/2016 1:15:00 AM	134100.000	61.606	16.895	142.246
1198.562	1418.102	0.717	0.964	834.333
0.999	14.715			
3/17/2016 1:30:00 AM	135000.000	61.603	16.901	142.239
1196.760	1415.770	0.716	0.963	835.590
0.999	14.721			
3/17/2016 1:45:00 AM	135900.000	61.613	16.896	142.261
1205.124	1425.835	0.721	0.970	829.790
0.999	14.714			
3/17/2016 2:00:00 AM	136800.000	61.602	16.899	142.237
1196.735	1415.811	0.716	0.963	835.607
0.999	14.719			
3/17/2016 2:15:00 AM	137700.000	61.608	16.896	142.250
1206.135	1427.002	0.722	0.970	829.095
0.999	14.714			
3/17/2016 2:30:00 AM	138600.000	61.599	16.899	142.230
1198.081	1417.401	0.717	0.964	834.668
0.999	14.706			
3/17/2016 2:45:00 AM	139500.000	61.610	16.898	142.256
1201.150	1421.051	0.719	0.966	832.535
0.999	14.711			
3/17/2016 3:00:00 AM	140400.000	61.621	16.898	142.280
1194.917	1413.691	0.715	0.961	836.878
0.999	14.705			
3/17/2016 3:15:00 AM	141300.000	61.622	16.893	142.282
1204.477	1425.139	0.721	0.969	830.236
0.999	14.700			
3/17/2016 3:30:00 AM	142200.000	61.599	16.893	142.230
1199.751	1419.567	0.718	0.965	833.506
0.999	14.708			
3/17/2016 3:45:00 AM	143100.000	61.622	16.901	142.283
1192.660	1410.920	0.713	0.959	838.462
0.999	14.703			
3/17/2016 4:00:00 AM	144000.000	61.623	16.897	142.286
1197.716	1417.031	0.717	0.964	834.922
0.999	14.698			
3/17/2016 4:15:00 AM	144900.000	61.610	16.892	142.255
1208.852	1430.368	0.724	0.973	827.231
0.999	14.697			
3/17/2016 4:30:00 AM	145800.000	61.624	16.898	142.288
1200.560	1420.345	0.718	0.966	832.944
0.999	14.701			
3/17/2016 4:45:00 AM	146700.000	61.625	16.896	142.291
1195.878	1414.881	0.716	0.962	836.206
0.999	14.703			
3/17/2016 5:00:00 AM	147600.000	61.629	16.898	142.299
1195.499	1414.357	0.715	0.962	836.471
0.999	14.696			
3/17/2016 5:15:00 AM	148500.000	61.631	16.899	142.305
1198.737	1418.179	0.717	0.964	834.212
0.999	14.695			
3/17/2016 5:30:00 AM	149400.000	61.632	16.899	142.307
1192.690	1411.028	0.714	0.959	838.441
0.999	14.697			
3/17/2016 5:45:00 AM	150300.000	61.624	16.895	142.287

1198.633	1418.161	0.717	0.964	834.284
0.999	14.693			
3/17/2016 6:00:00 AM	151200.000	61.642	16.893	142.329
1200.715	1420.688	0.719	0.966	832.837
0.999	14.688			
3/17/2016 6:15:00 AM	152100.000	61.639	16.896	142.322
1191.207	1409.355	0.713	0.958	839.485
0.999	14.695			
3/17/2016 6:30:00 AM	153000.000	61.644	16.897	142.335
1201.219	1421.161	0.719	0.966	832.488
0.999	14.691			
3/17/2016 6:45:00 AM	153900.000	61.638	16.895	142.319
1205.830	1426.692	0.722	0.970	829.305
0.999	14.688			
3/17/2016 7:00:00 AM	154800.000	61.650	16.898	142.349
1182.761	1399.293	0.707	0.952	845.479
0.999	14.692			
3/17/2016 7:15:00 AM	155700.000	61.647	16.902	142.341
1181.788	1398.036	0.707	0.951	846.175
0.999	14.694			
3/17/2016 7:30:00 AM	156600.000	61.650	16.896	142.348
1199.194	1418.816	0.718	0.965	833.893
0.999	14.695			
3/17/2016 7:45:00 AM	157500.000	61.641	16.899	142.327
1195.188	1413.984	0.715	0.962	836.688
0.999	14.694			
3/17/2016 8:00:00 AM	158400.000	61.653	16.896	142.354
1198.752	1418.298	0.717	0.964	834.201
0.999	14.696			
3/17/2016 8:15:00 AM	159300.000	61.653	16.897	142.355
1197.672	1416.970	0.717	0.964	834.953
0.999	14.699			
3/17/2016 8:30:00 AM	160200.000	61.655	16.897	142.360
1195.123	1413.949	0.715	0.961	836.734
0.999	14.699			
3/17/2016 8:45:00 AM	161100.000	61.655	16.900	142.360
1191.823	1409.958	0.713	0.959	839.051
0.999	14.695			
3/17/2016 9:00:00 AM	162000.000	61.644	16.898	142.333
1195.929	1414.872	0.716	0.962	836.170
0.999	14.697			
3/17/2016 9:15:00 AM	162900.000	61.641	16.899	142.328
1193.654	1412.160	0.714	0.960	837.764
0.999	14.697			
3/17/2016 9:30:00 AM	163800.000	61.659	16.901	142.370
1183.990	1400.672	0.708	0.952	844.602
0.999	14.696			
3/17/2016 9:45:00 AM	164700.000	61.641	16.901	142.328
1195.613	1414.422	0.715	0.962	836.391
0.999	14.694			
3/17/2016 10:00:00 AM	165600.000	61.653	16.896	142.354
1199.355	1418.989	0.718	0.965	833.781
0.999	14.698			
3/17/2016 10:15:00 AM	166500.000	61.650	16.899	142.349
1186.824	1404.082	0.710	0.955	842.585
0.999	14.699			
3/17/2016 10:30:00 AM	167400.000	61.651	16.897	142.349
1189.233	1406.983	0.711	0.957	840.878

0.999	14.699			
3/17/2016 10:45:00 AM	168300.000	61.634	16.897	142.311
1197.673	1416.968	0.717	0.964	834.953
0.999	14.702			
3/17/2016 11:00:00 AM	169200.000	61.659	16.898	142.368
1196.674	1415.753	0.716	0.963	835.650
0.999	14.689			
3/17/2016 11:15:00 AM	170100.000	61.635	16.902	142.314
1176.201	1391.402	0.703	0.946	850.195
0.999	14.693			
3/17/2016 11:30:00 AM	171000.000	61.646	16.899	142.339
1202.145	1422.192	0.719	0.967	831.846
0.999	14.694			
3/17/2016 11:45:00 AM	171900.000	61.637	16.898	142.317
1190.184	1408.091	0.712	0.958	840.206
0.999	14.685			
3/17/2016 12:00:00 PM	172800.000	61.630	16.900	142.302
1194.275	1412.870	0.715	0.961	837.328
0.999	14.688			
3/17/2016 12:15:00 PM	173700.000	61.644	16.896	142.335
1200.517	1420.361	0.718	0.966	832.975
0.999	14.691			
3/17/2016 12:30:00 PM	174600.000	61.636	16.898	142.316
1196.569	1415.632	0.716	0.963	835.723
0.999	14.695			
3/17/2016 12:45:00 PM	175500.000	61.634	16.900	142.312
1192.350	1410.576	0.713	0.959	838.680
0.999	14.689			
3/17/2016 1:00:00 PM	176400.000	61.631	16.896	142.304
1201.965	1422.085	0.719	0.967	831.971
0.999	14.693			
3/17/2016 1:15:00 PM	177300.000	61.633	16.899	142.309
1194.731	1413.421	0.715	0.961	837.008
0.999	14.689			
3/17/2016 1:30:00 PM	178200.000	61.623	16.897	142.286
1193.842	1412.431	0.714	0.960	837.631
0.999	14.692			
3/17/2016 1:45:00 PM	179100.000	61.628	16.900	142.297
1191.375	1409.423	0.713	0.958	839.366
0.999	14.688			
3/17/2016 2:00:00 PM	180000.000	61.620	16.898	142.278
1200.441	1420.232	0.718	0.966	833.027
0.999	14.689			
3/17/2016 2:15:00 PM	180900.000	61.601	16.900	142.235
1200.694	1420.461	0.719	0.966	832.852
0.999	14.687			
3/17/2016 2:30:00 PM	181800.000	61.608	16.901	142.250
1197.036	1416.084	0.716	0.963	835.396
0.999	14.690			
3/17/2016 2:45:00 PM	182700.000	61.625	16.898	142.290
1202.628	1422.817	0.720	0.968	831.512
0.999	14.675			
3/17/2016 3:00:00 PM	183600.000	61.609	16.897	142.253
1200.422	1420.240	0.718	0.966	833.040
0.999	14.684			
3/17/2016 3:15:00 PM	184500.000	61.608	16.897	142.252
1204.541	1425.105	0.721	0.969	830.192
0.999	14.683			

3/17/2016 3:30:00 PM	185400.000	61.600	16.901	142.233
1207.689	1428.696	0.723	0.972	828.028
0.999	14.684			
3/17/2016 3:45:00 PM	186300.000	61.600	16.901	142.231
1205.261	1425.839	0.721	0.970	829.696
0.999	14.682			
3/17/2016 4:00:00 PM	187200.000	61.577	16.900	142.179
1202.945	1423.125	0.720	0.968	831.293
0.999	14.684			
3/17/2016 4:15:00 PM	188100.000	61.592	16.900	142.213
1201.126	1420.969	0.719	0.966	832.552
0.999	14.680			
3/17/2016 4:30:00 PM	189000.000	61.570	16.901	142.164
1203.180	1423.360	0.720	0.968	831.131
0.999	14.680			
3/17/2016 4:45:00 PM	189900.000	61.591	16.901	142.211
1204.825	1425.294	0.721	0.969	829.996
0.999	14.676			
3/17/2016 5:00:00 PM	190800.000	61.570	16.901	142.163
1205.140	1425.687	0.721	0.969	829.779
0.999	14.678			
3/17/2016 5:15:00 PM	191700.000	61.580	16.901	142.186
1207.271	1428.216	0.723	0.971	828.315
0.999	14.682			
3/17/2016 5:30:00 PM	192600.000	61.574	16.902	142.172
1206.543	1427.313	0.722	0.971	828.814
0.999	14.684			
3/17/2016 5:45:00 PM	193500.000	61.581	16.900	142.189
1205.144	1425.715	0.721	0.969	829.776
0.999	14.681			
3/17/2016 6:00:00 PM	194400.000	61.565	16.901	142.153
1202.985	1423.124	0.720	0.968	831.265
0.999	14.678			
3/17/2016 6:15:00 PM	195300.000	61.577	16.902	142.179
1202.827	1422.920	0.720	0.968	831.375
0.999	14.687			
3/17/2016 6:30:00 PM	196200.000	61.567	16.900	142.157
1200.529	1420.258	0.718	0.966	832.966
0.999	14.686			
3/17/2016 6:45:00 PM	197100.000	61.557	16.901	142.134
1201.088	1420.879	0.719	0.966	832.579
0.999	14.687			
3/17/2016 7:00:00 PM	198000.000	61.569	16.901	142.161
1203.316	1423.518	0.720	0.968	831.037
0.999	14.694			
3/17/2016 7:15:00 PM	198900.000	61.573	16.902	142.171
1202.040	1421.981	0.719	0.967	831.919
0.999	14.690			
3/17/2016 7:30:00 PM	199800.000	61.553	16.902	142.123
1201.040	1420.783	0.719	0.966	832.611
0.999	14.693			
3/17/2016 7:45:00 PM	200700.000	61.577	16.902	142.179
1196.273	1415.158	0.716	0.962	835.929
0.999	14.692			
3/17/2016 8:00:00 PM	201600.000	61.565	16.901	142.151
1200.057	1419.662	0.718	0.965	833.294
0.999	14.703			
3/17/2016 8:15:00 PM	202500.000	61.569	16.900	142.161

1201.959	1421.949	0.719	0.967	831.975
0.999	14.701			
3/17/2016 8:30:00 PM	203400.000	61.573	16.903	142.170
1200.554	1420.186	0.718	0.966	832.949
0.999	14.699			
3/17/2016 8:45:00 PM	204300.000	61.565	16.902	142.151
1203.146	1423.294	0.720	0.968	831.154
0.999	14.710			
3/17/2016 9:00:00 PM	205200.000	61.574	16.900	142.173
1204.536	1425.011	0.721	0.969	830.195
0.999	14.704			
3/17/2016 9:15:00 PM	206100.000	61.573	16.900	142.171
1204.289	1424.709	0.721	0.969	830.365
0.999	14.703			
3/17/2016 9:30:00 PM	207000.000	61.554	16.900	142.125
1203.865	1424.216	0.721	0.968	830.658
0.999	14.707			
3/17/2016 9:45:00 PM	207900.000	61.554	16.899	142.126
1203.156	1423.385	0.720	0.968	831.147
0.999	14.709			
3/17/2016 10:00:00 PM	208800.000	61.569	16.898	142.160
1203.360	1423.677	0.720	0.968	831.006
0.999	14.712			
3/17/2016 10:15:00 PM	209700.000	61.561	16.899	142.142
1203.171	1423.400	0.720	0.968	831.137
0.999	14.707			
3/17/2016 10:30:00 PM	210600.000	61.561	16.900	142.142
1200.550	1420.293	0.718	0.966	832.952
0.999	14.710			
3/17/2016 10:45:00 PM	211500.000	61.576	16.900	142.177
1202.864	1423.011	0.720	0.968	831.349
0.999	14.715			
3/17/2016 11:00:00 PM	212400.000	61.559	16.902	142.137
1201.931	1421.862	0.719	0.967	831.995
0.999	14.713			
3/17/2016 11:15:00 PM	213300.000	61.578	16.900	142.181
1203.901	1424.250	0.721	0.968	830.633
0.999	14.710			
3/17/2016 11:30:00 PM	214200.000	61.561	16.900	142.143
1204.654	1425.143	0.721	0.969	830.114
0.999	14.710			
3/17/2016 11:45:00 PM	215100.000	61.573	16.899	142.171
1205.247	1425.870	0.721	0.970	829.705
0.999	14.712			
3/18/2016 12:00:00 AM	216000.000	61.576	16.902	142.178
1203.494	1423.697	0.720	0.968	830.914
0.999	14.714			
3/18/2016 12:15:00 AM	216900.000	61.561	16.901	142.143
1202.099	1422.096	0.719	0.967	831.878
0.999	14.712			
3/18/2016 12:30:00 AM	217800.000	61.582	16.901	142.190
1200.441	1420.128	0.718	0.966	833.027
0.999	14.708			
3/18/2016 12:45:00 AM	218700.000	61.583	16.902	142.193
1199.946	1419.506	0.718	0.965	833.371
0.999	14.707			
3/18/2016 1:00:00 AM	219600.000	61.581	16.901	142.188
1201.669	1421.589	0.719	0.967	832.176

0.999	14.705			
3/18/2016 1:15:00 AM	220500.000	61.581	16.900	142.189
1201.675	1421.602	0.719	0.967	832.172
0.999	14.709			
3/18/2016 1:30:00 AM	221400.000	61.582	16.900	142.192
1204.016	1424.391	0.721	0.969	830.554
0.999	14.708			
3/18/2016 1:45:00 AM	222300.000	61.590	16.901	142.210
1205.252	1425.828	0.721	0.970	829.702
0.999	14.705			
3/18/2016 2:00:00 AM	223200.000	61.586	16.901	142.200
1204.163	1424.517	0.721	0.969	830.452
0.999	14.709			
3/18/2016 2:15:00 AM	224100.000	61.586	16.901	142.201
1205.070	1425.582	0.721	0.969	829.827
0.999	14.710			
3/18/2016 2:30:00 AM	225000.000	61.572	16.900	142.168
1205.590	1426.253	0.722	0.970	829.469
0.999	14.703			
3/18/2016 2:45:00 AM	225900.000	61.589	16.898	142.208
1203.690	1424.067	0.720	0.968	830.779
0.999	14.706			
3/18/2016 3:00:00 AM	226800.000	61.576	16.901	142.178
1205.547	1426.163	0.722	0.970	829.499
0.999	14.705			
3/18/2016 3:15:00 AM	227700.000	61.569	16.900	142.162
1204.794	1425.315	0.721	0.969	830.017
0.999	14.704			
3/18/2016 3:30:00 AM	228600.000	61.591	16.901	142.213
1202.751	1422.838	0.720	0.968	831.427
0.999	14.705			
3/18/2016 3:45:00 AM	229500.000	61.593	16.899	142.217
1202.506	1422.630	0.720	0.967	831.597
0.999	14.703			
3/18/2016 4:00:00 AM	230400.000	61.602	16.903	142.237
1203.839	1424.068	0.720	0.968	830.676
0.999	14.697			
3/18/2016 4:15:00 AM	231300.000	61.596	16.902	142.224
1202.543	1422.572	0.720	0.967	831.571
0.999	14.702			
3/18/2016 4:30:00 AM	232200.000	61.606	16.900	142.246
1202.784	1422.914	0.720	0.968	831.405
0.999	14.696			
3/18/2016 4:45:00 AM	233100.000	61.583	16.901	142.193
1204.764	1425.236	0.721	0.969	830.038
0.999	14.704			
3/18/2016 5:00:00 AM	234000.000	61.608	16.902	142.250
1204.013	1424.320	0.721	0.969	830.556
0.999	14.694			
3/18/2016 5:15:00 AM	234900.000	61.584	16.900	142.195
1203.641	1423.925	0.720	0.968	830.813
0.999	14.713			
3/18/2016 5:30:00 AM	235800.000	61.613	16.900	142.263
1202.675	1422.801	0.720	0.968	831.480
0.999	14.700			
3/18/2016 5:45:00 AM	236700.000	61.596	16.901	142.224
1204.325	1424.723	0.721	0.969	830.340
0.999	14.706			

3/18/2016 6:00:00 AM	237600.000	61.615	16.901	142.267
1202.688	1422.789	0.720	0.967	831.471
0.999	14.709			
3/18/2016 6:15:00 AM	238500.000	61.597	16.899	142.226
1204.128	1424.552	0.721	0.969	830.476
0.999	14.712			
3/18/2016 6:30:00 AM	239400.000	61.614	16.900	142.265
1203.752	1424.070	0.720	0.968	830.736
0.999	14.714			
3/18/2016 6:45:00 AM	240300.000	61.620	16.900	142.279
1203.576	1423.876	0.720	0.968	830.857
0.999	14.714			
3/18/2016 7:00:00 AM	241200.000	61.618	16.902	142.275
1208.083	1429.126	0.723	0.972	827.758
0.999	14.715			
3/18/2016 7:15:00 AM	242100.000	61.617	16.902	142.272
1207.392	1428.311	0.723	0.971	828.231
0.999	14.717			
3/18/2016 7:30:00 AM	243000.000	61.612	16.901	142.261
1205.199	1425.734	0.721	0.969	829.739
0.999	14.725			
3/18/2016 7:45:00 AM	243900.000	61.616	16.900	142.270
1204.385	1424.833	0.721	0.969	830.300
0.999	14.719			
3/18/2016 8:00:00 AM	244800.000	61.624	16.902	142.288
1203.082	1423.222	0.720	0.968	831.198
0.999	14.720			
3/18/2016 8:15:00 AM	245700.000	61.622	16.899	142.282
1201.854	1421.851	0.719	0.967	832.047
0.999	14.720			
3/18/2016 8:30:00 AM	246600.000	61.603	16.900	142.240
1203.650	1423.938	0.720	0.968	830.806
0.999	14.721			
3/18/2016 8:45:00 AM	247500.000	61.602	16.901	142.237
1204.062	1424.411	0.721	0.969	830.522
0.999	14.733			
3/18/2016 9:00:00 AM	248400.000	61.598	16.899	142.229
1202.563	1422.681	0.720	0.967	831.557
0.999	14.730			
3/18/2016 9:15:00 AM	249300.000	61.576	16.901	142.177
1202.950	1423.082	0.720	0.968	831.290
0.999	14.734			
3/18/2016 9:30:00 AM	250200.000	61.584	16.902	142.195
1205.485	1426.069	0.722	0.970	829.542
0.999	14.732			
3/18/2016 9:45:00 AM	251100.000	61.585	16.900	142.198
1200.990	1420.800	0.719	0.966	832.646
0.999	14.733			
3/18/2016 10:00:00 AM	252000.000	61.567	16.902	142.156
1202.186	1422.165	0.719	0.967	831.818
0.999	14.735			
3/18/2016 10:15:00 AM	252900.000	61.573	16.902	142.170
1204.391	1424.762	0.721	0.969	830.295
0.999	14.744			
3/18/2016 10:30:00 AM	253800.000	61.559	16.899	142.138
1205.626	1426.315	0.722	0.970	829.445
0.999	14.739			
3/18/2016 10:45:00 AM	254700.000	61.548	16.899	142.113

1203.295	1423.552	0.720	0.968	831.051
0.999	14.746			
3/18/2016 11:00:00 AM	255600.000	61.569	16.903	142.160
1194.823	1413.424	0.715	0.961	836.944
0.999	14.740			
3/18/2016 11:15:00 AM	256500.000	61.550	16.901	142.118
1196.870	1415.909	0.716	0.963	835.513
0.999	14.739			
3/18/2016 11:30:00 AM	257400.000	61.538	16.900	142.090
1196.404	1415.372	0.716	0.962	835.838
0.999	14.745			
3/18/2016 11:45:00 AM	258300.000	61.525	16.901	142.060
1188.056	1405.476	0.711	0.956	841.711
0.999	14.748			
3/18/2016 12:00:00 PM	259200.000	61.533	16.900	142.077
1193.280	1411.684	0.714	0.960	838.026
0.999	14.751			
3/18/2016 12:15:00 PM	260100.000	61.506	16.900	142.016
1188.701	1406.259	0.711	0.956	841.254
0.999	14.749			
3/18/2016 12:30:00 PM	261000.000	61.516	16.899	142.038
1185.610	1402.641	0.709	0.954	843.448
0.999	14.748			
3/18/2016 12:45:00 PM	261900.000	61.478	16.897	141.950
1192.955	1411.407	0.714	0.960	838.254
0.999	14.753			
3/18/2016 1:00:00 PM	262800.000	61.493	16.900	141.985
1185.614	1402.612	0.709	0.954	843.445
0.999	14.749			
3/18/2016 1:15:00 PM	263700.000	61.487	16.896	141.972
1193.877	1412.508	0.714	0.961	837.607
0.999	14.742			
3/18/2016 1:30:00 PM	264600.000	61.471	16.896	141.936
1197.245	1416.499	0.716	0.963	835.251
0.999	14.746			
3/18/2016 1:45:00 PM	265500.000	61.447	16.895	141.879
1202.869	1423.198	0.720	0.968	831.346
0.999	14.745			
3/18/2016 2:00:00 PM	266400.000	61.467	16.894	141.925
1197.526	1416.907	0.717	0.963	835.055
0.999	14.734			
3/18/2016 2:15:00 PM	267300.000	61.448	16.893	141.882
1204.308	1424.957	0.721	0.969	830.352
0.999	14.739			
3/18/2016 2:30:00 PM	268200.000	61.438	16.892	141.859
1206.900	1428.057	0.723	0.971	828.569
0.999	14.737			
3/18/2016 2:45:00 PM	269100.000	61.429	16.891	141.837
1209.584	1431.261	0.724	0.973	826.731
0.999	14.735			
3/18/2016 3:00:00 PM	270000.000	61.406	16.895	141.786
1203.460	1423.894	0.720	0.968	830.937
0.999	14.731			
3/18/2016 3:15:00 PM	270900.000	61.417	16.890	141.810
1212.616	1434.869	0.726	0.976	824.663
0.999	14.726			
3/18/2016 3:30:00 PM	271800.000	61.408	16.890	141.789
1211.453	1433.513	0.725	0.975	825.455



0.999	14.726			
3/18/2016 3:45:00 PM	272700.000	61.381	16.889	141.726
1217.317	1440.477	0.729	0.980	821.479
0.999	14.725			
3/18/2016 4:00:00 PM	273600.000	61.382	16.891	141.728
1213.687	1436.109	0.727	0.977	823.936
0.999	14.722			
3/18/2016 4:15:00 PM	274500.000	61.364	16.891	141.687
1220.029	1443.629	0.731	0.982	819.653
0.999	14.726			
3/18/2016 4:30:00 PM	275400.000	61.360	16.890	141.678
1215.904	1438.768	0.728	0.978	822.434
0.999	14.731			
3/18/2016 4:45:00 PM	276300.000	61.377	16.892	141.718
1219.055	1442.437	0.730	0.981	820.308
0.999	14.720			
3/18/2016 5:00:00 PM	277200.000	61.368	16.889	141.696
1217.709	1440.952	0.729	0.980	821.214
0.999	14.728			
3/18/2016 5:15:00 PM	278100.000	61.369	16.890	141.698
1220.518	1444.225	0.731	0.982	819.325
0.999	14.722			
3/18/2016 5:30:00 PM	279000.000	61.357	16.889	141.673
1223.885	1448.243	0.733	0.985	817.070
0.999	14.732			
3/18/2016 5:45:00 PM	279900.000	61.353	16.889	141.662
1221.960	1445.987	0.732	0.983	818.357
0.999	14.723			
3/18/2016 6:00:00 PM	280800.000	61.350	16.891	141.656
1217.463	1440.578	0.729	0.980	821.380
0.999	14.725			
3/18/2016 6:15:00 PM	281700.000	61.351	16.889	141.658
1213.807	1436.313	0.727	0.977	823.854
0.999	14.729			
3/18/2016 6:30:00 PM	282600.000	61.350	16.890	141.655
1218.800	1442.184	0.730	0.981	820.479
0.999	14.733			
3/18/2016 6:45:00 PM	283500.000	61.348	16.891	141.652
1212.933	1435.230	0.726	0.976	824.448
0.999	14.732			
3/18/2016 7:00:00 PM	284400.000	61.369	16.895	141.698
1213.671	1435.961	0.727	0.976	823.947
0.999	14.729			
3/18/2016 7:15:00 PM	285300.000	61.358	16.894	141.673
1208.832	1430.276	0.724	0.973	827.245
0.999	14.730			
3/18/2016 7:30:00 PM	286200.000	61.372	16.896	141.707
1204.481	1425.045	0.721	0.969	830.233
0.999	14.735			
3/18/2016 7:45:00 PM	287100.000	61.353	16.896	141.661
1198.042	1417.444	0.717	0.964	834.695
0.999	14.738			
3/18/2016 8:00:00 PM	288000.000	61.361	16.896	141.680
1194.512	1413.257	0.715	0.961	837.162
0.999	14.733			
3/18/2016 8:15:00 PM	288900.000	61.372	16.897	141.705
1201.375	1421.360	0.719	0.967	832.379
0.999	14.740			

3/18/2016 8:30:00 PM	289800.000	61.356	16.899	141.668
1199.249	1418.785	0.718	0.965	833.856
0.999	14.736			
3/18/2016 8:45:00 PM	290700.000	61.366	16.896	141.691
1193.733	1412.343	0.714	0.960	837.708
0.999	14.735			
3/18/2016 9:00:00 PM	291600.000	61.355	16.895	141.666
1205.901	1426.763	0.722	0.970	829.255
0.999	14.743			
3/18/2016 9:15:00 PM	292500.000	61.360	16.898	141.678
1202.652	1422.839	0.720	0.968	831.496
0.999	14.741			
3/18/2016 9:30:00 PM	293400.000	61.374	16.895	141.710
1199.534	1419.238	0.718	0.965	833.657
0.999	14.741			
3/18/2016 9:45:00 PM	294300.000	61.366	16.898	141.693
1206.931	1427.891	0.722	0.971	828.548
0.999	14.743			
3/18/2016 10:00:00 PM	295200.000	61.373	16.897	141.707
1206.357	1427.245	0.722	0.971	828.942
0.999	14.745			
3/18/2016 10:15:00 PM	296100.000	61.358	16.898	141.673
1201.293	1421.223	0.719	0.966	832.437
0.999	14.747			
3/18/2016 10:30:00 PM	297000.000	61.357	16.899	141.671
1200.456	1420.207	0.718	0.966	833.017
0.999	14.749			
3/18/2016 10:45:00 PM	297900.000	61.364	16.898	141.688
1197.713	1417.004	0.717	0.964	834.925
0.999	14.743			
3/18/2016 11:00:00 PM	298800.000	61.365	16.896	141.691
1200.103	1419.883	0.718	0.966	833.262
0.999	14.746			
3/18/2016 11:15:00 PM	299700.000	61.368	16.896	141.696
1198.538	1418.031	0.717	0.964	834.350
0.999	14.741			
3/18/2016 11:30:00 PM	300600.000	61.376	16.898	141.715
1197.767	1417.068	0.717	0.964	834.887
0.999	14.742			
3/18/2016 11:45:00 PM	301500.000	61.376	16.899	141.716
1203.547	1423.862	0.720	0.968	830.877
0.999	14.743			
3/19/2016 12:00:00 AM	302400.000	61.376	16.897	141.715
1206.699	1427.644	0.722	0.971	828.707
0.999	14.741			
3/19/2016 12:15:00 AM	303300.000	61.396	16.900	141.761
1204.416	1424.867	0.721	0.969	830.278
0.999	14.743			
3/19/2016 12:30:00 AM	304200.000	61.376	16.899	141.715
1203.395	1423.693	0.720	0.968	830.982
0.999	14.747			
3/19/2016 12:45:00 AM	305100.000	61.376	16.898	141.716
1201.212	1421.127	0.719	0.966	832.493
0.999	14.748			
3/19/2016 1:00:00 AM	306000.000	61.402	16.898	141.775
1201.058	1420.945	0.719	0.966	832.600
0.999	14.746			
3/19/2016 1:15:00 AM	306900.000	61.404	16.897	141.779

1203.721	1424.141	0.720	0.968	830.757
0.999	14.748			
3/19/2016 1:30:00 AM	307800.000	61.401	16.898	141.774
1205.134	1425.761	0.721	0.970	829.783
0.999	14.749			
3/19/2016 1:45:00 AM	308700.000	61.407	16.897	141.787
1202.991	1423.257	0.720	0.968	831.262
0.999	14.748			
3/19/2016 2:00:00 AM	309600.000	61.414	16.900	141.803
1201.951	1421.943	0.719	0.967	831.981
0.999	14.744			
3/19/2016 2:15:00 AM	310500.000	61.416	16.901	141.807
1203.742	1424.035	0.720	0.968	830.743
0.999	14.746			
3/19/2016 2:30:00 AM	311400.000	61.412	16.900	141.797
1202.014	1422.015	0.719	0.967	831.937
0.999	14.749			
3/19/2016 2:45:00 AM	312300.000	61.405	16.899	141.783
1203.283	1423.561	0.720	0.968	831.060
0.999	14.741			
3/19/2016 3:00:00 AM	313200.000	61.405	16.897	141.782
1198.915	1418.441	0.717	0.965	834.087
0.999	14.742			
3/19/2016 3:15:00 AM	314100.000	61.418	16.899	141.813
1197.042	1416.180	0.716	0.963	835.393
0.999	14.748			
3/19/2016 3:30:00 AM	315000.000	61.417	16.898	141.811
1204.768	1425.332	0.721	0.969	830.035
0.999	14.745			
3/19/2016 3:45:00 AM	315900.000	61.406	16.899	141.785
1203.518	1423.819	0.720	0.968	830.897
0.999	14.749			
3/19/2016 4:00:00 AM	316800.000	61.427	16.898	141.833
1204.911	1425.506	0.721	0.969	829.937
0.999	14.742			
3/19/2016 4:15:00 AM	317700.000	61.408	16.899	141.790
1204.266	1424.721	0.721	0.969	830.381
0.999	14.746			
3/19/2016 4:30:00 AM	318600.000	61.423	16.899	141.824
1202.615	1422.753	0.720	0.967	831.521
0.999	14.750			
3/19/2016 4:45:00 AM	319500.000	61.420	16.898	141.817
1200.560	1420.365	0.718	0.966	832.944
0.999	14.743			
3/19/2016 5:00:00 AM	320400.000	61.421	16.901	141.820
1204.680	1425.120	0.721	0.969	830.096
0.999	14.745			
3/19/2016 5:15:00 AM	321300.000	61.423	16.897	141.823
1206.810	1427.781	0.722	0.971	828.631
0.999	14.747			
3/19/2016 5:30:00 AM	322200.000	61.439	16.899	141.861
1198.603	1418.010	0.717	0.964	834.304
0.999	14.749			
3/19/2016 5:45:00 AM	323100.000	61.430	16.900	141.839
1202.411	1422.489	0.720	0.967	831.662
0.999	14.745			
3/19/2016 6:00:00 AM	324000.000	61.445	16.902	141.874
1205.355	1425.913	0.721	0.970	829.631

0.999	14.748			
3/19/2016 6:15:00 AM	324900.000	61.425	16.897	141.829
1206.451	1427.345	0.722	0.971	828.878
0.999	14.757			
3/19/2016 6:30:00 AM	325800.000	61.446	16.899	141.876
1201.471	1421.403	0.719	0.967	832.313
0.999	14.755			
3/19/2016 6:45:00 AM	326700.000	61.437	16.899	141.857
1203.034	1423.241	0.720	0.968	831.232
0.999	14.752			
3/19/2016 7:00:00 AM	327600.000	61.440	16.899	141.864
1203.280	1423.557	0.720	0.968	831.062
0.999	14.749			
3/19/2016 7:15:00 AM	328500.000	61.458	16.896	141.904
1198.524	1418.026	0.717	0.964	834.360
0.999	14.755			
3/19/2016 7:30:00 AM	329400.000	61.443	16.896	141.869
1204.659	1425.267	0.721	0.969	830.110
0.999	14.754			
3/19/2016 7:45:00 AM	330300.000	61.453	16.897	141.892
1203.438	1423.808	0.720	0.968	830.953
0.999	14.764			
3/19/2016 8:00:00 AM	331200.000	61.441	16.899	141.866
1204.229	1424.663	0.721	0.969	830.407
0.999	14.764			
3/19/2016 8:15:00 AM	332100.000	61.448	16.898	141.881
1205.277	1425.934	0.721	0.970	829.685
0.999	14.760			
3/19/2016 8:30:00 AM	333000.000	61.445	16.898	141.875
1204.789	1425.367	0.721	0.969	830.021
0.999	14.762			
3/19/2016 8:45:00 AM	333900.000	61.447	16.900	141.879
1205.379	1426.007	0.721	0.970	829.614
0.999	14.762			
3/19/2016 9:00:00 AM	334800.000	61.442	16.897	141.867
1203.838	1424.273	0.721	0.969	830.677
0.999	14.768			
3/19/2016 9:15:00 AM	335700.000	61.463	16.897	141.916
1201.171	1421.121	0.719	0.966	832.521
0.999	14.763			
3/19/2016 9:30:00 AM	336600.000	61.455	16.899	141.898
1204.226	1424.659	0.721	0.969	830.409
0.999	14.767			
3/19/2016 9:45:00 AM	337500.000	61.452	16.899	141.890
1203.195	1423.431	0.720	0.968	831.120
0.999	14.764			
3/19/2016 10:00:00 AM	338400.000	61.424	16.897	141.827
1202.670	1422.886	0.720	0.968	831.484
0.999	14.765			
3/19/2016 10:15:00 AM	339300.000	61.425	16.896	141.829
1200.738	1420.625	0.719	0.966	832.821
0.999	14.768			
3/19/2016 10:30:00 AM	340200.000	61.400	16.894	141.770
1203.381	1423.823	0.720	0.968	830.992
0.999	14.773			
3/19/2016 10:45:00 AM	341100.000	61.397	16.898	141.763
1197.601	1416.869	0.717	0.963	835.003
0.999	14.766			

3/19/2016 11:00:00 AM	342000.000	61.387	16.899	141.740
1196.016	1414.960	0.716	0.962	836.109
0.999	14.768			
3/19/2016 11:15:00 AM	342900.000	61.395	16.892	141.759
1201.827	1422.041	0.719	0.967	832.066
0.999	14.765			
3/19/2016 11:30:00 AM	343800.000	61.364	16.894	141.687
1201.047	1421.058	0.719	0.966	832.607
0.999	14.766			
3/19/2016 11:45:00 AM	344700.000	61.353	16.891	141.663
1206.611	1427.741	0.722	0.971	828.768
0.999	14.767			
3/19/2016 12:00:00 PM	345600.000	61.345	16.890	141.645
1203.859	1424.515	0.721	0.969	830.662
0.999	14.767			
3/19/2016 12:15:00 PM	346500.000	61.332	16.889	141.614
1208.446	1429.969	0.724	0.972	827.509
0.999	14.765			
3/19/2016 12:30:00 PM	347400.000	61.327	16.890	141.601
1205.171	1426.077	0.721	0.970	829.758
0.999	14.764			
3/19/2016 12:45:00 PM	348300.000	61.318	16.888	141.582
1218.714	1442.147	0.730	0.981	820.537
0.999	14.760			
3/19/2016 1:00:00 PM	349200.000	61.305	16.889	141.552
1213.406	1435.864	0.727	0.976	824.127
0.999	14.767			
3/19/2016 1:15:00 PM	350100.000	61.312	16.887	141.567
1224.288	1448.785	0.734	0.985	816.801
0.999	14.766			
3/19/2016 1:30:00 PM	351000.000	61.296	16.888	141.531
1220.935	1444.799	0.731	0.982	819.044
0.999	14.769			
3/19/2016 1:45:00 PM	351900.000	61.285	16.887	141.504
1224.611	1449.178	0.734	0.985	816.586
0.999	14.766			
3/19/2016 2:00:00 PM	352800.000	61.259	16.887	141.446
1226.279	1451.157	0.735	0.987	815.475
0.999	14.764			
3/19/2016 2:15:00 PM	353700.000	61.241	16.891	141.403
1226.207	1450.943	0.735	0.987	815.523
0.999	14.767			
3/19/2016 2:30:00 PM	354600.000	61.232	16.888	141.384
1222.277	1446.376	0.732	0.984	818.145
0.999	14.762			
3/19/2016 2:45:00 PM	355500.000	61.242	16.888	141.405
1225.505	1450.204	0.734	0.986	815.990
0.999	14.759			
3/19/2016 3:00:00 PM	356400.000	61.228	16.888	141.373
1223.349	1447.636	0.733	0.984	817.428
0.999	14.763			
3/19/2016 3:15:00 PM	357300.000	61.210	16.891	141.332
1223.799	1448.070	0.733	0.985	817.128
0.999	14.754			
3/19/2016 3:30:00 PM	358200.000	61.208	16.887	141.327
1222.174	1446.274	0.732	0.983	818.214
0.999	14.751			
3/19/2016 3:45:00 PM	359100.000	61.207	16.889	141.325

1226.785	1451.684	0.735	0.987	815.139
0.999	14.750			
3/19/2016 4:00:00 PM	360000.000	61.195	16.890	141.297
1219.205	1442.689	0.730	0.981	820.206
0.999	14.757			
3/19/2016 4:15:00 PM	360900.000	61.198	16.888	141.304
1225.421	1450.114	0.734	0.986	816.046
0.999	14.752			
3/19/2016 4:30:00 PM	361800.000	61.195	16.889	141.296
1225.329	1449.973	0.734	0.986	816.107
0.999	14.751			
3/19/2016 4:45:00 PM	362700.000	61.197	16.891	141.302
1225.525	1450.138	0.734	0.986	815.977
0.999	14.744			
3/19/2016 5:00:00 PM	363600.000	61.184	16.886	141.271
1225.900	1450.717	0.735	0.986	815.727
0.999	14.748			
3/19/2016 5:15:00 PM	364500.000	61.202	16.887	141.313
1228.674	1453.989	0.736	0.989	813.885
0.999	14.746			
3/19/2016 5:30:00 PM	365400.000	61.198	16.890	141.304
1225.524	1450.142	0.734	0.986	815.978
0.999	14.750			
3/19/2016 5:45:00 PM	366300.000	61.180	16.888	141.263
1225.147	1449.789	0.734	0.986	816.229
0.999	14.748			
3/19/2016 6:00:00 PM	367200.000	61.199	16.888	141.307
1230.885	1456.564	0.738	0.990	812.424
0.999	14.743			
3/19/2016 6:15:00 PM	368100.000	61.194	16.890	141.296
1219.478	1443.012	0.730	0.981	820.023
0.999	14.745			
3/19/2016 6:30:00 PM	369000.000	61.194	16.889	141.294
1225.186	1449.800	0.734	0.986	816.203
0.999	14.745			
3/19/2016 6:45:00 PM	369900.000	61.190	16.890	141.285
1216.394	1439.351	0.729	0.979	822.102
0.999	14.747			
3/19/2016 7:00:00 PM	370800.000	61.185	16.892	141.275
1216.176	1439.013	0.728	0.979	822.249
0.999	14.745			
3/19/2016 7:15:00 PM	371700.000	61.165	16.887	141.227
1224.400	1448.933	0.734	0.985	816.727
0.999	14.743			
3/19/2016 7:30:00 PM	372600.000	61.165	16.891	141.228
1220.311	1443.957	0.731	0.982	819.463
0.999	14.741			
3/19/2016 7:45:00 PM	373500.000	61.159	16.890	141.215
1212.665	1434.950	0.726	0.976	824.630
0.999	14.743			
3/19/2016 8:00:00 PM	374400.000	61.154	16.889	141.203
1222.806	1446.988	0.733	0.984	817.791
0.999	14.750			
3/19/2016 8:15:00 PM	375300.000	61.165	16.888	141.229
1226.888	1451.835	0.735	0.987	815.070
0.999	14.751			
3/19/2016 8:30:00 PM	376200.000	61.157	16.889	141.209
1217.820	1441.064	0.729	0.980	821.139

0.999	14.746			
3/19/2016 8:45:00 PM	377100.000	61.142	16.889	141.176
1214.519	1437.157	0.727	0.977	823.372
0.999	14.753			
3/19/2016 9:00:00 PM	378000.000	61.142	16.888	141.174
1218.514	1441.929	0.730	0.981	820.671
0.999	14.752			
3/19/2016 9:15:00 PM	378900.000	61.134	16.891	141.158
1209.473	1431.114	0.724	0.973	826.806
0.999	14.758			
3/19/2016 9:30:00 PM	379800.000	61.131	16.889	141.150
1213.966	1436.526	0.727	0.977	823.747
0.999	14.759			
3/19/2016 9:45:00 PM	380700.000	61.135	16.887	141.159
1213.317	1435.816	0.727	0.976	824.187
0.999	14.761			
3/19/2016 10:00:00 PM	381600.000	61.153	16.891	141.200
1217.894	1441.084	0.729	0.980	821.089
0.999	14.759			
3/19/2016 10:15:00 PM	382500.000	61.152	16.888	141.198
1212.233	1434.495	0.726	0.975	824.924
0.999	14.759			
3/19/2016 10:30:00 PM	383400.000	61.134	16.890	141.158
1211.309	1433.345	0.725	0.975	825.553
0.999	14.759			
3/19/2016 10:45:00 PM	384300.000	61.141	16.888	141.172
1217.255	1440.441	0.729	0.980	821.521
0.999	14.754			
3/19/2016 11:00:00 PM	385200.000	61.144	16.891	141.180
1218.568	1441.890	0.730	0.980	820.635
0.999	14.766			
3/19/2016 11:15:00 PM	386100.000	61.145	16.893	141.182
1209.936	1431.624	0.724	0.974	826.490
0.999	14.764			
3/19/2016 11:30:00 PM	387000.000	61.129	16.887	141.146
1208.077	1429.606	0.723	0.972	827.762
0.999	14.764			
3/19/2016 11:45:00 PM	387900.000	61.126	16.889	141.138
1207.523	1428.871	0.723	0.972	828.142
0.999	14.767			
3/20/2016 12:00:00 AM	388800.000	61.149	16.889	141.191
1205.598	1426.610	0.722	0.970	829.464
0.999	14.765			
3/20/2016 12:15:00 AM	389700.000	61.134	16.891	141.157
1211.055	1432.991	0.725	0.974	825.726
0.999	14.763			
3/20/2016 12:30:00 AM	390600.000	61.148	16.891	141.188
1207.534	1428.836	0.723	0.972	828.134
0.999	14.768			
3/20/2016 12:45:00 AM	391500.000	61.135	16.890	141.158
1212.661	1434.937	0.726	0.976	824.633
0.999	14.764			
3/20/2016 1:00:00 AM	392400.000	61.135	16.892	141.159
1211.201	1433.150	0.725	0.975	825.627
0.999	14.768			
3/20/2016 1:15:00 AM	393300.000	61.136	16.891	141.161
1204.629	1425.404	0.721	0.969	830.131
0.999	14.765			

3/20/2016 1:30:00 AM	394200.000	61.153	16.889	141.201
1211.349	1433.402	0.725	0.975	825.526
0.999	14.764			
3/20/2016 1:45:00 AM	395100.000	61.141	16.890	141.172
1212.721	1435.010	0.726	0.976	824.592
0.999	14.765			
3/20/2016 2:00:00 AM	396000.000	61.138	16.891	141.165
1210.392	1432.224	0.725	0.974	826.179
0.999	14.770			
3/20/2016 2:15:00 AM	396900.000	61.140	16.894	141.171
1206.836	1427.909	0.722	0.971	828.613
0.999	14.767			
3/20/2016 2:30:00 AM	397800.000	61.141	16.895	141.172
1204.818	1425.504	0.721	0.969	830.001
0.999	14.770			
3/20/2016 2:45:00 AM	398700.000	61.140	16.891	141.169
1208.428	1429.897	0.724	0.972	827.521
0.999	14.775			
3/20/2016 3:00:00 AM	399600.000	61.166	16.890	141.229
1207.651	1428.991	0.723	0.972	828.054
0.999	14.767			
3/20/2016 3:15:00 AM	400500.000	61.142	16.893	141.176
1206.240	1427.223	0.722	0.971	829.023
0.999	14.773			
3/20/2016 3:30:00 AM	401400.000	61.167	16.890	141.232
1204.681	1425.479	0.721	0.969	830.095
0.999	14.765			
3/20/2016 3:45:00 AM	402300.000	61.171	16.891	141.243
1198.595	1418.267	0.717	0.964	834.310
0.999	14.763			
3/20/2016 4:00:00 AM	403200.000	61.168	16.889	141.234
1212.338	1434.577	0.726	0.976	824.853
0.999	14.758			
3/20/2016 4:15:00 AM	404100.000	61.177	16.892	141.257
1206.485	1427.558	0.722	0.971	828.854
0.999	14.762			
3/20/2016 4:30:00 AM	405000.000	61.165	16.893	141.228
1213.082	1435.341	0.726	0.976	824.346
0.999	14.763			
3/20/2016 4:45:00 AM	405900.000	61.162	16.892	141.220
1208.309	1429.724	0.723	0.972	827.603
0.999	14.766			
3/20/2016 5:00:00 AM	406800.000	61.187	16.891	141.279
1210.178	1431.968	0.725	0.974	826.324
0.999	14.758			
3/20/2016 5:15:00 AM	407700.000	61.180	16.895	141.263
1213.924	1436.280	0.727	0.977	823.775
0.999	14.758			
3/20/2016 5:30:00 AM	408600.000	61.178	16.896	141.259
1214.953	1437.452	0.728	0.977	823.077
0.999	14.762			
3/20/2016 5:45:00 AM	409500.000	61.193	16.891	141.292
1210.663	1432.531	0.725	0.974	825.993
0.999	14.767			
3/20/2016 6:00:00 AM	410400.000	61.184	16.891	141.272
1208.983	1430.548	0.724	0.973	827.141
0.999	14.765			
3/20/2016 6:15:00 AM	411300.000	61.208	16.890	141.326



1210.755	1432.678	0.725	0.974	825.931
0.999	14.762			
3/20/2016 6:30:00 AM	412200.000	61.192	16.891	141.291
1211.285	1433.280	0.725	0.975	825.570
0.999	14.759			
3/20/2016 6:45:00 AM	413100.000	61.208	16.893	141.327
1210.343	1432.094	0.725	0.974	826.212
0.999	14.766			
3/20/2016 7:00:00 AM	414000.000	61.198	16.894	141.304
1209.930	1431.582	0.724	0.973	826.494
0.999	14.767			
3/20/2016 7:15:00 AM	414900.000	61.195	16.890	141.298
1211.137	1433.116	0.725	0.975	825.671
0.999	14.766			
3/20/2016 7:30:00 AM	415800.000	61.207	16.893	141.326
1210.322	1432.067	0.725	0.974	826.226
0.999	14.761			
3/20/2016 7:45:00 AM	416700.000	61.222	16.895	141.359
1210.459	1432.167	0.725	0.974	826.133
0.999	14.762			
3/20/2016 8:00:00 AM	417600.000	61.199	16.891	141.307
1213.105	1435.417	0.726	0.976	824.331
0.999	14.771			
3/20/2016 8:15:00 AM	418500.000	61.214	16.892	141.342
1206.953	1428.120	0.723	0.971	828.532
0.999	14.769			
3/20/2016 8:30:00 AM	419400.000	61.211	16.889	141.334
1209.160	1430.808	0.724	0.973	827.020
0.999	14.769			
3/20/2016 8:45:00 AM	420300.000	61.185	16.889	141.274
1223.780	1448.136	0.733	0.985	817.141
0.999	14.770			
3/20/2016 9:00:00 AM	421200.000	61.182	16.887	141.267
1222.122	1446.226	0.732	0.983	818.249
0.999	14.772			
3/20/2016 9:15:00 AM	422100.000	61.179	16.889	141.261
1227.369	1452.360	0.735	0.988	814.751
0.999	14.772			
3/20/2016 9:30:00 AM	423000.000	61.181	16.888	141.265
1229.855	1455.351	0.737	0.990	813.104
0.999	14.767			
3/20/2016 9:45:00 AM	423900.000	61.173	16.890	141.245
1226.700	1451.550	0.735	0.987	815.195
0.999	14.771			
3/20/2016 10:00:00 AM	424800.000	61.166	16.889	141.231
1226.799	1451.700	0.735	0.987	815.130
0.999	14.773			
3/20/2016 10:15:00 AM	425700.000	61.165	16.889	141.228
1225.816	1450.538	0.734	0.986	815.783
0.999	14.767			
3/20/2016 10:30:00 AM	426600.000	61.159	16.888	141.214
1223.883	1448.278	0.733	0.985	817.072
0.999	14.773			
3/20/2016 10:45:00 AM	427500.000	61.167	16.890	141.233
1224.096	1448.462	0.733	0.985	816.929
0.999	14.774			
3/20/2016 11:00:00 AM	428400.000	61.147	16.889	141.186
1222.488	1446.597	0.732	0.984	818.004

0.999	14.770			
3/20/2016 11:15:00 AM	429300.000	61.142	16.891	141.176
1224.042	1448.370	0.733	0.985	816.965
0.999	14.767			
3/20/2016 11:30:00 AM	430200.000	61.146	16.890	141.184
1221.674	1445.584	0.732	0.983	818.549
0.999	14.773			
3/20/2016 11:45:00 AM	431100.000	61.128	16.892	141.143
1220.969	1444.713	0.731	0.982	819.022
0.999	14.770			
3/20/2016 12:00:00 PM	432000.000	61.128	16.891	141.143
1217.453	1440.567	0.729	0.980	821.387
0.999	14.769			
3/20/2016 12:15:00 PM	432900.000	61.118	16.891	141.119
1223.105	1447.269	0.733	0.984	817.591
0.999	14.775			
3/20/2016 12:30:00 PM	433800.000	61.116	16.891	141.115
1219.367	1442.831	0.730	0.981	820.098
0.999	14.774			
3/20/2016 12:45:00 PM	434700.000	61.123	16.890	141.130
1226.958	1451.846	0.735	0.987	815.024
0.999	14.778			
3/20/2016 1:00:00 PM	435600.000	61.107	16.889	141.094
1219.405	1442.948	0.730	0.981	820.072
0.999	14.781			
3/20/2016 1:15:00 PM	436500.000	61.116	16.890	141.114
1221.681	1445.621	0.732	0.983	818.545
0.999	14.773			
3/20/2016 1:30:00 PM	437400.000	61.116	16.890	141.114
1225.288	1449.875	0.734	0.986	816.135
0.999	14.773			
3/20/2016 1:45:00 PM	438300.000	61.112	16.890	141.105
1227.630	1452.655	0.736	0.988	814.578
0.999	14.771			
3/20/2016 2:00:00 PM	439200.000	61.114	16.890	141.110
1224.514	1448.960	0.734	0.985	816.650
0.999	14.771			
3/20/2016 2:15:00 PM	440100.000	61.120	16.889	141.125
1226.335	1451.152	0.735	0.987	815.438
0.999	14.764			
3/20/2016 2:30:00 PM	441000.000	61.116	16.893	141.114
1214.517	1437.036	0.727	0.977	823.373
0.999	14.771			
3/20/2016 2:45:00 PM	441900.000	61.125	16.890	141.135
1222.916	1447.077	0.733	0.984	817.718
0.999	14.766			
3/20/2016 3:00:00 PM	442800.000	61.128	16.888	141.143
1225.561	1450.273	0.734	0.986	815.953
0.999	14.766			
3/20/2016 3:15:00 PM	443700.000	61.132	16.889	141.151
1222.225	1446.282	0.732	0.983	818.180
0.999	14.763			
3/20/2016 3:30:00 PM	444600.000	61.148	16.888	141.190
1229.554	1455.001	0.737	0.989	813.303
0.999	14.764			
3/20/2016 3:45:00 PM	445500.000	61.123	16.889	141.131
1220.265	1443.977	0.731	0.982	819.494
0.999	14.771			

3/20/2016 4:00:00 PM	446400.000	61.134	16.894	141.158
1205.654	1426.504	0.722	0.970	829.426
0.999	14.760			
3/20/2016 4:15:00 PM	447300.000	61.136	16.889	141.162
1216.913	1439.991	0.729	0.979	821.752
0.999	14.764			
3/20/2016 4:30:00 PM	448200.000	61.160	16.889	141.217
1211.547	1433.652	0.726	0.975	825.391
0.999	14.760			
3/20/2016 4:45:00 PM	449100.000	61.142	16.889	141.176
1215.544	1438.385	0.728	0.978	822.677
0.999	14.770			
3/20/2016 5:00:00 PM	450000.000	61.159	16.895	141.214
1210.403	1432.097	0.725	0.974	826.171
0.999	14.767			
3/20/2016 5:15:00 PM	450900.000	61.151	16.892	141.197
1213.317	1435.653	0.727	0.976	824.187
0.999	14.768			
3/20/2016 5:30:00 PM	451800.000	61.160	16.893	141.216
1211.926	1433.981	0.726	0.975	825.133
0.999	14.763			
3/20/2016 5:45:00 PM	452700.000	61.184	16.892	141.272
1206.549	1427.639	0.722	0.971	828.810
0.999	14.761			
3/20/2016 6:00:00 PM	453600.000	61.183	16.893	141.269
1206.460	1427.486	0.722	0.971	828.871
0.999	14.763			
3/20/2016 6:15:00 PM	454500.000	61.185	16.896	141.275
1205.558	1426.334	0.722	0.970	829.492
0.999	14.764			
3/20/2016 6:30:00 PM	455400.000	61.183	16.893	141.271
1205.127	1425.911	0.721	0.970	829.788
0.999	14.767			
3/20/2016 6:45:00 PM	456300.000	61.173	16.894	141.247
1210.288	1431.990	0.725	0.974	826.250
0.999	14.769			
3/20/2016 7:00:00 PM	457200.000	61.178	16.893	141.259
1205.389	1426.216	0.722	0.970	829.608
0.999	14.769			
3/20/2016 7:15:00 PM	458100.000	61.171	16.890	141.242
1206.450	1427.595	0.722	0.971	828.878
0.999	14.774			
3/20/2016 7:30:00 PM	459000.000	61.185	16.892	141.275
1217.041	1440.063	0.729	0.979	821.665
0.999	14.768			
3/20/2016 7:45:00 PM	459900.000	61.188	16.893	141.281
1207.604	1428.852	0.723	0.972	828.086
0.999	14.768			
3/20/2016 8:00:00 PM	460800.000	61.189	16.892	141.284
1208.483	1429.927	0.724	0.972	827.484
0.999	14.770			
3/20/2016 8:15:00 PM	461700.000	61.186	16.890	141.277
1208.704	1430.263	0.724	0.973	827.333
0.999	14.775			
3/20/2016 8:30:00 PM	462600.000	61.175	16.893	141.252
1212.899	1435.113	0.726	0.976	824.471
0.999	14.784			
3/20/2016 8:45:00 PM	463500.000	61.210	16.892	141.331

1208.572	1430.030	0.724	0.972	827.423
0.999	14.774			
3/20/2016 9:00:00 PM	464400.000	61.194	16.893	141.294
1206.022	1426.967	0.722	0.970	829.172
0.999	14.776			
3/20/2016 9:15:00 PM	465300.000	61.197	16.895	141.301
1204.935	1425.620	0.721	0.969	829.920
0.999	14.775			
3/20/2016 9:30:00 PM	466200.000	61.201	16.895	141.311
1207.044	1428.141	0.723	0.971	828.470
0.999	14.771			
3/20/2016 9:45:00 PM	467100.000	61.209	16.895	141.329
1207.228	1428.329	0.723	0.971	828.344
0.999	14.767			
3/20/2016 10:00:00 PM	468000.000	61.208	16.894	141.328
1206.382	1427.379	0.722	0.971	828.925
0.999	14.773			
3/20/2016 10:15:00 PM	468900.000	61.212	16.895	141.337
1204.333	1424.930	0.721	0.969	830.335
0.999	14.774			
3/20/2016 10:30:00 PM	469800.000	61.209	16.891	141.331
1205.060	1425.892	0.721	0.970	829.834
0.999	14.776			
3/20/2016 10:45:00 PM	470700.000	61.232	16.894	141.383
1206.580	1427.605	0.722	0.971	828.789
0.999	14.779			
3/20/2016 11:00:00 PM	471600.000	61.218	16.893	141.352
1208.617	1430.061	0.724	0.972	827.392
0.999	14.779			
3/20/2016 11:15:00 PM	472500.000	61.222	16.893	141.360
1207.284	1428.459	0.723	0.971	828.305
0.999	14.781			
3/20/2016 11:30:00 PM	473400.000	61.220	16.894	141.355
1206.519	1427.550	0.722	0.971	828.831
0.999	14.782			
3/20/2016 11:45:00 PM	474300.000	61.242	16.891	141.405
1206.200	1427.261	0.722	0.971	829.050
0.999	14.782			
3/21/2016 12:00:00 AM	475200.000	61.228	16.895	141.374
1208.284	1429.593	0.723	0.972	827.620
0.999	14.779			
3/21/2016 12:15:00 AM	476100.000	61.233	16.894	141.386
1207.172	1428.320	0.723	0.971	828.382
0.999	14.775			
3/21/2016 12:30:00 AM	477000.000	61.236	16.893	141.392
1208.613	1430.053	0.724	0.972	827.395
0.999	14.777			
3/21/2016 12:45:00 AM	477900.000	61.262	16.893	141.451
1209.050	1430.558	0.724	0.973	827.096
0.999	14.768			
3/21/2016 1:00:00 AM	478800.000	61.238	16.890	141.397
1206.269	1427.367	0.722	0.971	829.003
0.999	14.780			
3/21/2016 1:15:00 AM	479700.000	61.247	16.892	141.418
1206.466	1427.524	0.722	0.971	828.867
0.999	14.774			
3/21/2016 1:30:00 AM	480600.000	61.266	16.893	141.462
1206.497	1427.555	0.722	0.971	828.846

0.999	14.778			
3/21/2016 1:45:00 AM	481500.000	61.252	16.894	141.429
1209.814	1431.432	0.724	0.973	826.573
0.999	14.781			
3/21/2016 2:00:00 AM	482400.000	61.248	16.893	141.419
1205.940	1426.882	0.722	0.970	829.229
0.999	14.787			
3/21/2016 2:15:00 AM	483300.000	61.254	16.894	141.434
1204.000	1424.555	0.721	0.969	830.565
0.999	14.785			
3/21/2016 2:30:00 AM	484200.000	61.277	16.894	141.486
1204.190	1424.768	0.721	0.969	830.434
0.999	14.783			
3/21/2016 2:45:00 AM	485100.000	61.265	16.894	141.459
1209.552	1431.133	0.724	0.973	826.753
0.999	14.779			
3/21/2016 3:00:00 AM	486000.000	61.287	16.891	141.510
1209.833	1431.545	0.724	0.973	826.560
0.999	14.781			
3/21/2016 3:15:00 AM	486900.000	61.267	16.890	141.463
1210.321	1432.168	0.725	0.974	826.227
0.999	14.781			
3/21/2016 3:30:00 AM	487800.000	61.269	16.894	141.468
1206.849	1427.915	0.722	0.971	828.604
0.999	14.787			
3/21/2016 3:45:00 AM	488700.000	61.275	16.892	141.482
1206.147	1427.155	0.722	0.970	829.086
0.999	14.783			
3/21/2016 4:00:00 AM	489600.000	61.299	16.890	141.536
1209.707	1431.432	0.724	0.973	826.647
0.999	14.778			
3/21/2016 4:15:00 AM	490500.000	61.279	16.889	141.492
1208.470	1429.992	0.724	0.972	827.492
0.999	14.783			
3/21/2016 4:30:00 AM	491400.000	61.287	16.890	141.510
1209.075	1430.691	0.724	0.973	827.078
0.999	14.784			
3/21/2016 4:45:00 AM	492300.000	61.288	16.893	141.511
1207.487	1428.726	0.723	0.972	828.167
0.999	14.783			
3/21/2016 5:00:00 AM	493200.000	61.294	16.892	141.526
1205.606	1426.526	0.722	0.970	829.458
0.999	14.786			
3/21/2016 5:15:00 AM	494100.000	61.296	16.893	141.531
1204.891	1425.652	0.721	0.969	829.951
0.999	14.784			
3/21/2016 5:30:00 AM	495000.000	61.321	16.894	141.588
1203.406	1423.861	0.720	0.968	830.975
0.999	14.780			
3/21/2016 5:45:00 AM	495900.000	61.299	16.894	141.538
1205.404	1426.228	0.722	0.970	829.597
0.999	14.790			
3/21/2016 6:00:00 AM	496800.000	61.330	16.892	141.610
1204.794	1425.575	0.721	0.969	830.017
0.999	14.779			
3/21/2016 6:15:00 AM	497700.000	61.312	16.894	141.567
1207.347	1428.515	0.723	0.971	828.262
0.999	14.785			

3/21/2016 6:30:00 AM	498600.000	61.329	16.895	141.607
1208.659	1430.023	0.724	0.972	827.363
0.999	14.789			
3/21/2016 6:45:00 AM	499500.000	61.317	16.895	141.578
1209.202	1430.674	0.724	0.973	826.992
0.999	14.787			
3/21/2016 7:00:00 AM	500400.000	61.317	16.893	141.580
1209.395	1430.964	0.724	0.973	826.860
0.999	14.784			
3/21/2016 7:15:00 AM	501300.000	61.323	16.895	141.593
1209.571	1431.116	0.724	0.973	826.739
0.999	14.785			
3/21/2016 7:30:00 AM	502200.000	61.343	16.894	141.639
1208.299	1429.634	0.723	0.972	827.610
0.999	14.786			
3/21/2016 7:45:00 AM	503100.000	61.341	16.894	141.633
1206.570	1427.604	0.722	0.971	828.796
0.999	14.790			
3/21/2016 8:00:00 AM	504000.000	61.339	16.892	141.629
1202.377	1422.706	0.720	0.967	831.686
0.999	14.794			
3/21/2016 8:15:00 AM	504900.000	61.339	16.891	141.630
1202.892	1423.327	0.720	0.968	831.330
0.999	14.793			
3/21/2016 8:30:00 AM	505800.000	61.320	16.891	141.585
1209.455	1431.101	0.724	0.973	826.819
0.999	14.787			
3/21/2016 8:45:00 AM	506700.000	61.318	16.890	141.581
1207.889	1429.287	0.723	0.972	827.891
0.999	14.797			
3/21/2016 9:00:00 AM	507600.000	61.331	16.889	141.611
1216.250	1439.209	0.728	0.979	822.199
0.999	14.798			
3/21/2016 9:15:00 AM	508500.000	61.307	16.889	141.557
1222.403	1446.496	0.732	0.984	818.061
0.999	14.798			
3/21/2016 9:30:00 AM	509400.000	61.300	16.887	141.539
1226.455	1451.363	0.735	0.987	815.358
0.999	14.800			
3/21/2016 9:45:00 AM	510300.000	61.292	16.888	141.521
1221.576	1445.554	0.732	0.983	818.615
0.999	14.799			
3/21/2016 10:00:00 AM	511200.000	61.305	16.890	141.552
1220.159	1443.812	0.731	0.982	819.565
0.999	14.800			
3/21/2016 10:15:00 AM	512100.000	61.275	16.891	141.482
1220.057	1443.668	0.731	0.982	819.634
0.999	14.805			
3/21/2016 10:30:00 AM	513000.000	61.271	16.889	141.472
1227.233	1452.222	0.735	0.988	814.841
0.999	14.800			
3/21/2016 10:45:00 AM	513900.000	61.270	16.890	141.471
1227.538	1452.546	0.736	0.988	814.639
0.999	14.799			
3/21/2016 11:00:00 AM	514800.000	61.255	16.890	141.436
1224.864	1449.362	0.734	0.986	816.417
0.999	14.807			
3/21/2016 11:15:00 AM	515700.000	61.268	16.893	141.466

1212.507	1434.653	0.726	0.976	824.737
0.999	14.802			
3/21/2016 11:30:00 AM	516600.000	61.239	16.891	141.398
1205.657	1426.607	0.722	0.970	829.423
0.999	14.806			
3/21/2016 11:45:00 AM	517500.000	61.233	16.891	141.384
1203.796	1424.396	0.721	0.969	830.706
0.999	14.802			
3/21/2016 12:00:00 PM	518400.000	61.229	16.891	141.377
1206.745	1427.886	0.722	0.971	828.675
0.999	14.803			
3/21/2016 12:15:00 PM	519300.000	61.222	16.892	141.361
1212.434	1434.592	0.726	0.976	824.787
0.999	14.801			
3/21/2016 12:30:00 PM	520200.000	61.190	16.888	141.286
1213.537	1436.033	0.727	0.977	824.038
0.999	14.800			
3/21/2016 12:45:00 PM	521100.000	61.196	16.892	141.299
1215.063	1437.711	0.728	0.978	823.002
0.999	14.796			
3/21/2016 1:00:00 PM	522000.000	61.172	16.894	141.245
1221.770	1445.595	0.732	0.983	818.485
0.999	14.787			
3/21/2016 1:15:00 PM	522900.000	61.159	16.891	141.215
1220.193	1443.807	0.731	0.982	819.542
0.999	14.789			
3/21/2016 1:30:00 PM	523800.000	61.145	16.894	141.182
1217.735	1440.813	0.729	0.980	821.196
0.999	14.790			
3/21/2016 1:45:00 PM	524700.000	61.146	16.893	141.185
1207.711	1428.968	0.723	0.972	828.013
0.999	14.779			
3/21/2016 2:00:00 PM	525600.000	61.125	16.893	141.137
1207.091	1428.258	0.723	0.971	828.438
0.999	14.787			
3/21/2016 2:15:00 PM	526500.000	61.130	16.894	141.148
1206.304	1427.296	0.722	0.971	828.978
0.999	14.784			
3/21/2016 2:30:00 PM	527400.000	61.130	16.893	141.147
1205.412	1426.249	0.722	0.970	829.592
0.999	14.776			
3/21/2016 2:45:00 PM	528300.000	61.119	16.887	141.121
1206.208	1427.382	0.722	0.971	829.045
0.999	14.776			
3/21/2016 3:00:00 PM	529200.000	61.092	16.892	141.059
1214.000	1436.450	0.727	0.977	823.723
0.999	14.776			
3/21/2016 3:15:00 PM	530100.000	61.096	16.895	141.068
1210.820	1432.597	0.725	0.974	825.886
0.999	14.776			
3/21/2016 3:30:00 PM	531000.000	61.104	16.891	141.087
1211.460	1433.476	0.725	0.975	825.450
0.999	14.764			
3/21/2016 3:45:00 PM	531900.000	61.077	16.892	141.024
1212.939	1435.183	0.726	0.976	824.444
0.999	14.769			
3/21/2016 4:00:00 PM	532800.000	61.068	16.892	141.005
1213.852	1436.269	0.727	0.977	823.824

0.999	14.774			
3/21/2016 4:15:00 PM	533700.000	61.083	16.891	141.040
1212.376	1434.557	0.726	0.975	824.827
0.999	14.771			
3/21/2016 4:30:00 PM	534600.000	61.059	16.891	140.983
1221.557	1445.437	0.732	0.983	818.627
0.999	14.773			
3/21/2016 4:45:00 PM	535500.000	61.086	16.892	141.046
1213.486	1435.834	0.727	0.976	824.072
0.999	14.765			
3/21/2016 5:00:00 PM	536400.000	61.087	16.889	141.048
1212.058	1434.246	0.726	0.975	825.043
0.999	14.770			
3/21/2016 5:15:00 PM	537300.000	61.068	16.892	141.005
1213.755	1436.163	0.727	0.977	823.889
0.999	14.773			
3/21/2016 5:30:00 PM	538200.000	61.083	16.892	141.038
1217.781	1440.930	0.729	0.980	821.166
0.999	14.779			
3/21/2016 5:45:00 PM	539100.000	61.067	16.887	141.002
1217.929	1441.268	0.730	0.980	821.066
0.999	14.777			
3/21/2016 6:00:00 PM	540000.000	61.081	16.894	141.035
1216.901	1439.811	0.729	0.979	821.760
0.999	14.776			
3/21/2016 6:15:00 PM	540900.000	61.065	16.893	140.998
1208.165	1429.526	0.723	0.972	827.701
0.999	14.773			
3/21/2016 6:30:00 PM	541800.000	61.069	16.892	141.006
1208.300	1429.694	0.723	0.972	827.609
0.999	14.774			
3/21/2016 6:45:00 PM	542700.000	61.065	16.891	140.996
1215.579	1438.356	0.728	0.978	822.653
0.999	14.778			
3/21/2016 7:00:00 PM	543600.000	61.069	16.893	141.006
1214.892	1437.476	0.728	0.977	823.119
0.999	14.772			
3/21/2016 7:15:00 PM	544500.000	61.095	16.894	141.067
1209.247	1430.767	0.724	0.973	826.961
0.999	14.772			
3/21/2016 7:30:00 PM	545400.000	61.079	16.889	141.030
1219.126	1442.632	0.730	0.981	820.260
0.999	14.773			
3/21/2016 7:45:00 PM	546300.000	61.069	16.892	141.007
1215.642	1438.401	0.728	0.978	822.611
0.999	14.779			
3/21/2016 8:00:00 PM	547200.000	61.084	16.896	141.042
1212.041	1433.996	0.726	0.975	825.055
0.999	14.770			
3/21/2016 8:15:00 PM	548100.000	61.080	16.889	141.033
1214.760	1437.464	0.728	0.977	823.208
0.999	14.778			
3/21/2016 8:30:00 PM	549000.000	61.086	16.892	141.047
1218.596	1441.877	0.730	0.980	820.616
0.999	14.774			
3/21/2016 8:45:00 PM	549900.000	61.089	16.892	141.053
1213.642	1436.035	0.727	0.977	823.966
0.999	14.778			



3/21/2016 9:00:00 PM	550800.000	61.089	16.895	141.052
1211.244	1433.095	0.725	0.975	825.598
0.999	14.784			
3/21/2016 9:15:00 PM	551700.000	61.086	16.891	141.045
1209.125	1430.732	0.724	0.973	827.045
0.999	14.789			
3/21/2016 9:30:00 PM	552600.000	61.101	16.893	141.080
1210.724	1432.531	0.725	0.974	825.952
0.999	14.792			
3/21/2016 9:45:00 PM	553500.000	61.086	16.895	141.047
1208.081	1429.362	0.723	0.972	827.759
0.999	14.793			
3/21/2016 10:00:00 PM	554400.000	61.083	16.890	141.039
1210.989	1432.946	0.725	0.974	825.771
0.999	14.796			
3/21/2016 10:15:00 PM	555300.000	61.089	16.891	141.052
1214.500	1437.085	0.727	0.977	823.384
0.999	14.802			
3/21/2016 10:30:00 PM	556200.000	61.097	16.892	141.071
1212.244	1434.380	0.726	0.975	824.917
0.999	14.799			
3/21/2016 10:45:00 PM	557100.000	61.090	16.894	141.055
1212.664	1434.812	0.726	0.976	824.631
0.999	14.802			
3/21/2016 11:00:00 PM	558000.000	61.098	16.900	141.074
1206.798	1427.688	0.722	0.971	828.639
0.999	14.799			
3/21/2016 11:15:00 PM	558900.000	61.101	16.895	141.080
1206.543	1427.528	0.722	0.971	828.814
0.999	14.799			
3/21/2016 11:30:00 PM	559800.000	61.096	16.894	141.070
1210.867	1432.692	0.725	0.974	825.854
0.999	14.808			
3/21/2016 11:45:00 PM	560700.000	61.099	16.896	141.075
1207.711	1428.898	0.723	0.972	828.012
0.999	14.804			
3/22/2016 12:00:00 AM	561600.000	61.120	16.891	141.123
1206.095	1427.125	0.722	0.970	829.122
0.999	14.803			
3/22/2016 12:15:00 AM	562500.000	61.109	16.894	141.099
1211.022	1432.852	0.725	0.974	825.749
0.999	14.801			
3/22/2016 12:30:00 AM	563400.000	61.101	16.895	141.080
1207.959	1429.217	0.723	0.972	827.843
0.999	14.807			
3/22/2016 12:45:00 AM	564300.000	61.104	16.889	141.088
1210.154	1432.005	0.725	0.974	826.341
0.999	14.809			
3/22/2016 1:00:00 AM	565200.000	61.103	16.889	141.085
1220.485	1444.234	0.731	0.982	819.347
0.999	14.810			
3/22/2016 1:15:00 AM	566100.000	61.106	16.894	141.093
1219.198	1442.538	0.730	0.981	820.211
0.999	14.813			
3/22/2016 1:30:00 AM	567000.000	61.111	16.892	141.103
1208.548	1429.996	0.724	0.972	827.439
0.999	14.810			
3/22/2016 1:45:00 AM	567900.000	61.111	16.889	141.104

1227.149	1452.115	0.735	0.987	814.897
0.999	14.809			
3/22/2016 2:00:00 AM	568800.000	61.110	16.891	141.102
1210.822	1432.715	0.725	0.974	825.885
0.999	14.813			
3/22/2016 2:15:00 AM	569700.000	61.114	16.897	141.111
1208.672	1429.973	0.724	0.972	827.354
0.999	14.813			
3/22/2016 2:30:00 AM	570600.000	61.130	16.889	141.148
1209.770	1431.530	0.724	0.973	826.603
0.999	14.812			
3/22/2016 2:45:00 AM	571500.000	61.120	16.894	141.124
1207.820	1429.072	0.723	0.972	827.938
0.999	14.811			
3/22/2016 3:00:00 AM	572400.000	61.142	16.894	141.174
1211.176	1433.060	0.725	0.974	825.644
0.999	14.811			
3/22/2016 3:15:00 AM	573300.000	61.133	16.894	141.155
1207.888	1429.153	0.723	0.972	827.891
0.999	14.802			
3/22/2016 3:30:00 AM	574200.000	61.130	16.888	141.148
1219.534	1443.117	0.731	0.981	819.986
0.999	14.807			
3/22/2016 3:45:00 AM	575100.000	61.132	16.890	141.153
1221.796	1445.752	0.732	0.983	818.467
0.999	14.808			
3/22/2016 4:00:00 AM	576000.000	61.135	16.892	141.158
1223.359	1447.513	0.733	0.984	817.421
0.999	14.809			
3/22/2016 4:15:00 AM	576900.000	61.129	16.890	141.145
1225.374	1449.985	0.734	0.986	816.077
0.999	14.817			
3/22/2016 4:30:00 AM	577800.000	61.138	16.890	141.166
1223.147	1447.337	0.733	0.984	817.563
0.999	14.811			
3/22/2016 4:45:00 AM	578700.000	61.146	16.891	141.184
1221.093	1444.863	0.731	0.983	818.939
0.999	14.806			
3/22/2016 5:00:00 AM	579600.000	61.152	16.892	141.198
1211.088	1433.016	0.725	0.974	825.704
0.999	14.806			
3/22/2016 5:15:00 AM	580500.000	61.151	16.893	141.196
1223.573	1447.757	0.733	0.984	817.279
0.999	14.810			
3/22/2016 5:30:00 AM	581400.000	61.168	16.892	141.235
1226.775	1451.580	0.735	0.987	815.145
0.999	14.816			
3/22/2016 5:45:00 AM	582300.000	61.178	16.894	141.257
1212.950	1435.137	0.726	0.976	824.436
0.999	14.811			
3/22/2016 6:00:00 AM	583200.000	61.158	16.893	141.211
1203.853	1424.402	0.721	0.969	830.666
0.999	14.819			
3/22/2016 6:15:00 AM	584100.000	61.174	16.894	141.249
1209.271	1430.793	0.724	0.973	826.944
0.999	14.825			
3/22/2016 6:30:00 AM	585000.000	61.184	16.890	141.271
1216.592	1439.594	0.729	0.979	821.968

0.999	14.821			
3/22/2016 6:45:00 AM	585900.000	61.167	16.896	141.234
1215.532	1438.132	0.728	0.978	822.685
0.999	14.825			
3/22/2016 7:00:00 AM	586800.000	61.182	16.892	141.266
1209.679	1431.349	0.724	0.973	826.665
0.999	14.833			
3/22/2016 7:15:00 AM	587700.000	61.199	16.894	141.307
1216.706	1439.577	0.729	0.979	821.892
0.999	14.822			
3/22/2016 7:30:00 AM	588600.000	61.180	16.896	141.263
1211.028	1432.814	0.725	0.974	825.745
0.999	14.828			
3/22/2016 7:45:00 AM	589500.000	61.175	16.891	141.251
1212.882	1435.156	0.726	0.976	824.482
0.999	14.840			
3/22/2016 8:00:00 AM	590400.000	61.193	16.892	141.292
1216.291	1439.172	0.728	0.979	822.172
0.999	14.830			
3/22/2016 8:15:00 AM	591300.000	61.198	16.895	141.304
1214.089	1436.467	0.727	0.977	823.663
0.999	14.839			
3/22/2016 8:30:00 AM	592200.000	61.183	16.890	141.269
1210.280	1432.102	0.725	0.974	826.255
0.999	14.847			
3/22/2016 8:45:00 AM	593100.000	61.189	16.892	141.284
1210.007	1431.731	0.724	0.974	826.442
0.999	14.845			
3/22/2016 9:00:00 AM	594000.000	61.193	16.894	141.292
1211.398	1433.315	0.725	0.975	825.492
0.999	14.847			
3/22/2016 9:15:00 AM	594900.000	61.204	16.892	141.318
1208.782	1430.273	0.724	0.973	827.279
0.999	14.844			
3/22/2016 9:30:00 AM	595800.000	61.200	16.893	141.309
1208.801	1430.259	0.724	0.973	827.266
0.999	14.853			
3/22/2016 9:45:00 AM	596700.000	61.221	16.894	141.357
1208.155	1429.460	0.723	0.972	827.708
0.999	14.854			
3/22/2016 10:00:00 AM	597600.000	61.206	16.890	141.323
1218.791	1442.185	0.730	0.981	820.485
0.999	14.855			
3/22/2016 10:15:00 AM	598500.000	61.204	16.892	141.319
1217.290	1440.343	0.729	0.979	821.497
0.999	14.862			
3/22/2016 10:30:00 AM	599400.000	61.213	16.893	141.339
1211.633	1433.618	0.725	0.975	825.333
0.999	14.857			
3/22/2016 10:45:00 AM	600300.000	61.230	16.896	141.378
1211.231	1433.063	0.725	0.974	825.606
0.999	14.860			
3/22/2016 11:00:00 AM	601200.000	61.229	16.892	141.375
1208.153	1429.529	0.723	0.972	827.710
0.999	14.862			
3/22/2016 11:15:00 AM	602100.000	61.216	16.891	141.346
1219.239	1442.669	0.730	0.981	820.184
0.999	14.858			

3/22/2016 11:30:00 AM	603000.000	61.217	16.893	141.348
1219.345	1442.737	0.730	0.981	820.112
0.999	14.860			
3/22/2016 11:45:00 AM	603900.000	61.219	16.892	141.352
1212.282	1434.414	0.726	0.975	824.891
0.999	14.861			
3/22/2016 12:00:00 PM	604800.000	61.218	16.892	141.350
1215.262	1437.941	0.728	0.978	822.868
0.999	14.862			
3/22/2016 12:15:00 PM	605700.000	61.231	16.889	141.381
1213.898	1436.417	0.727	0.977	823.793
0.999	14.866			
3/22/2016 12:30:00 PM	606600.000	61.222	16.893	141.359
1217.415	1440.468	0.729	0.980	821.412
0.999	14.857			
3/22/2016 12:45:00 PM	607500.000	61.212	16.893	141.337
1212.245	1434.359	0.726	0.975	824.916
0.999	14.862			
3/22/2016 1:00:00 PM	608400.000	61.228	16.896	141.373
1206.748	1427.730	0.722	0.971	828.673
0.999	14.870			
3/22/2016 1:15:00 PM	609300.000	61.237	16.889	141.394
1215.412	1438.221	0.728	0.978	822.766
0.999	14.858			
3/22/2016 1:30:00 PM	610200.000	61.222	16.892	141.361
1214.326	1436.833	0.727	0.977	823.502
0.999	14.853			
3/22/2016 1:45:00 PM	611100.000	61.222	16.892	141.360
1216.757	1439.709	0.729	0.979	821.857
0.999	14.855			
3/22/2016 2:00:00 PM	612000.000	61.224	16.890	141.365
1217.621	1440.803	0.729	0.980	821.274
0.999	14.849			
3/22/2016 2:15:00 PM	612900.000	61.224	16.893	141.363
1223.179	1447.265	0.733	0.984	817.542
0.999	14.850			
3/22/2016 2:30:00 PM	613800.000	61.227	16.888	141.371
1214.552	1437.242	0.727	0.977	823.349
0.999	14.846			
3/22/2016 2:45:00 PM	614700.000	61.244	16.887	141.410
1222.005	1446.086	0.732	0.983	818.327
0.999	14.845			
3/22/2016 3:00:00 PM	615600.000	61.233	16.897	141.384
1215.657	1438.254	0.728	0.978	822.600
0.999	14.843			
3/22/2016 3:15:00 PM	616500.000	61.246	16.895	141.416
1211.637	1433.560	0.725	0.975	825.330
0.999	14.845			
3/22/2016 3:30:00 PM	617400.000	61.230	16.892	141.379
1212.861	1435.120	0.726	0.976	824.496
0.999	14.837			
3/22/2016 3:45:00 PM	618300.000	61.229	16.892	141.377
1214.633	1437.213	0.727	0.977	823.294
0.999	14.838			
3/22/2016 4:00:00 PM	619200.000	61.228	16.891	141.372
1211.783	1433.855	0.726	0.975	825.230
0.999	14.838			
3/22/2016 4:15:00 PM	620100.000	61.234	16.888	141.388

1221.330	1445.263	0.732	0.983	818.780
0.999	14.830			
3/22/2016 4:30:00 PM	621000.000	61.240	16.891	141.401
1217.165	1440.215	0.729	0.979	821.582
0.999	14.835			
3/22/2016 4:45:00 PM	621900.000	61.220	16.889	141.355
1213.913	1436.444	0.727	0.977	823.782
0.999	14.833			
3/22/2016 5:00:00 PM	622800.000	61.216	16.890	141.347
1218.891	1442.291	0.730	0.981	820.418
0.999	14.835			
3/22/2016 5:15:00 PM	623700.000	61.229	16.893	141.375
1210.820	1432.644	0.725	0.974	825.887
0.999	14.835			
3/22/2016 5:30:00 PM	624600.000	61.227	16.893	141.372
1213.937	1436.350	0.727	0.977	823.766
0.999	14.832			
3/22/2016 5:45:00 PM	625500.000	61.229	16.892	141.376
1217.662	1440.792	0.729	0.980	821.246
0.999	14.830			
3/22/2016 6:00:00 PM	626400.000	61.220	16.888	141.354
1213.875	1436.427	0.727	0.977	823.808
0.999	14.838			
3/22/2016 6:15:00 PM	627300.000	61.208	16.892	141.326
1214.403	1436.938	0.727	0.977	823.450
0.999	14.834			
3/22/2016 6:30:00 PM	628200.000	61.215	16.890	141.342
1214.269	1436.843	0.727	0.977	823.541
0.999	14.833			
3/22/2016 6:45:00 PM	629100.000	61.216	16.889	141.346
1219.380	1442.924	0.730	0.981	820.089
0.999	14.834			
3/22/2016 7:00:00 PM	630000.000	61.217	16.894	141.349
1216.244	1439.042	0.728	0.979	822.204
0.999	14.837			
3/22/2016 7:15:00 PM	630900.000	61.241	16.893	141.403
1210.722	1432.540	0.725	0.974	825.953
0.999	14.830			
3/22/2016 7:30:00 PM	631800.000	61.236	16.894	141.391
1213.342	1435.606	0.727	0.976	824.170
0.999	14.839			
3/22/2016 7:45:00 PM	632700.000	61.238	16.893	141.397
1212.511	1434.643	0.726	0.976	824.735
0.999	14.839			
3/22/2016 8:00:00 PM	633600.000	61.238	16.891	141.397
1211.664	1433.731	0.726	0.975	825.312
0.999	14.843			
3/22/2016 8:15:00 PM	634500.000	61.224	16.894	141.364
1213.561	1435.876	0.727	0.976	824.021
0.999	14.845			
3/22/2016 8:30:00 PM	635400.000	61.224	16.892	141.364
1210.662	1432.492	0.725	0.974	825.994
0.999	14.847			
3/22/2016 8:45:00 PM	636300.000	61.218	16.891	141.350
1216.873	1439.878	0.729	0.979	821.778
0.999	14.855			
3/22/2016 9:00:00 PM	637200.000	61.231	16.891	141.381
1214.725	1437.350	0.727	0.977	823.232

0.999	14.844			
3/22/2016 9:15:00 PM	638100.000	61.222	16.891	141.359
1215.530	1438.291	0.728	0.978	822.686
0.999	14.855			
3/22/2016 9:30:00 PM	639000.000	61.230	16.890	141.379
1220.418	1444.113	0.731	0.982	819.391
0.999	14.852			
3/22/2016 9:45:00 PM	639900.000	61.235	16.893	141.389
1212.322	1434.441	0.726	0.975	824.864
0.999	14.853			
3/22/2016 10:00:00 PM	640800.000	61.239	16.888	141.399
1220.549	1444.336	0.731	0.982	819.304
0.999	14.863			
3/22/2016 10:15:00 PM	641700.000	61.238	16.892	141.397
1220.822	1444.521	0.731	0.982	819.120
0.999	14.865			
3/22/2016 10:30:00 PM	642600.000	61.227	16.892	141.372
1216.876	1439.842	0.729	0.979	821.776
0.999	14.861			
3/22/2016 10:45:00 PM	643500.000	61.239	16.894	141.398
1213.476	1435.767	0.727	0.976	824.079
0.999	14.854			
3/22/2016 11:00:00 PM	644400.000	61.250	16.889	141.425
1217.731	1440.982	0.729	0.980	821.199
0.999	14.858			
3/22/2016 11:15:00 PM	645300.000	61.251	16.897	141.427
1209.945	1431.499	0.724	0.973	826.484
0.999	14.858			
3/22/2016 11:30:00 PM	646200.000	61.235	16.892	141.389
1214.490	1437.035	0.727	0.977	823.391
0.999	14.855			
3/22/2016 11:45:00 PM	647100.000	61.248	16.896	141.420
1208.956	1430.351	0.724	0.973	827.160
0.999	14.862			
3/23/2016 12:00:00 AM	648000.000	61.235	16.894	141.391
1204.041	1424.613	0.721	0.969	830.536
0.999	14.859			
3/23/2016 12:15:00 AM	648900.000	61.231	16.892	141.382
1202.736	1423.122	0.720	0.968	831.438
0.999	14.861			
3/23/2016 12:30:00 AM	649800.000	61.240	16.893	141.401
1205.176	1425.973	0.721	0.970	829.754
0.999	14.857			
3/23/2016 12:45:00 AM	650700.000	61.230	16.894	141.378
1207.041	1428.154	0.723	0.971	828.472
0.999	14.863			
3/23/2016 1:00:00 AM	651600.000	61.249	16.894	141.422
1208.198	1429.536	0.723	0.972	827.679
0.999	14.854			
3/23/2016 1:15:00 AM	652500.000	61.245	16.894	141.412
1210.049	1431.701	0.724	0.974	826.413
0.999	14.858			
3/23/2016 1:30:00 AM	653400.000	61.248	16.891	141.419
1206.856	1428.017	0.723	0.971	828.599
0.999	14.853			
3/23/2016 1:45:00 AM	654300.000	61.252	16.891	141.428
1211.590	1433.619	0.725	0.975	825.362
0.999	14.857			

3/23/2016 2:00:00 AM	655200.000	61.251	16.894	141.426
1209.237	1430.762	0.724	0.973	826.968
0.999	14.854			
3/23/2016 2:15:00 AM	656100.000	61.256	16.891	141.439
1214.161	1436.686	0.727	0.977	823.614
0.999	14.855			
3/23/2016 2:30:00 AM	657000.000	61.283	16.892	141.499
1210.229	1432.000	0.725	0.974	826.290
0.999	14.851			
3/23/2016 2:45:00 AM	657900.000	61.264	16.889	141.456
1203.272	1423.846	0.720	0.968	831.067
0.999	14.853			
3/23/2016 3:00:00 AM	658800.000	61.268	16.893	141.465
1209.613	1431.239	0.724	0.973	826.711
0.999	14.852			
3/23/2016 3:15:00 AM	659700.000	61.284	16.893	141.502
1208.758	1430.222	0.724	0.973	827.295
0.999	14.848			
3/23/2016 3:30:00 AM	660600.000	61.271	16.893	141.472
1212.216	1434.294	0.726	0.975	824.935
0.999	14.851			
3/23/2016 3:45:00 AM	661500.000	61.287	16.895	141.510
1206.585	1427.597	0.722	0.971	828.786
0.999	14.847			
3/23/2016 4:00:00 AM	662400.000	61.294	16.891	141.527
1203.282	1423.808	0.720	0.968	831.060
0.999	14.846			
3/23/2016 4:15:00 AM	663300.000	61.299	16.892	141.537
1212.519	1434.711	0.726	0.976	824.730
0.999	14.844			
3/23/2016 4:30:00 AM	664200.000	61.286	16.893	141.506
1212.709	1434.878	0.726	0.976	824.600
0.999	14.844			
3/23/2016 4:45:00 AM	665100.000	61.307	16.895	141.556
1212.602	1434.699	0.726	0.976	824.673
0.999	14.843			
3/23/2016 5:00:00 AM	666000.000	61.288	16.895	141.513
1210.906	1432.701	0.725	0.974	825.828
0.999	14.849			
3/23/2016 5:15:00 AM	666900.000	61.295	16.893	141.528
1210.353	1432.109	0.725	0.974	826.206
0.999	14.845			
3/23/2016 5:30:00 AM	667800.000	61.300	16.893	141.539
1209.773	1431.420	0.724	0.973	826.601
0.999	14.843			
3/23/2016 5:45:00 AM	668700.000	61.296	16.891	141.530
1210.880	1432.779	0.725	0.974	825.845
0.999	14.850			
3/23/2016 6:00:00 AM	669600.000	61.305	16.891	141.552
1212.360	1434.540	0.726	0.975	824.838
0.999	14.849			
3/23/2016 6:15:00 AM	670500.000	61.322	16.890	141.590
1212.059	1434.230	0.726	0.975	825.043
0.999	14.853			
3/23/2016 6:30:00 AM	671400.000	61.333	16.894	141.615
1210.223	1431.907	0.725	0.974	826.294
0.999	14.846			
3/23/2016 6:45:00 AM	672300.000	61.313	16.894	141.570

1209.872	1431.518	0.724	0.973	826.534
0.999	14.852			
3/23/2016 7:00:00 AM	673200.000	61.315	16.890	141.575
1214.747	1437.410	0.727	0.977	823.217
0.999	14.858			
3/23/2016 7:15:00 AM	674100.000	61.334	16.891	141.617
1216.714	1439.713	0.729	0.979	821.885
0.999	14.857			
3/23/2016 7:30:00 AM	675000.000	61.329	16.890	141.607
1215.554	1438.342	0.728	0.978	822.670
0.999	14.862			
3/23/2016 7:45:00 AM	675900.000	61.336	16.894	141.622
1211.164	1433.046	0.725	0.974	825.652
0.999	14.862			
3/23/2016 8:00:00 AM	676800.000	61.322	16.891	141.590
1210.386	1432.194	0.725	0.974	826.183
0.999	14.866			
3/23/2016 8:15:00 AM	677700.000	61.337	16.895	141.625
1210.041	1431.683	0.724	0.974	826.418
0.999	14.872			
3/23/2016 8:30:00 AM	678600.000	61.309	16.890	141.561
1206.488	1427.641	0.722	0.971	828.852
0.999	14.882			
3/23/2016 8:45:00 AM	679500.000	61.319	16.889	141.584
1211.222	1433.260	0.725	0.975	825.612
0.999	14.875			
3/23/2016 9:00:00 AM	680400.000	61.307	16.892	141.555
1208.465	1429.918	0.724	0.972	827.496
0.999	14.879			
3/23/2016 9:15:00 AM	681300.000	61.316	16.891	141.577
1213.289	1435.649	0.727	0.976	824.206
0.999	14.876			
3/23/2016 9:30:00 AM	682200.000	61.291	16.889	141.519
1221.192	1445.054	0.732	0.983	818.872
0.999	14.880			
3/23/2016 9:45:00 AM	683100.000	61.290	16.892	141.517
1211.000	1432.898	0.725	0.974	825.764
0.999	14.883			
3/23/2016 10:00:00 AM	684000.000	61.285	16.888	141.504
1220.013	1443.696	0.731	0.982	819.664
0.999	14.881			
3/23/2016 10:15:00 AM	684900.000	61.282	16.895	141.498
1212.367	1434.418	0.726	0.975	824.833
0.999	14.882			
3/23/2016 10:30:00 AM	685800.000	61.295	16.892	141.528
1210.615	1432.436	0.725	0.974	826.027
0.999	14.885			
3/23/2016 10:45:00 AM	686700.000	61.264	16.892	141.457
1210.655	1432.504	0.725	0.974	825.999
0.999	14.892			
3/23/2016 11:00:00 AM	687600.000	61.269	16.891	141.467
1215.575	1438.345	0.728	0.978	822.656
0.999	14.884			
3/23/2016 11:15:00 AM	688500.000	61.258	16.895	141.443
1213.680	1435.974	0.727	0.976	823.941
0.999	14.887			
3/23/2016 11:30:00 AM	689400.000	61.269	16.892	141.467
1213.839	1436.274	0.727	0.977	823.832



0.999	14.891			
3/23/2016 11:45:00 AM	690300.000	61.257	16.892	141.441
1219.492	1442.942	0.730	0.981	820.014
0.999	14.892			
3/23/2016 12:00:00 PM	691200.000	61.243	16.891	141.409
1219.413	1442.892	0.730	0.981	820.066
0.999	14.883			
3/23/2016 12:15:00 PM	692100.000	61.229	16.893	141.375
1217.219	1440.236	0.729	0.979	821.545
0.999	14.892			
3/23/2016 12:30:00 PM	693000.000	61.226	16.887	141.368
1219.531	1443.155	0.731	0.981	819.987
0.999	14.888			
3/23/2016 12:45:00 PM	693900.000	61.236	16.890	141.392
1224.603	1449.065	0.734	0.985	816.591
0.999	14.886			
3/23/2016 1:00:00 PM	694800.000	61.231	16.891	141.380
1218.193	1441.432	0.730	0.980	820.888
0.999	14.881			
3/23/2016 1:15:00 PM	695700.000	61.212	16.890	141.337
1219.490	1443.006	0.730	0.981	820.015
0.999	14.891			
3/23/2016 1:30:00 PM	696600.000	61.201	16.893	141.310
1219.694	1443.153	0.731	0.981	819.878
0.999	14.878			
3/23/2016 1:45:00 PM	697500.000	61.187	16.892	141.279
1215.167	1437.822	0.728	0.978	822.932
0.999	14.882			
3/23/2016 2:00:00 PM	698400.000	61.183	16.891	141.270
1215.693	1438.494	0.728	0.978	822.576
0.999	14.879			
3/23/2016 2:15:00 PM	699300.000	61.177	16.887	141.256
1227.696	1452.826	0.736	0.988	814.534
0.999	14.877			
3/23/2016 2:30:00 PM	700200.000	61.169	16.888	141.236
1223.301	1447.595	0.733	0.984	817.461
0.999	14.881			
3/23/2016 2:45:00 PM	701100.000	61.153	16.889	141.201
1224.901	1449.455	0.734	0.986	816.392
0.999	14.883			
3/23/2016 3:00:00 PM	702000.000	61.153	16.889	141.200
1221.554	1445.494	0.732	0.983	818.629
0.999	14.874			
3/23/2016 3:15:00 PM	702900.000	61.148	16.889	141.190
1227.606	1452.641	0.736	0.988	814.593
0.999	14.873			
3/23/2016 3:30:00 PM	703800.000	61.140	16.891	141.171
1215.927	1438.759	0.728	0.978	822.418
0.999	14.871			
3/23/2016 3:45:00 PM	704700.000	61.136	16.889	141.161
1228.317	1453.502	0.736	0.988	814.122
0.999	14.869			
3/23/2016 4:00:00 PM	705600.000	61.128	16.888	141.142
1226.558	1451.429	0.735	0.987	815.290
0.999	14.871			
3/23/2016 4:15:00 PM	706500.000	61.136	16.891	141.160
1219.123	1442.543	0.730	0.981	820.262
0.999	14.873			

3/23/2016 4:30:00 PM	707400.000	61.108	16.891	141.096
1217.625	1440.765	0.729	0.980	821.271
0.999	14.876			
3/23/2016 4:45:00 PM	708300.000	61.105	16.888	141.091
1224.487	1448.985	0.734	0.985	816.669
0.999	14.868			
3/23/2016 5:00:00 PM	709200.000	61.101	16.892	141.080
1223.367	1447.545	0.733	0.984	817.416
0.999	14.865			
3/23/2016 5:15:00 PM	710100.000	61.095	16.889	141.067
1218.804	1442.239	0.730	0.981	820.477
0.999	14.862			
3/23/2016 5:30:00 PM	711000.000	61.085	16.891	141.044
1217.022	1440.068	0.729	0.979	821.678
0.999	14.867			
3/23/2016 5:45:00 PM	711900.000	61.085	16.887	141.044
1224.312	1448.812	0.734	0.985	816.785
0.999	14.863			
3/23/2016 6:00:00 PM	712800.000	61.065	16.888	140.997
1216.340	1439.353	0.729	0.979	822.138
0.999	14.874			
3/23/2016 6:15:00 PM	713700.000	61.088	16.891	141.049
1209.530	1431.190	0.724	0.973	826.767
0.999	14.862			
3/23/2016 6:30:00 PM	714600.000	61.067	16.889	141.001
1207.974	1429.413	0.723	0.972	827.832
0.999	14.865			
3/23/2016 6:45:00 PM	715500.000	61.080	16.889	141.033
1220.928	1444.736	0.731	0.982	819.049
0.999	14.864			
3/23/2016 7:00:00 PM	716400.000	61.062	16.894	140.991
1219.676	1443.098	0.731	0.981	819.890
0.999	14.862			
3/23/2016 7:15:00 PM	717300.000	61.070	16.894	141.009
1215.727	1438.439	0.728	0.978	822.553
0.999	14.864			
3/23/2016 7:30:00 PM	718200.000	61.072	16.891	141.013
1219.855	1443.401	0.731	0.982	819.769
0.999	14.862			
3/23/2016 7:45:00 PM	719100.000	61.068	16.890	141.003
1222.643	1446.759	0.732	0.984	817.901
0.999	14.863			
3/23/2016 8:00:00 PM	720000.000	61.045	16.889	140.951
1212.254	1434.470	0.726	0.975	824.909
0.999	14.863			
3/23/2016 8:15:00 PM	720900.000	61.047	16.893	140.955
1212.990	1435.209	0.726	0.976	824.409
0.999	14.859			
3/23/2016 8:30:00 PM	721800.000	61.040	16.890	140.938
1210.485	1432.365	0.725	0.974	826.115
0.999	14.862			
3/23/2016 8:45:00 PM	722700.000	61.057	16.890	140.979
1216.057	1438.949	0.728	0.978	822.330
0.999	14.865			
3/23/2016 9:00:00 PM	723600.000	61.041	16.894	140.942
1215.902	1438.635	0.728	0.978	822.435
0.999	14.871			
3/23/2016 9:15:00 PM	724500.000	61.048	16.895	140.957

1212.035	1434.045	0.726	0.975	825.059
0.999	14.865			
3/23/2016 9:30:00 PM	725400.000	61.053	16.893	140.970
1207.461	1428.682	0.723	0.972	828.184
0.999	14.872			
3/23/2016 9:45:00 PM	726300.000	61.061	16.890	140.989
1220.691	1444.449	0.731	0.982	819.208
0.999	14.870			
3/23/2016 10:00:00 PM	727200.000	61.066	16.891	140.999
1219.403	1442.889	0.730	0.981	820.073
0.999	14.867			
3/23/2016 10:15:00 PM	728100.000	61.047	16.892	140.957
1223.954	1448.237	0.733	0.985	817.024
0.999	14.870			
3/23/2016 10:30:00 PM	729000.000	61.050	16.895	140.962
1209.099	1430.560	0.724	0.973	827.062
0.999	14.870			
3/23/2016 10:45:00 PM	729900.000	61.055	16.891	140.974
1213.537	1435.939	0.727	0.976	824.037
0.999	14.868			
3/23/2016 11:00:00 PM	730800.000	61.054	16.896	140.971
1214.524	1436.942	0.727	0.977	823.368
0.999	14.871			
3/23/2016 11:15:00 PM	731700.000	61.056	16.892	140.977
1209.879	1431.571	0.724	0.973	826.529
0.999	14.873			
3/23/2016 11:30:00 PM	732600.000	61.059	16.896	140.984
1211.225	1433.053	0.725	0.974	825.611
0.999	14.867			
3/23/2016 11:45:00 PM	733500.000	61.062	16.891	140.990
1216.535	1439.481	0.729	0.979	822.007
0.999	14.865			

Serial\_number:  
1071292

Project ID:  
MPWSP TSW Long Term Pumping

Location:  
MPWSP MW-6S

LEVEL

UNIT: ft

Offset: 0.000000 ft

Altitude: 80.000000 ft

Density: 1.000000 kg/L

TEMPERATURE

UNIT: Deg C

CONDUCTIVITY

UNIT:  $\mu\text{S}/\text{cm}$

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
3/17/2016	0:00:00		0 34.279	16.4	1926.8
3/17/2016	0:15:00		0 34.259	16.4	1926.8
3/17/2016	0:30:00		0 34.238	16.4	1924.4
3/17/2016	0:45:00		0 34.239	16.4	1924.4
3/17/2016	1:00:00		0 34.263	16.4	1926.8
3/17/2016	1:15:00		0 34.23	16.4	1926.8
3/17/2016	1:30:00		0 34.291	16.4	1926.8
3/17/2016	1:45:00		0 34.198	16.4	1924.4
3/17/2016	2:00:00		0 34.279	16.4	1926.8
3/17/2016	2:15:00		0 34.266	16.4	1926.8
3/17/2016	2:30:00		0 34.213	16.4	1924.4
3/17/2016	2:45:00		0 34.217	16.4	1924.4
3/17/2016	3:00:00		0 34.22	16.4	1924.4
3/17/2016	3:15:00		0 34.243	16.4	1924.4
3/17/2016	3:30:00		0 34.248	16.4	1926.8
3/17/2016	3:45:00		0 34.208	16.4	1924.4
3/17/2016	4:00:00		0 34.251	16.4	1926.8
3/17/2016	4:15:00		0 34.254	16.4	1924.4
3/17/2016	4:30:00		0 34.293	16.4	1926.8
3/17/2016	4:45:00		0 34.235	16.4	1924.4
3/17/2016	5:00:00		0 34.257	16.4	1924.4
3/17/2016	5:15:00		0 34.257	16.4	1924.4
3/17/2016	5:30:00		0 34.255	16.4	1926.8
3/17/2016	5:45:00		0 34.196	16.4	1924.4
3/17/2016	6:00:00		0 34.156	16.4	1924.4
3/17/2016	6:15:00		0 34.255	16.4	1926.8
3/17/2016	6:30:00		0 34.195	16.4	1926.8
3/17/2016	6:45:00		0 34.253	16.4	1926.8
3/17/2016	7:00:00		0 34.268	16.4	1926.8
3/17/2016	7:15:00		0 34.225	16.4	1926.8
3/17/2016	7:30:00		0 34.223	16.4	1926.8

3/17/2016	7:45:00	0	34.22	16.4	1926.8
3/17/2016	8:00:00	0	34.222	16.4	1926.8
3/17/2016	8:15:00	0	34.2	16.4	1926.8
3/17/2016	8:30:00	0	34.195	16.4	1926.8
3/17/2016	8:45:00	0	34.237	16.4	1926.8
3/17/2016	9:00:00	0	34.197	16.4	1926.8
3/17/2016	9:15:00	0	34.198	16.4	1926.8
3/17/2016	9:30:00	0	34.156	16.4	1926.8
3/17/2016	9:45:00	0	34.217	16.4	1926.8
3/17/2016	10:00:00	0	34.222	16.4	1926.8
3/17/2016	10:15:00	0	34.208	16.4	1926.8
3/17/2016	10:30:00	0	34.212	16.4	1926.8
3/17/2016	10:45:00	0	34.214	16.4	1926.8
3/17/2016	11:00:00	0	34.217	16.4	1926.8
3/17/2016	11:15:00	0	34.275	16.4	1926.8
3/17/2016	11:30:00	0	34.236	16.4	1926.8
3/17/2016	11:45:00	0	34.201	16.4	1926.8
3/17/2016	12:00:00	0	34.224	16.4	1926.8
3/17/2016	12:15:00	0	34.208	16.4	1926.8
3/17/2016	12:30:00	0	34.235	16.4	1926.8
3/17/2016	12:45:00	0	34.215	16.4	1926.8
3/17/2016	13:00:00	0	34.238	16.4	1926.8
3/17/2016	13:15:00	0	34.237	16.4	1926.8
3/17/2016	13:30:00	0	34.257	16.4	1926.8
3/17/2016	13:45:00	0	34.254	16.4	1926.8
3/17/2016	14:00:00	0	34.198	16.4	1926.8
3/17/2016	14:15:00	0	34.2	16.4	1926.8
3/17/2016	14:30:00	0	34.224	16.4	1927.9
3/17/2016	14:45:00	0	34.248	16.4	1926.8
3/17/2016	15:00:00	0	34.186	16.4	1927.9
3/17/2016	15:15:00	0	34.187	16.4	1927.9
3/17/2016	15:30:00	0	34.206	16.4	1927.9
3/17/2016	15:45:00	0	34.205	16.4	1926.8
3/17/2016	16:00:00	0	34.205	16.4	1926.8
3/17/2016	16:15:00	0	34.226	16.4	1926.8
3/17/2016	16:30:00	0	34.224	16.4	1926.8
3/17/2016	16:45:00	0	34.241	16.4	1926.8
3/17/2016	17:00:00	0	34.193	16.4	1926.8
3/17/2016	17:15:00	0	34.233	16.4	1926.8
3/17/2016	17:30:00	0	34.209	16.4	1926.8
3/17/2016	17:45:00	0	34.203	16.4	1926.8
3/17/2016	18:00:00	0	34.218	16.4	1926.8
3/17/2016	18:15:00	0	34.176	16.4	1926.8
3/17/2016	18:30:00	0	34.172	16.4	1926.8
3/17/2016	18:45:00	0	34.19	16.4	1927.9
3/17/2016	19:00:00	0	34.183	16.4	1927.9
3/17/2016	19:15:00	0	34.215	16.4	1927.9

3/17/2016	19:30:00	0	34.215	16.4	1926.8
3/17/2016	19:45:00	0	34.149	16.4	1927.9
3/17/2016	20:00:00	0	34.225	16.4	1927.9
3/17/2016	20:15:00	0	34.184	16.4	1927.9
3/17/2016	20:30:00	0	34.277	16.4	1926.8
3/17/2016	20:45:00	0	34.178	16.4	1927.9
3/17/2016	21:00:00	0	34.135	16.4	1926.8
3/17/2016	21:15:00	0	34.195	16.4	1926.8
3/17/2016	21:30:00	0	34.211	16.4	1926.8
3/17/2016	21:45:00	0	34.167	16.4	1926.8
3/17/2016	22:00:00	0	34.229	16.4	1926.8
3/17/2016	22:15:00	0	34.213	16.4	1926.8
3/17/2016	22:30:00	0	34.21	16.4	1926.8
3/17/2016	22:45:00	0	34.173	16.4	1927.9
3/17/2016	23:00:00	0	34.191	16.4	1927.9
3/17/2016	23:15:00	0	34.233	16.4	1927.9
3/17/2016	23:30:00	0	34.196	16.4	1927.9
3/17/2016	23:45:00	0	34.173	16.4	1926.8
3/18/2016	0:00:00	0	34.177	16.4	1926.8
3/18/2016	0:15:00	0	34.234	16.4	1926.8
3/18/2016	0:30:00	0	34.196	16.4	1927.9
3/18/2016	0:45:00	0	34.201	16.4	1927.9
3/18/2016	1:00:00	0	34.181	16.4	1927.9
3/18/2016	1:15:00	0	34.199	16.4	1926.8
3/18/2016	1:30:00	0	34.203	16.4	1927.9
3/18/2016	1:45:00	0	34.165	16.4	1927.9
3/18/2016	2:00:00	0	34.227	16.4	1927.9
3/18/2016	2:15:00	0	34.209	16.4	1926.8
3/18/2016	2:30:00	0	34.2	16.4	1927.9
3/18/2016	2:45:00	0	34.219	16.4	1927.9
3/18/2016	3:00:00	0	34.207	16.4	1927.9
3/18/2016	3:15:00	0	34.183	16.4	1927.9
3/18/2016	3:30:00	0	34.219	16.4	1927.9
3/18/2016	3:45:00	0	34.221	16.4	1927.9
3/18/2016	4:00:00	0	34.223	16.4	1927.9
3/18/2016	4:15:00	0	34.209	16.4	1927.9
3/18/2016	4:30:00	0	34.189	16.4	1927.9
3/18/2016	4:45:00	0	34.199	16.4	1927.9
3/18/2016	5:00:00	0	34.17	16.4	1927.9
3/18/2016	5:15:00	0	34.225	16.4	1927.9
3/18/2016	5:30:00	0	34.226	16.4	1927.9
3/18/2016	5:45:00	0	34.18	16.4	1927.9
3/18/2016	6:00:00	0	34.223	16.4	1927.9
3/18/2016	6:15:00	0	34.182	16.4	1926.8
3/18/2016	6:30:00	0	34.198	16.4	1927.9
3/18/2016	6:45:00	0	34.206	16.4	1927.9
3/18/2016	7:00:00	0	34.203	16.4	1927.9

3/18/2016	7:15:00	0	34.155	16.4	1927.9
3/18/2016	7:30:00	0	34.234	16.4	1927.9
3/18/2016	7:45:00	0	34.21	16.4	1926.8
3/18/2016	8:00:00	0	34.205	16.4	1927.9
3/18/2016	8:15:00	0	34.238	16.4	1927.9
3/18/2016	8:30:00	0	34.173	16.4	1927.9
3/18/2016	8:45:00	0	34.171	16.4	1927.9
3/18/2016	9:00:00	0	34.203	16.4	1926.8
3/18/2016	9:15:00	0	34.163	16.4	1927.9
3/18/2016	9:30:00	0	34.218	16.4	1926.8
3/18/2016	9:45:00	0	34.174	16.4	1927.9
3/18/2016	10:00:00	0	34.191	16.4	1927.9
3/18/2016	10:15:00	0	34.169	16.4	1927.9
3/18/2016	10:30:00	0	34.185	16.4	1927.9
3/18/2016	10:45:00	0	34.164	16.4	1927.9
3/18/2016	11:00:00	0	34.22	16.4	1927.9
3/18/2016	11:15:00	0	34.183	16.4	1927.9
3/18/2016	11:30:00	0	34.22	16.4	1926.8
3/18/2016	11:45:00	0	34.182	16.4	1927.9
3/18/2016	12:00:00	0	34.182	16.4	1926.8
3/18/2016	12:15:00	0	34.207	16.4	1927.9
3/18/2016	12:30:00	0	34.173	16.4	1927.9
3/18/2016	12:45:00	0	34.199	16.4	1927.9
3/18/2016	13:00:00	0	34.189	16.4	1927.9
3/18/2016	13:15:00	0	34.193	16.4	1927.9
3/18/2016	13:30:00	0	34.18	16.4	1927.9
3/18/2016	13:45:00	0	34.19	16.4	1927.9
3/18/2016	14:00:00	0	34.212	16.4	1926.8
3/18/2016	14:15:00	0	34.193	16.4	1927.9
3/18/2016	14:30:00	0	34.171	16.4	1927.9
3/18/2016	14:45:00	0	34.174	16.4	1927.9
3/18/2016	15:00:00	0	34.216	16.4	1927.9
3/18/2016	15:15:00	0	34.216	16.4	1927.9
3/18/2016	15:30:00	0	34.214	16.4	1927.9
3/18/2016	15:45:00	0	34.156	16.4	1926.8
3/18/2016	16:00:00	0	34.195	16.4	1927.9
3/18/2016	16:15:00	0	34.214	16.4	1927.9
3/18/2016	16:30:00	0	34.232	16.4	1927.9
3/18/2016	16:45:00	0	34.135	16.4	1926.8
3/18/2016	17:00:00	0	34.21	16.4	1927.9
3/18/2016	17:15:00	0	34.166	16.4	1927.9
3/18/2016	17:30:00	0	34.205	16.4	1927.9
3/18/2016	17:45:00	0	34.223	16.4	1927.9
3/18/2016	18:00:00	0	34.222	16.4	1927.9
3/18/2016	18:15:00	0	34.179	16.4	1927.9
3/18/2016	18:30:00	0	34.156	16.4	1927.9
3/18/2016	18:45:00	0	34.194	16.4	1927.9

3/18/2016	19:00:00	0	34.151	16.4	1927.9
3/18/2016	19:15:00	0	34.128	16.4	1927.9
3/18/2016	19:30:00	0	34.186	16.4	1927.9
3/18/2016	19:45:00	0	34.163	16.4	1927.9
3/18/2016	20:00:00	0	34.216	16.4	1927.9
3/18/2016	20:15:00	0	34.194	16.4	1927.9
3/18/2016	20:30:00	0	34.214	16.4	1927.9
3/18/2016	20:45:00	0	34.216	16.4	1927.9
3/18/2016	21:00:00	0	34.178	16.4	1927.9
3/18/2016	21:15:00	0	34.194	16.4	1927.9
3/18/2016	21:30:00	0	34.192	16.4	1927.9
3/18/2016	21:45:00	0	34.194	16.4	1927.9
3/18/2016	22:00:00	0	34.213	16.4	1927.9
3/18/2016	22:15:00	0	34.196	16.4	1927.9
3/18/2016	22:30:00	0	34.134	16.4	1927.9
3/18/2016	22:45:00	0	34.214	16.4	1927.9
3/18/2016	23:00:00	0	34.178	16.4	1927.9
3/18/2016	23:15:00	0	34.195	16.4	1927.9
3/18/2016	23:30:00	0	34.214	16.4	1927.9
3/18/2016	23:45:00	0	34.235	16.4	1927.9
3/19/2016	0:00:00	0	34.234	16.4	1927.9
3/19/2016	0:15:00	0	34.172	16.4	1927.9
3/19/2016	0:30:00	0	34.19	16.4	1927.9
3/19/2016	0:45:00	0	34.149	16.4	1927.9
3/19/2016	1:00:00	0	34.185	16.4	1927.9
3/19/2016	1:15:00	0	34.244	16.4	1927.9
3/19/2016	1:30:00	0	34.224	16.4	1927.9
3/19/2016	1:45:00	0	34.207	16.4	1927.9
3/19/2016	2:00:00	0	34.151	16.4	1927.9
3/19/2016	2:15:00	0	34.249	16.4	1927.9
3/19/2016	2:30:00	0	34.21	16.4	1927.9
3/19/2016	2:45:00	0	34.212	16.4	1927.9
3/19/2016	3:00:00	0	34.196	16.4	1927.9
3/19/2016	3:15:00	0	34.235	16.4	1927.9
3/19/2016	3:30:00	0	34.195	16.4	1927.9
3/19/2016	3:45:00	0	34.19	16.4	1927.9
3/19/2016	4:00:00	0	34.173	16.4	1927.9
3/19/2016	4:15:00	0	34.208	16.4	1927.9
3/19/2016	4:30:00	0	34.17	16.4	1927.9
3/19/2016	4:45:00	0	34.173	16.4	1927.9
3/19/2016	5:00:00	0	34.166	16.4	1927.9
3/19/2016	5:15:00	0	34.18	16.4	1927.9
3/19/2016	5:30:00	0	34.177	16.4	1929.1
3/19/2016	5:45:00	0	34.154	16.4	1927.9
3/19/2016	6:00:00	0	34.191	16.4	1927.9
3/19/2016	6:15:00	0	34.191	16.4	1927.9
3/19/2016	6:30:00	0	34.226	16.4	1927.9



3/19/2016	6:45:00	0	34.157	16.4	1927.9
3/19/2016	7:00:00	0	34.157	16.4	1927.9
3/19/2016	7:15:00	0	34.194	16.4	1927.9
3/19/2016	7:30:00	0	34.191	16.4	1927.9
3/19/2016	7:45:00	0	34.186	16.4	1927.9
3/19/2016	8:00:00	0	34.183	16.4	1927.9
3/19/2016	8:15:00	0	34.18	16.4	1927.9
3/19/2016	8:30:00	0	34.199	16.4	1927.9
3/19/2016	8:45:00	0	34.203	16.4	1927.9
3/19/2016	9:00:00	0	34.224	16.4	1927.9
3/19/2016	9:15:00	0	34.199	16.4	1927.9
3/19/2016	9:30:00	0	34.174	16.4	1927.9
3/19/2016	9:45:00	0	34.175	16.4	1927.9
3/19/2016	10:00:00	0	34.17	16.4	1927.9
3/19/2016	10:15:00	0	34.192	16.4	1927.9
3/19/2016	10:30:00	0	34.198	16.4	1929.1
3/19/2016	10:45:00	0	34.161	16.4	1927.9
3/19/2016	11:00:00	0	34.184	16.4	1927.9
3/19/2016	11:15:00	0	34.19	16.4	1927.9
3/19/2016	11:30:00	0	34.191	16.4	1927.9
3/19/2016	11:45:00	0	34.189	16.4	1929.1
3/19/2016	12:00:00	0	34.169	16.4	1927.9
3/19/2016	12:15:00	0	34.187	16.4	1927.9
3/19/2016	12:30:00	0	34.187	16.4	1927.9
3/19/2016	12:45:00	0	34.209	16.4	1927.9
3/19/2016	13:00:00	0	34.208	16.4	1929.1
3/19/2016	13:15:00	0	34.152	16.4	1929.1
3/19/2016	13:30:00	0	34.151	16.4	1929.1
3/19/2016	13:45:00	0	34.174	16.4	1929.1
3/19/2016	14:00:00	0	34.224	16.4	1927.9
3/19/2016	14:15:00	0	34.17	16.4	1927.9
3/19/2016	14:30:00	0	34.194	16.4	1927.9
3/19/2016	14:45:00	0	34.237	16.4	1927.9
3/19/2016	15:00:00	0	34.215	16.4	1927.9
3/19/2016	15:15:00	0	34.158	16.4	1927.9
3/19/2016	15:30:00	0	34.22	16.4	1929.1
3/19/2016	15:45:00	0	34.202	16.4	1927.9
3/19/2016	16:00:00	0	34.206	16.4	1929.1
3/19/2016	16:15:00	0	34.164	16.4	1929.1
3/19/2016	16:30:00	0	34.206	16.4	1927.9
3/19/2016	16:45:00	0	34.15	16.4	1929.1
3/19/2016	17:00:00	0	34.113	16.4	1929.1
3/19/2016	17:15:00	0	34.172	16.4	1927.9
3/19/2016	17:30:00	0	34.168	16.4	1929.1
3/19/2016	17:45:00	0	34.187	16.4	1929.1
3/19/2016	18:00:00	0	34.153	16.4	1929.1
3/19/2016	18:15:00	0	34.195	16.4	1929.1

3/19/2016	18:30:00	0	34.195	16.4	1929.1
3/19/2016	18:45:00	0	34.173	16.4	1929.1
3/19/2016	19:00:00	0	34.147	16.4	1927.9
3/19/2016	19:15:00	0	34.144	16.4	1929.1
3/19/2016	19:30:00	0	34.18	16.4	1929.1
3/19/2016	19:45:00	0	34.194	16.4	1929.1
3/19/2016	20:00:00	0	34.189	16.4	1929.1
3/19/2016	20:15:00	0	34.165	16.4	1927.9
3/19/2016	20:30:00	0	34.183	16.4	1929.1
3/19/2016	20:45:00	0	34.14	16.4	1929.1
3/19/2016	21:00:00	0	34.157	16.4	1929.1
3/19/2016	21:15:00	0	34.157	16.4	1929.1
3/19/2016	21:30:00	0	34.173	16.4	1929.1
3/19/2016	21:45:00	0	34.181	16.4	1929.1
3/19/2016	22:00:00	0	34.173	16.4	1929.1
3/19/2016	22:15:00	0	34.17	16.4	1929.1
3/19/2016	22:30:00	0	34.165	16.4	1929.1
3/19/2016	22:45:00	0	34.185	16.4	1927.9
3/19/2016	23:00:00	0	34.165	16.4	1929.1
3/19/2016	23:15:00	0	34.185	16.4	1929.1
3/19/2016	23:30:00	0	34.148	16.4	1929.1
3/19/2016	23:45:00	0	34.223	16.4	1929.1
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3/20/2016	1:15:00	0	34.165	16.4	1929.1
3/20/2016	1:30:00	0	34.203	16.4	1929.1
3/20/2016	1:45:00	0	34.179	16.4	1929.1
3/20/2016	2:00:00	0	34.162	16.4	1929.1
3/20/2016	2:15:00	0	34.186	16.4	1929.1
3/20/2016	2:30:00	0	34.173	16.4	1929.1
3/20/2016	2:45:00	0	34.137	16.4	1929.1
3/20/2016	3:00:00	0	34.189	16.4	1929.1
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3/20/2016	3:30:00	0	34.191	16.4	1929.1
3/20/2016	3:45:00	0	34.193	16.4	1929.1
3/20/2016	4:00:00	0	34.157	16.4	1929.1
3/20/2016	4:15:00	0	34.231	16.4	1929.1
3/20/2016	4:30:00	0	34.191	16.4	1929.1
3/20/2016	4:45:00	0	34.192	16.4	1929.1
3/20/2016	5:00:00	0	34.154	16.4	1929.1
3/20/2016	5:15:00	0	34.213	16.4	1929.1
3/20/2016	5:30:00	0	34.214	16.4	1929.1
3/20/2016	5:45:00	0	34.17	16.4	1929.1
3/20/2016	6:00:00	0	34.189	16.4	1929.1

3/20/2016	6:15:00	0	34.17	16.4	1929.1
3/20/2016	6:30:00	0	34.187	16.4	1929.1
3/20/2016	6:45:00	0	34.169	16.4	1929.1
3/20/2016	7:00:00	0	34.185	16.4	1929.1
3/20/2016	7:15:00	0	34.198	16.4	1929.1
3/20/2016	7:30:00	0	34.2	16.4	1929.1
3/20/2016	7:45:00	0	34.16	16.4	1929.1
3/20/2016	8:00:00	0	34.175	16.4	1929.1
3/20/2016	8:15:00	0	34.173	16.4	1929.1
3/20/2016	8:30:00	0	34.231	16.4	1929.1
3/20/2016	8:45:00	0	34.149	16.4	1929.1
3/20/2016	9:00:00	0	34.181	16.4	1929.1
3/20/2016	9:15:00	0	34.162	16.4	1929.1
3/20/2016	9:30:00	0	34.16	16.4	1929.1
3/20/2016	9:45:00	0	34.162	16.4	1929.1
3/20/2016	10:00:00	0	34.19	16.4	1929.1
3/20/2016	10:15:00	0	34.173	16.4	1929.1
3/20/2016	10:30:00	0	34.191	16.4	1929.1
3/20/2016	10:45:00	0	34.172	16.4	1929.1
3/20/2016	11:00:00	0	34.155	16.4	1929.1
3/20/2016	11:15:00	0	34.171	16.4	1929.1
3/20/2016	11:30:00	0	34.185	16.4	1929.1
3/20/2016	11:45:00	0	34.164	16.4	1929.1
3/20/2016	12:00:00	0	34.207	16.4	1929.1
3/20/2016	12:15:00	0	34.148	16.4	1929.1
3/20/2016	12:30:00	0	34.173	16.4	1929.1
3/20/2016	12:45:00	0	34.199	16.4	1929.1
3/20/2016	13:00:00	0	34.191	16.4	1929.1
3/20/2016	13:15:00	0	34.181	16.4	1929.1
3/20/2016	13:30:00	0	34.14	16.4	1929.1
3/20/2016	13:45:00	0	34.16	16.4	1929.1
3/20/2016	14:00:00	0	34.205	16.4	1929.1
3/20/2016	14:15:00	0	34.131	16.4	1929.1
3/20/2016	14:30:00	0	34.195	16.4	1929.1
3/20/2016	14:45:00	0	34.197	16.4	1929.1
3/20/2016	15:00:00	0	34.178	16.4	1929.1
3/20/2016	15:15:00	0	34.134	16.4	1929.1
3/20/2016	15:30:00	0	34.168	16.4	1929.1
3/20/2016	15:45:00	0	34.165	16.4	1929.1
3/20/2016	16:00:00	0	34.156	16.4	1929.1
3/20/2016	16:15:00	0	34.178	16.4	1929.1
3/20/2016	16:30:00	0	34.126	16.4	1931.5
3/20/2016	16:45:00	0	34.126	16.4	1929.1
3/20/2016	17:00:00	0	34.148	16.4	1929.1
3/20/2016	17:15:00	0	34.21	16.4	1929.1
3/20/2016	17:30:00	0	34.185	16.4	1929.1
3/20/2016	17:45:00	0	34.2	16.4	1929.1

3/20/2016	18:00:00	0	34.193	16.4	1931.5
3/20/2016	18:15:00	0	34.17	16.4	1929.1
3/20/2016	18:30:00	0	34.134	16.4	1929.1
3/20/2016	18:45:00	0	34.189	16.4	1931.5
3/20/2016	19:00:00	0	34.165	16.4	1929.1
3/20/2016	19:15:00	0	34.179	16.4	1929.1
3/20/2016	19:30:00	0	34.2	16.4	1929.1
3/20/2016	19:45:00	0	34.142	16.4	1931.5
3/20/2016	20:00:00	0	34.201	16.4	1929.1
3/20/2016	20:15:00	0	34.19	16.4	1931.5
3/20/2016	20:30:00	0	34.152	16.4	1929.1
3/20/2016	20:45:00	0	34.17	16.4	1929.1
3/20/2016	21:00:00	0	34.174	16.4	1929.1
3/20/2016	21:15:00	0	34.193	16.4	1929.1
3/20/2016	21:30:00	0	34.226	16.4	1929.1
3/20/2016	21:45:00	0	34.144	16.4	1931.5
3/20/2016	22:00:00	0	34.176	16.4	1929.1
3/20/2016	22:15:00	0	34.156	16.4	1931.5
3/20/2016	22:30:00	0	34.176	16.4	1931.5
3/20/2016	22:45:00	0	34.217	16.4	1929.1
3/20/2016	23:00:00	0	34.213	16.4	1929.1
3/20/2016	23:15:00	0	34.195	16.4	1931.5
3/20/2016	23:30:00	0	34.196	16.4	1931.5
3/20/2016	23:45:00	0	34.197	16.4	1929.1
3/21/2016	0:00:00	0	34.156	16.4	1931.5
3/21/2016	0:15:00	0	34.172	16.4	1929.1
3/21/2016	0:30:00	0	34.168	16.4	1929.1
3/21/2016	0:45:00	0	34.185	16.4	1929.1
3/21/2016	1:00:00	0	34.184	16.4	1929.1
3/21/2016	1:15:00	0	34.205	16.4	1931.5
3/21/2016	1:30:00	0	34.244	16.4	1931.5
3/21/2016	1:45:00	0	34.166	16.4	1931.5
3/21/2016	2:00:00	0	34.247	16.4	1931.5
3/21/2016	2:15:00	0	34.166	16.4	1929.1
3/21/2016	2:30:00	0	34.186	16.4	1931.5
3/21/2016	2:45:00	0	34.208	16.4	1931.5
3/21/2016	3:00:00	0	34.227	16.4	1931.5
3/21/2016	3:15:00	0	34.133	16.4	1931.5
3/21/2016	3:30:00	0	34.186	16.4	1931.5
3/21/2016	3:45:00	0	34.241	16.4	1931.5
3/21/2016	4:00:00	0	34.184	16.4	1929.1
3/21/2016	4:15:00	0	34.185	16.4	1931.5
3/21/2016	4:30:00	0	34.147	16.4	1931.5
3/21/2016	4:45:00	0	34.165	16.4	1929.1
3/21/2016	5:00:00	0	34.143	16.4	1931.5
3/21/2016	5:15:00	0	34.155	16.4	1931.5
3/21/2016	5:30:00	0	34.174	16.4	1929.1

3/21/2016	5:45:00	0	34.219	16.4	1931.5
3/21/2016	6:00:00	0	34.179	16.4	1931.5
3/21/2016	6:15:00	0	34.139	16.4	1931.5
3/21/2016	6:30:00	0	34.199	16.4	1931.5
3/21/2016	6:45:00	0	34.172	16.4	1931.5
3/21/2016	7:00:00	0	34.154	16.4	1931.5
3/21/2016	7:15:00	0	34.192	16.4	1931.5
3/21/2016	7:30:00	0	34.191	16.4	1931.5
3/21/2016	7:45:00	0	34.118	16.4	1931.5
3/21/2016	8:00:00	0	34.154	16.4	1929.1
3/21/2016	8:15:00	0	34.188	16.4	1931.5
3/21/2016	8:30:00	0	34.149	16.4	1929.1
3/21/2016	8:45:00	0	34.164	16.4	1931.5
3/21/2016	9:00:00	0	34.157	16.4	1931.5
3/21/2016	9:15:00	0	34.155	16.4	1931.5
3/21/2016	9:30:00	0	34.154	16.4	1931.5
3/21/2016	9:45:00	0	34.192	16.4	1931.5
3/21/2016	10:00:00	0	34.111	16.4	1931.5
3/21/2016	10:15:00	0	34.188	16.4	1931.5
3/21/2016	10:30:00	0	34.209	16.4	1931.5
3/21/2016	10:45:00	0	34.175	16.4	1931.5
3/21/2016	11:00:00	0	34.195	16.4	1931.5
3/21/2016	11:15:00	0	34.181	16.4	1931.5
3/21/2016	11:30:00	0	34.126	16.4	1931.5
3/21/2016	11:45:00	0	34.176	16.4	1931.5
3/21/2016	12:00:00	0	34.183	16.4	1931.5
3/21/2016	12:15:00	0	34.225	16.4	1931.5
3/21/2016	12:30:00	0	34.169	16.4	1931.5
3/21/2016	12:45:00	0	34.176	16.4	1929.1
3/21/2016	13:00:00	0	34.183	16.4	1931.5
3/21/2016	13:15:00	0	34.192	16.4	1931.5
3/21/2016	13:30:00	0	34.218	16.4	1931.5
3/21/2016	13:45:00	0	34.163	16.4	1931.5
3/21/2016	14:00:00	0	34.207	16.4	1931.5
3/21/2016	14:15:00	0	34.206	16.4	1929.1
3/21/2016	14:30:00	0	34.207	16.4	1931.5
3/21/2016	14:45:00	0	34.147	16.4	1931.5
3/21/2016	15:00:00	0	34.211	16.4	1931.5
3/21/2016	15:15:00	0	34.21	16.4	1931.5
3/21/2016	15:30:00	0	34.232	16.4	1931.5
3/21/2016	15:45:00	0	34.21	16.4	1931.5
3/21/2016	16:00:00	0	34.157	16.4	1931.5
3/21/2016	16:15:00	0	34.157	16.4	1931.5
3/21/2016	16:30:00	0	34.2	16.4	1931.5
3/21/2016	16:45:00	0	34.165	16.4	1931.5
3/21/2016	17:00:00	0	34.226	16.4	1931.5
3/21/2016	17:15:00	0	34.164	16.4	1931.5

3/21/2016	17:30:00	0	34.162	16.4	1931.5
3/21/2016	17:45:00	0	34.123	16.4	1931.5
3/21/2016	18:00:00	0	34.146	16.4	1931.5
3/21/2016	18:15:00	0	34.226	16.4	1931.5
3/21/2016	18:30:00	0	34.206	16.4	1931.5
3/21/2016	18:45:00	0	34.164	16.4	1931.5
3/21/2016	19:00:00	0	34.204	16.4	1931.5
3/21/2016	19:15:00	0	34.198	16.4	1931.5
3/21/2016	19:30:00	0	34.231	16.4	1931.5
3/21/2016	19:45:00	0	34.201	16.4	1931.5
3/21/2016	20:00:00	0	34.135	16.4	1931.5
3/21/2016	20:15:00	0	34.129	16.4	1931.5
3/21/2016	20:30:00	0	34.148	16.4	1931.5
3/21/2016	20:45:00	0	34.164	16.4	1931.5
3/21/2016	21:00:00	0	34.114	16.4	1931.5
3/21/2016	21:15:00	0	34.111	16.4	1929.1
3/21/2016	21:30:00	0	34.205	16.4	1931.5
3/21/2016	21:45:00	0	34.147	16.4	1931.5
3/21/2016	22:00:00	0	34.201	16.4	1931.5
3/21/2016	22:15:00	0	34.158	16.4	1931.5
3/21/2016	22:30:00	0	34.155	16.4	1931.5
3/21/2016	22:45:00	0	34.173	16.4	1932.6
3/21/2016	23:00:00	0	34.231	16.4	1931.5
3/21/2016	23:15:00	0	34.135	16.4	1931.5
3/21/2016	23:30:00	0	34.172	16.4	1931.5
3/21/2016	23:45:00	0	34.191	16.4	1931.5
3/22/2016	0:00:00	0	34.173	16.4	1931.5
3/22/2016	0:15:00	0	34.15	16.4	1931.5
3/22/2016	0:30:00	0	34.19	16.4	1931.5
3/22/2016	0:45:00	0	34.147	16.4	1931.5
3/22/2016	1:00:00	0	34.205	16.4	1931.5
3/22/2016	1:15:00	0	34.187	16.4	1931.5
3/22/2016	1:30:00	0	34.146	16.4	1931.5
3/22/2016	1:45:00	0	34.218	16.4	1931.5
3/22/2016	2:00:00	0	34.122	16.4	1931.5
3/22/2016	2:15:00	0	34.147	16.4	1931.5
3/22/2016	2:30:00	0	34.169	16.4	1931.5
3/22/2016	2:45:00	0	34.189	16.4	1931.5
3/22/2016	3:00:00	0	34.209	16.4	1931.5
3/22/2016	3:15:00	0	34.152	16.4	1931.5
3/22/2016	3:30:00	0	34.151	16.4	1931.5
3/22/2016	3:45:00	0	34.148	16.4	1931.5
3/22/2016	4:00:00	0	34.223	16.4	1931.5
3/22/2016	4:15:00	0	34.223	16.4	1931.5
3/22/2016	4:30:00	0	34.195	16.4	1931.5
3/22/2016	4:45:00	0	34.173	16.4	1931.5
3/22/2016	5:00:00	0	34.145	16.4	1931.5

3/22/2016	5:15:00	0	34.206	16.4	1931.5
3/22/2016	5:30:00	0	34.222	16.4	1931.5
3/22/2016	5:45:00	0	34.137	16.4	1931.5
3/22/2016	6:00:00	0	34.134	16.4	1931.5
3/22/2016	6:15:00	0	34.131	16.4	1931.5
3/22/2016	6:30:00	0	34.182	16.4	1931.5
3/22/2016	6:45:00	0	34.197	16.4	1931.5
3/22/2016	7:00:00	0	34.192	16.4	1931.5
3/22/2016	7:15:00	0	34.141	16.4	1932.6
3/22/2016	7:30:00	0	34.131	16.4	1931.5
3/22/2016	7:45:00	0	34.124	16.4	1931.5
3/22/2016	8:00:00	0	34.135	16.4	1931.5
3/22/2016	8:15:00	0	34.127	16.4	1931.5
3/22/2016	8:30:00	0	34.16	16.4	1931.5
3/22/2016	8:45:00	0	34.171	16.4	1931.5
3/22/2016	9:00:00	0	34.106	16.4	1931.5
3/22/2016	9:15:00	0	34.144	16.4	1932.6
3/22/2016	9:30:00	0	34.159	16.4	1931.5
3/22/2016	9:45:00	0	34.1	16.4	1931.5
3/22/2016	10:00:00	0	34.158	16.4	1931.5
3/22/2016	10:15:00	0	34.156	16.4	1932.6
3/22/2016	10:30:00	0	34.157	16.4	1931.5
3/22/2016	10:45:00	0	34.194	16.4	1932.6
3/22/2016	11:00:00	0	34.177	16.4	1931.5
3/22/2016	11:15:00	0	34.137	16.4	1931.5
3/22/2016	11:30:00	0	34.143	16.4	1932.6
3/22/2016	11:45:00	0	34.166	16.4	1932.6
3/22/2016	12:00:00	0	34.127	16.4	1932.6
3/22/2016	12:15:00	0	34.171	16.4	1932.6
3/22/2016	12:30:00	0	34.179	16.4	1932.6
3/22/2016	12:45:00	0	34.165	16.4	1931.5
3/22/2016	13:00:00	0	34.189	16.4	1931.5
3/22/2016	13:15:00	0	34.232	16.4	1931.5
3/22/2016	13:30:00	0	34.214	16.4	1932.6
3/22/2016	13:45:00	0	34.16	16.4	1932.6
3/22/2016	14:00:00	0	34.162	16.4	1932.6
3/22/2016	14:15:00	0	34.169	16.4	1932.6
3/22/2016	14:30:00	0	34.209	16.4	1931.5
3/22/2016	14:45:00	0	34.195	16.4	1932.6
3/22/2016	15:00:00	0	34.216	16.4	1932.6
3/22/2016	15:15:00	0	34.18	16.4	1932.6
3/22/2016	15:30:00	0	34.159	16.4	1932.6
3/22/2016	15:45:00	0	34.242	16.4	1932.6
3/22/2016	16:00:00	0	34.125	16.4	1931.5
3/22/2016	16:15:00	0	34.153	16.4	1932.6
3/22/2016	16:30:00	0	34.132	16.4	1931.5
3/22/2016	16:45:00	0	34.213	16.4	1931.5

3/22/2016	17:00:00	0	34.109	16.4	1931.5
3/22/2016	17:15:00	0	34.192	16.4	1932.6
3/22/2016	17:30:00	0	34.171	16.4	1932.6
3/22/2016	17:45:00	0	34.108	16.4	1931.5
3/22/2016	18:00:00	0	34.171	16.4	1932.6
3/22/2016	18:15:00	0	34.204	16.4	1932.6
3/22/2016	18:30:00	0	34.118	16.4	1932.6
3/22/2016	18:45:00	0	34.154	16.4	1932.6
3/22/2016	19:00:00	0	34.089	16.4	1932.6
3/22/2016	19:15:00	0	34.143	16.4	1932.6
3/22/2016	19:30:00	0	34.119	16.4	1932.6
3/22/2016	19:45:00	0	34.195	16.4	1931.5
3/22/2016	20:00:00	0	34.171	16.4	1932.6
3/22/2016	20:15:00	0	34.168	16.4	1932.6
3/22/2016	20:30:00	0	34.161	16.4	1932.6
3/22/2016	20:45:00	0	34.134	16.4	1932.6
3/22/2016	21:00:00	0	34.152	16.4	1932.6
3/22/2016	21:15:00	0	34.169	16.4	1932.6
3/22/2016	21:30:00	0	34.228	16.4	1932.6
3/22/2016	21:45:00	0	34.21	16.4	1932.6
3/22/2016	22:00:00	0	34.168	16.4	1932.6
3/22/2016	22:15:00	0	34.174	16.4	1932.6
3/22/2016	22:30:00	0	34.134	16.4	1932.6
3/22/2016	22:45:00	0	34.214	16.4	1932.6
3/22/2016	23:00:00	0	34.162	16.4	1932.6
3/22/2016	23:15:00	0	34.203	16.4	1932.6
3/22/2016	23:30:00	0	34.121	16.4	1932.6
3/22/2016	23:45:00	0	34.204	16.4	1931.5
3/23/2016	0:00:00	0	34.203	16.4	1932.6
3/23/2016	0:15:00	0	34.162	16.4	1932.6
3/23/2016	0:30:00	0	34.225	16.4	1931.5
3/23/2016	0:45:00	0	34.186	16.4	1932.6
3/23/2016	1:00:00	0	34.183	16.4	1932.6
3/23/2016	1:15:00	0	34.239	16.4	1932.6
3/23/2016	1:30:00	0	34.183	16.4	1932.6
3/23/2016	1:45:00	0	34.189	16.4	1932.6
3/23/2016	2:00:00	0	34.172	16.4	1932.6
3/23/2016	2:15:00	0	34.135	16.4	1931.5
3/23/2016	2:30:00	0	34.181	16.4	1932.6
3/23/2016	2:45:00	0	34.184	16.4	1932.6
3/23/2016	3:00:00	0	34.166	16.4	1932.6
3/23/2016	3:15:00	0	34.186	16.4	1932.6
3/23/2016	3:30:00	0	34.208	16.4	1932.6
3/23/2016	3:45:00	0	34.152	16.4	1932.6
3/23/2016	4:00:00	0	34.19	16.4	1932.6
3/23/2016	4:15:00	0	34.228	16.4	1932.6
3/23/2016	4:30:00	0	34.149	16.4	1932.6



3/23/2016	4:45:00	0	34.186	16.4	1932.6
3/23/2016	5:00:00	0	34.136	16.4	1932.6
3/23/2016	5:15:00	0	34.132	16.4	1932.6
3/23/2016	5:30:00	0	34.246	16.4	1932.6
3/23/2016	5:45:00	0	34.204	16.4	1932.6
3/23/2016	6:00:00	0	34.197	16.4	1932.6
3/23/2016	6:15:00	0	34.154	16.4	1932.6
3/23/2016	6:30:00	0	34.208	16.4	1932.6
3/23/2016	6:45:00	0	34.2	16.4	1932.6
3/23/2016	7:00:00	0	34.17	16.4	1932.6
3/23/2016	7:15:00	0	34.161	16.4	1932.6
3/23/2016	7:30:00	0	34.154	16.4	1932.6
3/23/2016	7:45:00	0	34.166	16.4	1932.6
3/23/2016	8:00:00	0	34.14	16.4	1932.6
3/23/2016	8:15:00	0	34.118	16.4	1932.6
3/23/2016	8:30:00	0	34.173	16.4	1932.6
3/23/2016	8:45:00	0	34.128	16.4	1932.6
3/23/2016	9:00:00	0	34.123	16.4	1932.6
3/23/2016	9:15:00	0	34.2	16.4	1932.6
3/23/2016	9:30:00	0	34.14	16.4	1932.6
3/23/2016	9:45:00	0	34.176	16.4	1932.6
3/23/2016	10:00:00	0	34.158	16.4	1932.6
3/23/2016	10:15:00	0	34.156	16.4	1932.6
3/23/2016	10:30:00	0	34.194	16.4	1932.6
3/23/2016	10:45:00	0	34.16	16.4	1932.6
3/23/2016	11:00:00	0	34.161	16.4	1932.6
3/23/2016	11:15:00	0	34.12	16.4	1932.6
3/23/2016	11:30:00	0	34.166	16.4	1932.6
3/23/2016	11:45:00	0	34.184	16.4	1932.6
3/23/2016	12:00:00	0	34.166	16.4	1932.6
3/23/2016	12:15:00	0	34.171	16.4	1932.6
3/23/2016	12:30:00	0	34.157	16.4	1932.6
3/23/2016	12:45:00	0	34.199	16.4	1932.6
3/23/2016	13:00:00	0	34.137	16.4	1932.6
3/23/2016	13:15:00	0	34.184	16.4	1932.6
3/23/2016	13:30:00	0	34.186	16.4	1932.6
3/23/2016	13:45:00	0	34.168	16.4	1932.6
3/23/2016	14:00:00	0	34.133	16.4	1932.6
3/23/2016	14:15:00	0	34.175	16.4	1932.6
3/23/2016	14:30:00	0	34.156	16.4	1933.8
3/23/2016	14:45:00	0	34.214	16.4	1932.6
3/23/2016	15:00:00	0	34.156	16.4	1932.6
3/23/2016	15:15:00	0	34.197	16.4	1932.6
3/23/2016	15:30:00	0	34.2	16.4	1932.6
3/23/2016	15:45:00	0	34.184	16.4	1932.6
3/23/2016	16:00:00	0	34.207	16.4	1932.6
3/23/2016	16:15:00	0	34.17	16.4	1932.6

3/23/2016	16:30:00	0	34.113	16.4	1932.6
3/23/2016	16:45:00	0	34.175	16.4	1932.6
3/23/2016	17:00:00	0	34.158	16.4	1932.6
3/23/2016	17:15:00	0	34.113	16.4	1932.6
3/23/2016	17:30:00	0	34.207	16.4	1932.6
3/23/2016	17:45:00	0	34.173	16.4	1932.6
3/23/2016	18:00:00	0	34.093	16.4	1932.6
3/23/2016	18:15:00	0	34.21	16.4	1932.6
3/23/2016	18:30:00	0	34.195	16.4	1932.6
3/23/2016	18:45:00	0	34.18	16.4	1932.6
3/23/2016	19:00:00	0	34.179	16.4	1932.6
3/23/2016	19:15:00	0	34.136	16.4	1932.6
3/23/2016	19:30:00	0	34.193	16.4	1932.6
3/23/2016	19:45:00	0	34.167	16.4	1932.6
3/23/2016	20:00:00	0	34.164	16.4	1933.8
3/23/2016	20:15:00	0	34.182	16.4	1932.6
3/23/2016	20:30:00	0	34.144	16.4	1932.6
3/23/2016	20:45:00	0	34.126	16.4	1932.6
3/23/2016	21:00:00	0	34.169	16.4	1932.6
3/23/2016	21:15:00	0	34.203	16.4	1932.6
3/23/2016	21:30:00	0	34.183	16.4	1932.6
3/23/2016	21:45:00	0	34.204	16.4	1933.8
3/23/2016	22:00:00	0	34.185	16.4	1932.6
3/23/2016	22:15:00	0	34.103	16.4	1932.6
3/23/2016	22:30:00	0	34.166	16.4	1932.6
3/23/2016	22:45:00	0	34.144	16.4	1932.6
3/23/2016	23:00:00	0	34.121	16.4	1932.6
3/23/2016	23:15:00	0	34.179	16.4	1933.8
3/23/2016	23:30:00	0	34.161	16.4	1933.8
3/23/2016	23:45:00	0	34.192	16.4	1933.8

\*Daylight Savings Time taken into account for Report 47 figures.

Report Date: 3/24/2016 2:16:01 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-7D LT Test\_2016-03-24\_09-45-31-971-BaroMerge.wsl  
Create Date: 3/24/2016 2:13:47 PM

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

Log Notes:

Date and Time	Note
3/2/2016 4:38:03 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
3/2/2016 4:41:45 PM	Sensor SN: 441205 Cache Timeout: 1000 User Name: CShaw
3/2/2016 4:46:33 PM	Device Taken Offline
3/2/2016 4:47:43 PM	Sensor SN: 441205 Actual conductivity calibration. Cell Constant: 1.00383 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
3/2/2016 4:55:15 PM	Device Put Online
3/2/2016 4:55:16 PM	Sensor SN: 441205 Cache Timeout: 1750 User Name: CShaw
3/2/2016 5:20:15 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 4:15:00 PM Stop Time: 3/2/2016 5:15:00 PM
3/2/2016 5:22:21 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw Interval - Start Time: 3/2/2016 5:15:00 PM Stop Time: 3/2/2016 6:15:00 PM
3/3/2016 11:51:10 AM	Log Download - Used Battery: 0% Used Memory: 1% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 12:45:00 PM
3/10/2016 7:39:34 AM	Log Download - Used Battery: 1% Used Memory: 1% User Name: KMakar
3/17/2016 1:42:42 PM	Log Download - Used Battery: 1% Used Memory: 3% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 2:30:00 PM
3/24/2016 9:43:49 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:45:00 AM
3/24/2016 2:13:47 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-03-24_13-31-57-718.wsl""

Log Data:

Record Count: 855

Sensors: 2

1 - 441205: PCTD 300 PSIA (200.7m/658.7ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: Baro-Adj Calc
658.7ft	658.7ft	658.7ft	658.7ft	
SN#: 441205	SN#: 441205	SN#: 441205	SN#: 441205	SN#:
441205	SN#: 441205	SN#: 441205	SN#: 441205	SN#: 441205
SN#: 441205	SN#: 000000			

Date and Time	Elapsed Time	Corrected Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Corrected Depth (ft)
3/17/2016 12:00:00 AM	30236.057	129600.000	118.772	19.258	270.718
	1.015	33960.332	21.512	23.093	33.073
		14.721			

3/17/2016 12:15:00 AM	130500.000	118.771	19.258	270.716
30424.613	34172.559	21.660	23.237	32.868
1.015	14.719			
3/17/2016 12:30:00 AM	131400.000	118.780	19.258	270.736
30476.527	34230.809	21.701	23.277	32.812
1.015	14.722			
3/17/2016 12:45:00 AM	132300.000	118.776	19.258	270.728
30551.361	34314.664	21.759	23.334	32.732
1.015	14.716			
3/17/2016 1:00:00 AM	133200.000	118.770	19.258	270.713
30523.553	34283.301	21.738	23.313	32.762
1.015	14.717			
3/17/2016 1:15:00 AM	134100.000	118.786	19.258	270.750
30551.871	34315.168	21.760	23.334	32.731
1.015	14.715			
3/17/2016 1:30:00 AM	135000.000	118.760	19.258	270.691
30615.389	34386.645	21.810	23.383	32.663
1.015	14.721			
3/17/2016 1:45:00 AM	135900.000	118.775	19.258	270.724
30643.201	34417.746	21.832	23.404	32.634
1.015	14.714			
3/17/2016 2:00:00 AM	136800.000	118.789	19.259	270.758
30594.184	34362.434	21.793	23.366	32.686
1.015	14.719			
3/17/2016 2:15:00 AM	137700.000	118.764	19.258	270.700
30658.014	34434.582	21.843	23.416	32.618
1.015	14.714			
3/17/2016 2:30:00 AM	138600.000	118.780	19.258	270.736
30698.484	34479.719	21.875	23.446	32.575
1.015	14.706			
3/17/2016 2:45:00 AM	139500.000	118.779	19.258	270.733
30693.848	34474.898	21.871	23.443	32.580
1.015	14.711			
3/17/2016 3:00:00 AM	140400.000	118.782	19.258	270.741
30673.828	34452.086	21.856	23.427	32.601
1.015	14.705			
3/17/2016 3:15:00 AM	141300.000	118.795	19.258	270.770
30734.533	34520.594	21.903	23.474	32.537
1.015	14.700			
3/17/2016 3:30:00 AM	142200.000	118.782	19.259	270.740
30743.680	34530.344	21.910	23.481	32.527
1.015	14.708			
3/17/2016 3:45:00 AM	143100.000	118.781	19.259	270.738
30753.891	34541.688	21.918	23.488	32.516
1.015	14.703			
3/17/2016 4:00:00 AM	144000.000	118.792	19.258	270.763
30737.232	34523.496	21.905	23.476	32.534
1.015	14.698			
3/17/2016 4:15:00 AM	144900.000	118.798	19.258	270.776
30729.926	34515.293	21.900	23.470	32.542
1.015	14.697			
3/17/2016 4:30:00 AM	145800.000	118.793	19.259	270.767
30728.994	34513.594	21.899	23.469	32.543
1.015	14.701			
3/17/2016 4:45:00 AM	146700.000	118.807	19.259	270.797

30725.553	34509.797	21.896	23.467	32.546
1.015	14.703			
3/17/2016 5:00:00 AM	147600.000	118.813	19.259	270.812
30736.922	34522.438	21.905	23.475	32.534
1.015	14.696			
3/17/2016 5:15:00 AM	148500.000	118.819	19.258	270.825
30750.734	34538.332	21.916	23.486	32.520
1.015	14.695			
3/17/2016 5:30:00 AM	149400.000	118.825	19.259	270.840
30738.191	34523.668	21.906	23.476	32.533
1.015	14.697			
3/17/2016 5:45:00 AM	150300.000	118.832	19.259	270.855
30807.408	34601.406	21.960	23.529	32.460
1.015	14.693			
3/17/2016 6:00:00 AM	151200.000	118.849	19.259	270.892
30781.459	34572.715	21.940	23.509	32.487
1.015	14.688			
3/17/2016 6:15:00 AM	152100.000	118.832	19.258	270.856
30809.973	34604.863	21.962	23.531	32.457
1.015	14.695			
3/17/2016 6:30:00 AM	153000.000	118.846	19.259	270.887
30819.387	34615.313	21.970	23.538	32.447
1.015	14.691			
3/17/2016 6:45:00 AM	153900.000	118.853	19.259	270.902
30831.766	34629.152	21.979	23.548	32.434
1.015	14.688			
3/17/2016 7:00:00 AM	154800.000	118.855	19.258	270.907
30783.713	34575.566	21.942	23.511	32.485
1.015	14.692			
3/17/2016 7:15:00 AM	155700.000	118.855	19.259	270.907
30828.104	34625.105	21.977	23.545	32.438
1.015	14.694			
3/17/2016 7:30:00 AM	156600.000	118.867	19.258	270.935
30856.832	34657.570	21.999	23.567	32.408
1.015	14.695			
3/17/2016 7:45:00 AM	157500.000	118.874	19.258	270.951
30825.971	34623.230	21.975	23.544	32.440
1.015	14.694			
3/17/2016 8:00:00 AM	158400.000	118.875	19.259	270.952
30838.604	34636.641	21.985	23.553	32.427
1.015	14.696			
3/17/2016 8:15:00 AM	159300.000	118.864	19.259	270.927
30816.387	34611.750	21.967	23.536	32.450
1.015	14.699			
3/17/2016 8:30:00 AM	160200.000	118.874	19.259	270.950
30819.127	34615.023	21.970	23.538	32.447
1.015	14.699			
3/17/2016 8:45:00 AM	161100.000	118.884	19.259	270.973
30856.865	34657.406	21.999	23.567	32.408
1.015	14.695			
3/17/2016 9:00:00 AM	162000.000	118.877	19.259	270.957
30804.920	34599.004	21.958	23.527	32.462
1.015	14.697			
3/17/2016 9:15:00 AM	162900.000	118.883	19.259	270.971
30820.371	34616.480	21.971	23.539	32.446

1.015	14.697			
3/17/2016 9:30:00 AM	163800.000	118.877	19.258	270.958
30850.391	34650.262	21.994	23.562	32.415
1.015	14.696			
3/17/2016 9:45:00 AM	164700.000	118.877	19.259	270.957
30845.402	34644.598	21.990	23.558	32.420
1.015	14.694			
3/17/2016 10:00:00 AM	165600.000	118.869	19.259	270.940
30835.607	34633.469	21.982	23.551	32.430
1.015	14.698			
3/17/2016 10:15:00 AM	166500.000	118.874	19.257	270.950
30875.838	34679.695	22.015	23.582	32.388
1.015	14.699			
3/17/2016 10:30:00 AM	167400.000	118.860	19.259	270.919
30918.766	34726.934	22.048	23.614	32.343
1.015	14.699			
3/17/2016 10:45:00 AM	168300.000	118.864	19.258	270.928
30887.973	34692.473	22.024	23.591	32.375
1.015	14.702			
3/17/2016 11:00:00 AM	169200.000	118.868	19.258	270.937
30936.615	34747.695	22.062	23.628	32.324
1.015	14.689			
3/17/2016 11:15:00 AM	170100.000	118.855	19.257	270.908
30993.936	34812.539	22.108	23.673	32.264
1.015	14.693			
3/17/2016 11:30:00 AM	171000.000	118.841	19.258	270.876
30951.861	34764.230	22.074	23.640	32.308
1.015	14.694			
3/17/2016 11:45:00 AM	171900.000	118.849	19.258	270.894
30985.861	34802.754	22.101	23.666	32.273
1.015	14.685			
3/17/2016 12:00:00 PM	172800.000	118.825	19.259	270.840
30994.529	34811.902	22.107	23.672	32.264
1.015	14.688			
3/17/2016 12:15:00 PM	173700.000	118.823	19.258	270.835
31001.914	34820.586	22.113	23.678	32.256
1.015	14.691			
3/17/2016 12:30:00 PM	174600.000	118.809	19.258	270.803
31015.426	34835.699	22.124	23.688	32.242
1.015	14.695			
3/17/2016 12:45:00 PM	175500.000	118.821	19.259	270.830
30983.592	34799.805	22.099	23.664	32.275
1.015	14.689			
3/17/2016 1:00:00 PM	176400.000	118.794	19.258	270.767
31000.447	34818.801	22.112	23.677	32.258
1.015	14.693			
3/17/2016 1:15:00 PM	177300.000	118.796	19.258	270.774
30998.695	34816.906	22.111	23.675	32.259
1.015	14.689			
3/17/2016 1:30:00 PM	178200.000	118.778	19.258	270.731
30994.449	34812.262	22.108	23.672	32.264
1.015	14.692			
3/17/2016 1:45:00 PM	179100.000	118.774	19.258	270.722
30992.273	34809.695	22.106	23.671	32.266
1.015	14.688			

3/17/2016 2:00:00 PM	180000.000	118.766	19.258	270.704
31029.674	34852.281	22.136	23.700	32.227
1.015	14.689			
3/17/2016 2:15:00 PM	180900.000	118.759	19.257	270.688
31052.189	34877.773	22.153	23.717	32.204
1.015	14.687			
3/17/2016 2:30:00 PM	181800.000	118.750	19.258	270.667
31052.334	34877.078	22.153	23.716	32.204
1.015	14.690			
3/17/2016 2:45:00 PM	182700.000	118.758	19.257	270.687
31040.113	34864.082	22.144	23.708	32.216
1.015	14.675			
3/17/2016 3:00:00 PM	183600.000	118.737	19.258	270.637
31074.166	34902.129	22.171	23.733	32.181
1.015	14.684			
3/17/2016 3:15:00 PM	184500.000	118.730	19.259	270.623
31085.158	34913.883	22.179	23.741	32.170
1.015	14.683			
3/17/2016 3:30:00 PM	185400.000	118.720	19.258	270.599
31082.498	34911.156	22.177	23.740	32.172
1.015	14.684			
3/17/2016 3:45:00 PM	186300.000	118.725	19.258	270.610
31085.936	34915.086	22.180	23.742	32.169
1.015	14.682			
3/17/2016 4:00:00 PM	187200.000	118.718	19.258	270.595
31097.135	34927.930	22.189	23.751	32.157
1.015	14.684			
3/17/2016 4:15:00 PM	188100.000	118.715	19.257	270.589
31093.654	34924.219	22.186	23.748	32.161
1.015	14.680			
3/17/2016 4:30:00 PM	189000.000	118.716	19.257	270.590
31070.180	34898.039	22.168	23.731	32.185
1.015	14.680			
3/17/2016 4:45:00 PM	189900.000	118.704	19.258	270.563
31072.852	34900.523	22.169	23.732	32.182
1.015	14.676			
3/17/2016 5:00:00 PM	190800.000	118.710	19.258	270.576
31105.195	34936.719	22.195	23.757	32.149
1.015	14.678			
3/17/2016 5:15:00 PM	191700.000	118.700	19.257	270.554
31104.896	34937.105	22.195	23.757	32.149
1.015	14.682			
3/17/2016 5:30:00 PM	192600.000	118.707	19.257	270.571
31096.994	34928.156	22.189	23.751	32.157
1.015	14.684			
3/17/2016 5:45:00 PM	193500.000	118.714	19.258	270.586
31093.010	34923.422	22.185	23.748	32.162
1.015	14.681			
3/17/2016 6:00:00 PM	194400.000	118.719	19.258	270.598
31133.240	34968.543	22.217	23.779	32.120
1.015	14.678			
3/17/2016 6:15:00 PM	195300.000	118.718	19.258	270.595
31132.271	34967.328	22.216	23.778	32.121
1.015	14.687			
3/17/2016 6:30:00 PM	196200.000	118.724	19.257	270.609



31139.881	34976.328	22.222	23.784	32.113
1.015	14.686			
3/17/2016 6:45:00 PM	197100.000	118.729	19.258	270.621
31131.572	34966.609	22.216	23.777	32.122
1.015	14.687			
3/17/2016 7:00:00 PM	198000.000	118.731	19.258	270.625
31127.773	34962.078	22.213	23.774	32.126
1.015	14.694			
3/17/2016 7:15:00 PM	198900.000	118.741	19.257	270.648
31173.551	35014.086	22.249	23.810	32.078
1.015	14.690			
3/17/2016 7:30:00 PM	199800.000	118.743	19.258	270.651
31153.924	34991.777	22.233	23.794	32.099
1.015	14.693			
3/17/2016 7:45:00 PM	200700.000	118.743	19.258	270.652
31179.896	35020.754	22.254	23.814	32.072
1.015	14.692			
3/17/2016 8:00:00 PM	201600.000	118.746	19.258	270.659
31190.924	35033.207	22.262	23.823	32.061
1.015	14.703			
3/17/2016 8:15:00 PM	202500.000	118.760	19.258	270.691
31147.639	34984.457	22.228	23.789	32.105
1.015	14.701			
3/17/2016 8:30:00 PM	203400.000	118.767	19.258	270.706
31147.613	34984.363	22.228	23.789	32.105
1.015	14.699			
3/17/2016 8:45:00 PM	204300.000	118.762	19.258	270.694
31161.207	34999.828	22.239	23.800	32.091
1.015	14.710			
3/17/2016 9:00:00 PM	205200.000	118.769	19.258	270.711
31158.971	34997.316	22.237	23.798	32.093
1.015	14.704			
3/17/2016 9:15:00 PM	206100.000	118.776	19.257	270.728
31166.982	35006.582	22.244	23.804	32.085
1.015	14.703			
3/17/2016 9:30:00 PM	207000.000	118.780	19.259	270.736
31155.879	34993.313	22.234	23.795	32.097
1.015	14.707			
3/17/2016 9:45:00 PM	207900.000	118.781	19.258	270.738
31166.889	35005.816	22.243	23.804	32.085
1.015	14.709			
3/17/2016 10:00:00 PM	208800.000	118.786	19.258	270.750
31182.619	35023.609	22.256	23.816	32.069
1.015	14.712			
3/17/2016 10:15:00 PM	209700.000	118.784	19.259	270.745
31195.697	35037.910	22.266	23.826	32.056
1.015	14.707			
3/17/2016 10:30:00 PM	210600.000	118.798	19.258	270.776
31192.846	35035.367	22.264	23.824	32.059
1.015	14.710			
3/17/2016 10:45:00 PM	211500.000	118.784	19.258	270.745
31173.955	35013.879	22.249	23.809	32.078
1.015	14.715			
3/17/2016 11:00:00 PM	212400.000	118.789	19.258	270.758
31126.094	34960.262	22.211	23.773	32.127

1.015	14.713			
3/17/2016 11:15:00 PM	213300.000	118.792	19.258	270.763
31136.117	34971.840	22.219	23.781	32.117
1.015	14.710			
3/17/2016 11:30:00 PM	214200.000	118.800	19.257	270.781
31168.994	35008.902	22.245	23.806	32.083
1.015	14.710			
3/17/2016 11:45:00 PM	215100.000	118.798	19.258	270.777
31155.340	34993.172	22.234	23.795	32.097
1.015	14.712			
3/18/2016 12:00:00 AM	216000.000	118.794	19.258	270.768
31162.729	35001.539	22.240	23.801	32.090
1.015	14.714			
3/18/2016 12:15:00 AM	216900.000	118.787	19.257	270.752
31190.145	35032.785	22.262	23.822	32.061
1.015	14.712			
3/18/2016 12:30:00 AM	217800.000	118.794	19.258	270.768
31179.088	35019.781	22.253	23.813	32.073
1.015	14.708			
3/18/2016 12:45:00 AM	218700.000	118.795	19.258	270.769
31155.727	34993.863	22.235	23.796	32.097
1.015	14.707			
3/18/2016 1:00:00 AM	219600.000	118.793	19.258	270.766
31172.615	35012.574	22.248	23.809	32.079
1.015	14.705			
3/18/2016 1:15:00 AM	220500.000	118.789	19.258	270.758
31185.277	35027.055	22.258	23.818	32.066
1.015	14.709			
3/18/2016 1:30:00 AM	221400.000	118.794	19.258	270.767
31184.305	35025.504	22.257	23.817	32.067
1.015	14.708			
3/18/2016 1:45:00 AM	222300.000	118.781	19.258	270.738
31178.619	35019.254	22.253	23.813	32.073
1.015	14.705			
3/18/2016 2:00:00 AM	223200.000	118.788	19.258	270.755
31193.680	35036.367	22.265	23.825	32.058
1.015	14.709			
3/18/2016 2:15:00 AM	224100.000	118.773	19.258	270.721
31187.162	35028.914	22.259	23.820	32.064
1.015	14.710			
3/18/2016 2:30:00 AM	225000.000	118.782	19.258	270.741
31211.277	35056.133	22.278	23.838	32.040
1.015	14.703			
3/18/2016 2:45:00 AM	225900.000	118.784	19.258	270.745
31196.943	35040.160	22.267	23.827	32.054
1.015	14.706			
3/18/2016 3:00:00 AM	226800.000	118.774	19.257	270.722
31166.104	35005.656	22.243	23.804	32.086
1.015	14.705			
3/18/2016 3:15:00 AM	227700.000	118.780	19.258	270.736
31186.777	35028.219	22.259	23.819	32.065
1.015	14.704			
3/18/2016 3:30:00 AM	228600.000	118.778	19.257	270.733
31192.857	35036.160	22.264	23.825	32.059
1.015	14.705			

3/18/2016 3:45:00 AM	229500.000	118.775	19.258	270.724
31217.172	35062.621	22.283	23.843	32.034
1.015	14.703			
3/18/2016 4:00:00 AM	230400.000	118.786	19.258	270.750
31208.066	35052.066	22.276	23.835	32.043
1.015	14.697			
3/18/2016 4:15:00 AM	231300.000	118.784	19.258	270.746
31174.494	35014.621	22.249	23.810	32.078
1.015	14.702			
3/18/2016 4:30:00 AM	232200.000	118.817	19.258	270.822
31201.547	35045.266	22.271	23.831	32.050
1.015	14.696			
3/18/2016 4:45:00 AM	233100.000	118.795	19.258	270.771
31169.754	35009.430	22.246	23.806	32.082
1.015	14.704			
3/18/2016 5:00:00 AM	234000.000	118.803	19.258	270.789
31193.008	35035.738	22.264	23.824	32.058
1.015	14.694			
3/18/2016 5:15:00 AM	234900.000	118.781	19.258	270.739
31168.725	35008.141	22.245	23.806	32.083
1.015	14.713			
3/18/2016 5:30:00 AM	235800.000	118.806	19.257	270.796
31206.926	35051.508	22.275	23.835	32.044
1.015	14.700			
3/18/2016 5:45:00 AM	236700.000	118.801	19.258	270.785
31222.996	35069.164	22.288	23.847	32.028
1.015	14.706			
3/18/2016 6:00:00 AM	237600.000	118.814	19.258	270.814
31190.666	35032.848	22.262	23.822	32.061
1.015	14.709			
3/18/2016 6:15:00 AM	238500.000	118.822	19.258	270.832
31202.908	35046.859	22.272	23.832	32.048
1.015	14.712			
3/18/2016 6:30:00 AM	239400.000	118.813	19.259	270.812
31205.588	35049.145	22.274	23.833	32.046
1.015	14.714			
3/18/2016 6:45:00 AM	240300.000	118.823	19.257	270.834
31196.348	35039.891	22.267	23.827	32.055
1.015	14.714			
3/18/2016 7:00:00 AM	241200.000	118.827	19.258	270.843
31203.227	35047.152	22.272	23.832	32.048
1.015	14.715			
3/18/2016 7:15:00 AM	242100.000	118.827	19.258	270.843
31195.924	35038.625	22.266	23.826	32.055
1.015	14.717			
3/18/2016 7:30:00 AM	243000.000	118.837	19.258	270.867
31237.850	35085.520	22.299	23.858	32.012
1.015	14.725			
3/18/2016 7:45:00 AM	243900.000	118.847	19.257	270.889
31216.227	35061.957	22.282	23.842	32.035
1.015	14.719			
3/18/2016 8:00:00 AM	244800.000	118.859	19.258	270.916
31251.957	35101.488	22.310	23.869	31.998
1.015	14.720			
3/18/2016 8:15:00 AM	245700.000	118.853	19.258	270.904

31232.805	35079.977	22.295	23.854	32.018
1.015	14.720			
3/18/2016 8:30:00 AM	246600.000	118.862	19.258	270.924
31220.684	35066.238	22.286	23.845	32.030
1.015	14.721			
3/18/2016 8:45:00 AM	247500.000	118.864	19.259	270.928
31231.451	35078.129	22.294	23.853	32.019
1.015	14.733			
3/18/2016 9:00:00 AM	248400.000	118.862	19.258	270.923
31254.523	35104.441	22.312	23.871	31.995
1.015	14.730			
3/18/2016 9:15:00 AM	249300.000	118.871	19.258	270.943
31257.006	35107.555	22.314	23.873	31.993
1.015	14.734			
3/18/2016 9:30:00 AM	250200.000	118.869	19.258	270.940
31258.813	35109.391	22.316	23.874	31.991
1.015	14.732			
3/18/2016 9:45:00 AM	251100.000	118.872	19.258	270.947
31227.086	35073.355	22.291	23.850	32.023
1.015	14.733			
3/18/2016 10:00:00 AM	252000.000	118.870	19.258	270.941
31267.455	35119.098	22.323	23.881	31.982
1.015	14.735			
3/18/2016 10:15:00 AM	252900.000	118.858	19.257	270.914
31249.947	35099.953	22.309	23.868	32.000
1.015	14.744			
3/18/2016 10:30:00 AM	253800.000	118.871	19.257	270.945
31222.150	35068.547	22.287	23.847	32.029
1.015	14.739			
3/18/2016 10:45:00 AM	254700.000	118.861	19.258	270.922
31219.195	35065.152	22.285	23.844	32.032
1.015	14.746			
3/18/2016 11:00:00 AM	255600.000	118.862	19.257	270.923
31235.580	35083.887	22.298	23.857	32.015
1.015	14.740			
3/18/2016 11:15:00 AM	256500.000	118.863	19.258	270.924
31230.320	35077.457	22.293	23.853	32.020
1.015	14.739			
3/18/2016 11:30:00 AM	257400.000	118.860	19.257	270.919
31238.715	35087.410	22.300	23.859	32.012
1.015	14.745			
3/18/2016 11:45:00 AM	258300.000	118.839	19.258	270.872
31222.801	35069.074	22.287	23.847	32.028
1.015	14.748			
3/18/2016 12:00:00 PM	259200.000	118.847	19.258	270.888
31251.873	35101.793	22.310	23.869	31.998
1.015	14.751			
3/18/2016 12:15:00 PM	260100.000	118.830	19.257	270.850
31219.256	35065.555	22.285	23.845	32.032
1.015	14.749			
3/18/2016 12:30:00 PM	261000.000	118.838	19.258	270.868
31220.457	35066.109	22.285	23.845	32.030
1.015	14.748			
3/18/2016 12:45:00 PM	261900.000	118.844	19.258	270.883
31228.084	35074.945	22.292	23.851	32.022

1.015	14.753			
3/18/2016 1:00:00 PM	262800.000	118.810	19.258	270.806
31250.154	35099.465	22.309	23.868	32.000
1.015	14.749			
3/18/2016 1:15:00 PM	263700.000	118.802	19.258	270.786
31291.379	35146.035	22.341	23.899	31.958
1.015	14.742			
3/18/2016 1:30:00 PM	264600.000	118.789	19.258	270.757
31299.232	35154.527	22.347	23.905	31.950
1.015	14.746			
3/18/2016 1:45:00 PM	265500.000	118.782	19.258	270.740
31245.508	35094.445	22.305	23.864	32.005
1.015	14.745			
3/18/2016 2:00:00 PM	266400.000	118.781	19.257	270.738
31262.578	35114.281	22.319	23.878	31.987
1.015	14.734			
3/18/2016 2:15:00 PM	267300.000	118.764	19.258	270.699
31236.459	35084.285	22.298	23.857	32.014
1.015	14.739			
3/18/2016 2:30:00 PM	268200.000	118.754	19.258	270.677
31263.057	35114.352	22.319	23.878	31.987
1.015	14.737			
3/18/2016 2:45:00 PM	269100.000	118.746	19.258	270.660
31233.188	35080.867	22.296	23.855	32.017
1.015	14.735			
3/18/2016 3:00:00 PM	270000.000	118.740	19.257	270.644
31237.775	35086.160	22.299	23.859	32.013
1.015	14.731			
3/18/2016 3:15:00 PM	270900.000	118.733	19.257	270.628
31266.314	35118.340	22.322	23.880	31.983
1.015	14.726			
3/18/2016 3:30:00 PM	271800.000	118.720	19.257	270.600
31227.557	35074.945	22.292	23.851	32.023
1.015	14.726			
3/18/2016 3:45:00 PM	272700.000	118.715	19.258	270.588
31233.666	35081.277	22.296	23.855	32.017
1.015	14.725			
3/18/2016 4:00:00 PM	273600.000	118.708	19.258	270.571
31257.316	35107.906	22.315	23.873	31.993
1.015	14.722			
3/18/2016 4:15:00 PM	274500.000	118.702	19.257	270.560
31262.611	35114.250	22.319	23.878	31.987
1.015	14.726			
3/18/2016 4:30:00 PM	275400.000	118.683	19.257	270.516
31253.049	35103.313	22.311	23.870	31.997
1.015	14.731			
3/18/2016 4:45:00 PM	276300.000	118.693	19.258	270.539
31258.760	35109.590	22.316	23.875	31.991
1.015	14.720			
3/18/2016 5:00:00 PM	277200.000	118.693	19.257	270.537
31244.363	35094.012	22.305	23.864	32.006
1.015	14.728			
3/18/2016 5:15:00 PM	278100.000	118.681	19.258	270.510
31274.594	35127.184	22.328	23.886	31.975
1.015	14.722			

3/18/2016 5:30:00 PM	279000.000	118.674	19.257	270.495
31272.473	35125.395	22.327	23.885	31.977
1.015	14.732			
3/18/2016 5:45:00 PM	279900.000	118.688	19.258	270.527
31264.754	35116.258	22.321	23.879	31.985
1.015	14.723			
3/18/2016 6:00:00 PM	280800.000	118.681	19.257	270.512
31271.697	35124.457	22.326	23.885	31.978
1.015	14.725			
3/18/2016 6:15:00 PM	281700.000	118.683	19.257	270.516
31245.496	35094.895	22.306	23.865	32.005
1.015	14.729			
3/18/2016 6:30:00 PM	282600.000	118.665	19.258	270.474
31267.600	35119.391	22.323	23.881	31.982
1.015	14.733			
3/18/2016 6:45:00 PM	283500.000	118.692	19.258	270.536
31239.592	35087.934	22.301	23.860	32.011
1.015	14.732			
3/18/2016 7:00:00 PM	284400.000	118.680	19.257	270.509
31245.609	35094.957	22.306	23.865	32.004
1.015	14.729			
3/18/2016 7:15:00 PM	285300.000	118.683	19.257	270.514
31271.639	35124.258	22.326	23.884	31.978
1.015	14.730			
3/18/2016 7:30:00 PM	286200.000	118.675	19.258	270.497
31204.055	35047.957	22.273	23.833	32.047
1.015	14.735			
3/18/2016 7:45:00 PM	287100.000	118.688	19.257	270.528
31217.109	35063.012	22.283	23.843	32.034
1.015	14.738			
3/18/2016 8:00:00 PM	288000.000	118.683	19.256	270.514
31203.467	35048.410	22.273	23.833	32.048
1.015	14.733			
3/18/2016 8:15:00 PM	288900.000	118.692	19.257	270.536
31235.396	35083.422	22.298	23.857	32.015
1.015	14.740			
3/18/2016 8:30:00 PM	289800.000	118.689	19.257	270.530
31218.848	35065.094	22.285	23.844	32.032
1.015	14.736			
3/18/2016 8:45:00 PM	290700.000	118.707	19.258	270.570
31222.006	35068.246	22.287	23.846	32.029
1.015	14.735			
3/18/2016 9:00:00 PM	291600.000	118.699	19.257	270.552
31234.400	35082.434	22.297	23.856	32.016
1.015	14.743			
3/18/2016 9:15:00 PM	292500.000	118.708	19.257	270.573
31230.846	35078.375	22.294	23.853	32.020
1.015	14.741			
3/18/2016 9:30:00 PM	293400.000	118.705	19.258	270.566
31260.518	35111.242	22.317	23.876	31.989
1.015	14.741			
3/18/2016 9:45:00 PM	294300.000	118.706	19.257	270.568
31251.068	35101.285	22.310	23.869	31.999
1.015	14.743			
3/18/2016 10:00:00 PM	295200.000	118.740	19.257	270.645

31240.738	35089.941	22.302	23.861	32.009
1.015	14.745			
3/18/2016 10:15:00 PM	296100.000	118.708	19.257	270.572
31254.494	35105.063	22.313	23.871	31.995
1.015	14.747			
3/18/2016 10:30:00 PM	297000.000	118.723	19.257	270.606
31255.471	35106.297	22.314	23.872	31.994
1.015	14.749			
3/18/2016 10:45:00 PM	297900.000	118.717	19.258	270.592
31233.381	35080.828	22.296	23.855	32.017
1.015	14.743			
3/18/2016 11:00:00 PM	298800.000	118.715	19.257	270.588
31244.291	35093.672	22.305	23.864	32.006
1.015	14.746			
3/18/2016 11:15:00 PM	299700.000	118.727	19.257	270.617
31218.107	35064.332	22.284	23.844	32.033
1.015	14.741			
3/18/2016 11:30:00 PM	300600.000	118.729	19.257	270.620
31254.078	35104.469	22.312	23.871	31.996
1.015	14.742			
3/18/2016 11:45:00 PM	301500.000	118.745	19.257	270.656
31243.156	35092.328	22.304	23.863	32.007
1.015	14.743			
3/19/2016 12:00:00 AM	302400.000	118.727	19.257	270.616
31249.154	35098.941	22.308	23.867	32.001
1.015	14.741			
3/19/2016 12:15:00 AM	303300.000	118.715	19.257	270.588
31234.961	35083.379	22.298	23.857	32.015
1.015	14.743			
3/19/2016 12:30:00 AM	304200.000	118.711	19.257	270.579
31267.041	35119.414	22.323	23.881	31.983
1.015	14.747			
3/19/2016 12:45:00 AM	305100.000	118.707	19.257	270.570
31262.498	35114.383	22.319	23.878	31.987
1.015	14.748			
3/19/2016 1:00:00 AM	306000.000	118.709	19.257	270.575
31256.115	35106.820	22.314	23.873	31.994
1.015	14.746			
3/19/2016 1:15:00 AM	306900.000	118.718	19.257	270.595
31275.012	35128.105	22.329	23.887	31.974
1.015	14.748			
3/19/2016 1:30:00 AM	307800.000	118.703	19.257	270.561
31272.979	35126.348	22.328	23.886	31.976
1.015	14.749			
3/19/2016 1:45:00 AM	308700.000	118.693	19.257	270.539
31244.473	35094.063	22.305	23.864	32.006
1.015	14.748			
3/19/2016 2:00:00 AM	309600.000	118.701	19.257	270.556
31260.045	35111.555	22.317	23.876	31.990
1.015	14.744			
3/19/2016 2:15:00 AM	310500.000	118.699	19.256	270.551
31280.693	35135.090	22.334	23.892	31.969
1.015	14.746			
3/19/2016 2:30:00 AM	311400.000	118.689	19.257	270.530
31270.355	35122.754	22.325	23.883	31.979

1.015	14.749			
3/19/2016 2:45:00 AM	312300.000	118.691	19.257	270.534
31258.680	35110.289	22.316	23.875	31.991
1.015	14.741			
3/19/2016 3:00:00 AM	313200.000	118.693	19.257	270.537
31292.998	35148.641	22.343	23.901	31.956
1.015	14.742			
3/19/2016 3:15:00 AM	314100.000	118.681	19.257	270.512
31288.357	35143.234	22.339	23.897	31.961
1.015	14.748			
3/19/2016 3:30:00 AM	315000.000	118.670	19.258	270.487
31291.098	35145.910	22.341	23.899	31.958
1.015	14.745			
3/19/2016 3:45:00 AM	315900.000	118.667	19.257	270.479
31280.869	35134.625	22.333	23.892	31.968
1.015	14.749			
3/19/2016 4:00:00 AM	316800.000	118.667	19.257	270.478
31266.787	35119.266	22.323	23.881	31.983
1.015	14.742			
3/19/2016 4:15:00 AM	317700.000	118.671	19.257	270.487
31244.945	35094.664	22.305	23.864	32.005
1.015	14.746			
3/19/2016 4:30:00 AM	318600.000	118.664	19.256	270.471
31267.908	35120.793	22.324	23.882	31.982
1.015	14.750			
3/19/2016 4:45:00 AM	319500.000	118.669	19.257	270.484
31279.865	35133.957	22.333	23.891	31.969
1.015	14.743			
3/19/2016 5:00:00 AM	320400.000	118.668	19.257	270.481
31277.688	35131.371	22.331	23.889	31.972
1.015	14.745			
3/19/2016 5:15:00 AM	321300.000	118.663	19.257	270.469
31306.480	35163.523	22.354	23.911	31.942
1.015	14.747			
3/19/2016 5:30:00 AM	322200.000	118.655	19.257	270.452
31275.373	35128.582	22.329	23.887	31.974
1.015	14.749			
3/19/2016 5:45:00 AM	323100.000	118.660	19.257	270.462
31262.916	35114.660	22.319	23.878	31.987
1.015	14.745			
3/19/2016 6:00:00 AM	324000.000	118.698	19.256	270.548
31281.533	35136.152	22.334	23.893	31.968
1.015	14.748			
3/19/2016 6:15:00 AM	324900.000	118.672	19.256	270.490
31298.543	35155.203	22.348	23.906	31.950
1.015	14.757			
3/19/2016 6:30:00 AM	325800.000	118.673	19.258	270.493
31268.102	35119.957	22.323	23.882	31.981
1.015	14.755			
3/19/2016 6:45:00 AM	326700.000	118.680	19.257	270.507
31261.578	35113.215	22.318	23.877	31.988
1.015	14.752			
3/19/2016 7:00:00 AM	327600.000	118.677	19.257	270.503
31283.857	35138.371	22.336	23.894	31.965
1.015	14.749			



3/19/2016 7:15:00 AM	328500.000	118.687	19.257	270.525
31262.080	35113.840	22.319	23.877	31.988
1.015	14.755			
3/19/2016 7:30:00 AM	329400.000	118.690	19.257	270.532
31307.541	35165.043	22.355	23.912	31.941
1.015	14.754			
3/19/2016 7:45:00 AM	330300.000	118.678	19.257	270.503
31282.141	35136.184	22.335	23.893	31.967
1.015	14.764			
3/19/2016 8:00:00 AM	331200.000	118.693	19.257	270.539
31316.021	35174.430	22.361	23.919	31.933
1.015	14.764			
3/19/2016 8:15:00 AM	332100.000	118.707	19.257	270.569
31330.826	35191.059	22.373	23.930	31.917
1.015	14.760			
3/19/2016 8:30:00 AM	333000.000	118.717	19.257	270.592
31309.424	35166.957	22.356	23.914	31.939
1.015	14.762			
3/19/2016 8:45:00 AM	333900.000	118.717	19.257	270.592
31305.512	35162.563	22.353	23.911	31.943
1.015	14.762			
3/19/2016 9:00:00 AM	334800.000	118.717	19.257	270.594
31298.621	35155.023	22.348	23.905	31.950
1.015	14.768			
3/19/2016 9:15:00 AM	335700.000	118.730	19.257	270.623
31296.703	35152.668	22.346	23.904	31.952
1.015	14.763			
3/19/2016 9:30:00 AM	336600.000	118.716	19.256	270.591
31300.424	35157.250	22.349	23.907	31.948
1.015	14.767			
3/19/2016 9:45:00 AM	337500.000	118.730	19.257	270.623
31320.738	35179.727	22.365	23.922	31.928
1.015	14.764			
3/19/2016 10:00:00 AM	338400.000	118.730	19.257	270.622
31330.201	35189.973	22.372	23.929	31.918
1.015	14.765			
3/19/2016 10:15:00 AM	339300.000	118.735	19.257	270.633
31332.615	35192.945	22.374	23.931	31.916
1.015	14.768			
3/19/2016 10:30:00 AM	340200.000	118.728	19.257	270.619
31311.701	35169.457	22.358	23.915	31.937
1.015	14.773			
3/19/2016 10:45:00 AM	341100.000	118.735	19.256	270.634
31323.230	35182.867	22.367	23.924	31.925
1.015	14.766			
3/19/2016 11:00:00 AM	342000.000	118.734	19.257	270.631
31322.697	35181.809	22.367	23.924	31.926
1.015	14.768			
3/19/2016 11:15:00 AM	342900.000	118.731	19.257	270.624
31330.896	35190.816	22.373	23.930	31.917
1.015	14.765			
3/19/2016 11:30:00 AM	343800.000	118.728	19.256	270.617
31321.295	35180.758	22.366	23.923	31.927
1.015	14.766			
3/19/2016 11:45:00 AM	344700.000	118.722	19.257	270.604

31362.381	35226.641	22.398	23.954	31.885
1.015	14.767			
3/19/2016 12:00:00 PM	345600.000	118.717	19.257	270.592
31318.539	35177.137	22.363	23.920	31.930
1.015	14.767			
3/19/2016 12:15:00 PM	346500.000	118.717	19.257	270.592
31327.004	35186.965	22.370	23.927	31.921
1.015	14.765			
3/19/2016 12:30:00 PM	347400.000	118.716	19.257	270.590
31344.910	35206.816	22.384	23.941	31.903
1.015	14.764			
3/19/2016 12:45:00 PM	348300.000	118.718	19.257	270.595
31347.412	35209.824	22.386	23.943	31.901
1.015	14.760			
3/19/2016 1:00:00 PM	349200.000	118.701	19.256	270.556
31350.625	35213.699	22.389	23.945	31.897
1.015	14.767			
3/19/2016 1:15:00 PM	350100.000	118.696	19.256	270.544
31348.631	35211.520	22.387	23.944	31.899
1.015	14.766			
3/19/2016 1:30:00 PM	351000.000	118.686	19.258	270.522
31362.396	35225.992	22.398	23.954	31.885
1.015	14.769			
3/19/2016 1:45:00 PM	351900.000	118.670	19.257	270.485
31365.357	35229.980	22.400	23.956	31.882
1.015	14.766			
3/19/2016 2:00:00 PM	352800.000	118.678	19.257	270.505
31362.115	35226.406	22.398	23.954	31.886
1.015	14.764			
3/19/2016 2:15:00 PM	353700.000	118.656	19.257	270.454
31361.262	35225.180	22.397	23.953	31.886
1.015	14.767			
3/19/2016 2:30:00 PM	354600.000	118.677	19.257	270.501
31361.203	35224.988	22.397	23.953	31.887
1.015	14.762			
3/19/2016 2:45:00 PM	355500.000	118.653	19.257	270.448
31341.051	35202.543	22.381	23.938	31.907
1.015	14.759			
3/19/2016 3:00:00 PM	356400.000	118.629	19.256	270.392
31337.318	35198.754	22.378	23.935	31.911
1.015	14.763			
3/19/2016 3:15:00 PM	357300.000	118.629	19.256	270.392
31325.094	35185.023	22.369	23.926	31.923
1.015	14.754			
3/19/2016 3:30:00 PM	358200.000	118.621	19.257	270.374
31366.369	35231.184	22.401	23.957	31.881
1.015	14.751			
3/19/2016 3:45:00 PM	359100.000	118.605	19.256	270.338
31370.533	35236.523	22.405	23.961	31.877
1.015	14.750			
3/19/2016 4:00:00 PM	360000.000	118.593	19.256	270.309
31385.033	35252.285	22.416	23.972	31.862
1.015	14.757			
3/19/2016 4:15:00 PM	360900.000	118.588	19.257	270.299
31359.139	35223.125	22.395	23.952	31.889

1.015	14.752			
3/19/2016 4:30:00 PM	361800.000	118.584	19.256	270.289
31350.148	35213.223	22.389	23.945	31.898
1.015	14.751			
3/19/2016 4:45:00 PM	362700.000	118.584	19.257	270.289
31344.729	35206.875	22.384	23.941	31.903
1.015	14.744			
3/19/2016 5:00:00 PM	363600.000	118.570	19.256	270.257
31388.924	35256.844	22.419	23.975	31.858
1.015	14.748			
3/19/2016 5:15:00 PM	364500.000	118.564	19.257	270.243
31357.869	35221.699	22.394	23.951	31.890
1.015	14.746			
3/19/2016 5:30:00 PM	365400.000	118.552	19.256	270.218
31343.068	35205.473	22.383	23.940	31.905
1.015	14.750			
3/19/2016 5:45:00 PM	366300.000	118.550	19.256	270.213
31358.160	35222.164	22.395	23.951	31.890
1.015	14.748			
3/19/2016 6:00:00 PM	367200.000	118.545	19.257	270.200
31341.074	35202.707	22.381	23.938	31.907
1.015	14.743			
3/19/2016 6:15:00 PM	368100.000	118.546	19.256	270.204
31370.080	35235.680	22.404	23.960	31.878
1.015	14.745			
3/19/2016 6:30:00 PM	369000.000	118.533	19.257	270.173
31358.441	35222.277	22.395	23.951	31.889
1.015	14.745			
3/19/2016 6:45:00 PM	369900.000	118.544	19.256	270.198
31377.432	35244.070	22.410	23.966	31.870
1.015	14.747			
3/19/2016 7:00:00 PM	370800.000	118.537	19.256	270.182
31372.891	35238.648	22.406	23.962	31.875
1.015	14.745			
3/19/2016 7:15:00 PM	371700.000	118.544	19.256	270.199
31378.053	35244.445	22.410	23.966	31.869
1.015	14.743			
3/19/2016 7:30:00 PM	372600.000	118.541	19.256	270.192
31358.410	35222.641	22.395	23.951	31.889
1.015	14.741			
3/19/2016 7:45:00 PM	373500.000	118.538	19.256	270.184
31370.354	35235.859	22.404	23.960	31.877
1.015	14.743			
3/19/2016 8:00:00 PM	374400.000	118.534	19.256	270.175
31369.674	35235.223	22.404	23.960	31.878
1.015	14.750			
3/19/2016 8:15:00 PM	375300.000	118.568	19.256	270.253
31348.656	35211.816	22.388	23.944	31.899
1.015	14.751			
3/19/2016 8:30:00 PM	376200.000	118.550	19.256	270.211
31399.840	35268.918	22.428	23.983	31.847
1.015	14.746			
3/19/2016 8:45:00 PM	377100.000	118.551	19.256	270.214
31396.441	35265.219	22.425	23.980	31.851
1.015	14.753			

3/19/2016 9:00:00 PM	378000.000	118.555	19.256	270.222
31393.266	35262.055	22.423	23.978	31.854
1.015	14.752			
3/19/2016 9:15:00 PM	378900.000	118.556	19.255	270.225
31390.199	35258.816	22.420	23.976	31.857
1.015	14.758			
3/19/2016 9:30:00 PM	379800.000	118.557	19.257	270.227
31397.916	35266.617	22.426	23.981	31.849
1.015	14.759			
3/19/2016 9:45:00 PM	380700.000	118.563	19.256	270.241
31380.289	35247.078	22.412	23.968	31.867
1.015	14.761			
3/19/2016 10:00:00 PM	381600.000	118.558	19.256	270.231
31413.672	35284.516	22.439	23.993	31.833
1.015	14.759			
3/19/2016 10:15:00 PM	382500.000	118.567	19.257	270.250
31395.758	35264.191	22.424	23.980	31.851
1.015	14.759			
3/19/2016 10:30:00 PM	383400.000	118.572	19.256	270.263
31404.568	35274.227	22.431	23.986	31.843
1.015	14.759			
3/19/2016 10:45:00 PM	384300.000	118.579	19.257	270.278
31420.484	35291.965	22.444	23.999	31.826
1.015	14.754			
3/19/2016 11:00:00 PM	385200.000	118.566	19.257	270.249
31427.229	35299.539	22.449	24.004	31.820
1.015	14.766			
3/19/2016 11:15:00 PM	386100.000	118.570	19.256	270.258
31413.750	35284.934	22.439	23.994	31.833
1.015	14.764			
3/19/2016 11:30:00 PM	387000.000	118.567	19.256	270.250
31390.242	35258.660	22.420	23.976	31.857
1.015	14.764			
3/19/2016 11:45:00 PM	387900.000	118.564	19.256	270.245
31423.752	35295.965	22.447	24.001	31.823
1.015	14.767			
3/20/2016 12:00:00 AM	388800.000	118.608	19.256	270.345
31394.195	35263.102	22.423	23.979	31.853
1.015	14.765			
3/20/2016 12:15:00 AM	389700.000	118.576	19.257	270.271
31366.059	35230.898	22.401	23.957	31.882
1.015	14.763			
3/20/2016 12:30:00 AM	390600.000	118.569	19.256	270.254
31388.227	35256.063	22.419	23.974	31.859
1.015	14.768			
3/20/2016 12:45:00 AM	391500.000	118.565	19.256	270.246
31413.371	35284.438	22.438	23.993	31.834
1.015	14.764			
3/20/2016 1:00:00 AM	392400.000	118.569	19.256	270.256
31420.998	35292.801	22.444	23.999	31.826
1.015	14.768			
3/20/2016 1:15:00 AM	393300.000	118.563	19.256	270.241
31422.047	35294.383	22.445	24.000	31.825
1.015	14.765			
3/20/2016 1:30:00 AM	394200.000	118.572	19.256	270.263

31420.830	35292.684	22.444	23.999	31.826
1.015	14.764			
3/20/2016 1:45:00 AM	395100.000	118.567	19.256	270.251
31385.475	35252.902	22.416	23.972	31.862
1.015	14.765			
3/20/2016 2:00:00 AM	396000.000	118.558	19.256	270.230
31416.402	35287.781	22.441	23.996	31.831
1.015	14.770			
3/20/2016 2:15:00 AM	396900.000	118.541	19.256	270.192
31392.303	35261.039	22.422	23.978	31.855
1.015	14.767			
3/20/2016 2:30:00 AM	397800.000	118.543	19.256	270.197
31384.398	35252.098	22.416	23.971	31.863
1.015	14.770			
3/20/2016 2:45:00 AM	398700.000	118.529	19.256	270.163
31412.365	35283.445	22.438	23.993	31.835
1.015	14.775			
3/20/2016 3:00:00 AM	399600.000	118.536	19.256	270.181
31424.324	35297.008	22.447	24.002	31.822
1.015	14.767			
3/20/2016 3:15:00 AM	400500.000	118.534	19.256	270.175
31408.586	35279.063	22.435	23.990	31.838
1.015	14.773			
3/20/2016 3:30:00 AM	401400.000	118.527	19.255	270.160
31399.637	35269.535	22.428	23.983	31.848
1.015	14.765			
3/20/2016 3:45:00 AM	402300.000	118.515	19.256	270.133
31405.486	35275.652	22.432	23.987	31.842
1.015	14.763			
3/20/2016 4:00:00 AM	403200.000	118.526	19.255	270.157
31368.344	35234.789	22.404	23.960	31.879
1.015	14.758			
3/20/2016 4:15:00 AM	404100.000	118.515	19.256	270.131
31389.467	35257.266	22.419	23.975	31.858
1.015	14.762			
3/20/2016 4:30:00 AM	405000.000	118.515	19.256	270.133
31413.730	35285.105	22.439	23.994	31.833
1.015	14.763			
3/20/2016 4:45:00 AM	405900.000	118.501	19.255	270.100
31410.357	35281.516	22.436	23.991	31.837
1.015	14.766			
3/20/2016 5:00:00 AM	406800.000	118.514	19.256	270.130
31404.947	35274.652	22.432	23.987	31.842
1.015	14.758			
3/20/2016 5:15:00 AM	407700.000	118.506	19.256	270.112
31398.564	35267.605	22.427	23.982	31.849
1.015	14.758			
3/20/2016 5:30:00 AM	408600.000	118.505	19.255	270.110
31413.182	35285.215	22.439	23.994	31.834
1.015	14.762			
3/20/2016 5:45:00 AM	409500.000	118.494	19.256	270.084
31403.234	35273.316	22.431	23.986	31.844
1.015	14.767			
3/20/2016 6:00:00 AM	410400.000	118.504	19.256	270.108
31402.961	35272.746	22.430	23.985	31.844

1.015	14.765			
3/20/2016 6:15:00 AM	411300.000	118.500	19.256	270.099
31402.191	35271.746	22.430	23.985	31.845
1.015	14.762			
3/20/2016 6:30:00 AM	412200.000	118.518	19.256	270.139
31410.459	35281.234	22.436	23.991	31.837
1.015	14.759			
3/20/2016 6:45:00 AM	413100.000	118.509	19.256	270.120
31404.217	35274.422	22.431	23.987	31.843
1.015	14.766			
3/20/2016 7:00:00 AM	414000.000	118.513	19.256	270.128
31396.645	35265.652	22.425	23.981	31.851
1.015	14.767			
3/20/2016 7:15:00 AM	414900.000	118.521	19.256	270.146
31414.520	35285.730	22.439	23.994	31.832
1.015	14.766			
3/20/2016 7:30:00 AM	415800.000	118.526	19.256	270.158
31440.117	35314.219	22.459	24.014	31.806
1.015	14.761			
3/20/2016 7:45:00 AM	416700.000	118.525	19.255	270.156
31413.348	35284.816	22.439	23.994	31.834
1.015	14.762			
3/20/2016 8:00:00 AM	417600.000	118.517	19.256	270.136
31443.061	35317.527	22.462	24.016	31.804
1.015	14.771			
3/20/2016 8:15:00 AM	418500.000	118.524	19.256	270.152
31446.662	35322.031	22.465	24.019	31.800
1.015	14.769			
3/20/2016 8:30:00 AM	419400.000	118.533	19.256	270.173
31421.086	35292.902	22.444	23.999	31.826
1.015	14.769			
3/20/2016 8:45:00 AM	420300.000	118.546	19.256	270.204
31405.326	35275.199	22.432	23.987	31.842
1.015	14.770			
3/20/2016 9:00:00 AM	421200.000	118.548	19.256	270.207
31441.846	35316.492	22.461	24.015	31.805
1.015	14.772			
3/20/2016 9:15:00 AM	422100.000	118.555	19.256	270.223
31432.557	35306.254	22.454	24.008	31.814
1.015	14.772			
3/20/2016 9:30:00 AM	423000.000	118.557	19.256	270.228
31454.664	35331.148	22.471	24.025	31.792
1.015	14.767			
3/20/2016 9:45:00 AM	423900.000	118.561	19.256	270.238
31468.688	35346.570	22.482	24.036	31.778
1.015	14.771			
3/20/2016 10:00:00 AM	424800.000	118.571	19.256	270.260
31424.049	35296.109	22.447	24.001	31.823
1.015	14.773			
3/20/2016 10:15:00 AM	425700.000	118.583	19.256	270.288
31460.090	35337.180	22.475	24.029	31.786
1.015	14.767			
3/20/2016 10:30:00 AM	426600.000	118.604	19.256	270.335
31420.496	35292.441	22.444	23.999	31.826
1.015	14.773			

3/20/2016 10:45:00 AM	427500.000	118.581	19.256	270.284
31421.453	35293.516	22.445	24.000	31.825
1.015	14.774			
3/20/2016 11:00:00 AM	428400.000	118.584	19.257	270.290
31461.768	35338.336	22.476	24.030	31.785
1.015	14.770			
3/20/2016 11:15:00 AM	429300.000	118.594	19.256	270.313
31478.545	35357.441	22.490	24.043	31.768
1.015	14.767			
3/20/2016 11:30:00 AM	430200.000	118.583	19.256	270.286
31441.301	35315.551	22.460	24.015	31.805
1.015	14.773			
3/20/2016 11:45:00 AM	431100.000	118.585	19.256	270.292
31454.170	35330.531	22.471	24.025	31.792
1.015	14.770			
3/20/2016 12:00:00 PM	432000.000	118.585	19.256	270.291
31471.174	35349.230	22.484	24.037	31.775
1.015	14.769			
3/20/2016 12:15:00 PM	432900.000	118.581	19.256	270.284
31447.570	35322.988	22.466	24.020	31.799
1.015	14.775			
3/20/2016 12:30:00 PM	433800.000	118.581	19.256	270.283
31458.051	35334.891	22.474	24.028	31.788
1.015	14.774			
3/20/2016 12:45:00 PM	434700.000	118.579	19.256	270.278
31459.250	35336.172	22.475	24.029	31.787
1.015	14.778			
3/20/2016 1:00:00 PM	435600.000	118.569	19.256	270.256
31448.432	35323.887	22.466	24.020	31.798
1.015	14.781			
3/20/2016 1:15:00 PM	436500.000	118.560	19.256	270.235
31464.945	35342.043	22.479	24.033	31.781
1.015	14.773			
3/20/2016 1:30:00 PM	437400.000	118.562	19.256	270.240
31478.980	35358.133	22.490	24.044	31.767
1.015	14.773			
3/20/2016 1:45:00 PM	438300.000	118.562	19.256	270.239
31449.709	35325.051	22.467	24.021	31.797
1.015	14.771			
3/20/2016 2:00:00 PM	439200.000	118.546	19.256	270.203
31458.859	35335.602	22.474	24.028	31.788
1.015	14.771			
3/20/2016 2:15:00 PM	440100.000	118.543	19.256	270.195
31449.160	35324.773	22.467	24.021	31.797
1.015	14.764			
3/20/2016 2:30:00 PM	441000.000	118.535	19.255	270.179
31453.473	35330.074	22.470	24.024	31.793
1.015	14.771			
3/20/2016 2:45:00 PM	441900.000	118.531	19.256	270.169
31445.826	35321.156	22.464	24.018	31.801
1.015	14.766			
3/20/2016 3:00:00 PM	442800.000	118.520	19.256	270.143
31476.393	35355.492	22.488	24.042	31.770
1.015	14.766			
3/20/2016 3:15:00 PM	443700.000	118.519	19.256	270.140

31447.418	35322.422	22.465	24.019	31.799
1.015	14.763			
3/20/2016 3:30:00 PM	444600.000	118.500	19.256	270.097
31460.535	35337.281	22.476	24.029	31.786
1.015	14.764			
3/20/2016 3:45:00 PM	445500.000	118.487	19.255	270.069
31446.119	35321.879	22.465	24.019	31.800
1.015	14.771			
3/20/2016 4:00:00 PM	446400.000	118.480	19.256	270.052
31469.180	35347.391	22.483	24.036	31.777
1.015	14.760			
3/20/2016 4:15:00 PM	447300.000	118.480	19.256	270.054
31480.396	35359.793	22.491	24.045	31.766
1.015	14.764			
3/20/2016 4:30:00 PM	448200.000	118.480	19.256	270.052
31440.328	35315.047	22.460	24.014	31.806
1.015	14.760			
3/20/2016 4:45:00 PM	449100.000	118.462	19.256	270.010
31468.193	35345.883	22.482	24.035	31.778
1.015	14.770			
3/20/2016 5:00:00 PM	450000.000	118.459	19.256	270.005
31451.686	35327.805	22.469	24.023	31.795
1.015	14.767			
3/20/2016 5:15:00 PM	450900.000	118.450	19.255	269.983
31463.807	35341.684	22.479	24.032	31.783
1.015	14.768			
3/20/2016 5:30:00 PM	451800.000	118.448	19.256	269.979
31428.514	35301.242	22.450	24.005	31.818
1.015	14.763			
3/20/2016 5:45:00 PM	452700.000	118.445	19.256	269.972
31460.756	35337.926	22.476	24.030	31.786
1.015	14.761			
3/20/2016 6:00:00 PM	453600.000	118.463	19.256	270.015
31439.588	35314.152	22.459	24.014	31.807
1.015	14.763			
3/20/2016 6:15:00 PM	454500.000	118.433	19.256	269.945
31445.307	35320.637	22.464	24.018	31.801
1.015	14.764			
3/20/2016 6:30:00 PM	455400.000	118.436	19.256	269.951
31424.289	35296.703	22.447	24.002	31.823
1.015	14.767			
3/20/2016 6:45:00 PM	456300.000	118.438	19.256	269.958
31462.799	35339.957	22.477	24.031	31.784
1.015	14.769			
3/20/2016 7:00:00 PM	457200.000	118.429	19.256	269.937
31446.791	35322.242	22.465	24.019	31.800
1.015	14.769			
3/20/2016 7:15:00 PM	458100.000	118.428	19.256	269.935
31483.490	35363.465	22.494	24.047	31.763
1.015	14.774			
3/20/2016 7:30:00 PM	459000.000	118.444	19.257	269.970
31470.580	35348.234	22.483	24.037	31.776
1.015	14.768			
3/20/2016 7:45:00 PM	459900.000	118.438	19.256	269.957
31488.506	35368.832	22.498	24.051	31.758



1.015	14.768			
3/20/2016 8:00:00 PM	460800.000	118.433	19.256	269.944
31460.596	35337.484	22.476	24.029	31.786
1.015	14.770			
3/20/2016 8:15:00 PM	461700.000	118.462	19.255	270.011
31454.518	35331.180	22.471	24.025	31.792
1.015	14.775			
3/20/2016 8:30:00 PM	462600.000	118.438	19.256	269.956
31461.896	35339.145	22.477	24.031	31.784
1.015	14.784			
3/20/2016 8:45:00 PM	463500.000	118.458	19.256	270.002
31458.334	35335.078	22.474	24.028	31.788
1.015	14.774			
3/20/2016 9:00:00 PM	464400.000	118.457	19.256	270.000
31470.344	35348.434	22.483	24.037	31.776
1.015	14.776			
3/20/2016 9:15:00 PM	465300.000	118.461	19.256	270.009
31469.037	35346.965	22.482	24.036	31.777
1.015	14.775			
3/20/2016 9:30:00 PM	466200.000	118.464	19.256	270.015
31457.781	35334.258	22.473	24.027	31.789
1.015	14.771			
3/20/2016 9:45:00 PM	467100.000	118.477	19.256	270.047
31460.240	35336.758	22.475	24.029	31.786
1.015	14.767			
3/20/2016 10:00:00 PM	468000.000	118.474	19.256	270.040
31451.328	35326.813	22.468	24.022	31.795
1.015	14.773			
3/20/2016 10:15:00 PM	468900.000	118.478	19.255	270.047
31473.303	35352.219	22.486	24.040	31.773
1.015	14.774			
3/20/2016 10:30:00 PM	469800.000	118.487	19.256	270.067
31482.600	35361.996	22.493	24.046	31.764
1.015	14.776			
3/20/2016 10:45:00 PM	470700.000	118.485	19.256	270.064
31484.383	35364.340	22.495	24.048	31.762
1.015	14.779			
3/20/2016 11:00:00 PM	471600.000	118.500	19.256	270.097
31474.926	35353.445	22.487	24.040	31.771
1.015	14.779			
3/20/2016 11:15:00 PM	472500.000	118.500	19.256	270.099
31488.281	35368.445	22.497	24.051	31.758
1.015	14.781			
3/20/2016 11:30:00 PM	473400.000	118.505	19.256	270.110
31450.695	35326.500	22.468	24.022	31.796
1.015	14.782			
3/20/2016 11:45:00 PM	474300.000	118.506	19.256	270.111
31466.162	35343.672	22.480	24.034	31.780
1.015	14.782			
3/21/2016 12:00:00 AM	475200.000	118.517	19.256	270.137
31464.852	35342.332	22.479	24.033	31.781
1.015	14.779			
3/21/2016 12:15:00 AM	476100.000	118.516	19.256	270.135
31432.240	35305.430	22.453	24.008	31.814
1.015	14.775			

3/21/2016 12:30:00 AM	477000.000	118.524	19.256	270.153
31368.168	35233.406	22.403	23.959	31.879
1.015	14.777			
3/21/2016 12:45:00 AM	477900.000	118.529	19.256	270.163
31373.744	35239.727	22.407	23.963	31.874
1.015	14.768			
3/21/2016 1:00:00 AM	478800.000	118.526	19.256	270.157
31340.033	35201.859	22.381	23.937	31.908
1.015	14.780			
3/21/2016 1:15:00 AM	479700.000	118.533	19.256	270.172
31290.482	35146.203	22.342	23.899	31.959
1.015	14.774			
3/21/2016 1:30:00 AM	480600.000	118.566	19.256	270.248
31289.422	35145.352	22.341	23.899	31.960
1.015	14.778			
3/21/2016 1:45:00 AM	481500.000	118.525	19.256	270.156
31286.064	35141.121	22.338	23.896	31.963
1.015	14.781			
3/21/2016 2:00:00 AM	482400.000	118.519	19.256	270.142
31310.666	35169.078	22.358	23.915	31.938
1.015	14.787			
3/21/2016 2:15:00 AM	483300.000	118.522	19.256	270.148
31298.195	35154.867	22.348	23.905	31.951
1.015	14.785			
3/21/2016 2:30:00 AM	484200.000	118.520	19.256	270.143
31271.055	35124.848	22.327	23.885	31.978
1.015	14.783			
3/21/2016 2:45:00 AM	485100.000	118.514	19.256	270.131
31294.387	35150.859	22.345	23.903	31.955
1.015	14.779			
3/21/2016 3:00:00 AM	486000.000	118.512	19.256	270.127
31272.979	35126.813	22.328	23.886	31.976
1.015	14.781			
3/21/2016 3:15:00 AM	486900.000	118.513	19.256	270.127
31286.529	35141.766	22.338	23.896	31.963
1.015	14.781			
3/21/2016 3:30:00 AM	487800.000	118.510	19.256	270.120
31257.984	35109.582	22.316	23.875	31.992
1.015	14.787			
3/21/2016 3:45:00 AM	488700.000	118.511	19.256	270.122
31272.557	35126.012	22.327	23.886	31.977
1.015	14.783			
3/21/2016 4:00:00 AM	489600.000	118.501	19.256	270.101
31267.600	35120.840	22.324	23.882	31.982
1.015	14.778			
3/21/2016 4:15:00 AM	490500.000	118.493	19.256	270.082
31324.895	35184.996	22.369	23.926	31.923
1.015	14.783			
3/21/2016 4:30:00 AM	491400.000	118.495	19.256	270.087
31295.572	35151.863	22.345	23.903	31.953
1.015	14.784			
3/21/2016 4:45:00 AM	492300.000	118.534	19.256	270.176
31289.129	35145.148	22.341	23.899	31.960
1.015	14.783			
3/21/2016 5:00:00 AM	493200.000	118.492	19.257	270.079

31295.199	35151.242	22.345	23.903	31.954
1.015	14.786			
3/21/2016 5:15:00 AM	494100.000	118.488	19.256	270.071
31271.223	35125.035	22.327	23.885	31.978
1.015	14.784			
3/21/2016 5:30:00 AM	495000.000	118.494	19.256	270.085
31325.775	35185.727	22.369	23.926	31.923
1.015	14.780			
3/21/2016 5:45:00 AM	495900.000	118.489	19.256	270.073
31310.051	35168.523	22.357	23.915	31.939
1.015	14.790			
3/21/2016 6:00:00 AM	496800.000	118.499	19.256	270.096
31274.422	35128.566	22.329	23.887	31.975
1.015	14.779			
3/21/2016 6:15:00 AM	497700.000	118.490	19.256	270.075
31346.551	35209.250	22.386	23.942	31.901
1.015	14.785			
3/21/2016 6:30:00 AM	498600.000	118.489	19.256	270.074
31322.125	35181.813	22.366	23.924	31.926
1.015	14.789			
3/21/2016 6:45:00 AM	499500.000	118.492	19.256	270.079
31315.572	35174.523	22.361	23.919	31.933
1.015	14.787			
3/21/2016 7:00:00 AM	500400.000	118.502	19.256	270.102
31297.420	35154.066	22.347	23.905	31.952
1.015	14.784			
3/21/2016 7:15:00 AM	501300.000	118.502	19.256	270.102
31259.543	35111.332	22.317	23.876	31.990
1.015	14.785			
3/21/2016 7:30:00 AM	502200.000	118.508	19.257	270.117
31284.795	35139.492	22.337	23.895	31.964
1.015	14.786			
3/21/2016 7:45:00 AM	503100.000	118.504	19.256	270.108
31329.320	35190.031	22.372	23.929	31.919
1.015	14.790			
3/21/2016 8:00:00 AM	504000.000	118.512	19.256	270.126
31343.607	35205.754	22.383	23.940	31.904
1.015	14.794			
3/21/2016 8:15:00 AM	504900.000	118.510	19.256	270.121
31331.350	35192.246	22.374	23.931	31.917
1.015	14.793			
3/21/2016 8:30:00 AM	505800.000	118.530	19.256	270.167
31314.543	35173.367	22.361	23.918	31.934
1.015	14.787			
3/21/2016 8:45:00 AM	506700.000	118.530	19.256	270.167
31339.090	35200.871	22.380	23.937	31.909
1.015	14.797			
3/21/2016 9:00:00 AM	507600.000	118.529	19.257	270.164
31321.598	35180.629	22.366	23.923	31.927
1.015	14.798			
3/21/2016 9:15:00 AM	508500.000	118.538	19.257	270.184
31293.416	35149.242	22.344	23.901	31.956
1.015	14.798			
3/21/2016 9:30:00 AM	509400.000	118.539	19.256	270.186
31306.820	35164.957	22.355	23.912	31.942

1.015	14.800			
3/21/2016 9:45:00 AM	510300.000	118.551	19.256	270.215
31308.359	35166.422	22.356	23.913	31.940
1.015	14.799			
3/21/2016 10:00:00 AM	511200.000	118.567	19.256	270.250
31303.561	35160.773	22.352	23.909	31.945
1.015	14.800			
3/21/2016 10:15:00 AM	512100.000	118.571	19.256	270.260
31284.676	35139.563	22.337	23.895	31.965
1.015	14.805			
3/21/2016 10:30:00 AM	513000.000	118.562	19.257	270.238
31315.316	35173.840	22.361	23.918	31.933
1.015	14.800			
3/21/2016 10:45:00 AM	513900.000	118.579	19.256	270.279
31281.594	35136.359	22.335	23.893	31.968
1.015	14.799			
3/21/2016 11:00:00 AM	514800.000	118.576	19.256	270.271
31295.189	35151.434	22.345	23.903	31.954
1.015	14.807			
3/21/2016 11:15:00 AM	515700.000	118.590	19.256	270.303
31297.004	35153.473	22.347	23.904	31.952
1.015	14.802			
3/21/2016 11:30:00 AM	516600.000	118.592	19.256	270.308
31286.209	35141.348	22.338	23.896	31.963
1.015	14.806			
3/21/2016 11:45:00 AM	517500.000	118.592	19.257	270.308
31294.137	35150.113	22.344	23.902	31.955
1.015	14.802			
3/21/2016 12:00:00 PM	518400.000	118.597	19.256	270.319
31275.648	35129.609	22.330	23.888	31.974
1.015	14.803			
3/21/2016 12:15:00 PM	519300.000	118.600	19.256	270.326
31273.809	35127.418	22.328	23.887	31.976
1.015	14.801			
3/21/2016 12:30:00 PM	520200.000	118.601	19.257	270.328
31276.508	35130.117	22.330	23.888	31.973
1.015	14.800			
3/21/2016 12:45:00 PM	521100.000	118.605	19.256	270.337
31291.758	35147.840	22.343	23.901	31.957
1.015	14.796			
3/21/2016 1:00:00 PM	522000.000	118.604	19.256	270.336
31285.988	35141.035	22.338	23.896	31.963
1.015	14.787			
3/21/2016 1:15:00 PM	522900.000	118.596	19.256	270.316
31306.904	35164.531	22.354	23.912	31.942
1.015	14.789			
3/21/2016 1:30:00 PM	523800.000	118.597	19.256	270.318
31266.820	35119.508	22.323	23.881	31.983
1.015	14.790			
3/21/2016 1:45:00 PM	524700.000	118.621	19.256	270.373
31285.078	35140.203	22.337	23.895	31.964
1.015	14.779			
3/21/2016 2:00:00 PM	525600.000	118.585	19.256	270.291
31301.527	35158.813	22.350	23.908	31.947
1.015	14.787			

3/21/2016 2:15:00 PM	526500.000	118.577	19.256	270.273
31302.988	35160.523	22.352	23.909	31.946
1.015	14.784			
3/21/2016 2:30:00 PM	527400.000	118.574	19.256	270.267
31249.736	35100.316	22.309	23.868	32.000
1.015	14.776			
3/21/2016 2:45:00 PM	528300.000	118.563	19.256	270.243
31236.500	35085.773	22.299	23.858	32.014
1.015	14.776			
3/21/2016 3:00:00 PM	529200.000	118.570	19.256	270.259
31246.021	35096.402	22.307	23.866	32.004
1.015	14.776			
3/21/2016 3:15:00 PM	530100.000	118.553	19.256	270.218
31255.055	35106.941	22.314	23.873	31.995
1.015	14.776			
3/21/2016 3:30:00 PM	531000.000	118.560	19.256	270.235
31257.510	35109.371	22.316	23.874	31.992
1.015	14.764			
3/21/2016 3:45:00 PM	531900.000	118.549	19.256	270.210
31232.184	35080.992	22.296	23.855	32.018
1.015	14.769			
3/21/2016 4:00:00 PM	532800.000	118.533	19.256	270.172
31248.006	35098.633	22.308	23.867	32.002
1.015	14.774			
3/21/2016 4:15:00 PM	533700.000	118.525	19.256	270.156
31232.900	35081.930	22.296	23.856	32.018
1.015	14.771			
3/21/2016 4:30:00 PM	534600.000	118.508	19.255	270.117
31264.506	35117.820	22.322	23.880	31.985
1.015	14.773			
3/21/2016 4:45:00 PM	535500.000	118.512	19.256	270.126
31336.004	35197.277	22.377	23.934	31.912
1.015	14.765			
3/21/2016 5:00:00 PM	536400.000	118.505	19.256	270.109
31324.494	35184.547	22.368	23.925	31.924
1.015	14.770			
3/21/2016 5:15:00 PM	537300.000	118.504	19.256	270.108
31289.164	35145.125	22.341	23.899	31.960
1.015	14.773			
3/21/2016 5:30:00 PM	538200.000	118.515	19.256	270.133
31281.844	35136.902	22.335	23.893	31.967
1.015	14.779			
3/21/2016 5:45:00 PM	539100.000	118.476	19.256	270.044
31248.871	35099.734	22.309	23.868	32.001
1.015	14.777			
3/21/2016 6:00:00 PM	540000.000	118.485	19.255	270.063
31248.975	35100.242	22.309	23.868	32.001
1.015	14.776			
3/21/2016 6:15:00 PM	540900.000	118.471	19.257	270.033
31247.164	35097.352	22.307	23.866	32.003
1.015	14.773			
3/21/2016 6:30:00 PM	541800.000	118.470	19.256	270.030
31230.066	35078.809	22.294	23.854	32.020
1.015	14.774			
3/21/2016 6:45:00 PM	542700.000	118.467	19.256	270.022

31191.482	35035.145	22.264	23.824	32.060
1.015	14.778			
3/21/2016 7:00:00 PM	543600.000	118.466	19.255	270.020
31233.949	35083.309	22.297	23.857	32.016
1.015	14.772			
3/21/2016 7:15:00 PM	544500.000	118.451	19.256	269.986
31248.283	35098.945	22.308	23.867	32.002
1.015	14.772			
3/21/2016 7:30:00 PM	545400.000	118.463	19.256	270.014
31246.748	35097.082	22.307	23.866	32.003
1.015	14.773			
3/21/2016 7:45:00 PM	546300.000	118.468	19.256	270.025
31206.488	35052.199	22.276	23.835	32.045
1.015	14.779			
3/21/2016 8:00:00 PM	547200.000	118.464	19.256	270.016
31215.893	35062.824	22.283	23.843	32.035
1.015	14.770			
3/21/2016 8:15:00 PM	548100.000	118.462	19.256	270.011
31207.193	35052.719	22.276	23.836	32.044
1.015	14.778			
3/21/2016 8:30:00 PM	549000.000	118.470	19.256	270.030
31226.771	35074.914	22.292	23.851	32.024
1.015	14.774			
3/21/2016 8:45:00 PM	549900.000	118.469	19.256	270.027
31223.840	35071.488	22.289	23.849	32.027
1.015	14.778			
3/21/2016 9:00:00 PM	550800.000	118.479	19.256	270.050
31191.424	35035.340	22.264	23.824	32.060
1.015	14.784			
3/21/2016 9:15:00 PM	551700.000	118.475	19.256	270.041
31185.900	35029.199	22.259	23.820	32.066
1.015	14.789			
3/21/2016 9:30:00 PM	552600.000	118.474	19.256	270.039
31214.416	35060.766	22.282	23.841	32.036
1.015	14.792			
3/21/2016 9:45:00 PM	553500.000	118.482	19.255	270.057
31207.479	35053.762	22.277	23.837	32.044
1.015	14.793			
3/21/2016 10:00:00 PM	554400.000	118.482	19.256	270.058
31221.543	35069.109	22.287	23.847	32.029
1.015	14.796			
3/21/2016 10:15:00 PM	555300.000	118.487	19.256	270.068
31242.629	35092.855	22.304	23.863	32.008
1.015	14.802			
3/21/2016 10:30:00 PM	556200.000	118.492	19.256	270.080
31228.549	35076.641	22.293	23.852	32.022
1.015	14.799			
3/21/2016 10:45:00 PM	557100.000	118.507	19.256	270.114
31211.307	35057.473	22.279	23.839	32.040
1.015	14.802			
3/21/2016 11:00:00 PM	558000.000	118.514	19.256	270.131
31211.311	35057.344	22.279	23.839	32.040
1.015	14.799			
3/21/2016 11:15:00 PM	558900.000	118.553	19.255	270.220
31244.154	35095.152	22.306	23.865	32.006

1.015	14.799			
3/21/2016 11:30:00 PM	559800.000	118.508	19.256	270.115
31231.893	35080.273	22.295	23.855	32.019
1.015	14.808			
3/21/2016 11:45:00 PM	560700.000	118.520	19.257	270.144
31281.984	35136.336	22.335	23.893	31.967
1.015	14.804			
3/22/2016 12:00:00 AM	561600.000	118.521	19.256	270.146
31268.350	35121.414	22.324	23.883	31.981
1.015	14.803			
3/22/2016 12:15:00 AM	562500.000	118.538	19.256	270.185
31281.289	35136.016	22.334	23.892	31.968
1.015	14.801			
3/22/2016 12:30:00 AM	563400.000	118.526	19.256	270.157
31267.404	35120.621	22.324	23.882	31.982
1.015	14.807			
3/22/2016 12:45:00 AM	564300.000	118.530	19.256	270.167
31271.223	35124.516	22.326	23.885	31.978
1.015	14.809			
3/22/2016 1:00:00 AM	565200.000	118.523	19.256	270.150
31253.244	35104.777	22.312	23.871	31.997
1.015	14.810			
3/22/2016 1:15:00 AM	566100.000	118.528	19.256	270.162
31218.664	35065.875	22.285	23.845	32.032
1.015	14.813			
3/22/2016 1:30:00 AM	567000.000	118.530	19.256	270.167
31220.859	35068.203	22.287	23.846	32.030
1.015	14.810			
3/22/2016 1:45:00 AM	567900.000	118.532	19.256	270.171
31224.580	35072.711	22.290	23.849	32.026
1.015	14.809			
3/22/2016 2:00:00 AM	568800.000	118.522	19.255	270.147
31276.488	35131.090	22.331	23.889	31.973
1.015	14.813			
3/22/2016 2:15:00 AM	569700.000	118.518	19.256	270.140
31251.766	35103.117	22.311	23.870	31.998
1.015	14.813			
3/22/2016 2:30:00 AM	570600.000	118.507	19.256	270.115
31234.553	35083.910	22.298	23.857	32.016
1.015	14.812			
3/22/2016 2:45:00 AM	571500.000	118.520	19.256	270.145
31252.826	35104.109	22.312	23.871	31.997
1.015	14.811			
3/22/2016 3:00:00 AM	572400.000	118.511	19.257	270.124
31256.699	35108.000	22.315	23.873	31.993
1.015	14.811			
3/22/2016 3:15:00 AM	573300.000	118.515	19.256	270.133
31259.768	35112.043	22.318	23.876	31.990
1.015	14.802			
3/22/2016 3:30:00 AM	574200.000	118.514	19.255	270.130
31231.531	35080.844	22.296	23.855	32.019
1.015	14.807			
3/22/2016 3:45:00 AM	575100.000	118.499	19.255	270.097
31252.824	35104.508	22.312	23.871	31.997
1.015	14.808			

3/22/2016 4:00:00 AM	576000.000	118.500	19.255	270.098
31264.199	35117.539	22.321	23.880	31.985
1.015	14.809			
3/22/2016 4:15:00 AM	576900.000	118.491	19.256	270.079
31238.672	35088.348	22.301	23.860	32.012
1.015	14.817			
3/22/2016 4:30:00 AM	577800.000	118.495	19.256	270.087
31232.844	35081.863	22.296	23.856	32.018
1.015	14.811			
3/22/2016 4:45:00 AM	578700.000	118.486	19.256	270.066
31253.803	35105.406	22.313	23.872	31.996
1.015	14.806			
3/22/2016 5:00:00 AM	579600.000	118.490	19.256	270.074
31243.396	35093.586	22.305	23.864	32.007
1.015	14.806			
3/22/2016 5:15:00 AM	580500.000	118.478	19.255	270.047
31279.059	35134.098	22.333	23.891	31.970
1.015	14.810			
3/22/2016 5:30:00 AM	581400.000	118.471	19.256	270.033
31286.131	35141.656	22.338	23.896	31.963
1.015	14.816			
3/22/2016 5:45:00 AM	582300.000	118.466	19.256	270.022
31245.549	35096.070	22.306	23.865	32.005
1.015	14.811			
3/22/2016 6:00:00 AM	583200.000	118.462	19.255	270.012
31248.221	35099.395	22.309	23.868	32.002
1.015	14.819			
3/22/2016 6:15:00 AM	584100.000	118.461	19.256	270.009
31272.057	35125.648	22.327	23.885	31.977
1.015	14.825			
3/22/2016 6:30:00 AM	585000.000	118.456	19.256	269.997
31269.688	35123.375	22.325	23.884	31.980
1.015	14.821			
3/22/2016 6:45:00 AM	585900.000	118.487	19.256	270.068
31288.252	35143.578	22.340	23.898	31.961
1.015	14.825			
3/22/2016 7:00:00 AM	586800.000	118.456	19.256	269.999
31242.293	35092.078	22.304	23.863	32.008
1.015	14.833			
3/22/2016 7:15:00 AM	587700.000	118.458	19.255	270.001
31225.414	35074.242	22.291	23.850	32.025
1.015	14.822			
3/22/2016 7:30:00 AM	588600.000	118.459	19.256	270.004
31245.326	35095.621	22.306	23.865	32.005
1.015	14.828			
3/22/2016 7:45:00 AM	589500.000	118.452	19.256	269.989
31263.889	35116.535	22.321	23.879	31.986
1.015	14.840			
3/22/2016 8:00:00 AM	590400.000	118.463	19.256	270.015
31260.074	35112.449	22.318	23.876	31.990
1.015	14.830			
3/22/2016 8:15:00 AM	591300.000	118.476	19.256	270.044
31258.256	35110.473	22.316	23.875	31.992
1.015	14.839			
3/22/2016 8:30:00 AM	592200.000	118.459	19.256	270.005



31229.668	35077.840	22.294	23.853	32.021
1.015	14.847			
3/22/2016 8:45:00 AM	593100.000	118.462	19.256	270.011
31235.465	35084.547	22.298	23.857	32.015
1.015	14.845			
3/22/2016 9:00:00 AM	594000.000	118.468	19.256	270.026
31223.467	35071.457	22.289	23.849	32.027
1.015	14.847			
3/22/2016 9:15:00 AM	594900.000	118.482	19.256	270.056
31223.182	35070.813	22.289	23.848	32.027
1.015	14.844			
3/22/2016 9:30:00 AM	595800.000	118.480	19.256	270.052
31287.336	35143.137	22.339	23.897	31.962
1.015	14.853			
3/22/2016 9:45:00 AM	596700.000	118.490	19.256	270.075
31268.768	35122.215	22.325	23.883	31.981
1.015	14.854			
3/22/2016 10:00:00 AM	597600.000	118.500	19.257	270.099
31281.373	35135.777	22.334	23.892	31.968
1.015	14.855			
3/22/2016 10:15:00 AM	598500.000	118.494	19.256	270.084
31229.363	35077.691	22.293	23.853	32.021
1.015	14.862			
3/22/2016 10:30:00 AM	599400.000	118.505	19.256	270.109
31232.539	35081.324	22.296	23.855	32.018
1.015	14.857			
3/22/2016 10:45:00 AM	600300.000	118.506	19.256	270.112
31249.793	35100.570	22.310	23.868	32.000
1.015	14.860			
3/22/2016 11:00:00 AM	601200.000	118.500	19.256	270.098
31252.545	35103.535	22.312	23.870	31.997
1.015	14.862			
3/22/2016 11:15:00 AM	602100.000	118.524	19.256	270.152
31219.576	35067.027	22.286	23.846	32.031
1.015	14.858			
3/22/2016 11:30:00 AM	603000.000	118.532	19.257	270.170
31242.295	35091.820	22.303	23.862	32.008
1.015	14.860			
3/22/2016 11:45:00 AM	603900.000	118.528	19.256	270.161
31252.020	35103.141	22.311	23.870	31.998
1.015	14.861			
3/22/2016 12:00:00 PM	604800.000	118.538	19.256	270.184
31277.328	35131.371	22.331	23.889	31.972
1.015	14.862			
3/22/2016 12:15:00 PM	605700.000	118.538	19.257	270.185
31228.164	35076.012	22.292	23.852	32.022
1.015	14.866			
3/22/2016 12:30:00 PM	606600.000	118.543	19.257	270.196
31264.113	35116.328	22.321	23.879	31.986
1.015	14.857			
3/22/2016 12:45:00 PM	607500.000	118.540	19.256	270.190
31271.055	35124.324	22.326	23.885	31.978
1.015	14.862			
3/22/2016 1:00:00 PM	608400.000	118.536	19.257	270.181
31280.527	35134.699	22.333	23.892	31.969

1.015	14.870			
3/22/2016 1:15:00 PM	609300.000	118.542	19.256	270.195
31243.045	35093.125	22.304	23.863	32.007
1.015	14.858			
3/22/2016 1:30:00 PM	610200.000	118.542	19.256	270.194
31225.301	35073.262	22.290	23.850	32.025
1.015	14.853			
3/22/2016 1:45:00 PM	611100.000	118.537	19.256	270.183
31214.920	35061.730	22.282	23.842	32.036
1.015	14.855			
3/22/2016 2:00:00 PM	612000.000	118.538	19.256	270.185
31229.666	35077.836	22.294	23.853	32.021
1.015	14.849			
3/22/2016 2:15:00 PM	612900.000	118.542	19.256	270.194
31232.092	35080.500	22.295	23.855	32.018
1.015	14.850			
3/22/2016 2:30:00 PM	613800.000	118.537	19.256	270.183
31220.643	35068.285	22.287	23.846	32.030
1.015	14.846			
3/22/2016 2:45:00 PM	614700.000	118.523	19.256	270.150
31216.018	35062.832	22.283	23.843	32.035
1.015	14.845			
3/22/2016 3:00:00 PM	615600.000	118.535	19.256	270.179
31274.289	35128.219	22.329	23.887	31.975
1.015	14.843			
3/22/2016 3:15:00 PM	616500.000	118.519	19.256	270.140
31247.537	35097.848	22.308	23.867	32.003
1.015	14.845			
3/22/2016 3:30:00 PM	617400.000	118.519	19.256	270.142
31274.652	35128.695	22.329	23.888	31.975
1.015	14.837			
3/22/2016 3:45:00 PM	618300.000	118.506	19.256	270.111
31276.830	35131.273	22.331	23.889	31.973
1.015	14.838			
3/22/2016 4:00:00 PM	619200.000	118.505	19.256	270.109
31270.221	35123.785	22.326	23.884	31.979
1.015	14.838			
3/22/2016 4:15:00 PM	620100.000	118.515	19.256	270.132
31267.430	35120.840	22.324	23.882	31.982
1.015	14.830			
3/22/2016 4:30:00 PM	621000.000	118.501	19.255	270.100
31262.945	35115.879	22.320	23.879	31.987
1.015	14.835			
3/22/2016 4:45:00 PM	621900.000	118.489	19.256	270.074
31229.969	35078.504	22.294	23.853	32.021
1.015	14.833			
3/22/2016 5:00:00 PM	622800.000	118.485	19.257	270.064
31259.178	35110.848	22.317	23.875	31.991
1.015	14.835			
3/22/2016 5:15:00 PM	623700.000	118.467	19.256	270.023
31262.244	35114.625	22.319	23.878	31.987
1.015	14.835			
3/22/2016 5:30:00 PM	624600.000	118.461	19.256	270.009
31278.166	35132.836	22.332	23.890	31.971
1.015	14.832			

3/22/2016 5:45:00 PM	625500.000	118.461	19.256	270.008
31264.729	35117.547	22.321	23.880	31.985
1.015	14.830			
3/22/2016 6:00:00 PM	626400.000	118.444	19.256	269.971
31280.111	35134.895	22.334	23.892	31.969
1.015	14.838			
3/22/2016 6:15:00 PM	627300.000	118.451	19.256	269.987
31293.057	35149.367	22.344	23.902	31.956
1.015	14.834			
3/22/2016 6:30:00 PM	628200.000	118.446	19.256	269.974
31252.406	35103.965	22.312	23.871	31.998
1.015	14.833			
3/22/2016 6:45:00 PM	629100.000	118.457	19.255	270.001
31228.861	35077.648	22.293	23.853	32.022
1.015	14.834			
3/22/2016 7:00:00 PM	630000.000	118.440	19.255	269.962
31227.240	35075.961	22.292	23.852	32.023
1.015	14.837			
3/22/2016 7:15:00 PM	630900.000	118.442	19.256	269.967
31242.723	35092.898	22.304	23.863	32.007
1.015	14.830			
3/22/2016 7:30:00 PM	631800.000	118.439	19.256	269.959
31240.854	35090.988	22.303	23.862	32.009
1.015	14.839			
3/22/2016 7:45:00 PM	632700.000	118.438	19.256	269.957
31277.738	35132.227	22.332	23.890	31.972
1.015	14.839			
3/22/2016 8:00:00 PM	633600.000	118.435	19.256	269.950
31312.352	35171.039	22.359	23.916	31.936
1.015	14.843			
3/22/2016 8:15:00 PM	634500.000	118.427	19.256	269.933
31272.252	35126.191	22.327	23.886	31.977
1.015	14.845			
3/22/2016 8:30:00 PM	635400.000	118.431	19.255	269.941
31267.430	35121.035	22.324	23.882	31.982
1.015	14.847			
3/22/2016 8:45:00 PM	636300.000	118.427	19.256	269.932
31251.900	35103.332	22.311	23.870	31.998
1.015	14.855			
3/22/2016 9:00:00 PM	637200.000	118.445	19.256	269.973
31220.350	35067.895	22.287	23.846	32.030
1.015	14.844			
3/22/2016 9:15:00 PM	638100.000	118.440	19.256	269.962
31222.039	35069.855	22.288	23.848	32.029
1.015	14.855			
3/22/2016 9:30:00 PM	639000.000	118.444	19.256	269.971
31225.865	35073.762	22.291	23.850	32.025
1.015	14.852			
3/22/2016 9:45:00 PM	639900.000	118.450	19.256	269.985
31214.445	35060.867	22.282	23.841	32.036
1.015	14.853			
3/22/2016 10:00:00 PM	640800.000	118.443	19.256	269.968
31246.881	35097.566	22.307	23.866	32.003
1.015	14.863			
3/22/2016 10:15:00 PM	641700.000	118.449	19.256	269.982

31229.803	35078.512	22.294	23.853	32.021
1.015	14.865			
3/22/2016 10:30:00 PM	642600.000	118.456	19.256	269.998
31196.990	35041.656	22.268	23.828	32.054
1.015	14.861			
3/22/2016 10:45:00 PM	643500.000	118.463	19.255	270.013
31172.111	35013.848	22.249	23.809	32.080
1.015	14.854			
3/22/2016 11:00:00 PM	644400.000	118.469	19.256	270.028
31176.811	35019.051	22.252	23.813	32.075
1.015	14.858			
3/22/2016 11:15:00 PM	645300.000	118.464	19.256	270.016
31180.738	35023.074	22.255	23.816	32.071
1.015	14.858			
3/22/2016 11:30:00 PM	646200.000	118.481	19.255	270.054
31231.094	35080.352	22.295	23.855	32.019
1.015	14.855			
3/22/2016 11:45:00 PM	647100.000	118.475	19.256	270.040
31223.746	35071.516	22.289	23.849	32.027
1.015	14.862			
3/23/2016 12:00:00 AM	648000.000	118.491	19.256	270.078
31217.113	35063.996	22.284	23.844	32.034
1.015	14.859			
3/23/2016 12:15:00 AM	648900.000	118.486	19.256	270.067
31264.309	35117.074	22.321	23.880	31.985
1.015	14.861			
3/23/2016 12:30:00 AM	649800.000	118.504	19.256	270.108
31235.877	35085.398	22.299	23.858	32.014
1.015	14.857			
3/23/2016 12:45:00 AM	650700.000	118.491	19.256	270.077
31221.580	35069.082	22.287	23.847	32.029
1.015	14.863			
3/23/2016 1:00:00 AM	651600.000	118.510	19.256	270.121
31244.998	35095.184	22.306	23.865	32.005
1.015	14.854			
3/23/2016 1:15:00 AM	652500.000	118.506	19.256	270.111
31234.930	35084.207	22.298	23.857	32.015
1.015	14.858			
3/23/2016 1:30:00 AM	653400.000	118.508	19.255	270.116
31271.836	35125.863	22.327	23.886	31.978
1.015	14.853			
3/23/2016 1:45:00 AM	654300.000	118.507	19.255	270.113
31229.646	35078.930	22.294	23.854	32.021
1.015	14.857			
3/23/2016 2:00:00 AM	655200.000	118.504	19.255	270.108
31240.844	35091.242	22.303	23.862	32.009
1.015	14.854			
3/23/2016 2:15:00 AM	656100.000	118.499	19.255	270.096
31243.350	35093.867	22.305	23.864	32.007
1.015	14.855			
3/23/2016 2:30:00 AM	657000.000	118.493	19.256	270.082
31225.969	35074.012	22.291	23.850	32.025
1.015	14.851			
3/23/2016 2:45:00 AM	657900.000	118.497	19.256	270.091
31253.885	35105.563	22.313	23.872	31.996

1.015	14.853			
3/23/2016 3:00:00 AM	658800.000	118.489	19.256	270.072
31256.697	35108.594	22.315	23.874	31.993
1.015	14.852			
3/23/2016 3:15:00 AM	659700.000	118.484	19.255	270.062
31232.475	35082.035	22.297	23.856	32.018
1.015	14.848			
3/23/2016 3:30:00 AM	660600.000	118.490	19.256	270.075
31238.336	35087.699	22.301	23.860	32.012
1.015	14.851			
3/23/2016 3:45:00 AM	661500.000	118.479	19.255	270.050
31247.977	35099.121	22.308	23.867	32.002
1.015	14.847			
3/23/2016 4:00:00 AM	662400.000	118.470	19.255	270.029
31252.738	35104.664	22.312	23.871	31.997
1.015	14.846			
3/23/2016 4:15:00 AM	663300.000	118.463	19.256	270.013
31285.740	35141.215	22.338	23.896	31.963
1.015	14.844			
3/23/2016 4:30:00 AM	664200.000	118.458	19.255	270.002
31273.787	35128.113	22.329	23.887	31.976
1.015	14.844			
3/23/2016 4:45:00 AM	665100.000	118.464	19.255	270.015
31249.648	35101.395	22.310	23.869	32.000
1.015	14.843			
3/23/2016 5:00:00 AM	666000.000	118.454	19.255	269.993
31267.791	35121.320	22.324	23.882	31.982
1.015	14.849			
3/23/2016 5:15:00 AM	666900.000	118.449	19.256	269.982
31299.574	35156.359	22.349	23.906	31.949
1.015	14.845			
3/23/2016 5:30:00 AM	667800.000	118.447	19.255	269.977
31262.525	35115.859	22.320	23.879	31.987
1.015	14.843			
3/23/2016 5:45:00 AM	668700.000	118.428	19.254	269.933
31307.201	35166.371	22.356	23.913	31.942
1.015	14.850			
3/23/2016 6:00:00 AM	669600.000	118.425	19.255	269.928
31291.623	35148.473	22.343	23.901	31.957
1.015	14.849			
3/23/2016 6:15:00 AM	670500.000	118.417	19.256	269.908
31276.684	35131.234	22.331	23.889	31.973
1.015	14.853			
3/23/2016 6:30:00 AM	671400.000	118.429	19.255	269.937
31307.000	35165.684	22.355	23.913	31.942
1.015	14.846			
3/23/2016 6:45:00 AM	672300.000	118.427	19.255	269.931
31252.045	35104.016	22.312	23.871	31.998
1.015	14.852			
3/23/2016 7:00:00 AM	673200.000	118.420	19.256	269.915
31258.119	35110.316	22.316	23.875	31.992
1.015	14.858			
3/23/2016 7:15:00 AM	674100.000	118.409	19.255	269.892
31253.352	35105.223	22.313	23.872	31.997
1.015	14.857			

3/23/2016 7:30:00 AM	675000.000	118.416	19.255	269.906
31233.793	35083.133	22.297	23.857	32.017
1.015	14.862			
3/23/2016 7:45:00 AM	675900.000	118.416	19.255	269.906
31251.074	35102.602	22.311	23.870	31.999
1.015	14.862			
3/23/2016 8:00:00 AM	676800.000	118.408	19.255	269.887
31274.203	35128.578	22.329	23.887	31.975
1.015	14.866			
3/23/2016 8:15:00 AM	677700.000	118.407	19.256	269.885
31263.750	35116.121	22.320	23.879	31.986
1.015	14.872			
3/23/2016 8:30:00 AM	678600.000	118.396	19.255	269.860
31244.236	35095.113	22.306	23.865	32.006
1.015	14.882			
3/23/2016 8:45:00 AM	679500.000	118.416	19.255	269.907
31234.785	35084.699	22.298	23.858	32.016
1.015	14.875			
3/23/2016 9:00:00 AM	680400.000	118.413	19.255	269.900
31242.430	35093.289	22.304	23.863	32.008
1.015	14.879			
3/23/2016 9:15:00 AM	681300.000	118.415	19.256	269.905
31267.877	35120.953	22.324	23.882	31.982
1.015	14.876			
3/23/2016 9:30:00 AM	682200.000	118.418	19.256	269.911
31259.408	35111.766	22.317	23.876	31.990
1.015	14.880			
3/23/2016 9:45:00 AM	683100.000	118.424	19.256	269.924
31234.021	35083.125	22.297	23.857	32.016
1.015	14.883			
3/23/2016 10:00:00 AM	684000.000	118.427	19.255	269.932
31254.277	35106.141	22.313	23.872	31.996
1.015	14.881			
3/23/2016 10:15:00 AM	684900.000	118.434	19.256	269.948
31264.836	35117.535	22.321	23.880	31.985
1.015	14.882			
3/23/2016 10:30:00 AM	685800.000	118.436	19.255	269.952
31247.803	35098.926	22.308	23.867	32.002
1.015	14.885			
3/23/2016 10:45:00 AM	686700.000	118.437	19.256	269.953
31257.613	35109.488	22.316	23.874	31.992
1.015	14.892			
3/23/2016 11:00:00 AM	687600.000	118.445	19.256	269.972
31252.629	35104.152	22.312	23.871	31.997
1.015	14.884			
3/23/2016 11:15:00 AM	688500.000	118.449	19.256	269.982
31258.848	35111.199	22.317	23.876	31.991
1.015	14.887			
3/23/2016 11:30:00 AM	689400.000	118.454	19.256	269.992
31301.592	35159.211	22.351	23.908	31.947
1.015	14.891			
3/23/2016 11:45:00 AM	690300.000	118.455	19.255	269.995
31277.211	35132.023	22.332	23.890	31.972
1.015	14.892			
3/23/2016 12:00:00 PM	691200.000	118.467	19.255	270.023

31246.391	35097.473	22.307	23.866	32.004
1.015	14.883			
3/23/2016 12:15:00 PM	692100.000	118.462	19.256	270.012
31224.627	35072.371	22.290	23.849	32.026
1.015	14.892			
3/23/2016 12:30:00 PM	693000.000	118.473	19.256	270.036
31236.885	35086.070	22.299	23.859	32.013
1.015	14.888			
3/23/2016 12:45:00 PM	693900.000	118.512	19.256	270.126
31276.660	35130.559	22.331	23.889	31.973
1.015	14.886			
3/23/2016 1:00:00 PM	694800.000	118.478	19.256	270.047
31293.023	35149.328	22.344	23.902	31.956
1.015	14.881			
3/23/2016 1:15:00 PM	695700.000	118.470	19.256	270.029
31279.414	35134.109	22.333	23.891	31.970
1.015	14.891			
3/23/2016 1:30:00 PM	696600.000	118.488	19.257	270.071
31282.121	35136.617	22.335	23.893	31.967
1.015	14.878			
3/23/2016 1:45:00 PM	697500.000	118.480	19.255	270.052
31255.221	35107.258	22.314	23.873	31.995
1.015	14.882			
3/23/2016 2:00:00 PM	698400.000	118.483	19.255	270.058
31241.760	35092.203	22.304	23.863	32.008
1.015	14.879			
3/23/2016 2:15:00 PM	699300.000	118.484	19.256	270.061
31258.203	35110.477	22.316	23.875	31.992
1.015	14.877			
3/23/2016 2:30:00 PM	700200.000	118.474	19.255	270.039
31241.186	35091.688	22.303	23.862	32.009
1.015	14.881			
3/23/2016 2:45:00 PM	701100.000	118.467	19.255	270.022
31256.836	35109.016	22.315	23.874	31.993
1.015	14.883			
3/23/2016 3:00:00 PM	702000.000	118.462	19.256	270.012
31242.039	35092.320	22.304	23.863	32.008
1.015	14.874			
3/23/2016 3:15:00 PM	702900.000	118.466	19.256	270.021
31237.504	35086.898	22.300	23.859	32.013
1.015	14.873			
3/23/2016 3:30:00 PM	703800.000	118.450	19.256	269.985
31212.475	35058.785	22.280	23.840	32.038
1.015	14.871			
3/23/2016 3:45:00 PM	704700.000	118.459	19.255	270.003
31213.090	35059.996	22.281	23.841	32.038
1.015	14.869			
3/23/2016 4:00:00 PM	705600.000	118.445	19.255	269.973
31251.318	35103.340	22.311	23.870	31.999
1.015	14.871			
3/23/2016 4:15:00 PM	706500.000	118.441	19.255	269.964
31209.889	35056.402	22.279	23.838	32.041
1.015	14.873			
3/23/2016 4:30:00 PM	707400.000	118.430	19.256	269.938
31217.221	35064.441	22.284	23.844	32.034

1.015	14.876			
3/23/2016 4:45:00 PM	708300.000	118.429	19.255	269.935
31252.521	35104.625	22.312	23.871	31.997
1.015	14.868			
3/23/2016 5:00:00 PM	709200.000	118.427	19.256	269.931
31276.295	35130.406	22.330	23.889	31.973
1.015	14.865			
3/23/2016 5:15:00 PM	710100.000	118.425	19.255	269.928
31267.934	35121.602	22.324	23.883	31.982
1.015	14.862			
3/23/2016 5:30:00 PM	711000.000	118.411	19.255	269.895
31273.311	35128.164	22.329	23.887	31.976
1.015	14.867			
3/23/2016 5:45:00 PM	711900.000	118.396	19.255	269.860
31279.281	35134.609	22.333	23.892	31.970
1.015	14.863			
3/23/2016 6:00:00 PM	712800.000	118.368	19.255	269.798
31250.713	35102.461	22.311	23.870	31.999
1.015	14.874			
3/23/2016 6:15:00 PM	713700.000	118.390	19.255	269.847
31289.238	35145.602	22.341	23.899	31.960
1.015	14.862			
3/23/2016 6:30:00 PM	714600.000	118.377	19.255	269.818
31275.123	35129.941	22.330	23.888	31.974
1.015	14.865			
3/23/2016 6:45:00 PM	715500.000	118.368	19.255	269.797
31249.482	35101.078	22.310	23.869	32.001
1.015	14.864			
3/23/2016 7:00:00 PM	716400.000	118.372	19.255	269.806
31233.037	35082.535	22.297	23.856	32.017
1.015	14.862			
3/23/2016 7:15:00 PM	717300.000	118.360	19.255	269.779
31240.480	35090.965	22.303	23.862	32.010
1.015	14.864			
3/23/2016 7:30:00 PM	718200.000	118.360	19.255	269.778
31249.611	35101.617	22.310	23.869	32.000
1.015	14.862			
3/23/2016 7:45:00 PM	719100.000	118.350	19.256	269.757
31238.754	35088.629	22.301	23.860	32.012
1.015	14.863			
3/23/2016 8:00:00 PM	720000.000	118.352	19.255	269.760
31266.957	35120.637	22.324	23.882	31.983
1.015	14.863			
3/23/2016 8:15:00 PM	720900.000	118.349	19.255	269.753
31222.486	35070.684	22.289	23.848	32.028
1.015	14.859			
3/23/2016 8:30:00 PM	721800.000	118.346	19.255	269.746
31223.793	35072.281	22.290	23.849	32.027
1.015	14.862			
3/23/2016 8:45:00 PM	722700.000	118.343	19.255	269.741
31224.002	35072.656	22.290	23.849	32.027
1.015	14.865			
3/23/2016 9:00:00 PM	723600.000	118.336	19.255	269.725
31232.127	35081.715	22.296	23.856	32.018
1.015	14.871			



3/23/2016 9:15:00 PM	724500.000	118.348	19.255	269.751
31220.227	35068.016	22.287	23.846	32.031
1.015	14.865			
3/23/2016 9:30:00 PM	725400.000	118.345	19.255	269.745
31220.863	35068.609	22.287	23.847	32.030
1.015	14.872			
3/23/2016 9:45:00 PM	726300.000	118.352	19.255	269.760
31246.412	35097.691	22.307	23.866	32.004
1.015	14.870			
3/23/2016 10:00:00 PM	727200.000	118.354	19.255	269.766
31209.965	35056.691	22.279	23.839	32.041
1.015	14.867			
3/23/2016 10:15:00 PM	728100.000	118.365	19.255	269.791
31225.189	35073.590	22.291	23.850	32.025
1.015	14.870			
3/23/2016 10:30:00 PM	729000.000	118.361	19.256	269.782
31227.182	35075.566	22.292	23.851	32.023
1.015	14.870			
3/23/2016 10:45:00 PM	729900.000	118.365	19.255	269.790
31203.139	35049.082	22.273	23.833	32.048
1.015	14.868			
3/23/2016 11:00:00 PM	730800.000	118.359	19.255	269.777
31204.451	35050.293	22.274	23.834	32.047
1.015	14.871			
3/23/2016 11:15:00 PM	731700.000	118.371	19.255	269.804
31225.072	35073.395	22.290	23.850	32.026
1.015	14.873			
3/23/2016 11:30:00 PM	732600.000	118.367	19.255	269.796
31244.295	35095.051	22.306	23.865	32.006
1.015	14.867			
3/23/2016 11:45:00 PM	733500.000	118.377	19.255	269.817
31245.348	35096.230	22.306	23.865	32.005
1.015	14.865			

Serial\_number:

1071253

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:  $\mu\text{S}/\text{cm}$

Date	Time	ms	LEVEL	TEMPERAT	CONDUCTIVITY
3/17/2016	0:00:00		0 137.665	17.4	4246.3
3/17/2016	0:15:00		0 137.684	17.4	4247.4
3/17/2016	0:30:00		0 137.682	17.4	4248.6
3/17/2016	0:45:00		0 137.683	17.4	4250.9
3/17/2016	1:00:00		0 137.669	17.4	4254.3
3/17/2016	1:15:00		0 137.694	17.4	4263.6
3/17/2016	1:30:00		0 137.696	17.4	4267
3/17/2016	1:45:00		0 137.683	17.4	4277.4
3/17/2016	2:00:00		0 137.704	17.4	4277.4
3/17/2016	2:15:00		0 137.73	17.4	4282
3/17/2016	2:30:00		0 137.717	17.4	4287.7
3/17/2016	2:45:00		0 137.682	17.4	4278.5
3/17/2016	3:00:00		0 137.705	17.4	4277.4
3/17/2016	3:15:00		0 137.727	17.4	4268.2
3/17/2016	3:30:00		0 137.713	17.4	4262.4
3/17/2016	3:45:00		0 137.731	17.4	4250.9
3/17/2016	4:00:00		0 137.736	17.4	4234.8
3/17/2016	4:15:00		0 137.738	17.4	4199
3/17/2016	4:30:00		0 137.737	17.4	4189.8
3/17/2016	4:45:00		0 137.72	17.4	4159.9
3/17/2016	5:00:00		0 137.761	17.5	4120.5
3/17/2016	5:15:00		0 137.762	17.4	4095.4
3/17/2016	5:30:00		0 137.759	17.4	4053.9
3/17/2016	5:45:00		0 137.759	17.4	4020.5
3/17/2016	6:00:00		0 137.758	17.4	3979
3/17/2016	6:15:00		0 137.72	17.4	3937.5
3/17/2016	6:30:00		0 137.778	17.4	3890.3
3/17/2016	6:45:00		0 137.777	17.4	3835
3/17/2016	7:00:00		0 137.791	17.4	3797
3/17/2016	7:15:00		0 137.749	17.4	3739.4
3/17/2016	7:30:00		0 137.786	17.4	3680.6

3/17/2016	7:45:00	0	137.744	17.4	3625.3
3/17/2016	8:00:00	0	137.746	17.4	3572.4
3/17/2016	8:15:00	0	137.782	17.4	3527.4
3/17/2016	8:30:00	0	137.738	17.4	3492.9
3/17/2016	8:45:00	0	137.78	17.4	3468.7
3/17/2016	9:00:00	0	137.74	17.4	3437.6
3/17/2016	9:15:00	0	137.721	17.4	3419.1
3/17/2016	9:30:00	0	137.739	17.4	3412.2
3/17/2016	9:45:00	0	137.761	17.4	3405.3
3/17/2016	10:00:00	0	137.785	17.4	3412.2
3/17/2016	10:15:00	0	137.771	17.4	3422.6
3/17/2016	10:30:00	0	137.755	17.4	3449.1
3/17/2016	10:45:00	0	137.737	17.4	3487.1
3/17/2016	11:00:00	0	137.721	17.4	3551.6
3/17/2016	11:15:00	0	137.739	17.4	3630
3/17/2016	11:30:00	0	137.76	17.4	3710.6
3/17/2016	11:45:00	0	137.725	17.4	3780.9
3/17/2016	12:00:00	0	137.728	17.4	3860.4
3/17/2016	12:15:00	0	137.712	17.4	3931.8
3/17/2016	12:30:00	0	137.719	17.4	4011.3
3/17/2016	12:45:00	0	137.719	17.4	4096.5
3/17/2016	13:00:00	0	137.702	17.4	4162.2
3/17/2016	13:15:00	0	137.701	17.4	4064.3
3/17/2016	13:30:00	0	137.683	17.4	4299.3
3/17/2016	13:45:00	0	137.64	17.4	4374.1
3/17/2016	14:00:00	0	137.663	17.4	4437.5
3/17/2016	14:15:00	0	137.645	17.4	4476.7
3/17/2016	14:30:00	0	137.649	17.4	4521.6
3/17/2016	14:45:00	0	137.634	17.4	4566.5
3/17/2016	15:00:00	0	137.611	17.4	4603.4
3/17/2016	15:15:00	0	137.612	17.4	4656.4
3/17/2016	15:30:00	0	137.651	17.4	4676
3/17/2016	15:45:00	0	137.611	17.4	4720.9
3/17/2016	16:00:00	0	137.631	17.5	4738
3/17/2016	16:15:00	0	137.592	17.5	4758.7
3/17/2016	16:30:00	0	137.63	17.4	4770.4
3/17/2016	16:45:00	0	137.567	17.4	4788.9
3/17/2016	17:00:00	0	137.638	17.4	4803.8
3/17/2016	17:15:00	0	137.638	17.5	4803.5
3/17/2016	17:30:00	0	137.575	17.5	4800.1
3/17/2016	17:45:00	0	137.609	17.5	4797.8
3/17/2016	18:00:00	0	137.584	17.5	4792
3/17/2016	18:15:00	0	137.602	17.5	4782.9
3/17/2016	18:30:00	0	137.598	17.4	4770.4
3/17/2016	18:45:00	0	137.615	17.4	4741.6
3/17/2016	19:00:00	0	137.569	17.5	4707
3/17/2016	19:15:00	0	137.641	17.4	4686.3

3/17/2016	19:30:00	0	137.621	17.4	4672.5
3/17/2016	19:45:00	0	137.594	17.5	4636.8
3/17/2016	20:00:00	0	137.591	17.4	4609.2
3/17/2016	20:15:00	0	137.589	17.4	4581.5
3/17/2016	20:30:00	0	137.624	17.4	4558.5
3/17/2016	20:45:00	0	137.642	17.4	4515.8
3/17/2016	21:00:00	0	137.639	17.4	4474.4
3/17/2016	21:15:00	0	137.621	17.4	4439.8
3/17/2016	21:30:00	0	137.617	17.4	4421.4
3/17/2016	21:45:00	0	137.651	17.4	4381.1
3/17/2016	22:00:00	0	137.654	17.4	4359.2
3/17/2016	22:15:00	0	137.638	17.4	4333.8
3/17/2016	22:30:00	0	137.655	17.4	4293.5
3/17/2016	22:45:00	0	137.637	17.4	4285.4
3/17/2016	23:00:00	0	137.636	17.4	4273.9
3/17/2016	23:15:00	0	137.658	17.4	4260.1
3/17/2016	23:30:00	0	137.681	17.4	4234.8
3/17/2016	23:45:00	0	137.637	17.4	4230.1
3/18/2016	0:00:00	0	137.661	17.4	4230.1
3/18/2016	0:15:00	0	137.639	17.4	4230.1
3/18/2016	0:30:00	0	137.681	17.4	4240.5
3/18/2016	0:45:00	0	137.666	17.4	4237.1
3/18/2016	1:00:00	0	137.665	17.4	4258.9
3/18/2016	1:15:00	0	137.664	17.4	4253.2
3/18/2016	1:30:00	0	137.629	17.4	4275.1
3/18/2016	1:45:00	0	137.669	17.4	4275.1
3/18/2016	2:00:00	0	137.633	17.4	4286.6
3/18/2016	2:15:00	0	137.654	17.4	4303.9
3/18/2016	2:30:00	0	137.645	17.4	4317.7
3/18/2016	2:45:00	0	137.664	17.4	4328.1
3/18/2016	3:00:00	0	137.671	17.4	4346.5
3/18/2016	3:15:00	0	137.667	17.4	4352.3
3/18/2016	3:30:00	0	137.684	17.4	4360.3
3/18/2016	3:45:00	0	137.686	17.4	4368.4
3/18/2016	4:00:00	0	137.668	17.4	4368.4
3/18/2016	4:15:00	0	137.674	17.4	4364.9
3/18/2016	4:30:00	0	137.673	17.4	4373
3/18/2016	4:45:00	0	137.703	17.4	4366.1
3/18/2016	5:00:00	0	137.674	17.4	4347.6
3/18/2016	5:15:00	0	137.709	17.4	4353.4
3/18/2016	5:30:00	0	137.71	17.4	4321.2
3/18/2016	5:45:00	0	137.665	17.4	4299.3
3/18/2016	6:00:00	0	137.668	17.4	4284.3
3/18/2016	6:15:00	0	137.726	17.4	4262.4
3/18/2016	6:30:00	0	137.722	17.4	4224.4
3/18/2016	6:45:00	0	137.71	17.4	4192.1
3/18/2016	7:00:00	0	137.687	17.4	4153

3/18/2016	7:15:00	0	137.699	17.4	4116.1
3/18/2016	7:30:00	0	137.718	17.4	4078.1
3/18/2016	7:45:00	0	137.733	17.4	4035.5
3/18/2016	8:00:00	0	137.708	17.4	3995.1
3/18/2016	8:15:00	0	137.742	17.4	3962.9
3/18/2016	8:30:00	0	137.696	17.4	3908.7
3/18/2016	8:45:00	0	137.714	17.4	3862.7
3/18/2016	9:00:00	0	137.766	17.4	3837.3
3/18/2016	9:15:00	0	137.745	17.4	3805.1
3/18/2016	9:30:00	0	137.722	17.4	3767
3/18/2016	9:45:00	0	137.717	17.4	3745.2
3/18/2016	10:00:00	0	137.715	17.4	3735.9
3/18/2016	10:15:00	0	137.712	17.4	3733.6
3/18/2016	10:30:00	0	137.709	17.4	3716.4
3/18/2016	10:45:00	0	137.687	17.4	3731.3
3/18/2016	11:00:00	0	137.705	17.4	3753.2
3/18/2016	11:15:00	0	137.667	17.4	3762.4
3/18/2016	11:30:00	0	137.685	17.4	3799.3
3/18/2016	11:45:00	0	137.666	17.4	3837.3
3/18/2016	12:00:00	0	137.686	17.4	3875.3
3/18/2016	12:15:00	0	137.632	17.4	3945.6
3/18/2016	12:30:00	0	137.637	17.4	3995.1
3/18/2016	12:45:00	0	137.664	17.4	4073.5
3/18/2016	13:00:00	0	137.594	17.4	4138
3/18/2016	13:15:00	0	137.637	17.4	4192.1
3/18/2016	13:30:00	0	137.664	17.4	4258.9
3/18/2016	13:45:00	0	137.654	17.4	4330.4
3/18/2016	14:00:00	0	137.617	17.4	4383.4
3/18/2016	14:15:00	0	137.579	17.4	4446.7
3/18/2016	14:30:00	0	137.596	17.4	4506.6
3/18/2016	14:45:00	0	137.619	17.4	4564.2
3/18/2016	15:00:00	0	137.601	17.4	4619.5
3/18/2016	15:15:00	0	137.601	17.4	4664.4
3/18/2016	15:30:00	0	137.58	17.4	4711.7
3/18/2016	15:45:00	0	137.582	17.5	4750.6
3/18/2016	16:00:00	0	137.561	17.4	4798.1
3/18/2016	16:15:00	0	137.58	17.4	4825.7
3/18/2016	16:30:00	0	137.559	17.5	4851.9
3/18/2016	16:45:00	0	137.56	17.5	4877.1
3/18/2016	17:00:00	0	137.556	17.5	4900.1
3/18/2016	17:15:00	0	137.572	17.5	4910.5
3/18/2016	17:30:00	0	137.551	17.5	4930
3/18/2016	17:45:00	0	137.53	17.5	4938.1
3/18/2016	18:00:00	0	137.549	17.4	4940.9
3/18/2016	18:15:00	0	137.545	17.5	4939.3
3/18/2016	18:30:00	0	137.522	17.4	4942.1
3/18/2016	18:45:00	0	137.54	17.5	4926.6

3/18/2016	19:00:00	0	137.537	17.5	4915.1
3/18/2016	19:15:00	0	137.554	17.5	4901.3
3/18/2016	19:30:00	0	137.531	17.5	4870.3
3/18/2016	19:45:00	0	137.529	17.4	4858
3/18/2016	20:00:00	0	137.464	17.4	4849.9
3/18/2016	20:15:00	0	137.521	17.4	4809.6
3/18/2016	20:30:00	0	137.501	17.4	4783.1
3/18/2016	20:45:00	0	137.523	17.4	4755.5
3/18/2016	21:00:00	0	137.504	17.4	4720.9
3/18/2016	21:15:00	0	137.541	17.5	4682.8
3/18/2016	21:30:00	0	137.519	17.4	4649.5
3/18/2016	21:45:00	0	137.482	17.5	4618.4
3/18/2016	22:00:00	0	137.54	17.4	4593
3/18/2016	22:15:00	0	137.523	17.4	4563.1
3/18/2016	22:30:00	0	137.52	17.4	4548.1
3/18/2016	22:45:00	0	137.541	17.4	4520.4
3/18/2016	23:00:00	0	137.524	17.4	4484.7
3/18/2016	23:15:00	0	137.522	17.4	4460.5
3/18/2016	23:30:00	0	137.541	17.5	4459.7
3/18/2016	23:45:00	0	137.503	17.4	4436.4
3/19/2016	0:00:00	0	137.522	17.4	4437.5
3/19/2016	0:15:00	0	137.518	17.4	4424.8
3/19/2016	0:30:00	0	137.537	17.4	4417.9
3/19/2016	0:45:00	0	137.515	17.4	4420.2
3/19/2016	1:00:00	0	137.492	17.4	4429.4
3/19/2016	1:15:00	0	137.551	17.4	4427.1
3/19/2016	1:30:00	0	137.532	17.4	4432.9
3/19/2016	1:45:00	0	137.534	17.5	4439
3/19/2016	2:00:00	0	137.497	17.4	4451.3
3/19/2016	2:15:00	0	137.517	17.4	4472.1
3/19/2016	2:30:00	0	137.537	17.4	4484.7
3/19/2016	2:45:00	0	137.539	17.4	4492.8
3/19/2016	3:00:00	0	137.523	17.4	4521.6
3/19/2016	3:15:00	0	137.523	17.4	4527.4
3/19/2016	3:30:00	0	137.522	17.4	4538.9
3/19/2016	3:45:00	0	137.517	17.4	4568.8
3/19/2016	4:00:00	0	137.539	17.4	4588.4
3/19/2016	4:15:00	0	137.495	17.4	4609.2
3/19/2016	4:30:00	0	137.516	17.4	4619.5
3/19/2016	4:45:00	0	137.499	17.5	4606.9
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3/19/2016	5:15:00	0	137.507	17.4	4614.9
3/19/2016	5:30:00	0	137.543	17.5	4612.6
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3/19/2016	6:00:00	0	137.557	17.4	4603.4
3/19/2016	6:15:00	0	137.518	17.4	4581.5
3/19/2016	6:30:00	0	137.533	17.4	4580.4

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3/19/2016	7:15:00	0	137.58	17.4	4497.4
3/19/2016	7:30:00	0	137.538	17.4	4484.7
3/19/2016	7:45:00	0	137.553	17.4	4445.6
3/19/2016	8:00:00	0	137.569	17.4	4409.9
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3/19/2016	8:30:00	0	137.546	17.4	4353.4
3/19/2016	8:45:00	0	137.55	17.4	4315.4
3/19/2016	9:00:00	0	137.57	17.4	4278.5
3/19/2016	9:15:00	0	137.585	17.4	4237.1
3/19/2016	9:30:00	0	137.56	17.4	4211.7
3/19/2016	9:45:00	0	137.581	17.4	4169.1
3/19/2016	10:00:00	0	137.556	17.4	4127.6
3/19/2016	10:15:00	0	137.558	17.4	4116.1
3/19/2016	10:30:00	0	137.564	17.4	4093.1
3/19/2016	10:45:00	0	137.547	17.4	4060.8
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3/19/2016	11:15:00	0	137.557	17.4	4048.1
3/19/2016	11:30:00	0	137.538	17.4	4042.4
3/19/2016	11:45:00	0	137.556	17.4	4051.6
3/19/2016	12:00:00	0	137.555	17.4	4066.6
3/19/2016	12:15:00	0	137.534	17.4	4073.5
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3/19/2016	12:45:00	0	137.536	17.4	4133.4
3/19/2016	13:00:00	0	137.555	17.4	4165.6
3/19/2016	13:15:00	0	137.538	17.4	4193.3
3/19/2016	13:30:00	0	137.517	17.4	4238.2
3/19/2016	13:45:00	0	137.54	17.4	4284.3
3/19/2016	14:00:00	0	137.492	17.4	4340.7
3/19/2016	14:15:00	0	137.517	17.4	4388
3/19/2016	14:30:00	0	137.501	17.4	4442.1
3/19/2016	14:45:00	0	137.485	17.4	4498.6
3/19/2016	15:00:00	0	137.483	17.4	4546.9
3/19/2016	15:15:00	0	137.504	17.4	4606.8
3/19/2016	15:30:00	0	137.488	17.4	4648.3
3/19/2016	15:45:00	0	137.47	17.4	4696.7
3/19/2016	16:00:00	0	137.474	17.4	4718.6
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3/19/2016	16:45:00	0	137.437	17.4	4832.6
3/19/2016	17:00:00	0	137.44	17.4	4862.6
3/19/2016	17:15:00	0	137.459	17.5	4877.1
3/19/2016	17:30:00	0	137.415	17.4	4921.3
3/19/2016	17:45:00	0	137.415	17.5	4937
3/19/2016	18:00:00	0	137.42	17.4	4957.1
3/19/2016	18:15:00	0	137.404	17.4	4966.3

3/19/2016	18:30:00	0	137.404	17.4	4974.3
3/19/2016	18:45:00	0	137.401	17.4	4966.3
3/19/2016	19:00:00	0	137.414	17.5	4961.1
3/19/2016	19:15:00	0	137.392	17.5	4949.6
3/19/2016	19:30:00	0	137.389	17.4	4942.1
3/19/2016	19:45:00	0	137.383	17.4	4934
3/19/2016	20:00:00	0	137.417	17.5	4910.5
3/19/2016	20:15:00	0	137.374	17.5	4895.5
3/19/2016	20:30:00	0	137.411	17.4	4875.3
3/19/2016	20:45:00	0	137.387	17.4	4863.7
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3/19/2016	21:15:00	0	137.346	17.4	4801.5
3/19/2016	21:30:00	0	137.421	17.4	4752
3/19/2016	21:45:00	0	137.35	17.4	4720.9
3/19/2016	22:00:00	0	137.381	17.4	4703.6
3/19/2016	22:15:00	0	137.418	17.5	4652.9
3/19/2016	22:30:00	0	137.373	17.4	4629.9
3/19/2016	22:45:00	0	137.374	17.4	4608
3/19/2016	23:00:00	0	137.393	17.4	4574.6
3/19/2016	23:15:00	0	137.414	17.4	4550.4
3/19/2016	23:30:00	0	137.376	17.4	4529.7
3/19/2016	23:45:00	0	137.392	17.4	4503.2
3/20/2016	0:00:00	0	137.414	17.4	4484.7
3/20/2016	0:15:00	0	137.395	17.4	4474.4
3/20/2016	0:30:00	0	137.373	17.4	4461.7
3/20/2016	0:45:00	0	137.37	17.4	4445.6
3/20/2016	1:00:00	0	137.365	17.4	4434
3/20/2016	1:15:00	0	137.334	17.4	4430.6
3/20/2016	1:30:00	0	137.372	17.4	4434
3/20/2016	1:45:00	0	137.408	17.4	4435.2
3/20/2016	2:00:00	0	137.331	17.4	4447.9
3/20/2016	2:15:00	0	137.336	17.4	4470.9
3/20/2016	2:30:00	0	137.362	17.4	4483.6
3/20/2016	2:45:00	0	137.384	17.4	4502
3/20/2016	3:00:00	0	137.359	17.4	4525.1
3/20/2016	3:15:00	0	137.361	17.4	4548.1
3/20/2016	3:30:00	0	137.38	17.4	4563.1
3/20/2016	3:45:00	0	137.323	17.4	4576.9
3/20/2016	4:00:00	0	137.346	17.4	4596.5
3/20/2016	4:15:00	0	137.361	17.4	4613.8
3/20/2016	4:30:00	0	137.38	17.4	4635.6
3/20/2016	4:45:00	0	137.342	17.4	4659.8
3/20/2016	5:00:00	0	137.363	17.4	4659.8
3/20/2016	5:15:00	0	137.363	17.4	4679.4
3/20/2016	5:30:00	0	137.364	17.4	4679.4
3/20/2016	5:45:00	0	137.359	17.4	4686.3
3/20/2016	6:00:00	0	137.339	17.4	4692.1



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3/20/2016	6:30:00	0	137.376	17.5	4667.9
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3/20/2016	7:00:00	0	137.374	17.4	4650.6
3/20/2016	7:15:00	0	137.348	17.4	4646
3/20/2016	7:30:00	0	137.409	17.4	4614.9
3/20/2016	7:45:00	0	137.368	17.4	4590.7
3/20/2016	8:00:00	0	137.325	17.4	4566.5
3/20/2016	8:15:00	0	137.362	17.4	4529.7
3/20/2016	8:30:00	0	137.36	17.4	4496.3
3/20/2016	8:45:00	0	137.377	17.4	4479
3/20/2016	9:00:00	0	137.37	17.4	4434
3/20/2016	9:15:00	0	137.391	17.4	4405.2
3/20/2016	9:30:00	0	137.349	17.4	4375.3
3/20/2016	9:45:00	0	137.351	17.4	4336.1
3/20/2016	10:00:00	0	137.399	17.4	4308.5
3/20/2016	10:15:00	0	137.402	17.4	4275.1
3/20/2016	10:30:00	0	137.38	17.4	4231.3
3/20/2016	10:45:00	0	137.401	17.4	4212.9
3/20/2016	11:00:00	0	137.363	17.4	4185.2
3/20/2016	11:15:00	0	137.36	17.4	4159.9
3/20/2016	11:30:00	0	137.394	17.4	4148.4
3/20/2016	11:45:00	0	137.373	17.4	4140.3
3/20/2016	12:00:00	0	137.396	17.4	4131.1
3/20/2016	12:15:00	0	137.396	17.4	4127.6
3/20/2016	12:30:00	0	137.422	17.4	4124.2
3/20/2016	12:45:00	0	137.388	17.4	4143.7
3/20/2016	13:00:00	0	137.38	17.4	4162.2
3/20/2016	13:15:00	0	137.351	17.4	4181.8
3/20/2016	13:30:00	0	137.349	17.4	4217.5
3/20/2016	13:45:00	0	137.388	17.4	4241.7
3/20/2016	14:00:00	0	137.374	17.4	4280.8
3/20/2016	14:15:00	0	137.339	17.4	4313.1
3/20/2016	14:30:00	0	137.325	17.4	4352.3
3/20/2016	14:45:00	0	137.347	17.4	4391.4
3/20/2016	15:00:00	0	137.327	17.4	4434
3/20/2016	15:15:00	0	137.322	17.4	4472.1
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3/20/2016	16:00:00	0	137.286	17.4	4605.7
3/20/2016	16:15:00	0	137.269	17.4	4651.8
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3/20/2016	16:45:00	0	137.275	17.4	4729
3/20/2016	17:00:00	0	137.278	17.4	4770.4
3/20/2016	17:15:00	0	137.34	17.4	4776.2
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3/20/2016	17:45:00	0	137.31	17.4	4836.1

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3/20/2016	18:45:00	0	137.24	17.4	4899.5
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3/20/2016	19:30:00	0	137.29	17.4	4932.9
3/20/2016	19:45:00	0	137.291	17.5	4914
3/20/2016	20:00:00	0	137.291	17.4	4915.6
3/20/2016	20:15:00	0	137.3	17.4	4902.9
3/20/2016	20:30:00	0	137.301	17.4	4887.9
3/20/2016	20:45:00	0	137.3	17.4	4860.3
3/20/2016	21:00:00	0	137.304	17.4	4828
3/20/2016	21:15:00	0	137.303	17.4	4777.3
3/20/2016	21:30:00	0	137.277	17.4	4770.4
3/20/2016	21:45:00	0	137.313	17.4	4730.1
3/20/2016	22:00:00	0	137.286	17.4	4704.8
3/20/2016	22:15:00	0	137.306	17.4	4672.5
3/20/2016	22:30:00	0	137.306	17.4	4635.6
3/20/2016	22:45:00	0	137.287	17.4	4601.1
3/20/2016	23:00:00	0	137.303	17.4	4558.5
3/20/2016	23:15:00	0	137.266	17.4	4532
3/20/2016	23:30:00	0	137.286	17.4	4500.9
3/20/2016	23:45:00	0	137.327	17.4	4460.5
3/21/2016	0:00:00	0	137.306	17.4	4446.7
3/21/2016	0:15:00	0	137.282	17.4	4430.6
3/21/2016	0:30:00	0	137.318	17.4	4411
3/21/2016	0:45:00	0	137.315	17.4	4391.4
3/21/2016	1:00:00	0	137.294	17.4	4373
3/21/2016	1:15:00	0	137.334	17.4	4374.1
3/21/2016	1:30:00	0	137.295	17.4	4366.1
3/21/2016	1:45:00	0	137.316	17.4	4378.8
3/21/2016	2:00:00	0	137.318	17.4	4384.5
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3/21/2016	2:30:00	0	137.276	17.4	4379.9
3/21/2016	2:45:00	0	137.337	17.4	4392.6
3/21/2016	3:00:00	0	137.318	17.4	4416.8
3/21/2016	3:15:00	0	137.322	17.4	4442.1
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3/21/2016	3:45:00	0	137.292	17.4	4466.3
3/21/2016	4:00:00	0	137.294	17.4	4492.8
3/21/2016	4:15:00	0	137.295	17.4	4519.3
3/21/2016	4:30:00	0	137.317	17.4	4545.8
3/21/2016	4:45:00	0	137.315	17.4	4553.9
3/21/2016	5:00:00	0	137.332	17.4	4594.2
3/21/2016	5:15:00	0	137.324	17.4	4601.1
3/21/2016	5:30:00	0	137.323	17.4	4621.8

3/21/2016	5:45:00	0	137.31	17.4	4643.7
3/21/2016	6:00:00	0	137.348	17.4	4662.1
3/21/2016	6:15:00	0	137.328	17.4	4657.5
3/21/2016	6:30:00	0	137.309	17.4	4670.2
3/21/2016	6:45:00	0	137.32	17.4	4682.9
3/21/2016	7:00:00	0	137.363	17.4	4673.7
3/21/2016	7:15:00	0	137.34	17.4	4673.7
3/21/2016	7:30:00	0	137.36	17.4	4659.8
3/21/2016	7:45:00	0	137.307	17.4	4655.2
3/21/2016	8:00:00	0	137.323	17.4	4633.3
3/21/2016	8:15:00	0	137.377	17.4	4617.2
3/21/2016	8:30:00	0	137.338	17.4	4598.8
3/21/2016	8:45:00	0	137.353	17.4	4571.1
3/21/2016	9:00:00	0	137.365	17.4	4537.7
3/21/2016	9:15:00	0	137.344	17.4	4511.2
3/21/2016	9:30:00	0	137.362	17.4	4477.8
3/21/2016	9:45:00	0	137.361	17.4	4437.5
3/21/2016	10:00:00	0	137.379	17.4	4398.3
3/21/2016	10:15:00	0	137.416	17.4	4361.5
3/21/2016	10:30:00	0	137.358	17.4	4331.5
3/21/2016	10:45:00	0	137.384	17.4	4302.7
3/21/2016	11:00:00	0	137.384	17.4	4277.4
3/21/2016	11:15:00	0	137.39	17.4	4237.1
3/21/2016	11:30:00	0	137.374	17.4	4207.1
3/21/2016	11:45:00	0	137.424	17.4	4186.4
3/21/2016	12:00:00	0	137.391	17.4	4155.3
3/21/2016	12:15:00	0	137.375	17.4	4154.1
3/21/2016	12:30:00	0	137.397	17.4	4141.4
3/21/2016	12:45:00	0	137.365	17.4	4138
3/21/2016	13:00:00	0	137.392	17.4	4134.5
3/21/2016	13:15:00	0	137.381	17.4	4124.2
3/21/2016	13:30:00	0	137.426	17.4	4138
3/21/2016	13:45:00	0	137.372	17.4	4156.4
3/21/2016	14:00:00	0	137.416	17.4	4177.2
3/21/2016	14:15:00	0	137.415	17.4	4193.3
3/21/2016	14:30:00	0	137.396	17.4	4223.2
3/21/2016	14:45:00	0	137.355	17.4	4254.3
3/21/2016	15:00:00	0	137.38	17.4	4280.8
3/21/2016	15:15:00	0	137.359	17.4	4300.4
3/21/2016	15:30:00	0	137.381	17.4	4360.3
3/21/2016	15:45:00	0	137.34	17.4	4396
3/21/2016	16:00:00	0	137.346	17.4	4449
3/21/2016	16:15:00	0	137.327	17.4	4491.6
3/21/2016	16:30:00	0	137.349	17.4	4546.9
3/21/2016	16:45:00	0	137.374	17.4	4570
3/21/2016	17:00:00	0	137.316	17.4	4618.4
3/21/2016	17:15:00	0	137.334	17.4	4657.5

3/21/2016	17:30:00	0	137.351	17.4	4682.9
3/21/2016	17:45:00	0	137.332	17.4	4716.3
3/21/2016	18:00:00	0	137.295	17.4	4752
3/21/2016	18:15:00	0	137.296	17.4	4772.7
3/21/2016	18:30:00	0	137.296	17.4	4800.4
3/21/2016	18:45:00	0	137.294	17.4	4813.1
3/21/2016	19:00:00	0	137.314	17.4	4820
3/21/2016	19:15:00	0	137.288	17.4	4839.6
3/21/2016	19:30:00	0	137.282	17.4	4843
3/21/2016	19:45:00	0	137.291	17.4	4845.3
3/21/2016	20:00:00	0	137.305	17.4	4849.9
3/21/2016	20:15:00	0	137.299	17.5	4836.9
3/21/2016	20:30:00	0	137.317	17.4	4837.2
3/21/2016	20:45:00	0	137.313	17.4	4830.3
3/21/2016	21:00:00	0	137.303	17.4	4803.8
3/21/2016	21:15:00	0	137.34	17.4	4771.6
3/21/2016	21:30:00	0	137.236	17.4	4747.4
3/21/2016	21:45:00	0	137.296	17.4	4737
3/21/2016	22:00:00	0	137.311	17.4	4712.8
3/21/2016	22:15:00	0	137.307	17.4	4672.5
3/21/2016	22:30:00	0	137.265	17.4	4635.6
3/21/2016	22:45:00	0	137.303	17.4	4590.7
3/21/2016	23:00:00	0	137.322	17.4	4553.9
3/21/2016	23:15:00	0	137.304	17.4	4525.1
3/21/2016	23:30:00	0	137.282	17.4	4489.3
3/21/2016	23:45:00	0	137.341	17.4	4459.4
3/22/2016	0:00:00	0	137.303	17.4	4435.2
3/22/2016	0:15:00	0	137.279	17.4	4402.9
3/22/2016	0:30:00	0	137.32	17.4	4371.8
3/22/2016	0:45:00	0	137.296	17.4	4354.6
3/22/2016	1:00:00	0	137.295	17.4	4333.8
3/22/2016	1:15:00	0	137.297	17.4	4313.1
3/22/2016	1:30:00	0	137.315	17.4	4310.8
3/22/2016	1:45:00	0	137.289	17.4	4313.1
3/22/2016	2:00:00	0	137.331	17.4	4302.7
3/22/2016	2:15:00	0	137.296	17.4	4309.6
3/22/2016	2:30:00	0	137.319	17.4	4318.8
3/22/2016	2:45:00	0	137.299	17.4	4336.1
3/22/2016	3:00:00	0	137.299	17.4	4341.9
3/22/2016	3:15:00	0	137.262	17.4	4360.3
3/22/2016	3:30:00	0	137.3	17.4	4371.8
3/22/2016	3:45:00	0	137.277	17.4	4401.8
3/22/2016	4:00:00	0	137.314	17.4	4424.8
3/22/2016	4:15:00	0	137.274	17.4	4452.5
3/22/2016	4:30:00	0	137.285	17.4	4473.2
3/22/2016	4:45:00	0	137.303	17.4	4498.6
3/22/2016	5:00:00	0	137.295	17.4	4528.5

3/22/2016	5:15:00	0	137.317	17.4	4552.7
3/22/2016	5:30:00	0	137.313	17.4	4556.2
3/22/2016	5:45:00	0	137.307	17.4	4585
3/22/2016	6:00:00	0	137.304	17.4	4612.6
3/22/2016	6:15:00	0	137.281	17.4	4626.4
3/22/2016	6:30:00	0	137.273	17.4	4648.3
3/22/2016	6:45:00	0	137.288	17.4	4666.8
3/22/2016	7:00:00	0	137.342	17.4	4678.3
3/22/2016	7:15:00	0	137.31	17.4	4703.6
3/22/2016	7:30:00	0	137.3	17.4	4702.5
3/22/2016	7:45:00	0	137.273	17.4	4709.4
3/22/2016	8:00:00	0	137.305	17.4	4702.5
3/22/2016	8:15:00	0	137.297	17.4	4702.5
3/22/2016	8:30:00	0	137.25	17.4	4694.4
3/22/2016	8:45:00	0	137.242	17.4	4678.3
3/22/2016	9:00:00	0	137.276	17.4	4654.1
3/22/2016	9:15:00	0	137.254	17.4	4632.2
3/22/2016	9:30:00	0	137.27	17.4	4609.2
3/22/2016	9:45:00	0	137.309	17.4	4589.6
3/22/2016	10:00:00	0	137.308	17.4	4557.3
3/22/2016	10:15:00	0	137.286	17.4	4519.3
3/22/2016	10:30:00	0	137.307	17.4	4497.4
3/22/2016	10:45:00	0	137.304	17.4	4459.4
3/22/2016	11:00:00	0	137.287	17.4	4416.8
3/22/2016	11:15:00	0	137.286	17.4	4393.7
3/22/2016	11:30:00	0	137.351	17.4	4361.5
3/22/2016	11:45:00	0	137.336	17.4	4339.6
3/22/2016	12:00:00	0	137.296	17.4	4308.5
3/22/2016	12:15:00	0	137.301	17.4	4293.5
3/22/2016	12:30:00	0	137.349	17.4	4262.4
3/22/2016	12:45:00	0	137.354	17.4	4254.3
3/22/2016	13:00:00	0	137.319	17.4	4230.1
3/22/2016	13:15:00	0	137.322	17.4	4219.8
3/22/2016	13:30:00	0	137.324	17.4	4217.5
3/22/2016	13:45:00	0	137.328	17.4	4218.6
3/22/2016	14:00:00	0	137.292	17.4	4223.2
3/22/2016	14:15:00	0	137.319	17.4	4231.3
3/22/2016	14:30:00	0	137.339	17.4	4244
3/22/2016	14:45:00	0	137.305	17.4	4258.9
3/22/2016	15:00:00	0	137.327	17.4	4302.7
3/22/2016	15:15:00	0	137.33	17.4	4305
3/22/2016	15:30:00	0	137.309	17.4	4323.5
3/22/2016	15:45:00	0	137.313	17.4	4366.1
3/22/2016	16:00:00	0	137.314	17.4	4390.3
3/22/2016	16:15:00	0	137.302	17.4	4416.8
3/22/2016	16:30:00	0	137.301	17.4	4461.7
3/22/2016	16:45:00	0	137.323	17.4	4506.6

3/22/2016	17:00:00	0	137.279	17.4	4538.9
3/22/2016	17:15:00	0	137.283	17.4	4564.2
3/22/2016	17:30:00	0	137.321	17.4	4606.8
3/22/2016	17:45:00	0	137.317	17.4	4632.2
3/22/2016	18:00:00	0	137.301	17.4	4655.2
3/22/2016	18:15:00	0	137.294	17.4	4687.5
3/22/2016	18:30:00	0	137.228	17.4	4718.6
3/22/2016	18:45:00	0	137.265	17.4	4740.5
3/22/2016	19:00:00	0	137.239	17.4	4764.7
3/22/2016	19:15:00	0	137.272	17.4	4779.6
3/22/2016	19:30:00	0	137.288	17.4	4796.9
3/22/2016	19:45:00	0	137.227	17.4	4794.6
3/22/2016	20:00:00	0	137.281	17.4	4813.1
3/22/2016	20:15:00	0	137.258	17.4	4811.9
3/22/2016	20:30:00	0	137.291	17.5	4800.1
3/22/2016	20:45:00	0	137.244	17.4	4807.3
3/22/2016	21:00:00	0	137.301	17.4	4800.4
3/22/2016	21:15:00	0	137.26	17.4	4782
3/22/2016	21:30:00	0	137.319	17.4	4773.9
3/22/2016	21:45:00	0	137.281	17.4	4764.7
3/22/2016	22:00:00	0	137.259	17.4	4720.9
3/22/2016	22:15:00	0	137.285	17.4	4692.1
3/22/2016	22:30:00	0	137.303	17.4	4657.5
3/22/2016	22:45:00	0	137.304	17.4	4648.3
3/22/2016	23:00:00	0	137.331	17.4	4606.8
3/22/2016	23:15:00	0	137.313	17.4	4580.4
3/22/2016	23:30:00	0	137.291	17.4	4550.4
3/22/2016	23:45:00	0	137.314	17.4	4510.1
3/23/2016	0:00:00	0	137.313	17.4	4484.7
3/23/2016	0:15:00	0	137.292	17.4	4458.2
3/23/2016	0:30:00	0	137.335	17.4	4427.1
3/23/2016	0:45:00	0	137.356	17.4	4411
3/23/2016	1:00:00	0	137.372	17.4	4375.3
3/23/2016	1:15:00	0	137.33	17.4	4362.6
3/23/2016	1:30:00	0	137.313	17.4	4353.4
3/23/2016	1:45:00	0	137.339	17.4	4330.4
3/23/2016	2:00:00	0	137.321	17.4	4325.8
3/23/2016	2:15:00	0	137.344	17.4	4329.2
3/23/2016	2:30:00	0	137.311	17.4	4329.2
3/23/2016	2:45:00	0	137.353	17.4	4331.5
3/23/2016	3:00:00	0	137.374	17.4	4344.2
3/23/2016	3:15:00	0	137.335	17.4	4361.5
3/23/2016	3:30:00	0	137.338	17.4	4375.3
3/23/2016	3:45:00	0	137.321	17.4	4398.3
3/23/2016	4:00:00	0	137.3	17.4	4421.4
3/23/2016	4:15:00	0	137.299	17.4	4465.2
3/23/2016	4:30:00	0	137.357	17.4	4477.8

3/23/2016	4:45:00	0	137.334	17.4	4507.8
3/23/2016	5:00:00	0	137.306	17.4	4534.3
3/23/2016	5:15:00	0	137.302	17.4	4572.3
3/23/2016	5:30:00	0	137.317	17.4	4599.9
3/23/2016	5:45:00	0	137.275	17.4	4629.9
3/23/2016	6:00:00	0	137.327	17.4	4651.8
3/23/2016	6:15:00	0	137.323	17.4	4672.5
3/23/2016	6:30:00	0	137.357	17.4	4699
3/23/2016	6:45:00	0	137.31	17.4	4720.9
3/23/2016	7:00:00	0	137.28	17.4	4749.7
3/23/2016	7:15:00	0	137.271	17.4	4755.5
3/23/2016	7:30:00	0	137.264	17.4	4772.7
3/23/2016	7:45:00	0	137.256	17.4	4793.5
3/23/2016	8:00:00	0	137.29	17.4	4801.5
3/23/2016	8:15:00	0	137.268	17.4	4813.1
3/23/2016	8:30:00	0	137.284	17.4	4809.6
3/23/2016	8:45:00	0	137.238	17.4	4798.1
3/23/2016	9:00:00	0	137.273	17.4	4795.8
3/23/2016	9:15:00	0	137.271	17.4	4793.5
3/23/2016	9:30:00	0	137.23	17.4	4778.5
3/23/2016	9:45:00	0	137.286	17.4	4764.7
3/23/2016	10:00:00	0	137.308	17.4	4752
3/23/2016	10:15:00	0	137.267	17.4	4716.3
3/23/2016	10:30:00	0	137.265	17.4	4690.9
3/23/2016	10:45:00	0	137.271	17.4	4670.2
3/23/2016	11:00:00	0	137.311	17.4	4638
3/23/2016	11:15:00	0	137.289	17.4	4611.5
3/23/2016	11:30:00	0	137.296	17.4	4589.6
3/23/2016	11:45:00	0	137.314	17.4	4558.5
3/23/2016	12:00:00	0	137.296	17.4	4522.8
3/23/2016	12:15:00	0	137.321	17.4	4503.2
3/23/2016	12:30:00	0	137.306	17.4	4497.4
3/23/2016	12:45:00	0	137.29	17.4	4449
3/23/2016	13:00:00	0	137.306	17.4	4421.4
3/23/2016	13:15:00	0	137.295	17.4	4409.9
3/23/2016	13:30:00	0	137.277	17.4	4409.9
3/23/2016	13:45:00	0	137.317	17.4	4406.4
3/23/2016	14:00:00	0	137.342	17.4	4396
3/23/2016	14:15:00	0	137.304	17.4	4390.3
3/23/2016	14:30:00	0	137.286	17.4	4404.1
3/23/2016	14:45:00	0	137.265	17.4	4409.9
3/23/2016	15:00:00	0	137.286	17.4	4420.2
3/23/2016	15:15:00	0	137.249	17.4	4432.9
3/23/2016	15:30:00	0	137.252	17.4	4451.3
3/23/2016	15:45:00	0	137.255	17.4	4482.4
3/23/2016	16:00:00	0	137.259	17.4	4515.8
3/23/2016	16:15:00	0	137.261	17.4	4520.4

3/23/2016	16:30:00	0	137.282	17.4	4543.5
3/23/2016	16:45:00	0	137.266	17.4	4563.1
3/23/2016	17:00:00	0	137.249	17.4	4589.6
3/23/2016	17:15:00	0	137.243	17.4	4635.6
3/23/2016	17:30:00	0	137.219	17.4	4672.5
3/23/2016	17:45:00	0	137.244	17.4	4704.8
3/23/2016	18:00:00	0	137.243	17.4	4729
3/23/2016	18:15:00	0	137.222	17.4	4748.5
3/23/2016	18:30:00	0	137.207	17.4	4772.7
3/23/2016	18:45:00	0	137.231	17.4	4793.5
3/23/2016	19:00:00	0	137.23	17.4	4824.6
3/23/2016	19:15:00	0	137.207	17.4	4846.5
3/23/2016	19:30:00	0	137.205	17.4	4852.2
3/23/2016	19:45:00	0	137.199	17.4	4873
3/23/2016	20:00:00	0	137.196	17.4	4887.9
3/23/2016	20:15:00	0	137.194	17.4	4894.8
3/23/2016	20:30:00	0	137.195	17.4	4904.1
3/23/2016	20:45:00	0	137.216	17.4	4904.1
3/23/2016	21:00:00	0	137.201	17.4	4902.9
3/23/2016	21:15:00	0	137.196	17.4	4897.2
3/23/2016	21:30:00	0	137.214	17.4	4886.8
3/23/2016	21:45:00	0	137.197	17.4	4873
3/23/2016	22:00:00	0	137.157	17.4	4870.7
3/23/2016	22:15:00	0	137.194	17.4	4845.3
3/23/2016	22:30:00	0	137.178	17.4	4806.1
3/23/2016	22:45:00	0	137.215	17.4	4788.9
3/23/2016	23:00:00	0	137.211	17.4	4761.2
3/23/2016	23:15:00	0	137.21	17.4	4729
3/23/2016	23:30:00	0	137.232	17.4	4699
3/23/2016	23:45:00	0	137.185	17.4	4663.3

\*Daylight Savings Time taken into account for Report 47 figures.



Report Date: 3/24/2016 2:16:07 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-7S LT Test\_2016-03-24\_09-42-45-923-BaroMerge.wsl  
Create Date: 3/24/2016 2:13:47 PM

Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-7S  
Device Name:  
Serial Number: 427086  
Firmware Version: 2.00  
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-7S 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: Depth  
Specific Gravity: 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 4:09:52 PM	Used Battery: 0% Used Memory: 1% User Name: CShaw
11/28/2015 4:10:40 PM	Sensor SN: 427086 Cache Timeout: 1000 User Name: CShaw
11/28/2015 4:11:47 PM	Device Taken Offline
11/28/2015 4:13:26 PM	Sensor SN: 427086 Actual conductivity calibration. Cell Constant: 1.01973 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
11/28/2015 4:14:17 PM	Device Put Online
11/28/2015 4:14:18 PM	Sensor SN: 427086 Cache Timeout: 1750 User Name: CShaw
11/29/2015 12:55:05 PM	Log Download - Used Battery: 0% Used Memory: 1% User Name: CShaw
12/3/2015 8:40:32 AM	Log Download - Used Battery: 0% Used Memory: 1% User Name: KMaker
12/10/2015 10:54:49 AM	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 10:22:31 AM	Log Download - Used Battery: 1% Used Memory: 3% User Name: KMaker Interval - Start Time:
12/1/2015 12:00:00 PM	Stop Time: 12/17/2015 10:15:00 AM
1/3/2016 11:08:12 AM	Log Download - Used Battery: 2% Used Memory: 4% User Name: CShaw Interval - Start Time:
11/30/2015 1:00:00 AM	Stop Time: 1/3/2016 11:00:00 AM
1/7/2016 9:38:18 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: KMaker Interval - Start Time:
12/31/2015 10:00:00 AM	Stop Time: 1/7/2016 9:30:00 AM
1/14/2016 11:36:01 AM	Log Download - Used Battery: 2% Used Memory: 6% User Name: KMaker Interval - Start Time:
1/4/2016 10:00:00 AM	Stop Time: 1/14/2016 11:30:00 AM
1/21/2016 9:52:24 AM	Log Download - Used Battery: 3% Used Memory: 7% User Name: KMaker Interval - Start Time:
1/12/2016 11:00:00 AM	Stop Time: 1/21/2016 9:45:00 AM
1/28/2016 10:10:00 AM	Log Download - Used Battery: 3% Used Memory: 7% User Name: KMaker Interval - Start Time:
1/18/2016 11:45:00 AM	Stop Time: 1/28/2016 10:00:00 AM
2/4/2016 10:56:04 AM	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 8:06:16 AM	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 10:45:03 AM	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 10:12:00 AM	Log Download - Used Battery: 4% Used Memory: 10% User Name: KMaker Interval - Start Time:
2/15/2016 5:30:00 PM	Stop Time: 2/25/2016 10:00:00 AM
3/3/2016 11:53:38 AM	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 7:44:16 AM	Log Download - Used Battery: 5% Used Memory: 12% User Name: KMaker Interval - Start Time:
3/1/2016 12:00:00 PM	Stop Time: 3/10/2016 7:45:00 AM
3/17/2016 2:24:53 PM	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 9:41:10 AM	Log Download - Used Battery: 6% Used Memory: 14% User Name: KMaker Interval - Start Time:
3/15/2016 12:00:00 PM	Stop Time: 3/24/2016 9:45:00 AM
3/24/2016 2:13:47 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-03-24_13-31-57-718.wsl"

Log Data:

Record Count: 855

Sensors: 2

1 - 427086: PCTD 30 PSIA (10.9m/35.8ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 35.8ft

Sensor: PCTD(A) 35.8ft

Sensor: PCTD(A) 35.8ft

Sensor: PCTD(A) 35.8ft      Sensor: PCTD(A) 35.8ft      Sensor: PCTD(A) 35.8ft      Sensor: PCTD(A) 35.8ft  
 Sensor: PCTD(A) 35.8ft      Sensor: PCTD(A) 35.8ft      Sensor: Baro-Adj Calc  
 SN#: 427086                  SN#: 427086                  SN#: 427086                  SN#: 427086  
 SN#: 427086                  SN#: 427086                  SN#: 427086                  SN#: 427086  
 SN#: 000000

Date and Time	Elapsed Time Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)	Actual Resistivity
Conductivity (µS) (ohm-cm)	Specific Conductivity (µS) Water Density (g/cm3)	Total Dissolved Solids (ppt) Barometric Pressure (PSI)	Salinity (PSU)		
3/17/2016 12:00:00 AM	129600.000	11.742	17.570	26.763	
1875.326	2185.464	1.486	1.130	533.241	
1.000	14.721				
3/17/2016 12:15:00 AM	130500.000	11.743	17.569	26.766	
1875.450	2185.642	1.486	1.130	533.205	
1.000	14.719				
3/17/2016 12:30:00 AM	131400.000	11.740	17.570	26.759	
1875.404	2185.572	1.486	1.130	533.219	
1.000	14.722				
3/17/2016 12:45:00 AM	132300.000	11.744	17.569	26.768	
1875.742	2186.008	1.486	1.130	533.122	
1.000	14.716				
3/17/2016 1:00:00 AM	133200.000	11.743	17.569	26.766	
1876.221	2186.562	1.487	1.130	532.986	
1.000	14.717				
3/17/2016 1:15:00 AM	134100.000	11.745	17.569	26.771	
1876.312	2186.646	1.487	1.130	532.961	
1.000	14.715				
3/17/2016 1:30:00 AM	135000.000	11.737	17.569	26.753	
1876.198	2186.514	1.487	1.130	532.993	
1.000	14.721				
3/17/2016 1:45:00 AM	135900.000	11.745	17.569	26.770	
1876.075	2186.388	1.487	1.130	533.028	
1.000	14.714				
3/17/2016 2:00:00 AM	136800.000	11.739	17.569	26.757	
1876.147	2186.484	1.487	1.130	533.007	
1.000	14.719				
3/17/2016 2:15:00 AM	137700.000	11.744	17.568	26.768	
1876.012	2186.357	1.487	1.130	533.046	
1.000	14.714				
3/17/2016 2:30:00 AM	138600.000	11.752	17.569	26.786	
1875.190	2185.369	1.486	1.129	533.279	
1.000	14.706				
3/17/2016 2:45:00 AM	139500.000	11.745	17.568	26.770	
1874.401	2184.471	1.485	1.129	533.504	
1.000	14.711				
3/17/2016 3:00:00 AM	140400.000	11.751	17.568	26.785	
1874.936	2185.107	1.486	1.129	533.352	
1.000	14.705				
3/17/2016 3:15:00 AM	141300.000	11.755	17.569	26.793	
1874.425	2184.477	1.485	1.129	533.497	
1.000	14.700				
3/17/2016 3:30:00 AM	142200.000	11.743	17.569	26.767	
1874.637	2184.734	1.486	1.129	533.437	
1.000	14.708				
3/17/2016 3:45:00 AM	143100.000	11.749	17.568	26.780	

1874.788	2184.922	1.486	1.129	533.394
1.000	14.703			
3/17/2016 4:00:00 AM	144000.000	11.753	17.568	26.788
1875.999	2186.345	1.487	1.130	533.049
1.000	14.698			
3/17/2016 4:15:00 AM	144900.000	11.753	17.568	26.789
1876.245	2186.637	1.487	1.130	532.979
1.000	14.697			
3/17/2016 4:30:00 AM	145800.000	11.747	17.567	26.776
1874.371	2184.483	1.485	1.129	533.512
1.000	14.701			
3/17/2016 4:45:00 AM	146700.000	11.743	17.568	26.767
1874.367	2184.465	1.485	1.129	533.514
1.000	14.703			
3/17/2016 5:00:00 AM	147600.000	11.749	17.568	26.780
1874.473	2184.577	1.486	1.129	533.483
1.000	14.696			
3/17/2016 5:15:00 AM	148500.000	11.749	17.568	26.780
1874.674	2184.793	1.486	1.129	533.426
1.000	14.695			
3/17/2016 5:30:00 AM	149400.000	11.746	17.568	26.772
1874.782	2184.931	1.486	1.129	533.395
1.000	14.697			
3/17/2016 5:45:00 AM	150300.000	11.750	17.568	26.781
1875.121	2185.344	1.486	1.129	533.299
1.000	14.693			
3/17/2016 6:00:00 AM	151200.000	11.753	17.568	26.788
1874.942	2185.140	1.486	1.129	533.350
1.000	14.688			
3/17/2016 6:15:00 AM	152100.000	11.745	17.568	26.771
1874.933	2185.116	1.486	1.129	533.352
1.000	14.695			
3/17/2016 6:30:00 AM	153000.000	11.749	17.568	26.779
1874.970	2185.164	1.486	1.129	533.342
1.000	14.691			
3/17/2016 6:45:00 AM	153900.000	11.751	17.568	26.784
1875.402	2185.680	1.486	1.130	533.219
1.000	14.688			
3/17/2016 7:00:00 AM	154800.000	11.748	17.568	26.777
1875.673	2185.996	1.486	1.130	533.142
1.000	14.692			
3/17/2016 7:15:00 AM	155700.000	11.744	17.568	26.767
1876.104	2186.494	1.487	1.130	533.019
1.000	14.694			
3/17/2016 7:30:00 AM	156600.000	11.742	17.567	26.763
1876.348	2186.788	1.487	1.130	532.950
1.000	14.695			
3/17/2016 7:45:00 AM	157500.000	11.743	17.568	26.767
1875.555	2185.850	1.486	1.130	533.176
1.000	14.694			
3/17/2016 8:00:00 AM	158400.000	11.741	17.567	26.761
1875.582	2185.911	1.486	1.130	533.168
1.000	14.696			
3/17/2016 8:15:00 AM	159300.000	11.740	17.568	26.759
1876.077	2186.454	1.487	1.130	533.027
1.000	14.699			
3/17/2016 8:30:00 AM	160200.000	11.739	17.568	26.757
1877.281	2187.862	1.488	1.131	532.685

1.000	14.699			
3/17/2016 8:45:00 AM	161100.000	11.742	17.567	26.763
1877.674	2188.333	1.488	1.131	532.574
1.000	14.695			
3/17/2016 9:00:00 AM	162000.000	11.742	17.567	26.764
1877.975	2188.713	1.488	1.131	532.488
1.000	14.697			
3/17/2016 9:15:00 AM	162900.000	11.740	17.567	26.760
1877.986	2188.700	1.488	1.131	532.485
1.000	14.697			
3/17/2016 9:30:00 AM	163800.000	11.744	17.567	26.767
1877.962	2188.669	1.488	1.131	532.492
1.000	14.696			
3/17/2016 9:45:00 AM	164700.000	11.744	17.568	26.769
1877.903	2188.595	1.488	1.131	532.509
1.000	14.694			
3/17/2016 10:00:00 AM	165600.000	11.742	17.567	26.763
1876.887	2187.427	1.487	1.131	532.797
1.000	14.698			
3/17/2016 10:15:00 AM	166500.000	11.740	17.568	26.759
1877.375	2187.958	1.488	1.131	532.659
1.000	14.699			
3/17/2016 10:30:00 AM	167400.000	11.741	17.567	26.762
1878.238	2188.994	1.489	1.131	532.414
1.000	14.699			
3/17/2016 10:45:00 AM	168300.000	11.737	17.567	26.751
1878.331	2189.128	1.489	1.132	532.387
1.000	14.702			
3/17/2016 11:00:00 AM	169200.000	11.749	17.567	26.780
1878.759	2189.614	1.489	1.132	532.266
1.000	14.689			
3/17/2016 11:15:00 AM	170100.000	11.745	17.567	26.771
1878.961	2189.853	1.489	1.132	532.209
1.000	14.693			
3/17/2016 11:30:00 AM	171000.000	11.745	17.567	26.770
1878.342	2189.115	1.489	1.131	532.384
1.000	14.694			
3/17/2016 11:45:00 AM	171900.000	11.752	17.567	26.786
1878.866	2189.748	1.489	1.132	532.236
1.000	14.685			
3/17/2016 12:00:00 PM	172800.000	11.748	17.567	26.778
1877.999	2188.746	1.488	1.131	532.482
1.000	14.688			
3/17/2016 12:15:00 PM	173700.000	11.747	17.568	26.774
1878.077	2188.798	1.488	1.131	532.459
1.000	14.691			
3/17/2016 12:30:00 PM	174600.000	11.742	17.567	26.764
1877.744	2188.423	1.488	1.131	532.554
1.000	14.695			
3/17/2016 12:45:00 PM	175500.000	11.746	17.567	26.774
1878.095	2188.853	1.488	1.131	532.454
1.000	14.689			
3/17/2016 1:00:00 PM	176400.000	11.744	17.567	26.768
1878.189	2188.933	1.488	1.131	532.428
1.000	14.693			
3/17/2016 1:15:00 PM	177300.000	11.746	17.567	26.773
1877.646	2188.338	1.488	1.131	532.582
1.000	14.689			

3/17/2016 1:30:00 PM	178200.000	11.745	17.567	26.770
1876.781	2187.313	1.487	1.131	532.827
1.000	14.692			
3/17/2016 1:45:00 PM	179100.000	11.748	17.567	26.777
1876.472	2186.940	1.487	1.130	532.915
1.000	14.688			
3/17/2016 2:00:00 PM	180000.000	11.746	17.567	26.773
1876.532	2187.023	1.487	1.130	532.898
1.000	14.689			
3/17/2016 2:15:00 PM	180900.000	11.748	17.567	26.776
1877.187	2187.786	1.488	1.131	532.712
1.000	14.687			
3/17/2016 2:30:00 PM	181800.000	11.745	17.567	26.770
1879.474	2190.439	1.489	1.132	532.064
1.000	14.690			
3/17/2016 2:45:00 PM	182700.000	11.759	17.567	26.802
1878.932	2189.815	1.489	1.132	532.217
1.000	14.675			
3/17/2016 3:00:00 PM	183600.000	11.752	17.567	26.786
1878.204	2188.976	1.489	1.131	532.424
1.000	14.684			
3/17/2016 3:15:00 PM	184500.000	11.751	17.567	26.785
1877.432	2188.098	1.488	1.131	532.642
1.000	14.683			
3/17/2016 3:30:00 PM	185400.000	11.751	17.567	26.783
1876.307	2186.743	1.487	1.130	532.962
1.000	14.684			
3/17/2016 3:45:00 PM	186300.000	11.751	17.567	26.785
1876.529	2187.024	1.487	1.130	532.899
1.000	14.682			
3/17/2016 4:00:00 PM	187200.000	11.748	17.567	26.777
1877.352	2187.987	1.488	1.131	532.665
1.000	14.684			
3/17/2016 4:15:00 PM	188100.000	11.752	17.567	26.787
1878.111	2188.867	1.488	1.131	532.450
1.000	14.680			
3/17/2016 4:30:00 PM	189000.000	11.751	17.567	26.785
1878.312	2189.085	1.489	1.131	532.393
1.000	14.680			
3/17/2016 4:45:00 PM	189900.000	11.753	17.567	26.788
1878.379	2189.167	1.489	1.132	532.374
1.000	14.676			
3/17/2016 5:00:00 PM	190800.000	11.752	17.567	26.785
1877.396	2188.034	1.488	1.131	532.653
1.000	14.678			
3/17/2016 5:15:00 PM	191700.000	11.747	17.567	26.775
1876.635	2187.156	1.487	1.130	532.869
1.000	14.682			
3/17/2016 5:30:00 PM	192600.000	11.744	17.567	26.768
1878.089	2188.854	1.488	1.131	532.456
1.000	14.684			
3/17/2016 5:45:00 PM	193500.000	11.748	17.567	26.777
1878.027	2188.782	1.488	1.131	532.474
1.000	14.681			
3/17/2016 6:00:00 PM	194400.000	11.751	17.567	26.783
1877.995	2188.749	1.488	1.131	532.483
1.000	14.678			
3/17/2016 6:15:00 PM	195300.000	11.741	17.567	26.761

1877.353	2188.005	1.488	1.131	532.665
1.000	14.687			
3/17/2016 6:30:00 PM	196200.000	11.744	17.567	26.767
1877.296	2187.904	1.488	1.131	532.681
1.000	14.686			
3/17/2016 6:45:00 PM	197100.000	11.744	17.567	26.768
1877.030	2187.608	1.488	1.131	532.757
1.000	14.687			
3/17/2016 7:00:00 PM	198000.000	11.738	17.567	26.754
1877.371	2188.021	1.488	1.131	532.660
1.000	14.694			
3/17/2016 7:15:00 PM	198900.000	11.742	17.567	26.763
1877.069	2187.674	1.488	1.131	532.745
1.000	14.690			
3/17/2016 7:30:00 PM	199800.000	11.741	17.567	26.761
1876.606	2187.130	1.487	1.130	532.877
1.000	14.693			
3/17/2016 7:45:00 PM	200700.000	11.743	17.567	26.766
1876.217	2186.677	1.487	1.130	532.987
1.000	14.692			
3/17/2016 8:00:00 PM	201600.000	11.733	17.567	26.744
1876.508	2187.007	1.487	1.130	532.905
1.000	14.703			
3/17/2016 8:15:00 PM	202500.000	11.736	17.566	26.750
1876.980	2187.575	1.488	1.131	532.771
1.000	14.701			
3/17/2016 8:30:00 PM	203400.000	11.739	17.567	26.758
1876.798	2187.354	1.487	1.131	532.822
1.000	14.699			
3/17/2016 8:45:00 PM	204300.000	11.730	17.567	26.737
1877.269	2187.903	1.488	1.131	532.689
1.000	14.710			
3/17/2016 9:00:00 PM	205200.000	11.739	17.566	26.758
1877.034	2187.638	1.488	1.131	532.755
1.000	14.704			
3/17/2016 9:15:00 PM	206100.000	11.742	17.567	26.764
1876.161	2186.582	1.487	1.130	533.003
1.000	14.703			
3/17/2016 9:30:00 PM	207000.000	11.738	17.567	26.755
1876.285	2186.735	1.487	1.130	532.968
1.000	14.707			
3/17/2016 9:45:00 PM	207900.000	11.738	17.566	26.756
1876.775	2187.336	1.487	1.131	532.829
1.000	14.709			
3/17/2016 10:00:00 PM	208800.000	11.737	17.567	26.751
1877.187	2187.799	1.488	1.131	532.712
1.000	14.712			
3/17/2016 10:15:00 PM	209700.000	11.743	17.567	26.766
1877.666	2188.339	1.488	1.131	532.576
1.000	14.707			
3/17/2016 10:30:00 PM	210600.000	11.741	17.567	26.762
1877.927	2188.644	1.488	1.131	532.502
1.000	14.710			
3/17/2016 10:45:00 PM	211500.000	11.737	17.567	26.752
1878.578	2189.403	1.489	1.132	532.318
1.000	14.715			
3/17/2016 11:00:00 PM	212400.000	11.742	17.567	26.763
1879.998	2191.083	1.490	1.133	531.915

1.000	14.713			
3/17/2016 11:15:00 PM	213300.000	11.744	17.566	26.769
1880.534	2191.717	1.490	1.133	531.764
1.000	14.710			
3/17/2016 11:30:00 PM	214200.000	11.750	17.567	26.782
1879.408	2190.384	1.489	1.132	532.082
1.000	14.710			
3/17/2016 11:45:00 PM	215100.000	11.745	17.566	26.771
1879.003	2189.937	1.489	1.132	532.197
1.000	14.712			
3/18/2016 12:00:00 AM	216000.000	11.742	17.567	26.764
1878.433	2189.243	1.489	1.132	532.359
1.000	14.714			
3/18/2016 12:15:00 AM	216900.000	11.746	17.566	26.773
1878.028	2188.826	1.488	1.131	532.473
1.000	14.712			
3/18/2016 12:30:00 AM	217800.000	11.748	17.566	26.778
1876.666	2187.208	1.487	1.130	532.860
1.000	14.708			
3/18/2016 12:45:00 AM	218700.000	11.751	17.567	26.784
1876.493	2186.994	1.487	1.130	532.909
1.000	14.707			
3/18/2016 1:00:00 AM	219600.000	11.754	17.567	26.792
1876.112	2186.528	1.487	1.130	533.017
1.000	14.705			
3/18/2016 1:15:00 AM	220500.000	11.748	17.566	26.777
1876.202	2186.667	1.487	1.130	532.992
1.000	14.709			
3/18/2016 1:30:00 AM	221400.000	11.750	17.567	26.782
1876.846	2187.398	1.487	1.131	532.809
1.000	14.708			
3/18/2016 1:45:00 AM	222300.000	11.752	17.567	26.787
1877.346	2187.988	1.488	1.131	532.667
1.000	14.705			
3/18/2016 2:00:00 AM	223200.000	11.747	17.567	26.776
1877.923	2188.644	1.488	1.131	532.503
1.000	14.709			
3/18/2016 2:15:00 AM	224100.000	11.747	17.567	26.774
1879.017	2189.906	1.489	1.132	532.193
1.000	14.710			
3/18/2016 2:30:00 AM	225000.000	11.753	17.566	26.790
1879.098	2190.044	1.489	1.132	532.170
1.000	14.703			
3/18/2016 2:45:00 AM	225900.000	11.751	17.567	26.783
1878.588	2189.436	1.489	1.132	532.315
1.000	14.706			
3/18/2016 3:00:00 AM	226800.000	11.753	17.567	26.788
1879.750	2190.794	1.490	1.132	531.986
1.000	14.705			
3/18/2016 3:15:00 AM	227700.000	11.753	17.566	26.789
1879.428	2190.428	1.489	1.132	532.077
1.000	14.704			
3/18/2016 3:30:00 AM	228600.000	11.752	17.566	26.786
1878.561	2189.417	1.489	1.132	532.322
1.000	14.705			
3/18/2016 3:45:00 AM	229500.000	11.753	17.566	26.790
1878.154	2188.964	1.488	1.131	532.438
1.000	14.703			



3/18/2016 4:00:00 AM	230400.000	11.757	17.567	26.798
1877.467	2188.117	1.488	1.131	532.633
1.000	14.697			
3/18/2016 4:15:00 AM	231300.000	11.751	17.567	26.784
1878.270	2189.039	1.489	1.131	532.405
1.000	14.702			
3/18/2016 4:30:00 AM	232200.000	11.758	17.567	26.800
1879.195	2190.139	1.489	1.132	532.143
1.000	14.696			
3/18/2016 4:45:00 AM	233100.000	11.748	17.567	26.778
1879.671	2190.706	1.490	1.132	532.008
1.000	14.704			
3/18/2016 5:00:00 AM	234000.000	11.758	17.567	26.801
1879.706	2190.718	1.490	1.132	531.998
1.000	14.694			
3/18/2016 5:15:00 AM	234900.000	11.740	17.566	26.759
1880.032	2191.140	1.490	1.133	531.906
1.000	14.713			
3/18/2016 5:30:00 AM	235800.000	11.753	17.566	26.789
1880.136	2191.270	1.490	1.133	531.876
1.000	14.700			
3/18/2016 5:45:00 AM	236700.000	11.747	17.566	26.774
1880.066	2191.171	1.490	1.133	531.896
1.000	14.706			
3/18/2016 6:00:00 AM	237600.000	11.746	17.567	26.772
1879.916	2190.979	1.490	1.133	531.939
1.000	14.709			
3/18/2016 6:15:00 AM	238500.000	11.744	17.566	26.769
1879.363	2190.365	1.489	1.132	532.095
1.000	14.712			
3/18/2016 6:30:00 AM	239400.000	11.744	17.567	26.767
1878.672	2189.529	1.489	1.132	532.291
1.000	14.714			
3/18/2016 6:45:00 AM	240300.000	11.744	17.567	26.768
1878.532	2189.379	1.489	1.132	532.331
1.000	14.714			
3/18/2016 7:00:00 AM	241200.000	11.745	17.567	26.770
1878.647	2189.496	1.489	1.132	532.298
1.000	14.715			
3/18/2016 7:15:00 AM	242100.000	11.745	17.567	26.770
1878.028	2188.788	1.488	1.131	532.473
1.000	14.717			
3/18/2016 7:30:00 AM	243000.000	11.736	17.567	26.751
1877.843	2188.546	1.488	1.131	532.526
1.000	14.725			
3/18/2016 7:45:00 AM	243900.000	11.744	17.567	26.769
1878.447	2189.275	1.489	1.132	532.355
1.000	14.719			
3/18/2016 8:00:00 AM	244800.000	11.745	17.566	26.770
1878.277	2189.099	1.489	1.131	532.403
1.000	14.720			
3/18/2016 8:15:00 AM	245700.000	11.747	17.566	26.775
1878.605	2189.473	1.489	1.132	532.310
1.000	14.720			
3/18/2016 8:30:00 AM	246600.000	11.747	17.567	26.776
1876.750	2187.298	1.487	1.131	532.836
1.000	14.721			
3/18/2016 8:45:00 AM	247500.000	11.737	17.567	26.753

1876.471	2186.960	1.487	1.130	532.915
1.000	14.733			
3/18/2016 9:00:00 AM	248400.000	11.742	17.567	26.764
1877.623	2188.303	1.488	1.131	532.588
1.000	14.730			
3/18/2016 9:15:00 AM	249300.000	11.740	17.566	26.759
1878.105	2188.886	1.488	1.131	532.452
1.000	14.734			
3/18/2016 9:30:00 AM	250200.000	11.744	17.567	26.769
1879.045	2189.973	1.489	1.132	532.185
1.000	14.732			
3/18/2016 9:45:00 AM	251100.000	11.745	17.567	26.771
1879.622	2190.640	1.490	1.132	532.022
1.000	14.733			
3/18/2016 10:00:00 AM	252000.000	11.744	17.567	26.768
1879.144	2190.084	1.489	1.132	532.157
1.000	14.735			
3/18/2016 10:15:00 AM	252900.000	11.737	17.567	26.752
1878.848	2189.714	1.489	1.132	532.241
1.000	14.744			
3/18/2016 10:30:00 AM	253800.000	11.743	17.566	26.767
1879.551	2190.583	1.490	1.132	532.042
1.000	14.739			
3/18/2016 10:45:00 AM	254700.000	11.738	17.566	26.755
1880.313	2191.485	1.490	1.133	531.826
1.000	14.746			
3/18/2016 11:00:00 AM	255600.000	11.746	17.566	26.772
1880.194	2191.321	1.490	1.133	531.860
1.000	14.740			
3/18/2016 11:15:00 AM	256500.000	11.749	17.567	26.780
1879.560	2190.547	1.490	1.132	532.039
1.000	14.739			
3/18/2016 11:30:00 AM	257400.000	11.739	17.566	26.757
1880.008	2191.112	1.490	1.133	531.913
1.000	14.745			
3/18/2016 11:45:00 AM	258300.000	11.743	17.566	26.765
1879.014	2189.954	1.489	1.132	532.194
1.000	14.748			
3/18/2016 12:00:00 PM	259200.000	11.742	17.567	26.764
1877.914	2188.646	1.488	1.131	532.506
1.000	14.751			
3/18/2016 12:15:00 PM	260100.000	11.745	17.567	26.771
1877.058	2187.649	1.488	1.131	532.749
1.000	14.749			
3/18/2016 12:30:00 PM	261000.000	11.747	17.566	26.774
1877.534	2188.237	1.488	1.131	532.614
1.000	14.748			
3/18/2016 12:45:00 PM	261900.000	11.740	17.566	26.760
1877.980	2188.749	1.488	1.131	532.487
1.000	14.753			
3/18/2016 1:00:00 PM	262800.000	11.748	17.566	26.778
1877.979	2188.755	1.488	1.131	532.487
1.000	14.749			
3/18/2016 1:15:00 PM	263700.000	11.755	17.567	26.793
1877.717	2188.412	1.488	1.131	532.562
1.000	14.742			
3/18/2016 1:30:00 PM	264600.000	11.749	17.567	26.778
1878.053	2188.795	1.488	1.131	532.466

1.000	14.746			
3/18/2016 1:45:00 PM	265500.000	11.751	17.567	26.784
1879.762	2190.809	1.490	1.132	531.982
1.000	14.745			
3/18/2016 2:00:00 PM	266400.000	11.762	17.567	26.809
1879.777	2190.817	1.490	1.132	531.978
1.000	14.734			
3/18/2016 2:15:00 PM	267300.000	11.758	17.567	26.800
1879.047	2189.970	1.489	1.132	532.185
1.000	14.739			
3/18/2016 2:30:00 PM	268200.000	11.757	17.567	26.799
1879.619	2190.646	1.490	1.132	532.023
1.000	14.737			
3/18/2016 2:45:00 PM	269100.000	11.758	17.566	26.800
1879.470	2190.485	1.490	1.132	532.065
1.000	14.735			
3/18/2016 3:00:00 PM	270000.000	11.760	17.566	26.806
1879.361	2190.384	1.489	1.132	532.096
1.000	14.731			
3/18/2016 3:15:00 PM	270900.000	11.764	17.567	26.815
1879.282	2190.228	1.489	1.132	532.118
1.000	14.726			
3/18/2016 3:30:00 PM	271800.000	11.764	17.566	26.813
1879.635	2190.673	1.490	1.132	532.018
1.000	14.726			
3/18/2016 3:45:00 PM	272700.000	11.763	17.567	26.811
1880.455	2191.607	1.490	1.133	531.786
1.000	14.725			
3/18/2016 4:00:00 PM	273600.000	11.765	17.566	26.815
1880.508	2191.704	1.490	1.133	531.771
1.000	14.722			
3/18/2016 4:15:00 PM	274500.000	11.759	17.567	26.801
1880.419	2191.566	1.490	1.133	531.796
1.000	14.726			
3/18/2016 4:30:00 PM	275400.000	11.755	17.567	26.794
1880.481	2191.638	1.490	1.133	531.779
1.000	14.731			
3/18/2016 4:45:00 PM	276300.000	11.764	17.567	26.813
1880.891	2192.112	1.491	1.133	531.663
1.000	14.720			
3/18/2016 5:00:00 PM	277200.000	11.756	17.567	26.795
1880.336	2191.473	1.490	1.133	531.820
1.000	14.728			
3/18/2016 5:15:00 PM	278100.000	11.761	17.567	26.808
1878.941	2189.847	1.489	1.132	532.215
1.000	14.722			
3/18/2016 5:30:00 PM	279000.000	11.751	17.566	26.785
1878.180	2188.974	1.489	1.131	532.430
1.000	14.732			
3/18/2016 5:45:00 PM	279900.000	11.761	17.567	26.807
1878.420	2189.244	1.489	1.132	532.362
1.000	14.723			
3/18/2016 6:00:00 PM	280800.000	11.759	17.566	26.802
1878.601	2189.468	1.489	1.132	532.311
1.000	14.725			
3/18/2016 6:15:00 PM	281700.000	11.756	17.567	26.796
1878.726	2189.572	1.489	1.132	532.275
1.000	14.729			

3/18/2016 6:30:00 PM	282600.000	11.751	17.567	26.784
1879.059	2189.976	1.489	1.132	532.181
1.000	14.733			
3/18/2016 6:45:00 PM	283500.000	11.754	17.567	26.791
1879.590	2190.613	1.490	1.132	532.031
1.000	14.732			
3/18/2016 7:00:00 PM	284400.000	11.756	17.567	26.796
1880.296	2191.435	1.490	1.133	531.831
1.000	14.729			
3/18/2016 7:15:00 PM	285300.000	11.756	17.566	26.795
1880.378	2191.535	1.490	1.133	531.808
1.000	14.730			
3/18/2016 7:30:00 PM	286200.000	11.752	17.567	26.786
1881.013	2192.258	1.491	1.133	531.628
1.000	14.735			
3/18/2016 7:45:00 PM	287100.000	11.751	17.567	26.785
1880.672	2191.839	1.490	1.133	531.725
1.000	14.738			
3/18/2016 8:00:00 PM	288000.000	11.756	17.566	26.795
1880.193	2191.319	1.490	1.133	531.860
1.000	14.733			
3/18/2016 8:15:00 PM	288900.000	11.750	17.566	26.781
1879.339	2190.324	1.489	1.132	532.102
1.000	14.740			
3/18/2016 8:30:00 PM	289800.000	11.754	17.567	26.790
1878.442	2189.270	1.489	1.132	532.356
1.000	14.736			
3/18/2016 8:45:00 PM	290700.000	11.761	17.566	26.807
1878.719	2189.605	1.489	1.132	532.278
1.000	14.735			
3/18/2016 9:00:00 PM	291600.000	11.750	17.567	26.782
1879.394	2190.367	1.489	1.132	532.086
1.000	14.743			
3/18/2016 9:15:00 PM	292500.000	11.753	17.567	26.788
1879.522	2190.516	1.490	1.132	532.050
1.000	14.741			
3/18/2016 9:30:00 PM	293400.000	11.753	17.567	26.789
1878.713	2189.564	1.489	1.132	532.279
1.000	14.741			
3/18/2016 9:45:00 PM	294300.000	11.757	17.567	26.797
1878.480	2189.301	1.489	1.132	532.345
1.000	14.743			
3/18/2016 10:00:00 PM	295200.000	11.752	17.567	26.787
1878.427	2189.253	1.489	1.132	532.360
1.000	14.745			
3/18/2016 10:15:00 PM	296100.000	11.750	17.567	26.783
1879.210	2190.140	1.489	1.132	532.138
1.000	14.747			
3/18/2016 10:30:00 PM	297000.000	11.749	17.567	26.780
1880.218	2191.306	1.490	1.133	531.853
1.000	14.749			
3/18/2016 10:45:00 PM	297900.000	11.758	17.567	26.800
1880.633	2191.823	1.490	1.133	531.736
1.000	14.743			
3/18/2016 11:00:00 PM	298800.000	11.753	17.566	26.788
1879.989	2191.090	1.490	1.133	531.918
1.000	14.746			
3/18/2016 11:15:00 PM	299700.000	11.758	17.566	26.801

1879.905	2190.997	1.490	1.133	531.942
1.000	14.741			
3/18/2016 11:30:00 PM	300600.000	11.758	17.567	26.800
1879.587	2190.591	1.490	1.132	532.032
1.000	14.742			
3/18/2016 11:45:00 PM	301500.000	11.757	17.567	26.797
1878.906	2189.802	1.489	1.132	532.225
1.000	14.743			
3/19/2016 12:00:00 AM	302400.000	11.764	17.566	26.813
1879.154	2190.117	1.489	1.132	532.154
1.000	14.741			
3/19/2016 12:15:00 AM	303300.000	11.758	17.567	26.800
1878.878	2189.762	1.489	1.132	532.232
1.000	14.743			
3/19/2016 12:30:00 AM	304200.000	11.755	17.566	26.792
1879.381	2190.394	1.489	1.132	532.090
1.000	14.747			
3/19/2016 12:45:00 AM	305100.000	11.752	17.567	26.787
1880.215	2191.332	1.490	1.133	531.854
1.000	14.748			
3/19/2016 1:00:00 AM	306000.000	11.755	17.567	26.793
1881.409	2192.715	1.491	1.133	531.516
1.000	14.746			
3/19/2016 1:15:00 AM	306900.000	11.753	17.567	26.789
1881.909	2193.272	1.491	1.134	531.375
1.000	14.748			
3/19/2016 1:30:00 AM	307800.000	11.752	17.567	26.787
1882.228	2193.669	1.492	1.134	531.285
1.000	14.749			
3/19/2016 1:45:00 AM	308700.000	11.755	17.567	26.793
1881.461	2192.772	1.491	1.133	531.502
1.000	14.748			
3/19/2016 2:00:00 AM	309600.000	11.759	17.567	26.802
1882.253	2193.712	1.492	1.134	531.278
1.000	14.744			
3/19/2016 2:15:00 AM	310500.000	11.762	17.566	26.809
1882.830	2194.401	1.492	1.134	531.116
1.000	14.746			
3/19/2016 2:30:00 AM	311400.000	11.755	17.567	26.794
1882.718	2194.245	1.492	1.134	531.147
1.000	14.749			
3/19/2016 2:45:00 AM	312300.000	11.764	17.567	26.814
1881.424	2192.703	1.491	1.133	531.512
1.000	14.741			
3/19/2016 3:00:00 AM	313200.000	11.762	17.567	26.809
1881.091	2192.354	1.491	1.133	531.606
1.000	14.742			
3/19/2016 3:15:00 AM	314100.000	11.758	17.567	26.799
1880.384	2191.529	1.490	1.133	531.806
1.000	14.748			
3/19/2016 3:30:00 AM	315000.000	11.759	17.567	26.803
1880.445	2191.574	1.490	1.133	531.789
1.000	14.745			
3/19/2016 3:45:00 AM	315900.000	11.757	17.567	26.797
1880.767	2191.972	1.491	1.133	531.698
1.000	14.749			
3/19/2016 4:00:00 AM	316800.000	11.763	17.567	26.811
1881.291	2192.574	1.491	1.133	531.550

1.000	14.742			
3/19/2016 4:15:00 AM	317700.000	11.759	17.567	26.802
1880.417	2191.563	1.490	1.133	531.797
1.000	14.746			
3/19/2016 4:30:00 AM	318600.000	11.756	17.567	26.796
1879.505	2190.487	1.490	1.132	532.055
1.000	14.750			
3/19/2016 4:45:00 AM	319500.000	11.762	17.566	26.809
1879.742	2190.794	1.490	1.132	531.988
1.000	14.743			
3/19/2016 5:00:00 AM	320400.000	11.759	17.567	26.802
1878.968	2189.883	1.489	1.132	532.207
1.000	14.745			
3/19/2016 5:15:00 AM	321300.000	11.758	17.567	26.799
1878.939	2189.841	1.489	1.132	532.215
1.000	14.747			
3/19/2016 5:30:00 AM	322200.000	11.757	17.566	26.798
1879.004	2189.933	1.489	1.132	532.197
1.000	14.749			
3/19/2016 5:45:00 AM	323100.000	11.761	17.567	26.806
1878.861	2189.758	1.489	1.132	532.237
1.000	14.745			
3/19/2016 6:00:00 AM	324000.000	11.757	17.567	26.798
1879.018	2189.928	1.489	1.132	532.193
1.000	14.748			
3/19/2016 6:15:00 AM	324900.000	11.749	17.567	26.780
1878.533	2189.363	1.489	1.132	532.330
1.000	14.757			
3/19/2016 6:30:00 AM	325800.000	11.752	17.567	26.786
1879.001	2189.905	1.489	1.132	532.198
1.000	14.755			
3/19/2016 6:45:00 AM	326700.000	11.756	17.567	26.796
1878.765	2189.625	1.489	1.132	532.265
1.000	14.752			
3/19/2016 7:00:00 AM	327600.000	11.760	17.567	26.805
1878.988	2189.885	1.489	1.132	532.201
1.000	14.749			
3/19/2016 7:15:00 AM	328500.000	11.756	17.567	26.795
1879.392	2190.377	1.489	1.132	532.087
1.000	14.755			
3/19/2016 7:30:00 AM	329400.000	11.757	17.567	26.797
1879.972	2191.044	1.490	1.133	531.923
1.000	14.754			
3/19/2016 7:45:00 AM	330300.000	11.748	17.567	26.778
1880.523	2191.661	1.490	1.133	531.767
1.000	14.764			
3/19/2016 8:00:00 AM	331200.000	11.749	17.567	26.779
1880.530	2191.703	1.490	1.133	531.765
1.000	14.764			
3/19/2016 8:15:00 AM	332100.000	11.755	17.566	26.794
1879.893	2190.969	1.490	1.133	531.945
1.000	14.760			
3/19/2016 8:30:00 AM	333000.000	11.754	17.567	26.790
1879.144	2190.084	1.489	1.132	532.157
1.000	14.762			
3/19/2016 8:45:00 AM	333900.000	11.755	17.567	26.793
1879.167	2190.111	1.489	1.132	532.151
1.000	14.762			

3/19/2016 9:00:00 AM	334800.000	11.750	17.567	26.782
1879.606	2190.614	1.490	1.132	532.026
1.000	14.768			
3/19/2016 9:15:00 AM	335700.000	11.757	17.567	26.799
1879.859	2190.891	1.490	1.132	531.955
1.000	14.763			
3/19/2016 9:30:00 AM	336600.000	11.753	17.567	26.789
1880.614	2191.789	1.490	1.133	531.741
1.000	14.767			
3/19/2016 9:45:00 AM	337500.000	11.758	17.567	26.801
1880.766	2191.966	1.491	1.133	531.698
1.000	14.764			
3/19/2016 10:00:00 AM	338400.000	11.758	17.567	26.800
1880.938	2192.171	1.491	1.133	531.650
1.000	14.765			
3/19/2016 10:15:00 AM	339300.000	11.755	17.566	26.794
1881.448	2192.782	1.491	1.133	531.506
1.000	14.768			
3/19/2016 10:30:00 AM	340200.000	11.751	17.567	26.784
1881.513	2192.841	1.491	1.134	531.487
1.000	14.773			
3/19/2016 10:45:00 AM	341100.000	11.759	17.567	26.803
1880.374	2191.505	1.490	1.133	531.809
1.000	14.766			
3/19/2016 11:00:00 AM	342000.000	11.758	17.566	26.801
1879.372	2190.363	1.489	1.132	532.093
1.000	14.768			
3/19/2016 11:15:00 AM	342900.000	11.761	17.566	26.806
1879.120	2190.077	1.489	1.132	532.164
1.000	14.765			
3/19/2016 11:30:00 AM	343800.000	11.759	17.567	26.803
1879.223	2190.175	1.489	1.132	532.135
1.000	14.766			
3/19/2016 11:45:00 AM	344700.000	11.758	17.566	26.801
1878.957	2189.883	1.489	1.132	532.210
1.000	14.767			
3/19/2016 12:00:00 PM	345600.000	11.760	17.567	26.806
1877.844	2188.557	1.488	1.131	532.526
1.000	14.767			
3/19/2016 12:15:00 PM	346500.000	11.762	17.567	26.809
1877.049	2187.625	1.488	1.131	532.751
1.000	14.765			
3/19/2016 12:30:00 PM	347400.000	11.762	17.567	26.808
1878.555	2189.385	1.489	1.132	532.324
1.000	14.764			
3/19/2016 12:45:00 PM	348300.000	11.767	17.567	26.820
1879.223	2190.184	1.489	1.132	532.135
1.000	14.760			
3/19/2016 1:00:00 PM	349200.000	11.757	17.567	26.798
1878.577	2189.431	1.489	1.132	532.318
1.000	14.767			
3/19/2016 1:15:00 PM	350100.000	11.765	17.567	26.816
1877.844	2188.565	1.488	1.131	532.526
1.000	14.766			
3/19/2016 1:30:00 PM	351000.000	11.756	17.567	26.796
1877.688	2188.383	1.488	1.131	532.570
1.000	14.769			
3/19/2016 1:45:00 PM	351900.000	11.760	17.567	26.804

1877.888	2188.599	1.488	1.131	532.513
1.000	14.766			
3/19/2016 2:00:00 PM	352800.000	11.763	17.567	26.812
1877.750	2188.459	1.488	1.131	532.552
1.000	14.764			
3/19/2016 2:15:00 PM	353700.000	11.759	17.566	26.802
1877.588	2188.283	1.488	1.131	532.598
1.000	14.767			
3/19/2016 2:30:00 PM	354600.000	11.764	17.567	26.813
1877.272	2187.910	1.488	1.131	532.688
1.000	14.762			
3/19/2016 2:45:00 PM	355500.000	11.766	17.566	26.819
1877.714	2188.434	1.488	1.131	532.562
1.000	14.759			
3/19/2016 3:00:00 PM	356400.000	11.764	17.567	26.814
1877.877	2188.591	1.488	1.131	532.516
1.000	14.763			
3/19/2016 3:15:00 PM	357300.000	11.771	17.567	26.829
1877.377	2188.015	1.488	1.131	532.658
1.000	14.754			
3/19/2016 3:30:00 PM	358200.000	11.774	17.567	26.836
1877.470	2188.133	1.488	1.131	532.632
1.000	14.751			
3/19/2016 3:45:00 PM	359100.000	11.773	17.567	26.834
1878.111	2188.884	1.488	1.131	532.450
1.000	14.750			
3/19/2016 4:00:00 PM	360000.000	11.764	17.567	26.814
1878.173	2188.944	1.488	1.131	532.432
1.000	14.757			
3/19/2016 4:15:00 PM	360900.000	11.769	17.567	26.825
1878.230	2189.007	1.489	1.131	532.416
1.000	14.752			
3/19/2016 4:30:00 PM	361800.000	11.768	17.567	26.824
1879.094	2189.987	1.489	1.132	532.171
1.000	14.751			
3/19/2016 4:45:00 PM	362700.000	11.775	17.567	26.839
1879.328	2190.302	1.489	1.132	532.105
1.000	14.744			
3/19/2016 5:00:00 PM	363600.000	11.771	17.566	26.829
1878.911	2189.825	1.489	1.132	532.223
1.000	14.748			
3/19/2016 5:15:00 PM	364500.000	11.772	17.567	26.831
1878.316	2189.119	1.489	1.131	532.392
1.000	14.746			
3/19/2016 5:30:00 PM	365400.000	11.766	17.567	26.818
1878.269	2189.042	1.489	1.131	532.405
1.000	14.750			
3/19/2016 5:45:00 PM	366300.000	11.768	17.566	26.823
1878.140	2188.927	1.488	1.131	532.442
1.000	14.748			
3/19/2016 6:00:00 PM	367200.000	11.773	17.566	26.833
1878.123	2188.911	1.488	1.131	532.446
1.000	14.743			
3/19/2016 6:15:00 PM	368100.000	11.769	17.567	26.826
1878.389	2189.175	1.489	1.132	532.371
1.000	14.745			
3/19/2016 6:30:00 PM	369000.000	11.769	17.567	26.825
1879.348	2190.313	1.489	1.132	532.099



1.000	14.745			
3/19/2016 6:45:00 PM	369900.000	11.767	17.566	26.820
1880.240	2191.375	1.490	1.133	531.847
1.000	14.747			
3/19/2016 7:00:00 PM	370800.000	11.768	17.567	26.823
1879.644	2190.654	1.490	1.132	532.016
1.000	14.745			
3/19/2016 7:15:00 PM	371700.000	11.770	17.567	26.827
1878.840	2189.704	1.489	1.132	532.243
1.000	14.743			
3/19/2016 7:30:00 PM	372600.000	11.771	17.567	26.830
1878.763	2189.615	1.489	1.132	532.265
1.000	14.741			
3/19/2016 7:45:00 PM	373500.000	11.769	17.567	26.826
1879.266	2190.205	1.489	1.132	532.123
1.000	14.743			
3/19/2016 8:00:00 PM	374400.000	11.761	17.567	26.808
1880.272	2191.390	1.490	1.133	531.838
1.000	14.750			
3/19/2016 8:15:00 PM	375300.000	11.762	17.567	26.809
1880.751	2191.922	1.491	1.133	531.703
1.000	14.751			
3/19/2016 8:30:00 PM	376200.000	11.767	17.567	26.821
1881.100	2192.359	1.491	1.133	531.604
1.000	14.746			
3/19/2016 8:45:00 PM	377100.000	11.760	17.567	26.804
1881.651	2193.002	1.491	1.134	531.448
1.000	14.753			
3/19/2016 9:00:00 PM	378000.000	11.766	17.567	26.819
1881.146	2192.400	1.491	1.133	531.591
1.000	14.752			
3/19/2016 9:15:00 PM	378900.000	11.757	17.567	26.797
1880.811	2192.027	1.491	1.133	531.686
1.000	14.758			
3/19/2016 9:30:00 PM	379800.000	11.757	17.567	26.799
1880.885	2192.096	1.491	1.133	531.665
1.000	14.759			
3/19/2016 9:45:00 PM	380700.000	11.757	17.567	26.798
1880.887	2192.106	1.491	1.133	531.664
1.000	14.761			
3/19/2016 10:00:00 PM	381600.000	11.760	17.567	26.804
1881.327	2192.624	1.491	1.133	531.540
1.000	14.759			
3/19/2016 10:15:00 PM	382500.000	11.760	17.567	26.805
1880.312	2191.436	1.490	1.133	531.827
1.000	14.759			
3/19/2016 10:30:00 PM	383400.000	11.766	17.568	26.818
1880.228	2191.304	1.490	1.133	531.850
1.000	14.759			
3/19/2016 10:45:00 PM	384300.000	11.768	17.567	26.822
1880.584	2191.766	1.490	1.133	531.750
1.000	14.754			
3/19/2016 11:00:00 PM	385200.000	11.756	17.567	26.795
1880.443	2191.594	1.490	1.133	531.789
1.000	14.766			
3/19/2016 11:15:00 PM	386100.000	11.764	17.567	26.814
1879.417	2190.394	1.489	1.132	532.080
1.000	14.764			

3/19/2016 11:30:00 PM	387000.000	11.760	17.566	26.805
1879.386	2190.379	1.489	1.132	532.089
1.000	14.764			
3/19/2016 11:45:00 PM	387900.000	11.758	17.566	26.800
1879.530	2190.555	1.490	1.132	532.048
1.000	14.767			
3/20/2016 12:00:00 AM	388800.000	11.760	17.567	26.805
1878.721	2189.595	1.489	1.132	532.277
1.000	14.765			
3/20/2016 12:15:00 AM	389700.000	11.763	17.567	26.812
1878.246	2189.037	1.489	1.131	532.412
1.000	14.763			
3/20/2016 12:30:00 AM	390600.000	11.761	17.567	26.807
1877.970	2188.699	1.488	1.131	532.490
1.000	14.768			
3/20/2016 12:45:00 AM	391500.000	11.766	17.567	26.818
1878.375	2189.196	1.489	1.132	532.375
1.000	14.764			
3/20/2016 1:00:00 AM	392400.000	11.762	17.567	26.809
1878.330	2189.110	1.489	1.131	532.388
1.000	14.768			
3/20/2016 1:15:00 AM	393300.000	11.765	17.567	26.816
1878.922	2189.825	1.489	1.132	532.220
1.000	14.765			
3/20/2016 1:30:00 AM	394200.000	11.766	17.567	26.819
1879.409	2190.384	1.489	1.132	532.082
1.000	14.764			
3/20/2016 1:45:00 AM	395100.000	11.766	17.567	26.818
1877.894	2188.602	1.488	1.131	532.511
1.000	14.765			
3/20/2016 2:00:00 AM	396000.000	11.760	17.567	26.805
1877.963	2188.699	1.488	1.131	532.492
1.000	14.770			
3/20/2016 2:15:00 AM	396900.000	11.763	17.567	26.812
1879.370	2190.317	1.489	1.132	532.093
1.000	14.767			
3/20/2016 2:30:00 AM	397800.000	11.761	17.568	26.808
1879.298	2190.221	1.489	1.132	532.114
1.000	14.770			
3/20/2016 2:45:00 AM	398700.000	11.757	17.567	26.797
1879.621	2190.631	1.490	1.132	532.022
1.000	14.775			
3/20/2016 3:00:00 AM	399600.000	11.765	17.568	26.817
1879.442	2190.388	1.489	1.132	532.073
1.000	14.767			
3/20/2016 3:15:00 AM	400500.000	11.760	17.567	26.804
1878.897	2189.779	1.489	1.132	532.227
1.000	14.773			
3/20/2016 3:30:00 AM	401400.000	11.768	17.567	26.822
1879.529	2190.515	1.490	1.132	532.048
1.000	14.765			
3/20/2016 3:45:00 AM	402300.000	11.770	17.567	26.827
1879.893	2190.940	1.490	1.132	531.945
1.000	14.763			
3/20/2016 4:00:00 AM	403200.000	11.773	17.567	26.835
1880.091	2191.150	1.490	1.133	531.889
1.000	14.758			
3/20/2016 4:15:00 AM	404100.000	11.771	17.568	26.831

1880.303	2191.388	1.490	1.133	531.829
1.000	14.762			
3/20/2016 4:30:00 AM	405000.000	11.769	17.567	26.826
1880.142	2191.235	1.490	1.133	531.875
1.000	14.763			
3/20/2016 4:45:00 AM	405900.000	11.766	17.567	26.817
1880.233	2191.327	1.490	1.133	531.849
1.000	14.766			
3/20/2016 5:00:00 AM	406800.000	11.774	17.567	26.836
1880.389	2191.505	1.490	1.133	531.805
1.000	14.758			
3/20/2016 5:15:00 AM	407700.000	11.775	17.567	26.838
1879.948	2191.004	1.490	1.133	531.929
1.000	14.758			
3/20/2016 5:30:00 AM	408600.000	11.771	17.567	26.830
1879.270	2190.209	1.489	1.132	532.122
1.000	14.762			
3/20/2016 5:45:00 AM	409500.000	11.765	17.567	26.816
1878.431	2189.244	1.489	1.132	532.359
1.000	14.767			
3/20/2016 6:00:00 AM	410400.000	11.767	17.567	26.821
1879.235	2190.152	1.489	1.132	532.131
1.000	14.765			
3/20/2016 6:15:00 AM	411300.000	11.771	17.567	26.830
1879.761	2190.807	1.490	1.132	531.983
1.000	14.762			
3/20/2016 6:30:00 AM	412200.000	11.774	17.567	26.836
1880.580	2191.745	1.490	1.133	531.751
1.000	14.759			
3/20/2016 6:45:00 AM	413100.000	11.768	17.567	26.822
1880.554	2191.693	1.490	1.133	531.758
1.000	14.766			
3/20/2016 7:00:00 AM	414000.000	11.767	17.567	26.821
1880.057	2191.144	1.490	1.133	531.899
1.000	14.767			
3/20/2016 7:15:00 AM	414900.000	11.766	17.567	26.819
1880.027	2191.104	1.490	1.133	531.907
1.000	14.766			
3/20/2016 7:30:00 AM	415800.000	11.772	17.568	26.833
1877.996	2188.699	1.488	1.131	532.483
1.000	14.761			
3/20/2016 7:45:00 AM	416700.000	11.772	17.567	26.832
1878.223	2188.999	1.489	1.131	532.418
1.000	14.762			
3/20/2016 8:00:00 AM	417600.000	11.765	17.567	26.817
1879.450	2190.428	1.489	1.132	532.071
1.000	14.771			
3/20/2016 8:15:00 AM	418500.000	11.766	17.567	26.818
1879.270	2190.193	1.489	1.132	532.121
1.000	14.769			
3/20/2016 8:30:00 AM	419400.000	11.766	17.568	26.818
1880.104	2191.156	1.490	1.133	531.886
1.000	14.769			
3/20/2016 8:45:00 AM	420300.000	11.769	17.567	26.825
1880.895	2192.116	1.491	1.133	531.662
1.000	14.770			
3/20/2016 9:00:00 AM	421200.000	11.764	17.567	26.813
1880.990	2192.226	1.491	1.133	531.635

1.000	14.772			
3/20/2016 9:15:00 AM	422100.000	11.763	17.567	26.812
1880.531	2191.683	1.490	1.133	531.765
1.000	14.772			
3/20/2016 9:30:00 AM	423000.000	11.770	17.567	26.829
1879.754	2190.765	1.490	1.132	531.985
1.000	14.767			
3/20/2016 9:45:00 AM	423900.000	11.765	17.567	26.815
1879.608	2190.612	1.490	1.132	532.026
1.000	14.771			
3/20/2016 10:00:00 AM	424800.000	11.765	17.567	26.816
1879.538	2190.521	1.490	1.132	532.046
1.000	14.773			
3/20/2016 10:15:00 AM	425700.000	11.772	17.566	26.831
1879.937	2191.021	1.490	1.133	531.933
1.000	14.767			
3/20/2016 10:30:00 AM	426600.000	11.767	17.567	26.820
1879.543	2190.511	1.490	1.132	532.044
1.000	14.773			
3/20/2016 10:45:00 AM	427500.000	11.765	17.567	26.817
1879.438	2190.393	1.489	1.132	532.074
1.000	14.774			
3/20/2016 11:00:00 AM	428400.000	11.770	17.567	26.827
1879.900	2190.930	1.490	1.132	531.943
1.000	14.770			
3/20/2016 11:15:00 AM	429300.000	11.773	17.567	26.835
1880.363	2191.501	1.490	1.133	531.812
1.000	14.767			
3/20/2016 11:30:00 AM	430200.000	11.767	17.567	26.820
1880.517	2191.672	1.490	1.133	531.769
1.000	14.773			
3/20/2016 11:45:00 AM	431100.000	11.770	17.567	26.827
1880.494	2191.657	1.490	1.133	531.775
1.000	14.770			
3/20/2016 12:00:00 PM	432000.000	11.775	17.567	26.839
1880.292	2191.392	1.490	1.133	531.832
1.000	14.769			
3/20/2016 12:15:00 PM	432900.000	11.766	17.568	26.818
1879.802	2190.808	1.490	1.132	531.971
1.000	14.775			
3/20/2016 12:30:00 PM	433800.000	11.768	17.568	26.823
1879.470	2190.399	1.489	1.132	532.065
1.000	14.774			
3/20/2016 12:45:00 PM	434700.000	11.765	17.568	26.815
1878.780	2189.613	1.489	1.132	532.260
1.000	14.778			
3/20/2016 1:00:00 PM	435600.000	11.767	17.567	26.821
1878.016	2188.765	1.488	1.131	532.477
1.000	14.781			
3/20/2016 1:15:00 PM	436500.000	11.770	17.567	26.827
1878.266	2189.065	1.489	1.131	532.406
1.000	14.773			
3/20/2016 1:30:00 PM	437400.000	11.770	17.567	26.827
1878.165	2188.943	1.488	1.131	532.435
1.000	14.773			
3/20/2016 1:45:00 PM	438300.000	11.771	17.567	26.830
1877.163	2187.759	1.488	1.131	532.719
1.000	14.771			

3/20/2016 2:00:00 PM	439200.000	11.772	17.567	26.831
1877.229	2187.840	1.488	1.131	532.700
1.000	14.771			
3/20/2016 2:15:00 PM	440100.000	11.779	17.567	26.847
1877.725	2188.392	1.488	1.131	532.559
1.000	14.764			
3/20/2016 2:30:00 PM	441000.000	11.775	17.567	26.839
1878.704	2189.550	1.489	1.132	532.282
1.000	14.771			
3/20/2016 2:45:00 PM	441900.000	11.776	17.567	26.842
1879.334	2190.284	1.489	1.132	532.103
1.000	14.766			
3/20/2016 3:00:00 PM	442800.000	11.775	17.567	26.839
1879.154	2190.066	1.489	1.132	532.154
1.000	14.766			
3/20/2016 3:15:00 PM	443700.000	11.779	17.567	26.847
1879.123	2190.022	1.489	1.132	532.163
1.000	14.763			
3/20/2016 3:30:00 PM	444600.000	11.777	17.567	26.844
1879.920	2190.967	1.490	1.133	531.938
1.000	14.764			
3/20/2016 3:45:00 PM	445500.000	11.769	17.567	26.826
1879.894	2190.920	1.490	1.132	531.945
1.000	14.771			
3/20/2016 4:00:00 PM	446400.000	11.781	17.567	26.852
1880.248	2191.362	1.490	1.133	531.845
1.000	14.760			
3/20/2016 4:15:00 PM	447300.000	11.776	17.567	26.840
1880.445	2191.565	1.490	1.133	531.789
1.000	14.764			
3/20/2016 4:30:00 PM	448200.000	11.778	17.567	26.846
1880.201	2191.290	1.490	1.133	531.858
1.000	14.760			
3/20/2016 4:45:00 PM	449100.000	11.768	17.567	26.823
1879.913	2190.943	1.490	1.132	531.939
1.000	14.770			
3/20/2016 5:00:00 PM	450000.000	11.773	17.567	26.833
1879.961	2191.002	1.490	1.133	531.926
1.000	14.767			
3/20/2016 5:15:00 PM	450900.000	11.774	17.567	26.837
1880.152	2191.234	1.490	1.133	531.872
1.000	14.768			
3/20/2016 5:30:00 PM	451800.000	11.776	17.568	26.841
1879.934	2190.962	1.490	1.133	531.933
1.000	14.763			
3/20/2016 5:45:00 PM	452700.000	11.778	17.567	26.845
1878.976	2189.866	1.489	1.132	532.205
1.000	14.761			
3/20/2016 6:00:00 PM	453600.000	11.775	17.567	26.838
1878.475	2189.292	1.489	1.132	532.347
1.000	14.763			
3/20/2016 6:15:00 PM	454500.000	11.774	17.567	26.836
1878.263	2189.053	1.489	1.131	532.407
1.000	14.764			
3/20/2016 6:30:00 PM	455400.000	11.770	17.567	26.827
1877.851	2188.577	1.488	1.131	532.524
1.000	14.767			
3/20/2016 6:45:00 PM	456300.000	11.769	17.567	26.826

1877.459	2188.091	1.488	1.131	532.635
1.000	14.769			
3/20/2016 7:00:00 PM	457200.000	11.769	17.567	26.825
1877.167	2187.754	1.488	1.131	532.718
1.000	14.769			
3/20/2016 7:15:00 PM	458100.000	11.767	17.568	26.820
1877.637	2188.268	1.488	1.131	532.584
1.000	14.774			
3/20/2016 7:30:00 PM	459000.000	11.772	17.568	26.831
1877.697	2188.342	1.488	1.131	532.567
1.000	14.768			
3/20/2016 7:45:00 PM	459900.000	11.773	17.567	26.833
1877.999	2188.712	1.488	1.131	532.482
1.000	14.768			
3/20/2016 8:00:00 PM	460800.000	11.772	17.567	26.833
1878.652	2189.489	1.489	1.132	532.297
1.000	14.770			
3/20/2016 8:15:00 PM	461700.000	11.767	17.567	26.820
1878.508	2189.313	1.489	1.132	532.337
1.000	14.775			
3/20/2016 8:30:00 PM	462600.000	11.760	17.567	26.804
1878.683	2189.517	1.489	1.132	532.288
1.000	14.784			
3/20/2016 8:45:00 PM	463500.000	11.770	17.567	26.829
1879.124	2190.060	1.489	1.132	532.163
1.000	14.774			
3/20/2016 9:00:00 PM	464400.000	11.769	17.567	26.825
1878.451	2189.250	1.489	1.132	532.354
1.000	14.776			
3/20/2016 9:15:00 PM	465300.000	11.770	17.567	26.828
1877.826	2188.522	1.488	1.131	532.531
1.000	14.775			
3/20/2016 9:30:00 PM	466200.000	11.776	17.568	26.841
1878.176	2188.913	1.488	1.131	532.432
1.000	14.771			
3/20/2016 9:45:00 PM	467100.000	11.779	17.567	26.847
1878.248	2189.018	1.489	1.131	532.411
1.000	14.767			
3/20/2016 10:00:00 PM	468000.000	11.772	17.567	26.833
1878.326	2189.092	1.489	1.131	532.389
1.000	14.773			
3/20/2016 10:15:00 PM	468900.000	11.773	17.567	26.834
1878.469	2189.263	1.489	1.132	532.348
1.000	14.774			
3/20/2016 10:30:00 PM	469800.000	11.771	17.567	26.829
1878.850	2189.704	1.489	1.132	532.240
1.000	14.776			
3/20/2016 10:45:00 PM	470700.000	11.767	17.567	26.820
1879.196	2190.135	1.489	1.132	532.143
1.000	14.779			
3/20/2016 11:00:00 PM	471600.000	11.768	17.567	26.823
1880.040	2191.090	1.490	1.133	531.904
1.000	14.779			
3/20/2016 11:15:00 PM	472500.000	11.768	17.567	26.822
1880.103	2191.172	1.490	1.133	531.886
1.000	14.781			
3/20/2016 11:30:00 PM	473400.000	11.766	17.568	26.819
1879.269	2190.166	1.489	1.132	532.122

1.000	14.782			
3/20/2016 11:45:00 PM	474300.000	11.770	17.567	26.827
1879.063	2189.967	1.489	1.132	532.180
1.000	14.782			
3/21/2016 12:00:00 AM	475200.000	11.771	17.567	26.831
1878.974	2189.889	1.489	1.132	532.206
1.000	14.779			
3/21/2016 12:15:00 AM	476100.000	11.776	17.567	26.841
1878.833	2189.696	1.489	1.132	532.245
1.000	14.775			
3/21/2016 12:30:00 AM	477000.000	11.774	17.567	26.837
1878.005	2188.735	1.488	1.131	532.480
1.000	14.777			
3/21/2016 12:45:00 AM	477900.000	11.783	17.567	26.858
1878.059	2188.794	1.488	1.131	532.465
1.000	14.768			
3/21/2016 1:00:00 AM	478800.000	11.771	17.568	26.830
1878.213	2188.947	1.488	1.131	532.421
1.000	14.780			
3/21/2016 1:15:00 AM	479700.000	11.778	17.567	26.846
1878.848	2189.710	1.489	1.132	532.241
1.000	14.774			
3/21/2016 1:30:00 AM	480600.000	11.775	17.567	26.838
1879.043	2189.945	1.489	1.132	532.186
1.000	14.778			
3/21/2016 1:45:00 AM	481500.000	11.772	17.567	26.833
1879.454	2190.411	1.489	1.132	532.069
1.000	14.781			
3/21/2016 2:00:00 AM	482400.000	11.767	17.567	26.821
1879.555	2190.546	1.490	1.132	532.041
1.000	14.787			
3/21/2016 2:15:00 AM	483300.000	11.768	17.568	26.824
1879.799	2190.804	1.490	1.132	531.972
1.000	14.785			
3/21/2016 2:30:00 AM	484200.000	11.772	17.568	26.833
1880.310	2191.388	1.490	1.133	531.827
1.000	14.783			
3/21/2016 2:45:00 AM	485100.000	11.776	17.567	26.841
1880.438	2191.557	1.490	1.133	531.791
1.000	14.779			
3/21/2016 3:00:00 AM	486000.000	11.776	17.567	26.841
1880.324	2191.430	1.490	1.133	531.823
1.000	14.781			
3/21/2016 3:15:00 AM	486900.000	11.775	17.567	26.839
1879.872	2190.906	1.490	1.132	531.951
1.000	14.781			
3/21/2016 3:30:00 AM	487800.000	11.770	17.567	26.827
1880.102	2191.175	1.490	1.133	531.886
1.000	14.787			
3/21/2016 3:45:00 AM	488700.000	11.773	17.567	26.835
1880.101	2191.178	1.490	1.133	531.886
1.000	14.783			
3/21/2016 4:00:00 AM	489600.000	11.778	17.568	26.845
1879.309	2190.229	1.489	1.132	532.110
1.000	14.778			
3/21/2016 4:15:00 AM	490500.000	11.774	17.567	26.837
1878.415	2189.196	1.489	1.132	532.364
1.000	14.783			

3/21/2016 4:30:00 AM	491400.000	11.773	17.567	26.835
1878.238	2188.994	1.489	1.131	532.414
1.000	14.784			
3/21/2016 4:45:00 AM	492300.000	11.775	17.567	26.839
1878.086	2188.813	1.488	1.131	532.457
1.000	14.783			
3/21/2016 5:00:00 AM	493200.000	11.772	17.568	26.833
1877.685	2188.315	1.488	1.131	532.571
1.000	14.786			
3/21/2016 5:15:00 AM	494100.000	11.773	17.567	26.835
1878.250	2189.017	1.489	1.131	532.410
1.000	14.784			
3/21/2016 5:30:00 AM	495000.000	11.779	17.567	26.848
1879.552	2190.542	1.490	1.132	532.042
1.000	14.780			
3/21/2016 5:45:00 AM	495900.000	11.770	17.567	26.828
1879.649	2190.673	1.490	1.132	532.014
1.000	14.790			
3/21/2016 6:00:00 AM	496800.000	11.783	17.567	26.856
1879.510	2190.481	1.490	1.132	532.054
1.000	14.779			
3/21/2016 6:15:00 AM	497700.000	11.774	17.568	26.838
1878.819	2189.654	1.489	1.132	532.249
1.000	14.785			
3/21/2016 6:30:00 AM	498600.000	11.771	17.567	26.830
1879.119	2190.030	1.489	1.132	532.164
1.000	14.789			
3/21/2016 6:45:00 AM	499500.000	11.774	17.567	26.837
1878.971	2189.856	1.489	1.132	532.206
1.000	14.787			
3/21/2016 7:00:00 AM	500400.000	11.778	17.567	26.845
1878.468	2189.258	1.489	1.132	532.349
1.000	14.784			
3/21/2016 7:15:00 AM	501300.000	11.776	17.568	26.842
1878.304	2189.053	1.489	1.131	532.395
1.000	14.785			
3/21/2016 7:30:00 AM	502200.000	11.776	17.567	26.842
1878.396	2189.187	1.489	1.132	532.369
1.000	14.786			
3/21/2016 7:45:00 AM	503100.000	11.774	17.568	26.837
1878.277	2189.026	1.489	1.131	532.403
1.000	14.790			
3/21/2016 8:00:00 AM	504000.000	11.770	17.567	26.828
1878.867	2189.739	1.489	1.132	532.236
1.000	14.794			
3/21/2016 8:15:00 AM	504900.000	11.771	17.568	26.829
1878.147	2188.879	1.488	1.131	532.440
1.000	14.793			
3/21/2016 8:30:00 AM	505800.000	11.778	17.567	26.845
1877.992	2188.711	1.488	1.131	532.484
1.000	14.787			
3/21/2016 8:45:00 AM	506700.000	11.769	17.567	26.824
1877.756	2188.449	1.488	1.131	532.551
1.000	14.797			
3/21/2016 9:00:00 AM	507600.000	11.769	17.567	26.825
1877.625	2188.292	1.488	1.131	532.588
1.000	14.798			
3/21/2016 9:15:00 AM	508500.000	11.770	17.568	26.827



1877.118	2187.680	1.488	1.131	532.731
1.000	14.798			
3/21/2016 9:30:00 AM	509400.000	11.770	17.567	26.827
1877.366	2187.983	1.488	1.131	532.661
1.000	14.800			
3/21/2016 9:45:00 AM	510300.000	11.771	17.567	26.830
1878.015	2188.734	1.488	1.131	532.477
1.000	14.799			
3/21/2016 10:00:00 AM	511200.000	11.771	17.567	26.831
1878.727	2189.564	1.489	1.132	532.275
1.000	14.800			
3/21/2016 10:15:00 AM	512100.000	11.767	17.567	26.822
1879.364	2190.319	1.489	1.132	532.095
1.000	14.805			
3/21/2016 10:30:00 AM	513000.000	11.774	17.567	26.837
1878.579	2189.388	1.489	1.132	532.317
1.000	14.800			
3/21/2016 10:45:00 AM	513900.000	11.776	17.567	26.842
1877.813	2188.495	1.488	1.131	532.534
1.000	14.799			
3/21/2016 11:00:00 AM	514800.000	11.768	17.568	26.823
1877.902	2188.581	1.488	1.131	532.509
1.000	14.807			
3/21/2016 11:15:00 AM	515700.000	11.774	17.567	26.836
1878.304	2189.075	1.489	1.131	532.395
1.000	14.802			
3/21/2016 11:30:00 AM	516600.000	11.771	17.568	26.830
1878.770	2189.576	1.489	1.132	532.263
1.000	14.806			
3/21/2016 11:45:00 AM	517500.000	11.776	17.568	26.841
1879.052	2189.929	1.489	1.132	532.183
1.000	14.802			
3/21/2016 12:00:00 PM	518400.000	11.776	17.568	26.841
1879.873	2190.891	1.490	1.132	531.951
1.000	14.803			
3/21/2016 12:15:00 PM	519300.000	11.779	17.567	26.848
1880.602	2191.745	1.490	1.133	531.745
1.000	14.801			
3/21/2016 12:30:00 PM	520200.000	11.778	17.567	26.845
1880.578	2191.717	1.490	1.133	531.751
1.000	14.800			
3/21/2016 12:45:00 PM	521100.000	11.782	17.567	26.855
1878.926	2189.796	1.489	1.132	532.219
1.000	14.796			
3/21/2016 1:00:00 PM	522000.000	11.791	17.567	26.875
1878.560	2189.377	1.489	1.132	532.323
1.000	14.787			
3/21/2016 1:15:00 PM	522900.000	11.789	17.568	26.870
1878.300	2189.053	1.489	1.131	532.396
1.000	14.789			
3/21/2016 1:30:00 PM	523800.000	11.786	17.568	26.864
1878.681	2189.485	1.489	1.132	532.288
1.000	14.790			
3/21/2016 1:45:00 PM	524700.000	11.796	17.567	26.886
1879.689	2190.693	1.490	1.132	532.003
1.000	14.779			
3/21/2016 2:00:00 PM	525600.000	11.787	17.567	26.866
1879.633	2190.616	1.490	1.132	532.019

1.000	14.787			
3/21/2016 2:15:00 PM	526500.000	11.788	17.567	26.868
1878.843	2189.698	1.489	1.132	532.243
1.000	14.784			
3/21/2016 2:30:00 PM	527400.000	11.795	17.567	26.884
1878.483	2189.276	1.489	1.132	532.344
1.000	14.776			
3/21/2016 2:45:00 PM	528300.000	11.794	17.567	26.881
1878.564	2189.379	1.489	1.132	532.321
1.000	14.776			
3/21/2016 3:00:00 PM	529200.000	11.793	17.568	26.880
1878.338	2189.081	1.489	1.131	532.386
1.000	14.776			
3/21/2016 3:15:00 PM	530100.000	11.790	17.568	26.872
1878.514	2189.290	1.489	1.132	532.336
1.000	14.776			
3/21/2016 3:30:00 PM	531000.000	11.801	17.567	26.897
1878.661	2189.484	1.489	1.132	532.294
1.000	14.764			
3/21/2016 3:45:00 PM	531900.000	11.795	17.567	26.883
1879.002	2189.910	1.489	1.132	532.197
1.000	14.769			
3/21/2016 4:00:00 PM	532800.000	11.788	17.568	26.869
1879.453	2190.397	1.489	1.132	532.070
1.000	14.774			
3/21/2016 4:15:00 PM	533700.000	11.789	17.567	26.870
1879.439	2190.390	1.489	1.132	532.074
1.000	14.771			
3/21/2016 4:30:00 PM	534600.000	11.786	17.568	26.864
1879.226	2190.125	1.489	1.132	532.134
1.000	14.773			
3/21/2016 4:45:00 PM	535500.000	11.794	17.568	26.881
1879.728	2190.718	1.490	1.132	531.992
1.000	14.765			
3/21/2016 5:00:00 PM	536400.000	11.787	17.567	26.867
1880.273	2191.383	1.490	1.133	531.838
1.000	14.770			
3/21/2016 5:15:00 PM	537300.000	11.786	17.568	26.864
1880.312	2191.393	1.490	1.133	531.827
1.000	14.773			
3/21/2016 5:30:00 PM	538200.000	11.780	17.568	26.849
1880.232	2191.309	1.490	1.133	531.849
1.000	14.779			
3/21/2016 5:45:00 PM	539100.000	11.781	17.567	26.853
1879.732	2190.743	1.490	1.132	531.991
1.000	14.777			
3/21/2016 6:00:00 PM	540000.000	11.781	17.567	26.853
1879.991	2191.037	1.490	1.133	531.917
1.000	14.776			
3/21/2016 6:15:00 PM	540900.000	11.785	17.567	26.861
1879.146	2190.064	1.489	1.132	532.157
1.000	14.773			
3/21/2016 6:30:00 PM	541800.000	11.784	17.568	26.860
1878.693	2189.498	1.489	1.132	532.285
1.000	14.774			
3/21/2016 6:45:00 PM	542700.000	11.781	17.568	26.852
1878.932	2189.790	1.489	1.132	532.217
1.000	14.778			

3/21/2016 7:00:00 PM	543600.000	11.786	17.567	26.864
1878.733	2189.571	1.489	1.132	532.273
1.000	14.772			
3/21/2016 7:15:00 PM	544500.000	11.785	17.567	26.862
1878.881	2189.743	1.489	1.132	532.232
1.000	14.772			
3/21/2016 7:30:00 PM	545400.000	11.785	17.568	26.861
1878.976	2189.811	1.489	1.132	532.205
1.000	14.773			
3/21/2016 7:45:00 PM	546300.000	11.779	17.567	26.849
1879.202	2190.122	1.489	1.132	532.141
1.000	14.779			
3/21/2016 8:00:00 PM	547200.000	11.787	17.567	26.867
1879.671	2190.669	1.490	1.132	532.008
1.000	14.770			
3/21/2016 8:15:00 PM	548100.000	11.781	17.567	26.852
1879.695	2190.688	1.490	1.132	532.001
1.000	14.778			
3/21/2016 8:30:00 PM	549000.000	11.785	17.568	26.861
1879.518	2190.473	1.490	1.132	532.051
1.000	14.774			
3/21/2016 8:45:00 PM	549900.000	11.782	17.568	26.854
1879.181	2190.080	1.489	1.132	532.147
1.000	14.778			
3/21/2016 9:00:00 PM	550800.000	11.779	17.568	26.847
1879.020	2189.884	1.489	1.132	532.192
1.000	14.784			
3/21/2016 9:15:00 PM	551700.000	11.774	17.568	26.836
1878.715	2189.537	1.489	1.132	532.279
1.000	14.789			
3/21/2016 9:30:00 PM	552600.000	11.771	17.568	26.829
1878.572	2189.366	1.489	1.132	532.319
1.000	14.792			
3/21/2016 9:45:00 PM	553500.000	11.774	17.567	26.837
1878.243	2188.996	1.489	1.131	532.412
1.000	14.793			
3/21/2016 10:00:00 PM	554400.000	11.772	17.568	26.832
1878.813	2189.656	1.489	1.132	532.251
1.000	14.796			
3/21/2016 10:15:00 PM	555300.000	11.767	17.568	26.822
1878.245	2188.984	1.489	1.131	532.412
1.000	14.802			
3/21/2016 10:30:00 PM	556200.000	11.771	17.567	26.831
1877.888	2188.591	1.488	1.131	532.513
1.000	14.799			
3/21/2016 10:45:00 PM	557100.000	11.771	17.568	26.831
1877.394	2187.980	1.488	1.131	532.653
1.000	14.802			
3/21/2016 11:00:00 PM	558000.000	11.776	17.567	26.840
1877.252	2187.853	1.488	1.131	532.694
1.000	14.799			
3/21/2016 11:15:00 PM	558900.000	11.779	17.568	26.848
1877.247	2187.826	1.488	1.131	532.695
1.000	14.799			
3/21/2016 11:30:00 PM	559800.000	11.771	17.568	26.830
1876.715	2187.202	1.487	1.130	532.846
1.000	14.808			
3/21/2016 11:45:00 PM	560700.000	11.776	17.567	26.840

1876.644	2187.153	1.487	1.130	532.866
1.000	14.804			
3/22/2016 12:00:00 AM	561600.000	11.779	17.567	26.848
1877.020	2187.579	1.488	1.131	532.759
1.000	14.803			
3/22/2016 12:15:00 AM	562500.000	11.781	17.567	26.853
1877.440	2188.060	1.488	1.131	532.640
1.000	14.801			
3/22/2016 12:30:00 AM	563400.000	11.776	17.567	26.841
1877.710	2188.395	1.488	1.131	532.564
1.000	14.807			
3/22/2016 12:45:00 AM	564300.000	11.775	17.567	26.839
1877.995	2188.710	1.488	1.131	532.483
1.000	14.809			
3/22/2016 1:00:00 AM	565200.000	11.775	17.568	26.839
1877.806	2188.456	1.488	1.131	532.536
1.000	14.810			
3/22/2016 1:15:00 AM	566100.000	11.773	17.568	26.834
1877.517	2188.141	1.488	1.131	532.618
1.000	14.813			
3/22/2016 1:30:00 AM	567000.000	11.776	17.567	26.841
1878.286	2189.054	1.489	1.131	532.400
1.000	14.810			
3/22/2016 1:45:00 AM	567900.000	11.778	17.567	26.846
1878.295	2189.083	1.489	1.131	532.398
1.000	14.809			
3/22/2016 2:00:00 AM	568800.000	11.775	17.567	26.838
1878.745	2189.584	1.489	1.132	532.270
1.000	14.813			
3/22/2016 2:15:00 AM	569700.000	11.775	17.567	26.840
1878.806	2189.665	1.489	1.132	532.253
1.000	14.813			
3/22/2016 2:30:00 AM	570600.000	11.776	17.567	26.840
1878.203	2188.957	1.488	1.131	532.424
1.000	14.812			
3/22/2016 2:45:00 AM	571500.000	11.778	17.567	26.847
1877.634	2188.315	1.488	1.131	532.585
1.000	14.811			
3/22/2016 3:00:00 AM	572400.000	11.779	17.567	26.849
1877.614	2188.275	1.488	1.131	532.591
1.000	14.811			
3/22/2016 3:15:00 AM	573300.000	11.788	17.567	26.869
1878.663	2189.485	1.489	1.132	532.294
1.000	14.802			
3/22/2016 3:30:00 AM	574200.000	11.784	17.568	26.860
1879.373	2190.291	1.489	1.132	532.092
1.000	14.807			
3/22/2016 3:45:00 AM	575100.000	11.784	17.567	26.859
1878.922	2189.796	1.489	1.132	532.220
1.000	14.808			
3/22/2016 4:00:00 AM	576000.000	11.782	17.568	26.856
1878.270	2189.010	1.489	1.131	532.405
1.000	14.809			
3/22/2016 4:15:00 AM	576900.000	11.775	17.568	26.839
1878.005	2188.693	1.488	1.131	532.480
1.000	14.817			
3/22/2016 4:30:00 AM	577800.000	11.782	17.568	26.854
1878.572	2189.370	1.489	1.132	532.319

1.000	14.811			
3/22/2016 4:45:00 AM	578700.000	11.788	17.568	26.867
1878.445	2189.210	1.489	1.132	532.355
1.000	14.806			
3/22/2016 5:00:00 AM	579600.000	11.786	17.568	26.864
1878.716	2189.538	1.489	1.132	532.279
1.000	14.806			
3/22/2016 5:15:00 AM	580500.000	11.784	17.567	26.860
1877.218	2187.801	1.488	1.131	532.703
1.000	14.810			
3/22/2016 5:30:00 AM	581400.000	11.779	17.567	26.848
1877.255	2187.844	1.488	1.131	532.693
1.000	14.816			
3/22/2016 5:45:00 AM	582300.000	11.785	17.568	26.861
1877.242	2187.812	1.488	1.131	532.696
1.000	14.811			
3/22/2016 6:00:00 AM	583200.000	11.779	17.567	26.847
1878.124	2188.869	1.488	1.131	532.446
1.000	14.819			
3/22/2016 6:15:00 AM	584100.000	11.774	17.567	26.838
1877.766	2188.439	1.488	1.131	532.548
1.000	14.825			
3/22/2016 6:30:00 AM	585000.000	11.780	17.567	26.850
1877.843	2188.529	1.488	1.131	532.526
1.000	14.821			
3/22/2016 6:45:00 AM	585900.000	11.776	17.568	26.841
1877.316	2187.907	1.488	1.131	532.675
1.000	14.825			
3/22/2016 7:00:00 AM	586800.000	11.770	17.567	26.828
1877.196	2187.779	1.488	1.131	532.709
1.000	14.833			
3/22/2016 7:15:00 AM	587700.000	11.781	17.568	26.853
1877.761	2188.429	1.488	1.131	532.549
1.000	14.822			
3/22/2016 7:30:00 AM	588600.000	11.775	17.567	26.839
1877.746	2188.446	1.488	1.131	532.553
1.000	14.828			
3/22/2016 7:45:00 AM	589500.000	11.767	17.567	26.820
1877.660	2188.337	1.488	1.131	532.578
1.000	14.840			
3/22/2016 8:00:00 AM	590400.000	11.779	17.568	26.847
1877.927	2188.615	1.488	1.131	532.502
1.000	14.830			
3/22/2016 8:15:00 AM	591300.000	11.772	17.568	26.832
1878.078	2188.773	1.488	1.131	532.459
1.000	14.839			
3/22/2016 8:30:00 AM	592200.000	11.766	17.568	26.819
1878.963	2189.826	1.489	1.132	532.209
1.000	14.847			
3/22/2016 8:45:00 AM	593100.000	11.775	17.568	26.838
1878.815	2189.632	1.489	1.132	532.250
1.000	14.845			
3/22/2016 9:00:00 AM	594000.000	11.769	17.567	26.825
1878.976	2189.859	1.489	1.132	532.205
1.000	14.847			
3/22/2016 9:15:00 AM	594900.000	11.773	17.567	26.835
1878.886	2189.758	1.489	1.132	532.230
1.000	14.844			

3/22/2016 9:30:00 AM	595800.000	11.769	17.567	26.824
1879.148	2190.055	1.489	1.132	532.156
1.000	14.853			
3/22/2016 9:45:00 AM	596700.000	11.769	17.568	26.825
1879.264	2190.173	1.489	1.132	532.123
1.000	14.854			
3/22/2016 10:00:00 AM	597600.000	11.772	17.568	26.831
1879.600	2190.569	1.490	1.132	532.028
1.000	14.855			
3/22/2016 10:15:00 AM	598500.000	11.766	17.568	26.819
1879.499	2190.450	1.490	1.132	532.057
1.000	14.862			
3/22/2016 10:30:00 AM	599400.000	11.773	17.568	26.835
1879.226	2190.111	1.489	1.132	532.134
1.000	14.857			
3/22/2016 10:45:00 AM	600300.000	11.773	17.567	26.834
1879.311	2190.249	1.489	1.132	532.110
1.000	14.860			
3/22/2016 11:00:00 AM	601200.000	11.773	17.567	26.834
1880.286	2191.398	1.490	1.133	531.834
1.000	14.862			
3/22/2016 11:15:00 AM	602100.000	11.778	17.567	26.846
1879.718	2190.715	1.490	1.132	531.995
1.000	14.858			
3/22/2016 11:30:00 AM	603000.000	11.779	17.568	26.848
1879.669	2190.640	1.490	1.132	532.009
1.000	14.860			
3/22/2016 11:45:00 AM	603900.000	11.778	17.567	26.846
1879.993	2191.052	1.490	1.133	531.917
1.000	14.861			
3/22/2016 12:00:00 PM	604800.000	11.778	17.568	26.846
1880.578	2191.712	1.490	1.133	531.751
1.000	14.862			
3/22/2016 12:15:00 PM	605700.000	11.776	17.567	26.841
1880.849	2192.037	1.491	1.133	531.675
1.000	14.866			
3/22/2016 12:30:00 PM	606600.000	11.785	17.567	26.863
1881.032	2192.284	1.491	1.133	531.623
1.000	14.857			
3/22/2016 12:45:00 PM	607500.000	11.782	17.568	26.854
1880.996	2192.188	1.491	1.133	531.633
1.000	14.862			
3/22/2016 1:00:00 PM	608400.000	11.774	17.568	26.837
1880.775	2191.942	1.491	1.133	531.696
1.000	14.870			
3/22/2016 1:15:00 PM	609300.000	11.786	17.568	26.864
1880.796	2191.945	1.491	1.133	531.690
1.000	14.858			
3/22/2016 1:30:00 PM	610200.000	11.791	17.567	26.875
1880.706	2191.887	1.490	1.133	531.715
1.000	14.853			
3/22/2016 1:45:00 PM	611100.000	11.789	17.568	26.870
1880.661	2191.801	1.490	1.133	531.728
1.000	14.855			
3/22/2016 2:00:00 PM	612000.000	11.794	17.568	26.882
1880.542	2191.653	1.490	1.133	531.762
1.000	14.849			
3/22/2016 2:15:00 PM	612900.000	11.792	17.568	26.878

1880.519	2191.639	1.490	1.133	531.768
1.000	14.850			
3/22/2016 2:30:00 PM	613800.000	11.794	17.567	26.882
1880.571	2191.709	1.490	1.133	531.753
1.000	14.846			
3/22/2016 2:45:00 PM	614700.000	11.794	17.568	26.883
1880.277	2191.361	1.490	1.133	531.837
1.000	14.845			
3/22/2016 3:00:00 PM	615600.000	11.796	17.567	26.887
1879.517	2190.493	1.490	1.132	532.052
1.000	14.843			
3/22/2016 3:15:00 PM	616500.000	11.793	17.567	26.881
1879.370	2190.313	1.489	1.132	532.093
1.000	14.845			
3/22/2016 3:30:00 PM	617400.000	11.800	17.567	26.895
1879.242	2190.181	1.489	1.132	532.129
1.000	14.837			
3/22/2016 3:45:00 PM	618300.000	11.798	17.567	26.892
1878.760	2189.611	1.489	1.132	532.266
1.000	14.838			
3/22/2016 4:00:00 PM	619200.000	11.797	17.568	26.888
1878.624	2189.427	1.489	1.132	532.304
1.000	14.838			
3/22/2016 4:15:00 PM	620100.000	11.804	17.568	26.906
1878.740	2189.532	1.489	1.132	532.272
1.000	14.830			
3/22/2016 4:30:00 PM	621000.000	11.798	17.568	26.890
1878.750	2189.552	1.489	1.132	532.269
1.000	14.835			
3/22/2016 4:45:00 PM	621900.000	11.799	17.568	26.893
1879.543	2190.498	1.490	1.132	532.044
1.000	14.833			
3/22/2016 5:00:00 PM	622800.000	11.796	17.567	26.887
1879.801	2190.833	1.490	1.132	531.971
1.000	14.835			
3/22/2016 5:15:00 PM	623700.000	11.796	17.569	26.886
1879.973	2190.960	1.490	1.133	531.923
1.000	14.835			
3/22/2016 5:30:00 PM	624600.000	11.797	17.568	26.889
1880.122	2191.168	1.490	1.133	531.880
1.000	14.832			
3/22/2016 5:45:00 PM	625500.000	11.798	17.568	26.890
1880.357	2191.447	1.490	1.133	531.814
1.000	14.830			
3/22/2016 6:00:00 PM	626400.000	11.791	17.568	26.874
1880.214	2191.280	1.490	1.133	531.854
1.000	14.838			
3/22/2016 6:15:00 PM	627300.000	11.794	17.568	26.881
1880.497	2191.609	1.490	1.133	531.774
1.000	14.834			
3/22/2016 6:30:00 PM	628200.000	11.793	17.567	26.880
1880.292	2191.388	1.490	1.133	531.832
1.000	14.833			
3/22/2016 6:45:00 PM	629100.000	11.793	17.567	26.881
1879.685	2190.677	1.490	1.132	532.004
1.000	14.834			
3/22/2016 7:00:00 PM	630000.000	11.789	17.568	26.871
1878.386	2189.145	1.489	1.132	532.372

1.000	14.837			
3/22/2016 7:15:00 PM	630900.000	11.798	17.567	26.891
1878.316	2189.084	1.489	1.131	532.392
1.000	14.830			
3/22/2016 7:30:00 PM	631800.000	11.786	17.568	26.863
1878.473	2189.246	1.489	1.132	532.347
1.000	14.839			
3/22/2016 7:45:00 PM	632700.000	11.788	17.568	26.869
1878.586	2189.390	1.489	1.132	532.315
1.000	14.839			
3/22/2016 8:00:00 PM	633600.000	11.786	17.568	26.864
1879.404	2190.326	1.489	1.132	532.084
1.000	14.843			
3/22/2016 8:15:00 PM	634500.000	11.784	17.568	26.858
1880.092	2191.137	1.490	1.133	531.889
1.000	14.845			
3/22/2016 8:30:00 PM	635400.000	11.783	17.567	26.858
1880.209	2191.313	1.490	1.133	531.856
1.000	14.847			
3/22/2016 8:45:00 PM	636300.000	11.778	17.567	26.845
1879.660	2190.659	1.490	1.132	532.011
1.000	14.855			
3/22/2016 9:00:00 PM	637200.000	11.789	17.567	26.871
1877.973	2188.693	1.488	1.131	532.489
1.000	14.844			
3/22/2016 9:15:00 PM	638100.000	11.780	17.568	26.850
1877.745	2188.407	1.488	1.131	532.554
1.000	14.855			
3/22/2016 9:30:00 PM	639000.000	11.783	17.567	26.858
1877.432	2188.054	1.488	1.131	532.643
1.000	14.852			
3/22/2016 9:45:00 PM	639900.000	11.784	17.567	26.860
1878.253	2189.024	1.489	1.131	532.410
1.000	14.853			
3/22/2016 10:00:00 PM	640800.000	11.776	17.567	26.841
1878.798	2189.643	1.489	1.132	532.255
1.000	14.863			
3/22/2016 10:15:00 PM	641700.000	11.777	17.569	26.843
1878.793	2189.585	1.489	1.132	532.257
1.000	14.865			
3/22/2016 10:30:00 PM	642600.000	11.781	17.568	26.852
1879.033	2189.895	1.489	1.132	532.189
1.000	14.861			
3/22/2016 10:45:00 PM	643500.000	11.789	17.567	26.872
1878.508	2189.321	1.489	1.132	532.337
1.000	14.854			
3/22/2016 11:00:00 PM	644400.000	11.786	17.567	26.865
1877.773	2188.474	1.488	1.131	532.546
1.000	14.858			
3/22/2016 11:15:00 PM	645300.000	11.788	17.568	26.868
1877.637	2188.280	1.488	1.131	532.584
1.000	14.858			
3/22/2016 11:30:00 PM	646200.000	11.791	17.568	26.876
1877.160	2187.729	1.488	1.131	532.720
1.000	14.855			
3/22/2016 11:45:00 PM	647100.000	11.784	17.568	26.860
1877.633	2188.254	1.488	1.131	532.585
1.000	14.862			



3/23/2016 12:00:00 AM	648000.000	11.786	17.567	26.865
1877.776	2188.451	1.488	1.131	532.545
1.000	14.859			
3/23/2016 12:15:00 AM	648900.000	11.787	17.567	26.865
1878.296	2189.058	1.489	1.131	532.397
1.000	14.861			
3/23/2016 12:30:00 AM	649800.000	11.790	17.567	26.873
1878.910	2189.782	1.489	1.132	532.223
1.000	14.857			
3/23/2016 12:45:00 AM	650700.000	11.784	17.568	26.859
1878.828	2189.647	1.489	1.132	532.247
1.000	14.863			
3/23/2016 1:00:00 AM	651600.000	11.792	17.568	26.879
1879.125	2189.985	1.489	1.132	532.163
1.000	14.854			
3/23/2016 1:15:00 AM	652500.000	11.789	17.567	26.870
1879.557	2190.536	1.490	1.132	532.040
1.000	14.858			
3/23/2016 1:30:00 AM	653400.000	11.795	17.568	26.884
1880.261	2191.343	1.490	1.133	531.841
1.000	14.853			
3/23/2016 1:45:00 AM	654300.000	11.790	17.568	26.873
1880.802	2191.969	1.491	1.133	531.688
1.000	14.857			
3/23/2016 2:00:00 AM	655200.000	11.795	17.568	26.884
1880.495	2191.599	1.490	1.133	531.775
1.000	14.854			
3/23/2016 2:15:00 AM	656100.000	11.791	17.568	26.876
1880.886	2192.054	1.491	1.133	531.664
1.000	14.855			
3/23/2016 2:30:00 AM	657000.000	11.797	17.568	26.890
1881.903	2193.223	1.491	1.134	531.377
1.000	14.851			
3/23/2016 2:45:00 AM	657900.000	11.796	17.567	26.886
1881.899	2193.265	1.491	1.134	531.378
1.000	14.853			
3/23/2016 3:00:00 AM	658800.000	11.796	17.568	26.888
1881.517	2192.772	1.491	1.133	531.486
1.000	14.852			
3/23/2016 3:15:00 AM	659700.000	11.798	17.568	26.891
1880.944	2192.126	1.491	1.133	531.648
1.000	14.848			
3/23/2016 3:30:00 AM	660600.000	11.795	17.568	26.884
1880.145	2191.191	1.490	1.133	531.874
1.000	14.851			
3/23/2016 3:45:00 AM	661500.000	11.798	17.568	26.892
1880.024	2191.045	1.490	1.133	531.908
1.000	14.847			
3/23/2016 4:00:00 AM	662400.000	11.799	17.568	26.894
1879.849	2190.845	1.490	1.132	531.958
1.000	14.846			
3/23/2016 4:15:00 AM	663300.000	11.799	17.568	26.893
1879.909	2190.911	1.490	1.132	531.941
1.000	14.844			
3/23/2016 4:30:00 AM	664200.000	11.799	17.568	26.894
1880.274	2191.349	1.490	1.133	531.838
1.000	14.844			
3/23/2016 4:45:00 AM	665100.000	11.799	17.568	26.894

1879.387	2190.321	1.489	1.132	532.088
1.000	14.843			
3/23/2016 5:00:00 AM	666000.000	11.794	17.568	26.882
1879.606	2190.558	1.490	1.132	532.026
1.000	14.849			
3/23/2016 5:15:00 AM	666900.000	11.797	17.568	26.889
1879.346	2190.272	1.489	1.132	532.100
1.000	14.845			
3/23/2016 5:30:00 AM	667800.000	11.799	17.567	26.893
1878.968	2189.845	1.489	1.132	532.207
1.000	14.843			
3/23/2016 5:45:00 AM	668700.000	11.791	17.568	26.876
1878.367	2189.136	1.489	1.132	532.377
1.000	14.850			
3/23/2016 6:00:00 AM	669600.000	11.793	17.568	26.880
1877.602	2188.219	1.488	1.131	532.594
1.000	14.849			
3/23/2016 6:15:00 AM	670500.000	11.790	17.568	26.872
1878.242	2188.990	1.489	1.131	532.413
1.000	14.853			
3/23/2016 6:30:00 AM	671400.000	11.796	17.568	26.888
1878.642	2189.430	1.489	1.132	532.299
1.000	14.846			
3/23/2016 6:45:00 AM	672300.000	11.793	17.568	26.881
1877.965	2188.667	1.488	1.131	532.491
1.000	14.852			
3/23/2016 7:00:00 AM	673200.000	11.789	17.568	26.872
1878.603	2189.381	1.489	1.132	532.310
1.000	14.858			
3/23/2016 7:15:00 AM	674100.000	11.790	17.568	26.873
1878.542	2189.327	1.489	1.132	532.328
1.000	14.857			
3/23/2016 7:30:00 AM	675000.000	11.786	17.568	26.865
1879.163	2190.025	1.489	1.132	532.152
1.000	14.862			
3/23/2016 7:45:00 AM	675900.000	11.788	17.567	26.868
1879.926	2190.961	1.490	1.133	531.936
1.000	14.862			
3/23/2016 8:00:00 AM	676800.000	11.786	17.568	26.865
1880.175	2191.221	1.490	1.133	531.865
1.000	14.866			
3/23/2016 8:15:00 AM	677700.000	11.782	17.568	26.854
1880.817	2191.973	1.491	1.133	531.684
1.000	14.872			
3/23/2016 8:30:00 AM	678600.000	11.775	17.568	26.838
1881.016	2192.219	1.491	1.133	531.627
1.000	14.882			
3/23/2016 8:45:00 AM	679500.000	11.784	17.567	26.860
1880.663	2191.820	1.490	1.133	531.727
1.000	14.875			
3/23/2016 9:00:00 AM	680400.000	11.781	17.568	26.853
1879.913	2190.921	1.490	1.132	531.939
1.000	14.879			
3/23/2016 9:15:00 AM	681300.000	11.785	17.568	26.862
1880.046	2191.084	1.490	1.133	531.902
1.000	14.876			
3/23/2016 9:30:00 AM	682200.000	11.785	17.568	26.861
1879.684	2190.650	1.490	1.132	532.004

1.000	14.880			
3/23/2016 9:45:00 AM	683100.000	11.783	17.567	26.856
1879.240	2190.161	1.489	1.132	532.130
1.000	14.883			
3/23/2016 10:00:00 AM	684000.000	11.786	17.567	26.865
1878.818	2189.674	1.489	1.132	532.250
1.000	14.881			
3/23/2016 10:15:00 AM	684900.000	11.788	17.567	26.868
1878.953	2189.844	1.489	1.132	532.211
1.000	14.882			
3/23/2016 10:30:00 AM	685800.000	11.786	17.568	26.863
1878.971	2189.810	1.489	1.132	532.206
1.000	14.885			
3/23/2016 10:45:00 AM	686700.000	11.780	17.567	26.850
1879.284	2190.213	1.489	1.132	532.118
1.000	14.892			
3/23/2016 11:00:00 AM	687600.000	11.789	17.569	26.871
1880.004	2190.984	1.490	1.133	531.914
1.000	14.884			
3/23/2016 11:15:00 AM	688500.000	11.788	17.568	26.869
1880.790	2191.955	1.491	1.133	531.691
1.000	14.887			
3/23/2016 11:30:00 AM	689400.000	11.785	17.568	26.861
1880.786	2191.951	1.491	1.133	531.692
1.000	14.891			
3/23/2016 11:45:00 AM	690300.000	11.784	17.567	26.859
1880.310	2191.405	1.490	1.133	531.827
1.000	14.892			
3/23/2016 12:00:00 PM	691200.000	11.793	17.568	26.881
1880.724	2191.865	1.490	1.133	531.710
1.000	14.883			
3/23/2016 12:15:00 PM	692100.000	11.790	17.568	26.873
1880.955	2192.126	1.491	1.133	531.645
1.000	14.892			
3/23/2016 12:30:00 PM	693000.000	11.788	17.568	26.869
1880.507	2191.626	1.490	1.133	531.771
1.000	14.888			
3/23/2016 12:45:00 PM	693900.000	11.792	17.568	26.878
1880.687	2191.827	1.490	1.133	531.721
1.000	14.886			
3/23/2016 1:00:00 PM	694800.000	11.799	17.568	26.893
1880.393	2191.492	1.490	1.133	531.804
1.000	14.881			
3/23/2016 1:15:00 PM	695700.000	11.788	17.568	26.869
1880.135	2191.179	1.490	1.133	531.877
1.000	14.891			
3/23/2016 1:30:00 PM	696600.000	11.801	17.568	26.898
1879.531	2190.488	1.490	1.132	532.048
1.000	14.878			
3/23/2016 1:45:00 PM	697500.000	11.797	17.568	26.890
1879.286	2190.186	1.489	1.132	532.117
1.000	14.882			
3/23/2016 2:00:00 PM	698400.000	11.799	17.568	26.893
1879.586	2190.531	1.490	1.132	532.032
1.000	14.879			
3/23/2016 2:15:00 PM	699300.000	11.800	17.567	26.895
1879.208	2190.124	1.489	1.132	532.139
1.000	14.877			

3/23/2016 2:30:00 PM	700200.000	11.796	17.568	26.886
1879.131	2189.988	1.489	1.132	532.161
1.000	14.881			
3/23/2016 2:45:00 PM	701100.000	11.793	17.568	26.880
1879.047	2189.927	1.489	1.132	532.185
1.000	14.883			
3/23/2016 3:00:00 PM	702000.000	11.802	17.568	26.901
1878.839	2189.686	1.489	1.132	532.243
1.000	14.874			
3/23/2016 3:15:00 PM	702900.000	11.803	17.568	26.902
1878.823	2189.654	1.489	1.132	532.248
1.000	14.873			
3/23/2016 3:30:00 PM	703800.000	11.803	17.568	26.903
1878.281	2189.031	1.489	1.131	532.402
1.000	14.871			
3/23/2016 3:45:00 PM	704700.000	11.809	17.568	26.916
1877.548	2188.177	1.488	1.131	532.610
1.000	14.869			
3/23/2016 4:00:00 PM	705600.000	11.803	17.568	26.902
1877.735	2188.382	1.488	1.131	532.556
1.000	14.871			
3/23/2016 4:15:00 PM	706500.000	11.801	17.568	26.897
1878.052	2188.747	1.488	1.131	532.467
1.000	14.873			
3/23/2016 4:30:00 PM	707400.000	11.795	17.568	26.886
1877.539	2188.145	1.488	1.131	532.612
1.000	14.876			
3/23/2016 4:45:00 PM	708300.000	11.804	17.568	26.904
1877.787	2188.439	1.488	1.131	532.542
1.000	14.868			
3/23/2016 5:00:00 PM	709200.000	11.806	17.568	26.909
1877.329	2187.905	1.488	1.131	532.672
1.000	14.865			
3/23/2016 5:15:00 PM	710100.000	11.807	17.568	26.912
1877.406	2188.007	1.488	1.131	532.650
1.000	14.862			
3/23/2016 5:30:00 PM	711000.000	11.802	17.568	26.900
1878.278	2189.002	1.489	1.131	532.403
1.000	14.867			
3/23/2016 5:45:00 PM	711900.000	11.805	17.568	26.906
1879.124	2189.992	1.489	1.132	532.163
1.000	14.863			
3/23/2016 6:00:00 PM	712800.000	11.792	17.568	26.878
1880.181	2191.233	1.490	1.133	531.864
1.000	14.874			
3/23/2016 6:15:00 PM	713700.000	11.803	17.568	26.903
1880.467	2191.574	1.490	1.133	531.783
1.000	14.862			
3/23/2016 6:30:00 PM	714600.000	11.801	17.568	26.898
1880.241	2191.302	1.490	1.133	531.847
1.000	14.865			
3/23/2016 6:45:00 PM	715500.000	11.802	17.568	26.901
1879.220	2190.113	1.489	1.132	532.136
1.000	14.864			
3/23/2016 7:00:00 PM	716400.000	11.805	17.568	26.907
1879.040	2189.890	1.489	1.132	532.187
1.000	14.862			
3/23/2016 7:15:00 PM	717300.000	11.802	17.568	26.901

1879.244	2190.123	1.489	1.132	532.129
1.000	14.864			
3/23/2016 7:30:00 PM	718200.000	11.804	17.568	26.906
1879.831	2190.838	1.490	1.132	531.963
1.000	14.862			
3/23/2016 7:45:00 PM	719100.000	11.802	17.568	26.900
1879.829	2190.823	1.490	1.132	531.963
1.000	14.863			
3/23/2016 8:00:00 PM	720000.000	11.802	17.568	26.901
1880.451	2191.561	1.490	1.133	531.787
1.000	14.863			
3/23/2016 8:15:00 PM	720900.000	11.806	17.568	26.910
1879.968	2190.985	1.490	1.133	531.924
1.000	14.859			
3/23/2016 8:30:00 PM	721800.000	11.804	17.569	26.904
1880.249	2191.282	1.490	1.133	531.845
1.000	14.862			
3/23/2016 8:45:00 PM	722700.000	11.800	17.568	26.896
1880.353	2191.438	1.490	1.133	531.815
1.000	14.865			
3/23/2016 9:00:00 PM	723600.000	11.795	17.567	26.884
1879.830	2190.866	1.490	1.132	531.963
1.000	14.871			
3/23/2016 9:15:00 PM	724500.000	11.801	17.568	26.899
1879.777	2190.753	1.490	1.132	531.978
1.000	14.865			
3/23/2016 9:30:00 PM	725400.000	11.796	17.567	26.886
1879.276	2190.199	1.489	1.132	532.120
1.000	14.872			
3/23/2016 9:45:00 PM	726300.000	11.796	17.568	26.887
1879.363	2190.279	1.489	1.132	532.095
1.000	14.870			
3/23/2016 10:00:00 PM	727200.000	11.800	17.567	26.896
1878.515	2189.313	1.489	1.132	532.335
1.000	14.867			
3/23/2016 10:15:00 PM	728100.000	11.798	17.568	26.892
1878.239	2188.974	1.489	1.131	532.414
1.000	14.870			
3/23/2016 10:30:00 PM	729000.000	11.803	17.568	26.902
1878.586	2189.386	1.489	1.132	532.315
1.000	14.870			
3/23/2016 10:45:00 PM	729900.000	11.800	17.568	26.897
1878.467	2189.235	1.489	1.132	532.349
1.000	14.868			
3/23/2016 11:00:00 PM	730800.000	11.798	17.568	26.891
1878.522	2189.312	1.489	1.132	532.333
1.000	14.871			
3/23/2016 11:15:00 PM	731700.000	11.796	17.568	26.888
1878.622	2189.403	1.489	1.132	532.305
1.000	14.873			
3/23/2016 11:30:00 PM	732600.000	11.803	17.568	26.902
1878.817	2189.639	1.489	1.132	532.250
1.000	14.867			
3/23/2016 11:45:00 PM	733500.000	11.805	17.568	26.906
1879.514	2190.438	1.489	1.132	532.052
1.000	14.865			

Report Date: 3/24/2016 2:16:31 PM  
Report User Name: Kmakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

#### Log File Properties:

File Name: MPWSP MW-8D LT Test\_2016-03-24\_08-58-13-148-BaroMerge.wsl  
Create Date: 3/24/2016 2:13:47 PM

#### Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-8D  
Device Name:  
Serial Number: 437552  
Firmware Version: 2.00  
Hardware Version: 3  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 3  
Used Battery(%): 0

#### Log Configuration

Log Name: MPWSP MW-8D LT Test  
Created By: Kmakar  
Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0  
Create Date: 1/15/2016 9:12:40 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: 335.498 (ft)  
Head Pressure: 147.193 (PSI)  
Temperature: 20.3696 (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 9:12:50 AM	Used Battery: 0% Used Memory: 6% User Name: KMakar
1/21/2016 8:56:16 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/28/2016 9:16:30 AM	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 9:15:00 AM
2/4/2016 10:13:13 AM	Log Download - Used Battery: 1% Used Memory: 4% User Name: CShaw Interval - Start Time:
1/15/2016 9:15:00 AM	Stop Time: 2/4/2016 11:00:00 AM
2/11/2016 10:01:09 AM	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 10:00:00 AM
2/18/2016 11:20:41 AM	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 11:30:00 AM
2/25/2016 10:47:51 AM	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 10:45:00 AM
3/3/2016 12:49:53 PM	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 1:45:00 PM
3/10/2016 2:36:57 PM	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 2:30:00 PM
3/17/2016 12:30:02 PM	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 1:15:00 PM
3/24/2016 8:57:31 AM	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 9:00:00 AM
3/24/2016 2:13:47 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-03-24_13-31-57-718.wsl""

Log Data:

Record Count: 852

Sensors: 2

1 - 437552: PCTD 300 PSIA (200.7m/658.7ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft
Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft
Sensor: PCTD(A) 658.7ft	Sensor: PCTD(A) 658.7ft	Sensor: Baro-Adj Calc	
SN#: 437552	SN#: 437552	SN#: 437552	SN#: 437552
SN#: 000000	SN#: 437552	SN#: 437552	SN#: 437552

Date and Time	Elapsed Time	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)	Actual
3/17/2016 12:00:00 AM	129600.000				
11051.237	12121.699				
1.003	14.721				
3/17/2016 12:15:00 AM	130500.000				
11052.303	12121.871				
1.003	14.719				

3/17/2016 12:30:00 AM	131400.000	133.365	20.382	303.981
11051.417	12120.389	7.014	8241.864	90.486
1.003	14.722			
3/17/2016 12:45:00 AM	132300.000	133.366	20.389	303.983
11055.840	12123.443	7.015	8243.942	90.450
1.003	14.716			
3/17/2016 1:00:00 AM	133200.000	133.378	20.386	304.010
11049.218	12117.023	7.011	8239.576	90.504
1.003	14.717			
3/17/2016 1:15:00 AM	134100.000	133.364	20.388	303.979
11055.471	12123.507	7.016	8243.985	90.453
1.003	14.715			
3/17/2016 1:30:00 AM	135000.000	133.360	20.396	303.969
11055.195	12121.163	7.014	8242.391	90.455
1.003	14.721			
3/17/2016 1:45:00 AM	135900.000	133.410	20.395	304.082
11048.364	12113.786	7.009	8237.375	90.511
1.003	14.714			
3/17/2016 2:00:00 AM	136800.000	133.404	20.394	304.069
11049.078	12114.942	7.010	8238.161	90.505
1.003	14.719			
3/17/2016 2:15:00 AM	137700.000	133.407	20.394	304.075
11053.884	12120.059	7.013	8241.640	90.466
1.003	14.714			
3/17/2016 2:30:00 AM	138600.000	133.383	20.383	304.022
11047.585	12116.055	7.011	8238.917	90.518
1.003	14.706			
3/17/2016 2:45:00 AM	139500.000	133.373	20.385	303.998
11046.794	12114.767	7.010	8238.042	90.524
1.003	14.711			
3/17/2016 3:00:00 AM	140400.000	133.414	20.383	304.093
11045.700	12113.919	7.010	8237.465	90.533
1.003	14.705			
3/17/2016 3:15:00 AM	141300.000	133.383	20.388	304.021
11047.384	12114.459	7.010	8237.832	90.519
1.003	14.700			
3/17/2016 3:30:00 AM	142200.000	133.379	20.386	304.012
11043.469	12110.677	7.008	8235.261	90.551
1.003	14.708			
3/17/2016 3:45:00 AM	143100.000	133.387	20.392	304.031
11043.271	12108.975	7.006	8234.104	90.553
1.003	14.703			
3/17/2016 4:00:00 AM	144000.000	133.394	20.381	304.047
11042.566	12111.059	7.008	8235.521	90.559
1.003	14.698			
3/17/2016 4:15:00 AM	144900.000	133.399	20.393	304.058
11045.759	12111.551	7.008	8235.855	90.532
1.003	14.697			
3/17/2016 4:30:00 AM	145800.000	133.438	20.390	304.145
11045.691	12112.204	7.008	8236.300	90.533
1.003	14.701			
3/17/2016 4:45:00 AM	146700.000	133.446	20.383	304.165
11044.565	12112.764	7.009	8236.680	90.542
1.003	14.703			
3/17/2016 5:00:00 AM	147600.000	133.415	20.375	304.094
11038.610	12108.271	7.006	8233.624	90.591
1.003	14.696			



3/17/2016 5:15:00 AM	148500.000	133.460	20.374	304.197
11040.234	12110.184	7.007	8234.925	90.578
1.003	14.695			
3/17/2016 5:30:00 AM	149400.000	133.430	20.378	304.127
11041.872	12111.096	7.008	8235.545	90.564
1.003	14.697			
3/17/2016 5:45:00 AM	150300.000	133.442	20.381	304.156
11041.796	12110.148	7.007	8234.901	90.565
1.003	14.693			
3/17/2016 6:00:00 AM	151200.000	133.457	20.376	304.189
11038.343	12107.733	7.006	8233.259	90.593
1.003	14.688			
3/17/2016 6:15:00 AM	152100.000	133.452	20.386	304.178
11044.917	12112.418	7.009	8236.444	90.539
1.003	14.695			
3/17/2016 6:30:00 AM	153000.000	133.494	20.390	304.275
11044.461	12110.944	7.008	8235.443	90.543
1.003	14.691			
3/17/2016 6:45:00 AM	153900.000	133.469	20.379	304.217
11041.107	12109.856	7.007	8234.702	90.571
1.003	14.688			
3/17/2016 7:00:00 AM	154800.000	133.478	20.373	304.238
11037.975	12108.082	7.006	8233.497	90.596
1.003	14.692			
3/17/2016 7:15:00 AM	155700.000	133.478	20.376	304.238
11041.362	12111.046	7.008	8235.512	90.569
1.003	14.694			
3/17/2016 7:30:00 AM	156600.000	133.518	20.385	304.329
11037.346	12104.384	7.004	8230.981	90.601
1.003	14.695			
3/17/2016 7:45:00 AM	157500.000	133.493	20.391	304.272
11038.751	12104.282	7.004	8230.912	90.590
1.003	14.694			
3/17/2016 8:00:00 AM	158400.000	133.498	20.387	304.284
11042.328	12109.138	7.007	8234.214	90.561
1.003	14.696			
3/17/2016 8:15:00 AM	159300.000	133.501	20.375	304.291
11036.826	12106.158	7.005	8232.188	90.606
1.003	14.699			
3/17/2016 8:30:00 AM	160200.000	133.533	20.386	304.362
11038.308	12105.060	7.004	8231.440	90.594
1.003	14.699			
3/17/2016 8:45:00 AM	161100.000	133.544	20.382	304.388
11032.787	12100.088	7.001	8228.060	90.639
1.003	14.695			
3/17/2016 9:00:00 AM	162000.000	133.504	20.372	304.297
11029.086	12098.555	7.000	8227.019	90.669
1.003	14.697			
3/17/2016 9:15:00 AM	162900.000	133.514	20.389	304.321
11031.528	12096.962	6.999	8225.935	90.649
1.003	14.697			
3/17/2016 9:30:00 AM	163800.000	133.545	20.384	304.391
11031.831	12098.557	7.000	8227.020	90.647
1.003	14.696			
3/17/2016 9:45:00 AM	164700.000	133.544	20.379	304.388
11028.881	12096.583	6.999	8225.678	90.671
1.003	14.694			

3/17/2016 10:00:00 AM	165600.000	133.499	20.394	304.287
11033.040	12097.226	6.999	8226.113	90.637
1.003	14.698			
3/17/2016 10:15:00 AM	166500.000	133.502	20.384	304.293
11030.478	12097.094	6.999	8226.023	90.658
1.003	14.699			
3/17/2016 10:30:00 AM	167400.000	133.496	20.378	304.279
11028.852	12096.636	6.999	8225.713	90.671
1.003	14.699			
3/17/2016 10:45:00 AM	168300.000	133.516	20.390	304.323
11027.627	12092.332	6.996	8222.787	90.681
1.003	14.702			
3/17/2016 11:00:00 AM	169200.000	133.497	20.389	304.280
11025.647	12090.513	6.995	8221.549	90.698
1.003	14.689			
3/17/2016 11:15:00 AM	170100.000	133.477	20.380	304.236
11025.428	12092.506	6.996	8222.905	90.699
1.003	14.693			
3/17/2016 11:30:00 AM	171000.000	133.494	20.392	304.275
11030.180	12094.688	6.998	8224.389	90.660
1.003	14.694			
3/17/2016 11:45:00 AM	171900.000	133.461	20.374	304.199
11020.365	12088.433	6.994	8220.134	90.741
1.003	14.685			
3/17/2016 12:00:00 PM	172800.000	133.492	20.388	304.269
11023.242	12088.118	6.993	8219.921	90.717
1.003	14.688			
3/17/2016 12:15:00 PM	173700.000	133.485	20.381	304.253
11021.238	12087.560	6.993	8219.542	90.734
1.003	14.691			
3/17/2016 12:30:00 PM	174600.000	133.434	20.393	304.137
11023.066	12086.601	6.993	8218.890	90.719
1.003	14.695			
3/17/2016 12:45:00 PM	175500.000	133.435	20.385	304.139
11022.981	12088.430	6.994	8220.132	90.720
1.003	14.689			
3/17/2016 1:00:00 PM	176400.000	133.423	20.382	304.112
11015.990	12081.645	6.989	8215.519	90.777
1.003	14.693			
3/17/2016 1:15:00 PM	177300.000	133.456	20.377	304.188
11019.074	12086.399	6.992	8218.752	90.752
1.003	14.689			
3/17/2016 1:30:00 PM	178200.000	133.405	20.378	304.071
11012.443	12078.838	6.988	8213.609	90.806
1.003	14.692			
3/17/2016 1:45:00 PM	179100.000	133.423	20.387	304.113
11019.627	12084.419	6.991	8217.405	90.747
1.003	14.688			
3/17/2016 2:00:00 PM	180000.000	133.399	20.384	304.058
11014.140	12079.065	6.988	8213.766	90.792
1.003	14.689			
3/17/2016 2:15:00 PM	180900.000	133.386	20.378	304.027
11011.191	12077.399	6.987	8212.632	90.817
1.003	14.687			
3/17/2016 2:30:00 PM	181800.000	133.400	20.376	304.060
11009.164	12075.728	6.986	8211.495	90.833
1.003	14.690			

3/17/2016 2:45:00 PM	182700.000	133.410	20.396	304.083
11014.816	12076.915	6.986	8212.303	90.787
1.003	14.675			
3/17/2016 3:00:00 PM	183600.000	133.358	20.384	303.965
11013.517	12078.338	6.987	8213.271	90.798
1.003	14.684			
3/17/2016 3:15:00 PM	184500.000	133.348	20.391	303.942
11015.654	12078.914	6.988	8213.662	90.780
1.003	14.683			
3/17/2016 3:30:00 PM	185400.000	133.342	20.388	303.928
11013.461	12077.372	6.987	8212.614	90.798
1.003	14.684			
3/17/2016 3:45:00 PM	186300.000	133.335	20.386	303.912
11012.312	12076.464	6.986	8211.995	90.807
1.003	14.682			
3/17/2016 4:00:00 PM	187200.000	133.352	20.379	303.949
11011.197	12077.095	6.987	8212.425	90.817
1.003	14.684			
3/17/2016 4:15:00 PM	188100.000	133.336	20.387	303.913
11013.790	12078.018	6.987	8213.052	90.795
1.003	14.680			
3/17/2016 4:30:00 PM	189000.000	133.336	20.371	303.914
11008.090	12075.742	6.986	8211.505	90.842
1.003	14.680			
3/17/2016 4:45:00 PM	189900.000	133.330	20.382	303.899
11015.649	12081.250	6.989	8215.250	90.780
1.003	14.676			
3/17/2016 5:00:00 PM	190800.000	133.371	20.387	303.993
11013.164	12077.200	6.987	8212.497	90.800
1.003	14.678			
3/17/2016 5:15:00 PM	191700.000	133.340	20.387	303.924
11012.935	12077.035	6.987	8212.384	90.802
1.003	14.682			
3/17/2016 5:30:00 PM	192600.000	133.366	20.386	303.982
11020.650	12085.653	6.992	8218.244	90.739
1.003	14.684			
3/17/2016 5:45:00 PM	193500.000	133.364	20.384	303.978
11019.954	12085.463	6.992	8218.116	90.744
1.003	14.681			
3/17/2016 6:00:00 PM	194400.000	133.383	20.389	304.022
11023.212	12087.863	6.993	8219.747	90.718
1.003	14.678			
3/17/2016 6:15:00 PM	195300.000	133.344	20.380	303.932
11025.054	12092.206	6.996	8222.700	90.703
1.003	14.687			
3/17/2016 6:30:00 PM	196200.000	133.391	20.374	304.039
11018.944	12086.965	6.993	8219.137	90.753
1.003	14.686			
3/17/2016 6:45:00 PM	197100.000	133.361	20.389	303.970
11027.462	12092.325	6.996	8222.781	90.683
1.003	14.687			
3/17/2016 7:00:00 PM	198000.000	133.398	20.383	304.055
11027.207	12093.682	6.997	8223.703	90.685
1.003	14.694			
3/17/2016 7:15:00 PM	198900.000	133.374	20.381	304.000
11024.585	12091.271	6.995	8222.065	90.706
1.003	14.690			

3/17/2016 7:30:00 PM	199800.000	133.403	20.387	304.067
11032.820	12098.932	7.000	8227.274	90.639
1.003	14.693			
3/17/2016 7:45:00 PM	200700.000	133.419	20.395	304.104
11036.943	12101.285	7.002	8228.874	90.605
1.003	14.692			
3/17/2016 8:00:00 PM	201600.000	133.416	20.380	304.096
11032.251	12099.969	7.001	8227.979	90.643
1.003	14.703			
3/17/2016 8:15:00 PM	202500.000	133.433	20.384	304.135
11031.221	12097.730	6.999	8226.458	90.652
1.003	14.701			
3/17/2016 8:30:00 PM	203400.000	133.435	20.386	304.140
11032.633	12098.749	7.000	8227.150	90.640
1.003	14.699			
3/17/2016 8:45:00 PM	204300.000	133.407	20.381	304.077
11034.502	12102.191	7.002	8229.490	90.625
1.003	14.710			
3/17/2016 9:00:00 PM	205200.000	133.412	20.385	304.088
11040.263	12107.560	7.006	8233.141	90.578
1.003	14.704			
3/17/2016 9:15:00 PM	206100.000	133.422	20.387	304.110
11039.576	12106.341	7.005	8232.313	90.583
1.003	14.703			
3/17/2016 9:30:00 PM	207000.000	133.458	20.385	304.192
11034.914	12101.649	7.002	8229.122	90.621
1.003	14.707			
3/17/2016 9:45:00 PM	207900.000	133.426	20.376	304.118
11035.510	12104.515	7.004	8231.070	90.617
1.003	14.709			
3/17/2016 10:00:00 PM	208800.000	133.428	20.395	304.123
11043.515	12108.624	7.006	8233.865	90.551
1.003	14.712			
3/17/2016 10:15:00 PM	209700.000	133.441	20.395	304.153
11040.353	12105.002	7.004	8231.401	90.577
1.003	14.707			
3/17/2016 10:30:00 PM	210600.000	133.472	20.385	304.223
11039.142	12106.243	7.005	8232.245	90.587
1.003	14.710			
3/17/2016 10:45:00 PM	211500.000	133.471	20.393	304.222
11036.659	12101.616	7.002	8229.100	90.607
1.003	14.715			
3/17/2016 11:00:00 PM	212400.000	133.474	20.392	304.228
11036.536	12101.680	7.002	8229.144	90.608
1.003	14.713			
3/17/2016 11:15:00 PM	213300.000	133.467	20.386	304.212
11034.521	12100.863	7.001	8228.587	90.625
1.003	14.710			
3/17/2016 11:30:00 PM	214200.000	133.432	20.394	304.133
11039.866	12104.711	7.004	8231.203	90.581
1.003	14.710			
3/17/2016 11:45:00 PM	215100.000	133.460	20.380	304.196
11038.272	12106.594	7.005	8232.483	90.594
1.003	14.712			
3/18/2016 12:00:00 AM	216000.000	133.447	20.387	304.167
11037.938	12104.367	7.004	8230.971	90.597
1.003	14.714			

3/18/2016 12:15:00 AM	216900.000	133.453	20.377	304.180
11036.893	12105.765	7.004	8231.920	90.605
1.003	14.712			
3/18/2016 12:30:00 AM	217800.000	133.440	20.384	304.152
11033.852	12100.772	7.001	8228.526	90.630
1.003	14.708			
3/18/2016 12:45:00 AM	218700.000	133.441	20.391	304.153
11037.730	12103.232	7.003	8230.199	90.598
1.003	14.707			
3/18/2016 1:00:00 AM	219600.000	133.452	20.388	304.177
11032.479	12098.159	7.000	8226.748	90.641
1.003	14.705			
3/18/2016 1:15:00 AM	220500.000	133.440	20.379	304.152
11032.403	12100.511	7.001	8228.348	90.642
1.003	14.709			
3/18/2016 1:30:00 AM	221400.000	133.434	20.379	304.137
11029.096	12096.682	6.999	8225.743	90.669
1.003	14.708			
3/18/2016 1:45:00 AM	222300.000	133.440	20.384	304.150
11030.981	12097.446	6.999	8226.264	90.654
1.003	14.705			
3/18/2016 2:00:00 AM	223200.000	133.464	20.383	304.205
11031.695	12098.670	7.000	8227.097	90.648
1.003	14.709			
3/18/2016 2:15:00 AM	224100.000	133.464	20.387	304.205
11030.245	12095.932	6.998	8225.234	90.660
1.003	14.710			
3/18/2016 2:30:00 AM	225000.000	133.431	20.381	304.130
11032.986	12100.529	7.001	8228.361	90.637
1.003	14.703			
3/18/2016 2:45:00 AM	225900.000	133.426	20.389	304.118
11031.808	12097.268	6.999	8226.142	90.647
1.003	14.706			
3/18/2016 3:00:00 AM	226800.000	133.428	20.383	304.123
11027.381	12093.786	6.997	8223.775	90.683
1.003	14.705			
3/18/2016 3:15:00 AM	227700.000	133.463	20.380	304.202
11029.773	12097.272	6.999	8226.146	90.664
1.003	14.704			
3/18/2016 3:30:00 AM	228600.000	133.432	20.378	304.134
11023.909	12091.349	6.995	8222.117	90.712
1.003	14.705			
3/18/2016 3:45:00 AM	229500.000	133.430	20.383	304.128
11029.395	12096.104	6.998	8225.353	90.667
1.003	14.703			
3/18/2016 4:00:00 AM	230400.000	133.439	20.383	304.148
11026.360	12092.843	6.996	8223.133	90.692
1.003	14.697			
3/18/2016 4:15:00 AM	231300.000	133.430	20.372	304.129
11025.465	12094.446	6.997	8224.224	90.699
1.003	14.702			
3/18/2016 4:30:00 AM	232200.000	133.441	20.380	304.153
11024.231	12091.216	6.995	8222.026	90.709
1.003	14.696			
3/18/2016 4:45:00 AM	233100.000	133.438	20.383	304.146
11026.349	12092.785	6.996	8223.094	90.692
1.003	14.704			

3/18/2016 5:00:00 AM	234000.000	133.442	20.382	304.155
11024.024	12090.503	6.995	8221.542	90.711
1.003	14.694			
3/18/2016 5:15:00 AM	234900.000	133.445	20.384	304.163
11024.147	12090.062	6.995	8221.243	90.710
1.003	14.713			
3/18/2016 5:30:00 AM	235800.000	133.446	20.391	304.164
11026.447	12090.860	6.995	8221.785	90.691
1.003	14.700			
3/18/2016 5:45:00 AM	236700.000	133.453	20.381	304.181
11022.024	12088.485	6.994	8220.170	90.727
1.003	14.706			
3/18/2016 6:00:00 AM	237600.000	133.450	20.377	304.173
11021.468	12088.869	6.994	8220.432	90.732
1.003	14.709			
3/18/2016 6:15:00 AM	238500.000	133.501	20.385	304.290
11023.298	12088.868	6.994	8220.432	90.717
1.003	14.712			
3/18/2016 6:30:00 AM	239400.000	133.495	20.391	304.275
11022.939	12087.104	6.993	8219.230	90.720
1.003	14.714			
3/18/2016 6:45:00 AM	240300.000	133.467	20.396	304.212
11023.991	12086.843	6.993	8219.054	90.711
1.003	14.714			
3/18/2016 7:00:00 AM	241200.000	133.481	20.390	304.244
11022.018	12086.202	6.992	8218.617	90.727
1.003	14.715			
3/18/2016 7:15:00 AM	242100.000	133.513	20.384	304.317
11021.606	12087.187	6.993	8219.288	90.731
1.003	14.717			
3/18/2016 7:30:00 AM	243000.000	133.481	20.381	304.244
11020.156	12086.373	6.992	8218.733	90.743
1.003	14.725			
3/18/2016 7:45:00 AM	243900.000	133.498	20.387	304.282
11023.463	12088.648	6.994	8220.281	90.716
1.003	14.719			
3/18/2016 8:00:00 AM	244800.000	133.530	20.394	304.357
11022.735	12086.016	6.992	8218.490	90.722
1.003	14.720			
3/18/2016 8:15:00 AM	245700.000	133.505	20.382	304.298
11017.878	12083.783	6.991	8216.974	90.762
1.003	14.720			
3/18/2016 8:30:00 AM	246600.000	133.514	20.403	304.319
11022.378	12083.393	6.991	8216.707	90.725
1.003	14.721			
3/18/2016 8:45:00 AM	247500.000	133.516	20.388	304.324
11023.187	12088.037	6.993	8219.866	90.718
1.003	14.733			
3/18/2016 9:00:00 AM	248400.000	133.519	20.375	304.331
11021.528	12089.402	6.994	8220.795	90.732
1.003	14.730			
3/18/2016 9:15:00 AM	249300.000	133.512	20.394	304.315
11024.860	12088.327	6.994	8220.063	90.704
1.003	14.734			
3/18/2016 9:30:00 AM	250200.000	133.517	20.396	304.327
11026.660	12089.701	6.994	8220.998	90.689
1.003	14.732			

3/18/2016 9:45:00 AM	251100.000	133.518	20.384	304.328
11017.576	12082.966	6.990	8216.417	90.764
1.003	14.733			
3/18/2016 10:00:00 AM	252000.000	133.523	20.386	304.341
11024.191	12089.713	6.994	8221.006	90.710
1.003	14.735			
3/18/2016 10:15:00 AM	252900.000	133.511	20.386	304.313
11018.249	12083.106	6.990	8216.513	90.759
1.003	14.744			
3/18/2016 10:30:00 AM	253800.000	133.527	20.376	304.349
11018.004	12085.292	6.992	8217.999	90.761
1.003	14.739			
3/18/2016 10:45:00 AM	254700.000	133.504	20.384	304.296
11021.659	12087.465	6.993	8219.477	90.730
1.003	14.746			
3/18/2016 11:00:00 AM	255600.000	133.517	20.389	304.326
11022.188	12086.653	6.993	8218.926	90.726
1.003	14.740			
3/18/2016 11:15:00 AM	256500.000	133.510	20.391	304.311
11018.432	12081.960	6.990	8215.732	90.757
1.003	14.739			
3/18/2016 11:30:00 AM	257400.000	133.501	20.382	304.290
11014.439	12079.944	6.988	8214.363	90.790
1.003	14.745			
3/18/2016 11:45:00 AM	258300.000	133.523	20.377	304.341
11014.248	12081.037	6.989	8215.106	90.791
1.003	14.748			
3/18/2016 12:00:00 PM	259200.000	133.469	20.388	304.218
11014.919	12078.858	6.988	8213.624	90.786
1.003	14.751			
3/18/2016 12:15:00 PM	260100.000	133.461	20.380	304.198
11010.710	12076.343	6.986	8211.913	90.821
1.003	14.749			
3/18/2016 12:30:00 PM	261000.000	133.455	20.372	304.186
11012.383	12080.097	6.988	8214.466	90.807
1.003	14.748			
3/18/2016 12:45:00 PM	261900.000	133.472	20.390	304.225
11012.749	12076.104	6.986	8211.751	90.804
1.003	14.753			
3/18/2016 1:00:00 PM	262800.000	133.429	20.382	304.125
11011.779	12077.006	6.986	8212.364	90.812
1.003	14.749			
3/18/2016 1:15:00 PM	263700.000	133.422	20.378	304.111
11008.701	12074.691	6.985	8210.791	90.837
1.003	14.742			
3/18/2016 1:30:00 PM	264600.000	133.410	20.381	304.082
11009.517	12074.746	6.985	8210.828	90.831
1.003	14.746			
3/18/2016 1:45:00 PM	265500.000	133.393	20.381	304.044
11008.562	12073.677	6.984	8210.102	90.838
1.003	14.745			
3/18/2016 2:00:00 PM	266400.000	133.389	20.383	304.034
11006.872	12071.359	6.983	8208.524	90.852
1.003	14.734			
3/18/2016 2:15:00 PM	267300.000	133.367	20.384	303.985
11008.839	12073.362	6.984	8209.888	90.836
1.003	14.739			

3/18/2016 2:30:00 PM	268200.000	133.363	20.384	303.975
11009.336	12073.729	6.984	8210.137	90.832
1.003	14.737			
3/18/2016 2:45:00 PM	269100.000	133.365	20.390	303.980
11009.465	12072.370	6.984	8209.212	90.831
1.003	14.735			
3/18/2016 3:00:00 PM	270000.000	133.329	20.379	303.898
11005.765	12071.181	6.983	8208.403	90.861
1.003	14.731			
3/18/2016 3:15:00 PM	270900.000	133.358	20.386	303.964
11009.698	12073.664	6.984	8210.093	90.829
1.003	14.726			
3/18/2016 3:30:00 PM	271800.000	133.305	20.382	303.843
11006.023	12070.674	6.983	8208.060	90.859
1.003	14.726			
3/18/2016 3:45:00 PM	272700.000	133.337	20.380	303.916
11006.517	12071.786	6.983	8208.814	90.855
1.003	14.725			
3/18/2016 4:00:00 PM	273600.000	133.323	20.392	303.885
11009.854	12072.402	6.984	8209.234	90.828
1.003	14.722			
3/18/2016 4:15:00 PM	274500.000	133.272	20.387	303.767
11003.690	12066.987	6.980	8205.552	90.879
1.003	14.726			
3/18/2016 4:30:00 PM	275400.000	133.262	20.374	303.746
10999.715	12065.716	6.979	8204.688	90.911
1.003	14.731			
3/18/2016 4:45:00 PM	276300.000	133.304	20.386	303.841
11004.892	12068.567	6.981	8206.626	90.869
1.003	14.720			
3/18/2016 5:00:00 PM	277200.000	133.291	20.382	303.812
11002.431	12066.820	6.980	8205.438	90.889
1.003	14.728			
3/18/2016 5:15:00 PM	278100.000	133.258	20.383	303.737
11006.891	12071.356	6.983	8208.522	90.852
1.003	14.722			
3/18/2016 5:30:00 PM	279000.000	133.272	20.386	303.768
11009.975	12074.098	6.985	8210.388	90.827
1.003	14.732			
3/18/2016 5:45:00 PM	279900.000	133.280	20.378	303.785
11012.709	12079.043	6.988	8213.750	90.804
1.003	14.723			
3/18/2016 6:00:00 PM	280800.000	133.248	20.375	303.712
11011.716	12078.726	6.988	8213.533	90.812
1.003	14.725			
3/18/2016 6:15:00 PM	281700.000	133.243	20.389	303.703
11018.743	12082.921	6.990	8216.387	90.754
1.003	14.729			
3/18/2016 6:30:00 PM	282600.000	133.261	20.384	303.743
11016.373	12081.515	6.989	8215.431	90.774
1.003	14.733			
3/18/2016 6:45:00 PM	283500.000	133.261	20.388	303.743
11018.787	12083.191	6.990	8216.571	90.754
1.003	14.732			
3/18/2016 7:00:00 PM	284400.000	133.271	20.383	303.765
11014.727	12080.019	6.988	8214.414	90.788
1.003	14.729			



3/18/2016 7:15:00 PM	285300.000	133.234	20.382	303.682
11022.585	12088.878	6.994	8220.438	90.723
1.003	14.730			
3/18/2016 7:30:00 PM	286200.000	133.231	20.389	303.674
11025.017	12089.801	6.994	8221.064	90.703
1.003	14.735			
3/18/2016 7:45:00 PM	287100.000	133.225	20.387	303.660
11025.094	12090.327	6.995	8221.423	90.702
1.003	14.738			
3/18/2016 8:00:00 PM	288000.000	133.271	20.390	303.765
11023.592	12087.928	6.993	8219.791	90.715
1.003	14.733			
3/18/2016 8:15:00 PM	288900.000	133.235	20.390	303.684
11026.500	12091.139	6.995	8221.976	90.691
1.003	14.740			
3/18/2016 8:30:00 PM	289800.000	133.248	20.384	303.713
11029.960	12096.483	6.999	8225.608	90.662
1.003	14.736			
3/18/2016 8:45:00 PM	290700.000	133.239	20.382	303.693
11032.103	12099.429	7.000	8227.611	90.645
1.003	14.735			
3/18/2016 9:00:00 PM	291600.000	133.246	20.380	303.708
11026.931	12094.196	6.997	8224.055	90.687
1.003	14.743			
3/18/2016 9:15:00 PM	292500.000	133.244	20.381	303.704
11036.948	12104.766	7.004	8231.240	90.605
1.003	14.741			
3/18/2016 9:30:00 PM	293400.000	133.249	20.389	303.717
11037.142	12103.159	7.003	8230.149	90.603
1.003	14.741			
3/18/2016 9:45:00 PM	294300.000	133.276	20.382	303.776
11032.492	12099.612	7.001	8227.736	90.641
1.003	14.743			
3/18/2016 10:00:00 PM	295200.000	133.241	20.382	303.696
11037.821	12105.635	7.004	8231.832	90.598
1.003	14.745			
3/18/2016 10:15:00 PM	296100.000	133.239	20.389	303.692
11041.598	12108.003	7.006	8233.442	90.567
1.003	14.747			
3/18/2016 10:30:00 PM	297000.000	133.244	20.384	303.704
11034.572	12101.541	7.002	8229.048	90.624
1.003	14.749			
3/18/2016 10:45:00 PM	297900.000	133.238	20.390	303.690
11035.000	12100.527	7.001	8228.359	90.621
1.003	14.743			
3/18/2016 11:00:00 PM	298800.000	133.230	20.382	303.672
11036.003	12103.554	7.003	8230.417	90.613
1.003	14.746			
3/18/2016 11:15:00 PM	299700.000	133.232	20.387	303.677
11041.535	12108.422	7.006	8233.727	90.567
1.003	14.741			
3/18/2016 11:30:00 PM	300600.000	133.234	20.383	303.681
11034.959	12102.097	7.002	8229.427	90.621
1.003	14.742			
3/18/2016 11:45:00 PM	301500.000	133.220	20.390	303.649
11042.499	12108.728	7.006	8233.936	90.559
1.003	14.743			

3/19/2016 12:00:00 AM	302400.000	133.219	20.378	303.648
11034.792	12103.175	7.003	8230.160	90.622
1.003	14.741			
3/19/2016 12:15:00 AM	303300.000	133.243	20.383	303.702
11035.948	12103.247	7.003	8230.208	90.613
1.003	14.743			
3/19/2016 12:30:00 AM	304200.000	133.203	20.383	303.612
11040.451	12108.297	7.006	8233.642	90.576
1.003	14.747			
3/19/2016 12:45:00 AM	305100.000	133.203	20.384	303.610
11035.836	12102.814	7.003	8229.915	90.614
1.003	14.748			
3/19/2016 1:00:00 AM	306000.000	133.223	20.387	303.657
11038.767	12105.320	7.004	8231.619	90.590
1.003	14.746			
3/19/2016 1:15:00 AM	306900.000	133.216	20.383	303.640
11038.990	12106.539	7.005	8232.446	90.588
1.003	14.748			
3/19/2016 1:30:00 AM	307800.000	133.205	20.386	303.616
11040.215	12107.087	7.005	8232.819	90.578
1.003	14.749			
3/19/2016 1:45:00 AM	308700.000	133.169	20.382	303.534
11041.776	12110.038	7.007	8234.826	90.565
1.003	14.748			
3/19/2016 2:00:00 AM	309600.000	133.171	20.380	303.538
11036.271	12104.508	7.004	8231.065	90.610
1.003	14.744			
3/19/2016 2:15:00 AM	310500.000	133.153	20.385	303.497
11037.911	12104.894	7.004	8231.329	90.597
1.003	14.746			
3/19/2016 2:30:00 AM	311400.000	133.156	20.389	303.504
11039.686	12105.841	7.005	8231.972	90.582
1.003	14.749			
3/19/2016 2:45:00 AM	312300.000	133.153	20.387	303.496
11034.788	12100.891	7.001	8228.606	90.622
1.003	14.741			
3/19/2016 3:00:00 AM	313200.000	133.133	20.392	303.450
11034.684	12099.648	7.001	8227.762	90.623
1.003	14.742			
3/19/2016 3:15:00 AM	314100.000	133.140	20.380	303.466
11032.443	12100.222	7.001	8228.150	90.642
1.003	14.748			
3/19/2016 3:30:00 AM	315000.000	133.122	20.392	303.425
11036.178	12101.153	7.002	8228.784	90.611
1.003	14.745			
3/19/2016 3:45:00 AM	315900.000	133.121	20.383	303.423
11034.195	12101.236	7.002	8228.841	90.627
1.003	14.749			
3/19/2016 4:00:00 AM	316800.000	133.124	20.383	303.431
11036.362	12103.636	7.003	8230.474	90.610
1.003	14.742			
3/19/2016 4:15:00 AM	317700.000	133.121	20.389	303.423
11034.600	12100.241	7.001	8228.165	90.624
1.003	14.746			
3/19/2016 4:30:00 AM	318600.000	133.116	20.389	303.413
11034.215	12099.798	7.001	8227.862	90.627
1.003	14.750			

3/19/2016 4:45:00 AM	319500.000	133.117	20.387	303.416
11033.309	12099.400	7.000	8227.594	90.635
1.003	14.743			
3/19/2016 5:00:00 AM	320400.000	133.122	20.383	303.426
11030.338	12097.160	6.999	8226.069	90.659
1.003	14.745			
3/19/2016 5:15:00 AM	321300.000	133.124	20.390	303.432
11037.402	12103.028	7.003	8230.060	90.601
1.003	14.747			
3/19/2016 5:30:00 AM	322200.000	133.114	20.391	303.407
11036.731	12102.158	7.002	8229.469	90.607
1.003	14.749			
3/19/2016 5:45:00 AM	323100.000	133.118	20.384	303.417
11027.200	12093.542	6.997	8223.609	90.685
1.003	14.745			
3/19/2016 6:00:00 AM	324000.000	133.136	20.375	303.457
11027.324	12095.869	6.998	8225.192	90.684
1.003	14.748			
3/19/2016 6:15:00 AM	324900.000	133.129	20.374	303.442
11027.294	12095.946	6.998	8225.243	90.684
1.003	14.757			
3/19/2016 6:30:00 AM	325800.000	133.135	20.385	303.456
11036.534	12103.447	7.003	8230.344	90.608
1.003	14.755			
3/19/2016 6:45:00 AM	326700.000	133.140	20.386	303.467
11028.969	12094.731	6.998	8224.418	90.670
1.003	14.752			
3/19/2016 7:00:00 AM	327600.000	133.147	20.384	303.482
11031.991	12098.732	7.000	8227.139	90.645
1.003	14.749			
3/19/2016 7:15:00 AM	328500.000	133.148	20.379	303.486
11033.313	12101.396	7.002	8228.949	90.635
1.003	14.755			
3/19/2016 7:30:00 AM	329400.000	133.161	20.391	303.515
11035.600	12100.826	7.001	8228.563	90.616
1.003	14.754			
3/19/2016 7:45:00 AM	330300.000	133.159	20.390	303.511
11033.668	12099.109	7.000	8227.396	90.632
1.003	14.764			
3/19/2016 8:00:00 AM	331200.000	133.160	20.390	303.514
11035.606	12101.169	7.002	8228.795	90.616
1.003	14.764			
3/19/2016 8:15:00 AM	332100.000	133.182	20.389	303.563
11029.500	12094.583	6.997	8224.316	90.666
1.003	14.760			
3/19/2016 8:30:00 AM	333000.000	133.187	20.396	303.575
11031.758	12095.400	6.998	8224.873	90.647
1.003	14.762			
3/19/2016 8:45:00 AM	333900.000	133.194	20.381	303.590
11028.438	12095.432	6.998	8224.894	90.675
1.003	14.762			
3/19/2016 9:00:00 AM	334800.000	133.199	20.389	303.602
11035.309	12100.953	7.001	8228.649	90.618
1.003	14.768			
3/19/2016 9:15:00 AM	335700.000	133.230	20.390	303.672
11033.947	12099.283	7.000	8227.514	90.629
1.003	14.763			

3/19/2016 9:30:00 AM	336600.000	133.203	20.386	303.611
11033.590	12100.040	7.001	8228.027	90.632
1.003	14.767			
3/19/2016 9:45:00 AM	337500.000	133.237	20.373	303.689
11026.758	12095.733	6.998	8225.099	90.688
1.003	14.764			
3/19/2016 10:00:00 AM	338400.000	133.205	20.379	303.615
11028.187	12095.752	6.998	8225.112	90.677
1.003	14.765			
3/19/2016 10:15:00 AM	339300.000	133.243	20.384	303.701
11028.663	12095.125	6.998	8224.686	90.673
1.003	14.768			
3/19/2016 10:30:00 AM	340200.000	133.210	20.386	303.627
11027.005	12092.643	6.996	8222.998	90.686
1.003	14.773			
3/19/2016 10:45:00 AM	341100.000	133.210	20.375	303.626
11030.120	12098.848	7.000	8227.217	90.661
1.003	14.766			
3/19/2016 11:00:00 AM	342000.000	133.226	20.378	303.662
11027.003	12094.676	6.997	8224.381	90.686
1.003	14.768			
3/19/2016 11:15:00 AM	342900.000	133.244	20.385	303.704
11033.140	12099.612	7.001	8227.736	90.636
1.003	14.765			
3/19/2016 11:30:00 AM	343800.000	133.238	20.393	303.690
11031.337	12095.712	6.998	8225.084	90.651
1.003	14.766			
3/19/2016 11:45:00 AM	344700.000	133.198	20.385	303.598
11032.253	12098.819	7.000	8227.197	90.643
1.003	14.767			
3/19/2016 12:00:00 PM	345600.000	133.200	20.386	303.604
11031.480	12097.706	6.999	8226.440	90.650
1.003	14.767			
3/19/2016 12:15:00 PM	346500.000	133.190	20.390	303.582
11028.464	12093.313	6.997	8223.453	90.674
1.003	14.765			
3/19/2016 12:30:00 PM	347400.000	133.188	20.374	303.577
11024.202	12092.665	6.996	8223.013	90.710
1.003	14.764			
3/19/2016 12:45:00 PM	348300.000	133.179	20.368	303.555
11021.021	12090.745	6.995	8221.707	90.736
1.003	14.760			
3/19/2016 1:00:00 PM	349200.000	133.164	20.389	303.521
11020.940	12085.394	6.992	8218.068	90.736
1.003	14.767			
3/19/2016 1:15:00 PM	350100.000	133.180	20.373	303.559
11018.152	12086.314	6.992	8218.694	90.759
1.003	14.766			
3/19/2016 1:30:00 PM	351000.000	133.132	20.390	303.450
11024.680	12089.253	6.994	8220.692	90.706
1.003	14.769			
3/19/2016 1:45:00 PM	351900.000	133.117	20.377	303.414
11019.262	12086.474	6.992	8218.803	90.750
1.003	14.766			
3/19/2016 2:00:00 PM	352800.000	133.114	20.389	303.408
11025.387	12090.248	6.995	8221.370	90.700
1.003	14.764			

3/19/2016 2:15:00 PM	353700.000	133.089	20.383	303.350
11021.392	12087.370	6.993	8219.413	90.733
1.003	14.767			
3/19/2016 2:30:00 PM	354600.000	133.087	20.382	303.347
11015.779	12081.435	6.989	8215.376	90.779
1.003	14.762			
3/19/2016 2:45:00 PM	355500.000	133.069	20.383	303.306
11015.211	12080.481	6.989	8214.729	90.784
1.003	14.759			
3/19/2016 3:00:00 PM	356400.000	133.087	20.388	303.347
11016.757	12081.074	6.989	8215.131	90.771
1.003	14.763			
3/19/2016 3:15:00 PM	357300.000	133.050	20.377	303.262
11016.110	12083.125	6.990	8216.526	90.776
1.003	14.754			
3/19/2016 3:30:00 PM	358200.000	133.041	20.374	303.241
11010.775	12077.981	6.987	8213.028	90.820
1.003	14.751			
3/19/2016 3:45:00 PM	359100.000	133.025	20.379	303.205
11014.608	12080.815	6.989	8214.954	90.789
1.003	14.750			
3/19/2016 4:00:00 PM	360000.000	133.005	20.377	303.160
11016.681	12083.706	6.991	8216.920	90.771
1.003	14.757			
3/19/2016 4:15:00 PM	360900.000	132.992	20.374	303.131
11012.875	12080.173	6.988	8214.518	90.803
1.003	14.752			
3/19/2016 4:30:00 PM	361800.000	132.985	20.375	303.115
11013.807	12080.998	6.989	8215.079	90.795
1.003	14.751			
3/19/2016 4:45:00 PM	362700.000	132.983	20.374	303.110
11013.522	12080.840	6.989	8214.972	90.797
1.003	14.744			
3/19/2016 5:00:00 PM	363600.000	132.967	20.372	303.072
11009.840	12077.397	6.987	8212.630	90.828
1.003	14.748			
3/19/2016 5:15:00 PM	364500.000	132.952	20.383	303.038
11014.637	12079.875	6.988	8214.315	90.788
1.003	14.746			
3/19/2016 5:30:00 PM	365400.000	132.947	20.372	303.027
11010.604	12078.170	6.987	8213.155	90.822
1.003	14.750			
3/19/2016 5:45:00 PM	366300.000	132.968	20.377	303.074
11017.574	12084.686	6.991	8217.587	90.764
1.003	14.748			
3/19/2016 6:00:00 PM	367200.000	132.929	20.380	302.985
11013.920	12079.751	6.988	8214.230	90.794
1.003	14.743			
3/19/2016 6:15:00 PM	368100.000	132.937	20.382	303.005
11017.520	12083.369	6.990	8216.692	90.765
1.003	14.745			
3/19/2016 6:30:00 PM	369000.000	132.956	20.386	303.049
11020.221	12085.358	6.992	8218.044	90.742
1.003	14.745			
3/19/2016 6:45:00 PM	369900.000	132.922	20.381	302.970
11022.276	12088.719	6.994	8220.329	90.725
1.003	14.747			

3/19/2016 7:00:00 PM	370800.000	132.929	20.376	302.987
11023.272	12091.225	6.995	8222.033	90.717
1.003	14.745			
3/19/2016 7:15:00 PM	371700.000	132.917	20.392	302.959
11030.583	12095.085	6.998	8224.659	90.657
1.003	14.743			
3/19/2016 7:30:00 PM	372600.000	132.968	20.388	303.075
11027.248	12092.357	6.996	8222.803	90.684
1.003	14.741			
3/19/2016 7:45:00 PM	373500.000	132.927	20.378	302.982
11027.146	12094.854	6.998	8224.502	90.685
1.003	14.743			
3/19/2016 8:00:00 PM	374400.000	132.922	20.376	302.970
11030.870	12099.469	7.000	8227.640	90.655
1.003	14.750			
3/19/2016 8:15:00 PM	375300.000	132.930	20.384	302.988
11032.494	12099.216	7.000	8227.468	90.641
1.003	14.751			
3/19/2016 8:30:00 PM	376200.000	132.938	20.392	303.007
11036.458	12101.594	7.002	8229.084	90.609
1.003	14.746			
3/19/2016 8:45:00 PM	377100.000	132.947	20.385	303.028
11033.738	12100.248	7.001	8228.170	90.631
1.003	14.753			
3/19/2016 9:00:00 PM	378000.000	132.956	20.383	303.048
11038.438	12106.000	7.005	8232.080	90.593
1.003	14.752			
3/19/2016 9:15:00 PM	378900.000	132.941	20.385	303.013
11037.294	12104.238	7.003	8230.883	90.602
1.003	14.758			
3/19/2016 9:30:00 PM	379800.000	132.952	20.386	303.039
11043.111	12110.349	7.007	8235.038	90.554
1.003	14.759			
3/19/2016 9:45:00 PM	380700.000	132.950	20.380	303.035
11042.540	12111.206	7.008	8235.620	90.559
1.003	14.761			
3/19/2016 10:00:00 PM	381600.000	132.963	20.375	303.065
11041.104	12111.006	7.008	8235.485	90.571
1.003	14.759			
3/19/2016 10:15:00 PM	382500.000	132.972	20.382	303.083
11041.174	12109.312	7.007	8234.332	90.570
1.003	14.759			
3/19/2016 10:30:00 PM	383400.000	132.977	20.386	303.095
11049.289	12117.190	7.012	8239.689	90.504
1.003	14.759			
3/19/2016 10:45:00 PM	384300.000	133.017	20.388	303.187
11050.195	12117.563	7.012	8239.943	90.496
1.003	14.754			
3/19/2016 11:00:00 PM	385200.000	132.974	20.385	303.089
11050.106	12118.177	7.012	8240.361	90.497
1.003	14.766			
3/19/2016 11:15:00 PM	386100.000	132.976	20.384	303.094
11051.040	12119.578	7.013	8241.313	90.489
1.003	14.764			
3/19/2016 11:30:00 PM	387000.000	132.972	20.378	303.084
11042.479	12111.718	7.008	8235.969	90.559
1.003	14.764			

3/19/2016 11:45:00 PM	387900.000	132.985	20.374	303.114
11047.318	12118.022	7.012	8240.255	90.520
1.003	14.767			
3/20/2016 12:00:00 AM	388800.000	132.974	20.386	303.090
11044.042	12111.393	7.008	8235.747	90.547
1.003	14.765			
3/20/2016 12:15:00 AM	389700.000	132.977	20.386	303.096
11045.737	12113.164	7.009	8236.952	90.533
1.003	14.763			
3/20/2016 12:30:00 AM	390600.000	132.963	20.375	303.063
11044.349	12114.609	7.010	8237.936	90.544
1.003	14.768			
3/20/2016 12:45:00 AM	391500.000	133.012	20.379	303.176
11043.668	12112.865	7.009	8236.749	90.550
1.003	14.764			
3/20/2016 1:00:00 AM	392400.000	132.971	20.381	303.082
11045.108	12113.937	7.010	8237.478	90.538
1.003	14.768			
3/20/2016 1:15:00 AM	393300.000	132.972	20.381	303.085
11048.486	12117.552	7.012	8239.936	90.510
1.003	14.765			
3/20/2016 1:30:00 AM	394200.000	132.955	20.380	303.044
11048.205	12117.488	7.012	8239.893	90.512
1.003	14.764			
3/20/2016 1:45:00 AM	395100.000	132.963	20.381	303.064
11050.525	12119.812	7.013	8241.473	90.493
1.003	14.765			
3/20/2016 2:00:00 AM	396000.000	132.987	20.386	303.119
11049.289	12117.060	7.011	8239.602	90.504
1.003	14.770			
3/20/2016 2:15:00 AM	396900.000	132.949	20.380	303.032
11044.306	12113.122	7.009	8236.923	90.544
1.003	14.767			
3/20/2016 2:30:00 AM	397800.000	132.942	20.380	303.016
11042.329	12111.153	7.008	8235.584	90.561
1.003	14.770			
3/20/2016 2:45:00 AM	398700.000	132.943	20.381	303.018
11050.636	12119.909	7.013	8241.538	90.493
1.003	14.775			
3/20/2016 3:00:00 AM	399600.000	132.943	20.377	303.018
11043.699	12113.210	7.009	8236.982	90.549
1.003	14.767			
3/20/2016 3:15:00 AM	400500.000	132.930	20.377	302.988
11044.579	12114.306	7.010	8237.729	90.542
1.003	14.773			
3/20/2016 3:30:00 AM	401400.000	132.931	20.389	302.992
11047.556	12114.427	7.010	8237.812	90.518
1.003	14.765			
3/20/2016 3:45:00 AM	402300.000	132.919	20.388	302.964
11047.208	12114.468	7.010	8237.839	90.521
1.003	14.763			
3/20/2016 4:00:00 AM	403200.000	132.930	20.384	302.989
11042.840	12110.673	7.007	8235.258	90.556
1.003	14.758			
3/20/2016 4:15:00 AM	404100.000	132.959	20.383	303.055
11038.177	12105.757	7.004	8231.915	90.595
1.003	14.762			

3/20/2016 4:30:00 AM	405000.000	132.904	20.383	302.929
11046.343	12114.692	7.010	8237.991	90.528
1.003	14.763			
3/20/2016 4:45:00 AM	405900.000	132.923	20.388	302.973
11040.597	12107.173	7.005	8232.879	90.575
1.003	14.766			
3/20/2016 5:00:00 AM	406800.000	132.928	20.384	302.983
11039.999	12107.578	7.006	8233.153	90.580
1.003	14.758			
3/20/2016 5:15:00 AM	407700.000	132.918	20.375	302.962
11045.879	12116.112	7.011	8238.956	90.532
1.003	14.758			
3/20/2016 5:30:00 AM	408600.000	132.916	20.374	302.957
11042.492	12112.729	7.009	8236.655	90.559
1.003	14.762			
3/20/2016 5:45:00 AM	409500.000	132.911	20.372	302.946
11041.638	12112.278	7.008	8236.350	90.566
1.003	14.767			
3/20/2016 6:00:00 AM	410400.000	132.909	20.382	302.941
11047.813	12116.593	7.011	8239.283	90.516
1.003	14.765			
3/20/2016 6:15:00 AM	411300.000	132.922	20.385	302.970
11042.697	12110.252	7.007	8234.972	90.558
1.003	14.762			
3/20/2016 6:30:00 AM	412200.000	132.926	20.382	302.979
11041.494	12109.638	7.007	8234.555	90.567
1.003	14.759			
3/20/2016 6:45:00 AM	413100.000	132.923	20.383	302.971
11047.391	12115.842	7.011	8238.772	90.519
1.003	14.766			
3/20/2016 7:00:00 AM	414000.000	132.925	20.375	302.976
11043.580	12113.678	7.009	8237.301	90.550
1.003	14.767			
3/20/2016 7:15:00 AM	414900.000	132.968	20.375	303.074
11049.366	12119.892	7.013	8241.526	90.503
1.003	14.766			
3/20/2016 7:30:00 AM	415800.000	132.942	20.385	303.015
11044.250	12111.977	7.008	8236.145	90.545
1.003	14.761			
3/20/2016 7:45:00 AM	416700.000	132.944	20.376	303.021
11046.521	12116.637	7.011	8239.314	90.526
1.003	14.762			
3/20/2016 8:00:00 AM	417600.000	132.946	20.378	303.025
11046.967	12116.505	7.011	8239.225	90.523
1.003	14.771			
3/20/2016 8:15:00 AM	418500.000	132.960	20.388	303.056
11051.765	12119.396	7.013	8241.190	90.483
1.003	14.769			
3/20/2016 8:30:00 AM	419400.000	132.959	20.387	303.056
11052.535	12120.375	7.014	8241.855	90.477
1.003	14.769			
3/20/2016 8:45:00 AM	420300.000	132.975	20.382	303.092
11054.261	12123.618	7.016	8244.061	90.463
1.003	14.770			
3/20/2016 9:00:00 AM	421200.000	132.972	20.382	303.084
11056.979	12126.668	7.017	8246.135	90.441
1.003	14.772			



3/20/2016 9:15:00 AM	422100.000	132.984	20.384	303.111
11060.054	12129.330	7.019	8247.945	90.415
1.003	14.772			
3/20/2016 9:30:00 AM	423000.000	133.002	20.389	303.153
11056.755	12124.515	7.016	8244.670	90.442
1.003	14.767			
3/20/2016 9:45:00 AM	423900.000	133.039	20.385	303.237
11058.968	12127.985	7.018	8247.030	90.424
1.003	14.771			
3/20/2016 10:00:00 AM	424800.000	133.007	20.387	303.164
11057.319	12125.688	7.017	8245.468	90.438
1.003	14.773			
3/20/2016 10:15:00 AM	425700.000	133.017	20.393	303.186
11061.045	12128.333	7.019	8247.267	90.407
1.003	14.767			
3/20/2016 10:30:00 AM	426600.000	133.047	20.395	303.255
11058.552	12124.999	7.016	8245.000	90.428
1.003	14.773			
3/20/2016 10:45:00 AM	427500.000	133.032	20.389	303.221
11058.117	12126.053	7.017	8245.716	90.431
1.003	14.774			
3/20/2016 11:00:00 AM	428400.000	133.032	20.390	303.220
11057.563	12125.135	7.017	8245.093	90.436
1.003	14.770			
3/20/2016 11:15:00 AM	429300.000	133.038	20.384	303.235
11054.872	12123.804	7.016	8244.188	90.458
1.003	14.767			
3/20/2016 11:30:00 AM	430200.000	133.058	20.388	303.281
11059.650	12128.002	7.018	8247.042	90.419
1.003	14.773			
3/20/2016 11:45:00 AM	431100.000	133.032	20.394	303.221
11060.931	12127.938	7.018	8246.999	90.408
1.003	14.770			
3/20/2016 12:00:00 PM	432000.000	133.033	20.386	303.223
11054.564	12123.021	7.015	8243.654	90.460
1.003	14.769			
3/20/2016 12:15:00 PM	432900.000	133.037	20.380	303.232
11060.617	12131.102	7.020	8249.150	90.411
1.003	14.775			
3/20/2016 12:30:00 PM	433800.000	133.062	20.391	303.289
11055.713	12122.881	7.015	8243.559	90.451
1.003	14.774			
3/20/2016 12:45:00 PM	434700.000	133.027	20.393	303.209
11060.271	12127.485	7.018	8246.690	90.414
1.003	14.778			
3/20/2016 1:00:00 PM	435600.000	133.022	20.380	303.197
11054.083	12124.023	7.016	8244.336	90.464
1.003	14.781			
3/20/2016 1:15:00 PM	436500.000	133.021	20.379	303.197
11052.393	12122.233	7.015	8243.119	90.478
1.003	14.773			
3/20/2016 1:30:00 PM	437400.000	133.012	20.380	303.176
11056.687	12126.879	7.018	8246.277	90.443
1.003	14.773			
3/20/2016 1:45:00 PM	438300.000	133.008	20.391	303.167
11052.677	12119.622	7.013	8241.344	90.476
1.003	14.771			

3/20/2016 2:00:00 PM	439200.000	133.011	20.392	303.172
11055.394	12122.356	7.015	8243.202	90.454
1.003	14.771			
3/20/2016 2:15:00 PM	440100.000	132.998	20.385	303.144
11054.464	12122.955	7.015	8243.609	90.461
1.003	14.764			
3/20/2016 2:30:00 PM	441000.000	133.017	20.393	303.187
11056.621	12123.525	7.016	8243.998	90.444
1.003	14.771			
3/20/2016 2:45:00 PM	441900.000	132.983	20.389	303.110
11059.626	12127.815	7.018	8246.916	90.419
1.003	14.766			
3/20/2016 3:00:00 PM	442800.000	132.967	20.387	303.073
11056.779	12124.985	7.016	8244.990	90.442
1.003	14.766			
3/20/2016 3:15:00 PM	443700.000	132.955	20.384	303.045
11058.024	12127.238	7.018	8246.522	90.432
1.003	14.763			
3/20/2016 3:30:00 PM	444600.000	132.944	20.380	303.020
11053.781	12123.714	7.016	8244.126	90.467
1.003	14.764			
3/20/2016 3:45:00 PM	445500.000	132.928	20.375	302.984
11045.015	12115.363	7.010	8238.447	90.539
1.003	14.771			
3/20/2016 4:00:00 PM	446400.000	132.929	20.378	302.987
11057.127	12127.672	7.018	8246.817	90.439
1.003	14.760			
3/20/2016 4:15:00 PM	447300.000	132.919	20.370	302.964
11048.345	12120.056	7.013	8241.639	90.511
1.003	14.764			
3/20/2016 4:30:00 PM	448200.000	132.913	20.391	302.949
11057.249	12124.657	7.016	8244.768	90.438
1.003	14.760			
3/20/2016 4:45:00 PM	449100.000	132.898	20.377	302.916
11056.335	12127.180	7.018	8246.482	90.446
1.003	14.770			
3/20/2016 5:00:00 PM	450000.000	132.889	20.383	302.895
11051.438	12120.169	7.013	8241.716	90.486
1.003	14.767			
3/20/2016 5:15:00 PM	450900.000	132.881	20.384	302.878
11053.103	12121.863	7.014	8242.867	90.472
1.003	14.768			
3/20/2016 5:30:00 PM	451800.000	132.880	20.386	302.875
11055.814	12124.171	7.016	8244.438	90.450
1.003	14.763			
3/20/2016 5:45:00 PM	452700.000	132.867	20.393	302.844
11054.796	12121.460	7.014	8242.593	90.458
1.003	14.761			
3/20/2016 6:00:00 PM	453600.000	132.879	20.377	302.872
11052.807	12123.376	7.015	8243.896	90.475
1.003	14.763			
3/20/2016 6:15:00 PM	454500.000	132.869	20.386	302.849
11059.042	12127.798	7.018	8246.902	90.424
1.003	14.764			
3/20/2016 6:30:00 PM	455400.000	132.855	20.380	302.818
11058.541	12128.756	7.019	8247.554	90.428
1.003	14.767			

3/20/2016 6:45:00 PM	456300.000	132.864	20.378	302.838
11055.632	12126.122	7.017	8245.763	90.452
1.003	14.769			
3/20/2016 7:00:00 PM	457200.000	132.860	20.381	302.829
11060.990	12131.332	7.020	8249.306	90.408
1.003	14.769			
3/20/2016 7:15:00 PM	458100.000	132.860	20.376	302.829
11063.854	12135.604	7.023	8252.212	90.384
1.003	14.774			
3/20/2016 7:30:00 PM	459000.000	132.896	20.389	302.911
11066.920	12135.729	7.023	8252.297	90.359
1.003	14.768			
3/20/2016 7:45:00 PM	459900.000	132.868	20.383	302.847
11071.027	12141.630	7.027	8256.309	90.326
1.003	14.768			
3/20/2016 8:00:00 PM	460800.000	132.869	20.383	302.850
11066.777	12137.014	7.024	8253.169	90.361
1.003	14.770			
3/20/2016 8:15:00 PM	461700.000	132.912	20.381	302.947
11068.252	12139.275	7.025	8254.707	90.349
1.003	14.775			
3/20/2016 8:30:00 PM	462600.000	132.871	20.392	302.854
11076.622	12145.655	7.029	8259.047	90.280
1.003	14.784			
3/20/2016 8:45:00 PM	463500.000	132.931	20.383	302.991
11074.487	12145.601	7.029	8259.010	90.298
1.003	14.774			
3/20/2016 9:00:00 PM	464400.000	132.905	20.383	302.930
11070.486	12141.260	7.027	8256.057	90.330
1.003	14.776			
3/20/2016 9:15:00 PM	465300.000	132.900	20.385	302.920
11073.021	12143.349	7.028	8257.478	90.310
1.003	14.775			
3/20/2016 9:30:00 PM	466200.000	132.913	20.382	302.950
11077.494	12149.032	7.031	8261.342	90.273
1.003	14.771			
3/20/2016 9:45:00 PM	467100.000	132.925	20.386	302.976
11080.323	12151.290	7.033	8262.878	90.250
1.003	14.767			
3/20/2016 10:00:00 PM	468000.000	132.935	20.386	303.000
11077.659	12148.348	7.031	8260.878	90.272
1.003	14.773			
3/20/2016 10:15:00 PM	468900.000	132.929	20.375	302.986
11083.586	12157.649	7.037	8267.202	90.224
1.003	14.774			
3/20/2016 10:30:00 PM	469800.000	132.947	20.385	303.027
11087.693	12159.620	7.038	8268.542	90.190
1.003	14.776			
3/20/2016 10:45:00 PM	470700.000	132.959	20.383	303.054
11085.831	12157.910	7.037	8267.380	90.205
1.003	14.779			
3/20/2016 11:00:00 PM	471600.000	132.956	20.384	303.049
11086.176	12158.111	7.037	8267.517	90.202
1.003	14.779			
3/20/2016 11:15:00 PM	472500.000	132.965	20.382	303.068
11082.881	12155.098	7.035	8265.468	90.229
1.003	14.781			

3/20/2016 11:30:00 PM	473400.000	132.966	20.383	303.070
11086.796	12159.013	7.038	8268.129	90.197
1.003	14.782			
3/20/2016 11:45:00 PM	474300.000	132.980	20.395	303.102
11089.610	12158.941	7.038	8268.081	90.174
1.003	14.782			
3/21/2016 12:00:00 AM	475200.000	132.974	20.389	303.088
11091.946	12163.258	7.040	8271.017	90.156
1.003	14.779			
3/21/2016 12:15:00 AM	476100.000	132.992	20.387	303.129
11091.034	12162.549	7.040	8270.533	90.163
1.003	14.775			
3/21/2016 12:30:00 AM	477000.000	133.000	20.387	303.148
11088.894	12160.202	7.038	8268.938	90.180
1.003	14.777			
3/21/2016 12:45:00 AM	477900.000	133.038	20.380	303.235
11090.537	12163.806	7.041	8271.388	90.167
1.003	14.768			
3/21/2016 1:00:00 AM	478800.000	132.995	20.385	303.136
11089.982	12161.973	7.040	8270.142	90.171
1.003	14.780			
3/21/2016 1:15:00 AM	479700.000	133.042	20.378	303.243
11091.306	12165.250	7.042	8272.370	90.161
1.003	14.774			
3/21/2016 1:30:00 AM	480600.000	133.007	20.381	303.164
11085.327	12158.024	7.037	8267.457	90.209
1.003	14.778			
3/21/2016 1:45:00 AM	481500.000	133.014	20.388	303.181
11091.183	12162.622	7.040	8270.583	90.162
1.003	14.781			
3/21/2016 2:00:00 AM	482400.000	133.015	20.387	303.181
11091.585	12163.309	7.040	8271.051	90.158
1.003	14.787			
3/21/2016 2:15:00 AM	483300.000	133.007	20.383	303.165
11086.502	12158.667	7.037	8267.894	90.200
1.003	14.785			
3/21/2016 2:30:00 AM	484200.000	132.996	20.386	303.139
11086.197	12157.513	7.037	8267.109	90.202
1.003	14.783			
3/21/2016 2:45:00 AM	485100.000	133.006	20.383	303.161
11090.053	12162.672	7.040	8270.617	90.171
1.003	14.779			
3/21/2016 3:00:00 AM	486000.000	133.042	20.388	303.245
11083.843	12154.573	7.035	8265.111	90.221
1.003	14.781			
3/21/2016 3:15:00 AM	486900.000	133.004	20.382	303.158
11087.856	12160.576	7.039	8269.191	90.189
1.003	14.781			
3/21/2016 3:30:00 AM	487800.000	132.996	20.388	303.140
11087.751	12158.816	7.038	8267.996	90.190
1.003	14.787			
3/21/2016 3:45:00 AM	488700.000	132.985	20.378	303.113
11078.072	12150.757	7.032	8262.515	90.268
1.003	14.783			
3/21/2016 4:00:00 AM	489600.000	132.995	20.387	303.136
11080.497	12151.104	7.033	8262.752	90.249
1.003	14.778			

3/21/2016 4:15:00 AM	490500.000	132.989	20.381	303.122
11084.931	12157.546	7.037	8267.131	90.213
1.003	14.783			
3/21/2016 4:30:00 AM	491400.000	132.978	20.385	303.097
11083.549	12155.075	7.035	8265.451	90.224
1.003	14.784			
3/21/2016 4:45:00 AM	492300.000	132.992	20.385	303.129
11086.088	12157.657	7.037	8267.207	90.203
1.003	14.783			
3/21/2016 5:00:00 AM	493200.000	132.986	20.378	303.116
11083.775	12157.078	7.036	8266.814	90.222
1.003	14.786			
3/21/2016 5:15:00 AM	494100.000	132.973	20.387	303.086
11083.422	12154.333	7.035	8264.947	90.225
1.003	14.784			
3/21/2016 5:30:00 AM	495000.000	132.975	20.386	303.091
11076.480	12147.031	7.030	8259.982	90.281
1.003	14.780			
3/21/2016 5:45:00 AM	495900.000	132.963	20.390	303.064
11077.520	12147.105	7.030	8260.032	90.273
1.003	14.790			
3/21/2016 6:00:00 AM	496800.000	132.985	20.383	303.114
11077.349	12148.739	7.031	8261.143	90.274
1.003	14.779			
3/21/2016 6:15:00 AM	497700.000	132.982	20.387	303.108
11076.161	12146.328	7.030	8259.503	90.284
1.003	14.785			
3/21/2016 6:30:00 AM	498600.000	132.977	20.386	303.096
11075.826	12146.140	7.030	8259.376	90.287
1.003	14.789			
3/21/2016 6:45:00 AM	499500.000	132.982	20.385	303.107
11081.604	12152.811	7.034	8263.911	90.240
1.003	14.787			
3/21/2016 7:00:00 AM	500400.000	132.991	20.380	303.128
11076.466	12148.463	7.031	8260.956	90.282
1.003	14.784			
3/21/2016 7:15:00 AM	501300.000	132.987	20.386	303.119
11078.301	12149.028	7.031	8261.339	90.267
1.003	14.785			
3/21/2016 7:30:00 AM	502200.000	132.997	20.385	303.140
11073.355	12143.694	7.028	8257.712	90.307
1.003	14.786			
3/21/2016 7:45:00 AM	503100.000	132.996	20.394	303.138
11080.341	12149.221	7.032	8261.470	90.250
1.003	14.790			
3/21/2016 8:00:00 AM	504000.000	133.002	20.387	303.153
11073.392	12143.291	7.028	8257.438	90.307
1.003	14.794			
3/21/2016 8:15:00 AM	504900.000	133.011	20.386	303.174
11082.271	12153.251	7.034	8264.212	90.234
1.003	14.793			
3/21/2016 8:30:00 AM	505800.000	133.051	20.386	303.263
11080.148	12150.988	7.033	8262.673	90.251
1.003	14.787			
3/21/2016 8:45:00 AM	506700.000	133.015	20.395	303.182
11084.036	12152.829	7.034	8263.925	90.220
1.003	14.797			

3/21/2016 9:00:00 AM	507600.000	133.036	20.383	303.230
11081.945	12153.692	7.034	8264.511	90.237
1.003	14.798			
3/21/2016 9:15:00 AM	508500.000	133.036	20.384	303.231
11074.519	12145.393	7.029	8258.867	90.297
1.003	14.798			
3/21/2016 9:30:00 AM	509400.000	133.040	20.381	303.240
11076.555	12148.270	7.031	8260.823	90.281
1.003	14.800			
3/21/2016 9:45:00 AM	510300.000	133.051	20.379	303.263
11076.313	12148.514	7.031	8260.989	90.283
1.003	14.799			
3/21/2016 10:00:00 AM	511200.000	133.051	20.387	303.264
11081.297	12151.938	7.033	8263.319	90.242
1.003	14.800			
3/21/2016 10:15:00 AM	512100.000	133.064	20.381	303.295
11081.963	12154.201	7.035	8264.857	90.237
1.003	14.805			
3/21/2016 10:30:00 AM	513000.000	133.061	20.380	303.286
11079.019	12151.326	7.033	8262.902	90.261
1.003	14.800			
3/21/2016 10:45:00 AM	513900.000	133.077	20.384	303.325
11079.591	12150.777	7.033	8262.528	90.256
1.003	14.799			
3/21/2016 11:00:00 AM	514800.000	133.103	20.392	303.382
11086.309	12156.298	7.036	8266.283	90.201
1.003	14.807			
3/21/2016 11:15:00 AM	515700.000	133.079	20.388	303.328
11078.971	12149.254	7.032	8261.494	90.261
1.003	14.802			
3/21/2016 11:30:00 AM	516600.000	133.074	20.388	303.316
11080.351	12150.610	7.032	8262.416	90.250
1.003	14.806			
3/21/2016 11:45:00 AM	517500.000	133.083	20.372	303.338
11076.733	12150.687	7.032	8262.468	90.279
1.003	14.802			
3/21/2016 12:00:00 PM	518400.000	133.111	20.386	303.401
11078.256	12148.913	7.031	8261.261	90.267
1.003	14.803			
3/21/2016 12:15:00 PM	519300.000	133.083	20.380	303.338
11081.683	12154.095	7.035	8264.785	90.239
1.003	14.801			
3/21/2016 12:30:00 PM	520200.000	133.107	20.386	303.392
11084.556	12155.888	7.036	8266.005	90.216
1.003	14.800			
3/21/2016 12:45:00 PM	521100.000	133.070	20.388	303.308
11080.809	12151.314	7.033	8262.894	90.246
1.003	14.796			
3/21/2016 1:00:00 PM	522000.000	133.080	20.385	303.330
11082.096	12153.324	7.034	8264.262	90.236
1.003	14.787			
3/21/2016 1:15:00 PM	522900.000	133.104	20.390	303.385
11085.060	12155.397	7.035	8265.671	90.212
1.003	14.789			
3/21/2016 1:30:00 PM	523800.000	133.102	20.393	303.380
11084.282	12153.834	7.034	8264.607	90.218
1.003	14.790			

3/21/2016 1:45:00 PM	524700.000	133.102	20.379	303.381
11075.393	12147.527	7.030	8260.318	90.290
1.003	14.779			
3/21/2016 2:00:00 PM	525600.000	133.053	20.393	303.269
11085.266	12154.934	7.035	8265.355	90.210
1.003	14.787			
3/21/2016 2:15:00 PM	526500.000	133.078	20.380	303.327
11074.063	12145.738	7.029	8259.103	90.301
1.003	14.784			
3/21/2016 2:30:00 PM	527400.000	133.079	20.380	303.328
11074.136	12145.817	7.029	8259.156	90.300
1.003	14.776			
3/21/2016 2:45:00 PM	528300.000	133.047	20.376	303.254
11073.113	12145.782	7.029	8259.133	90.309
1.003	14.776			
3/21/2016 3:00:00 PM	529200.000	133.031	20.388	303.219
11074.480	12144.375	7.029	8258.175	90.298
1.003	14.776			
3/21/2016 3:15:00 PM	530100.000	133.033	20.389	303.223
11075.330	12144.815	7.029	8258.476	90.291
1.003	14.776			
3/21/2016 3:30:00 PM	531000.000	133.031	20.385	303.219
11079.006	12149.891	7.032	8261.926	90.261
1.003	14.764			
3/21/2016 3:45:00 PM	531900.000	133.020	20.380	303.194
11074.460	12146.350	7.030	8259.518	90.298
1.003	14.769			
3/21/2016 4:00:00 PM	532800.000	133.003	20.383	303.155
11073.611	12144.553	7.029	8258.296	90.305
1.003	14.774			
3/21/2016 4:15:00 PM	533700.000	132.996	20.382	303.140
11074.569	12145.869	7.029	8259.191	90.297
1.003	14.771			
3/21/2016 4:30:00 PM	534600.000	132.993	20.385	303.132
11074.003	12144.562	7.029	8258.302	90.302
1.003	14.773			
3/21/2016 4:45:00 PM	535500.000	132.993	20.382	303.132
11075.815	12147.258	7.030	8260.137	90.287
1.003	14.765			
3/21/2016 5:00:00 PM	536400.000	132.977	20.386	303.095
11072.866	12142.915	7.028	8257.183	90.311
1.003	14.770			
3/21/2016 5:15:00 PM	537300.000	132.979	20.385	303.101
11072.375	12142.753	7.028	8257.072	90.315
1.003	14.773			
3/21/2016 5:30:00 PM	538200.000	132.961	20.385	303.058
11070.360	12140.454	7.026	8255.510	90.331
1.003	14.779			
3/21/2016 5:45:00 PM	539100.000	132.960	20.382	303.057
11070.939	12141.889	7.027	8256.485	90.327
1.003	14.777			
3/21/2016 6:00:00 PM	540000.000	132.951	20.387	303.037
11067.038	12136.256	7.023	8252.655	90.358
1.003	14.776			
3/21/2016 6:15:00 PM	540900.000	132.961	20.385	303.058
11071.838	12142.100	7.027	8256.628	90.319
1.003	14.773			

3/21/2016 6:30:00 PM	541800.000	132.948	20.387	303.030
11076.866	12147.057	7.030	8259.999	90.278
1.003	14.774			
3/21/2016 6:45:00 PM	542700.000	132.949	20.382	303.032
11072.616	12143.771	7.028	8257.764	90.313
1.003	14.778			
3/21/2016 7:00:00 PM	543600.000	132.942	20.384	303.015
11073.219	12143.925	7.028	8257.870	90.308
1.003	14.772			
3/21/2016 7:15:00 PM	544500.000	132.950	20.381	303.035
11075.443	12147.207	7.030	8260.102	90.290
1.003	14.772			
3/21/2016 7:30:00 PM	545400.000	132.953	20.380	303.040
11071.202	12142.821	7.028	8257.118	90.324
1.003	14.773			
3/21/2016 7:45:00 PM	546300.000	132.939	20.390	303.010
11080.629	12150.428	7.032	8262.291	90.248
1.003	14.779			
3/21/2016 8:00:00 PM	547200.000	132.946	20.378	303.025
11073.455	12145.558	7.029	8258.979	90.306
1.003	14.770			
3/21/2016 8:15:00 PM	548100.000	132.996	20.380	303.140
11075.490	12147.436	7.030	8260.256	90.289
1.003	14.778			
3/21/2016 8:30:00 PM	549000.000	132.955	20.386	303.047
11083.928	12155.001	7.035	8265.401	90.221
1.003	14.774			
3/21/2016 8:45:00 PM	549900.000	132.997	20.388	303.142
11081.659	12152.179	7.033	8263.482	90.239
1.003	14.778			
3/21/2016 9:00:00 PM	550800.000	132.969	20.386	303.078
11079.102	12149.930	7.032	8261.952	90.260
1.003	14.784			
3/21/2016 9:15:00 PM	551700.000	132.997	20.388	303.140
11078.155	12148.383	7.031	8260.900	90.268
1.003	14.789			
3/21/2016 9:30:00 PM	552600.000	132.977	20.388	303.096
11080.887	12151.332	7.033	8262.907	90.245
1.003	14.792			
3/21/2016 9:45:00 PM	553500.000	132.985	20.386	303.114
11089.253	12160.863	7.039	8269.388	90.177
1.003	14.793			
3/21/2016 10:00:00 PM	554400.000	133.030	20.386	303.216
11083.263	12154.295	7.035	8264.921	90.226
1.003	14.796			
3/21/2016 10:15:00 PM	555300.000	132.988	20.393	303.122
11092.715	12162.946	7.040	8270.805	90.149
1.003	14.802			
3/21/2016 10:30:00 PM	556200.000	132.996	20.386	303.140
11090.405	12162.127	7.040	8270.246	90.168
1.003	14.799			
3/21/2016 10:45:00 PM	557100.000	133.002	20.385	303.153
11090.258	12162.230	7.040	8270.317	90.169
1.003	14.802			
3/21/2016 11:00:00 PM	558000.000	133.016	20.387	303.184
11091.702	12163.482	7.040	8271.169	90.157
1.003	14.799			



3/21/2016 11:15:00 PM	558900.000	133.060	20.387	303.284
11087.731	12158.928	7.038	8268.072	90.190
1.003	14.799			
3/21/2016 11:30:00 PM	559800.000	133.015	20.384	303.182
11092.396	12165.043	7.041	8272.230	90.152
1.003	14.808			
3/21/2016 11:45:00 PM	560700.000	133.056	20.382	303.276
11092.488	12165.656	7.042	8272.646	90.151
1.003	14.804			
3/22/2016 12:00:00 AM	561600.000	133.039	20.387	303.237
11093.208	12164.954	7.041	8272.169	90.145
1.003	14.803			
3/22/2016 12:15:00 AM	562500.000	133.043	20.379	303.247
11090.792	12164.373	7.041	8271.774	90.165
1.003	14.801			
3/22/2016 12:30:00 AM	563400.000	133.045	20.383	303.250
11092.280	12165.072	7.041	8272.249	90.153
1.003	14.807			
3/22/2016 12:45:00 AM	564300.000	133.043	20.386	303.246
11090.280	12162.210	7.040	8270.303	90.169
1.003	14.809			
3/22/2016 1:00:00 AM	565200.000	133.046	20.379	303.252
11088.835	12162.362	7.040	8270.406	90.181
1.003	14.810			
3/22/2016 1:15:00 AM	566100.000	133.049	20.380	303.260
11091.788	12165.378	7.042	8272.457	90.157
1.003	14.813			
3/22/2016 1:30:00 AM	567000.000	133.053	20.372	303.268
11089.266	12164.548	7.041	8271.893	90.177
1.003	14.810			
3/22/2016 1:45:00 AM	567900.000	133.051	20.379	303.264
11093.131	12166.960	7.043	8273.534	90.146
1.003	14.809			
3/22/2016 2:00:00 AM	568800.000	133.041	20.383	303.240
11085.086	12157.048	7.036	8266.793	90.211
1.003	14.813			
3/22/2016 2:15:00 AM	569700.000	133.052	20.378	303.266
11089.538	12163.377	7.040	8271.098	90.175
1.003	14.813			
3/22/2016 2:30:00 AM	570600.000	133.038	20.379	303.235
11088.895	12162.471	7.040	8270.481	90.180
1.003	14.812			
3/22/2016 2:45:00 AM	571500.000	133.044	20.385	303.249
11092.604	12164.781	7.041	8272.052	90.150
1.003	14.811			
3/22/2016 3:00:00 AM	572400.000	133.033	20.381	303.223
11094.819	12168.280	7.043	8274.432	90.132
1.003	14.811			
3/22/2016 3:15:00 AM	573300.000	133.037	20.385	303.232
11090.695	12162.845	7.040	8270.734	90.166
1.003	14.802			
3/22/2016 3:30:00 AM	574200.000	133.032	20.378	303.220
11089.399	12163.246	7.040	8271.009	90.176
1.003	14.807			
3/22/2016 3:45:00 AM	575100.000	133.021	20.387	303.197
11090.292	12161.803	7.039	8270.027	90.169
1.003	14.808			

3/22/2016 4:00:00 AM	576000.000	133.007	20.390	303.163
11089.478	12160.131	7.038	8268.890	90.176
1.003	14.809			
3/22/2016 4:15:00 AM	576900.000	133.008	20.384	303.167
11088.479	12160.592	7.039	8269.202	90.184
1.003	14.817			
3/22/2016 4:30:00 AM	577800.000	133.030	20.388	303.217
11088.068	12159.073	7.038	8268.170	90.187
1.003	14.811			
3/22/2016 4:45:00 AM	578700.000	133.001	20.385	303.150
11085.438	12157.146	7.037	8266.860	90.208
1.003	14.806			
3/22/2016 5:00:00 AM	579600.000	133.003	20.384	303.154
11086.643	12158.623	7.037	8267.863	90.199
1.003	14.806			
3/22/2016 5:15:00 AM	580500.000	132.994	20.388	303.133
11085.807	12156.615	7.036	8266.499	90.205
1.003	14.810			
3/22/2016 5:30:00 AM	581400.000	132.978	20.395	303.098
11090.044	12159.528	7.038	8268.480	90.171
1.003	14.816			
3/22/2016 5:45:00 AM	582300.000	132.983	20.388	303.110
11091.694	12163.028	7.040	8270.859	90.158
1.003	14.811			
3/22/2016 6:00:00 AM	583200.000	132.980	20.390	303.103
11089.288	12160.058	7.038	8268.839	90.177
1.003	14.819			
3/22/2016 6:15:00 AM	584100.000	132.978	20.387	303.097
11089.283	12160.696	7.039	8269.273	90.177
1.003	14.825			
3/22/2016 6:30:00 AM	585000.000	132.969	20.392	303.078
11084.908	12154.652	7.035	8265.164	90.213
1.003	14.821			
3/22/2016 6:45:00 AM	585900.000	132.968	20.385	303.075
11086.371	12157.946	7.037	8267.403	90.201
1.003	14.825			
3/22/2016 7:00:00 AM	586800.000	132.961	20.386	303.059
11091.168	12163.117	7.040	8270.921	90.162
1.003	14.833			
3/22/2016 7:15:00 AM	587700.000	132.974	20.385	303.088
11091.055	12163.262	7.040	8271.018	90.163
1.003	14.822			
3/22/2016 7:30:00 AM	588600.000	133.007	20.378	303.165
11086.088	12159.614	7.038	8268.538	90.203
1.003	14.828			
3/22/2016 7:45:00 AM	589500.000	132.966	20.386	303.071
11087.026	12158.465	7.037	8267.757	90.196
1.003	14.840			
3/22/2016 8:00:00 AM	590400.000	132.974	20.382	303.088
11083.430	12155.520	7.035	8265.754	90.225
1.003	14.830			
3/22/2016 8:15:00 AM	591300.000	132.976	20.383	303.094
11093.687	12166.704	7.042	8273.358	90.141
1.003	14.839			
3/22/2016 8:30:00 AM	592200.000	132.971	20.383	303.082
11092.407	12165.301	7.042	8272.404	90.152
1.003	14.847			

3/22/2016 8:45:00 AM	593100.000	132.979	20.390	303.101
11095.480	12166.869	7.043	8273.471	90.127
1.003	14.845			
3/22/2016 9:00:00 AM	594000.000	132.977	20.384	303.095
11094.117	12166.687	7.042	8273.347	90.138
1.003	14.847			
3/22/2016 9:15:00 AM	594900.000	133.000	20.384	303.148
11099.414	12172.495	7.046	8277.297	90.095
1.003	14.844			
3/22/2016 9:30:00 AM	595800.000	132.998	20.383	303.143
11094.087	12167.074	7.043	8273.611	90.138
1.003	14.853			
3/22/2016 9:45:00 AM	596700.000	133.001	20.382	303.150
11101.775	12175.618	7.048	8279.421	90.076
1.003	14.854			
3/22/2016 10:00:00 AM	597600.000	133.006	20.387	303.162
11100.845	12173.418	7.047	8277.925	90.083
1.003	14.855			
3/22/2016 10:15:00 AM	598500.000	133.015	20.379	303.182
11098.620	12172.914	7.046	8277.582	90.101
1.003	14.862			
3/22/2016 10:30:00 AM	599400.000	133.050	20.391	303.262
11107.242	12179.363	7.050	8281.967	90.031
1.003	14.857			
3/22/2016 10:45:00 AM	600300.000	133.061	20.386	303.288
11104.340	12177.386	7.049	8280.622	90.055
1.003	14.860			
3/22/2016 11:00:00 AM	601200.000	133.065	20.382	303.297
11101.541	12175.431	7.048	8279.293	90.078
1.003	14.862			
3/22/2016 11:15:00 AM	602100.000	133.043	20.383	303.245
11104.285	12178.259	7.050	8281.217	90.055
1.003	14.858			
3/22/2016 11:30:00 AM	603000.000	133.054	20.380	303.271
11106.293	12181.264	7.052	8283.261	90.039
1.003	14.860			
3/22/2016 11:45:00 AM	603900.000	133.049	20.385	303.259
11103.598	12176.838	7.049	8280.251	90.061
1.003	14.861			
3/22/2016 12:00:00 PM	604800.000	133.050	20.390	303.261
11105.411	12177.714	7.049	8280.846	90.046
1.003	14.862			
3/22/2016 12:15:00 PM	605700.000	133.049	20.377	303.259
11109.789	12185.900	7.054	8286.412	90.011
1.003	14.866			
3/22/2016 12:30:00 PM	606600.000	133.058	20.383	303.280
11113.780	12188.606	7.056	8288.254	89.978
1.003	14.857			
3/22/2016 12:45:00 PM	607500.000	133.061	20.380	303.286
11104.038	12178.635	7.050	8281.473	90.057
1.003	14.862			
3/22/2016 1:00:00 PM	608400.000	133.046	20.384	303.254
11103.791	12177.496	7.049	8280.698	90.059
1.003	14.870			
3/22/2016 1:15:00 PM	609300.000	133.051	20.384	303.265
11108.393	12182.408	7.052	8284.038	90.022
1.003	14.858			

3/22/2016 1:30:00 PM	610200.000	133.050	20.381	303.261
11106.839	12181.442	7.052	8283.382	90.035
1.003	14.853			
3/22/2016 1:45:00 PM	611100.000	133.047	20.380	303.255
11112.420	12187.918	7.056	8287.784	89.989
1.003	14.855			
3/22/2016 2:00:00 PM	612000.000	133.054	20.379	303.271
11109.565	12185.009	7.054	8285.806	90.013
1.003	14.849			
3/22/2016 2:15:00 PM	612900.000	133.038	20.385	303.235
11114.133	12188.458	7.056	8288.151	89.976
1.003	14.850			
3/22/2016 2:30:00 PM	613800.000	133.039	20.389	303.237
11114.121	12187.489	7.055	8287.494	89.976
1.003	14.846			
3/22/2016 2:45:00 PM	614700.000	133.037	20.390	303.232
11109.631	12182.274	7.052	8283.947	90.012
1.003	14.845			
3/22/2016 3:00:00 PM	615600.000	133.024	20.390	303.203
11112.564	12185.513	7.054	8286.149	89.988
1.003	14.843			
3/22/2016 3:15:00 PM	616500.000	133.019	20.385	303.191
11107.325	12181.039	7.051	8283.106	90.031
1.003	14.845			
3/22/2016 3:30:00 PM	617400.000	133.012	20.384	303.176
11113.699	12188.405	7.056	8288.115	89.979
1.003	14.837			
3/22/2016 3:45:00 PM	618300.000	133.005	20.383	303.160
11109.210	12183.550	7.053	8284.813	90.015
1.003	14.838			
3/22/2016 4:00:00 PM	619200.000	133.001	20.388	303.149
11110.675	12183.885	7.053	8285.043	90.004
1.003	14.838			
3/22/2016 4:15:00 PM	620100.000	132.984	20.384	303.112
11111.143	12185.469	7.054	8286.119	90.000
1.003	14.830			
3/22/2016 4:30:00 PM	621000.000	132.977	20.384	303.095
11107.465	12181.459	7.052	8283.393	90.030
1.003	14.835			
3/22/2016 4:45:00 PM	621900.000	132.969	20.376	303.078
11110.152	12186.500	7.055	8286.820	90.008
1.003	14.833			
3/22/2016 5:00:00 PM	622800.000	132.952	20.380	303.039
11110.646	12186.062	7.055	8286.521	90.004
1.003	14.835			
3/22/2016 5:15:00 PM	623700.000	132.944	20.381	303.020
11110.482	12185.637	7.054	8286.234	90.005
1.003	14.835			
3/22/2016 5:30:00 PM	624600.000	132.946	20.387	303.025
11113.480	12187.186	7.055	8287.287	89.981
1.003	14.832			
3/22/2016 5:45:00 PM	625500.000	132.930	20.382	302.989
11103.691	12177.809	7.049	8280.910	90.060
1.003	14.830			
3/22/2016 6:00:00 PM	626400.000	132.906	20.388	302.933
11111.523	12184.839	7.054	8285.691	89.997
1.003	14.838			

3/22/2016 6:15:00 PM	627300.000	132.937	20.391	303.005
11105.803	12177.742	7.049	8280.865	90.043
1.003	14.834			
3/22/2016 6:30:00 PM	628200.000	132.895	20.383	302.908
11109.126	12183.479	7.053	8284.768	90.016
1.003	14.833			
3/22/2016 6:45:00 PM	629100.000	132.893	20.386	302.905
11108.122	12181.621	7.052	8283.503	90.024
1.003	14.834			
3/22/2016 7:00:00 PM	630000.000	132.883	20.387	302.882
11112.271	12185.993	7.055	8286.477	89.991
1.003	14.837			
3/22/2016 7:15:00 PM	630900.000	132.877	20.382	302.868
11112.950	12187.919	7.056	8287.785	89.985
1.003	14.830			
3/22/2016 7:30:00 PM	631800.000	132.870	20.373	302.852
11108.138	12185.069	7.054	8285.848	90.024
1.003	14.839			
3/22/2016 7:45:00 PM	632700.000	132.863	20.379	302.837
11110.875	12186.400	7.055	8286.753	90.002
1.003	14.839			
3/22/2016 8:00:00 PM	633600.000	132.851	20.380	302.808
11117.113	12192.954	7.059	8291.209	89.951
1.003	14.843			
3/22/2016 8:15:00 PM	634500.000	132.876	20.375	302.866
11110.883	12187.547	7.055	8287.533	90.002
1.003	14.845			
3/22/2016 8:30:00 PM	635400.000	132.845	20.378	302.795
11117.520	12194.002	7.059	8291.923	89.948
1.003	14.847			
3/22/2016 8:45:00 PM	636300.000	132.848	20.376	302.802
11118.540	12195.722	7.061	8293.091	89.940
1.003	14.855			
3/22/2016 9:00:00 PM	637200.000	132.852	20.388	302.811
11123.892	12198.401	7.062	8294.913	89.897
1.003	14.844			
3/22/2016 9:15:00 PM	638100.000	132.839	20.380	302.782
11126.970	12203.741	7.066	8298.544	89.872
1.003	14.855			
3/22/2016 9:30:00 PM	639000.000	132.852	20.389	302.810
11129.415	12204.236	7.066	8298.882	89.852
1.003	14.852			
3/22/2016 9:45:00 PM	639900.000	132.858	20.382	302.823
11125.799	12202.168	7.065	8297.475	89.881
1.003	14.853			
3/22/2016 10:00:00 PM	640800.000	132.843	20.380	302.790
11127.432	12204.337	7.066	8298.949	89.868
1.003	14.863			
3/22/2016 10:15:00 PM	641700.000	132.882	20.388	302.879
11128.916	12204.069	7.066	8298.768	89.856
1.003	14.865			
3/22/2016 10:30:00 PM	642600.000	132.855	20.388	302.817
11131.084	12206.378	7.067	8300.337	89.839
1.003	14.861			
3/22/2016 10:45:00 PM	643500.000	132.860	20.389	302.829
11133.612	12208.927	7.069	8302.070	89.818
1.003	14.854			

3/22/2016 11:00:00 PM	644400.000	132.891	20.382	302.900
11130.432	12207.249	7.068	8300.930	89.844
1.003	14.858			
3/22/2016 11:15:00 PM	645300.000	132.859	20.385	302.826
11137.882	12214.660	7.072	8305.969	89.784
1.003	14.858			
3/22/2016 11:30:00 PM	646200.000	132.895	20.390	302.908
11140.125	12215.824	7.073	8306.761	89.766
1.003	14.855			
3/22/2016 11:45:00 PM	647100.000	132.865	20.379	302.841
11136.078	12214.180	7.072	8305.644	89.798
1.003	14.862			
3/23/2016 12:00:00 AM	648000.000	132.875	20.386	302.862
11136.695	12213.111	7.071	8304.916	89.793
1.003	14.859			
3/23/2016 12:15:00 AM	648900.000	132.865	20.389	302.841
11139.312	12215.222	7.073	8306.351	89.772
1.003	14.861			
3/23/2016 12:30:00 AM	649800.000	132.905	20.396	302.932
11142.517	12216.883	7.074	8307.480	89.746
1.003	14.857			
3/23/2016 12:45:00 AM	650700.000	132.864	20.386	302.837
11141.833	12218.700	7.075	8308.716	89.752
1.003	14.863			
3/23/2016 1:00:00 AM	651600.000	132.873	20.381	302.858
11142.010	12220.102	7.076	8309.670	89.750
1.003	14.854			
3/23/2016 1:15:00 AM	652500.000	132.885	20.383	302.886
11141.547	12219.035	7.075	8308.944	89.754
1.003	14.858			
3/23/2016 1:30:00 AM	653400.000	132.881	20.378	302.877
11142.090	12221.039	7.076	8310.308	89.750
1.003	14.853			
3/23/2016 1:45:00 AM	654300.000	132.871	20.384	302.854
11142.166	12219.381	7.075	8309.180	89.749
1.003	14.857			
3/23/2016 2:00:00 AM	655200.000	132.912	20.377	302.948
11144.403	12223.735	7.078	8312.141	89.731
1.003	14.854			
3/23/2016 2:15:00 AM	656100.000	132.879	20.382	302.873
11140.374	12218.040	7.075	8308.268	89.764
1.003	14.855			
3/23/2016 2:30:00 AM	657000.000	132.902	20.378	302.926
11138.712	12217.291	7.074	8307.759	89.777
1.003	14.851			
3/23/2016 2:45:00 AM	657900.000	132.896	20.384	302.910
11141.635	12219.021	7.075	8308.935	89.753
1.003	14.853			
3/23/2016 3:00:00 AM	658800.000	132.887	20.379	302.890
11141.723	12220.233	7.076	8309.759	89.753
1.003	14.852			
3/23/2016 3:15:00 AM	659700.000	132.859	20.379	302.826
11140.339	12218.782	7.075	8308.773	89.764
1.003	14.848			
3/23/2016 3:30:00 AM	660600.000	132.861	20.383	302.831
11139.954	12217.424	7.074	8307.849	89.767
1.003	14.851			

3/23/2016 3:45:00 AM	661500.000	132.849	20.377	302.803
11137.738	12216.513	7.074	8307.229	89.785
1.003	14.847			
3/23/2016 4:00:00 AM	662400.000	132.851	20.377	302.809
11141.692	12220.783	7.076	8310.133	89.753
1.003	14.846			
3/23/2016 4:15:00 AM	663300.000	132.843	20.386	302.790
11144.699	12221.822	7.077	8310.840	89.729
1.003	14.844			
3/23/2016 4:30:00 AM	664200.000	132.831	20.378	302.763
11139.289	12217.766	7.074	8308.082	89.772
1.003	14.844			
3/23/2016 4:45:00 AM	665100.000	132.823	20.383	302.745
11142.433	12219.985	7.076	8309.591	89.747
1.003	14.843			
3/23/2016 5:00:00 AM	666000.000	132.832	20.379	302.765
11140.784	12219.319	7.075	8309.139	89.760
1.003	14.849			
3/23/2016 5:15:00 AM	666900.000	132.816	20.382	302.729
11142.412	12220.230	7.076	8309.757	89.747
1.003	14.845			
3/23/2016 5:30:00 AM	667800.000	132.820	20.382	302.739
11142.181	12220.090	7.076	8309.662	89.749
1.003	14.843			
3/23/2016 5:45:00 AM	668700.000	132.818	20.382	302.733
11141.733	12219.600	7.075	8309.328	89.753
1.003	14.850			
3/23/2016 6:00:00 AM	669600.000	132.810	20.380	302.715
11135.820	12213.694	7.072	8305.313	89.800
1.003	14.849			
3/23/2016 6:15:00 AM	670500.000	132.783	20.378	302.654
11139.676	12218.304	7.075	8308.447	89.769
1.003	14.853			
3/23/2016 6:30:00 AM	671400.000	132.794	20.371	302.679
11133.982	12213.778	7.072	8305.369	89.815
1.003	14.846			
3/23/2016 6:45:00 AM	672300.000	132.788	20.388	302.665
11138.454	12214.484	7.072	8305.850	89.779
1.003	14.852			
3/23/2016 7:00:00 AM	673200.000	132.797	20.383	302.685
11138.123	12215.415	7.073	8306.483	89.782
1.003	14.858			
3/23/2016 7:15:00 AM	674100.000	132.790	20.381	302.670
11137.434	12215.151	7.073	8306.303	89.787
1.003	14.857			
3/23/2016 7:30:00 AM	675000.000	132.782	20.371	302.652
11133.844	12213.736	7.072	8305.341	89.816
1.003	14.862			
3/23/2016 7:45:00 AM	675900.000	132.781	20.382	302.649
11132.548	12209.389	7.069	8302.386	89.827
1.003	14.862			
3/23/2016 8:00:00 AM	676800.000	132.793	20.380	302.677
11134.551	12212.145	7.071	8304.260	89.811
1.003	14.866			
3/23/2016 8:15:00 AM	677700.000	132.781	20.379	302.648
11136.950	12215.114	7.073	8306.277	89.791
1.003	14.872			

3/23/2016 8:30:00 AM	678600.000	132.787	20.387	302.663
11140.743	12217.283	7.074	8307.754	89.761
1.003	14.882			
3/23/2016 8:45:00 AM	679500.000	132.791	20.383	302.672
11135.490	12212.504	7.071	8304.504	89.803
1.003	14.875			
3/23/2016 9:00:00 AM	680400.000	132.797	20.379	302.686
11137.825	12215.936	7.073	8306.836	89.784
1.003	14.879			
3/23/2016 9:15:00 AM	681300.000	132.795	20.382	302.681
11138.290	12215.735	7.073	8306.701	89.780
1.003	14.876			
3/23/2016 9:30:00 AM	682200.000	132.806	20.382	302.706
11140.328	12218.124	7.075	8308.325	89.764
1.003	14.880			
3/23/2016 9:45:00 AM	683100.000	132.808	20.383	302.711
11141.781	12219.361	7.075	8309.166	89.752
1.003	14.883			
3/23/2016 10:00:00 AM	684000.000	132.856	20.381	302.819
11142.104	12220.229	7.076	8309.756	89.750
1.003	14.881			
3/23/2016 10:15:00 AM	684900.000	132.853	20.376	302.814
11141.469	12220.803	7.076	8310.146	89.755
1.003	14.882			
3/23/2016 10:30:00 AM	685800.000	132.818	20.382	302.732
11144.386	12222.372	7.077	8311.214	89.731
1.003	14.885			
3/23/2016 10:45:00 AM	686700.000	132.822	20.388	302.743
11142.599	12219.074	7.075	8308.972	89.746
1.003	14.892			
3/23/2016 11:00:00 AM	687600.000	132.837	20.389	302.776
11141.346	12217.229	7.074	8307.717	89.756
1.003	14.884			
3/23/2016 11:15:00 AM	688500.000	132.847	20.382	302.798
11144.810	12222.793	7.077	8311.500	89.728
1.003	14.887			
3/23/2016 11:30:00 AM	689400.000	132.842	20.383	302.787
11148.432	12226.586	7.080	8314.078	89.699
1.003	14.891			
3/23/2016 11:45:00 AM	690300.000	132.849	20.381	302.805
11143.884	12222.047	7.077	8310.992	89.735
1.003	14.892			
3/23/2016 12:00:00 PM	691200.000	132.860	20.387	302.828
11147.911	12224.989	7.079	8312.994	89.703
1.003	14.883			
3/23/2016 12:15:00 PM	692100.000	132.856	20.379	302.820
11140.887	12219.497	7.075	8309.259	89.759
1.003	14.892			
3/23/2016 12:30:00 PM	693000.000	132.887	20.382	302.890
11146.495	12224.685	7.079	8312.785	89.714
1.003	14.888			
3/23/2016 12:45:00 PM	693900.000	132.862	20.382	302.833
11148.428	12226.941	7.080	8314.320	89.699
1.003	14.886			
3/23/2016 1:00:00 PM	694800.000	132.855	20.385	302.818
11143.809	12220.957	7.076	8310.251	89.736
1.003	14.881			



3/23/2016 1:15:00 PM	695700.000	132.844	20.378	302.792
11147.757	12227.167	7.080	8314.474	89.704
1.003	14.891			
3/23/2016 1:30:00 PM	696600.000	132.845	20.384	302.794
11147.009	12224.871	7.079	8312.913	89.710
1.003	14.878			
3/23/2016 1:45:00 PM	697500.000	132.854	20.380	302.816
11144.158	12222.706	7.077	8311.440	89.733
1.003	14.882			
3/23/2016 2:00:00 PM	698400.000	132.849	20.388	302.803
11144.909	12221.404	7.077	8310.556	89.727
1.003	14.879			
3/23/2016 2:15:00 PM	699300.000	132.838	20.390	302.780
11146.731	12223.069	7.078	8311.688	89.712
1.003	14.877			
3/23/2016 2:30:00 PM	700200.000	132.861	20.390	302.831
11147.858	12224.192	7.078	8312.451	89.703
1.003	14.881			
3/23/2016 2:45:00 PM	701100.000	132.810	20.385	302.716
11148.155	12225.905	7.079	8313.616	89.701
1.003	14.883			
3/23/2016 3:00:00 PM	702000.000	132.829	20.389	302.759
11146.735	12223.274	7.078	8311.828	89.712
1.003	14.874			
3/23/2016 3:15:00 PM	702900.000	132.810	20.384	302.715
11141.761	12219.047	7.075	8308.952	89.752
1.003	14.873			
3/23/2016 3:30:00 PM	703800.000	132.805	20.384	302.703
11142.896	12220.425	7.076	8309.889	89.743
1.003	14.871			
3/23/2016 3:45:00 PM	704700.000	132.804	20.385	302.702
11145.112	12222.568	7.077	8311.347	89.725
1.003	14.869			
3/23/2016 4:00:00 PM	705600.000	132.797	20.379	302.686
11141.517	12220.166	7.076	8309.713	89.754
1.003	14.871			
3/23/2016 4:15:00 PM	706500.000	132.787	20.384	302.663
11144.004	12221.555	7.077	8310.657	89.734
1.003	14.873			
3/23/2016 4:30:00 PM	707400.000	132.775	20.374	302.635
11137.957	12217.334	7.074	8307.788	89.783
1.003	14.876			
3/23/2016 4:45:00 PM	708300.000	132.755	20.382	302.590
11139.676	12217.317	7.074	8307.776	89.769
1.003	14.868			
3/23/2016 5:00:00 PM	709200.000	132.746	20.380	302.569
11141.835	12220.222	7.076	8309.752	89.752
1.003	14.865			
3/23/2016 5:15:00 PM	710100.000	132.725	20.375	302.520
11142.433	12222.132	7.077	8311.051	89.747
1.003	14.862			
3/23/2016 5:30:00 PM	711000.000	132.723	20.376	302.516
11141.297	12220.639	7.076	8310.035	89.756
1.003	14.867			
3/23/2016 5:45:00 PM	711900.000	132.716	20.366	302.500
11134.086	12215.163	7.073	8306.311	89.814
1.003	14.863			

3/23/2016 6:00:00 PM	712800.000	132.687	20.379	302.434
11137.656	12215.910	7.073	8306.820	89.785
1.003	14.874			
3/23/2016 6:15:00 PM	713700.000	132.688	20.372	302.436
11135.792	12215.563	7.073	8306.583	89.801
1.003	14.862			
3/23/2016 6:30:00 PM	714600.000	132.682	20.386	302.422
11139.386	12215.950	7.073	8306.847	89.772
1.003	14.865			
3/23/2016 6:45:00 PM	715500.000	132.668	20.381	302.392
11140.074	12217.893	7.074	8308.167	89.766
1.003	14.864			
3/23/2016 7:00:00 PM	716400.000	132.661	20.386	302.376
11140.766	12217.354	7.074	8307.801	89.760
1.003	14.862			
3/23/2016 7:15:00 PM	717300.000	132.682	20.386	302.423
11139.304	12215.772	7.073	8306.727	89.772
1.003	14.864			
3/23/2016 7:30:00 PM	718200.000	132.658	20.387	302.367
11139.745	12216.167	7.073	8306.993	89.769
1.003	14.862			
3/23/2016 7:45:00 PM	719100.000	132.644	20.378	302.337
11139.033	12217.532	7.074	8307.922	89.774
1.003	14.863			
3/23/2016 8:00:00 PM	720000.000	132.651	20.379	302.352
11138.968	12217.189	7.074	8307.688	89.775
1.003	14.863			
3/23/2016 8:15:00 PM	720900.000	132.639	20.378	302.325
11138.509	12217.090	7.074	8307.622	89.779
1.003	14.859			
3/23/2016 8:30:00 PM	721800.000	132.641	20.383	302.330
11144.428	12222.239	7.077	8311.124	89.731
1.003	14.862			
3/23/2016 8:45:00 PM	722700.000	132.637	20.378	302.321
11144.501	12223.707	7.078	8312.121	89.730
1.003	14.865			
3/23/2016 9:00:00 PM	723600.000	132.632	20.374	302.309
11142.813	12222.861	7.077	8311.546	89.744
1.003	14.871			
3/23/2016 9:15:00 PM	724500.000	132.643	20.378	302.334
11141.767	12220.685	7.076	8310.066	89.752
1.003	14.865			
3/23/2016 9:30:00 PM	725400.000	132.638	20.383	302.322
11148.526	12226.801	7.080	8314.226	89.698
1.003	14.872			
3/23/2016 9:45:00 PM	726300.000	132.636	20.384	302.318
11152.485	12230.809	7.083	8316.951	89.666
1.004	14.870			
3/23/2016 10:00:00 PM	727200.000	132.649	20.379	302.347
11147.872	12226.955	7.080	8314.329	89.703
1.003	14.867			
3/23/2016 10:15:00 PM	728100.000	132.635	20.383	302.316
11153.354	12232.095	7.083	8317.824	89.659
1.004	14.870			
3/23/2016 10:30:00 PM	729000.000	132.632	20.386	302.308
11157.504	12235.843	7.086	8320.373	89.626
1.004	14.870			

3/23/2016 10:45:00 PM	729900.000	132.644	20.378	302.336
11154.168	12234.333	7.085	8319.348	89.653
1.004	14.868			
3/23/2016 11:00:00 PM	730800.000	132.650	20.383	302.350
11161.508	12240.950	7.089	8323.847	89.594
1.004	14.871			
3/23/2016 11:15:00 PM	731700.000	132.645	20.383	302.340
11153.830	12232.596	7.084	8318.166	89.655
1.004	14.873			
3/23/2016 11:30:00 PM	732600.000	132.668	20.383	302.392
11158.562	12237.695	7.087	8321.634	89.617
1.004	14.867			
3/23/2016 11:45:00 PM	733500.000	132.674	20.377	302.405
11158.306	12238.960	7.088	8322.493	89.619
1.004	14.865			

Report Date: 3/24/2016 2:15:14 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-8M\_2016-03-24\_09-00-23-035.wsl  
Create Date: 3/24/2016 9:00:21 AM

Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-8  
Device Name:  
Serial Number: 410757  
Firmware Version: 2.00  
Hardware Version: 3  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 0  
Used Battery(%): 2

Log Configuration

Log Name: MPWSP MW-8M  
Created By: CShaw  
Computer Name: PROBOOK3  
Application: WinSitu.exe  
Application Version: 5.6.25.0  
Create Date: 7/17/2015 2:05:09 PM Pacific Daylight Time  
Log Setup Time Zone: Pacific Daylight Time  
Notes Size(bytes): 4096  
Overwrite when full: Disabled  
Scheduled Start Time: 7/17/2015 8:30:00 PM Pacific Daylight Time  
Scheduled Stop Time: No Stop Time  
Type: Linear  
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth  
Specific Gravity: 1.024

Other Log Settings

Depth of Probe: -0.00543076 (ft)  
Head Pressure: -0.00241089 (PSI)  
Temperature: 27.9046 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

Log Notes:

Date and Time	Note
7/17/2015 2:05:13 PM	Used Battery: 2% Used Memory: 1% User Name: CShaw
7/17/2015 2:12:53 PM	Sensor SN: 410757 Cache Timeout: 1000 User Name: CShaw
7/17/2015 2:13:04 PM	Device Taken Offline
7/17/2015 2:14:23 PM	Sensor SN: 410757 Actual conductivity calibration. Cell Constant: 1.01613 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
7/17/2015 2:17:36 PM	Device Put Online
7/17/2015 2:17:37 PM	Sensor SN: 410757 Cache Timeout: 1750 User Name: CShaw
7/23/2015 3:21:47 PM	Log Download - Used Battery: 3% Used Memory: 1% User Name: KMakar
7/30/2015 3:29:40 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: BDuarte
7/31/2015 4:45:26 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: BDuarte Interval - Start Time:
7/30/2015 3:15:00 PM	
8/3/2015 3:59:57 PM	Log Download - Used Battery: 4% Used Memory: 3% User Name: BDuarte Interval - Start Time:
7/31/2015 4:45:00 PM	
8/6/2015 5:09:26 PM	Log Download - Used Battery: 4% Used Memory: 3% User Name: CShaw
8/13/2015 10:39:42 AM	Log Download - Used Battery: 4% Used Memory: 4% User Name: KMakar Interval - Start Time:
7/23/2015 3:15:00 PM	
8/20/2015 3:51:09 PM	Log Download - Used Battery: 4% Used Memory: 4% User Name: BDuarte Interval - Start Time:
8/3/2015 4:00:00 PM	
8/27/2015 8:58:51 AM	Log Download - Used Battery: 5% Used Memory: 6% User Name: KMakar
9/3/2015 12:19:33 PM	Log Download - Used Battery: 5% Used Memory: 6% User Name: CShaw Interval - Start Time:
8/1/2015 5:30:00 PM	Stop Time: 9/3/2015 12:45:00 PM
9/10/2015 9:04:13 AM	Log Download - Used Battery: 6% Used Memory: 7% User Name: KMakar Interval - Start Time:
8/10/2015 8:30:00 AM	Stop Time: 9/10/2015 9:00:00 AM
9/17/2015 9:04:50 AM	Log Download - Used Battery: 6% Used Memory: 7% User Name: KMakar Interval - Start Time:
9/1/2015 5:30:00 AM	Stop Time: 9/17/2015 9:05:00 AM
9/24/2015 5:31:49 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: CShaw Interval - Start Time:
9/1/2015 5:30:00 PM	Stop Time: 9/24/2015 9:00:00 AM
9/24/2015 6:15:32 PM	Log Download - Used Battery: 6% Used Memory: 9% User Name: CShaw Interval - Start Time:
9/1/2015 5:30:00 PM	Stop Time: 9/24/2015 10:00:00 PM
10/1/2015 9:29:51 AM	Log Download - Used Battery: 7% Used Memory: 9% User Name: KMakar Interval - Start Time:
9/15/2015 7:30:00 AM	Stop Time: 10/1/2015 9:30:00 AM
10/8/2015 11:11:25 AM	Log Download - Used Battery: 7% Used Memory: 10% User Name: CShaw Interval - Start Time:
9/14/2015 5:30:00 PM	Stop Time: 10/8/2015 12:00:00 PM
10/15/2015 10:51:31 AM	Log Download - Used Battery: 7% Used Memory: 10% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 10:55:00 AM
10/22/2015 10:15:08 AM	Log Download - Used Battery: 8% Used Memory: 12% User Name: CShaw Interval - Start Time:
10/1/2015 3:05:00 AM	Stop Time: 10/22/2015 11:00:00 AM
10/29/2015 12:49:21 PM	Log Download - Used Battery: 8% Used Memory: 12% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 12:50:00 PM
11/5/2015 9:07:17 AM	Log Download - Used Battery: 8% Used Memory: 14% User Name: KMakar Interval - Start Time:
10/20/2015 6:15:00 AM	Stop Time: 11/5/2015 9:10:00 AM
11/12/2015 1:33:29 PM	Log Download - Used Battery: 9% Used Memory: 14% User Name: CShaw Interval - Start Time:
10/27/2015 11:00:00 AM	Stop Time: 11/12/2015 1:30:00 PM
11/19/2015 10:05:10 AM	Log Download - Used Battery: 9% Used Memory: 15% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 10:05:00 AM
11/29/2015 11:04:26 AM	Log Download - Used Battery: 10% Used Memory: 17% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 11:00:00 AM
12/3/2015 7:56:35 AM	Log Download - Used Battery: 10% Used Memory: 17% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 7:55:00 AM
12/10/2015 10:13:31 AM	Log Download - Used Battery: 10% Used Memory: 18% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 11:00:00 AM
12/17/2015 9:31:44 AM	Log Download - Used Battery: 11% Used Memory: 18% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 9:30:00 AM

1/3/2016 11:42:50 AM Log Download - Used Battery: 11% Used Memory: 20% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 12:30:00 PM

1/7/2016 8:54:14 AM Log Download - Used Battery: 12% Used Memory: 21% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 8:45:00 AM

1/14/2016 12:49:16 PM Log Download - Used Battery: 12% Used Memory: 21% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 12:45:00 PM

1/21/2016 8:58:14 AM Log Download - Used Battery: 12% Used Memory: 23% User Name: KMakar Interval - Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 9:00:00 AM

1/28/2016 9:21:10 AM Log Download - Used Battery: 13% Used Memory: 23% 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 10:15:59 AM Log Download - Used Battery: 13% Used Memory: 25% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:15:00 AM

2/11/2016 10:04:20 AM Log Download - Used Battery: 13% Used Memory: 25% 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 11:23:58 AM Log Download - Used Battery: 14% Used Memory: 26% 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 10:50:20 AM Log Download - Used Battery: 14% Used Memory: 26% 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 12:53:04 PM Log Download - Used Battery: 15% Used Memory: 28% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM

3/10/2016 2:38:23 PM Log Download - Used Battery: 15% Used Memory: 28% 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 12:36:21 PM Log Download - Used Battery: 15% Used Memory: 29% 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 8:59:08 AM Log Download - Used Battery: 16% Used Memory: 29% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 9:00:00 AM

Log Data:

Record Count: 852

Sensors: 1

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

Time Zone: Pacific Daylight Time

Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft		Sensor: PCTD(G) 231ft	
Elapsed Time	SN#: 410757	SN#: 410757	SN#: 410757	SN#: 410757	SN#:
410757	SN#: 410757	SN#: 410757	SN#: 410757	SN#: 410757	SN#: 410757
SN#: 410757					
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual
Conductivity (µS)	Specific Conductivity (µS)	Total Dissolved Solids (ppt)	Salinity (PSU)	Resistivity	
(ohm-cm)	Water Density (g/cm3)				
3/17/2016 12:00:00 AM	129600.000	72.057	17.356	162.315	
41596.086	48707.281	33.121	31.985	24.041	
1.023					
3/17/2016 12:15:00 AM	130500.000	72.071	17.358	162.348	
41573.266	48677.992	33.101	31.964	24.054	
1.023					
3/17/2016 12:30:00 AM	131400.000	72.065	17.353	162.334	
41587.645	48700.246	33.116	31.980	24.046	
1.023					
3/17/2016 12:45:00 AM	132300.000	72.066	17.356	162.337	

41609.813	48723.453	33.132	31.997	24.033
1.023				
3/17/2016 1:00:00 AM	133200.000	72.051	17.355	162.303
41552.516	48657.871	33.087	31.949	24.066
1.023				
3/17/2016 1:15:00 AM	134100.000	72.063	17.357	162.328
41562.820	48667.375	33.094	31.956	24.060
1.023				
3/17/2016 1:30:00 AM	135000.000	72.065	17.359	162.332
41612.414	48723.059	33.132	31.997	24.031
1.023				
3/17/2016 1:45:00 AM	135900.000	72.049	17.356	162.298
41595.168	48706.207	33.120	31.984	24.041
1.023				
3/17/2016 2:00:00 AM	136800.000	72.046	17.357	162.290
41578.762	48685.473	33.106	31.969	24.051
1.023				
3/17/2016 2:15:00 AM	137700.000	72.065	17.352	162.334
41577.605	48689.645	33.109	31.972	24.051
1.023				
3/17/2016 2:30:00 AM	138600.000	72.051	17.356	162.301
41606.223	48719.148	33.129	31.994	24.035
1.023				
3/17/2016 2:45:00 AM	139500.000	72.051	17.355	162.302
41594.023	48705.809	33.120	31.984	24.042
1.023				
3/17/2016 3:00:00 AM	140400.000	72.071	17.354	162.348
41596.582	48709.863	33.123	31.987	24.040
1.023				
3/17/2016 3:15:00 AM	141300.000	72.059	17.363	162.321
41585.637	48687.707	33.108	31.971	24.047
1.023				
3/17/2016 3:30:00 AM	142200.000	72.078	17.361	162.362
41540.410	48637.043	33.073	31.934	24.073
1.023				
3/17/2016 3:45:00 AM	143100.000	72.074	17.359	162.355
41601.863	48711.094	33.124	31.988	24.037
1.023				
3/17/2016 4:00:00 AM	144000.000	72.082	17.355	162.371
41562.844	48669.410	33.095	31.957	24.060
1.023				
3/17/2016 4:15:00 AM	144900.000	72.074	17.353	162.353
41559.426	48667.969	33.094	31.956	24.062
1.023				
3/17/2016 4:30:00 AM	145800.000	72.075	17.357	162.355
41605.137	48717.305	33.128	31.993	24.035
1.023				
3/17/2016 4:45:00 AM	146700.000	72.091	17.364	162.393
41578.203	48678.133	33.101	31.964	24.051
1.023				
3/17/2016 5:00:00 AM	147600.000	72.103	17.354	162.419
41522.234	48622.617	33.063	31.923	24.083
1.023				
3/17/2016 5:15:00 AM	148500.000	72.108	17.358	162.431
41582.145	48689.336	33.109	31.972	24.049
1.023				
3/17/2016 5:30:00 AM	149400.000	72.095	17.359	162.402
41588.160	48694.953	33.113	31.976	24.045

1.023				
3/17/2016 5:45:00 AM	150300.000	72.104	17.354	162.421
41551.180	48656.699	33.087	31.948	24.067
1.023				
3/17/2016 6:00:00 AM	151200.000	72.123	17.358	162.463
41573.402	48678.328	33.101	31.964	24.054
1.023				
3/17/2016 6:15:00 AM	152100.000	72.130	17.355	162.479
41604.293	48717.559	33.128	31.993	24.036
1.023				
3/17/2016 6:30:00 AM	153000.000	72.121	17.357	162.459
41598.441	48708.602	33.122	31.986	24.039
1.023				
3/17/2016 6:45:00 AM	153900.000	72.142	17.359	162.506
41549.477	48649.848	33.082	31.943	24.068
1.023				
3/17/2016 7:00:00 AM	154800.000	72.140	17.360	162.502
41607.641	48716.621	33.127	31.992	24.034
1.023				
3/17/2016 7:15:00 AM	155700.000	72.150	17.361	162.524
41573.430	48675.895	33.100	31.963	24.054
1.023				
3/17/2016 7:30:00 AM	156600.000	72.157	17.353	162.541
41572.148	48682.973	33.104	31.967	24.055
1.023				
3/17/2016 7:45:00 AM	157500.000	72.144	17.356	162.511
41552.910	48656.430	33.086	31.948	24.066
1.023				
3/17/2016 8:00:00 AM	158400.000	72.159	17.360	162.545
41533.230	48629.770	33.068	31.929	24.077
1.023				
3/17/2016 8:15:00 AM	159300.000	72.164	17.354	162.557
41525.617	48627.148	33.066	31.926	24.082
1.023				
3/17/2016 8:30:00 AM	160200.000	72.149	17.357	162.522
41555.102	48658.715	33.088	31.950	24.064
1.023				
3/17/2016 8:45:00 AM	161100.000	72.167	17.359	162.563
41564.391	48666.637	33.093	31.956	24.059
1.023				
3/17/2016 9:00:00 AM	162000.000	72.163	17.355	162.555
41539.520	48641.797	33.076	31.937	24.073
1.023				
3/17/2016 9:15:00 AM	162900.000	72.166	17.353	162.561
41556.324	48664.441	33.092	31.954	24.064
1.023				
3/17/2016 9:30:00 AM	163800.000	72.162	17.363	162.552
41569.164	48668.324	33.094	31.957	24.056
1.023				
3/17/2016 9:45:00 AM	164700.000	72.161	17.358	162.549
41586.141	48693.633	33.112	31.975	24.046
1.023				
3/17/2016 10:00:00 AM	165600.000	72.156	17.351	162.538
41557.320	48667.320	33.094	31.956	24.063
1.023				
3/17/2016 10:15:00 AM	166500.000	72.150	17.354	162.526
41540.578	48644.102	33.078	31.939	24.073
1.023				



3/17/2016 10:30:00 AM	167400.000	72.144	17.357	162.512
41513.086	48608.656	33.054	31.913	24.089
1.023				
3/17/2016 10:45:00 AM	168300.000	72.122	17.353	162.461
41531.813	48635.438	33.072	31.932	24.078
1.023				
3/17/2016 11:00:00 AM	169200.000	72.131	17.353	162.481
41541.734	48646.590	33.080	31.941	24.072
1.023				
3/17/2016 11:15:00 AM	170100.000	72.126	17.357	162.471
41560.297	48664.328	33.092	31.954	24.061
1.023				
3/17/2016 11:30:00 AM	171000.000	72.116	17.362	162.448
41564.074	48663.031	33.091	31.953	24.059
1.023				
3/17/2016 11:45:00 AM	171900.000	72.113	17.358	162.442
41592.762	48701.387	33.117	31.981	24.043
1.023				
3/17/2016 12:00:00 PM	172800.000	72.100	17.360	162.413
41552.918	48652.348	33.084	31.945	24.066
1.023				
3/17/2016 12:15:00 PM	173700.000	72.091	17.354	162.393
41595.016	48708.793	33.122	31.986	24.041
1.023				
3/17/2016 12:30:00 PM	174600.000	72.082	17.356	162.372
41597.438	48709.434	33.122	31.987	24.040
1.023				
3/17/2016 12:45:00 PM	175500.000	72.068	17.354	162.340
41543.746	48647.992	33.081	31.942	24.071
1.023				
3/17/2016 1:00:00 PM	176400.000	72.049	17.352	162.297
41571.820	48683.344	33.105	31.967	24.055
1.023				
3/17/2016 1:15:00 PM	177300.000	72.051	17.353	162.303
41581.027	48692.988	33.111	31.975	24.049
1.023				
3/17/2016 1:30:00 PM	178200.000	72.028	17.355	162.250
41573.160	48681.297	33.103	31.966	24.054
1.023				
3/17/2016 1:45:00 PM	179100.000	72.033	17.357	162.262
41551.789	48654.836	33.085	31.947	24.066
1.023				
3/17/2016 2:00:00 PM	180000.000	72.026	17.354	162.245
41604.535	48719.563	33.129	31.994	24.036
1.023				
3/17/2016 2:15:00 PM	180900.000	72.000	17.355	162.187
41581.605	48691.379	33.110	31.974	24.049
1.023				
3/17/2016 2:30:00 PM	181800.000	72.011	17.358	162.212
41535.684	48634.934	33.072	31.932	24.076
1.023				
3/17/2016 2:45:00 PM	182700.000	72.004	17.358	162.195
41579.188	48684.926	33.106	31.969	24.050
1.023				
3/17/2016 3:00:00 PM	183600.000	71.998	17.354	162.183
41563.168	48671.301	33.096	31.959	24.060
1.023				
3/17/2016 3:15:00 PM	184500.000	71.991	17.352	162.167

41572.188	48683.301	33.105	31.967	24.055
1.023				
3/17/2016 3:30:00 PM	185400.000	71.982	17.356	162.146
41567.914	48674.191	33.098	31.961	24.057
1.023				
3/17/2016 3:45:00 PM	186300.000	71.976	17.354	162.134
41550.074	48655.402	33.086	31.947	24.067
1.023				
3/17/2016 4:00:00 PM	187200.000	71.961	17.356	162.100
41572.609	48680.172	33.103	31.965	24.054
1.023				
3/17/2016 4:15:00 PM	188100.000	71.973	17.357	162.127
41582.281	48690.266	33.109	31.973	24.049
1.023				
3/17/2016 4:30:00 PM	189000.000	71.974	17.355	162.130
41527.637	48628.738	33.068	31.928	24.080
1.023				
3/17/2016 4:45:00 PM	189900.000	71.972	17.355	162.123
41569.422	48677.668	33.101	31.963	24.056
1.023				
3/17/2016 5:00:00 PM	190800.000	71.974	17.355	162.129
41563.727	48670.527	33.096	31.958	24.059
1.023				
3/17/2016 5:15:00 PM	191700.000	71.974	17.357	162.130
41591.566	48700.551	33.116	31.980	24.043
1.023				
3/17/2016 5:30:00 PM	192600.000	71.975	17.354	162.130
41568.793	48677.324	33.101	31.963	24.057
1.023				
3/17/2016 5:45:00 PM	193500.000	71.979	17.355	162.139
41574.258	48682.664	33.104	31.967	24.053
1.023				
3/17/2016 6:00:00 PM	194400.000	71.983	17.351	162.148
41537.719	48644.836	33.078	31.939	24.075
1.023				
3/17/2016 6:15:00 PM	195300.000	71.986	17.353	162.156
41511.398	48611.832	33.056	31.915	24.090
1.023				
3/17/2016 6:30:00 PM	196200.000	71.994	17.355	162.173
41546.145	48649.938	33.082	31.943	24.070
1.023				
3/17/2016 6:45:00 PM	197100.000	71.997	17.355	162.180
41554.754	48660.492	33.089	31.951	24.065
1.023				
3/17/2016 7:00:00 PM	198000.000	72.000	17.359	162.188
41578.301	48683.016	33.104	31.968	24.051
1.023				
3/17/2016 7:15:00 PM	198900.000	71.994	17.352	162.172
41538.648	48644.309	33.078	31.939	24.074
1.023				
3/17/2016 7:30:00 PM	199800.000	72.012	17.351	162.214
41511.629	48613.426	33.057	31.916	24.090
1.023				
3/17/2016 7:45:00 PM	200700.000	72.020	17.352	162.232
41575.004	48686.883	33.107	31.970	24.053
1.023				
3/17/2016 8:00:00 PM	201600.000	72.011	17.355	162.212
41498.234	48593.363	33.043	31.902	24.097

1.023				
3/17/2016 8:15:00 PM	202500.000	72.031	17.352	162.257
41536.375	48642.215	33.077	31.937	24.075
1.023				
3/17/2016 8:30:00 PM	203400.000	72.041	17.358	162.280
41571.801	48676.367	33.100	31.963	24.055
1.023				
3/17/2016 8:45:00 PM	204300.000	72.040	17.358	162.277
41539.488	48638.727	33.074	31.935	24.073
1.023				
3/17/2016 9:00:00 PM	205200.000	72.048	17.349	162.294
41596.844	48715.508	33.127	31.991	24.040
1.023				
3/17/2016 9:15:00 PM	206100.000	72.051	17.353	162.301
41537.719	48642.164	33.077	31.937	24.075
1.023				
3/17/2016 9:30:00 PM	207000.000	72.054	17.356	162.310
41550.512	48653.535	33.084	31.946	24.067
1.023				
3/17/2016 9:45:00 PM	207900.000	72.046	17.354	162.290
41579.098	48689.672	33.109	31.972	24.051
1.023				
3/17/2016 10:00:00 PM	208800.000	72.045	17.359	162.289
41525.461	48621.246	33.062	31.922	24.082
1.023				
3/17/2016 10:15:00 PM	209700.000	72.065	17.353	162.332
41561.109	48669.855	33.096	31.958	24.061
1.023				
3/17/2016 10:30:00 PM	210600.000	72.063	17.355	162.328
41487.160	48580.676	33.035	31.892	24.104
1.023				
3/17/2016 10:45:00 PM	211500.000	72.062	17.351	162.327
41549.656	48658.051	33.087	31.949	24.068
1.023				
3/17/2016 11:00:00 PM	212400.000	72.065	17.353	162.334
41534.801	48638.938	33.074	31.935	24.076
1.023				
3/17/2016 11:15:00 PM	213300.000	72.069	17.355	162.342
41578.203	48687.094	33.107	31.970	24.051
1.023				
3/17/2016 11:30:00 PM	214200.000	72.068	17.355	162.341
41583.051	48693.254	33.111	31.975	24.048
1.023				
3/17/2016 11:45:00 PM	215100.000	72.066	17.350	162.335
41553.434	48664.395	33.092	31.953	24.065
1.023				
3/18/2016 12:00:00 AM	216000.000	72.064	17.351	162.331
41549.359	48658.375	33.088	31.949	24.068
1.023				
3/18/2016 12:15:00 AM	216900.000	72.049	17.350	162.298
41516.020	48619.805	33.061	31.921	24.087
1.023				
3/18/2016 12:30:00 AM	217800.000	72.047	17.352	162.292
41505.027	48604.742	33.051	31.910	24.093
1.023				
3/18/2016 12:45:00 AM	218700.000	72.057	17.348	162.316
41585.988	48703.844	33.119	31.982	24.047
1.023				

3/18/2016 1:00:00 AM	219600.000	72.058	17.349	162.318
41543.109	48652.488	33.084	31.945	24.071
1.023				
3/18/2016 1:15:00 AM	220500.000	72.054	17.355	162.309
41511.082	48608.605	33.054	31.913	24.090
1.023				
3/18/2016 1:30:00 AM	221400.000	72.054	17.354	162.309
41503.590	48600.969	33.049	31.907	24.094
1.023				
3/18/2016 1:45:00 AM	222300.000	72.050	17.353	162.299
41520.613	48622.430	33.063	31.923	24.084
1.023				
3/18/2016 2:00:00 AM	223200.000	72.047	17.350	162.292
41523.227	48629.098	33.068	31.928	24.083
1.023				
3/18/2016 2:15:00 AM	224100.000	72.044	17.354	162.285
41572.836	48682.246	33.104	31.967	24.054
1.023				
3/18/2016 2:30:00 AM	225000.000	72.025	17.356	162.244
41518.746	48617.000	33.060	31.919	24.086
1.023				
3/18/2016 2:45:00 AM	225900.000	72.043	17.352	162.284
41581.113	48693.844	33.112	31.975	24.049
1.023				
3/18/2016 3:00:00 AM	226800.000	72.042	17.346	162.282
41551.457	48665.586	33.093	31.954	24.067
1.023				
3/18/2016 3:15:00 AM	227700.000	72.042	17.354	162.282
41525.770	48627.598	33.067	31.927	24.081
1.023				
3/18/2016 3:30:00 AM	228600.000	72.044	17.358	162.287
41565.082	48669.074	33.095	31.957	24.059
1.023				
3/18/2016 3:45:00 AM	229500.000	72.029	17.355	162.251
41533.129	48635.078	33.072	31.932	24.077
1.023				
3/18/2016 4:00:00 AM	230400.000	72.044	17.352	162.287
41514.094	48615.359	33.058	31.918	24.088
1.023				
3/18/2016 4:15:00 AM	231300.000	72.044	17.355	162.287
41532.973	48634.430	33.071	31.932	24.077
1.023				
3/18/2016 4:30:00 AM	232200.000	72.048	17.356	162.295
41582.723	48692.105	33.111	31.974	24.048
1.023				
3/18/2016 4:45:00 AM	233100.000	72.049	17.356	162.298
41573.336	48681.023	33.103	31.966	24.054
1.023				
3/18/2016 5:00:00 AM	234000.000	72.053	17.358	162.305
41545.316	48645.738	33.079	31.940	24.070
1.023				
3/18/2016 5:15:00 AM	234900.000	72.055	17.353	162.312
41540.250	48645.617	33.079	31.940	24.073
1.023				
3/18/2016 5:30:00 AM	235800.000	72.062	17.351	162.327
41552.090	48661.000	33.089	31.951	24.066
1.023				
3/18/2016 5:45:00 AM	236700.000	72.063	17.353	162.329

41570.418	48680.273	33.103	31.965	24.056
1.023				
3/18/2016 6:00:00 AM	237600.000	72.073	17.352	162.351
41503.289	48603.000	33.050	31.909	24.094
1.023				
3/18/2016 6:15:00 AM	238500.000	72.074	17.355	162.353
41535.742	48638.230	33.074	31.935	24.076
1.023				
3/18/2016 6:30:00 AM	239400.000	72.082	17.355	162.372
41531.133	48632.742	33.070	31.931	24.078
1.023				
3/18/2016 6:45:00 AM	240300.000	72.083	17.355	162.374
41593.242	48705.563	33.120	31.984	24.042
1.023				
3/18/2016 7:00:00 AM	241200.000	72.088	17.349	162.385
41569.586	48683.586	33.105	31.968	24.056
1.023				
3/18/2016 7:15:00 AM	242100.000	72.081	17.357	162.369
41548.063	48650.281	33.082	31.944	24.069
1.023				
3/18/2016 7:30:00 AM	243000.000	72.101	17.355	162.414
41510.852	48608.609	33.054	31.913	24.090
1.023				
3/18/2016 7:45:00 AM	243900.000	72.106	17.351	162.427
41553.504	48663.230	33.091	31.953	24.065
1.023				
3/18/2016 8:00:00 AM	244800.000	72.111	17.353	162.438
41546.336	48652.828	33.084	31.945	24.070
1.023				
3/18/2016 8:15:00 AM	245700.000	72.113	17.351	162.441
41559.797	48669.926	33.096	31.958	24.062
1.023				
3/18/2016 8:30:00 AM	246600.000	72.123	17.352	162.465
41519.516	48621.711	33.063	31.922	24.085
1.023				
3/18/2016 8:45:00 AM	247500.000	72.122	17.354	162.462
41511.508	48610.523	33.055	31.914	24.090
1.023				
3/18/2016 9:00:00 AM	248400.000	72.126	17.355	162.470
41598.672	48711.363	33.124	31.988	24.039
1.023				
3/18/2016 9:15:00 AM	249300.000	72.125	17.356	162.469
41478.980	48570.344	33.028	31.885	24.109
1.023				
3/18/2016 9:30:00 AM	250200.000	72.127	17.356	162.473
41519.074	48617.102	33.060	31.919	24.085
1.023				
3/18/2016 9:45:00 AM	251100.000	72.124	17.355	162.467
41543.004	48646.641	33.080	31.941	24.071
1.023				
3/18/2016 10:00:00 AM	252000.000	72.115	17.353	162.445
41538.809	48643.738	33.078	31.939	24.074
1.023				
3/18/2016 10:15:00 AM	252900.000	72.124	17.356	162.467
41531.348	48631.371	33.069	31.930	24.078
1.023				
3/18/2016 10:30:00 AM	253800.000	72.121	17.358	162.460
41489.035	48579.648	33.034	31.892	24.103

1.023				
3/18/2016 10:45:00 AM	254700.000	72.120	17.349	162.457
41522.809	48628.805	33.068	31.927	24.083
1.023				
3/18/2016 11:00:00 AM	255600.000	72.114	17.355	162.445
41512.258	48609.785	33.055	31.914	24.089
1.023				
3/18/2016 11:15:00 AM	256500.000	72.112	17.355	162.440
41486.344	48580.383	33.035	31.892	24.104
1.023				
3/18/2016 11:30:00 AM	257400.000	72.105	17.356	162.423
41550.945	48654.234	33.085	31.946	24.067
1.023				
3/18/2016 11:45:00 AM	258300.000	72.095	17.353	162.401
41585.813	48698.301	33.115	31.979	24.047
1.023				
3/18/2016 12:00:00 PM	259200.000	72.088	17.353	162.386
41511.859	48611.496	33.056	31.915	24.090
1.023				
3/18/2016 12:15:00 PM	260100.000	72.064	17.352	162.332
41557.801	48667.008	33.094	31.956	24.063
1.023				
3/18/2016 12:30:00 PM	261000.000	72.073	17.357	162.351
41544.508	48645.547	33.079	31.940	24.071
1.023				
3/18/2016 12:45:00 PM	261900.000	72.049	17.353	162.297
41595.500	48709.445	33.122	31.987	24.041
1.023				
3/18/2016 1:00:00 PM	262800.000	72.053	17.356	162.306
41490.742	48583.926	33.037	31.895	24.102
1.023				
3/18/2016 1:15:00 PM	263700.000	72.045	17.356	162.289
41589.383	48699.141	33.115	31.979	24.045
1.023				
3/18/2016 1:30:00 PM	264600.000	72.037	17.353	162.271
41481.586	48577.004	33.032	31.890	24.107
1.023				
3/18/2016 1:45:00 PM	265500.000	72.028	17.345	162.249
41489.375	48594.027	33.044	31.902	24.103
1.023				
3/18/2016 2:00:00 PM	266400.000	72.020	17.352	162.232
41584.953	48698.633	33.115	31.979	24.047
1.023				
3/18/2016 2:15:00 PM	267300.000	71.990	17.358	162.164
41598.508	48708.113	33.122	31.986	24.039
1.023				
3/18/2016 2:30:00 PM	268200.000	71.983	17.355	162.148
41573.117	48681.523	33.103	31.966	24.054
1.023				
3/18/2016 2:45:00 PM	269100.000	71.972	17.355	162.125
41509.234	48606.633	33.053	31.911	24.091
1.023				
3/18/2016 3:00:00 PM	270000.000	71.978	17.351	162.138
41572.582	48685.383	33.106	31.969	24.054
1.023				
3/18/2016 3:15:00 PM	270900.000	71.969	17.359	162.117
41507.730	48600.582	33.048	31.907	24.092
1.023				

3/18/2016 3:30:00 PM 41563.914 1.023	271800.000 48670.746	71.947 33.096	17.355 31.958	162.069 24.059
3/18/2016 3:45:00 PM 41471.113 1.023	272700.000 48563.129	71.954 33.023	17.354 31.880	162.083 24.113
3/18/2016 4:00:00 PM 41502.016 1.023	273600.000 48594.563	71.949 33.044	17.358 31.903	162.073 24.095
3/18/2016 4:15:00 PM 41562.727 1.023	274500.000 48663.461	71.928 33.091	17.360 31.953	162.024 24.060
3/18/2016 4:30:00 PM 41596.680 1.023	275400.000 48705.215	71.938 33.120	17.359 31.984	162.047 24.040
3/18/2016 4:45:00 PM 41534.203 1.023	276300.000 48636.336	71.935 33.073	17.355 31.933	162.041 24.077
3/18/2016 5:00:00 PM 41567.344 1.023	277200.000 48678.012	71.933 33.101	17.352 31.964	162.035 24.057
3/18/2016 5:15:00 PM 41563.266 1.023	278100.000 48669.230	71.912 33.095	17.356 31.957	161.989 24.060
3/18/2016 5:30:00 PM 41555.617 1.023	279000.000 48662.457	71.927 33.090	17.354 31.952	162.024 24.064
3/18/2016 5:45:00 PM 41592.820 1.023	279900.000 48710.520	71.932 33.123	17.350 31.987	162.034 24.043
3/18/2016 6:00:00 PM 41549.340 1.023	280800.000 48655.883	71.934 33.086	17.353 31.947	162.039 24.068
3/18/2016 6:15:00 PM 41543.363 1.023	281700.000 48647.645	71.917 33.080	17.354 31.941	162.000 24.071
3/18/2016 6:30:00 PM 41531.523 1.023	282600.000 48637.672	71.933 33.074	17.351 31.934	162.037 24.078
3/18/2016 6:45:00 PM 41493.828 1.023	283500.000 48585.641	71.924 33.038	17.358 31.896	162.017 24.100
3/18/2016 7:00:00 PM 41479.105 1.023	284400.000 48569.066	71.938 33.027	17.357 31.884	162.048 24.109
3/18/2016 7:15:00 PM 41477.723 1.023	285300.000 48566.211	71.944 33.025	17.358 31.882	162.060 24.109
3/18/2016 7:30:00 PM 41468.074 1.023	286200.000 48561.180	71.934 33.022	17.353 31.878	162.038 24.115
3/18/2016 7:45:00 PM 41548.551 1.023	287100.000 48653.137	71.954 33.084	17.355 31.946	162.083 24.068
3/18/2016 8:00:00 PM 41516.773 1.023	288000.000 48618.590	71.961 33.061	17.352 31.920	162.100 24.087
3/18/2016 8:15:00 PM	288900.000	71.956	17.354	162.087

41538.828	48642.797	33.077	31.938	24.074
1.023				
3/18/2016 8:30:00 PM	289800.000	71.975	17.354	162.130
41615.414	48731.734	33.138	32.003	24.030
1.023				
3/18/2016 8:45:00 PM	290700.000	71.962	17.353	162.100
41559.867	48668.207	33.094	31.956	24.062
1.023				
3/18/2016 9:00:00 PM	291600.000	71.982	17.352	162.147
41574.559	48686.742	33.107	31.970	24.053
1.023				
3/18/2016 9:15:00 PM	292500.000	71.976	17.352	162.133
41481.742	48578.238	33.033	31.890	24.107
1.023				
3/18/2016 9:30:00 PM	293400.000	71.980	17.349	162.142
41457.574	48552.406	33.016	31.871	24.121
1.023				
3/18/2016 9:45:00 PM	294300.000	72.001	17.356	162.189
41520.195	48618.605	33.061	31.920	24.085
1.023				
3/18/2016 10:00:00 PM	295200.000	72.003	17.355	162.194
41482.727	48575.594	33.031	31.889	24.106
1.023				
3/18/2016 10:15:00 PM	296100.000	72.008	17.347	162.205
41533.980	48644.270	33.078	31.939	24.077
1.023				
3/18/2016 10:30:00 PM	297000.000	71.994	17.350	162.174
41464.668	48560.250	33.021	31.877	24.117
1.023				
3/18/2016 10:45:00 PM	297900.000	72.014	17.353	162.219
41471.637	48564.395	33.024	31.880	24.113
1.023				
3/18/2016 11:00:00 PM	298800.000	72.018	17.352	162.227
41555.074	48663.543	33.091	31.953	24.064
1.023				
3/18/2016 11:15:00 PM	299700.000	72.004	17.352	162.196
41555.867	48664.473	33.092	31.954	24.064
1.023				
3/18/2016 11:30:00 PM	300600.000	72.006	17.356	162.199
41581.258	48690.391	33.109	31.973	24.049
1.023				
3/18/2016 11:45:00 PM	301500.000	72.022	17.356	162.236
41485.184	48577.516	33.033	31.890	24.105
1.023				
3/19/2016 12:00:00 AM	302400.000	72.018	17.349	162.228
41445.898	48539.402	33.007	31.862	24.128
1.023				
3/19/2016 12:15:00 AM	303300.000	72.020	17.354	162.232
41517.359	48616.996	33.060	31.919	24.086
1.023				
3/19/2016 12:30:00 AM	304200.000	72.018	17.356	162.228
41520.082	48618.281	33.060	31.920	24.085
1.023				
3/19/2016 12:45:00 AM	305100.000	72.016	17.355	162.222
41524.648	48625.340	33.065	31.925	24.082
1.023				
3/19/2016 1:00:00 AM	306000.000	71.999	17.356	162.185
41499.363	48594.211	33.044	31.902	24.097



1.023				
3/19/2016 1:15:00 AM	306900.000	72.011	17.352	162.211
41495.328	48594.238	33.044	31.902	24.099
1.023				
3/19/2016 1:30:00 AM	307800.000	72.010	17.356	162.209
41457.461	48545.336	33.011	31.867	24.121
1.023				
3/19/2016 1:45:00 AM	308700.000	72.004	17.352	162.197
41516.535	48618.793	33.061	31.920	24.087
1.023				
3/19/2016 2:00:00 AM	309600.000	71.999	17.359	162.185
41539.512	48638.180	33.074	31.935	24.073
1.023				
3/19/2016 2:15:00 AM	310500.000	71.997	17.355	162.181
41503.379	48600.332	33.048	31.907	24.094
1.023				
3/19/2016 2:30:00 AM	311400.000	71.994	17.350	162.173
41482.473	48581.371	33.035	31.893	24.107
1.023				
3/19/2016 2:45:00 AM	312300.000	71.991	17.350	162.167
41485.520	48584.559	33.038	31.895	24.105
1.023				
3/19/2016 3:00:00 AM	313200.000	71.974	17.352	162.128
41490.059	48587.887	33.040	31.898	24.102
1.023				
3/19/2016 3:15:00 AM	314100.000	71.989	17.353	162.162
41490.820	48587.434	33.039	31.897	24.102
1.023				
3/19/2016 3:30:00 AM	315000.000	71.985	17.355	162.153
41524.855	48625.008	33.065	31.925	24.082
1.023				
3/19/2016 3:45:00 AM	315900.000	71.981	17.356	162.144
41466.195	48555.465	33.018	31.874	24.116
1.023				
3/19/2016 4:00:00 AM	316800.000	71.984	17.350	162.150
41531.121	48638.156	33.074	31.934	24.078
1.023				
3/19/2016 4:15:00 AM	317700.000	71.979	17.355	162.140
41515.738	48613.949	33.057	31.917	24.087
1.023				
3/19/2016 4:30:00 AM	318600.000	71.978	17.353	162.137
41482.672	48577.617	33.033	31.890	24.106
1.023				
3/19/2016 4:45:00 AM	319500.000	71.978	17.351	162.137
41559.605	48669.898	33.096	31.958	24.062
1.023				
3/19/2016 5:00:00 AM	320400.000	71.977	17.353	162.136
41546.645	48653.191	33.084	31.945	24.069
1.023				
3/19/2016 5:15:00 AM	321300.000	71.982	17.352	162.146
41546.586	48654.082	33.085	31.946	24.069
1.023				
3/19/2016 5:30:00 AM	322200.000	71.983	17.354	162.148
41499.148	48596.238	33.045	31.904	24.097
1.023				
3/19/2016 5:45:00 AM	323100.000	71.980	17.355	162.142
41410.012	48490.719	32.974	31.827	24.149
1.023				

3/19/2016 6:00:00 AM	324000.000	71.989	17.355	162.162
41497.410	48592.488	33.043	31.901	24.098
1.023				
3/19/2016 6:15:00 AM	324900.000	71.992	17.352	162.169
41538.254	48644.117	33.078	31.939	24.074
1.023				
3/19/2016 6:30:00 AM	325800.000	71.999	17.355	162.184
41464.156	48553.656	33.016	31.873	24.117
1.023				
3/19/2016 6:45:00 AM	326700.000	72.003	17.351	162.194
41478.504	48575.098	33.031	31.888	24.109
1.023				
3/19/2016 7:00:00 AM	327600.000	72.008	17.351	162.204
41487.102	48585.559	33.038	31.896	24.104
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3/19/2016 7:15:00 AM	328500.000	72.018	17.353	162.227
41478.691	48573.340	33.030	31.887	24.109
1.023				
3/19/2016 7:30:00 AM	329400.000	72.019	17.352	162.229
41491.848	48589.500	33.041	31.899	24.101
1.023				
3/19/2016 7:45:00 AM	330300.000	72.024	17.351	162.240
41530.457	48635.566	33.072	31.932	24.079
1.023				
3/19/2016 8:00:00 AM	331200.000	72.034	17.352	162.265
41534.012	48639.539	33.075	31.935	24.077
1.023				
3/19/2016 8:15:00 AM	332100.000	72.024	17.351	162.242
41533.656	48639.797	33.075	31.936	24.077
1.023				
3/19/2016 8:30:00 AM	333000.000	72.048	17.355	162.294
41431.219	48515.461	32.991	31.845	24.136
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3/19/2016 8:45:00 AM	333900.000	72.051	17.347	162.301
41544.781	48656.629	33.087	31.948	24.070
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3/19/2016 9:00:00 AM	334800.000	72.058	17.355	162.318
41517.313	48616.648	33.059	31.919	24.086
1.023				
3/19/2016 9:15:00 AM	335700.000	72.063	17.353	162.329
41483.441	48578.602	33.033	31.891	24.106
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3/19/2016 9:30:00 AM	336600.000	72.052	17.353	162.304
41582.379	48694.078	33.112	31.975	24.049
1.023				
3/19/2016 9:45:00 AM	337500.000	72.073	17.353	162.351
41454.570	48544.609	33.010	31.866	24.123
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3/19/2016 10:00:00 AM	338400.000	72.079	17.353	162.366
41436.484	48523.914	32.996	31.851	24.133
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3/19/2016 10:15:00 AM	339300.000	72.082	17.352	162.371
41578.781	48691.020	33.110	31.973	24.051
1.023				
3/19/2016 10:30:00 AM	340200.000	72.082	17.358	162.372
41528.867	48626.953	33.066	31.927	24.080
1.023				
3/19/2016 10:45:00 AM	341100.000	72.083	17.354	162.375

41521.160	48621.645	33.063	31.922	24.084
1.023				
3/19/2016 11:00:00 AM	342000.000	72.085	17.350	162.379
41575.922	48689.859	33.109	31.972	24.052
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3/19/2016 11:15:00 AM	342900.000	72.083	17.355	162.374
41436.965	48522.563	32.995	31.850	24.133
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3/19/2016 11:30:00 AM	343800.000	72.081	17.354	162.369
41542.461	48646.961	33.080	31.941	24.072
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3/19/2016 11:45:00 AM	344700.000	72.075	17.355	162.356
41529.363	48630.012	33.068	31.929	24.079
1.023				
3/19/2016 12:00:00 PM	345600.000	72.076	17.349	162.359
41551.496	48662.402	33.090	31.952	24.067
1.023				
3/19/2016 12:15:00 PM	346500.000	72.071	17.352	162.346
41511.172	48612.512	33.057	31.916	24.090
1.023				
3/19/2016 12:30:00 PM	347400.000	72.068	17.349	162.340
41523.816	48630.176	33.069	31.928	24.083
1.023				
3/19/2016 12:45:00 PM	348300.000	72.061	17.346	162.325
41448.172	48545.375	33.011	31.866	24.127
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3/19/2016 1:00:00 PM	349200.000	72.057	17.351	162.315
41533.500	48639.422	33.075	31.935	24.077
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3/19/2016 1:15:00 PM	350100.000	72.029	17.353	162.253
41495.824	48592.922	33.043	31.901	24.099
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3/19/2016 1:30:00 PM	351000.000	72.041	17.357	162.280
41504.672	48599.285	33.048	31.906	24.094
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3/19/2016 1:45:00 PM	351900.000	72.036	17.351	162.267
41510.652	48612.375	33.056	31.915	24.090
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41480.953	48574.742	33.031	31.888	24.107
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41508.363	48608.086	33.054	31.912	24.092
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3/19/2016 2:30:00 PM	354600.000	71.990	17.355	162.164
41525.277	48625.418	33.065	31.925	24.082
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41498.742	48597.203	33.046	31.904	24.097
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3/19/2016 3:00:00 PM	356400.000	71.977	17.353	162.135
41520.180	48621.441	33.063	31.922	24.085
1.023				
3/19/2016 3:15:00 PM	357300.000	71.979	17.352	162.139
41470.262	48564.121	33.024	31.880	24.114
1.023				
3/19/2016 3:30:00 PM	358200.000	71.958	17.353	162.092
41536.301	48640.504	33.076	31.936	24.075

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3/19/2016 3:45:00 PM	359100.000	71.965	17.354	162.109
41536.496	48639.406	33.075	31.935	24.075
1.023				
3/19/2016 4:00:00 PM	360000.000	71.960	17.351	162.097
41533.176	48639.125	33.075	31.935	24.077
1.023				
3/19/2016 4:15:00 PM	360900.000	71.954	17.354	162.083
41514.641	48613.910	33.057	31.917	24.088
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3/19/2016 4:30:00 PM	361800.000	71.932	17.351	162.033
41534.258	48640.594	33.076	31.936	24.077
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41547.484	48652.559	33.084	31.945	24.069
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3/19/2016 5:00:00 PM	363600.000	71.935	17.361	162.041
41449.676	48530.809	33.001	31.856	24.126
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3/19/2016 5:15:00 PM	364500.000	71.933	17.354	162.035
41538.066	48641.531	33.076	31.937	24.074
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3/19/2016 5:30:00 PM	365400.000	71.931	17.356	162.031
41488.254	48581.395	33.035	31.893	24.103
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41525.199	48629.219	33.068	31.928	24.082
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3/19/2016 6:00:00 PM	367200.000	71.911	17.349	161.987
41575.566	48691.262	33.110	31.973	24.053
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3/19/2016 6:15:00 PM	368100.000	71.909	17.353	161.983
41536.977	48641.402	33.076	31.937	24.075
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3/19/2016 6:30:00 PM	369000.000	71.927	17.362	162.024
41435.180	48512.793	32.989	31.843	24.134
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3/19/2016 6:45:00 PM	369900.000	71.916	17.354	161.997
41544.465	48648.734	33.081	31.942	24.071
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3/19/2016 7:00:00 PM	370800.000	71.931	17.356	162.032
41437.918	48522.074	32.995	31.850	24.132
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41525.965	48629.352	33.068	31.928	24.081
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3/19/2016 7:30:00 PM	372600.000	71.939	17.360	162.049
41576.078	48680.047	33.102	31.966	24.052
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41534.105	48634.984	33.072	31.932	24.077
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41499.859	48597.938	33.047	31.905	24.096
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41507.121	48608.434	33.054	31.913	24.092
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41545.230	48649.250	33.081	31.943	24.070
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41504.000	48603.168	33.050	31.909	24.094
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41505.590	48602.176	33.049	31.908	24.093
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41522.770	48618.094	33.060	31.920	24.083
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41450.656	48545.738	33.011	31.866	24.125
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41481.074	48575.648	33.031	31.889	24.107
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41444.539	48533.047	33.002	31.857	24.129
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41483.105	48577.367	33.033	31.890	24.106
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41503.832	48602.297	33.050	31.908	24.094
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41562.016	48671.387	33.097	31.959	24.060
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41440.281	48526.074	32.998	31.852	24.131
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41464.145	48556.195	33.018	31.874	24.117
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41440.145	48530.176	33.001	31.855	24.131
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41458.566	48554.508	33.017	31.873	24.120
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41491.168	48585.289	33.038	31.896	24.102
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41458.328	48542.176	33.009	31.865	24.121
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41457.379	48541.531	33.008	31.864	24.121
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41477.660	48573.930	33.030	31.887	24.109
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3/20/2016 1:00:00 AM	392400.000	72.024	17.354	162.241
41530.871	48633.105	33.071	31.931	24.078
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41472.746	48561.902	33.022	31.879	24.112
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41447.926	48531.320	33.001	31.857	24.127
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41544.102	48651.645	33.083	31.944	24.071
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41494.246	48588.031	33.040	31.898	24.100
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41490.008	48582.965	33.036	31.894	24.102
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41526.066	48627.945	33.067	31.927	24.081
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41488.688	48581.141	33.035	31.893	24.103
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41458.375	48550.781	33.015	31.870	24.121
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41452.074	48541.871	33.008	31.864	24.124
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41456.418	48546.203	33.011	31.867	24.122
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41480.945	48574.453	33.031	31.888	24.107
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3/20/2016 4:00:00 AM	403200.000	71.977	17.354	162.136
41538.973	48642.219	33.077	31.938	24.074
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41468.594	48561.215	33.022	31.878	24.115
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41479.121	48568.984	33.027	31.884	24.109
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41532.012	48637.488	33.073	31.934	24.078
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41559.086	48666.145	33.093	31.955	24.062
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41428.551	48511.766	32.988	31.842	24.138
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41445.332	48534.082	33.003	31.858	24.128
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41508.832	48604.348	33.051	31.910	24.091
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3/20/2016 6:00:00 AM	410400.000	71.973	17.358	162.126
41462.199	48548.699	33.013	31.869	24.118

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41538.953	48642.480	33.077	31.938	24.074
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41458.598	48547.422	33.012	31.868	24.120
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41472.766	48566.871	33.025	31.882	24.112
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3/20/2016 7:00:00 AM	414000.000	71.980	17.357	162.141
41538.094	48638.527	33.074	31.935	24.074
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41461.609	48552.191	33.015	31.872	24.119
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41517.996	48619.453	33.061	31.921	24.086
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41470.648	48561.832	33.022	31.879	24.113
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41443.422	48533.359	33.003	31.858	24.129
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3/20/2016 8:15:00 AM	418500.000	72.006	17.357	162.201
41453.789	48539.320	33.007	31.862	24.123
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3/20/2016 8:30:00 AM	419400.000	72.013	17.353	162.217
41486.793	48582.527	33.036	31.894	24.104
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41512.996	48612.547	33.057	31.916	24.089
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3/20/2016 9:00:00 AM	421200.000	72.029	17.348	162.253
41486.965	48587.871	33.040	31.897	24.104
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3/20/2016 9:15:00 AM	422100.000	72.033	17.353	162.261
41438.961	48527.004	32.998	31.853	24.132
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3/20/2016 9:30:00 AM	423000.000	72.035	17.358	162.266
41456.699	48542.070	33.009	31.864	24.122
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3/20/2016 9:45:00 AM	423900.000	72.048	17.350	162.295
41469.375	48565.180	33.024	31.881	24.114
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41454.297	48543.629	33.010	31.865	24.123
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41433.699	48519.027	32.993	31.847	24.135
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41485.484	48584.520	33.037	31.895	24.105
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3/20/2016 10:45:00 AM	427500.000	72.042	17.355	162.283
41503.594	48600.582	33.048	31.907	24.094
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41438.645	48525.871	32.998	31.852	24.132
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3/20/2016 11:15:00 AM	429300.000	72.050	17.355	162.300
41429.664	48513.348	32.989	31.843	24.137
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3/20/2016 11:30:00 AM	430200.000	72.065	17.347	162.332
41417.559	48508.488	32.986	31.839	24.144
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3/20/2016 11:45:00 AM	431100.000	72.066	17.357	162.335
41510.340	48606.387	33.052	31.911	24.090
1.023				
3/20/2016 12:00:00 PM	432000.000	72.060	17.350	162.323
41538.641	48646.582	33.080	31.940	24.074
1.023				
3/20/2016 12:15:00 PM	432900.000	72.044	17.352	162.287
41475.414	48570.734	33.028	31.885	24.111
1.023				
3/20/2016 12:30:00 PM	433800.000	72.058	17.353	162.317
41432.957	48519.973	32.994	31.848	24.135
1.023				
3/20/2016 12:45:00 PM	434700.000	72.051	17.360	162.303
41497.273	48587.098	33.039	31.897	24.098
1.023				
3/20/2016 1:00:00 PM	435600.000	72.034	17.358	162.263
41519.891	48615.969	33.059	31.918	24.085
1.023				
3/20/2016 1:15:00 PM	436500.000	72.043	17.359	162.285
41547.602	48647.750	33.080	31.942	24.069
1.023				
3/20/2016 1:30:00 PM	437400.000	72.018	17.356	162.228
41492.313	48585.863	33.038	31.896	24.101
1.023				
3/20/2016 1:45:00 PM	438300.000	72.012	17.356	162.215
41489.563	48582.828	33.036	31.894	24.102
1.023				
3/20/2016 2:00:00 PM	439200.000	72.019	17.355	162.229
41518.906	48618.340	33.060	31.920	24.085
1.023				
3/20/2016 2:15:00 PM	440100.000	71.999	17.357	162.186
41513.477	48609.402	33.054	31.914	24.089
1.023				
3/20/2016 2:30:00 PM	441000.000	72.001	17.359	162.189
41472.137	48559.199	33.020	31.877	24.113
1.023				
3/20/2016 2:45:00 PM	441900.000	71.980	17.355	162.142
41527.637	48627.793	33.067	31.927	24.080
1.023				
3/20/2016 3:00:00 PM	442800.000	71.988	17.357	162.161
41510.203	48605.762	33.052	31.911	24.090
1.023				
3/20/2016 3:15:00 PM	443700.000	71.963	17.353	162.103
41493.164	48589.715	33.041	31.899	24.100
1.023				
3/20/2016 3:30:00 PM	444600.000	71.967	17.357	162.112
41457.195	48543.883	33.010	31.866	24.121
1.023				
3/20/2016 3:45:00 PM	445500.000	71.941	17.353	162.054



41476.809	48570.750	33.028	31.885	24.110
1.023				
3/20/2016 4:00:00 PM	446400.000	71.949	17.357	162.072
41483.176	48574.305	33.031	31.888	24.106
1.023				
3/20/2016 4:15:00 PM	447300.000	71.941	17.355	162.055
41506.395	48603.492	33.050	31.909	24.093
1.023				
3/20/2016 4:30:00 PM	448200.000	71.923	17.354	162.013
41523.406	48624.559	33.065	31.925	24.083
1.023				
3/20/2016 4:45:00 PM	449100.000	71.912	17.356	161.988
41463.141	48551.227	33.015	31.871	24.118
1.023				
3/20/2016 5:00:00 PM	450000.000	71.919	17.360	162.004
41446.469	48528.184	32.999	31.854	24.128
1.023				
3/20/2016 5:15:00 PM	450900.000	71.912	17.357	161.988
41484.508	48576.055	33.032	31.889	24.105
1.023				
3/20/2016 5:30:00 PM	451800.000	71.908	17.360	161.980
41493.727	48582.945	33.036	31.894	24.100
1.023				
3/20/2016 5:45:00 PM	452700.000	71.904	17.354	161.970
41463.754	48554.320	33.017	31.873	24.117
1.023				
3/20/2016 6:00:00 PM	453600.000	71.901	17.356	161.964
41506.359	48602.313	33.050	31.908	24.093
1.023				
3/20/2016 6:15:00 PM	454500.000	71.898	17.358	161.958
41462.004	48548.000	33.013	31.869	24.118
1.023				
3/20/2016 6:30:00 PM	455400.000	71.895	17.349	161.950
41477.492	48576.293	33.032	31.889	24.109
1.023				
3/20/2016 6:45:00 PM	456300.000	71.878	17.356	161.913
41514.785	48611.980	33.056	31.915	24.088
1.023				
3/20/2016 7:00:00 PM	457200.000	71.893	17.354	161.946
41503.387	48600.828	33.049	31.907	24.094
1.023				
3/20/2016 7:15:00 PM	458100.000	71.895	17.355	161.950
41466.484	48556.188	33.018	31.875	24.116
1.023				
3/20/2016 7:30:00 PM	459000.000	71.899	17.357	161.960
41472.941	48561.566	33.022	31.879	24.112
1.023				
3/20/2016 7:45:00 PM	459900.000	71.900	17.351	161.961
41510.270	48612.500	33.057	31.916	24.090
1.023				
3/20/2016 8:00:00 PM	460800.000	71.903	17.357	161.968
41448.926	48534.391	33.003	31.859	24.126
1.023				
3/20/2016 8:15:00 PM	461700.000	71.907	17.358	161.978
41499.262	48591.430	33.042	31.901	24.097
1.023				
3/20/2016 8:30:00 PM	462600.000	71.911	17.359	161.987
41474.059	48561.352	33.022	31.879	24.111

1.023				
3/20/2016 8:45:00 PM	463500.000	71.919	17.354	162.006
41477.969	48571.156	33.028	31.885	24.109
1.023				
3/20/2016 9:00:00 PM	464400.000	71.922	17.355	162.011
41469.516	48560.121	33.021	31.877	24.114
1.023				
3/20/2016 9:15:00 PM	465300.000	71.933	17.351	162.035
41412.289	48497.555	32.978	31.831	24.147
1.023				
3/20/2016 9:30:00 PM	466200.000	71.942	17.355	162.056
41486.773	48580.988	33.035	31.893	24.104
1.023				
3/20/2016 9:45:00 PM	467100.000	71.931	17.356	162.032
41498.918	48593.500	33.044	31.902	24.097
1.023				
3/20/2016 10:00:00 PM	468000.000	71.954	17.351	162.085
41519.211	48622.770	33.063	31.923	24.085
1.023				
3/20/2016 10:15:00 PM	468900.000	71.957	17.360	162.091
41430.441	48509.609	32.987	31.841	24.137
1.023				
3/20/2016 10:30:00 PM	469800.000	71.965	17.354	162.108
41463.930	48555.289	33.018	31.874	24.117
1.023				
3/20/2016 10:45:00 PM	470700.000	71.972	17.354	162.125
41489.242	48584.449	33.037	31.895	24.103
1.023				
3/20/2016 11:00:00 PM	471600.000	71.974	17.354	162.129
41489.070	48584.156	33.037	31.895	24.103
1.023				
3/20/2016 11:15:00 PM	472500.000	71.965	17.355	162.108
41488.750	48583.203	33.037	31.894	24.103
1.023				
3/20/2016 11:30:00 PM	473400.000	71.983	17.353	162.149
41501.129	48599.805	33.048	31.906	24.096
1.023				
3/20/2016 11:45:00 PM	474300.000	71.991	17.353	162.167
41483.766	48578.898	33.034	31.891	24.106
1.023				
3/21/2016 12:00:00 AM	475200.000	71.995	17.351	162.175
41406.855	48491.012	32.974	31.827	24.151
1.023				
3/21/2016 12:15:00 AM	476100.000	71.996	17.350	162.179
41481.789	48579.813	33.034	31.892	24.107
1.023				
3/21/2016 12:30:00 AM	477000.000	72.001	17.353	162.189
41493.652	48590.379	33.041	31.899	24.100
1.023				
3/21/2016 12:45:00 AM	477900.000	71.985	17.360	162.153
41510.457	48603.215	33.050	31.909	24.090
1.023				
3/21/2016 1:00:00 AM	478800.000	71.995	17.357	162.175
41477.699	48567.137	33.026	31.883	24.109
1.023				
3/21/2016 1:15:00 AM	479700.000	71.995	17.355	162.176
41520.855	48620.051	33.062	31.921	24.084
1.023				

3/21/2016 1:30:00 AM	480600.000	71.982	17.354	162.147
41426.422	48510.887	32.987	31.841	24.139
1.023				
3/21/2016 1:45:00 AM	481500.000	71.994	17.354	162.175
41540.828	48644.859	33.079	31.939	24.073
1.023				
3/21/2016 2:00:00 AM	482400.000	71.993	17.351	162.171
41469.219	48563.949	33.023	31.880	24.114
1.023				
3/21/2016 2:15:00 AM	483300.000	71.991	17.353	162.167
41479.172	48573.711	33.030	31.887	24.108
1.023				
3/21/2016 2:30:00 AM	484200.000	71.987	17.355	162.157
41500.512	48596.230	33.045	31.904	24.096
1.023				
3/21/2016 2:45:00 AM	485100.000	71.981	17.349	162.144
41455.547	48550.313	33.014	31.870	24.122
1.023				
3/21/2016 3:00:00 AM	486000.000	71.962	17.354	162.102
41468.965	48560.422	33.021	31.878	24.114
1.023				
3/21/2016 3:15:00 AM	486900.000	71.954	17.355	162.084
41397.559	48475.754	32.964	31.816	24.156
1.023				
3/21/2016 3:30:00 AM	487800.000	71.969	17.355	162.117
41497.578	48593.066	33.043	31.902	24.098
1.023				
3/21/2016 3:45:00 AM	488700.000	71.949	17.356	162.071
41447.230	48533.449	33.003	31.858	24.127
1.023				
3/21/2016 4:00:00 AM	489600.000	71.942	17.357	162.057
41485.438	48576.281	33.032	31.889	24.105
1.023				
3/21/2016 4:15:00 AM	490500.000	71.957	17.354	162.089
41419.445	48502.535	32.982	31.835	24.143
1.023				
3/21/2016 4:30:00 AM	491400.000	71.949	17.355	162.073
41428.578	48512.566	32.989	31.843	24.138
1.023				
3/21/2016 4:45:00 AM	492300.000	71.931	17.359	162.030
41402.461	48477.805	32.965	31.817	24.153
1.023				
3/21/2016 5:00:00 AM	493200.000	71.926	17.352	162.021
41485.434	48581.797	33.036	31.893	24.105
1.023				
3/21/2016 5:15:00 AM	494100.000	71.940	17.352	162.051
41440.637	48529.430	33.000	31.855	24.131
1.023				
3/21/2016 5:30:00 AM	495000.000	71.923	17.349	162.013
41489.449	48589.645	33.041	31.899	24.103
1.023				
3/21/2016 5:45:00 AM	495900.000	71.921	17.359	162.009
41472.828	48559.719	33.021	31.877	24.112
1.023				
3/21/2016 6:00:00 AM	496800.000	71.933	17.358	162.036
41499.488	48592.172	33.043	31.901	24.097
1.023				
3/21/2016 6:15:00 AM	497700.000	71.931	17.355	162.031

41483.422	48576.590	33.032	31.889	24.106
1.023				
3/21/2016 6:30:00 AM	498600.000	71.915	17.357	161.996
41468.133	48556.500	33.018	31.875	24.115
1.023				
3/21/2016 6:45:00 AM	499500.000	71.920	17.353	162.006
41520.953	48622.254	33.063	31.923	24.084
1.023				
3/21/2016 7:00:00 AM	500400.000	71.924	17.356	162.016
41480.852	48571.965	33.029	31.886	24.108
1.023				
3/21/2016 7:15:00 AM	501300.000	71.941	17.357	162.055
41497.258	48590.605	33.042	31.900	24.098
1.023				
3/21/2016 7:30:00 AM	502200.000	71.944	17.354	162.062
41474.988	48568.039	33.026	31.883	24.111
1.023				
3/21/2016 7:45:00 AM	503100.000	71.949	17.357	162.071
41416.730	48495.832	32.977	31.830	24.145
1.023				
3/21/2016 8:00:00 AM	504000.000	71.951	17.353	162.077
41508.332	48608.434	33.054	31.913	24.092
1.023				
3/21/2016 8:15:00 AM	504900.000	71.958	17.357	162.092
41419.582	48499.172	32.979	31.833	24.143
1.023				
3/21/2016 8:30:00 AM	505800.000	71.967	17.356	162.113
41441.082	48525.777	32.998	31.852	24.131
1.023				
3/21/2016 8:45:00 AM	506700.000	71.970	17.353	162.120
41466.523	48558.516	33.020	31.876	24.116
1.023				
3/21/2016 9:00:00 AM	507600.000	71.962	17.355	162.102
41446.141	48532.750	33.002	31.857	24.128
1.023				
3/21/2016 9:15:00 AM	508500.000	71.985	17.355	162.154
41458.816	48547.484	33.012	31.868	24.120
1.023				
3/21/2016 9:30:00 AM	509400.000	71.991	17.358	162.167
41463.938	48550.070	33.014	31.870	24.117
1.023				
3/21/2016 9:45:00 AM	510300.000	72.000	17.350	162.187
41451.449	48545.039	33.011	31.866	24.125
1.023				
3/21/2016 10:00:00 AM	511200.000	71.985	17.353	162.153
41497.676	48595.379	33.045	31.903	24.098
1.023				
3/21/2016 10:15:00 AM	512100.000	71.997	17.353	162.179
41483.195	48578.422	33.033	31.891	24.106
1.023				
3/21/2016 10:30:00 AM	513000.000	72.020	17.353	162.232
41441.930	48530.563	33.001	31.856	24.130
1.023				
3/21/2016 10:45:00 AM	513900.000	72.025	17.351	162.243
41417.617	48504.277	32.983	31.836	24.144
1.023				
3/21/2016 11:00:00 AM	514800.000	72.035	17.354	162.266
41439.473	48526.449	32.998	31.853	24.132

1.023				
3/21/2016 11:15:00 AM	515700.000	72.020	17.354	162.231
41486.277	48581.461	33.035	31.893	24.104
1.023				
3/21/2016 11:30:00 AM	516600.000	72.040	17.354	162.278
41398.406	48477.898	32.965	31.817	24.156
1.023				
3/21/2016 11:45:00 AM	517500.000	72.025	17.355	162.244
41456.430	48544.691	33.010	31.866	24.122
1.023				
3/21/2016 12:00:00 PM	518400.000	72.044	17.354	162.285
41413.348	48495.855	32.977	31.830	24.147
1.023				
3/21/2016 12:15:00 PM	519300.000	72.046	17.352	162.291
41475.578	48570.164	33.028	31.885	24.111
1.023				
3/21/2016 12:30:00 PM	520200.000	72.047	17.355	162.292
41404.633	48484.422	32.969	31.822	24.152
1.023				
3/21/2016 12:45:00 PM	521100.000	72.046	17.353	162.291
41481.367	48576.746	33.032	31.889	24.107
1.023				
3/21/2016 1:00:00 PM	522000.000	72.030	17.357	162.255
41459.313	48545.891	33.011	31.867	24.120
1.023				
3/21/2016 1:15:00 PM	522900.000	72.044	17.357	162.285
41490.738	48582.879	33.036	31.894	24.102
1.023				
3/21/2016 1:30:00 PM	523800.000	72.041	17.355	162.280
41450.844	48538.070	33.006	31.861	24.125
1.023				
3/21/2016 1:45:00 PM	524700.000	72.021	17.357	162.235
41513.141	48609.203	33.054	31.913	24.089
1.023				
3/21/2016 2:00:00 PM	525600.000	72.030	17.355	162.254
41431.363	48515.723	32.991	31.845	24.136
1.023				
3/21/2016 2:15:00 PM	526500.000	72.028	17.354	162.250
41439.883	48526.750	32.998	31.853	24.131
1.023				
3/21/2016 2:30:00 PM	527400.000	72.021	17.350	162.234
41469.805	48565.777	33.025	31.881	24.114
1.023				
3/21/2016 2:45:00 PM	528300.000	72.012	17.353	162.215
41422.063	48506.727	32.985	31.838	24.142
1.023				
3/21/2016 3:00:00 PM	529200.000	72.007	17.356	162.202
41459.973	48548.469	33.013	31.869	24.120
1.023				
3/21/2016 3:15:00 PM	530100.000	71.995	17.358	162.176
41506.918	48601.160	33.049	31.908	24.092
1.023				
3/21/2016 3:30:00 PM	531000.000	71.975	17.356	162.131
41439.492	48523.813	32.996	31.851	24.132
1.023				
3/21/2016 3:45:00 PM	531900.000	71.968	17.353	162.115
41474.488	48568.035	33.026	31.883	24.111
1.023				

3/21/2016 4:00:00 PM	532800.000	71.976	17.355	162.132
41441.551	48527.078	32.998	31.853	24.130
1.023				
3/21/2016 4:15:00 PM	533700.000	71.967	17.356	162.112
41459.543	48547.395	33.012	31.868	24.120
1.023				
3/21/2016 4:30:00 PM	534600.000	71.945	17.359	162.063
41495.641	48586.813	33.039	31.897	24.099
1.023				
3/21/2016 4:45:00 PM	535500.000	71.952	17.357	162.079
41424.445	48504.781	32.983	31.837	24.140
1.023				
3/21/2016 5:00:00 PM	536400.000	71.948	17.358	162.070
41447.500	48530.906	33.001	31.856	24.127
1.023				
3/21/2016 5:15:00 PM	537300.000	71.941	17.359	162.053
41430.082	48509.293	32.986	31.840	24.137
1.023				
3/21/2016 5:30:00 PM	538200.000	71.937	17.357	162.045
41404.344	48482.094	32.968	31.820	24.152
1.023				
3/21/2016 5:45:00 PM	539100.000	71.934	17.357	162.039
41443.574	48528.125	32.999	31.854	24.129
1.023				
3/21/2016 6:00:00 PM	540000.000	71.930	17.359	162.030
41442.785	48524.344	32.997	31.851	24.130
1.023				
3/21/2016 6:15:00 PM	540900.000	71.908	17.356	161.980
41491.000	48584.512	33.037	31.895	24.102
1.023				
3/21/2016 6:30:00 PM	541800.000	71.920	17.354	162.007
41402.277	48482.148	32.968	31.820	24.153
1.023				
3/21/2016 6:45:00 PM	542700.000	71.919	17.358	162.004
41485.727	48576.156	33.032	31.889	24.105
1.023				
3/21/2016 7:00:00 PM	543600.000	71.922	17.350	162.011
41405.559	48490.535	32.974	31.826	24.151
1.023				
3/21/2016 7:15:00 PM	544500.000	71.920	17.348	162.006
41506.137	48611.086	33.056	31.914	24.093
1.023				
3/21/2016 7:30:00 PM	545400.000	71.920	17.358	162.006
41389.051	48462.578	32.955	31.806	24.161
1.023				
3/21/2016 7:45:00 PM	546300.000	71.926	17.352	162.020
41523.766	48626.777	33.066	31.926	24.083
1.023				
3/21/2016 8:00:00 PM	547200.000	71.924	17.354	162.016
41492.441	48588.387	33.040	31.898	24.101
1.023				
3/21/2016 8:15:00 PM	548100.000	71.927	17.358	162.023
41483.660	48573.355	33.030	31.887	24.106
1.023				
3/21/2016 8:30:00 PM	549000.000	71.929	17.359	162.026
41441.457	48523.078	32.996	31.851	24.130
1.023				
3/21/2016 8:45:00 PM	549900.000	71.942	17.359	162.056

41468.645	48555.109	33.017	31.874	24.115
1.023				
3/21/2016 9:00:00 PM	550800.000	71.945	17.355	162.063
41445.262	48532.379	33.002	31.857	24.128
1.023				
3/21/2016 9:15:00 PM	551700.000	71.949	17.358	162.072
41483.176	48573.359	33.030	31.887	24.106
1.023				
3/21/2016 9:30:00 PM	552600.000	71.940	17.357	162.053
41457.250	48543.945	33.010	31.866	24.121
1.023				
3/21/2016 9:45:00 PM	553500.000	71.962	17.355	162.102
41412.137	48492.637	32.975	31.828	24.148
1.023				
3/21/2016 10:00:00 PM	554400.000	71.969	17.355	162.117
41428.133	48511.938	32.988	31.842	24.138
1.023				
3/21/2016 10:15:00 PM	555300.000	71.970	17.350	162.120
41446.203	48538.813	33.006	31.861	24.128
1.023				
3/21/2016 10:30:00 PM	556200.000	71.979	17.356	162.139
41451.605	48538.383	33.006	31.862	24.125
1.023				
3/21/2016 10:45:00 PM	557100.000	71.972	17.351	162.124
41427.641	48515.734	32.991	31.845	24.138
1.023				
3/21/2016 11:00:00 PM	558000.000	71.994	17.353	162.173
41494.309	48591.242	33.042	31.900	24.100
1.023				
3/21/2016 11:15:00 PM	558900.000	72.001	17.355	162.190
41509.652	48607.012	33.053	31.912	24.091
1.023				
3/21/2016 11:30:00 PM	559800.000	72.006	17.354	162.200
41421.836	48505.617	32.984	31.837	24.142
1.023				
3/21/2016 11:45:00 PM	560700.000	71.992	17.354	162.170
41445.180	48533.223	33.003	31.858	24.128
1.023				
3/22/2016 12:00:00 AM	561600.000	72.015	17.358	162.221
41440.199	48523.129	32.996	31.850	24.131
1.023				
3/22/2016 12:15:00 AM	562500.000	72.005	17.352	162.198
41406.785	48489.695	32.973	31.826	24.151
1.023				
3/22/2016 12:30:00 AM	563400.000	72.023	17.359	162.239
41501.539	48592.961	33.043	31.902	24.095
1.023				
3/22/2016 12:45:00 AM	564300.000	72.024	17.351	162.242
41401.074	48483.957	32.969	31.821	24.154
1.023				
3/22/2016 1:00:00 AM	565200.000	72.024	17.352	162.242
41468.012	48561.859	33.022	31.878	24.115
1.023				
3/22/2016 1:15:00 AM	566100.000	72.011	17.359	162.212
41472.008	48559.141	33.020	31.877	24.113
1.023				
3/22/2016 1:30:00 AM	567000.000	72.009	17.363	162.208
41454.680	48533.813	33.003	31.859	24.123

1.023				
3/22/2016 1:45:00 AM	567900.000	72.024	17.354	162.242
41440.406	48527.262	32.999	31.853	24.131
1.023				
3/22/2016 2:00:00 AM	568800.000	72.005	17.358	162.198
41415.816	48494.488	32.976	31.829	24.145
1.023				
3/22/2016 2:15:00 AM	569700.000	72.018	17.358	162.228
41478.418	48567.301	33.026	31.883	24.109
1.023				
3/22/2016 2:30:00 AM	570600.000	72.001	17.357	162.189
41448.961	48534.430	33.003	31.859	24.126
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3/22/2016 2:45:00 AM	571500.000	71.998	17.349	162.182
41404.047	48490.000	32.973	31.826	24.152
1.023				
3/22/2016 3:00:00 AM	572400.000	72.006	17.358	162.201
41466.672	48553.273	33.016	31.873	24.116
1.023				
3/22/2016 3:15:00 AM	573300.000	72.001	17.362	162.189
41463.586	48545.477	33.011	31.867	24.118
1.023				
3/22/2016 3:30:00 AM	574200.000	71.998	17.358	162.182
41485.906	48575.988	33.032	31.889	24.105
1.023				
3/22/2016 3:45:00 AM	575100.000	71.974	17.357	162.129
41473.645	48563.418	33.023	31.880	24.112
1.023				
3/22/2016 4:00:00 AM	576000.000	71.984	17.359	162.152
41474.563	48562.320	33.022	31.879	24.111
1.023				
3/22/2016 4:15:00 AM	576900.000	71.983	17.355	162.149
41466.258	48556.008	33.018	31.874	24.116
1.023				
3/22/2016 4:30:00 AM	577800.000	71.974	17.357	162.130
41433.766	48515.691	32.991	31.845	24.135
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3/22/2016 4:45:00 AM	578700.000	71.967	17.357	162.113
41410.227	48488.984	32.973	31.825	24.149
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3/22/2016 5:00:00 AM	579600.000	71.963	17.356	162.104
41451.910	48538.164	33.006	31.861	24.124
1.023				
3/22/2016 5:15:00 AM	580500.000	71.955	17.355	162.085
41426.367	48509.680	32.987	31.840	24.139
1.023				
3/22/2016 5:30:00 AM	581400.000	71.954	17.356	162.083
41396.539	48473.621	32.962	31.814	24.157
1.023				
3/22/2016 5:45:00 AM	582300.000	71.948	17.357	162.071
41414.633	48493.473	32.976	31.829	24.146
1.023				
3/22/2016 6:00:00 AM	583200.000	71.948	17.356	162.069
41414.422	48494.270	32.976	31.829	24.146
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3/22/2016 6:15:00 AM	584100.000	71.941	17.350	162.053
41428.492	48517.121	32.992	31.846	24.138
1.023				



3/22/2016 6:30:00 AM	585000.000	71.943	17.351	162.059
41456.098	48548.586	33.013	31.869	24.122
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3/22/2016 6:45:00 AM	585900.000	71.938	17.359	162.048
41438.766	48520.219	32.994	31.848	24.132
1.023				
3/22/2016 7:00:00 AM	586800.000	71.938	17.355	162.048
41394.609	48472.219	32.961	31.813	24.158
1.023				
3/22/2016 7:15:00 AM	587700.000	71.935	17.360	162.041
41511.906	48604.148	33.051	31.910	24.089
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3/22/2016 7:30:00 AM	588600.000	71.919	17.357	162.005
41428.520	48509.734	32.987	31.841	24.138
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3/22/2016 7:45:00 AM	589500.000	71.937	17.360	162.045
41431.992	48510.762	32.987	31.842	24.136
1.023				
3/22/2016 8:00:00 AM	590400.000	71.939	17.355	162.051
41410.844	48491.504	32.974	31.827	24.148
1.023				
3/22/2016 8:15:00 AM	591300.000	71.944	17.351	162.062
41443.617	48533.781	33.003	31.858	24.129
1.023				
3/22/2016 8:30:00 AM	592200.000	71.949	17.353	162.072
41376.664	48453.180	32.948	31.799	24.168
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3/22/2016 8:45:00 AM	593100.000	71.952	17.353	162.079
41421.742	48507.031	32.985	31.838	24.142
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3/22/2016 9:00:00 AM	594000.000	71.958	17.356	162.092
41400.965	48478.992	32.966	31.818	24.154
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41436.758	48520.813	32.994	31.849	24.133
1.023				
3/22/2016 9:30:00 AM	595800.000	71.966	17.355	162.111
41397.711	48476.504	32.964	31.816	24.156
1.023				
3/22/2016 9:45:00 AM	596700.000	71.976	17.356	162.132
41478.539	48570.207	33.028	31.885	24.109
1.023				
3/22/2016 10:00:00 AM	597600.000	71.984	17.355	162.150
41419.809	48501.809	32.981	31.835	24.143
1.023				
3/22/2016 10:15:00 AM	598500.000	71.987	17.356	162.158
41451.910	48539.027	33.007	31.862	24.124
1.023				
3/22/2016 10:30:00 AM	599400.000	71.992	17.356	162.169
41490.504	48583.930	33.037	31.895	24.102
1.023				
3/22/2016 10:45:00 AM	600300.000	71.998	17.349	162.183
41463.695	48560.051	33.021	31.877	24.117
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3/22/2016 11:00:00 AM	601200.000	72.003	17.361	162.194
41404.113	48477.367	32.965	31.817	24.152
1.023				
3/22/2016 11:15:00 AM	602100.000	72.006	17.357	162.200

41479.395	48569.406	33.027	31.884	24.108
1.023				
3/22/2016 11:30:00 AM	603000.000	72.013	17.357	162.216
41440.875	48524.102	32.996	31.851	24.131
1.023				
3/22/2016 11:45:00 AM	603900.000	72.002	17.353	162.191
41401.543	48482.805	32.968	31.821	24.154
1.023				
3/22/2016 12:00:00 PM	604800.000	72.010	17.358	162.210
41414.855	48493.363	32.975	31.829	24.146
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3/22/2016 12:15:00 PM	605700.000	72.023	17.355	162.238
41398.246	48476.281	32.964	31.816	24.156
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3/22/2016 12:30:00 PM	606600.000	72.015	17.351	162.220
41482.715	48579.758	33.034	31.892	24.106
1.023				
3/22/2016 12:45:00 PM	607500.000	72.017	17.352	162.225
41456.387	48548.453	33.013	31.869	24.122
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3/22/2016 1:00:00 PM	608400.000	72.014	17.358	162.218
41443.266	48526.059	32.998	31.853	24.129
1.023				
3/22/2016 1:15:00 PM	609300.000	72.014	17.350	162.219
41517.277	48621.469	33.063	31.922	24.086
1.023				
3/22/2016 1:30:00 PM	610200.000	72.029	17.355	162.252
41477.398	48569.164	33.027	31.884	24.110
1.023				
3/22/2016 1:45:00 PM	611100.000	72.026	17.359	162.247
41413.949	48490.488	32.974	31.827	24.146
1.023				
3/22/2016 2:00:00 PM	612000.000	72.023	17.352	162.239
41437.863	48526.180	32.998	31.852	24.133
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3/22/2016 2:15:00 PM	612900.000	72.024	17.356	162.240
41447.676	48533.398	33.003	31.858	24.127
1.023				
3/22/2016 2:30:00 PM	613800.000	72.018	17.356	162.228
41490.434	48583.848	33.037	31.895	24.102
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3/22/2016 2:45:00 PM	614700.000	72.000	17.356	162.187
41374.293	48447.758	32.944	31.795	24.170
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3/22/2016 3:00:00 PM	615600.000	71.993	17.353	162.171
41422.027	48506.410	32.984	31.838	24.142
1.023				
3/22/2016 3:15:00 PM	616500.000	71.999	17.352	162.185
41489.832	48586.949	33.039	31.897	24.102
1.023				
3/22/2016 3:30:00 PM	617400.000	71.996	17.354	162.177
41420.730	48504.703	32.983	31.837	24.142
1.023				
3/22/2016 3:45:00 PM	618300.000	71.991	17.357	162.168
41435.270	48518.125	32.992	31.847	24.134
1.023				
3/22/2016 4:00:00 PM	619200.000	71.985	17.356	162.153
41450.781	48536.754	33.005	31.860	24.125

1.023				
3/22/2016 4:15:00 PM	620100.000	71.975	17.358	162.131
41392.438	48467.203	32.958	31.810	24.159
1.023				
3/22/2016 4:30:00 PM	621000.000	71.968	17.357	162.115
41378.938	48451.578	32.947	31.798	24.167
1.023				
3/22/2016 4:45:00 PM	621900.000	71.960	17.353	162.097
41404.898	48486.445	32.971	31.823	24.152
1.023				
3/22/2016 5:00:00 PM	622800.000	71.951	17.358	162.078
41471.094	48559.023	33.020	31.877	24.113
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3/22/2016 5:15:00 PM	623700.000	71.948	17.355	162.071
41387.309	48464.516	32.956	31.807	24.162
1.023				
3/22/2016 5:30:00 PM	624600.000	71.941	17.354	162.054
41439.715	48526.555	32.998	31.853	24.131
1.023				
3/22/2016 5:45:00 PM	625500.000	71.935	17.353	162.040
41394.566	48475.016	32.963	31.815	24.158
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3/22/2016 6:00:00 PM	626400.000	71.928	17.352	162.026
41456.652	48548.664	33.013	31.869	24.122
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3/22/2016 6:15:00 PM	627300.000	71.927	17.356	162.024
41384.199	48459.641	32.953	31.804	24.164
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3/22/2016 6:30:00 PM	628200.000	71.906	17.351	161.974
41441.555	48531.363	33.001	31.856	24.130
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3/22/2016 6:45:00 PM	629100.000	71.919	17.353	162.006
41433.438	48519.961	32.994	31.848	24.135
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3/22/2016 7:00:00 PM	630000.000	71.913	17.361	161.992
41382.273	48451.797	32.947	31.798	24.165
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3/22/2016 7:15:00 PM	630900.000	71.916	17.358	161.997
41399.711	48475.141	32.963	31.815	24.155
1.023				
3/22/2016 7:30:00 PM	631800.000	71.912	17.355	161.990
41401.051	48480.227	32.967	31.819	24.154
1.023				
3/22/2016 7:45:00 PM	632700.000	71.916	17.357	161.998
41377.348	48449.816	32.946	31.797	24.168
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3/22/2016 8:00:00 PM	633600.000	71.916	17.360	161.999
41363.402	48430.547	32.933	31.783	24.176
1.023				
3/22/2016 8:15:00 PM	634500.000	71.901	17.356	161.964
41419.469	48500.469	32.980	31.834	24.143
1.023				
3/22/2016 8:30:00 PM	635400.000	71.918	17.353	162.003
41439.262	48527.355	32.999	31.853	24.132
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3/22/2016 8:45:00 PM	636300.000	71.922	17.353	162.011
41423.406	48508.023	32.985	31.839	24.141
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3/22/2016 9:00:00 PM	637200.000	71.911	17.357	161.987
41458.598	48545.625	33.011	31.867	24.120
1.023				
3/22/2016 9:15:00 PM	638100.000	71.929	17.357	162.026
41425.020	48505.824	32.984	31.838	24.140
1.023				
3/22/2016 9:30:00 PM	639000.000	71.938	17.353	162.047
41396.430	48476.898	32.964	31.816	24.157
1.023				
3/22/2016 9:45:00 PM	639900.000	71.941	17.356	162.054
41442.602	48527.457	32.999	31.854	24.130
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3/22/2016 10:00:00 PM	640800.000	71.928	17.362	162.025
41401.281	48473.301	32.962	31.814	24.154
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3/22/2016 10:15:00 PM	641700.000	71.938	17.353	162.046
41432.594	48519.547	32.993	31.848	24.136
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3/22/2016 10:30:00 PM	642600.000	71.958	17.354	162.091
41478.426	48571.887	33.029	31.886	24.109
1.023				
3/22/2016 10:45:00 PM	643500.000	71.966	17.351	162.110
41477.414	48573.359	33.030	31.887	24.110
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41482.449	48580.309	33.035	31.892	24.107
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3/22/2016 11:15:00 PM	645300.000	71.977	17.357	162.134
41425.305	48506.070	32.984	31.838	24.140
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3/22/2016 11:30:00 PM	646200.000	71.986	17.350	162.156
41415.359	48502.203	32.982	31.835	24.146
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41393.043	48469.906	32.960	31.811	24.159
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41378.461	48452.828	32.948	31.799	24.167
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3/23/2016 12:15:00 AM	648900.000	72.000	17.349	162.186
41466.320	48563.402	33.023	31.879	24.116
1.023				
3/23/2016 12:30:00 AM	649800.000	71.989	17.353	162.161
41449.938	48539.188	33.007	31.862	24.125
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3/23/2016 12:45:00 AM	650700.000	71.996	17.356	162.177
41468.504	48557.699	33.019	31.876	24.115
1.023				
3/23/2016 1:00:00 AM	651600.000	72.012	17.353	162.215
41455.676	48545.906	33.011	31.867	24.122
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3/23/2016 1:15:00 AM	652500.000	72.013	17.352	162.217
41436.473	48524.461	32.997	31.851	24.133
1.023				
3/23/2016 1:30:00 AM	653400.000	72.012	17.351	162.214
41354.863	48430.695	32.933	31.782	24.181
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41409.152	48488.957	32.972	31.825	24.149
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41446.387	48533.594	33.003	31.858	24.128
1.023				
3/23/2016 2:15:00 AM	656100.000	71.997	17.355	162.181
41413.508	48494.813	32.976	31.830	24.147
1.023				
3/23/2016 2:30:00 AM	657000.000	72.008	17.358	162.205
41402.004	48478.125	32.965	31.818	24.153
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41392.336	48467.656	32.958	31.810	24.159
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3/23/2016 3:00:00 AM	658800.000	72.002	17.352	162.192
41387.113	48466.852	32.957	31.809	24.162
1.023				
3/23/2016 3:15:00 AM	659700.000	71.999	17.358	162.185
41362.105	48430.742	32.933	31.783	24.177
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3/23/2016 3:30:00 AM	660600.000	71.994	17.352	162.173
41448.480	48539.285	33.007	31.862	24.126
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3/23/2016 3:45:00 AM	661500.000	71.987	17.355	162.157
41477.438	48569.781	33.027	31.884	24.109
1.023				
3/23/2016 4:00:00 AM	662400.000	71.986	17.352	162.155
41418.504	48503.801	32.983	31.836	24.144
1.023				
3/23/2016 4:15:00 AM	663300.000	71.974	17.356	162.130
41430.480	48513.555	32.989	31.843	24.137
1.023				
3/23/2016 4:30:00 AM	664200.000	71.970	17.355	162.119
41410.797	48491.449	32.974	31.827	24.148
1.023				
3/23/2016 4:45:00 AM	665100.000	71.966	17.353	162.110
41418.758	48502.855	32.982	31.835	24.144
1.023				
3/23/2016 5:00:00 AM	666000.000	71.958	17.352	162.092
41369.469	48446.285	32.943	31.794	24.172
1.023				
3/23/2016 5:15:00 AM	666900.000	71.950	17.356	162.075
41476.453	48567.668	33.026	31.883	24.110
1.023				
3/23/2016 5:30:00 AM	667800.000	71.945	17.357	162.063
41432.090	48514.484	32.990	31.844	24.136
1.023				
3/23/2016 5:45:00 AM	668700.000	71.922	17.357	162.011
41392.742	48468.328	32.958	31.810	24.159
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3/23/2016 6:00:00 AM	669600.000	71.930	17.353	162.030
41476.336	48569.898	33.028	31.884	24.110
1.023				
3/23/2016 6:15:00 AM	670500.000	71.927	17.353	162.022
41452.934	48542.793	33.009	31.865	24.124
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3/23/2016 6:30:00 AM	671400.000	71.908	17.354	161.980
41384.082	48461.680	32.954	31.805	24.164

1.023				
3/23/2016 6:45:00 AM	672300.000	71.918	17.360	162.003
41371.375	48440.070	32.939	31.790	24.171
1.023				
3/23/2016 7:00:00 AM	673200.000	71.917	17.355	162.000
41414.598	48495.516	32.977	31.830	24.146
1.023				
3/23/2016 7:15:00 AM	674100.000	71.917	17.353	162.000
41424.754	48509.695	32.987	31.840	24.140
1.023				
3/23/2016 7:30:00 AM	675000.000	71.913	17.353	161.992
41391.734	48471.891	32.961	31.813	24.159
1.023				
3/23/2016 7:45:00 AM	675900.000	71.907	17.356	161.977
41462.770	48551.645	33.015	31.871	24.118
1.023				
3/23/2016 8:00:00 AM	676800.000	71.906	17.358	161.975
41440.438	48523.219	32.996	31.851	24.131
1.023				
3/23/2016 8:15:00 AM	677700.000	71.909	17.355	161.983
41445.465	48531.961	33.002	31.857	24.128
1.023				
3/23/2016 8:30:00 AM	678600.000	71.910	17.353	161.984
41431.383	48518.023	32.992	31.846	24.136
1.023				
3/23/2016 8:45:00 AM	679500.000	71.895	17.357	161.951
41363.391	48434.141	32.935	31.785	24.176
1.023				
3/23/2016 9:00:00 AM	680400.000	71.916	17.356	161.998
41406.148	48485.152	32.970	31.823	24.151
1.023				
3/23/2016 9:15:00 AM	681300.000	71.922	17.351	162.012
41365.762	48442.605	32.941	31.791	24.175
1.023				
3/23/2016 9:30:00 AM	682200.000	71.921	17.351	162.008
41433.656	48522.207	32.995	31.849	24.135
1.023				
3/23/2016 9:45:00 AM	683100.000	71.926	17.349	162.020
41433.969	48525.141	32.997	31.851	24.135
1.023				
3/23/2016 10:00:00 AM	684000.000	71.934	17.350	162.039
41380.418	48460.902	32.953	31.804	24.166
1.023				
3/23/2016 10:15:00 AM	684900.000	71.936	17.355	162.043
41406.902	48487.078	32.971	31.824	24.151
1.023				
3/23/2016 10:30:00 AM	685800.000	71.945	17.352	162.063
41426.035	48512.238	32.988	31.842	24.139
1.023				
3/23/2016 10:45:00 AM	686700.000	71.947	17.351	162.068
41373.039	48451.219	32.947	31.797	24.170
1.023				
3/23/2016 11:00:00 AM	687600.000	71.954	17.354	162.083
41397.188	48476.844	32.964	31.816	24.156
1.023				
3/23/2016 11:15:00 AM	688500.000	71.941	17.355	162.055
41394.211	48471.941	32.961	31.813	24.158
1.023				

3/23/2016 11:30:00 AM	689400.000	71.963	17.350	162.104
41445.801	48537.762	33.006	31.861	24.128
1.023				
3/23/2016 11:45:00 AM	690300.000	71.968	17.357	162.115
41435.539	48518.715	32.993	31.847	24.134
1.023				
3/23/2016 12:00:00 PM	691200.000	71.974	17.357	162.130
41386.172	48460.992	32.953	31.805	24.163
1.023				
3/23/2016 12:15:00 PM	692100.000	71.979	17.355	162.140
41452.148	48539.785	33.007	31.863	24.124
1.023				
3/23/2016 12:30:00 PM	693000.000	71.982	17.353	162.146
41411.133	48494.035	32.976	31.829	24.148
1.023				
3/23/2016 12:45:00 PM	693900.000	71.986	17.359	162.156
41415.699	48493.020	32.975	31.828	24.145
1.023				
3/23/2016 1:00:00 PM	694800.000	71.971	17.355	162.121
41381.293	48456.520	32.950	31.802	24.166
1.023				
3/23/2016 1:15:00 PM	695700.000	71.991	17.354	162.167
41354.621	48426.625	32.930	31.780	24.181
1.023				
3/23/2016 1:30:00 PM	696600.000	71.988	17.357	162.160
41475.629	48565.566	33.025	31.881	24.111
1.023				
3/23/2016 1:45:00 PM	697500.000	71.989	17.351	162.162
41412.230	48497.406	32.978	31.831	24.147
1.023				
3/23/2016 2:00:00 PM	698400.000	71.976	17.353	162.132
41388.723	48467.793	32.958	31.810	24.161
1.023				
3/23/2016 2:15:00 PM	699300.000	71.986	17.352	162.156
41397.094	48478.438	32.965	31.817	24.156
1.023				
3/23/2016 2:30:00 PM	700200.000	71.983	17.353	162.149
41398.879	48480.066	32.966	31.819	24.155
1.023				
3/23/2016 2:45:00 PM	701100.000	71.980	17.354	162.142
41400.109	48480.262	32.967	31.819	24.155
1.023				
3/23/2016 3:00:00 PM	702000.000	71.960	17.356	162.096
41410.582	48490.633	32.974	31.827	24.148
1.023				
3/23/2016 3:15:00 PM	702900.000	71.970	17.351	162.119
41354.734	48430.543	32.933	31.782	24.181
1.023				
3/23/2016 3:30:00 PM	703800.000	71.962	17.357	162.101
41433.168	48515.367	32.990	31.845	24.135
1.023				
3/23/2016 3:45:00 PM	704700.000	71.958	17.356	162.093
41391.199	48467.074	32.958	31.809	24.160
1.023				
3/23/2016 4:00:00 PM	705600.000	71.956	17.357	162.089
41407.395	48485.484	32.970	31.823	24.150
1.023				
3/23/2016 4:15:00 PM	706500.000	71.948	17.356	162.070

41428.098	48510.762	32.987	31.841	24.138
1.023				
3/23/2016 4:30:00 PM	707400.000	71.926	17.353	162.019
41463.305	48554.641	33.017	31.873	24.118
1.023				
3/23/2016 4:45:00 PM	708300.000	71.935	17.353	162.041
41437.242	48524.121	32.996	31.851	24.133
1.023				
3/23/2016 5:00:00 PM	709200.000	71.926	17.355	162.019
41402.961	48482.000	32.968	31.820	24.153
1.023				
3/23/2016 5:15:00 PM	710100.000	71.916	17.357	161.997
41460.082	48546.508	33.012	31.868	24.120
1.023				
3/23/2016 5:30:00 PM	711000.000	71.910	17.359	161.984
41429.547	48509.422	32.986	31.840	24.137
1.023				
3/23/2016 5:45:00 PM	711900.000	71.905	17.353	161.974
41397.332	48477.680	32.965	31.817	24.156
1.023				
3/23/2016 6:00:00 PM	712800.000	71.900	17.349	161.962
41388.402	48471.773	32.961	31.812	24.161
1.023				
3/23/2016 6:15:00 PM	713700.000	71.892	17.353	161.943
41420.234	48504.883	32.983	31.837	24.143
1.023				
3/23/2016 6:30:00 PM	714600.000	71.889	17.356	161.936
41433.887	48517.633	32.992	31.846	24.135
1.023				
3/23/2016 6:45:00 PM	715500.000	71.885	17.359	161.927
41430.574	48510.438	32.987	31.841	24.137
1.023				
3/23/2016 7:00:00 PM	716400.000	71.881	17.355	161.919
41368.539	48441.879	32.940	31.791	24.173
1.023				
3/23/2016 7:15:00 PM	717300.000	71.877	17.351	161.909
41411.813	48497.105	32.978	31.831	24.148
1.023				
3/23/2016 7:30:00 PM	718200.000	71.876	17.356	161.907
41398.516	48475.645	32.963	31.816	24.155
1.023				
3/23/2016 7:45:00 PM	719100.000	71.859	17.355	161.870
41452.758	48540.773	33.008	31.863	24.124
1.023				
3/23/2016 8:00:00 PM	720000.000	71.859	17.348	161.870
41435.250	48527.305	32.999	31.853	24.134
1.023				
3/23/2016 8:15:00 PM	720900.000	71.869	17.358	161.893
41463.051	48549.227	33.013	31.870	24.118
1.023				
3/23/2016 8:30:00 PM	721800.000	71.874	17.351	161.904
41427.637	48515.066	32.990	31.844	24.138
1.023				
3/23/2016 8:45:00 PM	722700.000	71.862	17.351	161.877
41361.551	48437.766	32.938	31.788	24.177
1.023				
3/23/2016 9:00:00 PM	723600.000	71.874	17.356	161.903
41383.520	48457.996	32.951	31.803	24.164



1.023				
3/23/2016 9:15:00 PM	724500.000	71.876	17.354	161.908
41422.355	48505.660	32.984	31.837	24.142
1.023				
3/23/2016 9:30:00 PM	725400.000	71.881	17.355	161.919
41398.234	48477.117	32.964	31.817	24.156
1.023				
3/23/2016 9:45:00 PM	726300.000	71.886	17.354	161.930
41400.613	48481.035	32.967	31.819	24.154
1.023				
3/23/2016 10:00:00 PM	727200.000	71.891	17.354	161.941
41406.355	48487.578	32.972	31.824	24.151
1.023				
3/23/2016 10:15:00 PM	728100.000	71.883	17.354	161.924
41474.469	48567.633	33.026	31.883	24.111
1.023				
3/23/2016 10:30:00 PM	729000.000	71.887	17.353	161.933
41424.488	48509.863	32.987	31.840	24.140
1.023				
3/23/2016 10:45:00 PM	729900.000	71.907	17.354	161.978
41403.984	48484.520	32.969	31.822	24.152
1.023				
3/23/2016 11:00:00 PM	730800.000	71.917	17.357	162.000
41400.250	48476.633	32.964	31.816	24.154
1.023				
3/23/2016 11:15:00 PM	731700.000	71.907	17.353	161.978
41403.715	48485.539	32.970	31.823	24.152
1.023				
3/23/2016 11:30:00 PM	732600.000	71.928	17.352	162.026
41358.191	48433.078	32.934	31.784	24.179
1.023				
3/23/2016 11:45:00 PM	733500.000	71.918	17.357	162.002
41380.297	48453.172	32.948	31.799	24.166
1.023				

Report Date: 3/24/2016 2:16:38 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

#### Log File Properties:

File Name: MPWSP MW-8S LT Test\_2016-03-24\_09-02-42-495-BaroMerge.wsl  
Create Date: 3/24/2016 2:13:47 PM

#### Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-8S  
Device Name:  
Serial Number: 428966  
Firmware Version: 2.00  
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-8S 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 9:07:00 AM	Used Battery: 2% Used Memory: 6% User Name: KMakar
1/21/2016 9:00:38 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
1/28/2016 9:25:14 AM	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 10:20:54 AM	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 10:08:06 AM	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 11:29:03 AM	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 10:53:00 AM	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 12:57:16 PM	Log Download - Used Battery: 4% Used Memory: 7% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:45:00 PM
3/10/2016 2:40:43 PM	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 12:40:31 PM	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 9:01:47 AM	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
3/24/2016 2:13:47 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-03-24_13-31-57-718.wsl""

Log Data:

Record Count: 852

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	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft
Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: Baro-Adj Calc	Sensor: PCTD(A) 197.3ft
SN#: 428966	SN#: 428966	SN#: 428966	SN#: 428966
SN#: 428966	SN#: 428966	SN#: 428966	SN#: 428966
SN#: 000000			

Date and Time	Elapsed Time	Corrected Pressure (PSI)	Corrected Temperature (C)	Depth (ft)	Actual
3/17/2016 12:00:00 AM	129600.000				
1834.812	2203.676	20.491	16.236	46.705	
1.000	14.721	1.138	1498.500	545.015	
3/17/2016 12:15:00 AM	130500.000				
1830.061	2197.966	20.497	16.236	46.720	
		1.135	1494.617	546.430	

1.000	14.719			
3/17/2016 12:30:00 AM	131400.000	20.496	16.236	46.718
1825.652	2192.675	1.132	1491.019	547.750
1.000	14.722			
3/17/2016 12:45:00 AM	132300.000	20.498	16.236	46.722
1821.696	2187.924	1.129	1487.788	548.939
1.000	14.716			
3/17/2016 1:00:00 AM	133200.000	20.493	16.236	46.710
1818.448	2184.022	1.127	1485.135	549.920
1.000	14.717			
3/17/2016 1:15:00 AM	134100.000	20.494	16.237	46.712
1815.401	2180.351	1.125	1482.639	550.842
1.000	14.715			
3/17/2016 1:30:00 AM	135000.000	20.493	16.236	46.710
1812.703	2177.118	1.124	1480.441	551.662
1.000	14.721			
3/17/2016 1:45:00 AM	135900.000	20.496	16.237	46.716
1810.636	2174.614	1.122	1478.737	552.292
1.000	14.714			
3/17/2016 2:00:00 AM	136800.000	20.490	16.237	46.704
1809.463	2173.219	1.121	1477.789	552.650
1.000	14.719			
3/17/2016 2:15:00 AM	137700.000	20.499	16.237	46.724
1809.223	2172.921	1.121	1477.587	552.724
1.000	14.714			
3/17/2016 2:30:00 AM	138600.000	20.505	16.237	46.737
1808.255	2171.754	1.121	1476.793	553.019
1.000	14.706			
3/17/2016 2:45:00 AM	139500.000	20.494	16.237	46.713
1806.363	2169.477	1.119	1475.244	553.599
1.000	14.711			
3/17/2016 3:00:00 AM	140400.000	20.502	16.237	46.730
1803.934	2166.557	1.118	1473.259	554.344
1.000	14.705			
3/17/2016 3:15:00 AM	141300.000	20.506	16.237	46.738
1801.358	2163.454	1.116	1471.148	555.137
1.000	14.700			
3/17/2016 3:30:00 AM	142200.000	20.501	16.237	46.728
1799.262	2160.923	1.115	1469.428	555.784
1.000	14.708			
3/17/2016 3:45:00 AM	143100.000	20.503	16.238	46.732
1796.922	2158.104	1.113	1467.511	556.507
1.000	14.703			
3/17/2016 4:00:00 AM	144000.000	20.501	16.238	46.729
1794.669	2155.394	1.112	1465.668	557.206
1.000	14.698			
3/17/2016 4:15:00 AM	144900.000	20.505	16.238	46.737
1792.652	2152.963	1.110	1464.015	557.833
1.000	14.697			
3/17/2016 4:30:00 AM	145800.000	20.498	16.238	46.722
1790.738	2150.642	1.109	1462.437	558.429
1.000	14.701			
3/17/2016 4:45:00 AM	146700.000	20.492	16.238	46.707
1789.092	2148.704	1.108	1461.119	558.943
1.000	14.703			
3/17/2016 5:00:00 AM	147600.000	20.489	16.238	46.701
1788.215	2147.651	1.108	1460.403	559.217

1.000	14.696			
3/17/2016 5:15:00 AM	148500.000	20.497	16.238	46.719
1787.286	2146.514	1.107	1459.630	559.508
1.000	14.695			
3/17/2016 5:30:00 AM	149400.000	20.496	16.238	46.718
1785.904	2144.867	1.106	1458.510	559.941
1.000	14.697			
3/17/2016 5:45:00 AM	150300.000	20.503	16.237	46.732
1785.661	2144.597	1.106	1458.326	560.017
1.000	14.693			
3/17/2016 6:00:00 AM	151200.000	20.503	16.237	46.732
1787.244	2146.494	1.107	1459.616	559.521
1.000	14.688			
3/17/2016 6:15:00 AM	152100.000	20.499	16.237	46.724
1789.340	2149.024	1.108	1461.337	558.865
1.000	14.695			
3/17/2016 6:30:00 AM	153000.000	20.497	16.237	46.719
1791.273	2151.332	1.110	1462.906	558.262
1.000	14.691			
3/17/2016 6:45:00 AM	153900.000	20.509	16.237	46.747
1794.228	2154.890	1.112	1465.325	557.343
1.000	14.688			
3/17/2016 7:00:00 AM	154800.000	20.503	16.237	46.732
1797.842	2159.243	1.114	1468.285	556.223
1.000	14.692			
3/17/2016 7:15:00 AM	155700.000	20.498	16.236	46.720
1800.681	2162.680	1.116	1470.623	555.345
1.000	14.694			
3/17/2016 7:30:00 AM	156600.000	20.499	16.237	46.723
1803.323	2165.840	1.117	1472.771	554.532
1.000	14.695			
3/17/2016 7:45:00 AM	157500.000	20.504	16.236	46.734
1804.867	2167.716	1.118	1474.047	554.057
1.000	14.694			
3/17/2016 8:00:00 AM	158400.000	20.495	16.236	46.713
1806.525	2169.707	1.120	1475.401	553.549
1.000	14.696			
3/17/2016 8:15:00 AM	159300.000	20.498	16.237	46.722
1807.655	2171.043	1.120	1476.309	553.203
1.000	14.699			
3/17/2016 8:30:00 AM	160200.000	20.495	16.237	46.715
1808.079	2171.557	1.121	1476.659	553.073
1.000	14.699			
3/17/2016 8:45:00 AM	161100.000	20.502	16.237	46.731
1808.460	2172.005	1.121	1476.963	552.957
1.000	14.695			
3/17/2016 9:00:00 AM	162000.000	20.500	16.236	46.726
1808.141	2171.640	1.121	1476.715	553.054
1.000	14.697			
3/17/2016 9:15:00 AM	162900.000	20.500	16.237	46.726
1806.629	2169.819	1.120	1475.477	553.517
1.000	14.697			
3/17/2016 9:30:00 AM	163800.000	20.500	16.237	46.727
1806.235	2169.320	1.119	1475.137	553.638
1.000	14.696			
3/17/2016 9:45:00 AM	164700.000	20.499	16.236	46.724
1805.847	2168.884	1.119	1474.841	553.757

1.000	14.694			
3/17/2016 10:00:00 AM	165600.000	20.493	16.237	46.709
1802.186	2164.466	1.117	1471.837	554.882
1.000	14.698			
3/17/2016 10:15:00 AM	166500.000	20.493	16.237	46.710
1797.543	2158.863	1.114	1468.026	556.315
1.000	14.699			
3/17/2016 10:30:00 AM	167400.000	20.496	16.237	46.716
1793.425	2153.921	1.111	1464.667	557.592
1.000	14.699			
3/17/2016 10:45:00 AM	168300.000	20.489	16.238	46.701
1787.586	2146.895	1.107	1459.889	559.414
1.000	14.702			
3/17/2016 11:00:00 AM	169200.000	20.503	16.237	46.734
1782.457	2140.740	1.104	1455.703	561.023
1.000	14.689			
3/17/2016 11:15:00 AM	170100.000	20.494	16.237	46.713
1778.703	2136.245	1.101	1452.647	562.207
1.000	14.693			
3/17/2016 11:30:00 AM	171000.000	20.493	16.238	46.711
1773.968	2130.520	1.098	1448.753	563.708
1.000	14.694			
3/17/2016 11:45:00 AM	171900.000	20.497	16.238	46.719
1768.371	2123.801	1.095	1444.185	565.492
1.000	14.685			
3/17/2016 12:00:00 PM	172800.000	20.499	16.238	46.724
1764.505	2119.146	1.092	1441.019	566.731
1.000	14.688			
3/17/2016 12:15:00 PM	173700.000	20.496	16.238	46.716
1761.041	2114.982	1.090	1438.188	567.846
1.000	14.691			
3/17/2016 12:30:00 PM	174600.000	20.495	16.239	46.714
1756.822	2109.893	1.087	1434.727	569.210
1.000	14.695			
3/17/2016 12:45:00 PM	175500.000	20.493	16.239	46.711
1738.901	2088.337	1.075	1420.070	575.076
1.000	14.689			
3/17/2016 1:00:00 PM	176400.000	20.487	16.239	46.695
1753.206	2105.559	1.085	1431.780	570.384
1.000	14.693			
3/17/2016 1:15:00 PM	177300.000	20.492	16.239	46.708
1756.675	2109.704	1.087	1434.599	569.257
1.000	14.689			
3/17/2016 1:30:00 PM	178200.000	20.485	16.238	46.691
1757.079	2110.232	1.087	1434.958	569.126
1.000	14.692			
3/17/2016 1:45:00 PM	179100.000	20.493	16.239	46.711
1752.872	2105.127	1.085	1431.487	570.492
1.000	14.688			
3/17/2016 2:00:00 PM	180000.000	20.488	16.239	46.699
1749.450	2101.018	1.082	1428.692	571.608
1.000	14.689			
3/17/2016 2:15:00 PM	180900.000	20.491	16.239	46.704
1745.831	2096.664	1.080	1425.732	572.793
1.000	14.687			
3/17/2016 2:30:00 PM	181800.000	20.487	16.240	46.696
1742.675	2092.856	1.078	1423.142	573.831

1.000	14.690			
3/17/2016 2:45:00 PM	182700.000	20.502	16.239	46.731
1740.044	2089.714	1.076	1421.006	574.698
1.000	14.675			
3/17/2016 3:00:00 PM	183600.000	20.488	16.240	46.700
1737.461	2086.578	1.075	1418.873	575.552
1.000	14.684			
3/17/2016 3:15:00 PM	184500.000	20.491	16.240	46.706
1735.661	2084.437	1.073	1417.417	576.149
1.000	14.683			
3/17/2016 3:30:00 PM	185400.000	20.488	16.240	46.698
1734.112	2082.552	1.072	1416.135	576.664
1.000	14.684			
3/17/2016 3:45:00 PM	186300.000	20.493	16.240	46.710
1733.574	2081.923	1.072	1415.708	576.843
1.000	14.682			
3/17/2016 4:00:00 PM	187200.000	20.483	16.239	46.686
1733.114	2081.387	1.072	1415.343	576.996
1.000	14.684			
3/17/2016 4:15:00 PM	188100.000	20.492	16.239	46.708
1734.022	2082.486	1.072	1416.091	576.694
1.000	14.680			
3/17/2016 4:30:00 PM	189000.000	20.490	16.239	46.702
1735.755	2084.575	1.073	1417.511	576.118
1.000	14.680			
3/17/2016 4:45:00 PM	189900.000	20.491	16.239	46.705
1736.107	2084.999	1.074	1417.799	576.001
1.000	14.676			
3/17/2016 5:00:00 PM	190800.000	20.488	16.238	46.699
1737.613	2086.845	1.075	1419.055	575.502
1.000	14.678			
3/17/2016 5:15:00 PM	191700.000	20.487	16.239	46.695
1737.486	2086.659	1.075	1418.928	575.544
1.000	14.682			
3/17/2016 5:30:00 PM	192600.000	20.487	16.239	46.697
1739.546	2089.145	1.076	1420.619	574.863
1.000	14.684			
3/17/2016 5:45:00 PM	193500.000	20.488	16.238	46.698
1743.813	2094.299	1.079	1424.123	573.456
1.000	14.681			
3/17/2016 6:00:00 PM	194400.000	20.496	16.238	46.717
1747.230	2098.411	1.081	1426.920	572.334
1.000	14.678			
3/17/2016 6:15:00 PM	195300.000	20.485	16.237	46.692
1751.874	2104.010	1.084	1430.727	570.817
1.000	14.687			
3/17/2016 6:30:00 PM	196200.000	20.492	16.238	46.707
1756.245	2109.254	1.087	1434.293	569.397
1.000	14.686			
3/17/2016 6:45:00 PM	197100.000	20.491	16.237	46.704
1760.124	2113.953	1.089	1437.488	568.142
1.000	14.687			
3/17/2016 7:00:00 PM	198000.000	20.483	16.237	46.686
1764.392	2119.065	1.092	1440.965	566.768
1.000	14.694			
3/17/2016 7:15:00 PM	198900.000	20.487	16.237	46.696
1768.542	2124.050	1.095	1444.354	565.438

1.000	14.690			
3/17/2016 7:30:00 PM	199800.000	20.484	16.236	46.689
1772.918	2129.348	1.098	1447.957	564.042
1.000	14.693			
3/17/2016 7:45:00 PM	200700.000	20.488	16.236	46.698
1775.859	2132.871	1.100	1450.353	563.108
1.000	14.692			
3/17/2016 8:00:00 PM	201600.000	20.484	16.236	46.690
1779.583	2137.345	1.102	1453.395	561.929
1.000	14.703			
3/17/2016 8:15:00 PM	202500.000	20.489	16.236	46.700
1782.882	2141.312	1.104	1456.092	560.889
1.000	14.701			
3/17/2016 8:30:00 PM	203400.000	20.487	16.236	46.696
1786.469	2145.637	1.107	1459.033	559.763
1.000	14.699			
3/17/2016 8:45:00 PM	204300.000	20.480	16.236	46.680
1787.594	2146.992	1.107	1459.954	559.411
1.000	14.710			
3/17/2016 9:00:00 PM	205200.000	20.489	16.236	46.700
1786.986	2146.240	1.107	1459.443	559.602
1.000	14.704			
3/17/2016 9:15:00 PM	206100.000	20.487	16.237	46.697
1785.714	2144.687	1.106	1458.387	560.000
1.000	14.703			
3/17/2016 9:30:00 PM	207000.000	20.482	16.237	46.686
1783.275	2141.762	1.104	1456.398	560.766
1.000	14.707			
3/17/2016 9:45:00 PM	207900.000	20.483	16.237	46.688
1780.508	2138.425	1.103	1454.129	561.638
1.000	14.709			
3/17/2016 10:00:00 PM	208800.000	20.479	16.237	46.678
1778.124	2135.554	1.101	1452.177	562.390
1.000	14.712			
3/17/2016 10:15:00 PM	209700.000	20.487	16.237	46.696
1776.596	2133.736	1.100	1450.941	562.874
1.000	14.707			
3/17/2016 10:30:00 PM	210600.000	20.485	16.237	46.691
1773.796	2130.347	1.098	1448.636	563.763
1.000	14.710			
3/17/2016 10:45:00 PM	211500.000	20.478	16.238	46.675
1769.609	2125.301	1.095	1445.205	565.097
1.000	14.715			
3/17/2016 11:00:00 PM	212400.000	20.483	16.238	46.688
1766.390	2121.436	1.093	1442.576	566.126
1.000	14.713			
3/17/2016 11:15:00 PM	213300.000	20.481	16.238	46.682
1755.573	2108.418	1.086	1433.725	569.615
1.000	14.710			
3/17/2016 11:30:00 PM	214200.000	20.482	16.239	46.686
1741.746	2091.792	1.077	1422.418	574.136
1.000	14.710			
3/17/2016 11:45:00 PM	215100.000	20.480	16.239	46.680
1731.959	2080.034	1.071	1414.423	577.381
1.000	14.712			
3/18/2016 12:00:00 AM	216000.000	20.485	16.239	46.693
1725.121	2071.816	1.067	1408.835	579.669



1.000	14.714			
3/18/2016 12:15:00 AM	216900.000	20.482	16.239	46.685
1721.015	2066.860	1.064	1405.465	581.053
1.000	14.712			
3/18/2016 12:30:00 AM	217800.000	20.481	16.239	46.683
1718.241	2063.551	1.062	1403.214	581.990
1.000	14.708			
3/18/2016 12:45:00 AM	218700.000	20.490	16.240	46.703
1715.677	2060.421	1.060	1401.086	582.860
1.000	14.707			
3/18/2016 1:00:00 AM	219600.000	20.487	16.240	46.695
1713.675	2058.005	1.059	1399.443	583.541
1.000	14.705			
3/18/2016 1:15:00 AM	220500.000	20.482	16.240	46.685
1711.734	2055.690	1.058	1397.869	584.203
1.000	14.709			
3/18/2016 1:30:00 AM	221400.000	20.486	16.241	46.694
1707.073	2050.030	1.055	1394.020	585.798
1.000	14.708			
3/18/2016 1:45:00 AM	222300.000	20.485	16.241	46.692
1699.181	2040.574	1.050	1387.591	588.519
1.000	14.705			
3/18/2016 2:00:00 AM	223200.000	20.478	16.242	46.676
1693.063	2033.190	1.046	1382.569	590.645
1.000	14.709			
3/18/2016 2:15:00 AM	224100.000	20.477	16.241	46.674
1689.163	2028.514	1.043	1379.389	592.009
1.000	14.710			
3/18/2016 2:30:00 AM	225000.000	20.484	16.242	46.690
1686.206	2024.943	1.041	1376.961	593.047
1.000	14.703			
3/18/2016 2:45:00 AM	225900.000	20.483	16.242	46.688
1683.630	2021.861	1.040	1374.866	593.955
1.000	14.706			
3/18/2016 3:00:00 AM	226800.000	20.485	16.242	46.692
1681.645	2019.478	1.038	1373.245	594.656
1.000	14.705			
3/18/2016 3:15:00 AM	227700.000	20.487	16.242	46.697
1679.923	2017.406	1.037	1371.836	595.265
1.000	14.704			
3/18/2016 3:30:00 AM	228600.000	20.483	16.242	46.687
1678.560	2015.772	1.036	1370.725	595.749
1.000	14.705			
3/18/2016 3:45:00 AM	229500.000	20.483	16.242	46.687
1677.361	2014.329	1.035	1369.744	596.174
1.000	14.703			
3/18/2016 4:00:00 AM	230400.000	20.488	16.242	46.699
1676.265	2013.005	1.035	1368.843	596.564
1.000	14.697			
3/18/2016 4:15:00 AM	231300.000	20.479	16.242	46.678
1675.316	2011.860	1.034	1368.065	596.902
1.000	14.702			
3/18/2016 4:30:00 AM	232200.000	20.489	16.242	46.702
1674.301	2010.641	1.033	1367.236	597.264
1.000	14.696			
3/18/2016 4:45:00 AM	233100.000	20.480	16.241	46.680
1673.338	2009.510	1.033	1366.467	597.608

1.000	14.704			
3/18/2016 5:00:00 AM	234000.000	20.490	16.241	46.704
1672.905	2008.998	1.033	1366.119	597.763
1.000	14.694			
3/18/2016 5:15:00 AM	234900.000	20.473	16.242	46.664
1672.279	2008.230	1.032	1365.596	597.986
1.000	14.713			
3/18/2016 5:30:00 AM	235800.000	20.490	16.241	46.703
1671.515	2007.317	1.032	1364.975	598.260
1.000	14.700			
3/18/2016 5:45:00 AM	236700.000	20.482	16.241	46.685
1671.283	2007.054	1.032	1364.797	598.343
1.000	14.706			
3/18/2016 6:00:00 AM	237600.000	20.488	16.240	46.700
1671.322	2007.134	1.032	1364.851	598.329
1.000	14.709			
3/18/2016 6:15:00 AM	238500.000	20.480	16.239	46.679
1672.663	2008.792	1.032	1365.979	597.849
1.000	14.712			
3/18/2016 6:30:00 AM	239400.000	20.478	16.239	46.676
1675.417	2012.120	1.034	1368.242	596.866
1.000	14.714			
3/18/2016 6:45:00 AM	240300.000	20.480	16.239	46.680
1678.268	2015.540	1.036	1370.567	595.852
1.000	14.714			
3/18/2016 7:00:00 AM	241200.000	20.482	16.238	46.685
1680.431	2018.190	1.038	1372.369	595.085
1.000	14.715			
3/18/2016 7:15:00 AM	242100.000	20.474	16.239	46.666
1682.661	2020.828	1.039	1374.163	594.297
1.000	14.717			
3/18/2016 7:30:00 AM	243000.000	20.474	16.239	46.666
1684.598	2023.134	1.040	1375.731	593.613
1.000	14.725			
3/18/2016 7:45:00 AM	243900.000	20.480	16.239	46.680
1685.959	2024.760	1.041	1376.837	593.134
1.000	14.719			
3/18/2016 8:00:00 AM	244800.000	20.477	16.239	46.673
1686.776	2025.774	1.042	1377.526	592.847
1.000	14.720			
3/18/2016 8:15:00 AM	245700.000	20.484	16.239	46.688
1688.380	2027.700	1.043	1378.836	592.284
1.000	14.720			
3/18/2016 8:30:00 AM	246600.000	20.484	16.238	46.690
1690.027	2029.690	1.044	1380.189	591.707
1.000	14.721			
3/18/2016 8:45:00 AM	247500.000	20.470	16.238	46.658
1690.947	2030.792	1.044	1380.938	591.384
1.000	14.733			
3/18/2016 9:00:00 AM	248400.000	20.475	16.239	46.669
1690.515	2030.265	1.044	1380.580	591.536
1.000	14.730			
3/18/2016 9:15:00 AM	249300.000	20.475	16.239	46.668
1689.998	2029.610	1.044	1380.135	591.717
1.000	14.734			
3/18/2016 9:30:00 AM	250200.000	20.476	16.239	46.672
1688.837	2028.216	1.043	1379.187	592.124

1.000	14.732			
3/18/2016 9:45:00 AM	251100.000	20.476	16.239	46.671
1688.053	2027.279	1.042	1378.550	592.398
1.000	14.733			
3/18/2016 10:00:00 AM	252000.000	20.476	16.239	46.672
1687.031	2026.068	1.042	1377.727	592.757
1.000	14.735			
3/18/2016 10:15:00 AM	252900.000	20.469	16.239	46.656
1685.184	2023.825	1.041	1376.201	593.407
1.000	14.744			
3/18/2016 10:30:00 AM	253800.000	20.476	16.239	46.671
1681.032	2018.851	1.038	1372.819	594.873
1.000	14.739			
3/18/2016 10:45:00 AM	254700.000	20.470	16.240	46.657
1675.488	2012.164	1.034	1368.272	596.841
1.000	14.746			
3/18/2016 11:00:00 AM	255600.000	20.480	16.240	46.681
1670.782	2006.509	1.031	1364.426	598.522
1.000	14.740			
3/18/2016 11:15:00 AM	256500.000	20.479	16.240	46.678
1666.026	2000.776	1.028	1360.528	600.231
1.000	14.739			
3/18/2016 11:30:00 AM	257400.000	20.471	16.240	46.660
1662.728	1996.808	1.026	1357.830	601.421
1.000	14.745			
3/18/2016 11:45:00 AM	258300.000	20.467	16.241	46.651
1660.123	1993.668	1.024	1355.695	602.365
1.000	14.748			
3/18/2016 12:00:00 PM	259200.000	20.464	16.241	46.644
1657.513	1990.510	1.023	1353.547	603.313
1.000	14.751			
3/18/2016 12:15:00 PM	260100.000	20.468	16.242	46.653
1653.909	1986.169	1.020	1350.595	604.628
1.000	14.749			
3/18/2016 12:30:00 PM	261000.000	20.468	16.242	46.652
1649.982	1981.453	1.018	1347.388	606.067
1.000	14.748			
3/18/2016 12:45:00 PM	261900.000	20.465	16.242	46.646
1645.888	1976.493	1.015	1344.016	607.575
1.000	14.753			
3/18/2016 1:00:00 PM	262800.000	20.468	16.242	46.653
1642.268	1972.146	1.013	1341.060	608.914
1.000	14.749			
3/18/2016 1:15:00 PM	263700.000	20.476	16.243	46.672
1638.280	1967.313	1.010	1337.773	610.396
1.000	14.742			
3/18/2016 1:30:00 PM	264600.000	20.465	16.244	46.646
1633.122	1961.112	1.007	1333.556	612.324
1.000	14.746			
3/18/2016 1:45:00 PM	265500.000	20.474	16.244	46.666
1627.956	1954.881	1.003	1329.319	614.267
1.000	14.745			
3/18/2016 2:00:00 PM	266400.000	20.481	16.245	46.682
1623.377	1949.359	1.000	1325.564	616.000
1.000	14.734			
3/18/2016 2:15:00 PM	267300.000	20.471	16.245	46.660
1618.824	1943.884	0.997	1321.841	617.732

1.000	14.739			
3/18/2016 2:30:00 PM	268200.000	20.463	16.246	46.642
1614.406	1938.532	0.995	1318.202	619.423
1.000	14.737			
3/18/2016 2:45:00 PM	269100.000	20.466	16.246	46.648
1610.297	1933.577	0.992	1314.833	621.004
1.000	14.735			
3/18/2016 3:00:00 PM	270000.000	20.470	16.247	46.657
1606.585	1929.085	0.990	1311.778	622.438
1.000	14.731			
3/18/2016 3:15:00 PM	270900.000	20.477	16.247	46.673
1603.313	1925.161	0.987	1309.109	623.709
1.000	14.726			
3/18/2016 3:30:00 PM	271800.000	20.474	16.247	46.666
1600.003	1921.171	0.985	1306.396	624.999
1.000	14.726			
3/18/2016 3:45:00 PM	272700.000	20.478	16.247	46.675
1597.338	1917.975	0.984	1304.223	626.042
1.000	14.725			
3/18/2016 4:00:00 PM	273600.000	20.477	16.247	46.675
1595.215	1915.434	0.982	1302.495	626.875
1.000	14.722			
3/18/2016 4:15:00 PM	274500.000	20.471	16.247	46.659
1593.483	1913.342	0.981	1301.073	627.556
1.000	14.726			
3/18/2016 4:30:00 PM	275400.000	20.466	16.246	46.649
1591.733	1911.290	0.980	1299.677	628.246
1.000	14.731			
3/18/2016 4:45:00 PM	276300.000	20.477	16.246	46.672
1590.335	1909.609	0.979	1298.534	628.798
1.000	14.720			
3/18/2016 5:00:00 PM	277200.000	20.467	16.246	46.650
1588.866	1907.872	0.978	1297.353	629.380
1.000	14.728			
3/18/2016 5:15:00 PM	278100.000	20.478	16.245	46.676
1587.824	1906.635	0.977	1296.512	629.793
1.000	14.722			
3/18/2016 5:30:00 PM	279000.000	20.468	16.245	46.653
1586.759	1905.368	0.977	1295.651	630.215
1.000	14.732			
3/18/2016 5:45:00 PM	279900.000	20.477	16.245	46.674
1585.966	1904.423	0.976	1295.008	630.531
1.000	14.723			
3/18/2016 6:00:00 PM	280800.000	20.477	16.244	46.674
1585.363	1903.730	0.976	1294.536	630.771
1.000	14.725			
3/18/2016 6:15:00 PM	281700.000	20.471	16.244	46.660
1584.880	1903.165	0.976	1294.152	630.963
1.000	14.729			
3/18/2016 6:30:00 PM	282600.000	20.471	16.243	46.660
1584.347	1902.564	0.975	1293.743	631.175
1.000	14.733			
3/18/2016 6:45:00 PM	283500.000	20.468	16.243	46.654
1584.680	1902.975	0.975	1294.023	631.042
1.000	14.732			
3/18/2016 7:00:00 PM	284400.000	20.473	16.243	46.664
1585.260	1903.676	0.976	1294.499	630.811

1.000	14.729			
3/18/2016 7:15:00 PM	285300.000	20.470	16.242	46.658
1586.077	1904.691	0.976	1295.190	630.486
1.000	14.730			
3/18/2016 7:30:00 PM	286200.000	20.468	16.242	46.653
1586.646	1905.390	0.977	1295.665	630.260
1.000	14.735			
3/18/2016 7:45:00 PM	287100.000	20.468	16.242	46.652
1587.313	1906.194	0.977	1296.212	629.996
1.000	14.738			
3/18/2016 8:00:00 PM	288000.000	20.474	16.241	46.668
1588.302	1907.413	0.978	1297.041	629.603
1.000	14.733			
3/18/2016 8:15:00 PM	288900.000	20.465	16.241	46.647
1589.163	1908.432	0.978	1297.734	629.262
1.000	14.740			
3/18/2016 8:30:00 PM	289800.000	20.473	16.241	46.665
1588.742	1907.938	0.978	1297.398	629.429
1.000	14.736			
3/18/2016 8:45:00 PM	290700.000	20.472	16.240	46.662
1589.355	1908.693	0.979	1297.911	629.186
1.000	14.735			
3/18/2016 9:00:00 PM	291600.000	20.469	16.240	46.655
1589.022	1908.297	0.978	1297.642	629.318
1.000	14.743			
3/18/2016 9:15:00 PM	292500.000	20.469	16.241	46.655
1588.623	1907.803	0.978	1297.306	629.476
1.000	14.741			
3/18/2016 9:30:00 PM	293400.000	20.468	16.240	46.653
1588.957	1908.234	0.978	1297.599	629.344
1.000	14.741			
3/18/2016 9:45:00 PM	294300.000	20.465	16.240	46.647
1588.682	1907.896	0.978	1297.370	629.453
1.000	14.743			
3/18/2016 10:00:00 PM	295200.000	20.462	16.241	46.639
1587.541	1906.499	0.977	1296.420	629.905
1.000	14.745			
3/18/2016 10:15:00 PM	296100.000	20.463	16.241	46.642
1585.750	1904.353	0.976	1294.960	630.616
1.000	14.747			
3/18/2016 10:30:00 PM	297000.000	20.460	16.240	46.635
1583.659	1901.860	0.975	1293.265	631.449
1.000	14.749			
3/18/2016 10:45:00 PM	297900.000	20.466	16.241	46.648
1580.865	1898.482	0.973	1290.968	632.565
1.000	14.743			
3/18/2016 11:00:00 PM	298800.000	20.463	16.241	46.642
1578.202	1895.265	0.971	1288.780	633.632
1.000	14.746			
3/18/2016 11:15:00 PM	299700.000	20.469	16.241	46.654
1575.503	1892.035	0.970	1286.584	634.718
1.000	14.741			
3/18/2016 11:30:00 PM	300600.000	20.472	16.241	46.663
1573.185	1889.244	0.968	1284.686	635.653
1.000	14.742			
3/18/2016 11:45:00 PM	301500.000	20.466	16.241	46.649
1570.280	1885.743	0.966	1282.306	636.829

1.000	14.743			
3/19/2016 12:00:00 AM	302400.000	20.471	16.242	46.659
1566.347	1881.017	0.964	1279.092	638.428
1.000	14.741			
3/19/2016 12:15:00 AM	303300.000	20.458	16.242	46.630
1561.932	1875.688	0.961	1275.468	640.233
1.000	14.743			
3/19/2016 12:30:00 AM	304200.000	20.466	16.242	46.648
1558.031	1871.000	0.958	1272.280	641.836
1.000	14.747			
3/19/2016 12:45:00 AM	305100.000	20.467	16.242	46.650
1554.854	1867.188	0.956	1269.688	643.147
1.000	14.748			
3/19/2016 1:00:00 AM	306000.000	20.464	16.242	46.645
1551.897	1863.649	0.954	1267.281	644.373
1.000	14.746			
3/19/2016 1:15:00 AM	306900.000	20.468	16.242	46.652
1549.323	1860.551	0.953	1265.175	645.443
1.000	14.748			
3/19/2016 1:30:00 AM	307800.000	20.463	16.242	46.641
1546.915	1857.658	0.951	1263.207	646.448
1.000	14.749			
3/19/2016 1:45:00 AM	308700.000	20.461	16.242	46.638
1544.929	1855.281	0.950	1261.591	647.279
1.000	14.748			
3/19/2016 2:00:00 AM	309600.000	20.466	16.242	46.649
1542.819	1852.732	0.948	1259.858	648.164
1.000	14.744			
3/19/2016 2:15:00 AM	310500.000	20.469	16.242	46.655
1541.312	1850.945	0.948	1258.643	648.798
1.000	14.746			
3/19/2016 2:30:00 AM	311400.000	20.463	16.241	46.641
1539.856	1849.208	0.947	1257.461	649.411
1.000	14.749			
3/19/2016 2:45:00 AM	312300.000	20.471	16.242	46.660
1538.683	1847.795	0.946	1256.501	649.907
1.000	14.741			
3/19/2016 3:00:00 AM	313200.000	20.467	16.242	46.652
1537.771	1846.681	0.945	1255.743	650.292
1.000	14.742			
3/19/2016 3:15:00 AM	314100.000	20.465	16.242	46.647
1536.647	1845.332	0.944	1254.826	650.767
1.000	14.748			
3/19/2016 3:30:00 AM	315000.000	20.469	16.241	46.655
1535.854	1844.408	0.944	1254.198	651.104
1.000	14.745			
3/19/2016 3:45:00 AM	315900.000	20.463	16.241	46.641
1535.180	1843.592	0.944	1253.643	651.389
1.000	14.749			
3/19/2016 4:00:00 AM	316800.000	20.467	16.242	46.651
1534.287	1842.513	0.943	1252.909	651.768
1.000	14.742			
3/19/2016 4:15:00 AM	317700.000	20.467	16.242	46.650
1533.105	1841.093	0.942	1251.943	652.271
1.000	14.746			
3/19/2016 4:30:00 AM	318600.000	20.460	16.242	46.635
1531.404	1839.035	0.941	1250.544	652.996

1.000	14.750			
3/19/2016 4:45:00 AM	319500.000	20.473	16.242	46.664
1529.688	1836.983	0.940	1249.148	653.728
1.000	14.743			
3/19/2016 5:00:00 AM	320400.000	20.463	16.242	46.640
1527.967	1834.927	0.939	1247.750	654.464
1.000	14.745			
3/19/2016 5:15:00 AM	321300.000	20.465	16.242	46.645
1526.274	1832.864	0.938	1246.348	655.190
1.000	14.747			
3/19/2016 5:30:00 AM	322200.000	20.465	16.241	46.646
1524.853	1831.201	0.937	1245.217	655.801
1.000	14.749			
3/19/2016 5:45:00 AM	323100.000	20.465	16.241	46.646
1523.842	1829.980	0.936	1244.387	656.236
1.000	14.745			
3/19/2016 6:00:00 AM	324000.000	20.470	16.241	46.657
1522.648	1828.557	0.935	1243.419	656.751
1.000	14.748			
3/19/2016 6:15:00 AM	324900.000	20.458	16.241	46.630
1521.823	1827.556	0.935	1242.738	657.107
1.000	14.757			
3/19/2016 6:30:00 AM	325800.000	20.460	16.241	46.634
1521.385	1827.040	0.935	1242.387	657.296
1.000	14.755			
3/19/2016 6:45:00 AM	326700.000	20.462	16.241	46.640
1521.382	1827.055	0.935	1242.397	657.297
1.000	14.752			
3/19/2016 7:00:00 AM	327600.000	20.466	16.240	46.648
1521.462	1827.170	0.935	1242.476	657.262
1.000	14.749			
3/19/2016 7:15:00 AM	328500.000	20.468	16.240	46.653
1521.571	1827.312	0.935	1242.572	657.215
1.000	14.755			
3/19/2016 7:30:00 AM	329400.000	20.465	16.240	46.645
1521.385	1827.082	0.935	1242.416	657.296
1.000	14.754			
3/19/2016 7:45:00 AM	330300.000	20.454	16.240	46.620
1521.285	1826.968	0.935	1242.338	657.339
1.000	14.764			
3/19/2016 8:00:00 AM	331200.000	20.454	16.240	46.620
1521.152	1826.817	0.935	1242.235	657.396
1.000	14.764			
3/19/2016 8:15:00 AM	332100.000	20.466	16.239	46.649
1521.307	1827.036	0.935	1242.384	657.329
1.000	14.760			
3/19/2016 8:30:00 AM	333000.000	20.458	16.239	46.630
1521.157	1826.841	0.935	1242.252	657.394
1.000	14.762			
3/19/2016 8:45:00 AM	333900.000	20.463	16.240	46.641
1520.977	1826.610	0.934	1242.095	657.472
1.000	14.762			
3/19/2016 9:00:00 AM	334800.000	20.455	16.239	46.624
1522.238	1828.134	0.935	1243.131	656.928
1.000	14.768			
3/19/2016 9:15:00 AM	335700.000	20.461	16.239	46.637
1522.896	1828.944	0.936	1243.682	656.643

1.000	14.763			
3/19/2016 9:30:00 AM	336600.000	20.459	16.239	46.632
1522.641	1828.622	0.936	1243.463	656.754
1.000	14.767			
3/19/2016 9:45:00 AM	337500.000	20.461	16.240	46.637
1520.641	1826.203	0.934	1241.818	657.617
1.000	14.764			
3/19/2016 10:00:00 AM	338400.000	20.462	16.239	46.639
1519.599	1824.966	0.934	1240.977	658.068
1.000	14.765			
3/19/2016 10:15:00 AM	339300.000	20.460	16.240	46.635
1517.767	1822.744	0.932	1239.466	658.863
1.000	14.768			
3/19/2016 10:30:00 AM	340200.000	20.452	16.240	46.617
1515.798	1820.394	0.931	1237.868	659.718
1.000	14.773			
3/19/2016 10:45:00 AM	341100.000	20.456	16.240	46.625
1514.009	1818.230	0.930	1236.397	660.498
1.000	14.766			
3/19/2016 11:00:00 AM	342000.000	20.455	16.240	46.624
1511.993	1815.806	0.929	1234.748	661.379
1.000	14.768			
3/19/2016 11:15:00 AM	342900.000	20.460	16.240	46.634
1509.456	1812.758	0.927	1232.676	662.490
1.000	14.765			
3/19/2016 11:30:00 AM	343800.000	20.456	16.241	46.626
1507.096	1809.881	0.925	1230.719	663.528
1.000	14.766			
3/19/2016 11:45:00 AM	344700.000	20.453	16.241	46.619
1503.989	1806.157	0.923	1228.187	664.898
1.000	14.767			
3/19/2016 12:00:00 PM	345600.000	20.454	16.242	46.620
1497.039	1797.767	0.919	1222.481	667.985
1.000	14.767			
3/19/2016 12:15:00 PM	346500.000	20.452	16.242	46.616
1488.791	1787.845	0.914	1215.735	671.686
1.000	14.765			
3/19/2016 12:30:00 PM	347400.000	20.455	16.243	46.623
1481.655	1779.250	0.909	1209.890	674.921
1.000	14.764			
3/19/2016 12:45:00 PM	348300.000	20.463	16.243	46.641
1475.586	1771.954	0.905	1204.929	677.697
1.000	14.760			
3/19/2016 1:00:00 PM	349200.000	20.455	16.244	46.623
1470.632	1765.984	0.902	1200.869	679.980
1.000	14.767			
3/19/2016 1:15:00 PM	350100.000	20.454	16.244	46.621
1466.883	1761.475	0.900	1197.803	681.718
1.000	14.766			
3/19/2016 1:30:00 PM	351000.000	20.453	16.244	46.619
1464.120	1758.161	0.898	1195.550	683.004
1.000	14.769			
3/19/2016 1:45:00 PM	351900.000	20.450	16.243	46.613
1461.149	1754.607	0.896	1193.133	684.393
1.000	14.766			
3/19/2016 2:00:00 PM	352800.000	20.459	16.244	46.632
1458.815	1751.797	0.894	1191.222	685.488



1.000	14.764			
3/19/2016 2:15:00 PM	353700.000	20.446	16.243	46.602
1457.557	1750.297	0.894	1190.202	686.080
1.000	14.767			
3/19/2016 2:30:00 PM	354600.000	20.462	16.243	46.638
1455.851	1748.259	0.892	1188.816	686.884
1.000	14.762			
3/19/2016 2:45:00 PM	355500.000	20.459	16.244	46.633
1453.844	1745.825	0.891	1187.161	687.832
1.000	14.759			
3/19/2016 3:00:00 PM	356400.000	20.452	16.243	46.616
1452.240	1743.927	0.890	1185.870	688.591
1.000	14.763			
3/19/2016 3:15:00 PM	357300.000	20.460	16.243	46.635
1449.592	1740.743	0.888	1183.705	689.849
1.000	14.754			
3/19/2016 3:30:00 PM	358200.000	20.461	16.244	46.638
1447.411	1738.107	0.887	1181.913	690.889
1.000	14.751			
3/19/2016 3:45:00 PM	359100.000	20.459	16.244	46.633
1444.371	1734.449	0.885	1179.426	692.343
1.000	14.750			
3/19/2016 4:00:00 PM	360000.000	20.453	16.244	46.618
1441.706	1731.248	0.883	1177.249	693.623
1.000	14.757			
3/19/2016 4:15:00 PM	360900.000	20.458	16.244	46.629
1439.868	1729.045	0.882	1175.751	694.508
1.000	14.752			
3/19/2016 4:30:00 PM	361800.000	20.459	16.243	46.633
1437.872	1726.673	0.881	1174.138	695.472
1.000	14.751			
3/19/2016 4:45:00 PM	362700.000	20.468	16.243	46.653
1436.727	1725.287	0.880	1173.195	696.026
1.000	14.744			
3/19/2016 5:00:00 PM	363600.000	20.459	16.242	46.633
1435.207	1723.493	0.879	1171.975	696.764
1.000	14.748			
3/19/2016 5:15:00 PM	364500.000	20.463	16.243	46.641
1433.838	1721.845	0.878	1170.855	697.429
1.000	14.746			
3/19/2016 5:30:00 PM	365400.000	20.454	16.243	46.622
1433.460	1721.389	0.878	1170.544	697.613
1.000	14.750			
3/19/2016 5:45:00 PM	366300.000	20.464	16.242	46.644
1432.561	1720.350	0.878	1169.838	698.051
1.000	14.748			
3/19/2016 6:00:00 PM	367200.000	20.463	16.242	46.640
1432.538	1720.326	0.878	1169.822	698.062
1.000	14.743			
3/19/2016 6:15:00 PM	368100.000	20.461	16.241	46.636
1431.855	1719.516	0.877	1169.271	698.395
1.000	14.745			
3/19/2016 6:30:00 PM	369000.000	20.462	16.241	46.639
1431.758	1719.404	0.877	1169.195	698.442
1.000	14.745			
3/19/2016 6:45:00 PM	369900.000	20.461	16.241	46.638
1432.000	1719.701	0.877	1169.397	698.324

1.000	14.747			
3/19/2016 7:00:00 PM	370800.000	20.462	16.240	46.640
1432.588	1720.438	0.878	1169.898	698.037
1.000	14.745			
3/19/2016 7:15:00 PM	371700.000	20.460	16.240	46.634
1434.034	1722.189	0.879	1171.089	697.334
1.000	14.743			
3/19/2016 7:30:00 PM	372600.000	20.462	16.240	46.639
1434.551	1722.796	0.879	1171.501	697.082
1.000	14.741			
3/19/2016 7:45:00 PM	373500.000	20.465	16.240	46.645
1435.776	1724.277	0.880	1172.509	696.488
1.000	14.743			
3/19/2016 8:00:00 PM	374400.000	20.457	16.240	46.628
1436.078	1724.626	0.880	1172.746	696.341
1.000	14.750			
3/19/2016 8:15:00 PM	375300.000	20.455	16.240	46.622
1437.318	1726.139	0.881	1173.775	695.740
1.000	14.751			
3/19/2016 8:30:00 PM	376200.000	20.459	16.239	46.633
1439.462	1728.735	0.882	1175.540	694.704
1.000	14.746			
3/19/2016 8:45:00 PM	377100.000	20.462	16.238	46.639
1441.988	1731.796	0.884	1177.621	693.487
1.000	14.753			
3/19/2016 9:00:00 PM	378000.000	20.458	16.238	46.630
1445.546	1736.077	0.886	1180.533	691.780
1.000	14.752			
3/19/2016 9:15:00 PM	378900.000	20.454	16.238	46.621
1448.353	1739.444	0.888	1182.822	690.440
1.000	14.758			
3/19/2016 9:30:00 PM	379800.000	20.457	16.237	46.629
1450.618	1742.200	0.889	1184.696	689.361
1.000	14.759			
3/19/2016 9:45:00 PM	380700.000	20.452	16.238	46.616
1452.380	1744.310	0.890	1186.130	688.525
1.000	14.761			
3/19/2016 10:00:00 PM	381600.000	20.452	16.237	46.617
1454.161	1746.473	0.891	1187.602	687.682
1.000	14.759			
3/19/2016 10:15:00 PM	382500.000	20.453	16.237	46.619
1455.339	1747.874	0.892	1188.554	687.125
1.000	14.759			
3/19/2016 10:30:00 PM	383400.000	20.452	16.238	46.617
1456.543	1749.309	0.893	1189.530	686.557
1.000	14.759			
3/19/2016 10:45:00 PM	384300.000	20.463	16.237	46.641
1457.250	1750.168	0.893	1190.115	686.224
1.000	14.754			
3/19/2016 11:00:00 PM	385200.000	20.449	16.238	46.609
1457.509	1750.465	0.894	1190.316	686.102
1.000	14.766			
3/19/2016 11:15:00 PM	386100.000	20.450	16.237	46.613
1457.957	1751.014	0.894	1190.690	685.891
1.000	14.764			
3/19/2016 11:30:00 PM	387000.000	20.451	16.237	46.614
1458.108	1751.202	0.894	1190.818	685.820

1.000	14.764			
3/19/2016 11:45:00 PM	387900.000	20.452	16.238	46.617
1458.364	1751.495	0.894	1191.017	685.700
1.000	14.767			
3/20/2016 12:00:00 AM	388800.000	20.455	16.238	46.624
1458.642	1751.830	0.894	1191.244	685.569
1.000	14.765			
3/20/2016 12:15:00 AM	389700.000	20.452	16.238	46.616
1458.332	1751.460	0.894	1190.993	685.715
1.000	14.763			
3/20/2016 12:30:00 AM	390600.000	20.446	16.238	46.604
1458.321	1751.434	0.894	1190.975	685.720
1.000	14.768			
3/20/2016 12:45:00 AM	391500.000	20.457	16.238	46.628
1457.801	1750.791	0.894	1190.538	685.965
1.000	14.764			
3/20/2016 1:00:00 AM	392400.000	20.451	16.238	46.615
1456.674	1749.445	0.893	1189.623	686.495
1.000	14.768			
3/20/2016 1:15:00 AM	393300.000	20.453	16.238	46.619
1455.505	1748.034	0.892	1188.663	687.047
1.000	14.765			
3/20/2016 1:30:00 AM	394200.000	20.453	16.238	46.619
1453.344	1745.442	0.891	1186.901	688.068
1.000	14.764			
3/20/2016 1:45:00 AM	395100.000	20.450	16.239	46.612
1450.714	1742.266	0.889	1184.741	689.316
1.000	14.765			
3/20/2016 2:00:00 AM	396000.000	20.451	16.239	46.615
1448.300	1739.349	0.888	1182.757	690.465
1.000	14.770			
3/20/2016 2:15:00 AM	396900.000	20.455	16.239	46.624
1447.004	1737.804	0.887	1181.707	691.083
1.000	14.767			
3/20/2016 2:30:00 AM	397800.000	20.448	16.239	46.608
1445.576	1736.096	0.886	1180.545	691.766
1.000	14.770			
3/20/2016 2:45:00 AM	398700.000	20.444	16.239	46.597
1442.621	1732.540	0.884	1178.127	693.183
1.000	14.775			
3/20/2016 3:00:00 AM	399600.000	20.452	16.239	46.617
1436.564	1725.248	0.880	1173.169	696.106
1.000	14.767			
3/20/2016 3:15:00 AM	400500.000	20.444	16.239	46.598
1429.353	1716.595	0.876	1167.285	699.617
1.000	14.773			
3/20/2016 3:30:00 AM	401400.000	20.450	16.239	46.611
1422.290	1708.119	0.871	1161.521	703.091
1.000	14.765			
3/20/2016 3:45:00 AM	402300.000	20.452	16.239	46.617
1416.060	1700.630	0.867	1156.429	706.185
1.000	14.763			
3/20/2016 4:00:00 AM	403200.000	20.457	16.240	46.628
1411.130	1694.686	0.864	1152.386	708.652
1.000	14.758			
3/20/2016 4:15:00 AM	404100.000	20.453	16.240	46.619
1407.468	1690.275	0.861	1149.387	710.496

1.000	14.762			
3/20/2016 4:30:00 AM	405000.000	20.455	16.240	46.623
1404.365	1686.557	0.859	1146.859	712.066
1.000	14.763			
3/20/2016 4:45:00 AM	405900.000	20.449	16.239	46.609
1401.996	1683.726	0.858	1144.934	713.269
1.000	14.766			
3/20/2016 5:00:00 AM	406800.000	20.458	16.240	46.630
1399.974	1681.295	0.857	1143.281	714.299
1.000	14.758			
3/20/2016 5:15:00 AM	407700.000	20.458	16.240	46.631
1397.560	1678.390	0.855	1141.305	715.533
1.000	14.758			
3/20/2016 5:30:00 AM	408600.000	20.457	16.240	46.628
1395.249	1675.617	0.854	1139.419	716.718
1.000	14.762			
3/20/2016 5:45:00 AM	409500.000	20.445	16.239	46.601
1393.339	1673.354	0.852	1137.881	717.700
1.000	14.767			
3/20/2016 6:00:00 AM	410400.000	20.450	16.240	46.612
1391.961	1671.672	0.852	1136.737	718.411
1.000	14.765			
3/20/2016 6:15:00 AM	411300.000	20.457	16.239	46.627
1390.504	1669.932	0.851	1135.553	719.164
1.000	14.762			
3/20/2016 6:30:00 AM	412200.000	20.455	16.239	46.624
1389.262	1668.440	0.850	1134.539	719.807
1.000	14.759			
3/20/2016 6:45:00 AM	413100.000	20.449	16.239	46.610
1388.031	1666.963	0.849	1133.535	720.445
1.000	14.766			
3/20/2016 7:00:00 AM	414000.000	20.451	16.240	46.615
1387.018	1665.735	0.848	1132.700	720.971
1.000	14.767			
3/20/2016 7:15:00 AM	414900.000	20.449	16.239	46.609
1386.466	1665.083	0.848	1132.257	721.258
1.000	14.766			
3/20/2016 7:30:00 AM	415800.000	20.455	16.239	46.624
1385.772	1664.266	0.848	1131.701	721.619
1.000	14.761			
3/20/2016 7:45:00 AM	416700.000	20.457	16.239	46.627
1385.275	1663.646	0.847	1131.280	721.878
1.000	14.762			
3/20/2016 8:00:00 AM	417600.000	20.444	16.239	46.598
1384.558	1662.818	0.847	1130.717	722.252
1.000	14.771			
3/20/2016 8:15:00 AM	418500.000	20.449	16.239	46.609
1383.583	1661.627	0.846	1129.906	722.761
1.000	14.769			
3/20/2016 8:30:00 AM	419400.000	20.449	16.239	46.610
1382.828	1660.720	0.846	1129.289	723.156
1.000	14.769			
3/20/2016 8:45:00 AM	420300.000	20.444	16.239	46.599
1382.251	1660.034	0.845	1128.823	723.458
1.000	14.770			
3/20/2016 9:00:00 AM	421200.000	20.444	16.239	46.597
1381.394	1658.995	0.845	1128.117	723.906

1.000	14.772			
3/20/2016 9:15:00 AM	422100.000	20.446	16.239	46.603
1380.705	1658.184	0.844	1127.565	724.268
1.000	14.772			
3/20/2016 9:30:00 AM	423000.000	20.452	16.238	46.617
1380.639	1658.118	0.844	1127.520	724.302
1.000	14.767			
3/20/2016 9:45:00 AM	423900.000	20.447	16.239	46.605
1380.237	1657.622	0.844	1127.183	724.513
1.000	14.771			
3/20/2016 10:00:00 AM	424800.000	20.445	16.238	46.600
1379.741	1657.043	0.844	1126.789	724.774
1.000	14.773			
3/20/2016 10:15:00 AM	425700.000	20.458	16.239	46.631
1379.637	1656.907	0.844	1126.697	724.829
1.000	14.767			
3/20/2016 10:30:00 AM	426600.000	20.447	16.239	46.606
1379.795	1657.098	0.844	1126.827	724.745
1.000	14.773			
3/20/2016 10:45:00 AM	427500.000	20.444	16.238	46.599
1379.416	1656.653	0.844	1126.524	724.944
1.000	14.774			
3/20/2016 11:00:00 AM	428400.000	20.449	16.239	46.609
1379.508	1656.746	0.844	1126.587	724.896
1.000	14.770			
3/20/2016 11:15:00 AM	429300.000	20.448	16.239	46.608
1378.972	1656.096	0.843	1126.146	725.178
1.000	14.767			
3/20/2016 11:30:00 AM	430200.000	20.445	16.239	46.600
1378.018	1654.943	0.843	1125.362	725.680
1.000	14.773			
3/20/2016 11:45:00 AM	431100.000	20.450	16.239	46.612
1375.855	1652.336	0.841	1123.589	726.821
1.000	14.770			
3/20/2016 12:00:00 PM	432000.000	20.449	16.240	46.610
1370.956	1646.426	0.838	1119.570	729.418
1.000	14.769			
3/20/2016 12:15:00 PM	432900.000	20.444	16.240	46.597
1364.993	1639.271	0.834	1114.705	732.605
1.000	14.775			
3/20/2016 12:30:00 PM	433800.000	20.444	16.240	46.599
1360.082	1633.367	0.831	1110.689	735.250
1.000	14.774			
3/20/2016 12:45:00 PM	434700.000	20.443	16.240	46.596
1357.509	1630.287	0.829	1108.595	736.643
1.000	14.778			
3/20/2016 1:00:00 PM	435600.000	20.440	16.240	46.589
1355.763	1628.196	0.828	1107.174	737.592
1.000	14.781			
3/20/2016 1:15:00 PM	436500.000	20.450	16.240	46.611
1353.119	1625.018	0.827	1105.012	739.034
1.000	14.773			
3/20/2016 1:30:00 PM	437400.000	20.446	16.240	46.602
1349.867	1621.102	0.825	1102.350	740.814
1.000	14.773			
3/20/2016 1:45:00 PM	438300.000	20.446	16.240	46.602
1346.906	1617.540	0.823	1099.927	742.442

1.000	14.771			
3/20/2016 2:00:00 PM	439200.000	20.448	16.240	46.607
1343.481	1613.424	0.820	1097.128	744.335
1.000	14.771			
3/20/2016 2:15:00 PM	440100.000	20.452	16.240	46.617
1340.486	1609.826	0.819	1094.682	745.998
1.000	14.764			
3/20/2016 2:30:00 PM	441000.000	20.445	16.240	46.600
1336.967	1605.594	0.816	1091.804	747.962
1.000	14.771			
3/20/2016 2:45:00 PM	441900.000	20.451	16.240	46.615
1333.850	1601.858	0.814	1089.263	749.709
1.000	14.766			
3/20/2016 3:00:00 PM	442800.000	20.449	16.241	46.609
1331.002	1598.422	0.812	1086.927	751.314
1.000	14.766			
3/20/2016 3:15:00 PM	443700.000	20.449	16.240	46.610
1328.812	1595.801	0.811	1085.145	752.552
1.000	14.763			
3/20/2016 3:30:00 PM	444600.000	20.450	16.240	46.613
1326.152	1592.613	0.809	1082.977	754.061
1.000	14.764			
3/20/2016 3:45:00 PM	445500.000	20.441	16.241	46.592
1323.498	1589.413	0.808	1080.801	755.573
1.000	14.771			
3/20/2016 4:00:00 PM	446400.000	20.452	16.241	46.616
1320.629	1585.968	0.806	1078.458	757.215
1.000	14.760			
3/20/2016 4:15:00 PM	447300.000	20.451	16.240	46.613
1318.873	1583.864	0.805	1077.028	758.223
1.000	14.764			
3/20/2016 4:30:00 PM	448200.000	20.449	16.240	46.609
1318.021	1582.868	0.804	1076.350	758.713
1.000	14.760			
3/20/2016 4:45:00 PM	449100.000	20.442	16.241	46.594
1317.043	1581.661	0.804	1075.529	759.277
1.000	14.770			
3/20/2016 5:00:00 PM	450000.000	20.448	16.240	46.608
1317.533	1582.282	0.804	1075.952	758.994
1.000	14.767			
3/20/2016 5:15:00 PM	450900.000	20.446	16.240	46.604
1318.258	1583.159	0.804	1076.548	758.577
1.000	14.768			
3/20/2016 5:30:00 PM	451800.000	20.447	16.239	46.605
1319.510	1584.674	0.805	1077.578	757.857
1.000	14.763			
3/20/2016 5:45:00 PM	452700.000	20.448	16.239	46.607
1320.257	1585.595	0.806	1078.204	757.428
1.000	14.761			
3/20/2016 6:00:00 PM	453600.000	20.447	16.239	46.604
1320.936	1586.402	0.806	1078.754	757.039
1.000	14.763			
3/20/2016 6:15:00 PM	454500.000	20.440	16.239	46.589
1321.491	1587.067	0.806	1079.206	756.721
1.000	14.764			
3/20/2016 6:30:00 PM	455400.000	20.450	16.238	46.611
1321.905	1587.587	0.807	1079.559	756.484

1.000	14.767			
3/20/2016 6:45:00 PM	456300.000	20.443	16.238	46.596
1322.387	1588.159	0.807	1079.948	756.208
1.000	14.769			
3/20/2016 7:00:00 PM	457200.000	20.445	16.238	46.601
1323.563	1589.580	0.808	1080.915	755.536
1.000	14.769			
3/20/2016 7:15:00 PM	458100.000	20.438	16.238	46.584
1325.787	1592.258	0.809	1082.735	754.269
1.000	14.774			
3/20/2016 7:30:00 PM	459000.000	20.445	16.237	46.600
1328.748	1595.846	0.811	1085.175	752.588
1.000	14.768			
3/20/2016 7:45:00 PM	459900.000	20.447	16.238	46.605
1331.093	1598.640	0.813	1087.075	751.263
1.000	14.768			
3/20/2016 8:00:00 PM	460800.000	20.442	16.238	46.594
1333.139	1601.103	0.814	1088.750	750.109
1.000	14.770			
3/20/2016 8:15:00 PM	461700.000	20.440	16.237	46.588
1334.858	1603.178	0.815	1090.161	749.143
1.000	14.775			
3/20/2016 8:30:00 PM	462600.000	20.435	16.237	46.578
1337.553	1606.422	0.817	1092.367	747.634
1.000	14.784			
3/20/2016 8:45:00 PM	463500.000	20.445	16.237	46.600
1341.425	1611.078	0.819	1095.533	745.476
1.000	14.774			
3/20/2016 9:00:00 PM	464400.000	20.442	16.237	46.593
1343.761	1613.883	0.821	1097.440	744.180
1.000	14.776			
3/20/2016 9:15:00 PM	465300.000	20.444	16.237	46.599
1345.457	1615.923	0.822	1098.828	743.242
1.000	14.775			
3/20/2016 9:30:00 PM	466200.000	20.442	16.237	46.593
1346.953	1617.721	0.823	1100.050	742.416
1.000	14.771			
3/20/2016 9:45:00 PM	467100.000	20.448	16.237	46.607
1345.119	1615.511	0.822	1098.548	743.429
1.000	14.767			
3/20/2016 10:00:00 PM	468000.000	20.442	16.237	46.594
1343.533	1613.597	0.821	1097.246	744.306
1.000	14.773			
3/20/2016 10:15:00 PM	468900.000	20.441	16.238	46.591
1341.924	1611.641	0.820	1095.916	745.199
1.000	14.774			
3/20/2016 10:30:00 PM	469800.000	20.441	16.238	46.592
1340.682	1610.156	0.819	1094.906	745.889
1.000	14.776			
3/20/2016 10:45:00 PM	470700.000	20.442	16.238	46.593
1338.953	1608.083	0.818	1093.497	746.852
1.000	14.779			
3/20/2016 11:00:00 PM	471600.000	20.436	16.238	46.581
1337.955	1606.875	0.817	1092.675	747.409
1.000	14.779			
3/20/2016 11:15:00 PM	472500.000	20.440	16.237	46.588
1337.760	1606.667	0.817	1092.534	747.518

1.000	14.781			
3/20/2016 11:30:00 PM	473400.000	20.439	16.237	46.586
1338.421	1607.453	0.817	1093.068	747.149
1.000	14.782			
3/20/2016 11:45:00 PM	474300.000	20.436	16.238	46.581
1338.753	1607.846	0.818	1093.335	746.964
1.000	14.782			
3/21/2016 12:00:00 AM	475200.000	20.438	16.238	46.586
1338.927	1608.052	0.818	1093.475	746.867
1.000	14.779			
3/21/2016 12:15:00 AM	476100.000	20.447	16.237	46.606
1338.231	1607.229	0.817	1092.916	747.255
1.000	14.775			
3/21/2016 12:30:00 AM	477000.000	20.441	16.238	46.592
1337.139	1605.895	0.816	1092.008	747.866
1.000	14.777			
3/21/2016 12:45:00 AM	477900.000	20.450	16.238	46.612
1334.748	1603.029	0.815	1090.060	749.205
1.000	14.768			
3/21/2016 1:00:00 AM	478800.000	20.444	16.239	46.598
1329.302	1596.456	0.811	1085.590	752.275
1.000	14.780			
3/21/2016 1:15:00 AM	479700.000	20.440	16.238	46.590
1321.427	1587.025	0.806	1079.177	756.758
1.000	14.774			
3/21/2016 1:30:00 AM	480600.000	20.441	16.239	46.592
1315.590	1579.990	0.803	1074.393	760.115
1.000	14.778			
3/21/2016 1:45:00 AM	481500.000	20.438	16.238	46.584
1314.628	1578.843	0.802	1073.613	760.672
1.000	14.781			
3/21/2016 2:00:00 AM	482400.000	20.434	16.238	46.575
1315.097	1579.416	0.802	1074.003	760.400
1.000	14.787			
3/21/2016 2:15:00 AM	483300.000	20.437	16.238	46.581
1315.842	1580.314	0.803	1074.614	759.970
1.000	14.785			
3/21/2016 2:30:00 AM	484200.000	20.439	16.238	46.588
1313.984	1578.082	0.802	1073.096	761.044
1.000	14.783			
3/21/2016 2:45:00 AM	485100.000	20.441	16.238	46.592
1308.199	1571.135	0.798	1068.372	764.410
1.000	14.779			
3/21/2016 3:00:00 AM	486000.000	20.437	16.238	46.583
1302.259	1564.014	0.794	1063.530	767.896
1.000	14.781			
3/21/2016 3:15:00 AM	486900.000	20.440	16.238	46.589
1296.900	1557.574	0.791	1059.151	771.069
1.000	14.781			
3/21/2016 3:30:00 AM	487800.000	20.433	16.238	46.573
1290.398	1549.749	0.787	1053.830	774.955
1.000	14.787			
3/21/2016 3:45:00 AM	488700.000	20.435	16.238	46.577
1287.663	1546.478	0.785	1051.605	776.601
1.000	14.783			
3/21/2016 4:00:00 AM	489600.000	20.442	16.238	46.594
1284.625	1542.816	0.783	1049.115	778.438



1.000	14.778			
3/21/2016 4:15:00 AM	490500.000	20.437	16.238	46.583
1280.395	1537.742	0.780	1045.665	781.009
1.000	14.783			
3/21/2016 4:30:00 AM	491400.000	20.441	16.238	46.592
1276.098	1532.578	0.777	1042.153	783.639
1.000	14.784			
3/21/2016 4:45:00 AM	492300.000	20.436	16.238	46.580
1272.176	1527.862	0.775	1038.947	786.055
1.000	14.783			
3/21/2016 5:00:00 AM	493200.000	20.436	16.238	46.580
1270.625	1526.002	0.774	1037.682	787.014
1.000	14.786			
3/21/2016 5:15:00 AM	494100.000	20.438	16.238	46.584
1269.499	1524.668	0.773	1036.775	787.713
1.000	14.784			
3/21/2016 5:30:00 AM	495000.000	20.440	16.238	46.590
1268.053	1522.911	0.772	1035.580	788.611
1.000	14.780			
3/21/2016 5:45:00 AM	495900.000	20.435	16.238	46.579
1265.429	1519.765	0.771	1033.440	790.246
1.000	14.790			
3/21/2016 6:00:00 AM	496800.000	20.442	16.238	46.593
1263.568	1517.539	0.770	1031.927	791.410
0.999	14.779			
3/21/2016 6:15:00 AM	497700.000	20.441	16.237	46.590
1262.206	1515.916	0.769	1030.823	792.264
0.999	14.785			
3/21/2016 6:30:00 AM	498600.000	20.438	16.237	46.585
1263.773	1517.826	0.770	1032.121	791.281
0.999	14.789			
3/21/2016 6:45:00 AM	499500.000	20.438	16.238	46.585
1266.605	1521.196	0.771	1034.414	789.512
1.000	14.787			
3/21/2016 7:00:00 AM	500400.000	20.444	16.237	46.598
1268.323	1523.268	0.773	1035.823	788.443
1.000	14.784			
3/21/2016 7:15:00 AM	501300.000	20.443	16.237	46.596
1267.775	1522.626	0.772	1035.386	788.783
1.000	14.785			
3/21/2016 7:30:00 AM	502200.000	20.443	16.238	46.595
1266.356	1520.897	0.771	1034.210	789.668
1.000	14.786			
3/21/2016 7:45:00 AM	503100.000	20.440	16.238	46.589
1265.731	1520.146	0.771	1033.699	790.058
1.000	14.790			
3/21/2016 8:00:00 AM	504000.000	20.433	16.237	46.573
1265.834	1520.283	0.771	1033.792	789.993
1.000	14.794			
3/21/2016 8:15:00 AM	504900.000	20.437	16.237	46.582
1265.485	1519.857	0.771	1033.503	790.211
1.000	14.793			
3/21/2016 8:30:00 AM	505800.000	20.436	16.237	46.581
1264.651	1518.858	0.770	1032.824	790.732
1.000	14.787			
3/21/2016 8:45:00 AM	506700.000	20.435	16.237	46.579
1262.847	1516.695	0.769	1031.353	791.862

0.999	14.797			
3/21/2016 9:00:00 AM	507600.000	20.434	16.237	46.575
1263.992	1518.079	0.770	1032.294	791.144
1.000	14.798			
3/21/2016 9:15:00 AM	508500.000	20.434	16.237	46.575
1263.935	1518.011	0.770	1032.248	791.180
1.000	14.798			
3/21/2016 9:30:00 AM	509400.000	20.432	16.236	46.570
1264.647	1518.885	0.770	1032.842	790.734
1.000	14.800			
3/21/2016 9:45:00 AM	510300.000	20.433	16.237	46.574
1265.769	1520.198	0.771	1033.735	790.034
1.000	14.799			
3/21/2016 10:00:00 AM	511200.000	20.436	16.237	46.579
1267.204	1521.940	0.772	1034.919	789.139
1.000	14.800			
3/21/2016 10:15:00 AM	512100.000	20.434	16.237	46.576
1269.246	1524.405	0.773	1036.595	787.869
1.000	14.805			
3/21/2016 10:30:00 AM	513000.000	20.441	16.237	46.591
1273.360	1529.343	0.776	1039.954	785.324
1.000	14.800			
3/21/2016 10:45:00 AM	513900.000	20.439	16.237	46.587
1275.946	1532.443	0.777	1042.061	783.732
1.000	14.799			
3/21/2016 11:00:00 AM	514800.000	20.428	16.237	46.561
1277.232	1533.978	0.778	1043.105	782.943
1.000	14.807			
3/21/2016 11:15:00 AM	515700.000	20.436	16.237	46.580
1276.373	1532.953	0.778	1042.408	783.470
1.000	14.802			
3/21/2016 11:30:00 AM	516600.000	20.434	16.237	46.575
1275.209	1531.551	0.777	1041.455	784.185
1.000	14.806			
3/21/2016 11:45:00 AM	517500.000	20.436	16.237	46.580
1273.607	1529.631	0.776	1040.149	785.171
1.000	14.802			
3/21/2016 12:00:00 PM	518400.000	20.429	16.237	46.564
1269.269	1524.402	0.773	1036.593	787.855
1.000	14.803			
3/21/2016 12:15:00 PM	519300.000	20.432	16.237	46.571
1264.438	1518.603	0.770	1032.650	790.865
1.000	14.801			
3/21/2016 12:30:00 PM	520200.000	20.432	16.238	46.571
1258.018	1510.880	0.766	1027.398	794.901
0.999	14.800			
3/21/2016 12:45:00 PM	521100.000	20.437	16.238	46.582
1250.617	1501.979	0.761	1021.346	799.606
0.999	14.796			
3/21/2016 1:00:00 PM	522000.000	20.446	16.239	46.603
1240.882	1490.264	0.755	1013.380	805.878
0.999	14.787			
3/21/2016 1:15:00 PM	522900.000	20.436	16.239	46.580
1227.689	1474.414	0.747	1002.601	814.538
0.999	14.789			
3/21/2016 1:30:00 PM	523800.000	20.435	16.239	46.577
1216.580	1461.063	0.740	993.523	821.976

0.999	14.790			
3/21/2016 1:45:00 PM	524700.000	20.444	16.240	46.599
1209.315	1452.324	0.735	987.580	826.914
0.999	14.779			
3/21/2016 2:00:00 PM	525600.000	20.438	16.240	46.585
1204.280	1446.247	0.732	983.448	830.372
0.999	14.787			
3/21/2016 2:15:00 PM	526500.000	20.434	16.241	46.575
1199.833	1440.893	0.729	979.807	833.449
0.999	14.784			
3/21/2016 2:30:00 PM	527400.000	20.442	16.241	46.594
1195.383	1435.551	0.726	976.175	836.552
0.999	14.776			
3/21/2016 2:45:00 PM	528300.000	20.442	16.241	46.594
1190.540	1429.727	0.723	972.214	839.955
0.999	14.776			
3/21/2016 3:00:00 PM	529200.000	20.431	16.241	46.568
1185.706	1423.924	0.720	968.268	843.380
0.999	14.776			
3/21/2016 3:15:00 PM	530100.000	20.430	16.241	46.567
1181.350	1418.684	0.717	964.705	846.489
0.999	14.776			
3/21/2016 3:30:00 PM	531000.000	20.451	16.241	46.614
1177.998	1414.665	0.715	961.972	848.898
0.999	14.764			
3/21/2016 3:45:00 PM	531900.000	20.448	16.241	46.608
1175.528	1411.710	0.713	959.963	850.682
0.999	14.769			
3/21/2016 4:00:00 PM	532800.000	20.438	16.241	46.583
1173.431	1409.178	0.712	958.241	852.202
0.999	14.774			
3/21/2016 4:15:00 PM	533700.000	20.443	16.241	46.596
1171.723	1407.146	0.711	956.860	853.444
0.999	14.771			
3/21/2016 4:30:00 PM	534600.000	20.442	16.240	46.593
1170.161	1405.282	0.710	955.592	854.583
0.999	14.773			
3/21/2016 4:45:00 PM	535500.000	20.443	16.240	46.595
1170.117	1405.234	0.710	955.559	854.616
0.999	14.765			
3/21/2016 5:00:00 PM	536400.000	20.448	16.240	46.607
1170.820	1406.085	0.711	956.138	854.102
0.999	14.770			
3/21/2016 5:15:00 PM	537300.000	20.445	16.240	46.601
1170.947	1406.237	0.711	956.241	854.010
0.999	14.773			
3/21/2016 5:30:00 PM	538200.000	20.434	16.239	46.574
1172.234	1407.814	0.711	957.314	853.072
0.999	14.779			
3/21/2016 5:45:00 PM	539100.000	20.436	16.238	46.579
1174.591	1410.659	0.713	959.248	851.360
0.999	14.777			
3/21/2016 6:00:00 PM	540000.000	20.442	16.238	46.594
1177.113	1413.708	0.715	961.321	849.536
0.999	14.776			
3/21/2016 6:15:00 PM	540900.000	20.444	16.238	46.598
1179.912	1417.057	0.716	963.599	847.521

0.999	14.773			
3/21/2016 6:30:00 PM	541800.000	20.441	16.238	46.592
1182.440	1420.105	0.718	965.671	845.709
0.999	14.774			
3/21/2016 6:45:00 PM	542700.000	20.434	16.237	46.576
1184.267	1422.311	0.719	967.172	844.404
0.999	14.778			
3/21/2016 7:00:00 PM	543600.000	20.437	16.237	46.582
1187.235	1425.884	0.721	969.601	842.293
0.999	14.772			
3/21/2016 7:15:00 PM	544500.000	20.437	16.237	46.582
1192.211	1431.869	0.724	973.671	838.778
0.999	14.772			
3/21/2016 7:30:00 PM	545400.000	20.442	16.236	46.593
1197.158	1437.842	0.727	977.733	835.312
0.999	14.773			
3/21/2016 7:45:00 PM	546300.000	20.437	16.237	46.583
1201.863	1443.461	0.730	981.553	832.042
0.999	14.779			
3/21/2016 8:00:00 PM	547200.000	20.444	16.236	46.598
1207.737	1450.543	0.734	986.369	827.995
0.999	14.770			
3/21/2016 8:15:00 PM	548100.000	20.440	16.237	46.590
1212.319	1456.031	0.737	990.101	824.866
0.999	14.778			
3/21/2016 8:30:00 PM	549000.000	20.440	16.236	46.590
1217.255	1461.965	0.740	994.136	821.521
0.999	14.774			
3/21/2016 8:45:00 PM	549900.000	20.444	16.236	46.599
1227.184	1473.908	0.746	1002.258	814.873
0.999	14.778			
3/21/2016 9:00:00 PM	550800.000	20.442	16.236	46.593
1242.659	1492.503	0.756	1014.902	804.726
0.999	14.784			
3/21/2016 9:15:00 PM	551700.000	20.438	16.235	46.584
1258.264	1511.267	0.766	1027.661	794.746
0.999	14.789			
3/21/2016 9:30:00 PM	552600.000	20.433	16.235	46.574
1274.137	1530.338	0.776	1040.630	784.845
1.000	14.792			
3/21/2016 9:45:00 PM	553500.000	20.432	16.235	46.571
1287.797	1546.729	0.785	1051.776	776.520
1.000	14.793			
3/21/2016 10:00:00 PM	554400.000	20.434	16.234	46.575
1299.441	1560.743	0.792	1061.305	769.562
1.000	14.796			
3/21/2016 10:15:00 PM	555300.000	20.428	16.234	46.561
1316.698	1581.473	0.803	1075.401	759.476
1.000	14.802			
3/21/2016 10:30:00 PM	556200.000	20.434	16.235	46.576
1331.363	1599.071	0.813	1087.369	751.110
1.000	14.799			
3/21/2016 10:45:00 PM	557100.000	20.432	16.235	46.570
1333.525	1601.674	0.814	1089.139	749.892
1.000	14.802			
3/21/2016 11:00:00 PM	558000.000	20.434	16.235	46.574
1340.169	1609.644	0.818	1094.558	746.175

1.000	14.799			
3/21/2016 11:15:00 PM	558900.000	20.436	16.235	46.580
1345.276	1615.775	0.822	1098.727	743.342
1.000	14.799			
3/21/2016 11:30:00 PM	559800.000	20.425	16.235	46.554
1349.316	1620.637	0.824	1102.033	741.116
1.000	14.808			
3/21/2016 11:45:00 PM	560700.000	20.428	16.235	46.563
1351.470	1623.211	0.826	1103.783	739.935
1.000	14.804			
3/22/2016 12:00:00 AM	561600.000	20.433	16.235	46.574
1354.891	1627.310	0.828	1106.571	738.067
1.000	14.803			
3/22/2016 12:15:00 AM	562500.000	20.431	16.235	46.568
1374.016	1650.304	0.840	1122.207	727.794
1.000	14.801			
3/22/2016 12:30:00 AM	563400.000	20.426	16.235	46.557
1371.501	1647.279	0.839	1120.150	729.128
1.000	14.807			
3/22/2016 12:45:00 AM	564300.000	20.427	16.236	46.558
1362.813	1636.812	0.833	1113.032	733.776
1.000	14.809			
3/22/2016 1:00:00 AM	565200.000	20.424	16.235	46.552
1355.000	1627.438	0.828	1106.658	738.007
1.000	14.810			
3/22/2016 1:15:00 AM	566100.000	20.425	16.237	46.555
1346.877	1617.642	0.823	1099.997	742.458
1.000	14.813			
3/22/2016 1:30:00 AM	567000.000	20.426	16.236	46.557
1340.480	1609.973	0.819	1094.781	746.001
1.000	14.810			
3/22/2016 1:45:00 AM	567900.000	20.423	16.236	46.550
1332.473	1600.352	0.814	1088.239	750.484
1.000	14.809			
3/22/2016 2:00:00 AM	568800.000	20.427	16.237	46.559
1322.140	1587.913	0.807	1079.781	756.350
1.000	14.813			
3/22/2016 2:15:00 AM	569700.000	20.422	16.236	46.548
1309.042	1572.205	0.799	1069.099	763.917
1.000	14.813			
3/22/2016 2:30:00 AM	570600.000	20.427	16.237	46.558
1300.997	1562.520	0.793	1062.514	768.641
1.000	14.812			
3/22/2016 2:45:00 AM	571500.000	20.427	16.237	46.559
1292.487	1552.296	0.788	1055.561	773.702
1.000	14.811			
3/22/2016 3:00:00 AM	572400.000	20.428	16.237	46.561
1286.216	1544.759	0.784	1050.436	777.474
1.000	14.811			
3/22/2016 3:15:00 AM	573300.000	20.436	16.237	46.579
1279.354	1536.521	0.780	1044.834	781.644
1.000	14.802			
3/22/2016 3:30:00 AM	574200.000	20.431	16.238	46.568
1267.595	1522.376	0.772	1035.215	788.896
1.000	14.807			
3/22/2016 3:45:00 AM	575100.000	20.424	16.238	46.553
1247.507	1498.248	0.759	1018.808	801.599

0.999	14.808			
3/22/2016 4:00:00 AM	576000.000	20.425	16.238	46.556
1223.950	1469.938	0.744	999.558	817.027
0.999	14.809			
3/22/2016 4:15:00 AM	576900.000	20.424	16.239	46.553
1201.990	1443.556	0.730	981.618	831.953
0.999	14.817			
3/22/2016 4:30:00 AM	577800.000	20.428	16.239	46.562
1186.470	1424.913	0.720	968.941	842.836
0.999	14.811			
3/22/2016 4:45:00 AM	578700.000	20.436	16.239	46.580
1173.047	1408.782	0.712	957.972	852.480
0.999	14.806			
3/22/2016 5:00:00 AM	579600.000	20.429	16.239	46.564
1162.121	1395.663	0.705	949.051	860.496
0.999	14.806			
3/22/2016 5:15:00 AM	580500.000	20.429	16.239	46.564
1156.080	1388.402	0.701	944.114	864.992
0.999	14.810			
3/22/2016 5:30:00 AM	581400.000	20.430	16.239	46.566
1150.900	1382.181	0.698	939.883	868.885
0.999	14.816			
3/22/2016 5:45:00 AM	582300.000	20.430	16.239	46.566
1147.095	1377.609	0.695	936.774	871.767
0.999	14.811			
3/22/2016 6:00:00 AM	583200.000	20.428	16.238	46.561
1144.958	1375.081	0.694	935.055	873.395
0.999	14.819			
3/22/2016 6:15:00 AM	584100.000	20.422	16.239	46.548
1140.311	1369.470	0.691	931.239	876.954
0.999	14.825			
3/22/2016 6:30:00 AM	585000.000	20.425	16.239	46.554
1137.323	1365.890	0.689	928.805	879.257
0.999	14.821			
3/22/2016 6:45:00 AM	585900.000	20.422	16.239	46.547
1135.575	1363.790	0.688	927.378	880.611
0.999	14.825			
3/22/2016 7:00:00 AM	586800.000	20.411	16.238	46.523
1137.578	1366.215	0.689	929.026	879.061
0.999	14.833			
3/22/2016 7:15:00 AM	587700.000	20.430	16.239	46.567
1136.316	1364.689	0.689	927.988	880.037
0.999	14.822			
3/22/2016 7:30:00 AM	588600.000	20.427	16.238	46.559
1133.998	1361.907	0.687	926.097	881.836
0.999	14.828			
3/22/2016 7:45:00 AM	589500.000	20.416	16.238	46.535
1132.774	1360.440	0.686	925.099	882.789
0.999	14.840			
3/22/2016 8:00:00 AM	590400.000	20.432	16.238	46.572
1133.429	1361.226	0.687	925.634	882.279
0.999	14.830			
3/22/2016 8:15:00 AM	591300.000	20.428	16.238	46.561
1133.731	1361.603	0.687	925.890	882.044
0.999	14.839			
3/22/2016 8:30:00 AM	592200.000	20.415	16.237	46.533
1133.758	1361.661	0.687	925.929	882.022

0.999	14.847			
3/22/2016 8:45:00 AM	593100.000	20.419	16.238	46.541
1134.652	1362.721	0.688	926.650	881.327
0.999	14.845			
3/22/2016 9:00:00 AM	594000.000	20.412	16.237	46.525
1135.266	1363.469	0.688	927.159	880.851
0.999	14.847			
3/22/2016 9:15:00 AM	594900.000	20.427	16.237	46.558
1137.369	1365.989	0.689	928.873	879.222
0.999	14.844			
3/22/2016 9:30:00 AM	595800.000	20.415	16.237	46.532
1145.287	1375.513	0.694	935.349	873.143
0.999	14.853			
3/22/2016 9:45:00 AM	596700.000	20.421	16.236	46.547
1152.904	1384.677	0.699	941.580	867.375
0.999	14.854			
3/22/2016 10:00:00 AM	597600.000	20.417	16.236	46.538
1158.852	1391.826	0.703	946.442	862.923
0.999	14.855			
3/22/2016 10:15:00 AM	598500.000	20.415	16.236	46.532
1162.325	1395.998	0.705	949.279	860.345
0.999	14.862			
3/22/2016 10:30:00 AM	599400.000	20.422	16.237	46.548
1163.323	1397.186	0.706	950.086	859.606
0.999	14.857			
3/22/2016 10:45:00 AM	600300.000	20.420	16.236	46.543
1163.682	1397.631	0.706	950.389	859.341
0.999	14.860			
3/22/2016 11:00:00 AM	601200.000	20.423	16.237	46.551
1161.125	1394.541	0.704	948.288	861.233
0.999	14.862			
3/22/2016 11:15:00 AM	602100.000	20.422	16.237	46.548
1157.437	1390.108	0.702	945.273	863.978
0.999	14.858			
3/22/2016 11:30:00 AM	603000.000	20.422	16.237	46.548
1153.485	1385.358	0.700	942.044	866.938
0.999	14.860			
3/22/2016 11:45:00 AM	603900.000	20.419	16.238	46.540
1148.088	1378.849	0.696	937.617	871.013
0.999	14.861			
3/22/2016 12:00:00 PM	604800.000	20.416	16.238	46.535
1137.783	1366.461	0.690	929.193	878.902
0.999	14.862			
3/22/2016 12:15:00 PM	605700.000	20.413	16.238	46.528
1119.003	1343.902	0.678	913.853	893.652
0.999	14.866			
3/22/2016 12:30:00 PM	606600.000	20.419	16.239	46.541
1091.060	1310.327	0.660	891.023	916.540
0.999	14.857			
3/22/2016 12:45:00 PM	607500.000	20.414	16.239	46.530
1063.771	1277.536	0.643	868.725	940.052
0.999	14.862			
3/22/2016 1:00:00 PM	608400.000	20.411	16.240	46.523
1039.160	1247.966	0.627	848.617	962.316
0.999	14.870			
3/22/2016 1:15:00 PM	609300.000	20.425	16.241	46.556
1006.050	1208.174	0.606	821.558	993.987

0.999	14.858			
3/22/2016 1:30:00 PM	610200.000	20.418	16.241	46.538
960.309	1153.234	0.578	784.199	1041.332
0.999	14.853			
3/22/2016 1:45:00 PM	611100.000	20.415	16.243	46.532
925.072	1110.887	0.556	755.403	1080.997
0.999	14.855			
3/22/2016 2:00:00 PM	612000.000	20.422	16.242	46.549
899.018	1079.608	0.539	734.134	1112.325
0.999	14.849			
3/22/2016 2:15:00 PM	612900.000	20.420	16.243	46.543
881.398	1058.426	0.528	719.729	1134.561
0.999	14.850			
3/22/2016 2:30:00 PM	613800.000	20.423	16.243	46.551
867.976	1042.301	0.520	708.764	1152.106
0.999	14.846			
3/22/2016 2:45:00 PM	614700.000	20.421	16.244	46.545
856.223	1028.165	0.513	699.152	1167.920
0.999	14.845			
3/22/2016 3:00:00 PM	615600.000	20.422	16.245	46.549
842.552	1011.732	0.504	687.978	1186.871
0.999	14.843			
3/22/2016 3:15:00 PM	616500.000	20.418	16.245	46.539
824.666	990.246	0.493	673.367	1212.613
0.999	14.845			
3/22/2016 3:30:00 PM	617400.000	20.427	16.246	46.559
802.763	963.931	0.479	655.473	1245.697
0.999	14.837			
3/22/2016 3:45:00 PM	618300.000	20.425	16.247	46.556
785.044	942.635	0.468	640.992	1273.814
0.999	14.838			
3/22/2016 4:00:00 PM	619200.000	20.424	16.247	46.552
771.723	926.636	0.460	630.112	1295.802
0.999	14.838			
3/22/2016 4:15:00 PM	620100.000	20.432	16.248	46.572
760.764	913.466	0.453	621.157	1314.469
0.999	14.830			
3/22/2016 4:30:00 PM	621000.000	20.428	16.248	46.561
751.938	902.869	0.448	613.951	1329.897
0.999	14.835			
3/22/2016 4:45:00 PM	621900.000	20.426	16.248	46.558
745.853	895.562	0.444	608.982	1340.747
0.999	14.833			
3/22/2016 5:00:00 PM	622800.000	20.425	16.248	46.555
741.553	890.399	0.441	605.471	1348.521
0.999	14.835			
3/22/2016 5:15:00 PM	623700.000	20.422	16.247	46.548
738.479	886.723	0.440	602.972	1354.134
0.999	14.835			
3/22/2016 5:30:00 PM	624600.000	20.418	16.247	46.540
735.966	883.698	0.438	600.915	1358.759
0.999	14.832			
3/22/2016 5:45:00 PM	625500.000	20.425	16.248	46.556
733.951	881.273	0.437	599.266	1362.488
0.999	14.830			
3/22/2016 6:00:00 PM	626400.000	20.414	16.248	46.530
731.388	878.189	0.435	597.168	1367.263



0.999	14.838			
3/22/2016 6:15:00 PM	627300.000	20.428	16.247	46.561
728.422	874.638	0.433	594.754	1372.830
0.999	14.834			
3/22/2016 6:30:00 PM	628200.000	20.422	16.248	46.547
726.593	872.438	0.432	593.258	1376.286
0.999	14.833			
3/22/2016 6:45:00 PM	629100.000	20.422	16.247	46.549
724.021	869.355	0.431	591.161	1381.176
0.999	14.834			
3/22/2016 7:00:00 PM	630000.000	20.422	16.247	46.548
722.378	867.395	0.430	589.829	1384.316
0.999	14.837			
3/22/2016 7:15:00 PM	630900.000	20.428	16.246	46.563
721.134	865.909	0.429	588.818	1386.705
0.999	14.830			
3/22/2016 7:30:00 PM	631800.000	20.425	16.246	46.555
720.209	864.813	0.428	588.073	1388.486
0.999	14.839			
3/22/2016 7:45:00 PM	632700.000	20.427	16.245	46.559
718.976	863.337	0.427	587.069	1390.867
0.999	14.839			
3/22/2016 8:00:00 PM	633600.000	20.424	16.245	46.552
718.482	862.756	0.427	586.674	1391.824
0.999	14.843			
3/22/2016 8:15:00 PM	634500.000	20.423	16.244	46.551
717.711	861.843	0.427	586.053	1393.318
0.999	14.845			
3/22/2016 8:30:00 PM	635400.000	20.425	16.244	46.556
717.224	861.263	0.426	585.659	1394.266
0.999	14.847			
3/22/2016 8:45:00 PM	636300.000	20.418	16.243	46.539
716.690	860.641	0.426	585.236	1395.303
0.999	14.855			
3/22/2016 9:00:00 PM	637200.000	20.425	16.243	46.555
716.078	859.913	0.426	584.741	1396.497
0.999	14.844			
3/22/2016 9:15:00 PM	638100.000	20.415	16.242	46.532
715.864	859.666	0.426	584.573	1396.914
0.999	14.855			
3/22/2016 9:30:00 PM	639000.000	20.424	16.242	46.553
715.630	859.389	0.425	584.385	1397.369
0.999	14.852			
3/22/2016 9:45:00 PM	639900.000	20.425	16.242	46.555
715.630	859.390	0.425	584.385	1397.371
0.999	14.853			
3/22/2016 10:00:00 PM	640800.000	20.414	16.242	46.531
715.538	859.270	0.425	584.303	1397.550
0.999	14.863			
3/22/2016 10:15:00 PM	641700.000	20.414	16.242	46.531
715.201	858.877	0.425	584.036	1398.208
0.999	14.865			
3/22/2016 10:30:00 PM	642600.000	20.419	16.241	46.540
714.809	858.426	0.425	583.730	1398.975
0.999	14.861			
3/22/2016 10:45:00 PM	643500.000	20.418	16.241	46.538
714.252	857.746	0.425	583.267	1400.066

0.999	14.854			
3/22/2016 11:00:00 PM	644400.000	20.417	16.241	46.538
714.063	857.532	0.425	583.122	1400.436
0.999	14.858			
3/22/2016 11:15:00 PM	645300.000	20.415	16.241	46.533
713.814	857.222	0.424	582.911	1400.925
0.999	14.858			
3/22/2016 11:30:00 PM	646200.000	20.425	16.241	46.554
713.127	856.396	0.424	582.349	1402.274
0.999	14.855			
3/22/2016 11:45:00 PM	647100.000	20.417	16.242	46.538
712.855	856.060	0.424	582.121	1402.809
0.999	14.862			
3/23/2016 12:00:00 AM	648000.000	20.419	16.241	46.541
711.949	854.986	0.423	581.391	1404.594
0.999	14.859			
3/23/2016 12:15:00 AM	648900.000	20.415	16.242	46.533
711.598	854.550	0.423	581.094	1405.289
0.999	14.861			
3/23/2016 12:30:00 AM	649800.000	20.419	16.242	46.541
710.836	853.628	0.423	580.467	1406.795
0.999	14.857			
3/23/2016 12:45:00 AM	650700.000	20.410	16.243	46.521
709.859	852.444	0.422	579.662	1408.731
0.999	14.863			
3/23/2016 1:00:00 AM	651600.000	20.418	16.242	46.538
708.867	851.258	0.421	578.855	1410.701
0.999	14.854			
3/23/2016 1:15:00 AM	652500.000	20.416	16.242	46.535
708.009	850.225	0.421	578.153	1412.411
0.999	14.858			
3/23/2016 1:30:00 AM	653400.000	20.423	16.244	46.550
706.879	848.846	0.420	577.216	1414.668
0.999	14.853			
3/23/2016 1:45:00 AM	654300.000	20.419	16.243	46.541
705.650	847.376	0.419	576.216	1417.134
0.999	14.857			
3/23/2016 2:00:00 AM	655200.000	20.416	16.244	46.534
704.310	845.749	0.418	575.109	1419.830
0.999	14.854			
3/23/2016 2:15:00 AM	656100.000	20.419	16.244	46.542
703.026	844.209	0.418	574.062	1422.422
0.999	14.855			
3/23/2016 2:30:00 AM	657000.000	20.425	16.244	46.556
702.038	843.026	0.417	573.258	1424.424
0.999	14.851			
3/23/2016 2:45:00 AM	657900.000	20.420	16.245	46.544
701.091	841.877	0.416	572.476	1426.348
0.999	14.853			
3/23/2016 3:00:00 AM	658800.000	20.419	16.244	46.542
700.277	840.902	0.416	571.813	1428.007
0.999	14.852			
3/23/2016 3:15:00 AM	659700.000	20.424	16.245	46.552
699.135	839.523	0.415	570.875	1430.340
0.999	14.848			
3/23/2016 3:30:00 AM	660600.000	20.417	16.246	46.537
698.648	838.923	0.415	570.467	1431.336

0.999	14.851			
3/23/2016 3:45:00 AM	661500.000	20.419	16.245	46.542
697.771	837.878	0.414	569.757	1433.134
0.999	14.847			
3/23/2016 4:00:00 AM	662400.000	20.420	16.246	46.544
697.230	837.219	0.414	569.309	1434.247
0.999	14.846			
3/23/2016 4:15:00 AM	663300.000	20.422	16.246	46.547
696.556	836.396	0.414	568.749	1435.634
0.999	14.844			
3/23/2016 4:30:00 AM	664200.000	20.420	16.247	46.542
695.949	835.665	0.413	568.252	1436.887
0.999	14.844			
3/23/2016 4:45:00 AM	665100.000	20.426	16.246	46.558
695.121	834.676	0.413	567.580	1438.598
0.999	14.843			
3/23/2016 5:00:00 AM	666000.000	20.419	16.247	46.542
694.667	834.118	0.412	567.200	1439.538
0.999	14.849			
3/23/2016 5:15:00 AM	666900.000	20.426	16.247	46.557
694.272	833.647	0.412	566.880	1440.357
0.999	14.845			
3/23/2016 5:30:00 AM	667800.000	20.424	16.247	46.552
693.908	833.201	0.412	566.577	1441.112
0.999	14.843			
3/23/2016 5:45:00 AM	668700.000	20.415	16.247	46.533
693.329	832.515	0.412	566.110	1442.317
0.999	14.850			
3/23/2016 6:00:00 AM	669600.000	20.425	16.246	46.555
693.310	832.501	0.412	566.101	1442.356
0.999	14.849			
3/23/2016 6:15:00 AM	670500.000	20.421	16.246	46.547
692.743	831.822	0.411	565.639	1443.537
0.999	14.853			
3/23/2016 6:30:00 AM	671400.000	20.427	16.246	46.560
692.595	831.645	0.411	565.518	1443.845
0.999	14.846			
3/23/2016 6:45:00 AM	672300.000	20.424	16.245	46.553
692.308	831.315	0.411	565.294	1444.444
0.999	14.852			
3/23/2016 7:00:00 AM	673200.000	20.421	16.245	46.546
692.191	831.185	0.411	565.206	1444.688
0.999	14.858			
3/23/2016 7:15:00 AM	674100.000	20.423	16.245	46.550
691.906	830.846	0.411	564.975	1445.282
0.999	14.857			
3/23/2016 7:30:00 AM	675000.000	20.418	16.244	46.540
691.725	830.642	0.411	564.837	1445.660
0.999	14.862			
3/23/2016 7:45:00 AM	675900.000	20.418	16.244	46.538
691.611	830.506	0.411	564.744	1445.900
0.999	14.862			
3/23/2016 8:00:00 AM	676800.000	20.418	16.243	46.540
691.382	830.252	0.411	564.571	1446.378
0.999	14.866			
3/23/2016 8:15:00 AM	677700.000	20.414	16.242	46.531
691.201	830.045	0.410	564.431	1446.758

0.999	14.872			
3/23/2016 8:30:00 AM	678600.000	20.402	16.241	46.503
691.288	830.170	0.410	564.516	1446.575
0.999	14.882			
3/23/2016 8:45:00 AM	679500.000	20.410	16.241	46.521
691.061	829.898	0.410	564.331	1447.050
0.999	14.875			
3/23/2016 9:00:00 AM	680400.000	20.416	16.241	46.534
690.867	829.666	0.410	564.173	1447.456
0.999	14.879			
3/23/2016 9:15:00 AM	681300.000	20.418	16.241	46.539
691.013	829.846	0.410	564.295	1447.150
0.999	14.876			
3/23/2016 9:30:00 AM	682200.000	20.414	16.240	46.530
691.029	829.875	0.410	564.315	1447.118
0.999	14.880			
3/23/2016 9:45:00 AM	683100.000	20.413	16.240	46.528
691.023	829.874	0.410	564.314	1447.130
0.999	14.883			
3/23/2016 10:00:00 AM	684000.000	20.414	16.239	46.529
690.809	829.627	0.410	564.147	1447.577
0.999	14.881			
3/23/2016 10:15:00 AM	684900.000	20.415	16.240	46.533
690.911	829.738	0.410	564.222	1447.364
0.999	14.882			
3/23/2016 10:30:00 AM	685800.000	20.410	16.240	46.521
690.935	829.768	0.410	564.243	1447.313
0.999	14.885			
3/23/2016 10:45:00 AM	686700.000	20.405	16.240	46.509
691.107	829.971	0.410	564.380	1446.955
0.999	14.892			
3/23/2016 11:00:00 AM	687600.000	20.415	16.240	46.531
690.674	829.450	0.410	564.026	1447.861
0.999	14.884			
3/23/2016 11:15:00 AM	688500.000	20.408	16.241	46.517
690.769	829.556	0.410	564.098	1447.662
0.999	14.887			
3/23/2016 11:30:00 AM	689400.000	20.408	16.241	46.515
690.741	829.522	0.410	564.075	1447.721
0.999	14.891			
3/23/2016 11:45:00 AM	690300.000	20.405	16.241	46.509
690.718	829.484	0.410	564.049	1447.769
0.999	14.892			
3/23/2016 12:00:00 PM	691200.000	20.419	16.241	46.542
690.659	829.412	0.410	564.000	1447.892
0.999	14.883			
3/23/2016 12:15:00 PM	692100.000	20.405	16.242	46.510
690.786	829.560	0.410	564.101	1447.627
0.999	14.892			
3/23/2016 12:30:00 PM	693000.000	20.407	16.242	46.515
690.562	829.290	0.410	563.917	1448.097
0.999	14.888			
3/23/2016 12:45:00 PM	693900.000	20.413	16.242	46.527
690.585	829.308	0.410	563.930	1448.047
0.999	14.886			
3/23/2016 1:00:00 PM	694800.000	20.419	16.243	46.541
690.305	828.952	0.410	563.687	1448.635

0.999	14.881			
3/23/2016 1:15:00 PM	695700.000	20.406	16.243	46.511
690.398	829.058	0.410	563.760	1448.439
0.999	14.891			
3/23/2016 1:30:00 PM	696600.000	20.411	16.244	46.523
690.126	828.725	0.410	563.533	1449.011
0.999	14.878			
3/23/2016 1:45:00 PM	697500.000	20.408	16.245	46.516
690.129	828.713	0.410	563.525	1449.005
0.999	14.882			
3/23/2016 2:00:00 PM	698400.000	20.417	16.244	46.537
689.859	828.394	0.410	563.308	1449.573
0.999	14.879			
3/23/2016 2:15:00 PM	699300.000	20.418	16.246	46.538
689.736	828.224	0.409	563.192	1449.829
0.999	14.877			
3/23/2016 2:30:00 PM	700200.000	20.412	16.245	46.526
689.632	828.099	0.409	563.107	1450.050
0.999	14.881			
3/23/2016 2:45:00 PM	701100.000	20.408	16.246	46.516
689.236	827.622	0.409	562.783	1450.883
0.999	14.883			
3/23/2016 3:00:00 PM	702000.000	20.417	16.246	46.538
689.360	827.763	0.409	562.879	1450.621
0.999	14.874			
3/23/2016 3:15:00 PM	702900.000	20.415	16.246	46.532
689.187	827.551	0.409	562.735	1450.984
0.999	14.873			
3/23/2016 3:30:00 PM	703800.000	20.419	16.246	46.540
689.161	827.523	0.409	562.715	1451.040
0.999	14.871			
3/23/2016 3:45:00 PM	704700.000	20.420	16.247	46.545
688.977	827.292	0.409	562.559	1451.426
0.999	14.869			
3/23/2016 4:00:00 PM	705600.000	20.417	16.247	46.537
688.698	826.955	0.409	562.329	1452.015
0.999	14.871			
3/23/2016 4:15:00 PM	706500.000	20.415	16.246	46.532
688.527	826.756	0.409	562.194	1452.375
0.999	14.873			
3/23/2016 4:30:00 PM	707400.000	20.406	16.247	46.512
688.557	826.786	0.409	562.214	1452.313
0.999	14.876			
3/23/2016 4:45:00 PM	708300.000	20.417	16.247	46.536
688.243	826.404	0.409	561.955	1452.974
0.999	14.868			
3/23/2016 5:00:00 PM	709200.000	20.418	16.247	46.539
688.174	826.326	0.408	561.902	1453.120
0.999	14.865			
3/23/2016 5:15:00 PM	710100.000	20.418	16.247	46.539
687.974	826.081	0.408	561.735	1453.542
0.999	14.862			
3/23/2016 5:30:00 PM	711000.000	20.416	16.246	46.535
688.176	826.334	0.408	561.907	1453.118
0.999	14.867			
3/23/2016 5:45:00 PM	711900.000	20.418	16.246	46.538
687.772	825.850	0.408	561.578	1453.970

0.999	14.863			
3/23/2016 6:00:00 PM	712800.000	20.409	16.246	46.519
687.893	825.996	0.408	561.677	1453.715
0.999	14.874			
3/23/2016 6:15:00 PM	713700.000	20.419	16.246	46.541
687.649	825.717	0.408	561.487	1454.231
0.999	14.862			
3/23/2016 6:30:00 PM	714600.000	20.420	16.245	46.543
687.556	825.617	0.408	561.420	1454.426
0.999	14.865			
3/23/2016 6:45:00 PM	715500.000	20.422	16.244	46.547
687.385	825.427	0.408	561.290	1454.789
0.999	14.864			
3/23/2016 7:00:00 PM	716400.000	20.423	16.244	46.550
687.398	825.447	0.408	561.304	1454.761
0.999	14.862			
3/23/2016 7:15:00 PM	717300.000	20.419	16.243	46.542
687.449	825.522	0.408	561.355	1454.653
0.999	14.864			
3/23/2016 7:30:00 PM	718200.000	20.418	16.244	46.539
687.349	825.391	0.408	561.266	1454.865
0.999	14.862			
3/23/2016 7:45:00 PM	719100.000	20.419	16.243	46.541
687.270	825.311	0.408	561.212	1455.033
0.999	14.863			
3/23/2016 8:00:00 PM	720000.000	20.416	16.243	46.535
687.254	825.289	0.408	561.197	1455.066
0.999	14.863			
3/23/2016 8:15:00 PM	720900.000	20.424	16.243	46.554
687.060	825.064	0.408	561.043	1455.476
0.999	14.859			
3/23/2016 8:30:00 PM	721800.000	20.423	16.243	46.551
687.150	825.172	0.408	561.117	1455.287
0.999	14.862			
3/23/2016 8:45:00 PM	722700.000	20.422	16.243	46.548
687.001	824.984	0.408	560.989	1455.601
0.999	14.865			
3/23/2016 9:00:00 PM	723600.000	20.414	16.243	46.530
686.941	824.917	0.408	560.943	1455.729
0.999	14.871			
3/23/2016 9:15:00 PM	724500.000	20.419	16.242	46.541
686.950	824.938	0.408	560.958	1455.710
0.999	14.865			
3/23/2016 9:30:00 PM	725400.000	20.415	16.242	46.533
686.790	824.758	0.408	560.835	1456.048
0.999	14.872			
3/23/2016 9:45:00 PM	726300.000	20.414	16.242	46.530
686.704	824.649	0.408	560.761	1456.231
0.999	14.870			
3/23/2016 10:00:00 PM	727200.000	20.421	16.242	46.545
686.803	824.773	0.408	560.846	1456.021
0.999	14.867			
3/23/2016 10:15:00 PM	728100.000	20.414	16.241	46.530
686.584	824.522	0.408	560.675	1456.485
0.999	14.870			
3/23/2016 10:30:00 PM	729000.000	20.415	16.242	46.532
686.698	824.650	0.408	560.762	1456.244

0.999	14.870			
3/23/2016 10:45:00 PM	729900.000	20.417	16.242	46.536
686.439	824.339	0.407	560.551	1456.794
0.999	14.868			
3/23/2016 11:00:00 PM	730800.000	20.416	16.241	46.534
686.660	824.610	0.408	560.735	1456.326
0.999	14.871			
3/23/2016 11:15:00 PM	731700.000	20.411	16.241	46.523
686.559	824.489	0.408	560.653	1456.539
0.999	14.873			
3/23/2016 11:30:00 PM	732600.000	20.419	16.241	46.542
686.635	824.594	0.408	560.724	1456.379
0.999	14.867			
3/23/2016 11:45:00 PM	733500.000	20.422	16.241	46.549
686.464	824.374	0.407	560.574	1456.741
0.999	14.865			

Report Date: 3/24/2016 2:16:14 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-9D LT Test\_Append\_2016-03-24\_08-38-28-941-BaroMerge.wsl  
Create Date: 3/24/2016 2:13:51 PM

Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-9D  
Device Name:  
Serial Number: 437458  
Firmware Version: 2.00  
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 6:00:40 PM	Used Battery: 0% Used Memory: 3% User Name: KMakar
1/15/2016 9:46:56 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/21/2016 8:40:05 AM	Log Download - Used Battery: 0% Used Memory: 3% User Name: KMakar
1/28/2016 8:53:47 AM	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 9:56:59 AM	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 9:46:54 AM	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 11:36:38 AM	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 11:25:56 AM	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 12:32:15 PM	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 2:24:10 PM	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 11:02:30 AM	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 8:37:37 AM	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
3/24/2016 2:13:51 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-03-24_13-31-57-718.wsl""

Log Data:

Record Count: 851

Sensors: 2

1 - 437458: PCTD 300 PSIA (200.7m/658.7ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Date and Time	Elapsed Time	Corrected Seconds	Corrected Pressure (PSI)	Corrected Temperature (C)	Corrected Depth (ft)	Actual Resistivity
Conductivity (µS)	Specific Conductivity (µS)	Water Density (g/cm3)	Salinity (PSU)	Barometric Pressure (PSI)	Total Dissolved Solids (ppm)	
(ohm-cm)						
3/17/2016 12:00:00 AM	129600.000		154.671	21.111	357.132	
669.211	722.915		0.357	491.582	1494.297	
0.998	14.721					
3/17/2016 12:15:00 AM	130500.000		154.671	21.122	357.131	
669.711	723.278		0.357	491.829	1493.181	
0.998	14.719					
3/17/2016 12:30:00 AM	131400.000		154.665	21.113	357.117	

669.444	723.124	0.357	491.725	1493.776
0.998	14.722			
3/17/2016 12:45:00 AM	132300.000	154.685	21.115	357.164
668.924	722.543	0.356	491.329	1494.937
0.998	14.716			
3/17/2016 1:00:00 AM	133200.000	154.687	21.119	357.167
668.797	722.338	0.356	491.190	1495.222
0.998	14.717			
3/17/2016 1:15:00 AM	134100.000	154.686	21.113	357.166
668.369	721.966	0.356	490.937	1496.180
0.998	14.715			
3/17/2016 1:30:00 AM	135000.000	154.676	21.116	357.143
668.323	721.871	0.356	490.872	1496.282
0.998	14.721			
3/17/2016 1:45:00 AM	135900.000	154.699	21.110	357.195
668.212	721.850	0.356	490.858	1496.531
0.998	14.714			
3/17/2016 2:00:00 AM	136800.000	154.702	21.114	357.202
668.249	721.828	0.356	490.843	1496.447
0.998	14.719			
3/17/2016 2:15:00 AM	137700.000	154.702	21.120	357.201
668.563	722.076	0.356	491.011	1495.745
0.998	14.714			
3/17/2016 2:30:00 AM	138600.000	154.718	21.113	357.238
668.320	721.921	0.356	490.906	1496.288
0.998	14.706			
3/17/2016 2:45:00 AM	139500.000	154.703	21.118	357.204
667.252	720.691	0.355	490.070	1498.684
0.998	14.711			
3/17/2016 3:00:00 AM	140400.000	154.713	21.122	357.228
667.299	720.684	0.355	490.065	1498.578
0.998	14.705			
3/17/2016 3:15:00 AM	141300.000	154.722	21.121	357.247
667.166	720.547	0.355	489.972	1498.878
0.998	14.700			
3/17/2016 3:30:00 AM	142200.000	154.717	21.126	357.237
667.287	720.605	0.355	490.011	1498.606
0.998	14.708			
3/17/2016 3:45:00 AM	143100.000	154.721	21.122	357.246
666.525	719.848	0.355	489.497	1500.318
0.998	14.703			
3/17/2016 4:00:00 AM	144000.000	154.736	21.117	357.281
666.339	719.718	0.355	489.408	1500.738
0.998	14.698			
3/17/2016 4:15:00 AM	144900.000	154.737	21.119	357.283
665.635	718.928	0.354	488.871	1502.324
0.998	14.697			
3/17/2016 4:30:00 AM	145800.000	154.739	21.115	357.288
665.297	718.622	0.354	488.663	1503.089
0.998	14.701			
3/17/2016 4:45:00 AM	146700.000	154.732	21.112	357.270
665.298	718.665	0.354	488.692	1503.086
0.998	14.703			
3/17/2016 5:00:00 AM	147600.000	154.738	21.114	357.286
665.111	718.441	0.354	488.540	1503.508
0.998	14.696			
3/17/2016 5:15:00 AM	148500.000	154.758	21.116	357.332
665.586	718.913	0.354	488.861	1502.436

0.998	14.695			
3/17/2016 5:30:00 AM	149400.000	154.751	21.116	357.316
665.721	719.071	0.355	488.969	1502.130
0.998	14.697			
3/17/2016 5:45:00 AM	150300.000	154.760	21.128	357.336
666.245	719.449	0.355	489.225	1500.949
0.998	14.693			
3/17/2016 6:00:00 AM	151200.000	154.760	21.123	357.337
667.854	721.262	0.356	490.458	1497.333
0.998	14.688			
3/17/2016 6:15:00 AM	152100.000	154.763	21.130	357.343
666.988	720.217	0.355	489.748	1499.278
0.998	14.695			
3/17/2016 6:30:00 AM	153000.000	154.782	21.119	357.387
667.289	720.719	0.355	490.089	1498.601
0.998	14.691			
3/17/2016 6:45:00 AM	153900.000	154.783	21.128	357.389
667.035	720.309	0.355	489.810	1499.173
0.998	14.688			
3/17/2016 7:00:00 AM	154800.000	154.777	21.120	357.376
667.333	720.749	0.355	490.109	1498.502
0.998	14.692			
3/17/2016 7:15:00 AM	155700.000	154.779	21.119	357.381
667.055	720.460	0.355	489.913	1499.127
0.998	14.694			
3/17/2016 7:30:00 AM	156600.000	154.792	21.116	357.410
666.839	720.276	0.355	489.788	1499.613
0.998	14.695			
3/17/2016 7:45:00 AM	157500.000	154.798	21.119	357.423
666.600	719.966	0.355	489.577	1500.151
0.998	14.694			
3/17/2016 8:00:00 AM	158400.000	154.800	21.123	357.429
666.654	719.969	0.355	489.579	1500.027
0.998	14.696			
3/17/2016 8:15:00 AM	159300.000	154.808	21.119	357.447
666.942	720.341	0.355	489.832	1499.380
0.998	14.699			
3/17/2016 8:30:00 AM	160200.000	154.793	21.119	357.412
666.381	719.729	0.355	489.416	1500.644
0.998	14.699			
3/17/2016 8:45:00 AM	161100.000	154.807	21.124	357.444
666.498	719.779	0.355	489.450	1500.380
0.998	14.695			
3/17/2016 9:00:00 AM	162000.000	154.807	21.120	357.444
666.343	719.675	0.355	489.379	1500.729
0.998	14.697			
3/17/2016 9:15:00 AM	162900.000	154.810	21.111	357.451
665.291	718.673	0.354	488.698	1503.101
0.998	14.697			
3/17/2016 9:30:00 AM	163800.000	154.816	21.113	357.465
665.050	718.383	0.354	488.500	1503.646
0.998	14.696			
3/17/2016 9:45:00 AM	164700.000	154.832	21.114	357.503
664.489	717.767	0.354	488.082	1504.917
0.998	14.694			
3/17/2016 10:00:00 AM	165600.000	154.822	21.110	357.480
664.231	717.551	0.354	487.935	1505.500
0.998	14.698			

3/17/2016 10:15:00 AM	166500.000	154.827	21.119	357.490
664.822	718.047	0.354	488.272	1504.161
0.998	14.699			
3/17/2016 10:30:00 AM	167400.000	154.813	21.124	357.459
666.668	719.964	0.355	489.576	1499.997
0.998	14.699			
3/17/2016 10:45:00 AM	168300.000	154.816	21.127	357.464
668.488	721.894	0.356	490.888	1495.914
0.998	14.702			
3/17/2016 11:00:00 AM	169200.000	154.831	21.111	357.500
668.185	721.796	0.356	490.822	1496.592
0.998	14.689			
3/17/2016 11:15:00 AM	170100.000	154.822	21.125	357.480
667.909	721.297	0.356	490.482	1497.209
0.998	14.693			
3/17/2016 11:30:00 AM	171000.000	154.822	21.130	357.478
667.912	721.224	0.356	490.432	1497.204
0.998	14.694			
3/17/2016 11:45:00 AM	171900.000	154.831	21.120	357.500
666.921	720.295	0.355	489.801	1499.427
0.998	14.685			
3/17/2016 12:00:00 PM	172800.000	154.835	21.118	357.509
666.146	719.491	0.355	489.254	1501.173
0.998	14.688			
3/17/2016 12:15:00 PM	173700.000	154.828	21.123	357.494
665.148	718.341	0.354	488.472	1503.425
0.998	14.691			
3/17/2016 12:30:00 PM	174600.000	154.829	21.122	357.494
664.921	718.111	0.354	488.316	1503.938
0.998	14.695			
3/17/2016 12:45:00 PM	175500.000	154.819	21.121	357.472
665.330	718.567	0.354	488.626	1503.013
0.998	14.689			
3/17/2016 1:00:00 PM	176400.000	154.832	21.120	357.502
665.585	718.860	0.354	488.825	1502.438
0.998	14.693			
3/17/2016 1:15:00 PM	177300.000	154.827	21.123	357.490
665.452	718.677	0.354	488.701	1502.737
0.998	14.689			
3/17/2016 1:30:00 PM	178200.000	154.823	21.118	357.482
665.488	718.777	0.354	488.768	1502.656
0.998	14.692			
3/17/2016 1:45:00 PM	179100.000	154.823	21.124	357.481
665.659	718.874	0.354	488.834	1502.270
0.998	14.688			
3/17/2016 2:00:00 PM	180000.000	154.816	21.118	357.466
665.737	719.055	0.355	488.957	1502.094
0.998	14.689			
3/17/2016 2:15:00 PM	180900.000	154.805	21.121	357.441
665.650	718.915	0.354	488.862	1502.291
0.998	14.687			
3/17/2016 2:30:00 PM	181800.000	154.811	21.127	357.453
665.373	718.528	0.354	488.599	1502.916
0.998	14.690			
3/17/2016 2:45:00 PM	182700.000	154.833	21.124	357.505
664.359	717.476	0.354	487.884	1505.210
0.998	14.675			
3/17/2016 3:00:00 PM	183600.000	154.810	21.122	357.452

664.686	717.857	0.354	488.143	1504.470
0.998	14.684			
3/17/2016 3:15:00 PM	184500.000	154.812	21.125	357.456
664.625	717.746	0.354	488.068	1504.607
0.998	14.683			
3/17/2016 3:30:00 PM	185400.000	154.803	21.128	357.436
664.834	717.924	0.354	488.188	1504.135
0.998	14.684			
3/17/2016 3:45:00 PM	186300.000	154.794	21.122	357.416
664.604	717.775	0.354	488.087	1504.656
0.998	14.682			
3/17/2016 4:00:00 PM	187200.000	154.804	21.115	357.438
664.440	717.690	0.354	488.029	1505.027
0.998	14.684			
3/17/2016 4:15:00 PM	188100.000	154.793	21.130	357.412
664.625	717.673	0.354	488.017	1504.607
0.998	14.680			
3/17/2016 4:30:00 PM	189000.000	154.793	21.129	357.413
664.408	717.455	0.354	487.869	1505.099
0.998	14.680			
3/17/2016 4:45:00 PM	189900.000	154.793	21.131	357.412
663.754	716.718	0.353	487.368	1506.582
0.998	14.676			
3/17/2016 5:00:00 PM	190800.000	154.794	21.130	357.414
663.567	716.535	0.353	487.244	1507.007
0.998	14.678			
3/17/2016 5:15:00 PM	191700.000	154.787	21.128	357.398
663.288	716.261	0.353	487.057	1507.641
0.998	14.682			
3/17/2016 5:30:00 PM	192600.000	154.793	21.121	357.413
663.220	716.285	0.353	487.074	1507.796
0.998	14.684			
3/17/2016 5:45:00 PM	193500.000	154.795	21.128	357.417
663.548	716.539	0.353	487.246	1507.051
0.998	14.681			
3/17/2016 6:00:00 PM	194400.000	154.795	21.129	357.416
663.389	716.350	0.353	487.118	1507.412
0.998	14.678			
3/17/2016 6:15:00 PM	195300.000	154.791	21.123	357.409
663.058	716.086	0.353	486.938	1508.165
0.998	14.687			
3/17/2016 6:30:00 PM	196200.000	154.782	21.129	357.387
662.816	715.730	0.353	486.696	1508.715
0.998	14.686			
3/17/2016 6:45:00 PM	197100.000	154.797	21.129	357.422
662.714	715.626	0.353	486.626	1508.948
0.998	14.687			
3/17/2016 7:00:00 PM	198000.000	154.791	21.124	357.407
662.682	715.663	0.353	486.651	1509.020
0.998	14.694			
3/17/2016 7:15:00 PM	198900.000	154.803	21.116	357.436
662.809	715.917	0.353	486.823	1508.730
0.998	14.690			
3/17/2016 7:30:00 PM	199800.000	154.796	21.117	357.420
662.866	715.964	0.353	486.856	1508.600
0.998	14.693			
3/17/2016 7:45:00 PM	200700.000	154.792	21.130	357.411
663.370	716.322	0.353	487.099	1507.454

0.998	14.692			
3/17/2016 8:00:00 PM	201600.000	154.801	21.126	357.431
663.495	716.510	0.353	487.227	1507.170
0.998	14.703			
3/17/2016 8:15:00 PM	202500.000	154.794	21.131	357.415
663.492	716.428	0.353	487.171	1507.177
0.998	14.701			
3/17/2016 8:30:00 PM	203400.000	154.805	21.117	357.440
663.396	716.542	0.353	487.249	1507.394
0.998	14.699			
3/17/2016 8:45:00 PM	204300.000	154.796	21.120	357.418
663.486	716.593	0.353	487.283	1507.190
0.998	14.710			
3/17/2016 9:00:00 PM	205200.000	154.798	21.121	357.423
663.314	716.396	0.353	487.149	1507.583
0.998	14.704			
3/17/2016 9:15:00 PM	206100.000	154.808	21.129	357.446
663.411	716.380	0.353	487.139	1507.362
0.998	14.703			
3/17/2016 9:30:00 PM	207000.000	154.846	21.129	357.535
663.337	716.303	0.353	487.086	1507.530
0.998	14.707			
3/17/2016 9:45:00 PM	207900.000	154.797	21.121	357.422
663.425	716.510	0.353	487.227	1507.328
0.998	14.709			
3/17/2016 10:00:00 PM	208800.000	154.810	21.127	357.451
664.170	717.229	0.354	487.716	1505.638
0.998	14.712			
3/17/2016 10:15:00 PM	209700.000	154.797	21.134	357.422
664.318	717.286	0.354	487.755	1505.304
0.998	14.707			
3/17/2016 10:30:00 PM	210600.000	154.808	21.130	357.446
663.976	716.978	0.353	487.545	1506.078
0.998	14.710			
3/17/2016 10:45:00 PM	211500.000	154.813	21.128	357.460
663.888	716.912	0.353	487.500	1506.278
0.998	14.715			
3/17/2016 11:00:00 PM	212400.000	154.805	21.130	357.440
663.564	716.520	0.353	487.234	1507.013
0.998	14.713			
3/17/2016 11:15:00 PM	213300.000	154.805	21.126	357.440
663.046	716.034	0.353	486.903	1508.192
0.998	14.710			
3/17/2016 11:30:00 PM	214200.000	154.821	21.133	357.477
663.379	716.281	0.353	487.071	1507.435
0.998	14.710			
3/17/2016 11:45:00 PM	215100.000	154.812	21.131	357.456
663.357	716.283	0.353	487.072	1507.484
0.998	14.712			
3/18/2016 12:00:00 AM	216000.000	154.807	21.131	357.445
662.735	715.617	0.353	486.620	1508.900
0.998	14.714			
3/18/2016 12:15:00 AM	216900.000	154.808	21.131	357.446
662.767	715.652	0.353	486.643	1508.826
0.998	14.712			
3/18/2016 12:30:00 AM	217800.000	154.810	21.125	357.451
662.438	715.383	0.353	486.460	1509.576
0.998	14.708			

3/18/2016 12:45:00 AM	218700.000	154.820	21.130	357.475
663.089	716.018	0.353	486.892	1508.093
0.998	14.707			
3/18/2016 1:00:00 AM	219600.000	154.825	21.131	357.487
663.102	716.009	0.353	486.886	1508.063
0.998	14.705			
3/18/2016 1:15:00 AM	220500.000	154.806	21.133	357.443
663.121	716.008	0.353	486.886	1508.020
0.998	14.709			
3/18/2016 1:30:00 AM	221400.000	154.814	21.123	357.460
662.941	715.963	0.353	486.855	1508.431
0.998	14.708			
3/18/2016 1:45:00 AM	222300.000	154.811	21.128	357.453
662.912	715.859	0.353	486.784	1508.496
0.998	14.705			
3/18/2016 2:00:00 AM	223200.000	154.812	21.122	357.457
663.030	716.063	0.353	486.923	1508.228
0.998	14.709			
3/18/2016 2:15:00 AM	224100.000	154.811	21.135	357.454
663.512	716.398	0.353	487.151	1507.133
0.998	14.710			
3/18/2016 2:30:00 AM	225000.000	154.823	21.138	357.480
663.435	716.272	0.353	487.065	1507.307
0.998	14.703			
3/18/2016 2:45:00 AM	225900.000	154.806	21.131	357.442
663.043	715.952	0.353	486.847	1508.198
0.998	14.706			
3/18/2016 3:00:00 AM	226800.000	154.815	21.133	357.462
662.674	715.521	0.353	486.554	1509.037
0.998	14.705			
3/18/2016 3:15:00 AM	227700.000	154.818	21.119	357.469
662.660	715.710	0.353	486.683	1509.069
0.998	14.704			
3/18/2016 3:30:00 AM	228600.000	154.807	21.128	357.445
662.757	715.690	0.353	486.669	1508.850
0.998	14.705			
3/18/2016 3:45:00 AM	229500.000	154.815	21.124	357.463
663.391	716.435	0.353	487.176	1507.407
0.998	14.703			
3/18/2016 4:00:00 AM	230400.000	154.820	21.137	357.474
663.483	716.332	0.353	487.106	1507.197
0.998	14.697			
3/18/2016 4:15:00 AM	231300.000	154.812	21.131	357.456
663.097	716.014	0.353	486.889	1508.074
0.998	14.702			
3/18/2016 4:30:00 AM	232200.000	154.821	21.126	357.477
662.981	715.959	0.353	486.852	1508.340
0.998	14.696			
3/18/2016 4:45:00 AM	233100.000	154.814	21.119	357.461
662.657	715.711	0.353	486.683	1509.077
0.998	14.704			
3/18/2016 5:00:00 AM	234000.000	154.829	21.118	357.495
662.498	715.553	0.353	486.576	1509.438
0.998	14.694			
3/18/2016 5:15:00 AM	234900.000	154.817	21.119	357.468
662.440	715.478	0.353	486.525	1509.571
0.998	14.713			
3/18/2016 5:30:00 AM	235800.000	154.812	21.115	357.457

663.632	716.821	0.353	487.438	1506.859
0.998	14.700			
3/18/2016 5:45:00 AM	236700.000	154.816	21.125	357.465
664.536	717.654	0.354	488.005	1504.808
0.998	14.706			
3/18/2016 6:00:00 AM	237600.000	154.825	21.129	357.487
664.317	717.359	0.354	487.804	1505.306
0.998	14.709			
3/18/2016 6:15:00 AM	238500.000	154.830	21.133	357.498
664.109	717.067	0.354	487.606	1505.777
0.998	14.712			
3/18/2016 6:30:00 AM	239400.000	154.824	21.128	357.483
663.803	716.820	0.353	487.438	1506.470
0.998	14.714			
3/18/2016 6:45:00 AM	240300.000	154.823	21.129	357.482
663.524	716.492	0.353	487.215	1507.105
0.998	14.714			
3/18/2016 7:00:00 AM	241200.000	154.829	21.129	357.496
663.589	716.563	0.353	487.263	1506.956
0.998	14.715			
3/18/2016 7:15:00 AM	242100.000	154.830	21.127	357.498
663.853	716.882	0.353	487.480	1506.357
0.998	14.717			
3/18/2016 7:30:00 AM	243000.000	154.816	21.119	357.466
663.371	716.477	0.353	487.204	1507.453
0.998	14.725			
3/18/2016 7:45:00 AM	243900.000	154.837	21.115	357.514
663.531	716.711	0.353	487.363	1507.089
0.998	14.719			
3/18/2016 8:00:00 AM	244800.000	154.831	21.126	357.500
663.801	716.841	0.353	487.452	1506.476
0.998	14.720			
3/18/2016 8:15:00 AM	245700.000	154.840	21.132	357.521
664.066	717.043	0.354	487.589	1505.875
0.998	14.720			
3/18/2016 8:30:00 AM	246600.000	154.849	21.125	357.541
663.955	717.018	0.353	487.572	1506.125
0.998	14.721			
3/18/2016 8:45:00 AM	247500.000	154.833	21.121	357.504
663.895	717.015	0.353	487.570	1506.263
0.998	14.733			
3/18/2016 9:00:00 AM	248400.000	154.838	21.132	357.516
663.939	716.898	0.353	487.491	1506.163
0.998	14.730			
3/18/2016 9:15:00 AM	249300.000	154.826	21.128	357.490
663.947	716.965	0.353	487.536	1506.143
0.998	14.734			
3/18/2016 9:30:00 AM	250200.000	154.834	21.135	357.507
663.532	716.414	0.353	487.162	1507.087
0.998	14.732			
3/18/2016 9:45:00 AM	251100.000	154.831	21.134	357.500
663.424	716.320	0.353	487.098	1507.331
0.998	14.733			
3/18/2016 10:00:00 AM	252000.000	154.831	21.125	357.499
662.711	715.687	0.353	486.667	1508.953
0.998	14.735			
3/18/2016 10:15:00 AM	252900.000	154.806	21.110	357.442
662.582	715.759	0.353	486.716	1509.248



0.998	14.744				
3/18/2016 10:30:00 AM	253800.000	154.807	21.113	357.444	
662.805	715.961	0.353	486.853	1508.739	
0.998	14.739				
3/18/2016 10:45:00 AM	254700.000	154.789	21.119	357.403	
663.229	716.324	0.353	487.101	1507.774	
0.998	14.746				
3/18/2016 11:00:00 AM	255600.000	154.772	21.127	357.363	
663.859	716.894	0.353	487.488	1506.345	
0.998	14.740				
3/18/2016 11:15:00 AM	256500.000	154.766	21.124	357.351	
663.809	716.878	0.353	487.477	1506.458	
0.998	14.739				
3/18/2016 11:30:00 AM	257400.000	154.744	21.116	357.299	
663.922	717.117	0.354	487.639	1506.200	
0.998	14.745				
3/18/2016 11:45:00 AM	258300.000	154.721	21.125	357.245	
665.501	718.692	0.354	488.710	1502.628	
0.998	14.748				
3/18/2016 12:00:00 PM	259200.000	154.708	21.126	357.216	
665.053	718.195	0.354	488.373	1503.640	
0.998	14.751				
3/18/2016 12:15:00 PM	260100.000	154.703	21.121	357.205	
664.769	717.969	0.354	488.219	1504.282	
0.998	14.749				
3/18/2016 12:30:00 PM	261000.000	154.694	21.131	357.184	
665.217	718.300	0.354	488.444	1503.268	
0.998	14.748				
3/18/2016 12:45:00 PM	261900.000	154.681	21.124	357.154	
665.171	718.356	0.354	488.482	1503.372	
0.998	14.753				
3/18/2016 1:00:00 PM	262800.000	154.671	21.115	357.132	
664.872	718.155	0.354	488.345	1504.050	
0.998	14.749				
3/18/2016 1:15:00 PM	263700.000	154.662	21.123	357.109	
665.127	718.320	0.354	488.457	1503.471	
0.998	14.742				
3/18/2016 1:30:00 PM	264600.000	154.644	21.128	357.068	
665.275	718.408	0.354	488.518	1503.137	
0.998	14.746				
3/18/2016 1:45:00 PM	265500.000	154.623	21.126	357.021	
665.239	718.390	0.354	488.505	1503.219	
0.998	14.745				
3/18/2016 2:00:00 PM	266400.000	154.624	21.127	357.023	
665.225	718.364	0.354	488.488	1503.252	
0.998	14.734				
3/18/2016 2:15:00 PM	267300.000	154.601	21.118	356.969	
665.229	718.510	0.354	488.587	1503.241	
0.998	14.739				
3/18/2016 2:30:00 PM	268200.000	154.594	21.126	356.954	
665.350	718.521	0.354	488.595	1502.968	
0.998	14.737				
3/18/2016 2:45:00 PM	269100.000	154.584	21.126	356.930	
665.545	718.721	0.354	488.731	1502.528	
0.998	14.735				
3/18/2016 3:00:00 PM	270000.000	154.574	21.115	356.907	
665.025	718.328	0.354	488.463	1503.702	
0.998	14.731				

3/18/2016 3:15:00 PM	270900.000	154.576	21.109	356.910
665.691	719.131	0.355	489.009	1502.198
0.998	14.726			
3/18/2016 3:30:00 PM	271800.000	154.561	21.118	356.877
665.670	718.981	0.354	488.907	1502.245
0.998	14.726			
3/18/2016 3:45:00 PM	272700.000	154.547	21.120	356.845
665.898	719.190	0.355	489.049	1501.731
0.998	14.725			
3/18/2016 4:00:00 PM	273600.000	154.536	21.127	356.818
666.001	719.207	0.355	489.060	1501.499
0.998	14.722			
3/18/2016 4:15:00 PM	274500.000	154.481	21.132	356.691
666.382	719.544	0.355	489.290	1500.641
0.998	14.726			
3/18/2016 4:30:00 PM	275400.000	154.504	21.121	356.744
666.055	719.345	0.355	489.155	1501.378
0.998	14.731			
3/18/2016 4:45:00 PM	276300.000	154.508	21.112	356.753
665.949	719.375	0.355	489.175	1501.616
0.998	14.720			
3/18/2016 5:00:00 PM	277200.000	154.480	21.113	356.689
665.998	719.404	0.355	489.195	1501.507
0.998	14.728			
3/18/2016 5:15:00 PM	278100.000	154.476	21.117	356.681
666.196	719.561	0.355	489.302	1501.059
0.998	14.722			
3/18/2016 5:30:00 PM	279000.000	154.457	21.121	356.636
666.103	719.401	0.355	489.192	1501.269
0.998	14.732			
3/18/2016 5:45:00 PM	279900.000	154.457	21.121	356.636
666.299	719.612	0.355	489.336	1500.829
0.998	14.723			
3/18/2016 6:00:00 PM	280800.000	154.454	21.122	356.630
666.311	719.612	0.355	489.336	1500.801
0.998	14.725			
3/18/2016 6:15:00 PM	281700.000	154.441	21.125	356.601
666.435	719.697	0.355	489.394	1500.521
0.998	14.729			
3/18/2016 6:30:00 PM	282600.000	154.422	21.132	356.554
666.739	719.925	0.355	489.549	1499.838
0.998	14.733			
3/18/2016 6:45:00 PM	283500.000	154.410	21.123	356.528
666.526	719.830	0.355	489.484	1500.318
0.998	14.732			
3/18/2016 7:00:00 PM	284400.000	154.398	21.128	356.501
666.375	719.589	0.355	489.321	1500.657
0.998	14.729			
3/18/2016 7:15:00 PM	285300.000	154.389	21.120	356.480
666.511	719.853	0.355	489.500	1500.351
0.998	14.730			
3/18/2016 7:30:00 PM	286200.000	154.334	21.124	356.351
666.302	719.572	0.355	489.309	1500.820
0.998	14.735			
3/18/2016 7:45:00 PM	287100.000	154.349	21.126	356.387
666.612	719.884	0.355	489.521	1500.123
0.998	14.738			
3/18/2016 8:00:00 PM	288000.000	154.341	21.132	356.368

667.034	720.243	0.355	489.765	1499.173
0.998	14.733			
3/18/2016 8:15:00 PM	288900.000	154.319	21.130	356.317
667.019	720.261	0.355	489.778	1499.208
0.998	14.740			
3/18/2016 8:30:00 PM	289800.000	154.317	21.121	356.312
666.760	720.113	0.355	489.677	1499.789
0.998	14.736			
3/18/2016 8:45:00 PM	290700.000	154.304	21.127	356.283
666.844	720.116	0.355	489.679	1499.600
0.998	14.735			
3/18/2016 9:00:00 PM	291600.000	154.289	21.114	356.249
666.811	720.272	0.355	489.785	1499.675
0.998	14.743			
3/18/2016 9:15:00 PM	292500.000	154.265	21.105	356.194
667.627	721.284	0.356	490.473	1497.842
0.998	14.741			
3/18/2016 9:30:00 PM	293400.000	154.260	21.125	356.181
669.987	723.538	0.357	492.006	1492.567
0.998	14.741			
3/18/2016 9:45:00 PM	294300.000	154.242	21.128	356.139
669.363	722.822	0.356	491.519	1493.958
0.998	14.743			
3/18/2016 10:00:00 PM	295200.000	154.216	21.117	356.080
668.340	721.878	0.356	490.877	1496.245
0.998	14.745			
3/18/2016 10:15:00 PM	296100.000	154.196	21.123	356.034
668.802	722.283	0.356	491.153	1495.210
0.998	14.747			
3/18/2016 10:30:00 PM	297000.000	154.180	21.106	355.996
668.424	722.132	0.356	491.050	1496.055
0.998	14.749			
3/18/2016 10:45:00 PM	297900.000	154.175	21.110	355.986
668.544	722.208	0.356	491.101	1495.788
0.998	14.743			
3/18/2016 11:00:00 PM	298800.000	154.166	21.107	355.965
668.501	722.203	0.356	491.098	1495.885
0.998	14.746			
3/18/2016 11:15:00 PM	299700.000	154.146	21.118	355.919
668.888	722.460	0.356	491.273	1495.018
0.998	14.741			
3/18/2016 11:30:00 PM	300600.000	154.134	21.121	355.891
669.741	723.338	0.357	491.870	1493.114
0.998	14.742			
3/18/2016 11:45:00 PM	301500.000	154.121	21.113	355.862
669.828	723.547	0.357	492.012	1492.920
0.998	14.743			
3/19/2016 12:00:00 AM	302400.000	154.106	21.121	355.826
669.676	723.255	0.357	491.814	1493.260
0.998	14.741			
3/19/2016 12:15:00 AM	303300.000	154.095	21.112	355.801
670.495	724.280	0.357	492.511	1491.435
0.998	14.743			
3/19/2016 12:30:00 AM	304200.000	154.072	21.117	355.748
670.560	724.277	0.357	492.508	1491.291
0.998	14.747			
3/19/2016 12:45:00 AM	305100.000	154.081	21.118	355.769
670.346	724.025	0.357	492.337	1491.766

0.998	14.748				
3/19/2016 1:00:00 AM	306000.000	154.074	21.113	355.752	
670.096	723.832	0.357	492.206	1492.324	
0.998	14.746				
3/19/2016 1:15:00 AM	306900.000	154.067	21.117	355.736	
670.222	723.908	0.357	492.258	1492.043	
0.998	14.748				
3/19/2016 1:30:00 AM	307800.000	154.078	21.108	355.762	
670.301	724.125	0.357	492.405	1491.868	
0.998	14.749				
3/19/2016 1:45:00 AM	308700.000	154.085	21.121	355.779	
670.583	724.244	0.357	492.486	1491.239	
0.998	14.748				
3/19/2016 2:00:00 AM	309600.000	154.088	21.124	355.784	
670.735	724.367	0.357	492.570	1490.901	
0.998	14.744				
3/19/2016 2:15:00 AM	310500.000	154.090	21.121	355.788	
670.435	724.089	0.357	492.380	1491.568	
0.998	14.746				
3/19/2016 2:30:00 AM	311400.000	154.090	21.117	355.788	
670.239	723.929	0.357	492.272	1492.005	
0.998	14.749				
3/19/2016 2:45:00 AM	312300.000	154.105	21.124	355.824	
670.257	723.844	0.357	492.214	1491.965	
0.998	14.741				
3/19/2016 3:00:00 AM	313200.000	154.100	21.129	355.813	
669.977	723.463	0.357	491.955	1492.590	
0.998	14.742				
3/19/2016 3:15:00 AM	314100.000	154.113	21.126	355.842	
669.762	723.287	0.357	491.835	1493.067	
0.998	14.748				
3/19/2016 3:30:00 AM	315000.000	154.117	21.129	355.850	
669.027	722.447	0.356	491.264	1494.709	
0.998	14.745				
3/19/2016 3:45:00 AM	315900.000	154.125	21.125	355.870	
668.556	721.997	0.356	490.958	1495.760	
0.998	14.749				
3/19/2016 4:00:00 AM	316800.000	154.129	21.121	355.880	
668.287	721.768	0.356	490.802	1496.363	
0.998	14.742				
3/19/2016 4:15:00 AM	317700.000	154.143	21.129	355.911	
668.074	721.407	0.356	490.557	1496.840	
0.998	14.746				
3/19/2016 4:30:00 AM	318600.000	154.140	21.129	355.906	
667.839	721.161	0.356	490.389	1497.368	
0.998	14.750				
3/19/2016 4:45:00 AM	319500.000	154.166	21.128	355.963	
667.798	721.134	0.356	490.371	1497.458	
0.998	14.743				
3/19/2016 5:00:00 AM	320400.000	154.170	21.126	355.973	
668.013	721.384	0.356	490.541	1496.977	
0.998	14.745				
3/19/2016 5:15:00 AM	321300.000	154.173	21.125	355.980	
667.933	721.323	0.356	490.500	1497.155	
0.998	14.747				
3/19/2016 5:30:00 AM	322200.000	154.181	21.109	355.998	
667.553	721.143	0.356	490.377	1498.008	
0.998	14.749				

3/19/2016 5:45:00 AM	323100.000	154.194	21.112	356.030
667.566	721.113	0.356	490.357	1497.978
0.998	14.745			
3/19/2016 6:00:00 AM	324000.000	154.198	21.124	356.038
667.752	721.139	0.356	490.375	1497.562
0.998	14.748			
3/19/2016 6:15:00 AM	324900.000	154.201	21.122	356.044
668.121	721.567	0.356	490.665	1496.736
0.998	14.757			
3/19/2016 6:30:00 AM	325800.000	154.221	21.125	356.092
668.069	721.473	0.356	490.601	1496.852
0.998	14.755			
3/19/2016 6:45:00 AM	326700.000	154.229	21.128	356.109
668.248	721.616	0.356	490.699	1496.449
0.998	14.752			
3/19/2016 7:00:00 AM	327600.000	154.234	21.124	356.120
667.527	720.903	0.355	490.214	1498.066
0.998	14.749			
3/19/2016 7:15:00 AM	328500.000	154.243	21.131	356.142
666.618	719.805	0.355	489.467	1500.110
0.998	14.755			
3/19/2016 7:30:00 AM	329400.000	154.245	21.132	356.146
666.404	719.565	0.355	489.304	1500.591
0.998	14.754			
3/19/2016 7:45:00 AM	330300.000	154.255	21.137	356.171
666.000	719.050	0.355	488.954	1501.501
0.998	14.764			
3/19/2016 8:00:00 AM	331200.000	154.260	21.127	356.181
665.579	718.744	0.354	488.746	1502.451
0.998	14.764			
3/19/2016 8:15:00 AM	332100.000	154.267	21.121	356.197
664.548	717.727	0.354	488.054	1504.782
0.998	14.760			
3/19/2016 8:30:00 AM	333000.000	154.266	21.128	356.197
664.836	717.925	0.354	488.189	1504.129
0.998	14.762			
3/19/2016 8:45:00 AM	333900.000	154.270	21.128	356.204
665.033	718.149	0.354	488.341	1503.686
0.998	14.762			
3/19/2016 9:00:00 AM	334800.000	154.261	21.128	356.184
665.140	718.258	0.354	488.416	1503.443
0.998	14.768			
3/19/2016 9:15:00 AM	335700.000	154.264	21.117	356.190
664.828	718.091	0.354	488.302	1504.149
0.998	14.763			
3/19/2016 9:30:00 AM	336600.000	154.253	21.123	356.166
665.089	718.280	0.354	488.430	1503.558
0.998	14.767			
3/19/2016 9:45:00 AM	337500.000	154.245	21.128	356.146
665.227	718.351	0.354	488.478	1503.247
0.998	14.764			
3/19/2016 10:00:00 AM	338400.000	154.221	21.127	356.092
665.368	718.526	0.354	488.598	1502.929
0.998	14.765			
3/19/2016 10:15:00 AM	339300.000	154.214	21.123	356.076
665.191	718.395	0.354	488.509	1503.327
0.998	14.768			
3/19/2016 10:30:00 AM	340200.000	154.201	21.133	356.044

665.078	718.115	0.354	488.318	1503.583
0.998	14.773			
3/19/2016 10:45:00 AM	341100.000	154.196	21.129	356.034
665.698	718.849	0.354	488.817	1502.183
0.998	14.766			
3/19/2016 11:00:00 AM	342000.000	154.182	21.125	356.001
665.444	718.632	0.354	488.670	1502.756
0.998	14.768			
3/19/2016 11:15:00 AM	342900.000	154.180	21.129	355.998
665.136	718.242	0.354	488.405	1503.452
0.998	14.765			
3/19/2016 11:30:00 AM	343800.000	154.156	21.114	355.941
664.738	718.035	0.354	488.264	1504.352
0.998	14.766			
3/19/2016 11:45:00 AM	344700.000	154.147	21.120	355.922
665.597	718.868	0.354	488.830	1502.411
0.998	14.767			
3/19/2016 12:00:00 PM	345600.000	154.129	21.115	355.879
665.356	718.684	0.354	488.705	1502.956
0.998	14.767			
3/19/2016 12:15:00 PM	346500.000	154.112	21.109	355.839
664.658	718.016	0.354	488.251	1504.534
0.998	14.765			
3/19/2016 12:30:00 PM	347400.000	154.097	21.118	355.806
665.009	718.268	0.354	488.422	1503.739
0.998	14.764			
3/19/2016 12:45:00 PM	348300.000	154.093	21.125	355.796
665.431	718.620	0.354	488.661	1502.785
0.998	14.760			
3/19/2016 1:00:00 PM	349200.000	154.067	21.128	355.735
665.383	718.517	0.354	488.592	1502.893
0.998	14.767			
3/19/2016 1:15:00 PM	350100.000	154.055	21.113	355.708
664.644	717.945	0.354	488.203	1504.565
0.998	14.766			
3/19/2016 1:30:00 PM	351000.000	154.036	21.129	355.664
665.073	718.178	0.354	488.361	1503.594
0.998	14.769			
3/19/2016 1:45:00 PM	351900.000	154.030	21.128	355.650
665.265	718.392	0.354	488.507	1503.161
0.998	14.766			
3/19/2016 2:00:00 PM	352800.000	154.009	21.124	355.603
665.027	718.198	0.354	488.374	1503.697
0.998	14.764			
3/19/2016 2:15:00 PM	353700.000	153.993	21.116	355.566
664.885	718.160	0.354	488.349	1504.020
0.998	14.767			
3/19/2016 2:30:00 PM	354600.000	153.979	21.126	355.533
665.009	718.149	0.354	488.341	1503.740
0.998	14.762			
3/19/2016 2:45:00 PM	355500.000	153.971	21.118	355.514
664.832	718.073	0.354	488.290	1504.140
0.998	14.759			
3/19/2016 3:00:00 PM	356400.000	153.948	21.122	355.462
665.099	718.300	0.354	488.444	1503.536
0.998	14.763			
3/19/2016 3:15:00 PM	357300.000	153.943	21.117	355.450
665.115	718.398	0.354	488.511	1503.499

0.998	14.754			
3/19/2016 3:30:00 PM	358200.000	153.939	21.110	355.441
665.272	718.670	0.354	488.695	1503.144
0.998	14.751			
3/19/2016 3:45:00 PM	359100.000	153.925	21.111	355.409
665.453	718.848	0.354	488.817	1502.735
0.998	14.750			
3/19/2016 4:00:00 PM	360000.000	153.907	21.111	355.367
666.260	719.717	0.355	489.408	1500.916
0.998	14.757			
3/19/2016 4:15:00 PM	360900.000	153.910	21.104	355.372
666.277	719.849	0.355	489.498	1500.878
0.998	14.752			
3/19/2016 4:30:00 PM	361800.000	153.905	21.116	355.361
667.336	720.807	0.355	490.149	1498.496
0.998	14.751			
3/19/2016 4:45:00 PM	362700.000	153.909	21.124	355.370
668.788	722.255	0.356	491.133	1495.242
0.998	14.744			
3/19/2016 5:00:00 PM	363600.000	153.896	21.122	355.341
668.649	722.138	0.356	491.054	1495.554
0.998	14.748			
3/19/2016 5:15:00 PM	364500.000	153.894	21.115	355.336
668.237	721.798	0.356	490.823	1496.475
0.998	14.746			
3/19/2016 5:30:00 PM	365400.000	153.911	21.126	355.376
668.170	721.563	0.356	490.663	1496.626
0.998	14.750			
3/19/2016 5:45:00 PM	366300.000	153.908	21.124	355.368
667.716	721.095	0.356	490.344	1497.643
0.998	14.748			
3/19/2016 6:00:00 PM	367200.000	153.906	21.116	355.364
666.547	719.959	0.355	489.572	1500.269
0.998	14.743			
3/19/2016 6:15:00 PM	368100.000	153.912	21.121	355.379
666.629	719.970	0.355	489.579	1500.086
0.998	14.745			
3/19/2016 6:30:00 PM	369000.000	153.917	21.124	355.389
666.850	720.161	0.355	489.709	1499.587
0.998	14.745			
3/19/2016 6:45:00 PM	369900.000	153.902	21.121	355.354
666.883	720.251	0.355	489.770	1499.514
0.998	14.747			
3/19/2016 7:00:00 PM	370800.000	153.891	21.124	355.330
666.591	719.884	0.355	489.521	1500.170
0.998	14.745			
3/19/2016 7:15:00 PM	371700.000	153.911	21.126	355.375
666.200	719.428	0.355	489.211	1501.052
0.998	14.743			
3/19/2016 7:30:00 PM	372600.000	153.904	21.124	355.358
666.144	719.397	0.355	489.190	1501.176
0.998	14.741			
3/19/2016 7:45:00 PM	373500.000	153.903	21.117	355.358
665.897	719.247	0.355	489.088	1501.734
0.998	14.743			
3/19/2016 8:00:00 PM	374400.000	153.893	21.124	355.334
666.109	719.369	0.355	489.171	1501.257
0.998	14.750			

3/19/2016 8:15:00 PM	375300.000	153.894	21.116	355.336
666.138	719.516	0.355	489.271	1501.192
0.998	14.751			
3/19/2016 8:30:00 PM	376200.000	153.898	21.113	355.345
666.607	720.065	0.355	489.644	1500.134
0.998	14.746			
3/19/2016 8:45:00 PM	377100.000	153.892	21.112	355.332
666.358	719.810	0.355	489.471	1500.694
0.998	14.753			
3/19/2016 9:00:00 PM	378000.000	153.893	21.130	355.335
668.568	721.932	0.356	490.914	1495.735
0.998	14.752			
3/19/2016 9:15:00 PM	378900.000	153.891	21.123	355.329
668.622	722.089	0.356	491.020	1495.614
0.998	14.758			
3/19/2016 9:30:00 PM	379800.000	153.889	21.119	355.325
667.176	720.592	0.355	490.003	1498.855
0.998	14.759			
3/19/2016 9:45:00 PM	380700.000	153.889	21.113	355.326
665.568	718.939	0.354	488.878	1502.475
0.998	14.761			
3/19/2016 10:00:00 PM	381600.000	153.890	21.106	355.326
665.573	719.048	0.355	488.953	1502.466
0.998	14.759			
3/19/2016 10:15:00 PM	382500.000	153.881	21.107	355.307
665.732	719.211	0.355	489.063	1502.105
0.998	14.759			
3/19/2016 10:30:00 PM	383400.000	153.887	21.109	355.321
666.782	720.308	0.355	489.809	1499.741
0.998	14.759			
3/19/2016 10:45:00 PM	384300.000	153.885	21.118	355.317
666.912	720.326	0.355	489.822	1499.448
0.998	14.754			
3/19/2016 11:00:00 PM	385200.000	153.873	21.118	355.288
667.816	721.295	0.356	490.480	1497.419
0.998	14.766			
3/19/2016 11:15:00 PM	386100.000	153.873	21.119	355.289
668.975	722.534	0.356	491.323	1494.824
0.998	14.764			
3/19/2016 11:30:00 PM	387000.000	153.875	21.112	355.293
668.050	721.646	0.356	490.719	1496.895
0.998	14.764			
3/19/2016 11:45:00 PM	387900.000	153.878	21.120	355.299
668.968	722.510	0.356	491.307	1494.840
0.998	14.767			
3/20/2016 12:00:00 AM	388800.000	153.876	21.122	355.295
668.619	722.101	0.356	491.029	1495.620
0.998	14.765			
3/20/2016 12:15:00 AM	389700.000	153.878	21.123	355.299
666.867	720.191	0.355	489.730	1499.549
0.998	14.763			
3/20/2016 12:30:00 AM	390600.000	153.869	21.110	355.279
666.339	719.820	0.355	489.477	1500.737
0.998	14.768			
3/20/2016 12:45:00 AM	391500.000	153.885	21.123	355.316
666.330	719.624	0.355	489.344	1500.758
0.998	14.764			
3/20/2016 1:00:00 AM	392400.000	153.879	21.127	355.302



665.113	718.239	0.354	488.402	1503.503
0.998	14.768			
3/20/2016 1:15:00 AM	393300.000	153.885	21.126	355.316
664.171	717.244	0.354	487.726	1505.637
0.998	14.765			
3/20/2016 1:30:00 AM	394200.000	153.906	21.119	355.363
664.372	717.557	0.354	487.939	1505.181
0.998	14.764			
3/20/2016 1:45:00 AM	395100.000	153.907	21.107	355.366
663.849	717.177	0.354	487.681	1506.367
0.998	14.765			
3/20/2016 2:00:00 AM	396000.000	153.904	21.117	355.360
664.160	717.371	0.354	487.812	1505.661
0.998	14.770			
3/20/2016 2:15:00 AM	396900.000	153.917	21.123	355.389
664.494	717.640	0.354	487.995	1504.904
0.998	14.767			
3/20/2016 2:30:00 AM	397800.000	153.915	21.129	355.385
664.850	717.925	0.354	488.189	1504.100
0.998	14.770			
3/20/2016 2:45:00 AM	398700.000	153.914	21.114	355.383
664.675	717.962	0.354	488.214	1504.495
0.998	14.775			
3/20/2016 3:00:00 AM	399600.000	153.920	21.126	355.396
664.708	717.822	0.354	488.119	1504.419
0.998	14.767			
3/20/2016 3:15:00 AM	400500.000	153.951	21.134	355.469
664.538	717.514	0.354	487.909	1504.805
0.998	14.773			
3/20/2016 3:30:00 AM	401400.000	153.930	21.131	355.420
664.476	717.502	0.354	487.902	1504.946
0.998	14.765			
3/20/2016 3:45:00 AM	402300.000	153.936	21.121	355.434
663.983	717.119	0.354	487.641	1506.062
0.998	14.763			
3/20/2016 4:00:00 AM	403200.000	153.949	21.129	355.463
663.913	716.918	0.353	487.504	1506.221
0.998	14.758			
3/20/2016 4:15:00 AM	404100.000	153.951	21.127	355.469
663.136	716.107	0.353	486.953	1507.987
0.998	14.762			
3/20/2016 4:30:00 AM	405000.000	153.950	21.124	355.467
663.177	716.204	0.353	487.019	1507.893
0.998	14.763			
3/20/2016 4:45:00 AM	405900.000	153.950	21.122	355.465
662.857	715.889	0.353	486.804	1508.620
0.998	14.766			
3/20/2016 5:00:00 AM	406800.000	153.962	21.130	355.493
662.008	714.849	0.352	486.097	1510.555
0.998	14.758			
3/20/2016 5:15:00 AM	407700.000	153.979	21.126	355.532
661.765	714.639	0.352	485.955	1511.110
0.998	14.758			
3/20/2016 5:30:00 AM	408600.000	153.978	21.119	355.530
661.570	714.534	0.352	485.883	1511.555
0.998	14.762			
3/20/2016 5:45:00 AM	409500.000	153.973	21.122	355.520
661.315	714.217	0.352	485.668	1512.138

0.998	14.767			
3/20/2016 6:00:00 AM	410400.000	153.988	21.127	355.553
661.609	714.465	0.352	485.836	1511.466
0.998	14.765			
3/20/2016 6:15:00 AM	411300.000	153.995	21.127	355.569
661.591	714.445	0.352	485.823	1511.507
0.998	14.762			
3/20/2016 6:30:00 AM	412200.000	154.006	21.124	355.595
661.226	714.091	0.352	485.582	1512.343
0.998	14.759			
3/20/2016 6:45:00 AM	413100.000	154.007	21.125	355.598
661.002	713.835	0.352	485.408	1512.854
0.998	14.766			
3/20/2016 7:00:00 AM	414000.000	154.018	21.128	355.622
661.170	713.978	0.352	485.505	1512.470
0.998	14.767			
3/20/2016 7:15:00 AM	414900.000	154.028	21.119	355.646
661.010	713.930	0.352	485.473	1512.838
0.998	14.766			
3/20/2016 7:30:00 AM	415800.000	154.032	21.132	355.654
661.403	714.161	0.352	485.630	1511.937
0.998	14.761			
3/20/2016 7:45:00 AM	416700.000	154.031	21.125	355.653
660.518	713.315	0.352	485.054	1513.964
0.998	14.762			
3/20/2016 8:00:00 AM	417600.000	154.042	21.116	355.679
660.308	713.219	0.352	484.989	1514.446
0.998	14.771			
3/20/2016 8:15:00 AM	418500.000	154.034	21.120	355.659
660.191	713.032	0.351	484.861	1514.712
0.998	14.769			
3/20/2016 8:30:00 AM	419400.000	154.036	21.126	355.665
661.031	713.855	0.352	485.421	1512.788
0.998	14.769			
3/20/2016 8:45:00 AM	420300.000	154.042	21.126	355.679
660.294	713.051	0.351	484.875	1514.476
0.998	14.770			
3/20/2016 9:00:00 AM	421200.000	154.047	21.126	355.690
661.709	714.582	0.352	485.915	1511.238
0.998	14.772			
3/20/2016 9:15:00 AM	422100.000	154.054	21.118	355.706
660.881	713.809	0.352	485.390	1513.131
0.998	14.772			
3/20/2016 9:30:00 AM	423000.000	154.069	21.134	355.740
660.877	713.568	0.352	485.227	1513.141
0.998	14.767			
3/20/2016 9:45:00 AM	423900.000	154.082	21.125	355.771
660.690	713.495	0.352	485.177	1513.570
0.998	14.771			
3/20/2016 10:00:00 AM	424800.000	154.084	21.119	355.775
658.821	711.574	0.351	483.870	1517.864
0.998	14.773			
3/20/2016 10:15:00 AM	425700.000	154.094	21.127	355.799
659.355	712.020	0.351	484.174	1516.634
0.998	14.767			
3/20/2016 10:30:00 AM	426600.000	154.079	21.123	355.765
659.369	712.105	0.351	484.232	1516.600
0.998	14.773			

3/20/2016 10:45:00 AM	427500.000		154.088		21.132		355.785
659.799	712.432	0.351		484.454			1515.613
0.998	14.774						
3/20/2016 11:00:00 AM	428400.000		154.092		21.125		355.794
659.544	712.261	0.351		484.338			1516.200
0.998	14.770						
3/20/2016 11:15:00 AM	429300.000		154.057		21.127		355.713
659.155	711.814	0.351		484.034			1517.095
0.998	14.767						
3/20/2016 11:30:00 AM	430200.000		154.097		21.125		355.804
659.371	712.074	0.351		484.210			1516.597
0.998	14.773						
3/20/2016 11:45:00 AM	431100.000		154.105		21.126		355.823
659.554	712.252	0.351		484.331			1516.177
0.998	14.770						
3/20/2016 12:00:00 PM	432000.000		154.101		21.124		355.813
659.676	712.414	0.351		484.441			1515.895
0.998	14.769						
3/20/2016 12:15:00 PM	432900.000		154.107		21.130		355.829
659.647	712.291	0.351		484.358			1515.962
0.998	14.775						
3/20/2016 12:30:00 PM	433800.000		154.102		21.133		355.817
659.471	712.060	0.351		484.201			1516.366
0.998	14.774						
3/20/2016 12:45:00 PM	434700.000		154.109		21.127		355.833
659.262	711.933	0.351		484.115			1516.847
0.998	14.778						
3/20/2016 1:00:00 PM	435600.000		154.098		21.120		355.807
658.835	711.564	0.351		483.864			1517.831
0.998	14.781						
3/20/2016 1:15:00 PM	436500.000		154.093		21.128		355.797
658.835	711.456	0.351		483.790			1517.831
0.998	14.773						
3/20/2016 1:30:00 PM	437400.000		154.080		21.131		355.767
658.263	710.783	0.350		483.333			1519.150
0.998	14.773						
3/20/2016 1:45:00 PM	438300.000		154.077		21.124		355.758
657.460	710.031	0.350		482.821			1521.004
0.998	14.771						
3/20/2016 2:00:00 PM	439200.000		154.061		21.131		355.722
657.414	709.870	0.350		482.712			1521.113
0.998	14.771						
3/20/2016 2:15:00 PM	440100.000		154.057		21.127		355.712
657.247	709.754	0.350		482.632			1521.499
0.998	14.764						
3/20/2016 2:30:00 PM	441000.000		154.042		21.114		355.679
656.652	709.305	0.350		482.328			1522.876
0.998	14.771						
3/20/2016 2:45:00 PM	441900.000		154.034		21.122		355.661
657.323	709.905	0.350		482.736			1521.322
0.998	14.766						
3/20/2016 3:00:00 PM	442800.000		154.027		21.122		355.643
658.121	710.762	0.350		483.318			1519.477
0.998	14.766						
3/20/2016 3:15:00 PM	443700.000		154.032		21.117		355.655
658.238	710.970	0.350		483.460			1519.208
0.998	14.763						
3/20/2016 3:30:00 PM	444600.000		154.014		21.124		355.614

658.333	710.972	0.350	483.461	1518.987
0.998	14.764			
3/20/2016 3:45:00 PM	445500.000	154.006	21.116	355.594
658.397	711.153	0.350	483.584	1518.839
0.998	14.771			
3/20/2016 4:00:00 PM	446400.000	154.013	21.108	355.612
658.668	711.561	0.351	483.862	1518.215
0.998	14.760			
3/20/2016 4:15:00 PM	447300.000	154.016	21.107	355.617
659.101	712.041	0.351	484.188	1517.219
0.998	14.764			
3/20/2016 4:30:00 PM	448200.000	154.013	21.117	355.612
659.510	712.343	0.351	484.393	1516.277
0.998	14.760			
3/20/2016 4:45:00 PM	449100.000	154.006	21.124	355.595
660.014	712.779	0.351	484.690	1515.120
0.998	14.770			
3/20/2016 5:00:00 PM	450000.000	154.011	21.124	355.607
660.898	713.737	0.352	485.341	1513.092
0.998	14.767			
3/20/2016 5:15:00 PM	450900.000	154.008	21.129	355.600
660.564	713.306	0.352	485.048	1513.857
0.998	14.768			
3/20/2016 5:30:00 PM	451800.000	154.022	21.130	355.631
659.895	712.558	0.351	484.540	1515.393
0.998	14.763			
3/20/2016 5:45:00 PM	452700.000	154.029	21.132	355.648
659.072	711.646	0.351	483.919	1517.285
0.998	14.761			
3/20/2016 6:00:00 PM	453600.000	154.034	21.128	355.660
658.914	711.537	0.351	483.845	1517.650
0.998	14.763			
3/20/2016 6:15:00 PM	454500.000	154.027	21.114	355.644
658.605	711.412	0.351	483.760	1518.360
0.998	14.764			
3/20/2016 6:30:00 PM	455400.000	154.038	21.119	355.669
658.813	711.563	0.351	483.863	1517.882
0.998	14.767			
3/20/2016 6:45:00 PM	456300.000	154.037	21.127	355.666
659.235	711.895	0.351	484.089	1516.909
0.998	14.769			
3/20/2016 7:00:00 PM	457200.000	154.034	21.126	355.659
659.190	711.857	0.351	484.063	1517.014
0.998	14.769			
3/20/2016 7:15:00 PM	458100.000	154.028	21.114	355.646
658.477	711.264	0.351	483.660	1518.656
0.998	14.774			
3/20/2016 7:30:00 PM	459000.000	154.046	21.122	355.689
658.547	711.221	0.351	483.630	1518.494
0.998	14.768			
3/20/2016 7:45:00 PM	459900.000	154.054	21.131	355.705
659.170	711.764	0.351	484.000	1517.059
0.998	14.768			
3/20/2016 8:00:00 PM	460800.000	154.062	21.127	355.725
658.700	711.318	0.351	483.697	1518.141
0.998	14.770			
3/20/2016 8:15:00 PM	461700.000	154.046	21.128	355.687
658.155	710.718	0.350	483.288	1519.399

0.998	14.775			
3/20/2016 8:30:00 PM	462600.000	154.043	21.125	355.679
658.096	710.700	0.350	483.276	1519.535
0.998	14.784			
3/20/2016 8:45:00 PM	463500.000	154.031	21.123	355.653
657.859	710.470	0.350	483.120	1520.083
0.998	14.774			
3/20/2016 9:00:00 PM	464400.000	154.064	21.124	355.729
657.946	710.552	0.350	483.175	1519.881
0.998	14.776			
3/20/2016 9:15:00 PM	465300.000	154.073	21.116	355.750
658.101	710.830	0.350	483.365	1519.524
0.998	14.775			
3/20/2016 9:30:00 PM	466200.000	154.078	21.126	355.760
657.992	710.575	0.350	483.191	1519.776
0.998	14.771			
3/20/2016 9:45:00 PM	467100.000	154.099	21.129	355.810
657.322	709.807	0.350	482.669	1521.325
0.998	14.767			
3/20/2016 10:00:00 PM	468000.000	154.089	21.128	355.788
657.353	709.849	0.350	482.698	1521.253
0.998	14.773			
3/20/2016 10:15:00 PM	468900.000	154.103	21.122	355.818
656.781	709.316	0.350	482.335	1522.578
0.998	14.774			
3/20/2016 10:30:00 PM	469800.000	154.101	21.129	355.813
657.427	709.917	0.350	482.743	1521.081
0.998	14.776			
3/20/2016 10:45:00 PM	470700.000	154.106	21.128	355.825
657.561	710.073	0.350	482.850	1520.772
0.998	14.779			
3/20/2016 11:00:00 PM	471600.000	154.111	21.126	355.838
657.044	709.538	0.350	482.486	1521.969
0.998	14.779			
3/20/2016 11:15:00 PM	472500.000	154.119	21.126	355.857
656.016	708.437	0.349	481.737	1524.352
0.998	14.781			
3/20/2016 11:30:00 PM	473400.000	154.122	21.126	355.862
655.587	707.972	0.349	481.421	1525.350
0.998	14.782			
3/20/2016 11:45:00 PM	474300.000	154.136	21.130	355.896
655.769	708.112	0.349	481.516	1524.928
0.998	14.782			
3/21/2016 12:00:00 AM	475200.000	154.145	21.128	355.915
655.702	708.064	0.349	481.483	1525.084
0.998	14.779			
3/21/2016 12:15:00 AM	476100.000	154.149	21.121	355.925
655.567	708.028	0.349	481.459	1525.396
0.998	14.775			
3/21/2016 12:30:00 AM	477000.000	154.156	21.123	355.941
656.164	708.638	0.349	481.874	1524.009
0.998	14.777			
3/21/2016 12:45:00 AM	477900.000	154.173	21.121	355.980
656.306	708.823	0.349	481.999	1523.679
0.998	14.768			
3/21/2016 1:00:00 AM	478800.000	154.164	21.129	355.960
656.380	708.783	0.349	481.972	1523.508
0.998	14.780			

3/21/2016 1:15:00 AM	479700.000	154.165	21.130	355.962
656.262	708.640	0.349	481.875	1523.781
0.998	14.774			
3/21/2016 1:30:00 AM	480600.000	154.171	21.130	355.977
656.446	708.838	0.349	482.010	1523.354
0.998	14.778			
3/21/2016 1:45:00 AM	481500.000	154.174	21.125	355.982
655.772	708.188	0.349	481.568	1524.920
0.998	14.781			
3/21/2016 2:00:00 AM	482400.000	154.190	21.131	356.019
656.040	708.385	0.349	481.702	1524.297
0.998	14.787			
3/21/2016 2:15:00 AM	483300.000	154.185	21.124	356.009
655.643	708.058	0.349	481.480	1525.219
0.998	14.785			
3/21/2016 2:30:00 AM	484200.000	154.196	21.124	356.034
655.452	707.855	0.349	481.341	1525.666
0.998	14.783			
3/21/2016 2:45:00 AM	485100.000	154.197	21.115	356.036
655.480	708.020	0.349	481.454	1525.599
0.998	14.779			
3/21/2016 3:00:00 AM	486000.000	154.195	21.125	356.032
655.589	707.986	0.349	481.430	1525.346
0.998	14.781			
3/21/2016 3:15:00 AM	486900.000	154.200	21.128	356.043
656.184	708.593	0.349	481.844	1523.963
0.998	14.781			
3/21/2016 3:30:00 AM	487800.000	154.203	21.136	356.050
655.864	708.126	0.349	481.526	1524.705
0.998	14.787			
3/21/2016 3:45:00 AM	488700.000	154.209	21.133	356.063
655.861	708.168	0.349	481.554	1524.714
0.998	14.783			
3/21/2016 4:00:00 AM	489600.000	154.215	21.124	356.078
655.441	707.842	0.349	481.333	1525.690
0.998	14.778			
3/21/2016 4:15:00 AM	490500.000	154.227	21.113	356.105
655.338	707.890	0.349	481.366	1525.931
0.998	14.783			
3/21/2016 4:30:00 AM	491400.000	154.230	21.119	356.112
655.865	708.372	0.349	481.693	1524.703
0.998	14.784			
3/21/2016 4:45:00 AM	492300.000	154.234	21.126	356.122
656.048	708.466	0.349	481.757	1524.279
0.998	14.783			
3/21/2016 5:00:00 AM	493200.000	154.233	21.132	356.119
656.385	708.745	0.349	481.946	1523.495
0.998	14.786			
3/21/2016 5:15:00 AM	494100.000	154.243	21.131	356.142
656.456	708.836	0.349	482.009	1523.331
0.998	14.784			
3/21/2016 5:30:00 AM	495000.000	154.248	21.121	356.154
655.783	708.252	0.349	481.612	1524.895
0.998	14.780			
3/21/2016 5:45:00 AM	495900.000	154.237	21.128	356.128
655.865	708.242	0.349	481.605	1524.705
0.998	14.790			
3/21/2016 6:00:00 AM	496800.000	154.250	21.124	356.157

655.672	708.090	0.349	481.501	1525.153
0.998	14.779			
3/21/2016 6:15:00 AM	497700.000	154.249	21.128	356.155
655.473	707.827	0.349	481.323	1525.615
0.998	14.785			
3/21/2016 6:30:00 AM	498600.000	154.254	21.119	356.168
654.519	706.917	0.348	480.703	1527.840
0.998	14.789			
3/21/2016 6:45:00 AM	499500.000	154.256	21.118	356.171
654.042	706.419	0.348	480.365	1528.954
0.998	14.787			
3/21/2016 7:00:00 AM	500400.000	154.272	21.124	356.210
655.109	707.484	0.349	481.090	1526.465
0.998	14.784			
3/21/2016 7:15:00 AM	501300.000	154.260	21.126	356.182
655.525	707.901	0.349	481.373	1525.495
0.998	14.785			
3/21/2016 7:30:00 AM	502200.000	154.270	21.114	356.204
655.138	707.659	0.349	481.208	1526.395
0.998	14.786			
3/21/2016 7:45:00 AM	503100.000	154.263	21.125	356.188
654.840	707.180	0.348	480.882	1527.092
0.998	14.790			
3/21/2016 8:00:00 AM	504000.000	154.262	21.117	356.187
654.682	707.125	0.348	480.845	1527.458
0.998	14.794			
3/21/2016 8:15:00 AM	504900.000	154.248	21.104	356.154
654.609	707.241	0.349	480.924	1527.629
0.998	14.793			
3/21/2016 8:30:00 AM	505800.000	154.253	21.114	356.166
655.108	707.629	0.349	481.188	1526.466
0.998	14.787			
3/21/2016 8:45:00 AM	506700.000	154.230	21.115	356.112
656.060	708.649	0.349	481.881	1524.250
0.998	14.797			
3/21/2016 9:00:00 AM	507600.000	154.218	21.125	356.085
657.510	710.069	0.350	482.847	1520.890
0.998	14.798			
3/21/2016 9:15:00 AM	508500.000	154.210	21.128	356.067
657.875	710.416	0.350	483.083	1520.044
0.998	14.798			
3/21/2016 9:30:00 AM	509400.000	154.204	21.131	356.053
656.588	708.983	0.349	482.108	1523.024
0.998	14.800			
3/21/2016 9:45:00 AM	510300.000	154.187	21.124	356.014
655.721	708.145	0.349	481.539	1525.038
0.998	14.799			
3/21/2016 10:00:00 AM	511200.000	154.166	21.124	355.965
655.803	708.230	0.349	481.596	1524.849
0.998	14.800			
3/21/2016 10:15:00 AM	512100.000	154.194	21.127	356.029
655.679	708.064	0.349	481.483	1525.136
0.998	14.805			
3/21/2016 10:30:00 AM	513000.000	154.151	21.128	355.930
655.591	707.940	0.349	481.399	1525.342
0.998	14.800			
3/21/2016 10:45:00 AM	513900.000	154.149	21.130	355.925
655.883	708.238	0.349	481.602	1524.661

0.998	14.799				
3/21/2016 11:00:00 AM	514800.000	154.142	21.117	355.909	
655.538	708.058	0.349	481.479	1525.465	
0.998	14.807				
3/21/2016 11:15:00 AM	515700.000	154.139	21.118	355.902	
655.577	708.081	0.349	481.495	1525.374	
0.998	14.802				
3/21/2016 11:30:00 AM	516600.000	154.128	21.120	355.877	
655.891	708.392	0.349	481.707	1524.643	
0.998	14.806				
3/21/2016 11:45:00 AM	517500.000	154.124	21.129	355.868	
656.120	708.498	0.349	481.779	1524.110	
0.998	14.802				
3/21/2016 12:00:00 PM	518400.000	154.131	21.132	355.884	
656.159	708.494	0.349	481.776	1524.022	
0.998	14.803				
3/21/2016 12:15:00 PM	519300.000	154.142	21.123	355.909	
655.579	708.008	0.349	481.445	1525.369	
0.998	14.801				
3/21/2016 12:30:00 PM	520200.000	154.134	21.122	355.891	
655.646	708.088	0.349	481.500	1525.212	
0.998	14.800				
3/21/2016 12:45:00 PM	521100.000	154.138	21.130	355.901	
655.700	708.035	0.349	481.464	1525.087	
0.998	14.796				
3/21/2016 1:00:00 PM	522000.000	154.147	21.134	355.920	
655.077	707.308	0.349	480.970	1526.539	
0.998	14.787				
3/21/2016 1:15:00 PM	522900.000	154.159	21.125	355.947	
654.825	707.164	0.348	480.871	1527.127	
0.998	14.789				
3/21/2016 1:30:00 PM	523800.000	154.149	21.128	355.926	
654.877	707.181	0.348	480.883	1527.003	
0.998	14.790				
3/21/2016 1:45:00 PM	524700.000	154.170	21.129	355.973	
655.243	707.556	0.349	481.138	1526.151	
0.998	14.779				
3/21/2016 2:00:00 PM	525600.000	154.159	21.119	355.949	
655.470	707.946	0.349	481.403	1525.623	
0.998	14.787				
3/21/2016 2:15:00 PM	526500.000	154.160	21.127	355.950	
655.723	708.111	0.349	481.515	1525.035	
0.998	14.784				
3/21/2016 2:30:00 PM	527400.000	154.171	21.126	355.977	
655.775	708.173	0.349	481.558	1524.914	
0.998	14.776				
3/21/2016 2:45:00 PM	528300.000	154.174	21.120	355.984	
656.198	708.715	0.349	481.926	1523.929	
0.998	14.776				
3/21/2016 3:00:00 PM	529200.000	154.168	21.125	355.969	
657.224	709.754	0.350	482.633	1521.551	
0.998	14.776				
3/21/2016 3:15:00 PM	530100.000	154.170	21.125	355.974	
658.164	710.766	0.350	483.321	1519.378	
0.998	14.776				
3/21/2016 3:30:00 PM	531000.000	154.191	21.125	356.021	
658.868	711.534	0.351	483.843	1517.756	
0.998	14.764				



3/21/2016 3:45:00 PM	531900.000	154.185	21.133	356.008
658.295	710.789	0.350	483.336	1519.075
0.998	14.769			
3/21/2016 4:00:00 PM	532800.000	154.179	21.123	355.995
657.810	710.421	0.350	483.086	1520.197
0.998	14.774			
3/21/2016 4:15:00 PM	533700.000	154.189	21.125	356.018
655.789	708.208	0.349	481.581	1524.881
0.998	14.771			
3/21/2016 4:30:00 PM	534600.000	154.191	21.129	356.022
656.001	708.380	0.349	481.699	1524.389
0.998	14.773			
3/21/2016 4:45:00 PM	535500.000	154.209	21.126	356.064
656.180	708.618	0.349	481.860	1523.973
0.998	14.765			
3/21/2016 5:00:00 PM	536400.000	154.208	21.114	356.062
655.706	708.271	0.349	481.625	1525.074
0.998	14.770			
3/21/2016 5:15:00 PM	537300.000	154.202	21.114	356.047
655.567	708.122	0.349	481.523	1525.398
0.998	14.773			
3/21/2016 5:30:00 PM	538200.000	154.195	21.134	356.032
656.097	708.400	0.349	481.712	1524.164
0.998	14.779			
3/21/2016 5:45:00 PM	539100.000	154.208	21.128	356.062
655.965	708.347	0.349	481.676	1524.472
0.998	14.777			
3/21/2016 6:00:00 PM	540000.000	154.203	21.126	356.049
655.657	708.050	0.349	481.474	1525.188
0.998	14.776			
3/21/2016 6:15:00 PM	540900.000	154.197	21.129	356.035
655.716	708.062	0.349	481.482	1525.051
0.998	14.773			
3/21/2016 6:30:00 PM	541800.000	154.210	21.118	356.066
655.707	708.218	0.349	481.588	1525.071
0.998	14.774			
3/21/2016 6:45:00 PM	542700.000	154.202	21.119	356.047
656.242	708.789	0.349	481.976	1523.828
0.998	14.778			
3/21/2016 7:00:00 PM	543600.000	154.206	21.128	356.057
655.826	708.205	0.349	481.579	1524.796
0.998	14.772			
3/21/2016 7:15:00 PM	544500.000	154.211	21.127	356.068
655.610	707.985	0.349	481.430	1525.297
0.998	14.772			
3/21/2016 7:30:00 PM	545400.000	154.213	21.125	356.072
655.519	707.920	0.349	481.385	1525.509
0.998	14.773			
3/21/2016 7:45:00 PM	546300.000	154.204	21.132	356.053
656.004	708.335	0.349	481.668	1524.381
0.998	14.779			
3/21/2016 8:00:00 PM	547200.000	154.213	21.127	356.073
655.565	707.939	0.349	481.399	1525.401
0.998	14.770			
3/21/2016 8:15:00 PM	548100.000	154.216	21.112	356.081
654.904	707.435	0.349	481.056	1526.941
0.998	14.778			
3/21/2016 8:30:00 PM	549000.000	154.209	21.119	356.064

654.719	707.141	0.348	480.856	1527.372
0.998	14.774			
3/21/2016 8:45:00 PM	549900.000	154.220	21.116	356.089
654.766	707.230	0.348	480.917	1527.264
0.998	14.778			
3/21/2016 9:00:00 PM	550800.000	154.217	21.118	356.082
655.035	707.496	0.349	481.098	1526.637
0.998	14.784			
3/21/2016 9:15:00 PM	551700.000	154.220	21.109	356.089
655.027	707.613	0.349	481.177	1526.655
0.998	14.789			
3/21/2016 9:30:00 PM	552600.000	154.216	21.124	356.080
655.473	707.882	0.349	481.359	1525.617
0.998	14.792			
3/21/2016 9:45:00 PM	553500.000	154.213	21.118	356.073
656.149	708.702	0.349	481.918	1524.045
0.998	14.793			
3/21/2016 10:00:00 PM	554400.000	154.218	21.128	356.084
656.607	709.042	0.349	482.148	1522.980
0.998	14.796			
3/21/2016 10:15:00 PM	555300.000	154.215	21.114	356.079
656.745	709.391	0.350	482.386	1522.661
0.998	14.802			
3/21/2016 10:30:00 PM	556200.000	154.214	21.115	356.076
656.560	709.187	0.349	482.247	1523.091
0.998	14.799			
3/21/2016 10:45:00 PM	557100.000	154.224	21.122	356.099
656.528	709.048	0.349	482.153	1523.164
0.998	14.802			
3/21/2016 11:00:00 PM	558000.000	154.228	21.121	356.108
656.688	709.232	0.350	482.278	1522.793
0.998	14.799			
3/21/2016 11:15:00 PM	558900.000	154.233	21.131	356.120
656.693	709.099	0.349	482.188	1522.783
0.998	14.799			
3/21/2016 11:30:00 PM	559800.000	154.218	21.124	356.085
656.505	708.998	0.349	482.119	1523.219
0.998	14.808			
3/21/2016 11:45:00 PM	560700.000	154.235	21.126	356.124
656.481	708.942	0.349	482.081	1523.273
0.998	14.804			
3/22/2016 12:00:00 AM	561600.000	154.246	21.124	356.149
656.206	708.670	0.349	481.895	1523.912
0.998	14.803			
3/22/2016 12:15:00 AM	562500.000	154.240	21.122	356.134
655.911	708.376	0.349	481.696	1524.598
0.998	14.801			
3/22/2016 12:30:00 AM	563400.000	154.237	21.128	356.129
655.763	708.128	0.349	481.527	1524.940
0.998	14.807			
3/22/2016 12:45:00 AM	564300.000	154.235	21.124	356.123
655.712	708.131	0.349	481.529	1525.060
0.998	14.809			
3/22/2016 1:00:00 AM	565200.000	154.245	21.124	356.148
654.985	707.355	0.349	481.002	1526.752
0.998	14.810			
3/22/2016 1:15:00 AM	566100.000	154.246	21.130	356.148
656.151	708.525	0.349	481.797	1524.041

0.998	14.813				
3/22/2016 1:30:00 AM	567000.000	154.239	21.126	356.132	
655.803	708.198	0.349	481.575	1524.849	
0.998	14.810				
3/22/2016 1:45:00 AM	567900.000	154.253	21.125	356.165	
656.006	708.435	0.349	481.736	1524.377	
0.998	14.809				
3/22/2016 2:00:00 AM	568800.000	154.243	21.130	356.142	
656.043	708.407	0.349	481.717	1524.290	
0.998	14.813				
3/22/2016 2:15:00 AM	569700.000	154.233	21.130	356.120	
655.775	708.109	0.349	481.514	1524.914	
0.998	14.813				
3/22/2016 2:30:00 AM	570600.000	154.252	21.116	356.163	
654.962	707.441	0.349	481.060	1526.805	
0.998	14.812				
3/22/2016 2:45:00 AM	571500.000	154.250	21.133	356.158	
655.154	707.404	0.349	481.035	1526.360	
0.998	14.811				
3/22/2016 3:00:00 AM	572400.000	154.250	21.126	356.159	
655.099	707.445	0.349	481.063	1526.486	
0.998	14.811				
3/22/2016 3:15:00 AM	573300.000	154.256	21.129	356.173	
654.831	707.109	0.348	480.834	1527.111	
0.998	14.802				
3/22/2016 3:30:00 AM	574200.000	154.249	21.126	356.156	
654.773	707.088	0.348	480.820	1527.248	
0.998	14.807				
3/22/2016 3:45:00 AM	575100.000	154.254	21.132	356.167	
654.605	706.822	0.348	480.639	1527.638	
0.998	14.808				
3/22/2016 4:00:00 AM	576000.000	154.261	21.125	356.184	
654.278	706.571	0.348	480.468	1528.403	
0.998	14.809				
3/22/2016 4:15:00 AM	576900.000	154.249	21.114	356.156	
654.667	707.158	0.348	480.868	1527.494	
0.998	14.817				
3/22/2016 4:30:00 AM	577800.000	154.253	21.116	356.166	
654.870	707.340	0.349	480.992	1527.020	
0.998	14.811				
3/22/2016 4:45:00 AM	578700.000	154.256	21.110	356.173	
654.992	707.569	0.349	481.147	1526.737	
0.998	14.806				
3/22/2016 5:00:00 AM	579600.000	154.256	21.110	356.172	
655.217	707.800	0.349	481.304	1526.213	
0.998	14.806				
3/22/2016 5:15:00 AM	580500.000	154.267	21.123	356.198	
655.523	707.952	0.349	481.408	1525.499	
0.998	14.810				
3/22/2016 5:30:00 AM	581400.000	154.255	21.129	356.171	
657.069	709.531	0.350	482.481	1521.910	
0.998	14.816				
3/22/2016 5:45:00 AM	582300.000	154.267	21.114	356.198	
656.756	709.409	0.350	482.398	1522.635	
0.998	14.811				
3/22/2016 6:00:00 AM	583200.000	154.262	21.119	356.187	
656.082	708.612	0.349	481.856	1524.200	
0.998	14.819				

3/22/2016 6:15:00 AM	584100.000	154.253	21.128	356.165
656.637	709.070	0.349	482.167	1522.912
0.998	14.825			
3/22/2016 6:30:00 AM	585000.000	154.259	21.127	356.179
656.285	708.714	0.349	481.926	1523.727
0.998	14.821			
3/22/2016 6:45:00 AM	585900.000	154.258	21.129	356.178
656.449	708.858	0.349	482.023	1523.348
0.998	14.825			
3/22/2016 7:00:00 AM	586800.000	154.248	21.115	356.154
656.015	708.591	0.349	481.842	1524.356
0.998	14.833			
3/22/2016 7:15:00 AM	587700.000	154.254	21.122	356.167
655.598	708.044	0.349	481.470	1525.325
0.998	14.822			
3/22/2016 7:30:00 AM	588600.000	154.251	21.127	356.161
655.770	708.162	0.349	481.550	1524.924
0.998	14.828			
3/22/2016 7:45:00 AM	589500.000	154.246	21.126	356.150
655.794	708.194	0.349	481.572	1524.869
0.998	14.840			
3/22/2016 8:00:00 AM	590400.000	154.256	21.130	356.172
655.991	708.348	0.349	481.677	1524.410
0.998	14.830			
3/22/2016 8:15:00 AM	591300.000	154.247	21.131	356.151
656.186	708.547	0.349	481.812	1523.958
0.998	14.839			
3/22/2016 8:30:00 AM	592200.000	154.247	21.133	356.152
655.712	708.004	0.349	481.443	1525.060
0.998	14.847			
3/22/2016 8:45:00 AM	593100.000	154.249	21.122	356.156
654.712	707.081	0.348	480.815	1527.388
0.998	14.845			
3/22/2016 9:00:00 AM	594000.000	154.253	21.116	356.166
654.771	707.240	0.349	480.923	1527.252
0.998	14.847			
3/22/2016 9:15:00 AM	594900.000	154.257	21.119	356.174
654.892	707.330	0.349	480.984	1526.969
0.998	14.844			
3/22/2016 9:30:00 AM	595800.000	154.253	21.131	356.165
656.071	708.422	0.349	481.727	1524.224
0.998	14.853			
3/22/2016 9:45:00 AM	596700.000	154.255	21.129	356.171
655.119	707.428	0.349	481.051	1526.440
0.998	14.854			
3/22/2016 10:00:00 AM	597600.000	154.258	21.129	356.178
655.247	707.560	0.349	481.141	1526.142
0.998	14.855			
3/22/2016 10:15:00 AM	598500.000	154.254	21.128	356.167
655.529	707.885	0.349	481.362	1525.486
0.998	14.862			
3/22/2016 10:30:00 AM	599400.000	154.252	21.133	356.164
655.840	708.144	0.349	481.538	1524.763
0.998	14.857			
3/22/2016 10:45:00 AM	600300.000	154.265	21.133	356.194
654.542	706.746	0.348	480.587	1527.787
0.998	14.860			
3/22/2016 11:00:00 AM	601200.000	154.259	21.130	356.179

653.662	705.837	0.348	479.969	1529.843
0.998	14.862			
3/22/2016 11:15:00 AM	602100.000	154.265	21.128	356.192
654.159	706.394	0.348	480.348	1528.680
0.998	14.858			
3/22/2016 11:30:00 AM	603000.000	154.264	21.118	356.191
654.324	706.721	0.348	480.570	1528.295
0.998	14.860			
3/22/2016 11:45:00 AM	603900.000	154.259	21.117	356.179
654.310	706.725	0.348	480.573	1528.328
0.998	14.861			
3/22/2016 12:00:00 PM	604800.000	154.242	21.119	356.140
654.691	707.107	0.348	480.833	1527.439
0.998	14.862			
3/22/2016 12:15:00 PM	605700.000	154.240	21.108	356.136
654.843	707.427	0.349	481.051	1527.083
0.998	14.866			
3/22/2016 12:30:00 PM	606600.000	154.230	21.125	356.111
655.725	708.133	0.349	481.531	1525.030
0.998	14.857			
3/22/2016 12:45:00 PM	607500.000	154.210	21.134	356.066
655.928	708.221	0.349	481.591	1524.557
0.998	14.862			
3/22/2016 1:00:00 PM	608400.000	154.201	21.128	356.046
655.977	708.367	0.349	481.690	1524.444
0.998	14.870			
3/22/2016 1:15:00 PM	609300.000	154.191	21.126	356.022
655.826	708.238	0.349	481.602	1524.794
0.998	14.858			
3/22/2016 1:30:00 PM	610200.000	154.198	21.127	356.038
655.653	708.023	0.349	481.455	1525.197
0.998	14.853			
3/22/2016 1:45:00 PM	611100.000	154.194	21.119	356.030
655.478	707.964	0.349	481.415	1525.605
0.998	14.855			
3/22/2016 2:00:00 PM	612000.000	154.190	21.116	356.019
655.570	708.096	0.349	481.505	1525.389
0.998	14.849			
3/22/2016 2:15:00 PM	612900.000	154.164	21.121	355.960
655.522	707.978	0.349	481.425	1525.502
0.998	14.850			
3/22/2016 2:30:00 PM	613800.000	154.172	21.120	355.978
655.783	708.275	0.349	481.627	1524.894
0.998	14.846			
3/22/2016 2:45:00 PM	614700.000	154.164	21.107	355.960
655.565	708.227	0.349	481.594	1525.401
0.998	14.845			
3/22/2016 3:00:00 PM	615600.000	154.161	21.116	355.952
655.651	708.187	0.349	481.568	1525.202
0.998	14.843			
3/22/2016 3:15:00 PM	616500.000	154.136	21.112	355.894
656.971	709.676	0.350	482.580	1522.137
0.998	14.845			
3/22/2016 3:30:00 PM	617400.000	154.134	21.124	355.891
658.884	711.557	0.351	483.859	1517.718
0.998	14.837			
3/22/2016 3:45:00 PM	618300.000	154.129	21.126	355.878
658.714	711.347	0.351	483.716	1518.109

0.998	14.838			
3/22/2016 4:00:00 PM	619200.000	154.116	21.126	355.848
658.496	711.118	0.350	483.560	1518.612
0.998	14.838			
3/22/2016 4:15:00 PM	620100.000	154.111	21.128	355.837
657.484	709.991	0.350	482.794	1520.949
0.998	14.830			
3/22/2016 4:30:00 PM	621000.000	154.093	21.109	355.797
656.429	709.127	0.349	482.206	1523.394
0.998	14.835			
3/22/2016 4:45:00 PM	621900.000	154.064	21.116	355.729
658.027	710.754	0.350	483.313	1519.695
0.998	14.833			
3/22/2016 5:00:00 PM	622800.000	154.054	21.125	355.705
659.067	711.744	0.351	483.986	1517.297
0.998	14.835			
3/22/2016 5:15:00 PM	623700.000	154.028	21.126	355.645
658.246	710.840	0.350	483.371	1519.188
0.998	14.835			
3/22/2016 5:30:00 PM	624600.000	154.025	21.125	355.639
658.109	710.716	0.350	483.287	1519.506
0.998	14.832			
3/22/2016 5:45:00 PM	625500.000	153.998	21.118	355.578
658.336	711.065	0.350	483.524	1518.980
0.998	14.830			
3/22/2016 6:00:00 PM	626400.000	153.986	21.124	355.549
657.776	710.365	0.350	483.048	1520.275
0.998	14.838			
3/22/2016 6:15:00 PM	627300.000	153.964	21.117	355.499
657.911	710.608	0.350	483.213	1519.961
0.998	14.834			
3/22/2016 6:30:00 PM	628200.000	153.940	21.112	355.442
657.919	710.691	0.350	483.270	1519.944
0.998	14.833			
3/22/2016 6:45:00 PM	629100.000	153.927	21.112	355.412
658.339	711.149	0.350	483.581	1518.974
0.998	14.834			
3/22/2016 7:00:00 PM	630000.000	153.897	21.121	355.344
658.985	711.718	0.351	483.968	1517.486
0.998	14.837			
3/22/2016 7:15:00 PM	630900.000	153.891	21.124	355.330
659.413	712.137	0.351	484.253	1516.501
0.998	14.830			
3/22/2016 7:30:00 PM	631800.000	153.866	21.121	355.273
659.162	711.912	0.351	484.100	1517.077
0.998	14.839			
3/22/2016 7:45:00 PM	632700.000	153.856	21.115	355.249
658.936	711.743	0.351	483.985	1517.599
0.998	14.839			
3/22/2016 8:00:00 PM	633600.000	153.852	21.112	355.239
659.174	712.056	0.351	484.198	1517.051
0.998	14.843			
3/22/2016 8:15:00 PM	634500.000	153.832	21.124	355.193
659.460	712.189	0.351	484.288	1516.393
0.998	14.845			
3/22/2016 8:30:00 PM	635400.000	153.828	21.120	355.184
659.109	711.867	0.351	484.070	1517.201
0.998	14.847			

3/22/2016 8:45:00 PM	636300.000	153.830	21.117	355.190
659.028	711.825	0.351	484.041	1517.386
0.998	14.855			
3/22/2016 9:00:00 PM	637200.000	153.827	21.118	355.181
658.478	711.216	0.351	483.627	1518.653
0.998	14.844			
3/22/2016 9:15:00 PM	638100.000	153.816	21.123	355.156
659.749	712.504	0.351	484.503	1515.728
0.998	14.855			
3/22/2016 9:30:00 PM	639000.000	153.819	21.130	355.162
659.641	712.297	0.351	484.362	1515.976
0.998	14.852			
3/22/2016 9:45:00 PM	639900.000	153.811	21.120	355.146
659.746	712.548	0.351	484.532	1515.735
0.998	14.853			
3/22/2016 10:00:00 PM	640800.000	153.801	21.128	355.122
659.412	712.081	0.351	484.215	1516.502
0.998	14.863			
3/22/2016 10:15:00 PM	641700.000	153.798	21.127	355.115
659.580	712.274	0.351	484.347	1516.117
0.998	14.865			
3/22/2016 10:30:00 PM	642600.000	153.792	21.128	355.101
659.105	711.742	0.351	483.985	1517.210
0.998	14.861			
3/22/2016 10:45:00 PM	643500.000	153.803	21.127	355.126
658.566	711.177	0.351	483.600	1518.451
0.998	14.854			
3/22/2016 11:00:00 PM	644400.000	153.799	21.121	355.116
658.527	711.221	0.351	483.630	1518.540
0.998	14.858			
3/22/2016 11:15:00 PM	645300.000	153.789	21.122	355.094
658.767	711.459	0.351	483.792	1517.988
0.998	14.858			
3/22/2016 11:30:00 PM	646200.000	153.789	21.125	355.095
659.342	712.039	0.351	484.187	1516.665
0.998	14.855			
3/22/2016 11:45:00 PM	647100.000	153.785	21.122	355.085
659.372	712.114	0.351	484.237	1516.594
0.998	14.862			
3/23/2016 12:00:00 AM	648000.000	153.764	21.119	355.036
659.233	712.007	0.351	484.165	1516.915
0.998	14.859			
3/23/2016 12:15:00 AM	648900.000	153.773	21.125	355.058
659.559	712.277	0.351	484.348	1516.164
0.998	14.861			
3/23/2016 12:30:00 AM	649800.000	153.761	21.114	355.030
658.957	711.783	0.351	484.013	1517.549
0.998	14.857			
3/23/2016 12:45:00 AM	650700.000	153.757	21.116	355.021
659.217	712.037	0.351	484.185	1516.951
0.998	14.863			
3/23/2016 1:00:00 AM	651600.000	153.771	21.123	355.053
659.358	712.085	0.351	484.218	1516.627
0.998	14.854			
3/23/2016 1:15:00 AM	652500.000	153.768	21.117	355.045
659.130	711.932	0.351	484.114	1517.152
0.998	14.858			
3/23/2016 1:30:00 AM	653400.000	153.767	21.121	355.042

659.253	712.009	0.351	484.166	1516.868
0.998	14.853			
3/23/2016 1:45:00 AM	654300.000	153.769	21.129	355.047
659.536	712.198	0.351	484.295	1516.216
0.998	14.857			
3/23/2016 2:00:00 AM	655200.000	153.773	21.121	355.058
659.175	711.914	0.351	484.102	1517.048
0.998	14.854			
3/23/2016 2:15:00 AM	656100.000	153.801	21.118	355.121
659.300	712.103	0.351	484.230	1516.760
0.998	14.855			
3/23/2016 2:30:00 AM	657000.000	153.811	21.113	355.146
658.928	711.765	0.351	484.000	1517.617
0.998	14.851			
3/23/2016 2:45:00 AM	657900.000	153.801	21.120	355.121
659.298	712.061	0.351	484.202	1516.766
0.998	14.853			
3/23/2016 3:00:00 AM	658800.000	153.812	21.125	355.148
659.284	711.981	0.351	484.147	1516.797
0.998	14.852			
3/23/2016 3:15:00 AM	659700.000	153.825	21.120	355.177
659.189	711.951	0.351	484.127	1517.016
0.998	14.848			
3/23/2016 3:30:00 AM	660600.000	153.823	21.123	355.173
659.054	711.753	0.351	483.992	1517.327
0.998	14.851			
3/23/2016 3:45:00 AM	661500.000	153.832	21.122	355.193
658.635	711.329	0.351	483.704	1518.291
0.998	14.847			
3/23/2016 4:00:00 AM	662400.000	153.837	21.120	355.206
658.135	710.817	0.350	483.355	1519.446
0.998	14.846			
3/23/2016 4:15:00 AM	663300.000	153.850	21.112	355.235
658.388	711.201	0.351	483.617	1518.860
0.998	14.844			
3/23/2016 4:30:00 AM	664200.000	153.845	21.122	355.222
658.313	710.979	0.350	483.466	1519.035
0.998	14.844			
3/23/2016 4:45:00 AM	665100.000	153.864	21.128	355.267
658.459	711.044	0.350	483.510	1518.697
0.998	14.843			
3/23/2016 5:00:00 AM	666000.000	153.858	21.113	355.253
658.081	710.861	0.350	483.386	1519.569
0.998	14.849			
3/23/2016 5:15:00 AM	666900.000	153.875	21.110	355.294
657.931	710.744	0.350	483.306	1519.917
0.998	14.845			
3/23/2016 5:30:00 AM	667800.000	153.877	21.121	355.296
658.357	711.033	0.350	483.503	1518.933
0.998	14.843			
3/23/2016 5:45:00 AM	668700.000	153.865	21.131	355.269
658.633	711.188	0.351	483.608	1518.295
0.998	14.850			
3/23/2016 6:00:00 AM	669600.000	153.891	21.127	355.329
658.674	711.291	0.351	483.678	1518.202
0.998	14.849			
3/23/2016 6:15:00 AM	670500.000	153.896	21.129	355.340
657.962	710.497	0.350	483.138	1519.845



0.998	14.853				
3/23/2016 6:30:00 AM	671400.000	153.898	21.118	355.347	
657.631	710.302	0.350	483.006	1520.609	
0.998	14.846				
3/23/2016 6:45:00 AM	672300.000	153.906	21.126	355.365	
657.748	710.313	0.350	483.013	1520.339	
0.998	14.852				
3/23/2016 7:00:00 AM	673200.000	153.902	21.123	355.355	
657.729	710.333	0.350	483.026	1520.382	
0.998	14.858				
3/23/2016 7:15:00 AM	674100.000	153.907	21.129	355.366	
657.796	710.319	0.350	483.017	1520.228	
0.998	14.857				
3/23/2016 7:30:00 AM	675000.000	153.916	21.125	355.386	
657.600	710.161	0.350	482.910	1520.680	
0.998	14.862				
3/23/2016 7:45:00 AM	675900.000	153.918	21.125	355.391	
657.231	709.759	0.350	482.636	1521.534	
0.998	14.862				
3/23/2016 8:00:00 AM	676800.000	153.919	21.126	355.395	
657.449	709.990	0.350	482.793	1521.030	
0.998	14.866				
3/23/2016 8:15:00 AM	677700.000	153.926	21.123	355.410	
657.294	709.861	0.350	482.705	1521.390	
0.998	14.872				
3/23/2016 8:30:00 AM	678600.000	153.924	21.130	355.405	
657.378	709.840	0.350	482.691	1521.196	
0.998	14.882				
3/23/2016 8:45:00 AM	679500.000	153.931	21.126	355.421	
657.138	709.655	0.350	482.565	1521.750	
0.998	14.875				
3/23/2016 9:00:00 AM	680400.000	153.935	21.125	355.431	
657.389	709.932	0.350	482.754	1521.168	
0.998	14.879				
3/23/2016 9:15:00 AM	681300.000	153.936	21.129	355.434	
657.723	710.233	0.350	482.959	1520.398	
0.998	14.876				
3/23/2016 9:30:00 AM	682200.000	153.925	21.124	355.408	
657.764	710.347	0.350	483.036	1520.302	
0.998	14.880				
3/23/2016 9:45:00 AM	683100.000	153.924	21.116	355.407	
656.952	709.587	0.350	482.519	1522.181	
0.998	14.883				
3/23/2016 10:00:00 AM	684000.000	153.920	21.127	355.397	
657.056	709.538	0.350	482.486	1521.941	
0.998	14.881				
3/23/2016 10:15:00 AM	684900.000	153.916	21.120	355.386	
657.013	709.604	0.350	482.531	1522.040	
0.998	14.882				
3/23/2016 10:30:00 AM	685800.000	153.894	21.109	355.337	
656.797	709.522	0.350	482.475	1522.542	
0.998	14.885				
3/23/2016 10:45:00 AM	686700.000	153.877	21.122	355.297	
656.956	709.512	0.350	482.468	1522.173	
0.998	14.892				
3/23/2016 11:00:00 AM	687600.000	153.876	21.126	355.296	
657.119	709.621	0.350	482.542	1521.795	
0.998	14.884				

3/23/2016 11:15:00 AM	688500.000	153.858	21.129	355.253
657.471	709.967	0.350	482.778	1520.979
0.998	14.887			
3/23/2016 11:30:00 AM	689400.000	153.844	21.131	355.221
657.485	709.949	0.350	482.766	1520.948
0.998	14.891			
3/23/2016 11:45:00 AM	690300.000	153.830	21.122	355.190
656.667	709.203	0.350	482.258	1522.842
0.998	14.892			
3/23/2016 12:00:00 PM	691200.000	153.826	21.119	355.179
656.481	709.045	0.349	482.150	1523.273
0.998	14.883			
3/23/2016 12:15:00 PM	692100.000	153.808	21.123	355.137
656.948	709.490	0.350	482.454	1522.190
0.998	14.892			
3/23/2016 12:30:00 PM	693000.000	153.790	21.127	355.097
657.862	710.418	0.350	483.084	1520.077
0.998	14.888			
3/23/2016 12:45:00 PM	693900.000	153.771	21.118	355.052
657.628	710.294	0.350	483.000	1520.616
0.998	14.886			
3/23/2016 1:00:00 PM	694800.000	153.766	21.126	355.040
657.950	710.525	0.350	483.157	1519.872
0.998	14.881			
3/23/2016 1:15:00 PM	695700.000	153.728	21.125	354.954
657.975	710.568	0.350	483.186	1519.814
0.998	14.891			
3/23/2016 1:30:00 PM	696600.000	153.733	21.123	354.964
657.642	710.232	0.350	482.958	1520.583
0.998	14.878			
3/23/2016 1:45:00 PM	697500.000	153.719	21.132	354.932
657.685	710.150	0.350	482.902	1520.485
0.998	14.882			
3/23/2016 2:00:00 PM	698400.000	153.720	21.118	354.935
657.332	709.971	0.350	482.781	1521.302
0.998	14.879			
3/23/2016 2:15:00 PM	699300.000	153.706	21.114	354.902
657.309	710.002	0.350	482.802	1521.355
0.998	14.877			
3/23/2016 2:30:00 PM	700200.000	153.691	21.117	354.867
657.355	710.019	0.350	482.813	1521.249
0.998	14.881			
3/23/2016 2:45:00 PM	701100.000	153.672	21.120	354.824
657.509	710.134	0.350	482.891	1520.892
0.998	14.883			
3/23/2016 3:00:00 PM	702000.000	153.667	21.123	354.812
657.685	710.279	0.350	482.990	1520.484
0.998	14.874			
3/23/2016 3:15:00 PM	702900.000	153.655	21.127	354.784
657.850	710.408	0.350	483.078	1520.103
0.998	14.873			
3/23/2016 3:30:00 PM	703800.000	153.644	21.120	354.758
657.884	710.537	0.350	483.165	1520.024
0.998	14.871			
3/23/2016 3:45:00 PM	704700.000	153.641	21.125	354.751
657.946	710.535	0.350	483.164	1519.881
0.998	14.869			
3/23/2016 4:00:00 PM	705600.000	153.621	21.110	354.707

658.237	711.068	0.350	483.527	1519.209
0.998	14.871			
3/23/2016 4:15:00 PM	706500.000	153.596	21.113	354.649
659.891	712.805	0.351	484.707	1515.402
0.998	14.873			
3/23/2016 4:30:00 PM	707400.000	153.581	21.119	354.613
662.000	715.008	0.352	486.206	1510.573
0.998	14.876			
3/23/2016 4:45:00 PM	708300.000	153.567	21.117	354.582
661.897	714.915	0.352	486.142	1510.808
0.998	14.868			
3/23/2016 5:00:00 PM	709200.000	153.559	21.123	354.563
661.215	714.091	0.352	485.582	1512.367
0.998	14.865			
3/23/2016 5:15:00 PM	710100.000	153.551	21.109	354.545
661.781	714.912	0.352	486.140	1511.075
0.998	14.862			
3/23/2016 5:30:00 PM	711000.000	153.529	21.123	354.493
661.333	714.218	0.352	485.668	1512.098
0.998	14.867			
3/23/2016 5:45:00 PM	711900.000	153.524	21.124	354.482
661.179	714.038	0.352	485.546	1512.449
0.998	14.863			
3/23/2016 6:00:00 PM	712800.000	153.515	21.128	354.460
660.299	713.036	0.351	484.865	1514.465
0.998	14.874			
3/23/2016 6:15:00 PM	713700.000	153.518	21.124	354.468
660.447	713.251	0.352	485.011	1514.126
0.998	14.862			
3/23/2016 6:30:00 PM	714600.000	153.517	21.128	354.465
660.102	712.825	0.351	484.721	1514.918
0.998	14.865			
3/23/2016 6:45:00 PM	715500.000	153.514	21.111	354.460
659.718	712.660	0.351	484.609	1515.800
0.998	14.864			
3/23/2016 7:00:00 PM	716400.000	153.517	21.119	354.466
659.595	712.409	0.351	484.438	1516.081
0.998	14.862			
3/23/2016 7:15:00 PM	717300.000	153.521	21.108	354.474
659.317	712.264	0.351	484.340	1516.722
0.998	14.864			
3/23/2016 7:30:00 PM	718200.000	153.527	21.123	354.490
659.276	711.998	0.351	484.159	1516.815
0.998	14.862			
3/23/2016 7:45:00 PM	719100.000	153.526	21.118	354.488
659.491	712.304	0.351	484.366	1516.321
0.998	14.863			
3/23/2016 8:00:00 PM	720000.000	153.527	21.127	354.489
660.380	713.139	0.352	484.934	1514.280
0.998	14.863			
3/23/2016 8:15:00 PM	720900.000	153.543	21.126	354.527
659.608	712.312	0.351	484.372	1516.051
0.998	14.859			
3/23/2016 8:30:00 PM	721800.000	153.537	21.124	354.512
659.297	712.002	0.351	484.161	1516.767
0.998	14.862			
3/23/2016 8:45:00 PM	722700.000	153.540	21.124	354.519
658.383	711.026	0.350	483.498	1518.873

0.998	14.865			
3/23/2016 9:00:00 PM	723600.000	153.528	21.120	354.491
657.731	710.376	0.350	483.056	1520.378
0.998	14.871			
3/23/2016 9:15:00 PM	724500.000	153.525	21.119	354.483
657.676	710.325	0.350	483.021	1520.505
0.998	14.865			
3/23/2016 9:30:00 PM	725400.000	153.524	21.116	354.483
657.963	710.685	0.350	483.266	1519.843
0.998	14.872			
3/23/2016 9:45:00 PM	726300.000	153.500	21.123	354.427
658.285	710.925	0.350	483.429	1519.099
0.998	14.870			
3/23/2016 10:00:00 PM	727200.000	153.510	21.115	354.449
658.682	711.474	0.351	483.803	1518.183
0.998	14.867			
3/23/2016 10:15:00 PM	728100.000	153.491	21.119	354.406
659.328	712.117	0.351	484.239	1516.697
0.998	14.870			
3/23/2016 10:30:00 PM	729000.000	153.493	21.117	354.410
659.846	712.706	0.351	484.640	1515.506
0.998	14.870			
3/23/2016 10:45:00 PM	729900.000	153.490	21.105	354.404
659.769	712.802	0.351	484.705	1515.682
0.998	14.868			
3/23/2016 11:00:00 PM	730800.000	153.494	21.118	354.412
660.346	713.229	0.352	484.996	1514.357
0.998	14.871			
3/23/2016 11:15:00 PM	731700.000	153.502	21.110	354.431
660.623	713.641	0.352	485.276	1513.724
0.998	14.873			
3/23/2016 11:30:00 PM	732600.000	153.501	21.108	354.429
660.583	713.627	0.352	485.267	1513.813
0.998	14.867			
3/23/2016 11:45:00 PM	733500.000	153.503	21.113	354.433
660.727	713.715	0.352	485.326	1513.485
0.998	14.865			

Report Date: 3/24/2016 2:15:08 PM  
Report User Name: KMaker  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP MW-9M\_Append\_2016-03-24\_08-40-28-308.wsl  
Create Date: 3/24/2016 8:40:28 AM

Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-9  
Device Name:  
Serial Number: 410760  
Firmware Version: 2.00  
Hardware Version: 3  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 0  
Used Battery(%): 1

Log Configuration

Log Name: MPWSP MW-9M  
Created By: CShaw  
Computer Name: PROBOOK3  
Application: WinSitu.exe  
Application Version: 5.6.25.0  
Create Date: 7/17/2015 1:20:50 PM Pacific Daylight Time  
Log Setup Time Zone: Pacific Daylight Time  
Notes Size(bytes): 4096  
Overwrite when full: Disabled  
Scheduled Start Time: 7/17/2015 8:30:00 PM Pacific Daylight Time  
Scheduled Stop Time: No Stop Time  
Type: Linear  
Interval: Days: 0 hrs: 00 mins: 15 secs: 00

Level Reference Settings At Log Creation

Level Measurement Mode: Depth  
Specific Gravity: 1.024

Other Log Settings

Depth of Probe: -0.0320346 (ft)  
Head Pressure: -0.0142212 (PSI)  
Temperature: 25.1824 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

Date and Time	Note
7/17/2015 1:21:04 PM	Used Battery: 1% Used Memory: 1% User Name: CShaw
7/17/2015 1:21:34 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:25:28 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:25:28 PM	Device Taken Offline
7/17/2015 1:25:35 PM	Sensor Disabled: 1
7/17/2015 1:26:04 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:26:38 PM	Device Put Online
7/17/2015 1:26:38 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:29:36 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:31:15 PM	Device Taken Offline
7/17/2015 1:32:19 PM	Device Put Online
7/17/2015 1:32:20 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:33:21 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:33:27 PM	Device Taken Offline
7/17/2015 1:34:34 PM	Device Put Online
7/17/2015 1:34:35 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:35:49 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:35:55 PM	Device Taken Offline
7/17/2015 1:37:59 PM	Sensor SN: 410760 Actual conductivity calibration. Cell Constant: 1.0333 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
7/17/2015 1:39:38 PM	Device Put Online
7/17/2015 1:39:39 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:39:41 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:39:46 PM	Device Taken Offline
7/17/2015 1:41:11 PM	Sensor SN: 410760 Actual conductivity calibration. Cell Constant: 1.03308 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
7/17/2015 1:41:19 PM	Device Put Online
7/17/2015 1:41:19 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/17/2015 1:43:47 PM	Sensor SN: 410760 Cache Timeout: 1000 User Name: CShaw
7/17/2015 1:43:53 PM	Device Taken Offline
7/17/2015 1:45:06 PM	Sensor SN: 410760 Actual conductivity calibration. Cell Constant: 1.01925 Cell Offset: 0 Reference Temperature: 25 Temperature Coefficient: 0.0191 User Name: CShaw
7/17/2015 1:46:24 PM	Device Put Online
7/17/2015 1:46:25 PM	Sensor SN: 410760 Cache Timeout: 1750 User Name: CShaw
7/23/2015 3:03:12 PM	Log Download - Used Battery: 2% Used Memory: 1% User Name: KMakar
7/30/2015 3:14:57 PM	Log Download - Used Battery: 2% Used Memory: 3% User Name: BDuarte
8/6/2015 4:56:22 PM	Log Download - Used Battery: 3% Used Memory: 3% User Name: CShaw
8/13/2015 10:19:14 AM	Log Download - Used Battery: 3% Used Memory: 4% User Name: KMakar
8/20/2015 4:11:23 PM	Log Download - Used Battery: 3% Used Memory: 4% User Name: BDuarte Interval - Start Time:
7/30/2015 3:15:00 PM	
8/27/2015 8:32:48 AM	Log Download - Used Battery: 4% Used Memory: 6% User Name: KMakar
9/3/2015 12:34:39 PM	Log Download - Used Battery: 4% Used Memory: 6% User Name: CShaw Interval - Start Time:
8/1/2015 5:30:00 PM	Stop Time: 9/3/2015 12:45:00 PM
9/10/2015 8:48:06 AM	Log Download - Used Battery: 4% Used Memory: 7% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 8:45:00 AM
9/17/2015 8:52:29 AM	Log Download - Used Battery: 5% Used Memory: 7% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 8:52:00 AM
9/24/2015 5:20:50 PM	Log Download - Used Battery: 5% Used Memory: 9% User Name: CShaw Interval - Start Time:
9/1/2015 5:30:00 PM	Stop Time: 9/24/2015 9:00:00 AM

9/24/2015 7:51:21 PM Log Download - Used Battery: 5% Used Memory: 9% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:45:00 PM  
10/1/2015 9:09:29 AM Log Download - Used Battery: 5% Used Memory: 9% User Name: KMakar Interval - Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 9:00:00 AM  
10/8/2015 10:56:12 AM Log Download - Used Battery: 6% Used Memory: 10% User Name: CShaw Interval - Start Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 11:45:00 PM  
10/15/2015 10:36:31 AM Log Download - Used Battery: 6% Used Memory: 10% User Name: KMakar Interval - Start Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 10:45:00 AM  
10/22/2015 9:59:02 AM Log Download - Used Battery: 7% Used Memory: 12% User Name: CShaw Interval - Start Time: 10/1/2015 3:05:00 AM Stop Time: 10/22/2015 5:30:00 PM  
10/29/2015 1:02:30 PM Log Download - Used Battery: 7% Used Memory: 12% User Name: KMakar Interval - Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 1:00:00 PM  
11/5/2015 9:23:03 AM Log Download - Used Battery: 7% Used Memory: 14% User Name: KMakar Interval - Start Time: 10/20/2015 6:15:00 AM Stop Time: 11/5/2015 9:30:00 AM  
11/12/2015 1:20:28 PM Log Download - Used Battery: 8% Used Memory: 14% User Name: CShaw Interval - Start Time: 10/27/2015 11:00:00 AM Stop Time: 11/12/2015 2:00:00 PM  
11/19/2015 10:18:41 AM Log Download - Used Battery: 8% Used Memory: 15% User Name: KMakar Interval - Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 10:30:00 AM  
11/29/2015 10:53:05 AM Log Download - Used Battery: 9% Used Memory: 17% User Name: CShaw Interval - Start Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 11:00:00 AM  
12/3/2015 7:43:20 AM Log Download - Used Battery: 9% Used Memory: 17% User Name: KMakar Interval - Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 7:45:00 AM  
12/10/2015 9:56:12 AM Log Download - Used Battery: 9% Used Memory: 18% User Name: CShaw Interval - Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 10:45:00 AM  
12/17/2015 9:17:42 AM Log Download - Used Battery: 9% Used Memory: 18% User Name: KMakar Interval - Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 9:15:00 AM  
1/3/2016 11:29:31 AM Log Download - Used Battery: 10% Used Memory: 20% User Name: CShaw Interval - Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 12:00:00 PM  
1/7/2016 8:42:47 AM Log Download - Used Battery: 11% Used Memory: 21% User Name: KMakar Interval - Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 8:45:00 AM  
1/14/2016 12:39:45 PM Log Download - Used Battery: 11% Used Memory: 21% User Name: KMakar Interval - Start Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 12:45:00 PM  
1/21/2016 8:44:06 AM Log Download - Used Battery: 11% Used Memory: 23% User Name: KMakar Interval - Start Time: 1/12/2016 12:00:00 PM Stop Time: 1/21/2016 10:00:00 AM  
1/28/2016 8:58:07 AM Log Download - Used Battery: 12% Used Memory: 23% User Name: KMakar Interval - Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 8:45:00 AM  
2/4/2016 10:01:19 AM Log Download - Used Battery: 12% Used Memory: 25% User Name: CShaw Interval - Start Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 10:00:00 AM  
2/11/2016 9:50:23 AM Log Download - Used Battery: 12% Used Memory: 25% User Name: CShaw Interval - Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 10:45:00 AM  
2/18/2016 11:40:59 AM Log Download - Used Battery: 13% Used Memory: 26% User Name: CShaw Interval - Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 11:45:00 AM  
2/25/2016 11:28:41 AM Log Download - Used Battery: 13% Used Memory: 26% User Name: KMakar Interval - Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 11:15:00 AM  
3/3/2016 12:36:53 PM Log Download - Used Battery: 13% Used Memory: 28% User Name: SKuiper Interval - Start Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 1:30:00 PM  
3/10/2016 2:26:27 PM Log Download - Used Battery: 14% Used Memory: 28% User Name: KMakar Interval - Start Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 2:15:00 PM  
3/17/2016 11:06:11 AM Log Download - Used Battery: 14% Used Memory: 29% User Name: SKuiper Interval - Start Time: 3/8/2016 12:00:01 AM Stop Time: 3/17/2016 12:00:00 PM  
3/24/2016 8:39:55 AM Log Download - Used Battery: 14% Used Memory: 29% User Name: KMakar Interval - Start Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 8:30:00 AM

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Log Data:

Record Count: 1723

Sensors: 1

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

Time Zone: Pacific Standard Time/Pacific Daylight Time

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	
Elapsed Time		SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#:	SN#:
410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#:	SN#:
SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#: 410760	SN#:	SN#:
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual		
Conductivity (µS)	Specific Conductivity (µS)	Total Dissolved Solids (ppm)	Salinity (PSU)				
Resistivity (ohm-cm)	Water Density (g/cm3)						
3/17/2016 12:00:00 AM	1335600.000	71.648	16.826	161.394			
38201.563	45268.699	30782.717	29.450	26.177			
1.021							
3/17/2016 12:15:00 AM	1336500.000	71.652	16.820	161.402			
38198.199	45271.008	30784.287	29.452	26.179			
1.021							
3/17/2016 12:30:00 AM	1337400.000	71.634	16.822	161.363			
38186.789	45255.590	30773.803	29.441	26.187			
1.021							
3/17/2016 12:45:00 AM	1338300.000	71.649	16.817	161.397			
38165.496	45235.477	30760.127	29.426	26.202			
1.021							
3/17/2016 1:00:00 AM	1339200.000	71.639	16.824	161.374			
38180.645	45246.512	30767.629	29.434	26.191			
1.021							
3/17/2016 1:15:00 AM	1340100.000	71.648	16.825	161.394			
38169.879	45233.121	30758.525	29.425	26.199			
1.021							
3/17/2016 1:30:00 AM	1341000.000	71.652	16.816	161.403			
38178.453	45251.738	30771.184	29.438	26.193			
1.021							
3/17/2016 1:45:00 AM	1341900.000	71.635	16.814	161.366			
38195.727	45274.191	30786.453	29.454	26.181			
1.021							
3/17/2016 2:00:00 AM	1342800.000	71.649	16.820	161.396			
38177.648	45246.734	30767.781	29.434	26.193			
1.021							
3/17/2016 2:15:00 AM	1343700.000	71.632	16.825	161.359			
38188.531	45254.773	30773.246	29.440	26.186			
1.021							
3/17/2016 2:30:00 AM	1344600.000	71.651	16.826	161.401			
38174.406	45236.520	30760.836	29.427	26.196			
1.021							
3/17/2016 2:45:00 AM	1345500.000	71.653	16.823	161.406			
38175.090	45241.000	30763.881	29.430	26.195			
1.021							
3/17/2016 3:00:00 AM	1346400.000	71.654	16.821	161.408			
38194.801	45266.172	30781.000	29.448	26.182			
1.021							
3/17/2016 3:15:00 AM	1347300.000	71.656	16.820	161.411			



38176.297	45245.484	30766.932	29.433	26.194
1.021				
3/17/2016 3:30:00 AM	1348200.000	71.636	16.815	161.368
38175.395	45249.637	30769.756	29.436	26.195
1.021				
3/17/2016 3:45:00 AM	1349100.000	71.653	16.818	161.406
38192.969	45266.965	30781.537	29.449	26.183
1.021				
3/17/2016 4:00:00 AM	1350000.000	71.642	16.824	161.380
38197.207	45266.500	30781.221	29.449	26.180
1.021				
3/17/2016 4:15:00 AM	1350900.000	71.643	16.826	161.383
38196.836	45263.730	30779.338	29.447	26.180
1.021				
3/17/2016 4:30:00 AM	1351800.000	71.648	16.821	161.394
38162.266	45227.785	30754.896	29.421	26.204
1.021				
3/17/2016 4:45:00 AM	1352700.000	71.659	16.827	161.419
38195.922	45261.023	30777.498	29.445	26.181
1.021				
3/17/2016 5:00:00 AM	1353600.000	71.651	16.821	161.400
38192.633	45263.230	30778.998	29.446	26.183
1.021				
3/17/2016 5:15:00 AM	1354500.000	71.652	16.818	161.402
38182.398	45254.883	30773.320	29.440	26.190
1.021				
3/17/2016 5:30:00 AM	1355400.000	71.672	16.816	161.447
38163.422	45234.188	30759.248	29.425	26.203
1.021				
3/17/2016 5:45:00 AM	1356300.000	71.679	16.825	161.463
38189.176	45255.723	30773.893	29.441	26.185
1.021				
3/17/2016 6:00:00 AM	1357200.000	71.678	16.818	161.462
38176.875	45248.336	30768.871	29.435	26.194
1.021				
3/17/2016 6:15:00 AM	1358100.000	71.684	16.814	161.475
38174.449	45248.867	30769.232	29.435	26.196
1.021				
3/17/2016 6:30:00 AM	1359000.000	71.686	16.830	161.480
38217.984	45284.383	30793.383	29.462	26.166
1.021				
3/17/2016 6:45:00 AM	1359900.000	71.689	16.816	161.487
38163.086	45233.422	30758.729	29.424	26.203
1.021				
3/17/2016 7:00:00 AM	1360800.000	71.673	16.817	161.450
38201.773	45278.832	30789.605	29.457	26.177
1.021				
3/17/2016 7:15:00 AM	1361700.000	71.677	16.818	161.459
38180.938	45252.785	30771.896	29.438	26.191
1.021				
3/17/2016 7:30:00 AM	1362600.000	71.696	16.817	161.502
38171.637	45242.934	30765.195	29.431	26.197
1.021				
3/17/2016 7:45:00 AM	1363500.000	71.698	16.820	161.507
38222.086	45299.668	30803.777	29.472	26.163
1.021				
3/17/2016 8:00:00 AM	1364400.000	71.701	16.821	161.513

38174.520	45242.043	30764.592	29.431	26.195
1.021				
3/17/2016 8:15:00 AM	1365300.000	71.690	16.822	161.488
38179.531	45246.809	30767.832	29.434	26.192
1.021				
3/17/2016 8:30:00 AM	1366200.000	71.708	16.824	161.528
38173.832	45238.801	30762.387	29.429	26.196
1.021				
3/17/2016 8:45:00 AM	1367100.000	71.691	16.827	161.491
38181.613	45244.965	30766.576	29.433	26.191
1.021				
3/17/2016 9:00:00 AM	1368000.000	71.709	16.815	161.532
38194.352	45271.395	30784.549	29.452	26.182
1.021				
3/17/2016 9:15:00 AM	1368900.000	71.693	16.812	161.496
38166.895	45242.438	30764.857	29.431	26.201
1.021				
3/17/2016 9:30:00 AM	1369800.000	71.705	16.827	161.522
38222.625	45292.664	30799.014	29.468	26.163
1.021				
3/17/2016 9:45:00 AM	1370700.000	71.709	16.820	161.530
38181.938	45251.641	30771.117	29.438	26.190
1.021				
3/17/2016 10:00:00 AM	1371600.000	71.696	16.819	161.503
38200.508	45275.355	30787.242	29.455	26.178
1.021				
3/17/2016 10:15:00 AM	1372500.000	71.691	16.821	161.491
38194.711	45266.145	30780.979	29.448	26.182
1.021				
3/17/2016 10:30:00 AM	1373400.000	71.704	16.819	161.521
38190.652	45263.398	30779.111	29.446	26.184
1.021				
3/17/2016 10:45:00 AM	1374300.000	71.692	16.812	161.493
38174.000	45250.859	30770.586	29.437	26.196
1.021				
3/17/2016 11:00:00 AM	1375200.000	71.702	16.821	161.515
38175.340	45243.281	30765.432	29.432	26.195
1.021				
3/17/2016 11:15:00 AM	1376100.000	71.705	16.817	161.522
38194.684	45269.891	30783.527	29.451	26.182
1.021				
3/17/2016 11:30:00 AM	1377000.000	71.702	16.814	161.515
38193.578	45271.730	30784.779	29.452	26.182
1.021				
3/17/2016 11:45:00 AM	1377900.000	71.681	16.811	161.468
38163.285	45239.605	30762.934	29.429	26.203
1.021				
3/17/2016 12:00:00 PM	1378800.000	71.678	16.818	161.462
38179.094	45250.250	30770.172	29.437	26.192
1.021				
3/17/2016 12:15:00 PM	1379700.000	71.689	16.820	161.486
38179.625	45249.164	30769.434	29.436	26.192
1.021				
3/17/2016 12:30:00 PM	1380600.000	71.672	16.817	161.448
38207.070	45284.750	30793.633	29.462	26.173
1.021				
3/17/2016 12:45:00 PM	1381500.000	71.681	16.821	161.469

38186.332	45256.043	30774.111	29.441	26.187
1.021				
3/17/2016 1:00:00 PM	1382400.000	71.679	16.814	161.464
38155.316	45226.645	30754.119	29.419	26.209
1.021				
3/17/2016 1:15:00 PM	1383300.000	71.659	16.825	161.420
38195.047	45262.594	30778.566	29.446	26.181
1.021				
3/17/2016 1:30:00 PM	1384200.000	71.673	16.823	161.450
38184.090	45251.309	30770.891	29.438	26.189
1.021				
3/17/2016 1:45:00 PM	1385100.000	71.662	16.821	161.425
38190.043	45261.066	30777.527	29.445	26.185
1.021				
3/17/2016 2:00:00 PM	1386000.000	71.661	16.821	161.424
38171.008	45238.055	30761.879	29.428	26.198
1.021				
3/17/2016 2:15:00 PM	1386900.000	71.653	16.824	161.405
38174.457	45238.820	30762.400	29.429	26.196
1.021				
3/17/2016 2:30:00 PM	1387800.000	71.650	16.826	161.398
38198.000	45265.188	30780.328	29.448	26.179
1.021				
3/17/2016 2:45:00 PM	1388700.000	71.631	16.815	161.356
38176.441	45251.051	30770.715	29.437	26.194
1.021				
3/17/2016 3:00:00 PM	1389600.000	71.643	16.812	161.383
38190.668	45270.266	30783.783	29.451	26.184
1.021				
3/17/2016 3:15:00 PM	1390500.000	71.638	16.828	161.371
38195.922	45260.219	30776.951	29.444	26.181
1.021				
3/17/2016 3:30:00 PM	1391400.000	71.627	16.822	161.346
38190.469	45260.047	30776.832	29.444	26.185
1.021				
3/17/2016 3:45:00 PM	1392300.000	71.632	16.816	161.357
38187.406	45263.063	30778.885	29.446	26.187
1.021				
3/17/2016 4:00:00 PM	1393200.000	71.605	16.818	161.297
38185.336	45258.281	30775.633	29.442	26.188
1.021				
3/17/2016 4:15:00 PM	1394100.000	71.606	16.817	161.298
38164.914	45234.605	30759.533	29.425	26.202
1.021				
3/17/2016 4:30:00 PM	1395000.000	71.604	16.808	161.295
38147.969	45223.957	30752.293	29.417	26.214
1.021				
3/17/2016 4:45:00 PM	1395900.000	71.612	16.830	161.312
38212.750	45277.992	30789.035	29.457	26.169
1.021				
3/17/2016 5:00:00 PM	1396800.000	71.614	16.820	161.318
38183.285	45254.051	30772.754	29.439	26.189
1.021				
3/17/2016 5:15:00 PM	1397700.000	71.618	16.822	161.326
38219.434	45294.906	30800.539	29.469	26.165
1.021				
3/17/2016 5:30:00 PM	1398600.000	71.612	16.821	161.312

38182.508	45251.605	30771.094	29.438	26.190
1.021				
3/17/2016 5:45:00 PM	1399500.000	71.617	16.823	161.325
38184.621	45251.664	30771.133	29.438	26.189
1.021				
3/17/2016 6:00:00 PM	1400400.000	71.595	16.828	161.274
38174.313	45234.965	30759.779	29.426	26.196
1.021				
3/17/2016 6:15:00 PM	1401300.000	71.611	16.832	161.311
38183.457	45241.043	30763.912	29.431	26.189
1.021				
3/17/2016 6:30:00 PM	1402200.000	71.613	16.824	161.316
38200.797	45270.488	30783.934	29.452	26.177
1.021				
3/17/2016 6:45:00 PM	1403100.000	71.609	16.835	161.305
38186.039	45241.672	30764.340	29.431	26.188
1.021				
3/17/2016 7:00:00 PM	1404000.000	71.612	16.828	161.312
38207.516	45274.309	30786.531	29.455	26.173
1.021				
3/17/2016 7:15:00 PM	1404900.000	71.615	16.823	161.319
38194.113	45263.734	30779.340	29.447	26.182
1.021				
3/17/2016 7:30:00 PM	1405800.000	71.619	16.817	161.330
38205.293	45283.277	30792.631	29.460	26.174
1.021				
3/17/2016 7:45:00 PM	1406700.000	71.607	16.821	161.301
38187.457	45257.469	30775.080	29.442	26.187
1.021				
3/17/2016 8:00:00 PM	1407600.000	71.626	16.818	161.344
38202.883	45278.621	30789.465	29.457	26.176
1.021				
3/17/2016 8:15:00 PM	1408500.000	71.612	16.818	161.313
38179.363	45250.746	30770.510	29.437	26.192
1.021				
3/17/2016 8:30:00 PM	1409400.000	71.610	16.814	161.308
38153.328	45224.387	30752.586	29.418	26.210
1.021				
3/17/2016 8:45:00 PM	1410300.000	71.627	16.825	161.346
38161.406	45222.277	30751.150	29.417	26.204
1.021				
3/17/2016 9:00:00 PM	1411200.000	71.629	16.827	161.352
38167.156	45227.645	30754.801	29.421	26.201
1.021				
3/17/2016 9:15:00 PM	1412100.000	71.638	16.824	161.371
38169.180	45233.195	30758.574	29.425	26.199
1.021				
3/17/2016 9:30:00 PM	1413000.000	71.637	16.831	161.369
38195.957	45257.297	30774.965	29.442	26.181
1.021				
3/17/2016 9:45:00 PM	1413900.000	71.638	16.815	161.372
38173.328	45246.477	30767.605	29.434	26.196
1.021				
3/17/2016 10:00:00 PM	1414800.000	71.626	16.819	161.345
38213.859	45290.371	30797.455	29.466	26.169
1.021				
3/17/2016 10:15:00 PM	1415700.000	71.643	16.823	161.383

38156.848	45219.656	30749.369	29.415	26.208
1.021				
3/17/2016 10:30:00 PM	1416600.000	71.630	16.823	161.354
38202.746	45273.332	30785.865	29.454	26.176
1.021				
3/17/2016 10:45:00 PM	1417500.000	71.630	16.825	161.353
38168.785	45231.652	30757.525	29.424	26.199
1.021				
3/17/2016 11:00:00 PM	1418400.000	71.645	16.815	161.387
38178.105	45252.672	30771.818	29.438	26.193
1.021				
3/17/2016 11:15:00 PM	1419300.000	71.637	16.815	161.369
38194.043	45271.031	30784.301	29.452	26.182
1.021				
3/17/2016 11:30:00 PM	1420200.000	71.649	16.826	161.397
38162.609	45223.070	30751.689	29.417	26.204
1.021				
3/17/2016 11:45:00 PM	1421100.000	71.634	16.812	161.363
38170.160	45246.137	30767.375	29.433	26.198
1.021				
3/18/2016 12:00:00 AM	1422000.000	71.653	16.818	161.406
38209.566	45286.809	30795.031	29.463	26.171
1.021				
3/18/2016 12:15:00 AM	1422900.000	71.655	16.818	161.410
38155.563	45222.359	30751.207	29.416	26.208
1.021				
3/18/2016 12:30:00 AM	1423800.000	71.653	16.819	161.405
38184.484	45256.000	30774.082	29.441	26.189
1.021				
3/18/2016 12:45:00 AM	1424700.000	71.652	16.816	161.404
38193.598	45270.313	30783.813	29.451	26.182
1.021				
3/18/2016 1:00:00 AM	1425600.000	71.634	16.814	161.363
38173.406	45248.359	30768.887	29.435	26.196
1.021				
3/18/2016 1:15:00 AM	1426500.000	71.655	16.819	161.410
38191.707	45264.477	30779.844	29.447	26.184
1.021				
3/18/2016 1:30:00 AM	1427400.000	71.637	16.819	161.370
38162.887	45230.227	30756.555	29.422	26.203
1.021				
3/18/2016 1:45:00 AM	1428300.000	71.648	16.818	161.394
38198.059	45273.078	30785.693	29.453	26.179
1.021				
3/18/2016 2:00:00 AM	1429200.000	71.636	16.821	161.367
38228.465	45306.148	30808.184	29.477	26.159
1.021				
3/18/2016 2:15:00 AM	1430100.000	71.644	16.806	161.385
38164.020	45245.141	30766.697	29.432	26.203
1.021				
3/18/2016 2:30:00 AM	1431000.000	71.646	16.824	161.390
38208.484	45279.234	30789.881	29.458	26.172
1.021				
3/18/2016 2:45:00 AM	1431900.000	71.646	16.820	161.390
38212.156	45287.633	30795.592	29.464	26.170
1.021				
3/18/2016 3:00:00 AM	1432800.000	71.647	16.817	161.392

38171.637	45243.301	30765.447	29.432	26.197
1.021				
3/18/2016 3:15:00 AM	1433700.000	71.646	16.817	161.390
38199.926	45276.914	30788.303	29.456	26.178
1.021				
3/18/2016 3:30:00 AM	1434600.000	71.632	16.810	161.357
38166.617	45244.359	30766.164	29.432	26.201
1.021				
3/18/2016 3:45:00 AM	1435500.000	71.649	16.824	161.396
38187.137	45253.754	30772.555	29.440	26.187
1.021				
3/18/2016 4:00:00 AM	1436400.000	71.649	16.824	161.395
38207.957	45278.609	30789.457	29.458	26.173
1.021				
3/18/2016 4:15:00 AM	1437300.000	71.647	16.814	161.392
38204.641	45284.930	30793.752	29.462	26.175
1.021				
3/18/2016 4:30:00 AM	1438200.000	71.644	16.818	161.385
38158.387	45226.152	30753.785	29.419	26.207
1.021				
3/18/2016 4:45:00 AM	1439100.000	71.648	16.816	161.393
38180.750	45254.539	30773.086	29.440	26.191
1.021				
3/18/2016 5:00:00 AM	1440000.000	71.652	16.819	161.402
38171.168	45240.766	30763.721	29.430	26.198
1.021				
3/18/2016 5:15:00 AM	1440900.000	71.647	16.814	161.392
38164.496	45237.172	30761.277	29.427	26.202
1.021				
3/18/2016 5:30:00 AM	1441800.000	71.652	16.816	161.402
38191.652	45268.008	30782.248	29.449	26.184
1.021				
3/18/2016 5:45:00 AM	1442700.000	71.652	16.815	161.403
38195.551	45272.816	30785.518	29.453	26.181
1.021				
3/18/2016 6:00:00 AM	1443600.000	71.636	16.820	161.368
38200.074	45273.844	30786.217	29.454	26.178
1.021				
3/18/2016 6:15:00 AM	1444500.000	71.659	16.814	161.419
38180.793	45257.297	30774.965	29.441	26.191
1.021				
3/18/2016 6:30:00 AM	1445400.000	71.657	16.821	161.414
38181.043	45250.219	30770.148	29.437	26.191
1.021				
3/18/2016 6:45:00 AM	1446300.000	71.643	16.827	161.384
38171.020	45232.414	30758.043	29.424	26.198
1.021				
3/18/2016 7:00:00 AM	1447200.000	71.664	16.824	161.430
38153.762	45214.383	30745.783	29.411	26.210
1.021				
3/18/2016 7:15:00 AM	1448100.000	71.666	16.821	161.435
38207.988	45282.336	30791.990	29.460	26.173
1.021				
3/18/2016 7:30:00 AM	1449000.000	71.652	16.817	161.404
38207.363	45285.191	30793.932	29.462	26.173
1.021				
3/18/2016 7:45:00 AM	1449900.000	71.671	16.820	161.445

38198.527	45271.395	30784.549	29.452	26.179
1.021				
3/18/2016 8:00:00 AM	1450800.000	71.658	16.809	161.416
38168.844	45247.891	30768.568	29.434	26.199
1.021				
3/18/2016 8:15:00 AM	1451700.000	71.663	16.814	161.428
38168.988	45242.395	30764.830	29.431	26.199
1.021				
3/18/2016 8:30:00 AM	1452600.000	71.664	16.819	161.430
38178.938	45248.984	30769.313	29.436	26.192
1.021				
3/18/2016 8:45:00 AM	1453500.000	71.666	16.821	161.434
38196.574	45268.273	30782.428	29.450	26.180
1.021				
3/18/2016 9:00:00 AM	1454400.000	71.682	16.815	161.470
38179.539	45253.840	30772.613	29.439	26.192
1.021				
3/18/2016 9:15:00 AM	1455300.000	71.668	16.818	161.439
38199.266	45274.508	30786.666	29.454	26.179
1.021				
3/18/2016 9:30:00 AM	1456200.000	71.672	16.820	161.448
38209.629	45285.273	30793.986	29.462	26.171
1.021				
3/18/2016 9:45:00 AM	1457100.000	71.690	16.813	161.488
38178.055	45254.141	30772.818	29.439	26.193
1.021				
3/18/2016 10:00:00 AM	1458000.000	71.672	16.813	161.447
38171.859	45247.695	30768.434	29.434	26.197
1.021				
3/18/2016 10:15:00 AM	1458900.000	71.687	16.819	161.482
38202.063	45276.578	30788.076	29.456	26.177
1.021				
3/18/2016 10:30:00 AM	1459800.000	71.676	16.818	161.458
38205.340	45282.074	30791.813	29.460	26.174
1.021				
3/18/2016 10:45:00 AM	1460700.000	71.669	16.818	161.441
38186.176	45258.820	30776.000	29.443	26.187
1.021				
3/18/2016 11:00:00 AM	1461600.000	71.689	16.823	161.486
38177.914	45243.816	30765.797	29.432	26.193
1.021				
3/18/2016 11:15:00 AM	1462500.000	71.691	16.833	161.490
38184.793	45242.172	30764.680	29.432	26.188
1.021				
3/18/2016 11:30:00 AM	1463400.000	71.689	16.819	161.486
38174.418	45244.254	30766.096	29.432	26.196
1.021				
3/18/2016 11:45:00 AM	1464300.000	71.686	16.814	161.479
38195.484	45273.801	30786.186	29.453	26.181
1.021				
3/18/2016 12:00:00 PM	1465200.000	71.683	16.821	161.473
38164.188	45230.063	30756.445	29.422	26.203
1.021				
3/18/2016 12:15:00 PM	1466100.000	71.684	16.824	161.475
38184.324	45250.781	30770.533	29.437	26.189
1.021				
3/18/2016 12:30:00 PM	1467000.000	71.660	16.815	161.421

38216.250	45297.523	30802.318	29.471	26.167
1.021				
3/18/2016 12:45:00 PM	1467900.000	71.673	16.825	161.450
38169.023	45231.125	30757.168	29.423	26.199
1.021				
3/18/2016 1:00:00 PM	1468800.000	71.655	16.819	161.410
38186.246	45257.645	30775.199	29.442	26.187
1.021				
3/18/2016 1:15:00 PM	1469700.000	71.660	16.819	161.422
38138.941	45202.387	30737.625	29.402	26.220
1.021				
3/18/2016 1:30:00 PM	1470600.000	71.647	16.823	161.391
38192.738	45262.105	30778.234	29.445	26.183
1.021				
3/18/2016 1:45:00 PM	1471500.000	71.640	16.819	161.376
38199.559	45273.516	30785.992	29.454	26.178
1.021				
3/18/2016 2:00:00 PM	1472400.000	71.650	16.822	161.399
38196.977	45267.934	30782.195	29.450	26.180
1.021				
3/18/2016 2:15:00 PM	1473300.000	71.645	16.825	161.387
38166.094	45227.910	30754.980	29.421	26.201
1.021				
3/18/2016 2:30:00 PM	1474200.000	71.626	16.815	161.344
38203.617	45283.090	30792.504	29.460	26.176
1.021				
3/18/2016 2:45:00 PM	1475100.000	71.619	16.824	161.328
38198.215	45267.336	30781.789	29.449	26.179
1.021				
3/18/2016 3:00:00 PM	1476000.000	71.628	16.825	161.348
38193.344	45260.391	30777.066	29.444	26.183
1.021				
3/18/2016 3:15:00 PM	1476900.000	71.629	16.824	161.351
38215.922	45288.680	30796.305	29.465	26.167
1.021				
3/18/2016 3:30:00 PM	1477800.000	71.627	16.819	161.346
38192.531	45266.086	30780.941	29.448	26.183
1.021				
3/18/2016 3:45:00 PM	1478700.000	71.613	16.815	161.316
38192.883	45270.277	30783.791	29.451	26.183
1.021				
3/18/2016 4:00:00 PM	1479600.000	71.611	16.811	161.311
38219.207	45305.441	30807.703	29.476	26.165
1.021				
3/18/2016 4:15:00 PM	1480500.000	71.608	16.815	161.304
38168.539	45241.152	30763.986	29.430	26.200
1.021				
3/18/2016 4:30:00 PM	1481400.000	71.591	16.821	161.265
38180.180	45248.660	30769.090	29.436	26.192
1.021				
3/18/2016 4:45:00 PM	1482300.000	71.584	16.819	161.249
38177.441	45248.016	30768.652	29.435	26.193
1.021				
3/18/2016 5:00:00 PM	1483200.000	71.598	16.830	161.281
38208.426	45273.238	30785.805	29.454	26.172
1.021				
3/18/2016 5:15:00 PM	1484100.000	71.593	16.825	161.269



38209.254	45279.430	30790.012	29.458	26.172
1.021				
3/18/2016 5:30:00 PM	1485000.000	71.591	16.821	161.266
38173.496	45241.004	30763.883	29.430	26.196
1.021				
3/18/2016 5:45:00 PM	1485900.000	71.590	16.827	161.264
38183.156	45245.801	30767.145	29.434	26.190
1.021				
3/18/2016 6:00:00 PM	1486800.000	71.585	16.823	161.253
38171.793	45237.281	30761.352	29.428	26.197
1.021				
3/18/2016 6:15:00 PM	1487700.000	71.569	16.823	161.216
38188.395	45256.691	30774.551	29.442	26.186
1.021				
3/18/2016 6:30:00 PM	1488600.000	71.570	16.819	161.218
38192.523	45265.441	30780.502	29.448	26.183
1.021				
3/18/2016 6:45:00 PM	1489500.000	71.584	16.819	161.250
38189.980	45262.602	30778.572	29.446	26.185
1.021				
3/18/2016 7:00:00 PM	1490400.000	71.567	16.824	161.212
38224.172	45297.738	30802.463	29.471	26.161
1.021				
3/18/2016 7:15:00 PM	1491300.000	71.567	16.820	161.212
38214.000	45289.734	30797.021	29.465	26.168
1.021				
3/18/2016 7:30:00 PM	1492200.000	71.586	16.822	161.254
38205.789	45278.375	30789.297	29.457	26.174
1.021				
3/18/2016 7:45:00 PM	1493100.000	71.568	16.814	161.214
38185.293	45262.098	30778.229	29.445	26.188
1.021				
3/18/2016 8:00:00 PM	1494000.000	71.584	16.817	161.251
38180.980	45253.828	30772.605	29.439	26.191
1.021				
3/18/2016 8:15:00 PM	1494900.000	71.589	16.815	161.262
38189.828	45266.387	30781.143	29.448	26.185
1.021				
3/18/2016 8:30:00 PM	1495800.000	71.590	16.821	161.263
38194.430	45266.172	30781.000	29.448	26.182
1.021				
3/18/2016 8:45:00 PM	1496700.000	71.591	16.816	161.265
38179.547	45253.566	30772.426	29.439	26.192
1.021				
3/18/2016 9:00:00 PM	1497600.000	71.591	16.821	161.266
38184.613	45254.449	30773.027	29.440	26.189
1.021				
3/18/2016 9:15:00 PM	1498500.000	71.594	16.821	161.272
38189.148	45259.289	30776.318	29.443	26.185
1.021				
3/18/2016 9:30:00 PM	1499400.000	71.596	16.823	161.278
38173.832	45239.602	30762.932	29.429	26.196
1.021				
3/18/2016 9:45:00 PM	1500300.000	71.603	16.810	161.294
38183.434	45264.293	30779.721	29.446	26.189
1.021				
3/18/2016 10:00:00 PM	1501200.000	71.586	16.825	161.253

38194.457	45261.895	30778.090	29.445	26.182
1.021				
3/18/2016 10:15:00 PM	1502100.000	71.606	16.825	161.300
38171.563	45234.945	30759.766	29.426	26.198
1.021				
3/18/2016 10:30:00 PM	1503000.000	71.607	16.829	161.301
38166.480	45224.426	30752.611	29.419	26.201
1.021				
3/18/2016 10:45:00 PM	1503900.000	71.608	16.826	161.304
38219.734	45290.762	30797.721	29.466	26.164
1.021				
3/18/2016 11:00:00 PM	1504800.000	71.612	16.817	161.314
38219.535	45299.523	30803.676	29.472	26.165
1.021				
3/18/2016 11:15:00 PM	1505700.000	71.613	16.823	161.316
38206.176	45277.582	30788.758	29.457	26.174
1.021				
3/18/2016 11:30:00 PM	1506600.000	71.612	16.829	161.312
38192.602	45255.547	30773.773	29.441	26.183
1.021				
3/18/2016 11:45:00 PM	1507500.000	71.599	16.820	161.285
38205.754	45280.133	30790.490	29.458	26.174
1.021				
3/19/2016 12:00:00 AM	1508400.000	71.617	16.818	161.325
38183.844	45256.594	30774.486	29.441	26.189
1.021				
3/19/2016 12:15:00 AM	1509300.000	71.603	16.818	161.292
38193.148	45267.813	30782.113	29.449	26.183
1.021				
3/19/2016 12:30:00 AM	1510200.000	71.599	16.819	161.283
38179.270	45249.906	30769.939	29.436	26.192
1.021				
3/19/2016 12:45:00 AM	1511100.000	71.602	16.815	161.289
38178.578	45252.871	30771.955	29.438	26.193
1.021				
3/19/2016 1:00:00 AM	1512000.000	71.600	16.820	161.287
38138.355	45200.699	30736.479	29.401	26.220
1.021				
3/19/2016 1:15:00 AM	1512900.000	71.616	16.831	161.321
38186.332	45245.891	30767.207	29.434	26.187
1.021				
3/19/2016 1:30:00 AM	1513800.000	71.602	16.821	161.289
38193.719	45265.328	30780.426	29.448	26.182
1.021				
3/19/2016 1:45:00 AM	1514700.000	71.601	16.820	161.288
38189.711	45261.664	30777.934	29.445	26.185
1.021				
3/19/2016 2:00:00 AM	1515600.000	71.599	16.811	161.284
38180.621	45259.344	30776.355	29.443	26.191
1.021				
3/19/2016 2:15:00 AM	1516500.000	71.610	16.817	161.309
38208.496	45286.535	30794.846	29.463	26.172
1.021				
3/19/2016 2:30:00 AM	1517400.000	71.609	16.816	161.306
38174.434	45246.875	30767.875	29.434	26.196
1.021				
3/19/2016 2:45:00 AM	1518300.000	71.590	16.814	161.264

38211.848	45293.754	30799.756	29.468	26.170
1.021				
3/19/2016 3:00:00 AM	1519200.000	71.605	16.819	161.297
38186.691	45258.266	30775.623	29.443	26.187
1.021				
3/19/2016 3:15:00 AM	1520100.000	71.605	16.819	161.298
38179.578	45250.273	30770.188	29.437	26.192
1.021				
3/19/2016 3:30:00 AM	1521000.000	71.604	16.823	161.296
38183.918	45250.828	30770.563	29.437	26.189
1.021				
3/19/2016 3:45:00 AM	1521900.000	71.602	16.818	161.290
38204.512	45280.727	30790.895	29.459	26.175
1.021				
3/19/2016 4:00:00 AM	1522800.000	71.601	16.816	161.289
38165.598	45236.855	30761.064	29.427	26.202
1.021				
3/19/2016 4:15:00 AM	1523700.000	71.601	16.816	161.289
38205.543	45283.848	30793.018	29.461	26.174
1.021				
3/19/2016 4:30:00 AM	1524600.000	71.599	16.818	161.284
38175.027	45245.430	30766.893	29.433	26.195
1.021				
3/19/2016 4:45:00 AM	1525500.000	71.596	16.824	161.276
38178.754	45244.273	30766.107	29.433	26.193
1.021				
3/19/2016 5:00:00 AM	1526400.000	71.598	16.817	161.282
38202.309	45279.652	30790.164	29.458	26.176
1.021				
3/19/2016 5:15:00 AM	1527300.000	71.597	16.819	161.279
38211.598	45288.051	30795.875	29.464	26.170
1.021				
3/19/2016 5:30:00 AM	1528200.000	71.581	16.816	161.244
38196.781	45273.645	30786.080	29.453	26.180
1.021				
3/19/2016 5:45:00 AM	1529100.000	71.594	16.825	161.272
38189.809	45256.117	30774.162	29.441	26.185
1.021				
3/19/2016 6:00:00 AM	1530000.000	71.601	16.815	161.288
38192.281	45269.750	30783.432	29.451	26.183
1.021				
3/19/2016 6:15:00 AM	1530900.000	71.598	16.817	161.282
38160.098	45229.621	30756.145	29.422	26.205
1.021				
3/19/2016 6:30:00 AM	1531800.000	71.585	16.823	161.252
38214.586	45287.277	30795.352	29.464	26.168
1.021				
3/19/2016 6:45:00 AM	1532700.000	71.599	16.821	161.284
38170.410	45237.172	30761.277	29.427	26.198
1.021				
3/19/2016 7:00:00 AM	1533600.000	71.603	16.821	161.292
38218.863	45294.691	30800.393	29.469	26.165
1.021				
3/19/2016 7:15:00 AM	1534500.000	71.588	16.821	161.259
38173.895	45241.023	30763.898	29.430	26.196
1.021				
3/19/2016 7:30:00 AM	1535400.000	71.606	16.815	161.299

38203.992	45283.535	30792.807	29.461	26.175
1.021				
3/19/2016 7:45:00 AM	1536300.000	71.607	16.828	161.301
38193.359	45257.711	30775.246	29.443	26.183
1.021				
3/19/2016 8:00:00 AM	1537200.000	71.611	16.820	161.310
38204.516	45278.398	30789.313	29.457	26.175
1.021				
3/19/2016 8:15:00 AM	1538100.000	71.600	16.817	161.286
38222.766	45303.086	30806.102	29.475	26.162
1.021				
3/19/2016 8:30:00 AM	1539000.000	71.600	16.817	161.287
38199.039	45275.137	30787.096	29.455	26.179
1.021				
3/19/2016 8:45:00 AM	1539900.000	71.621	16.818	161.333
38184.832	45257.051	30774.795	29.442	26.188
1.021				
3/19/2016 9:00:00 AM	1540800.000	71.628	16.820	161.348
38171.793	45239.711	30763.006	29.429	26.197
1.021				
3/19/2016 9:15:00 AM	1541700.000	71.614	16.823	161.318
38196.230	45265.422	30780.486	29.448	26.181
1.021				
3/19/2016 9:30:00 AM	1542600.000	71.619	16.819	161.328
38166.582	45234.965	30759.779	29.426	26.201
1.021				
3/19/2016 9:45:00 AM	1543500.000	71.642	16.818	161.380
38184.742	45257.848	30775.338	29.442	26.188
1.021				
3/19/2016 10:00:00 AM	1544400.000	71.621	16.816	161.333
38174.676	45247.527	30768.320	29.435	26.195
1.021				
3/19/2016 10:15:00 AM	1545300.000	71.642	16.813	161.381
38173.879	45250.090	30770.061	29.436	26.196
1.021				
3/19/2016 10:30:00 AM	1546200.000	71.645	16.818	161.387
38166.738	45236.320	30760.699	29.427	26.201
1.021				
3/19/2016 10:45:00 AM	1547100.000	71.642	16.822	161.381
38191.602	45261.734	30777.982	29.445	26.184
1.021				
3/19/2016 11:00:00 AM	1548000.000	71.648	16.818	161.394
38200.641	45275.965	30787.656	29.455	26.178
1.021				
3/19/2016 11:15:00 AM	1548900.000	71.649	16.818	161.395
38196.621	45271.203	30784.420	29.452	26.180
1.021				
3/19/2016 11:30:00 AM	1549800.000	71.635	16.821	161.364
38192.230	45263.301	30779.047	29.446	26.183
1.021				
3/19/2016 11:45:00 AM	1550700.000	71.633	16.814	161.360
38201.129	45280.680	30790.865	29.458	26.177
1.021				
3/19/2016 12:00:00 PM	1551600.000	71.649	16.821	161.395
38189.234	45259.926	30776.750	29.444	26.185
1.021				
3/19/2016 12:15:00 PM	1552500.000	71.653	16.820	161.405

38179.395	45248.535	30769.004	29.436	26.192
1.021				
3/19/2016 12:30:00 PM	1553400.000	71.632	16.818	161.358
38189.262	45262.832	30778.729	29.446	26.185
1.021				
3/19/2016 12:45:00 PM	1554300.000	71.629	16.816	161.352
38198.969	45276.508	30788.027	29.456	26.179
1.021				
3/19/2016 1:00:00 PM	1555200.000	71.628	16.814	161.349
38192.930	45270.695	30784.072	29.451	26.183
1.021				
3/19/2016 1:15:00 PM	1556100.000	71.643	16.819	161.384
38147.953	45212.707	30744.643	29.410	26.214
1.021				
3/19/2016 1:30:00 PM	1557000.000	71.622	16.812	161.337
38194.227	45274.836	30786.891	29.454	26.182
1.021				
3/19/2016 1:45:00 PM	1557900.000	71.639	16.819	161.373
38151.039	45216.363	30747.127	29.412	26.212
1.021				
3/19/2016 2:00:00 PM	1558800.000	71.631	16.815	161.356
38187.168	45263.688	30779.311	29.446	26.187
1.021				
3/19/2016 2:15:00 PM	1559700.000	71.629	16.820	161.352
38193.691	45266.281	30781.074	29.448	26.182
1.021				
3/19/2016 2:30:00 PM	1560600.000	71.606	16.826	161.300
38209.344	45278.727	30789.537	29.458	26.172
1.021				
3/19/2016 2:45:00 PM	1561500.000	71.604	16.814	161.295
38191.883	45269.457	30783.232	29.450	26.184
1.021				
3/19/2016 3:00:00 PM	1562400.000	71.615	16.835	161.319
38205.961	45265.273	30780.389	29.448	26.174
1.021				
3/19/2016 3:15:00 PM	1563300.000	71.599	16.816	161.284
38219.492	45300.199	30804.139	29.473	26.165
1.021				
3/19/2016 3:30:00 PM	1564200.000	71.608	16.820	161.303
38214.137	45290.613	30797.619	29.466	26.168
1.021				
3/19/2016 3:45:00 PM	1565100.000	71.607	16.814	161.301
38177.184	45252.836	30771.932	29.438	26.194
1.021				
3/19/2016 4:00:00 PM	1566000.000	71.599	16.819	161.285
38209.340	45285.547	30794.174	29.462	26.172
1.021				
3/19/2016 4:15:00 PM	1566900.000	71.596	16.822	161.276
38203.523	45276.051	30787.717	29.456	26.176
1.021				
3/19/2016 4:30:00 PM	1567800.000	71.588	16.815	161.258
38207.254	45286.766	30795.002	29.463	26.173
1.021				
3/19/2016 4:45:00 PM	1568700.000	71.587	16.819	161.256
38150.266	45215.629	30746.629	29.412	26.212
1.021				
3/19/2016 5:00:00 PM	1569600.000	71.581	16.818	161.244

38161.375	45229.250	30755.893	29.421	26.205
1.021				
3/19/2016 5:15:00 PM	1570500.000	71.559	16.823	161.195
38206.676	45278.707	30789.521	29.457	26.173
1.021				
3/19/2016 5:30:00 PM	1571400.000	71.553	16.830	161.180
38214.438	45280.617	30790.820	29.459	26.168
1.021				
3/19/2016 5:45:00 PM	1572300.000	71.572	16.829	161.222
38184.391	45245.996	30767.279	29.434	26.189
1.021				
3/19/2016 6:00:00 PM	1573200.000	71.566	16.825	161.209
38180.543	45245.137	30766.695	29.433	26.191
1.021				
3/19/2016 6:15:00 PM	1574100.000	71.565	16.818	161.207
38185.973	45258.582	30775.838	29.443	26.188
1.021				
3/19/2016 6:30:00 PM	1575000.000	71.544	16.823	161.160
38194.703	45263.984	30779.510	29.447	26.182
1.021				
3/19/2016 6:45:00 PM	1575900.000	71.563	16.818	161.203
38182.688	45255.223	30773.553	29.440	26.190
1.021				
3/19/2016 7:00:00 PM	1576800.000	71.562	16.815	161.201
38180.559	45255.398	30773.674	29.440	26.191
1.021				
3/19/2016 7:15:00 PM	1577700.000	71.566	16.811	161.210
38182.125	45261.391	30777.748	29.444	26.190
1.021				
3/19/2016 7:30:00 PM	1578600.000	71.546	16.819	161.163
38162.512	45230.141	30756.498	29.422	26.204
1.021				
3/19/2016 7:45:00 PM	1579500.000	71.546	16.821	161.164
38189.223	45259.914	30776.742	29.444	26.185
1.021				
3/19/2016 8:00:00 PM	1580400.000	71.559	16.818	161.194
38179.484	45251.063	30770.723	29.437	26.192
1.021				
3/19/2016 8:15:00 PM	1581300.000	71.547	16.821	161.166
38226.402	45303.977	30806.707	29.476	26.160
1.021				
3/19/2016 8:30:00 PM	1582200.000	71.547	16.816	161.167
38164.090	45235.426	30760.092	29.426	26.203
1.021				
3/19/2016 8:45:00 PM	1583100.000	71.565	16.813	161.207
38172.992	45248.594	30769.047	29.435	26.197
1.021				
3/19/2016 9:00:00 PM	1584000.000	71.568	16.815	161.214
38174.793	45249.020	30769.334	29.436	26.195
1.021				
3/19/2016 9:15:00 PM	1584900.000	71.566	16.821	161.209
38178.145	45246.160	30767.389	29.434	26.193
1.021				
3/19/2016 9:30:00 PM	1585800.000	71.559	16.825	161.193
38183.258	45248.711	30769.125	29.436	26.189
1.021				
3/19/2016 9:45:00 PM	1586700.000	71.571	16.822	161.220

38201.406	45273.008	30785.648	29.453	26.177
1.021				
3/19/2016 10:00:00 PM	1587600.000	71.573	16.820	161.225
38176.441	45245.656	30767.049	29.433	26.194
1.021				
3/19/2016 10:15:00 PM	1588500.000	71.556	16.816	161.187
38194.926	45271.531	30784.641	29.452	26.181
1.021				
3/19/2016 10:30:00 PM	1589400.000	71.562	16.819	161.200
38196.281	45270.070	30783.650	29.451	26.181
1.021				
3/19/2016 10:45:00 PM	1590300.000	71.584	16.811	161.250
38178.270	45257.266	30774.943	29.441	26.193
1.021				
3/19/2016 11:00:00 PM	1591200.000	71.586	16.817	161.253
38201.301	45277.555	30788.740	29.456	26.177
1.021				
3/19/2016 11:15:00 PM	1592100.000	71.572	16.818	161.222
38177.570	45248.715	30769.129	29.436	26.193
1.021				
3/19/2016 11:30:00 PM	1593000.000	71.588	16.816	161.259
38176.309	45249.906	30769.939	29.436	26.194
1.021				
3/19/2016 11:45:00 PM	1593900.000	71.576	16.821	161.231
38210.805	45285.398	30794.070	29.462	26.171
1.021				
3/20/2016 12:00:00 AM	1594800.000	71.587	16.821	161.256
38207.594	45281.242	30791.246	29.459	26.173
1.021				
3/20/2016 12:15:00 AM	1595700.000	71.575	16.819	161.230
38173.535	45242.938	30765.199	29.431	26.196
1.021				
3/20/2016 12:30:00 AM	1596600.000	71.593	16.816	161.271
38169.129	45240.688	30763.670	29.430	26.199
1.021				
3/20/2016 12:45:00 AM	1597500.000	71.577	16.813	161.234
38172.055	45247.484	30768.291	29.434	26.197
1.021				
3/20/2016 1:00:00 AM	1598400.000	71.579	16.815	161.238
38176.348	45250.410	30770.281	29.437	26.194
1.021				
3/20/2016 1:15:00 AM	1599300.000	71.578	16.816	161.236
38231.801	45315.598	30814.609	29.484	26.156
1.021				
3/20/2016 1:30:00 AM	1600200.000	71.573	16.815	161.225
38175.570	45249.309	30769.531	29.436	26.195
1.021				
3/20/2016 1:45:00 AM	1601100.000	71.575	16.819	161.229
38179.008	45249.066	30769.367	29.436	26.192
1.021				
3/20/2016 2:00:00 AM	1602000.000	71.573	16.817	161.225
38200.516	45277.527	30788.721	29.456	26.178
1.021				
3/20/2016 2:15:00 AM	1602900.000	71.586	16.825	161.254
38210.586	45280.906	30791.018	29.459	26.171
1.021				
3/20/2016 2:30:00 AM	1603800.000	71.569	16.816	161.216

38182.398	45256.234	30774.242	29.441	26.190
1.021				
3/20/2016 2:45:00 AM	1604700.000	71.581	16.811	161.243
38153.266	45227.543	30754.732	29.420	26.210
1.021				
3/20/2016 3:00:00 AM	1605600.000	71.572	16.819	161.223
38183.980	45255.406	30773.678	29.440	26.189
1.021				
3/20/2016 3:15:00 AM	1606500.000	71.570	16.812	161.219
38174.086	45251.141	30770.777	29.437	26.196
1.021				
3/20/2016 3:30:00 AM	1607400.000	71.579	16.820	161.238
38194.094	45266.313	30781.096	29.448	26.182
1.021				
3/20/2016 3:45:00 AM	1608300.000	71.558	16.820	161.192
38182.438	45252.766	30771.883	29.439	26.190
1.021				
3/20/2016 4:00:00 AM	1609200.000	71.560	16.816	161.196
38173.855	45246.469	30767.602	29.434	26.196
1.021				
3/20/2016 4:15:00 AM	1610100.000	71.556	16.823	161.188
38175.887	45241.414	30764.164	29.431	26.195
1.021				
3/20/2016 4:30:00 AM	1611000.000	71.574	16.817	161.227
38139.656	45205.395	30739.670	29.404	26.219
1.021				
3/20/2016 4:45:00 AM	1611900.000	71.552	16.817	161.177
38205.484	45282.773	30792.287	29.460	26.174
1.021				
3/20/2016 5:00:00 AM	1612800.000	71.550	16.821	161.174
38199.766	45272.230	30785.117	29.453	26.178
1.021				
3/20/2016 5:15:00 AM	1613700.000	71.552	16.816	161.178
38190.766	45266.598	30781.289	29.448	26.184
1.021				
3/20/2016 5:30:00 AM	1614600.000	71.548	16.811	161.169
38204.023	45287.711	30795.646	29.463	26.175
1.021				
3/20/2016 5:45:00 AM	1615500.000	71.564	16.821	161.204
38212.398	45287.289	30795.359	29.464	26.170
1.021				
3/20/2016 6:00:00 AM	1616400.000	71.546	16.825	161.165
38182.859	45248.332	30768.867	29.436	26.190
1.021				
3/20/2016 6:15:00 AM	1617300.000	71.546	16.815	161.164
38179.191	45253.777	30772.570	29.439	26.192
1.021				
3/20/2016 6:30:00 AM	1618200.000	71.566	16.808	161.210
38207.758	45294.473	30800.244	29.468	26.173
1.021				
3/20/2016 6:45:00 AM	1619100.000	71.545	16.814	161.163
38180.039	45255.949	30774.047	29.441	26.192
1.021				
3/20/2016 7:00:00 AM	1620000.000	71.548	16.817	161.168
38202.383	45278.930	30789.672	29.457	26.176
1.021				
3/20/2016 7:15:00 AM	1620900.000	71.564	16.816	161.204



38176.938	45250.121	30770.084	29.436	26.194
1.021				
3/20/2016 7:30:00 AM	1621800.000	71.566	16.823	161.208
38190.730	45259.723	30776.613	29.444	26.184
1.021				
3/20/2016 7:45:00 AM	1622700.000	71.566	16.819	161.210
38159.281	45225.953	30753.650	29.419	26.206
1.021				
3/20/2016 8:00:00 AM	1623600.000	71.575	16.811	161.229
38205.520	45289.297	30796.725	29.464	26.174
1.021				
3/20/2016 8:15:00 AM	1624500.000	71.571	16.812	161.220
38175.246	45251.883	30771.281	29.438	26.195
1.021				
3/20/2016 8:30:00 AM	1625400.000	71.558	16.809	161.192
38189.043	45271.836	30784.852	29.452	26.186
1.021				
3/20/2016 8:45:00 AM	1626300.000	71.577	16.822	161.235
38186.090	45254.859	30773.307	29.440	26.188
1.021				
3/20/2016 9:00:00 AM	1627200.000	71.566	16.812	161.210
38165.918	45240.742	30763.707	29.429	26.201
1.021				
3/20/2016 9:15:00 AM	1628100.000	71.584	16.816	161.250
38176.738	45250.238	30770.164	29.437	26.194
1.021				
3/20/2016 9:30:00 AM	1629000.000	71.571	16.817	161.221
38172.746	45244.613	30766.340	29.432	26.197
1.021				
3/20/2016 9:45:00 AM	1629900.000	71.588	16.817	161.259
38193.820	45268.867	30782.832	29.450	26.182
1.021				
3/20/2016 10:00:00 AM	1630800.000	71.591	16.824	161.265
38201.449	45271.527	30784.639	29.452	26.177
1.021				
3/20/2016 10:15:00 AM	1631700.000	71.593	16.816	161.269
38191.504	45267.832	30782.129	29.449	26.184
1.021				
3/20/2016 10:30:00 AM	1632600.000	71.579	16.822	161.239
38202.660	45274.398	30786.592	29.454	26.176
1.021				
3/20/2016 10:45:00 AM	1633500.000	71.579	16.819	161.239
38180.344	45251.277	30770.871	29.437	26.191
1.021				
3/20/2016 11:00:00 AM	1634400.000	71.589	16.821	161.260
38206.668	45280.496	30790.738	29.459	26.173
1.021				
3/20/2016 11:15:00 AM	1635300.000	71.602	16.822	161.290
38183.285	45251.879	30771.279	29.438	26.189
1.021				
3/20/2016 11:30:00 AM	1636200.000	71.589	16.814	161.262
38200.402	45279.906	30790.336	29.458	26.178
1.021				
3/20/2016 11:45:00 AM	1637100.000	71.604	16.815	161.295
38170.973	45243.934	30765.877	29.432	26.198
1.021				
3/20/2016 12:00:00 PM	1638000.000	71.606	16.823	161.300

38181.293	45248.094	30768.705	29.435	26.191
1.021				
3/20/2016 12:15:00 PM	1638900.000	71.606	16.822	161.299
38212.082	45286.105	30794.555	29.463	26.170
1.021				
3/20/2016 12:30:00 PM	1639800.000	71.606	16.810	161.299
38196.336	45279.230	30789.879	29.457	26.181
1.021				
3/20/2016 12:45:00 PM	1640700.000	71.606	16.812	161.298
38180.637	45259.086	30776.180	29.443	26.191
1.021				
3/20/2016 1:00:00 PM	1641600.000	71.590	16.813	161.264
38187.469	45266.199	30781.018	29.448	26.187
1.021				
3/20/2016 1:15:00 PM	1642500.000	71.600	16.815	161.287
38217.668	45299.918	30803.947	29.472	26.166
1.021				
3/20/2016 1:30:00 PM	1643400.000	71.601	16.824	161.288
38183.273	45249.082	30769.379	29.436	26.189
1.021				
3/20/2016 1:45:00 PM	1644300.000	71.603	16.827	161.294
38206.105	45273.801	30786.186	29.454	26.174
1.021				
3/20/2016 2:00:00 PM	1645200.000	71.583	16.819	161.247
38191.766	45265.180	30780.322	29.447	26.184
1.021				
3/20/2016 2:15:00 PM	1646100.000	71.579	16.821	161.240
38218.055	45293.547	30799.611	29.468	26.166
1.021				
3/20/2016 2:30:00 PM	1647000.000	71.573	16.823	161.225
38199.754	45269.785	30783.457	29.451	26.178
1.021				
3/20/2016 2:45:00 PM	1647900.000	71.589	16.816	161.260
38200.273	45278.313	30789.254	29.457	26.178
1.021				
3/20/2016 3:00:00 PM	1648800.000	71.571	16.815	161.220
38212.242	45293.133	30799.332	29.467	26.170
1.021				
3/20/2016 3:15:00 PM	1649700.000	71.567	16.820	161.212
38190.902	45262.797	30778.703	29.446	26.184
1.021				
3/20/2016 3:30:00 PM	1650600.000	71.575	16.817	161.229
38176.785	45249.129	30769.410	29.436	26.194
1.021				
3/20/2016 3:45:00 PM	1651500.000	71.555	16.818	161.184
38207.973	45284.828	30793.686	29.462	26.173
1.021				
3/20/2016 4:00:00 PM	1652400.000	71.566	16.812	161.208
38175.977	45253.031	30772.064	29.438	26.194
1.021				
3/20/2016 4:15:00 PM	1653300.000	71.560	16.818	161.197
38178.172	45249.238	30769.484	29.436	26.193
1.021				
3/20/2016 4:30:00 PM	1654200.000	71.539	16.823	161.149
38192.074	45260.957	30777.453	29.445	26.183
1.021				
3/20/2016 4:45:00 PM	1655100.000	71.548	16.820	161.169

38208.578	45283.480	30792.768	29.461	26.172
1.021				
3/20/2016 5:00:00 PM	1656000.000	71.532	16.814	161.132
38192.570	45270.449	30783.906	29.451	26.183
1.021				
3/20/2016 5:15:00 PM	1656900.000	71.524	16.825	161.116
38195.438	45262.426	30778.449	29.446	26.181
1.021				
3/20/2016 5:30:00 PM	1657800.000	71.517	16.819	161.100
38187.066	45258.617	30775.861	29.443	26.187
1.021				
3/20/2016 5:45:00 PM	1658700.000	71.522	16.813	161.111
38188.094	45266.762	30781.400	29.448	26.186
1.021				
3/20/2016 6:00:00 PM	1659600.000	71.513	16.815	161.090
38186.809	45262.809	30778.713	29.446	26.187
1.021				
3/20/2016 6:15:00 PM	1660500.000	71.506	16.814	161.075
38188.672	45265.914	30780.824	29.448	26.186
1.021				
3/20/2016 6:30:00 PM	1661400.000	71.508	16.816	161.079
38182.984	45257.109	30774.836	29.442	26.190
1.021				
3/20/2016 6:45:00 PM	1662300.000	71.507	16.819	161.076
38167.441	45236.078	30760.535	29.426	26.200
1.021				
3/20/2016 7:00:00 PM	1663200.000	71.518	16.819	161.102
38180.766	45251.871	30771.275	29.438	26.191
1.021				
3/20/2016 7:15:00 PM	1664100.000	71.518	16.811	161.102
38193.977	45275.988	30787.674	29.455	26.182
1.021				
3/20/2016 7:30:00 PM	1665000.000	71.500	16.817	161.061
38176.285	45248.621	30769.064	29.435	26.194
1.021				
3/20/2016 7:45:00 PM	1665900.000	71.513	16.815	161.091
38169.246	45241.992	30764.557	29.430	26.199
1.021				
3/20/2016 8:00:00 PM	1666800.000	71.499	16.811	161.059
38176.605	45255.020	30773.414	29.440	26.194
1.021				
3/20/2016 8:15:00 PM	1667700.000	71.512	16.818	161.088
38195.805	45270.586	30784.000	29.451	26.181
1.021				
3/20/2016 8:30:00 PM	1668600.000	71.516	16.825	161.097
38151.711	45210.867	30743.393	29.409	26.211
1.021				
3/20/2016 8:45:00 PM	1669500.000	71.517	16.828	161.100
38206.676	45273.594	30786.047	29.454	26.173
1.021				
3/20/2016 9:00:00 PM	1670400.000	71.520	16.824	161.106
38192.691	45260.695	30777.275	29.445	26.183
1.021				
3/20/2016 9:15:00 PM	1671300.000	71.520	16.819	161.105
38209.523	45285.766	30794.320	29.462	26.171
1.021				
3/20/2016 9:30:00 PM	1672200.000	71.523	16.823	161.114

38180.574	45247.055	30768.000	29.435	26.191
1.021				
3/20/2016 9:45:00 PM	1673100.000	71.527	16.816	161.122
38173.902	45246.613	30767.699	29.434	26.196
1.021				
3/20/2016 10:00:00 PM	1674000.000	71.527	16.829	161.122
38176.477	45235.824	30760.363	29.427	26.194
1.021				
3/20/2016 10:15:00 PM	1674900.000	71.518	16.819	161.102
38187.723	45259.395	30776.391	29.443	26.186
1.021				
3/20/2016 10:30:00 PM	1675800.000	71.533	16.821	161.136
38201.688	45274.773	30786.848	29.455	26.177
1.021				
3/20/2016 10:45:00 PM	1676700.000	71.521	16.825	161.109
38192.250	45259.539	30776.488	29.444	26.183
1.021				
3/20/2016 11:00:00 PM	1677600.000	71.539	16.826	161.150
38217.727	45288.301	30796.047	29.465	26.166
1.021				
3/20/2016 11:15:00 PM	1678500.000	71.543	16.822	161.158
38206.066	45278.531	30789.404	29.457	26.174
1.021				
3/20/2016 11:30:00 PM	1679400.000	71.529	16.818	161.126
38167.109	45236.676	30760.941	29.427	26.201
1.021				
3/20/2016 11:45:00 PM	1680300.000	71.530	16.819	161.127
38221.043	45299.332	30803.549	29.472	26.164
1.021				
3/21/2016 12:00:00 AM	1681200.000	71.550	16.824	161.173
38201.961	45271.953	30784.930	29.453	26.177
1.021				
3/21/2016 12:15:00 AM	1682100.000	71.538	16.818	161.146
38187.867	45261.551	30777.857	29.445	26.186
1.021				
3/21/2016 12:30:00 AM	1683000.000	71.539	16.820	161.148
38212.457	45288.625	30796.266	29.464	26.169
1.021				
3/21/2016 12:45:00 AM	1683900.000	71.542	16.816	161.155
38226.938	45309.738	30810.625	29.480	26.160
1.021				
3/21/2016 1:00:00 AM	1684800.000	71.564	16.811	161.206
38191.289	45271.988	30784.953	29.452	26.184
1.021				
3/21/2016 1:15:00 AM	1685700.000	71.543	16.807	161.157
38189.141	45273.664	30786.092	29.453	26.185
1.021				
3/21/2016 1:30:00 AM	1686600.000	71.560	16.816	161.195
38172.172	45244.918	30766.547	29.433	26.197
1.021				
3/21/2016 1:45:00 AM	1687500.000	71.561	16.819	161.199
38173.656	45242.816	30765.117	29.431	26.196
1.021				
3/21/2016 2:00:00 AM	1688400.000	71.562	16.819	161.200
38204.273	45279.371	30789.975	29.458	26.175
1.021				
3/21/2016 2:15:00 AM	1689300.000	71.547	16.822	161.167

38176.734	45243.496	30765.580	29.432	26.194
1.021				
3/21/2016 2:30:00 AM	1690200.000	71.556	16.816	161.188
38178.074	45251.293	30770.879	29.437	26.193
1.021				
3/21/2016 2:45:00 AM	1691100.000	71.560	16.816	161.195
38166.469	45237.887	30761.764	29.428	26.201
1.021				
3/21/2016 3:00:00 AM	1692000.000	71.541	16.812	161.153
38179.152	45256.617	30774.502	29.441	26.192
1.021				
3/21/2016 3:15:00 AM	1692900.000	71.557	16.810	161.189
38181.973	45261.836	30778.049	29.445	26.190
1.021				
3/21/2016 3:30:00 AM	1693800.000	71.554	16.817	161.183
38184.617	45258.230	30775.598	29.442	26.189
1.021				
3/21/2016 3:45:00 AM	1694700.000	71.561	16.817	161.199
38189.531	45264.508	30779.867	29.447	26.185
1.021				
3/21/2016 4:00:00 AM	1695600.000	71.550	16.817	161.174
38179.961	45253.254	30772.215	29.439	26.192
1.021				
3/21/2016 4:15:00 AM	1696500.000	71.549	16.821	161.172
38175.887	45243.383	30765.502	29.432	26.195
1.021				
3/21/2016 4:30:00 AM	1697400.000	71.549	16.820	161.171
38192.902	45264.816	30780.076	29.447	26.183
1.021				
3/21/2016 4:45:00 AM	1698300.000	71.547	16.811	161.166
38177.066	45255.223	30773.553	29.440	26.194
1.021				
3/21/2016 5:00:00 AM	1699200.000	71.530	16.815	161.127
38179.863	45254.473	30773.043	29.440	26.192
1.021				
3/21/2016 5:15:00 AM	1700100.000	71.526	16.815	161.119
38176.840	45251.352	30770.922	29.437	26.194
1.021				
3/21/2016 5:30:00 AM	1701000.000	71.523	16.818	161.113
38168.184	45237.668	30761.615	29.428	26.200
1.021				
3/21/2016 5:45:00 AM	1701900.000	71.527	16.819	161.122
38166.430	45234.691	30759.592	29.425	26.201
1.021				
3/21/2016 6:00:00 AM	1702800.000	71.524	16.819	161.114
38188.727	45261.484	30777.813	29.445	26.186
1.021				
3/21/2016 6:15:00 AM	1703700.000	71.538	16.824	161.146
38203.527	45273.898	30786.254	29.454	26.176
1.021				
3/21/2016 6:30:00 AM	1704600.000	71.518	16.814	161.101
38163.250	45236.047	30760.514	29.426	26.203
1.021				
3/21/2016 6:45:00 AM	1705500.000	71.534	16.833	161.137
38234.430	45300.449	30804.309	29.474	26.154
1.021				
3/21/2016 7:00:00 AM	1706400.000	71.520	16.822	161.106

38196.500	45266.742	30781.385	29.449	26.180
1.021				
3/21/2016 7:15:00 AM	1707300.000	71.536	16.815	161.141
38204.070	45283.164	30792.555	29.460	26.175
1.021				
3/21/2016 7:30:00 AM	1708200.000	71.531	16.828	161.131
38217.852	45286.555	30794.859	29.463	26.166
1.021				
3/21/2016 7:45:00 AM	1709100.000	71.520	16.821	161.106
38199.578	45271.648	30784.721	29.452	26.178
1.021				
3/21/2016 8:00:00 AM	1710000.000	71.521	16.812	161.109
38202.430	45284.105	30793.193	29.461	26.176
1.021				
3/21/2016 8:15:00 AM	1710900.000	71.525	16.822	161.117
38152.113	45214.938	30746.160	29.411	26.211
1.021				
3/21/2016 8:30:00 AM	1711800.000	71.526	16.809	161.118
38206.684	45292.305	30798.770	29.467	26.173
1.021				
3/21/2016 8:45:00 AM	1712700.000	71.546	16.819	161.164
38197.430	45271.430	30784.574	29.452	26.180
1.021				
3/21/2016 9:00:00 AM	1713600.000	71.534	16.813	161.137
38180.082	45256.906	30774.699	29.441	26.192
1.021				
3/21/2016 9:15:00 AM	1714500.000	71.536	16.812	161.141
38211.121	45294.324	30800.143	29.468	26.170
1.021				
3/21/2016 9:30:00 AM	1715400.000	71.556	16.825	161.186
38208.227	45277.668	30788.816	29.457	26.172
1.021				
3/21/2016 9:45:00 AM	1716300.000	71.543	16.822	161.157
38169.855	45235.164	30759.914	29.426	26.199
1.021				
3/21/2016 10:00:00 AM	1717200.000	71.566	16.816	161.210
38177.469	45250.574	30770.391	29.437	26.193
1.021				
3/21/2016 10:15:00 AM	1718100.000	71.563	16.816	161.202
38197.723	45274.844	30786.896	29.454	26.180
1.021				
3/21/2016 10:30:00 AM	1719000.000	71.553	16.822	161.181
38182.332	45250.934	30770.635	29.437	26.190
1.021				
3/21/2016 10:45:00 AM	1719900.000	71.573	16.827	161.225
38183.680	45246.953	30767.930	29.435	26.189
1.021				
3/21/2016 11:00:00 AM	1720800.000	71.561	16.810	161.198
38153.773	45229.219	30755.871	29.421	26.210
1.021				
3/21/2016 11:15:00 AM	1721700.000	71.564	16.817	161.205
38159.809	45228.555	30755.418	29.421	26.206
1.021				
3/21/2016 11:30:00 AM	1722600.000	71.582	16.824	161.245
38171.777	45235.551	30760.178	29.426	26.197
1.021				
3/21/2016 11:45:00 AM	1723500.000	71.581	16.820	161.244

38194.270	45266.879	30781.480	29.449	26.182
1.021				
3/21/2016 12:00:00 PM	1724400.000	71.583	16.817	161.249
38198.621	45274.379	30786.580	29.454	26.179
1.021				
3/21/2016 12:15:00 PM	1725300.000	71.591	16.822	161.266
38230.328	45307.012	30808.770	29.478	26.157
1.021				
3/21/2016 12:30:00 PM	1726200.000	71.589	16.823	161.261
38202.789	45273.566	30786.025	29.454	26.176
1.021				
3/21/2016 12:45:00 PM	1727100.000	71.587	16.831	161.257
38196.488	45258.461	30775.756	29.443	26.180
1.021				
3/21/2016 1:00:00 PM	1728000.000	71.573	16.823	161.225
38182.383	45249.918	30769.947	29.437	26.190
1.021				
3/21/2016 1:15:00 PM	1728900.000	71.577	16.815	161.234
38180.930	45255.738	30773.902	29.440	26.191
1.021				
3/21/2016 1:30:00 PM	1729800.000	71.576	16.813	161.231
38171.492	45246.816	30767.838	29.434	26.198
1.021				
3/21/2016 1:45:00 PM	1730700.000	71.578	16.817	161.236
38198.969	45274.789	30786.859	29.454	26.179
1.021				
3/21/2016 2:00:00 PM	1731600.000	71.588	16.822	161.259
38192.578	45262.273	30778.348	29.446	26.183
1.021				
3/21/2016 2:15:00 PM	1732500.000	71.572	16.826	161.222
38196.086	45262.844	30778.736	29.446	26.181
1.021				
3/21/2016 2:30:00 PM	1733400.000	71.575	16.811	161.229
38187.844	45267.906	30782.178	29.449	26.186
1.021				
3/21/2016 2:45:00 PM	1734300.000	71.585	16.822	161.253
38170.594	45236.219	30760.629	29.427	26.198
1.021				
3/21/2016 3:00:00 PM	1735200.000	71.570	16.816	161.218
38199.180	45276.383	30787.943	29.455	26.179
1.021				
3/21/2016 3:15:00 PM	1736100.000	71.561	16.820	161.199
38202.402	45276.605	30788.094	29.456	26.176
1.021				
3/21/2016 3:30:00 PM	1737000.000	71.578	16.813	161.236
38188.383	45266.746	30781.387	29.448	26.186
1.021				
3/21/2016 3:45:00 PM	1737900.000	71.558	16.815	161.191
38169.219	45241.855	30764.463	29.430	26.199
1.021				
3/21/2016 4:00:00 PM	1738800.000	71.570	16.822	161.219
38195.988	45266.934	30781.518	29.449	26.181
1.021				
3/21/2016 4:15:00 PM	1739700.000	71.546	16.809	161.163
38176.043	45256.699	30774.559	29.441	26.194
1.021				
3/21/2016 4:30:00 PM	1740600.000	71.563	16.815	161.203

38153.402	45223.664	30752.092	29.417	26.210
1.021				
3/21/2016 4:45:00 PM	1741500.000	71.541	16.819	161.153
38200.672	45274.930	30786.955	29.455	26.178
1.021				
3/21/2016 5:00:00 PM	1742400.000	71.544	16.818	161.159
38208.641	45285.711	30794.285	29.462	26.172
1.021				
3/21/2016 5:15:00 PM	1743300.000	71.552	16.823	161.178
38216.934	45290.684	30797.666	29.466	26.166
1.021				
3/21/2016 5:30:00 PM	1744200.000	71.552	16.813	161.177
38191.563	45270.152	30783.705	29.451	26.184
1.021				
3/21/2016 5:45:00 PM	1745100.000	71.533	16.815	161.136
38168.285	45241.211	30764.025	29.430	26.200
1.021				
3/21/2016 6:00:00 PM	1746000.000	71.544	16.823	161.159
38243.422	45322.168	30819.076	29.489	26.148
1.021				
3/21/2016 6:15:00 PM	1746900.000	71.539	16.822	161.148
38195.020	45265.250	30780.373	29.448	26.181
1.021				
3/21/2016 6:30:00 PM	1747800.000	71.537	16.826	161.143
38211.234	45280.609	30790.814	29.459	26.170
1.021				
3/21/2016 6:45:00 PM	1748700.000	71.520	16.824	161.106
38204.539	45274.281	30786.512	29.454	26.175
1.021				
3/21/2016 7:00:00 PM	1749600.000	71.533	16.819	161.136
38212.984	45290.328	30797.426	29.466	26.169
1.021				
3/21/2016 7:15:00 PM	1750500.000	71.512	16.809	161.087
38196.352	45280.773	30790.928	29.458	26.181
1.021				
3/21/2016 7:30:00 PM	1751400.000	71.515	16.818	161.094
38210.996	45288.059	30795.883	29.464	26.170
1.021				
3/21/2016 7:45:00 PM	1752300.000	71.528	16.813	161.124
38183.945	45261.664	30777.934	29.445	26.189
1.021				
3/21/2016 8:00:00 PM	1753200.000	71.509	16.817	161.082
38179.195	45251.988	30771.354	29.438	26.192
1.021				
3/21/2016 8:15:00 PM	1754100.000	71.511	16.813	161.085
38188.980	45267.094	30781.625	29.449	26.186
1.021				
3/21/2016 8:30:00 PM	1755000.000	71.511	16.818	161.086
38205.484	45281.801	30791.625	29.459	26.174
1.021				
3/21/2016 8:45:00 PM	1755900.000	71.506	16.822	161.073
38182.738	45251.418	30770.965	29.438	26.190
1.021				
3/21/2016 9:00:00 PM	1756800.000	71.508	16.820	161.079
38209.715	45284.563	30793.502	29.462	26.171
1.021				
3/21/2016 9:15:00 PM	1757700.000	71.512	16.820	161.087



38174.078	45242.770	30765.086	29.431	26.196
1.021				
3/21/2016 9:30:00 PM	1758600.000	71.516	16.819	161.096
38190.207	45262.434	30778.455	29.446	26.185
1.021				
3/21/2016 9:45:00 PM	1759500.000	71.521	16.815	161.108
38191.898	45268.738	30782.744	29.450	26.184
1.021				
3/21/2016 10:00:00 PM	1760400.000	71.523	16.816	161.112
38186.789	45262.070	30778.209	29.445	26.187
1.021				
3/21/2016 10:15:00 PM	1761300.000	71.520	16.812	161.107
38162.977	45237.699	30761.639	29.427	26.203
1.021				
3/21/2016 10:30:00 PM	1762200.000	71.525	16.815	161.116
38210.035	45290.426	30797.490	29.466	26.171
1.021				
3/21/2016 10:45:00 PM	1763100.000	71.530	16.817	161.127
38186.711	45260.711	30777.285	29.444	26.187
1.021				
3/21/2016 11:00:00 PM	1764000.000	71.527	16.813	161.122
38187.066	45265.543	30780.570	29.447	26.187
1.021				
3/21/2016 11:15:00 PM	1764900.000	71.547	16.817	161.166
38208.633	45286.336	30794.711	29.463	26.172
1.021				
3/21/2016 11:30:00 PM	1765800.000	71.551	16.813	161.176
38211.992	45294.371	30800.172	29.468	26.170
1.021				
3/21/2016 11:45:00 PM	1766700.000	71.538	16.814	161.147
38207.395	45287.918	30795.785	29.464	26.173
1.021				
3/22/2016 12:00:00 AM	1767600.000	71.552	16.811	161.177
38192.836	45274.633	30786.750	29.454	26.183
1.021				
3/22/2016 12:15:00 AM	1768500.000	71.541	16.822	161.153
38177.566	45245.102	30766.672	29.433	26.193
1.021				
3/22/2016 12:30:00 AM	1769400.000	71.540	16.819	161.150
38190.609	45263.715	30779.328	29.446	26.184
1.021				
3/22/2016 12:45:00 AM	1770300.000	71.561	16.821	161.198
38217.637	45293.145	30799.340	29.468	26.166
1.021				
3/22/2016 1:00:00 AM	1771200.000	71.545	16.816	161.163
38200.594	45278.691	30789.510	29.457	26.178
1.021				
3/22/2016 1:15:00 AM	1772100.000	71.549	16.819	161.172
38211.551	45288.168	30795.955	29.464	26.170
1.021				
3/22/2016 1:30:00 AM	1773000.000	71.564	16.819	161.206
38214.934	45292.543	30798.932	29.467	26.168
1.021				
3/22/2016 1:45:00 AM	1773900.000	71.565	16.822	161.208
38164.582	45229.543	30756.092	29.422	26.202
1.021				
3/22/2016 2:00:00 AM	1774800.000	71.566	16.820	161.208

38203.559	45277.887	30788.965	29.457	26.176
1.021				
3/22/2016 2:15:00 AM	1775700.000	71.552	16.817	161.179
38204.648	45281.879	30791.680	29.459	26.175
1.021				
3/22/2016 2:30:00 AM	1776600.000	71.563	16.822	161.203
38190.641	45260.250	30776.973	29.444	26.184
1.021				
3/22/2016 2:45:00 AM	1777500.000	71.551	16.818	161.175
38149.008	45215.305	30746.410	29.411	26.213
1.021				
3/22/2016 3:00:00 AM	1778400.000	71.564	16.810	161.206
38180.664	45260.824	30777.363	29.444	26.191
1.021				
3/22/2016 3:15:00 AM	1779300.000	71.564	16.823	161.206
38184.254	45251.859	30771.268	29.438	26.189
1.021				
3/22/2016 3:30:00 AM	1780200.000	71.561	16.817	161.199
38180.352	45253.262	30772.221	29.439	26.191
1.021				
3/22/2016 3:45:00 AM	1781100.000	71.560	16.812	161.195
38180.195	45258.203	30775.580	29.442	26.192
1.021				
3/22/2016 4:00:00 AM	1782000.000	71.557	16.813	161.189
38169.289	45243.840	30765.813	29.432	26.199
1.021				
3/22/2016 4:15:00 AM	1782900.000	71.554	16.826	161.183
38187.867	45252.918	30771.986	29.439	26.186
1.021				
3/22/2016 4:30:00 AM	1783800.000	71.532	16.816	161.133
38180.598	45254.180	30772.842	29.439	26.191
1.021				
3/22/2016 4:45:00 AM	1784700.000	71.533	16.823	161.136
38187.004	45254.590	30773.123	29.440	26.187
1.021				
3/22/2016 5:00:00 AM	1785600.000	71.533	16.815	161.134
38182.840	45257.750	30775.270	29.442	26.190
1.021				
3/22/2016 5:15:00 AM	1786500.000	71.529	16.816	161.126
38192.793	45269.359	30783.164	29.450	26.183
1.021				
3/22/2016 5:30:00 AM	1787400.000	71.541	16.817	161.153
38173.406	45244.672	30766.379	29.433	26.196
1.021				
3/22/2016 5:45:00 AM	1788300.000	71.515	16.821	161.094
38183.625	45253.461	30772.354	29.439	26.189
1.021				
3/22/2016 6:00:00 AM	1789200.000	71.535	16.818	161.139
38190.793	45264.926	30780.152	29.447	26.184
1.021				
3/22/2016 6:15:00 AM	1790100.000	71.532	16.818	161.132
38195.340	45269.777	30783.451	29.451	26.181
1.021				
3/22/2016 6:30:00 AM	1791000.000	71.512	16.818	161.087
38208.777	45285.961	30794.455	29.462	26.172
1.021				
3/22/2016 6:45:00 AM	1791900.000	71.510	16.825	161.084

38196.449	45263.805	30779.389	29.447	26.180
1.021				
3/22/2016 7:00:00 AM	1792800.000	71.512	16.822	161.088
38213.941	45287.770	30795.686	29.464	26.168
1.021				
3/22/2016 7:15:00 AM	1793700.000	71.509	16.818	161.080
38192.086	45265.918	30780.826	29.448	26.183
1.021				
3/22/2016 7:30:00 AM	1794600.000	71.503	16.825	161.068
38195.551	45262.645	30778.600	29.446	26.181
1.021				
3/22/2016 7:45:00 AM	1795500.000	71.506	16.827	161.074
38212.016	45280.906	30791.018	29.459	26.170
1.021				
3/22/2016 8:00:00 AM	1796400.000	71.511	16.821	161.085
38212.086	45286.832	30795.047	29.463	26.170
1.021				
3/22/2016 8:15:00 AM	1797300.000	71.509	16.816	161.080
38194.918	45271.785	30784.816	29.452	26.181
1.021				
3/22/2016 8:30:00 AM	1798200.000	71.524	16.819	161.116
38221.344	45300.141	30804.096	29.473	26.163
1.021				
3/22/2016 8:45:00 AM	1799100.000	71.504	16.819	161.069
38180.527	45251.586	30771.080	29.438	26.191
1.021				
3/22/2016 9:00:00 AM	1800000.000	71.513	16.822	161.089
38198.781	45270.242	30783.768	29.451	26.179
1.021				
3/22/2016 9:15:00 AM	1800900.000	71.524	16.811	161.116
38178.156	45256.422	30774.369	29.441	26.193
1.021				
3/22/2016 9:30:00 AM	1801800.000	71.516	16.816	161.096
38168.605	45240.332	30763.428	29.429	26.200
1.021				
3/22/2016 9:45:00 AM	1802700.000	71.530	16.816	161.127
38204.453	45282.559	30792.143	29.460	26.175
1.021				
3/22/2016 10:00:00 AM	1803600.000	71.536	16.819	161.141
38194.758	45268.453	30782.551	29.450	26.182
1.021				
3/22/2016 10:15:00 AM	1804500.000	71.534	16.816	161.138
38233.637	45316.965	30815.539	29.485	26.155
1.021				
3/22/2016 10:30:00 AM	1805400.000	71.519	16.821	161.104
38194.254	45265.961	30780.855	29.448	26.182
1.021				
3/22/2016 10:45:00 AM	1806300.000	71.520	16.818	161.105
38196.121	45271.242	30784.447	29.452	26.181
1.021				
3/22/2016 11:00:00 AM	1807200.000	71.540	16.813	161.152
38170.605	45246.211	30767.426	29.433	26.198
1.021				
3/22/2016 11:15:00 AM	1808100.000	71.530	16.816	161.128
38182.938	45257.133	30774.854	29.442	26.190
1.021				
3/22/2016 11:30:00 AM	1809000.000	71.546	16.818	161.164

38144.371	45209.625	30742.547	29.407	26.216
1.021				
3/22/2016 11:45:00 AM	1809900.000	71.550	16.819	161.174
38201.816	45276.363	30787.930	29.456	26.177
1.021				
3/22/2016 12:00:00 PM	1810800.000	71.543	16.815	161.159
38181.176	45256.402	30774.355	29.441	26.191
1.021				
3/22/2016 12:15:00 PM	1811700.000	71.556	16.813	161.188
38211.082	45293.910	30799.859	29.468	26.170
1.021				
3/22/2016 12:30:00 PM	1812600.000	71.542	16.816	161.155
38202.566	45280.137	30790.494	29.458	26.176
1.021				
3/22/2016 12:45:00 PM	1813500.000	71.543	16.822	161.159
38196.984	45267.582	30781.957	29.449	26.180
1.021				
3/22/2016 1:00:00 PM	1814400.000	71.556	16.820	161.188
38214.547	45290.469	30797.521	29.466	26.168
1.021				
3/22/2016 1:15:00 PM	1815300.000	71.562	16.821	161.201
38209.148	45283.711	30792.926	29.461	26.172
1.021				
3/22/2016 1:30:00 PM	1816200.000	71.550	16.818	161.174
38196.410	45271.305	30784.490	29.452	26.180
1.021				
3/22/2016 1:45:00 PM	1817100.000	71.563	16.821	161.202
38191.363	45261.828	30778.043	29.445	26.184
1.021				
3/22/2016 2:00:00 PM	1818000.000	71.552	16.812	161.178
38176.051	45252.750	30771.873	29.438	26.194
1.021				
3/22/2016 2:15:00 PM	1818900.000	71.552	16.816	161.177
38191.641	45267.820	30782.117	29.449	26.184
1.021				
3/22/2016 2:30:00 PM	1819800.000	71.546	16.814	161.164
38182.285	45258.344	30775.676	29.442	26.190
1.021				
3/22/2016 2:45:00 PM	1820700.000	71.546	16.811	161.163
38184.277	45264.207	30779.662	29.446	26.189
1.021				
3/22/2016 3:00:00 PM	1821600.000	71.549	16.810	161.172
38208.160	45293.691	30799.713	29.468	26.172
1.021				
3/22/2016 3:15:00 PM	1822500.000	71.561	16.815	161.198
38160.605	45231.398	30757.354	29.423	26.205
1.021				
3/22/2016 3:30:00 PM	1823400.000	71.546	16.809	161.163
38156.992	45233.215	30758.586	29.424	26.208
1.021				
3/22/2016 3:45:00 PM	1824300.000	71.543	16.811	161.159
38201.691	45284.414	30793.404	29.461	26.177
1.021				
3/22/2016 4:00:00 PM	1825200.000	71.537	16.826	161.144
38183.609	45248.230	30768.799	29.436	26.189
1.021				
3/22/2016 4:15:00 PM	1826100.000	71.549	16.825	161.171

38209.266	45279.531	30790.082	29.458	26.172
1.021				
3/22/2016 4:30:00 PM	1827000.000	71.538	16.810	161.146
38180.137	45259.934	30776.758	29.443	26.192
1.021				
3/22/2016 4:45:00 PM	1827900.000	71.548	16.818	161.168
38192.637	45267.016	30781.572	29.449	26.183
1.021				
3/22/2016 5:00:00 PM	1828800.000	71.543	16.817	161.158
38185.262	45259.449	30776.426	29.443	26.188
1.021				
3/22/2016 5:15:00 PM	1829700.000	71.526	16.814	161.120
38171.309	45245.523	30766.959	29.433	26.198
1.021				
3/22/2016 5:30:00 PM	1830600.000	71.523	16.821	161.112
38212.227	45286.824	30795.043	29.463	26.170
1.021				
3/22/2016 5:45:00 PM	1831500.000	71.519	16.819	161.104
38179.867	45250.531	30770.363	29.437	26.192
1.021				
3/22/2016 6:00:00 PM	1832400.000	71.532	16.813	161.133
38193.492	45273.160	30785.752	29.453	26.182
1.021				
3/22/2016 6:15:00 PM	1833300.000	71.528	16.821	161.124
38173.586	45241.109	30763.957	29.430	26.196
1.021				
3/22/2016 6:30:00 PM	1834200.000	71.512	16.820	161.087
38189.109	45260.320	30777.020	29.444	26.185
1.021				
3/22/2016 6:45:00 PM	1835100.000	71.524	16.817	161.116
38189.004	45263.430	30779.135	29.446	26.186
1.021				
3/22/2016 7:00:00 PM	1836000.000	71.506	16.822	161.075
38190.270	45260.344	30777.035	29.444	26.185
1.021				
3/22/2016 7:15:00 PM	1836900.000	71.502	16.824	161.066
38184.695	45250.766	30770.523	29.437	26.189
1.021				
3/22/2016 7:30:00 PM	1837800.000	71.502	16.821	161.066
38188.797	45259.410	30776.400	29.443	26.186
1.021				
3/22/2016 7:45:00 PM	1838700.000	71.516	16.819	161.096
38172.320	45241.234	30764.039	29.430	26.197
1.021				
3/22/2016 8:00:00 PM	1839600.000	71.496	16.825	161.051
38193.184	45260.738	30777.303	29.445	26.183
1.021				
3/22/2016 8:15:00 PM	1840500.000	71.491	16.824	161.040
38210.566	45282.152	30791.865	29.460	26.171
1.021				
3/22/2016 8:30:00 PM	1841400.000	71.510	16.822	161.084
38203.641	45275.922	30787.629	29.455	26.176
1.021				
3/22/2016 8:45:00 PM	1842300.000	71.506	16.827	161.073
38203.719	45270.168	30783.717	29.452	26.175
1.021				
3/22/2016 9:00:00 PM	1843200.000	71.509	16.822	161.081

38192.707	45263.230	30778.998	29.446	26.183
1.021				
3/22/2016 9:15:00 PM	1844100.000	71.494	16.821	161.048
38193.656	45264.895	30780.131	29.447	26.182
1.021				
3/22/2016 9:30:00 PM	1845000.000	71.495	16.819	161.050
38194.875	45268.137	30782.336	29.450	26.182
1.021				
3/22/2016 9:45:00 PM	1845900.000	71.497	16.815	161.055
38220.656	45303.199	30806.178	29.475	26.164
1.021				
3/22/2016 10:00:00 PM	1846800.000	71.513	16.818	161.089
38194.145	45268.992	30782.916	29.450	26.182
1.021				
3/22/2016 10:15:00 PM	1847700.000	71.499	16.824	161.058
38214.645	45286.984	30795.152	29.464	26.168
1.021				
3/22/2016 10:30:00 PM	1848600.000	71.517	16.830	161.100
38197.121	45259.660	30776.570	29.444	26.180
1.021				
3/22/2016 10:45:00 PM	1849500.000	71.506	16.818	161.075
38197.340	45272.320	30785.180	29.453	26.180
1.021				
3/22/2016 11:00:00 PM	1850400.000	71.523	16.825	161.112
38170.797	45233.672	30758.898	29.425	26.198
1.021				
3/22/2016 11:15:00 PM	1851300.000	71.513	16.815	161.089
38176.254	45250.383	30770.262	29.437	26.194
1.021				
3/22/2016 11:30:00 PM	1852200.000	71.531	16.815	161.131
38179.535	45254.641	30773.156	29.440	26.192
1.021				
3/22/2016 11:45:00 PM	1853100.000	71.535	16.815	161.139
38187.973	45264.188	30779.650	29.447	26.186
1.021				
3/23/2016 12:00:00 AM	1854000.000	71.537	16.820	161.144
38196.344	45268.621	30782.664	29.450	26.181
1.021				
3/23/2016 12:15:00 AM	1854900.000	71.542	16.822	161.155
38202.469	45274.613	30786.740	29.454	26.176
1.021				
3/23/2016 12:30:00 AM	1855800.000	71.541	16.818	161.153
38175.824	45247.277	30768.150	29.434	26.195
1.021				
3/23/2016 12:45:00 AM	1856700.000	71.530	16.818	161.127
38213.461	45291.426	30798.172	29.466	26.169
1.021				
3/23/2016 1:00:00 AM	1857600.000	71.531	16.815	161.131
38183.418	45258.438	30775.740	29.442	26.189
1.021				
3/23/2016 1:15:00 AM	1858500.000	71.547	16.830	161.166
38199.008	45261.797	30778.023	29.446	26.179
1.021				
3/23/2016 1:30:00 AM	1859400.000	71.552	16.815	161.177
38189.660	45266.547	30781.254	29.448	26.185
1.021				
3/23/2016 1:45:00 AM	1860300.000	71.550	16.824	161.174

38213.238	45284.965	30793.779	29.462	26.169
1.021				
3/23/2016 2:00:00 AM	1861200.000	71.533	16.823	161.134
38226.238	45301.707	30805.162	29.474	26.160
1.021				
3/23/2016 2:15:00 AM	1862100.000	71.539	16.819	161.149
38185.508	45257.574	30775.152	29.442	26.188
1.021				
3/23/2016 2:30:00 AM	1863000.000	71.550	16.830	161.174
38203.762	45267.527	30781.920	29.450	26.175
1.021				
3/23/2016 2:45:00 AM	1863900.000	71.539	16.817	161.149
38174.051	45245.258	30766.777	29.433	26.196
1.021				
3/23/2016 3:00:00 AM	1864800.000	71.553	16.818	161.180
38169.738	45240.066	30763.248	29.429	26.199
1.021				
3/23/2016 3:15:00 AM	1865700.000	71.552	16.822	161.177
38144.324	45205.445	30739.705	29.404	26.216
1.021				
3/23/2016 3:30:00 AM	1866600.000	71.551	16.827	161.175
38184.254	45247.820	30768.518	29.435	26.189
1.021				
3/23/2016 3:45:00 AM	1867500.000	71.532	16.819	161.133
38202.613	45277.402	30788.637	29.456	26.176
1.021				
3/23/2016 4:00:00 AM	1868400.000	71.553	16.819	161.179
38192.469	45265.465	30780.518	29.448	26.183
1.021				
3/23/2016 4:15:00 AM	1869300.000	71.543	16.816	161.158
38193.297	45269.512	30783.270	29.450	26.183
1.021				
3/23/2016 4:30:00 AM	1870200.000	71.527	16.822	161.121
38202.734	45274.309	30786.531	29.454	26.176
1.021				
3/23/2016 4:45:00 AM	1871100.000	71.544	16.828	161.159
38189.773	45253.188	30772.170	29.439	26.185
1.021				
3/23/2016 5:00:00 AM	1872000.000	71.542	16.823	161.156
38198.914	45269.422	30783.209	29.451	26.179
1.021				
3/23/2016 5:15:00 AM	1872900.000	71.541	16.818	161.154
38190.289	45264.047	30779.555	29.447	26.185
1.021				
3/23/2016 5:30:00 AM	1873800.000	71.534	16.831	161.137
38188.402	45248.879	30769.240	29.436	26.186
1.021				
3/23/2016 5:45:00 AM	1874700.000	71.512	16.817	161.088
38172.273	45243.508	30765.586	29.432	26.197
1.021				
3/23/2016 6:00:00 AM	1875600.000	71.526	16.815	161.118
38208.008	45288.020	30795.855	29.464	26.173
1.021				
3/23/2016 6:15:00 AM	1876500.000	71.509	16.808	161.082
38169.934	45250.355	30770.244	29.436	26.199
1.021				
3/23/2016 6:30:00 AM	1877400.000	71.521	16.816	161.108

38190.449	45265.855	30780.783	29.448	26.185
1.021				
3/23/2016 6:45:00 AM	1878300.000	71.505	16.819	161.072
38220.004	45297.746	30802.467	29.471	26.164
1.021				
3/23/2016 7:00:00 AM	1879200.000	71.514	16.827	161.092
38227.797	45299.695	30803.795	29.473	26.159
1.021				
3/23/2016 7:15:00 AM	1880100.000	71.498	16.815	161.057
38176.961	45251.406	30770.957	29.437	26.194
1.021				
3/23/2016 7:30:00 AM	1881000.000	71.495	16.814	161.050
38165.480	45239.145	30762.621	29.428	26.202
1.021				
3/23/2016 7:45:00 AM	1881900.000	71.496	16.817	161.051
38201.863	45278.938	30789.678	29.457	26.177
1.021				
3/23/2016 8:00:00 AM	1882800.000	71.495	16.818	161.050
38174.371	45245.555	30766.977	29.433	26.196
1.021				
3/23/2016 8:15:00 AM	1883700.000	71.507	16.818	161.076
38196.355	45271.613	30784.699	29.452	26.181
1.021				
3/23/2016 8:30:00 AM	1884600.000	71.491	16.823	161.041
38177.164	45243.648	30765.682	29.432	26.194
1.021				
3/23/2016 8:45:00 AM	1885500.000	71.503	16.821	161.068
38185.504	45255.414	30773.684	29.441	26.188
1.021				
3/23/2016 9:00:00 AM	1886400.000	71.488	16.828	161.034
38207.184	45273.641	30786.078	29.454	26.173
1.021				
3/23/2016 9:15:00 AM	1887300.000	71.503	16.816	161.067
38188.203	45263.746	30779.348	29.446	26.186
1.021				
3/23/2016 9:30:00 AM	1888200.000	71.510	16.821	161.082
38188.969	45259.262	30776.301	29.443	26.186
1.021				
3/23/2016 9:45:00 AM	1889100.000	71.508	16.824	161.078
38218.645	45291.090	30797.943	29.467	26.165
1.021				
3/23/2016 10:00:00 AM	1890000.000	71.493	16.821	161.045
38173.555	45240.992	30763.875	29.430	26.196
1.021				
3/23/2016 10:15:00 AM	1890900.000	71.496	16.830	161.051
38191.160	45252.684	30771.826	29.439	26.184
1.021				
3/23/2016 10:30:00 AM	1891800.000	71.515	16.819	161.095
38195.371	45268.555	30782.619	29.450	26.181
1.021				
3/23/2016 10:45:00 AM	1892700.000	71.503	16.823	161.066
38203.309	45273.910	30786.260	29.454	26.176
1.021				
3/23/2016 11:00:00 AM	1893600.000	71.522	16.812	161.110
38187.422	45266.230	30781.039	29.448	26.187
1.021				
3/23/2016 11:15:00 AM	1894500.000	71.521	16.821	161.109



38195.535	45267.215	30781.707	29.449	26.181
1.021				
3/23/2016 11:30:00 AM	1895400.000	71.522	16.819	161.110
38175.852	45245.516	30766.953	29.433	26.195
1.021				
3/23/2016 11:45:00 AM	1896300.000	71.527	16.819	161.121
38215.941	45293.559	30799.623	29.468	26.167
1.021				
3/23/2016 12:00:00 PM	1897200.000	71.529	16.822	161.126
38192.188	45262.258	30778.338	29.446	26.183
1.021				
3/23/2016 12:15:00 PM	1898100.000	71.530	16.818	161.128
38183.137	45255.125	30773.484	29.440	26.190
1.021				
3/23/2016 12:30:00 PM	1899000.000	71.516	16.818	161.098
38191.230	45265.266	30780.383	29.447	26.184
1.021				
3/23/2016 12:45:00 PM	1899900.000	71.522	16.808	161.111
38170.691	45250.715	30770.488	29.436	26.198
1.021				
3/23/2016 1:00:00 PM	1900800.000	71.539	16.810	161.150
38190.723	45273.023	30785.658	29.453	26.184
1.021				
3/23/2016 1:15:00 PM	1901700.000	71.544	16.815	161.159
38200.703	45279.730	30790.219	29.458	26.178
1.021				
3/23/2016 1:30:00 PM	1902600.000	71.528	16.815	161.123
38197.734	45275.578	30787.395	29.455	26.180
1.021				
3/23/2016 1:45:00 PM	1903500.000	71.528	16.820	161.124
38191.563	45263.672	30779.299	29.446	26.184
1.021				
3/23/2016 2:00:00 PM	1904400.000	71.529	16.825	161.125
38202.941	45271.578	30784.676	29.452	26.176
1.021				
3/23/2016 2:15:00 PM	1905300.000	71.529	16.826	161.125
38209.906	45279.484	30790.051	29.458	26.171
1.021				
3/23/2016 2:30:00 PM	1906200.000	71.544	16.820	161.159
38182.715	45253.094	30772.104	29.439	26.190
1.021				
3/23/2016 2:45:00 PM	1907100.000	71.526	16.815	161.119
38169.180	45242.184	30764.688	29.431	26.199
1.021				
3/23/2016 3:00:00 PM	1908000.000	71.530	16.816	161.128
38188.289	45263.398	30779.111	29.446	26.186
1.021				
3/23/2016 3:15:00 PM	1908900.000	71.544	16.824	161.160
38177.137	45242.453	30764.869	29.431	26.194
1.021				
3/23/2016 3:30:00 PM	1909800.000	71.525	16.823	161.117
38196.211	45265.953	30780.850	29.448	26.181
1.021				
3/23/2016 3:45:00 PM	1910700.000	71.541	16.808	161.153
38196.238	45280.914	30791.023	29.458	26.181
1.021				
3/23/2016 4:00:00 PM	1911600.000	71.538	16.812	161.146

38196.191	45277.523	30788.719	29.456	26.181
1.021				
3/23/2016 4:15:00 PM	1912500.000	71.519	16.819	161.104
38183.609	45254.879	30773.318	29.440	26.189
1.021				
3/23/2016 4:30:00 PM	1913400.000	71.517	16.818	161.099
38153.137	45219.930	30749.553	29.415	26.210
1.021				
3/23/2016 4:45:00 PM	1914300.000	71.530	16.811	161.128
38166.387	45243.000	30765.242	29.431	26.201
1.021				
3/23/2016 5:00:00 PM	1915200.000	71.513	16.813	161.089
38179.320	45256.184	30774.207	29.441	26.192
1.021				
3/23/2016 5:15:00 PM	1916100.000	71.526	16.810	161.118
38194.145	45276.898	30788.291	29.455	26.182
1.021				
3/23/2016 5:30:00 PM	1917000.000	71.506	16.821	161.074
38187.234	45257.113	30774.840	29.442	26.187
1.021				
3/23/2016 5:45:00 PM	1917900.000	71.503	16.818	161.066
38190.621	45264.184	30779.646	29.447	26.184
1.021				
3/23/2016 6:00:00 PM	1918800.000	71.493	16.817	161.046
38192.363	45267.594	30781.967	29.449	26.183
1.021				
3/23/2016 6:15:00 PM	1919700.000	71.490	16.825	161.037
38223.117	45295.859	30801.188	29.470	26.162
1.021				
3/23/2016 6:30:00 PM	1920600.000	71.489	16.819	161.036
38191.730	45264.410	30779.801	29.447	26.184
1.021				
3/23/2016 6:45:00 PM	1921500.000	71.502	16.819	161.066
38211.332	45287.469	30795.480	29.464	26.170
1.021				
3/23/2016 7:00:00 PM	1922400.000	71.496	16.821	161.052
38181.660	45251.035	30770.707	29.437	26.191
1.021				
3/23/2016 7:15:00 PM	1923300.000	71.494	16.819	161.047
38210.832	45287.684	30795.625	29.464	26.171
1.021				
3/23/2016 7:30:00 PM	1924200.000	71.493	16.825	161.044
38214.875	45286.273	30794.668	29.463	26.168
1.021				
3/23/2016 7:45:00 PM	1925100.000	71.490	16.818	161.039
38193.348	45267.953	30782.211	29.449	26.183
1.021				
3/23/2016 8:00:00 PM	1926000.000	71.486	16.813	161.028
38193.277	45272.641	30785.398	29.453	26.183
1.021				
3/23/2016 8:15:00 PM	1926900.000	71.466	16.817	160.984
38188.672	45262.680	30778.623	29.446	26.186
1.021				
3/23/2016 8:30:00 PM	1927800.000	71.483	16.811	161.024
38195.086	45277.117	30788.441	29.456	26.181
1.021				
3/23/2016 8:45:00 PM	1928700.000	71.463	16.819	160.976

38190.305	45263.082	30778.898	29.446	26.185
1.021				
3/23/2016 9:00:00 PM	1929600.000	71.464	16.822	160.979
38181.984	45250.336	30770.229	29.437	26.190
1.021				
3/23/2016 9:15:00 PM	1930500.000	71.481	16.823	161.018
38186.492	45254.703	30773.201	29.440	26.187
1.021				
3/23/2016 9:30:00 PM	1931400.000	71.483	16.818	161.022
38199.066	45274.004	30786.324	29.454	26.179
1.021				
3/23/2016 9:45:00 PM	1932300.000	71.467	16.820	160.986
38185.941	45257.008	30774.768	29.442	26.188
1.021				
3/23/2016 10:00:00 PM	1933200.000	71.471	16.817	160.996
38188.285	45262.305	30778.367	29.445	26.186
1.021				
3/23/2016 10:15:00 PM	1934100.000	71.465	16.821	160.981
38208.199	45282.133	30791.854	29.460	26.172
1.021				
3/23/2016 10:30:00 PM	1935000.000	71.469	16.814	160.991
38214.203	45295.910	30801.221	29.469	26.168
1.021				
3/23/2016 10:45:00 PM	1935900.000	71.473	16.820	160.999
38175.188	45244.172	30766.039	29.432	26.195
1.021				
3/23/2016 11:00:00 PM	1936800.000	71.488	16.819	161.034
38210.855	45287.258	30795.338	29.463	26.171
1.021				
3/23/2016 11:15:00 PM	1937700.000	71.473	16.830	160.999
38200.797	45263.832	30779.408	29.447	26.177
1.021				
3/23/2016 11:30:00 PM	1938600.000	71.495	16.825	161.049
38183.492	45248.355	30768.885	29.436	26.189
1.021				
3/23/2016 11:45:00 PM	1939500.000	71.481	16.819	161.018
38199.938	45274.500	30786.662	29.454	26.178
1.021				

Report Date: 3/24/2016 2:16:24 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

#### Log File Properties:

File Name: MPWSP MW-9S LT Test\_Append\_2016-03-24\_08-42-21-207-BaroMerge.wsl  
Create Date: 3/24/2016 2:13:55 PM

#### Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP MW-9S  
Device Name:  
Serial Number: 428901  
Firmware Version: 2.00  
Hardware Version: 3  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 0  
Used Battery(%): 2

#### Log Configuration

Log Name: MPWSP MW-9S LT Test  
Created By: KMakar  
Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0  
Create Date: 1/14/2016 6:28:09 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: 1.012

#### Other Log Settings

Depth of Probe: 31.3173 (ft)  
Head Pressure: 13.7398 (PSI)  
Temperature: 18.5758 (C)

#### Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

Date and Time	Note
1/14/2016 6:28:16 PM	Used Battery: 2% Used Memory: 3% User Name: KMakar
1/15/2016 10:00:13 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
1/21/2016 8:46:17 AM	Log Download - Used Battery: 2% Used Memory: 3% User Name: KMakar
1/28/2016 9:00:56 AM	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 9:00:00 AM
2/4/2016 10:05:20 AM	Log Download - Used Battery: 3% Used Memory: 4% User Name: CShaw Interval - Start Time:
1/15/2016 7:00:00 AM	Stop Time: 2/4/2016 11:00:00 AM
2/11/2016 9:53:29 AM	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 10:45:00 AM
2/18/2016 11:44:32 AM	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 11:45:00 AM
2/25/2016 11:30:42 AM	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 11:30:00 AM
3/3/2016 12:42:07 PM	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 1:30:00 PM
3/10/2016 2:28:02 PM	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 2:15:00 PM
3/17/2016 11:08:43 AM	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 12:00:00 PM
3/17/2016 12:19:12 PM	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 12:00:00 PM
3/17/2016 12:20:07 PM	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 1:00:00 PM
3/17/2016 4:20:09 PM	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 5:00:00 PM
3/24/2016 8:41:30 AM	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 8:30:00 AM
3/24/2016 2:13:55 PM	User Note: "Pressure & Level adjusted by baro data from: "MPWSP BaroTroll Pre Test_2016-03-24_13-31-57-718.wsl""

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Log Data:

Record Count: 850

Sensors: 2

1 - 428901: PCTD 100 PSIA (60.1m/197.3ft)

2 - 0: Baro-Adjustment Calc

Time Zone: Pacific Daylight Time

Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft
Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft
Sensor: PCTD(A) 197.3ft	Sensor: PCTD(A) 197.3ft	Sensor: Baro-Adj Calc	
SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901
SN#: 428901	SN#: 428901	SN#: 428901	SN#: 428901
SN#: 000000			

Date and Time	Elapsed Time	Corrected	Corrected	Actual
Conductivity (µS)	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)
Resistivity (ohm-cm)	Specific Conductivity (µS)	Salinity (PSU)	Total Dissolved Solids (ppm)	
	Water Density (g/cm3)	Barometric Pressure (PSI)		

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3/17/2016 12:00:00 AM	129600.000	26.735	16.931	60.937
1497.536	1770.364	0.905	1203.848	667.764
0.999	14.721			
3/17/2016 12:15:00 AM	130500.000	26.732	16.932	60.931
3224.927	3812.393	2.031	2592.427	310.085
1.000	14.719			
3/17/2016 12:30:00 AM	131400.000	26.724	16.932	60.912
1497.508	1770.321	0.905	1203.818	667.776
0.999	14.722			
3/17/2016 12:45:00 AM	132300.000	26.735	16.932	60.937
3221.528	3808.381	2.029	2589.699	310.412
1.000	14.716			
3/17/2016 1:00:00 AM	133200.000	26.731	16.932	60.928
1497.455	1770.252	0.905	1203.772	667.800
0.999	14.717			
3/17/2016 1:15:00 AM	134100.000	26.735	16.932	60.937
3219.221	3805.699	2.027	2587.876	310.634
1.000	14.715			
3/17/2016 1:30:00 AM	135000.000	26.737	16.932	60.943
1496.639	1769.276	0.904	1203.107	668.164
0.999	14.721			
3/17/2016 1:45:00 AM	135900.000	26.743	16.932	60.955
3219.463	3805.956	2.027	2588.050	310.611
1.000	14.714			
3/17/2016 2:00:00 AM	136800.000	26.735	16.932	60.937
1497.198	1769.937	0.905	1203.557	667.914
0.999	14.719			
3/17/2016 2:15:00 AM	137700.000	26.739	16.932	60.946
3222.506	3809.531	2.029	2590.481	310.318
1.000	14.714			
3/17/2016 2:30:00 AM	138600.000	26.740	16.932	60.949
1496.825	1769.514	0.904	1203.269	668.081
0.999	14.706			
3/17/2016 2:45:00 AM	139500.000	26.730	16.933	60.927
3220.979	3807.703	2.028	2589.238	310.465
1.000	14.711			
3/17/2016 3:00:00 AM	140400.000	26.744	16.932	60.957
1497.171	1769.898	0.905	1203.531	667.926
0.999	14.705			
3/17/2016 3:15:00 AM	141300.000	26.739	16.932	60.947
3215.736	3801.535	2.025	2585.044	310.971
1.000	14.700			
3/17/2016 3:30:00 AM	142200.000	26.735	16.932	60.938
1497.037	1769.764	0.905	1203.440	667.986
0.999	14.708			
3/17/2016 3:45:00 AM	143100.000	26.738	16.932	60.945
3216.427	3802.338	2.025	2585.590	310.904
1.000	14.703			
3/17/2016 4:00:00 AM	144000.000	26.739	16.933	60.945
1496.035	1768.548	0.904	1202.613	668.434
0.999	14.698			
3/17/2016 4:15:00 AM	144900.000	26.735	16.933	60.936
3217.845	3803.983	2.026	2586.708	310.767
1.000	14.697			
3/17/2016 4:30:00 AM	145800.000	26.728	16.933	60.922
1497.242	1769.968	0.905	1203.578	667.895

0.999	14.701			
3/17/2016 4:45:00 AM	146700.000	26.727	16.932	60.918
3227.626	3815.621	2.033	2594.622	309.825
1.000	14.703			
3/17/2016 5:00:00 AM	147600.000	26.732	16.932	60.930
1496.602	1769.239	0.904	1203.083	668.180
0.999	14.696			
3/17/2016 5:15:00 AM	148500.000	26.733	16.933	60.933
3214.244	3799.726	2.024	2583.814	311.115
1.000	14.695			
3/17/2016 5:30:00 AM	149400.000	26.735	16.932	60.938
1501.417	1774.921	0.907	1206.947	666.037
0.999	14.697			
3/17/2016 5:45:00 AM	150300.000	26.734	16.933	60.936
3212.178	3797.292	2.023	2582.159	311.315
1.000	14.693			
3/17/2016 6:00:00 AM	151200.000	26.735	16.933	60.937
1495.599	1768.019	0.904	1202.253	668.628
0.999	14.688			
3/17/2016 6:15:00 AM	152100.000	26.737	16.933	60.942
3210.653	3795.444	2.022	2580.902	311.463
1.000	14.695			
3/17/2016 6:30:00 AM	153000.000	26.738	16.933	60.944
1497.108	1769.810	0.905	1203.471	667.954
0.999	14.691			
3/17/2016 6:45:00 AM	153900.000	26.738	16.933	60.943
3216.202	3802.049	2.025	2585.394	310.926
1.000	14.688			
3/17/2016 7:00:00 AM	154800.000	26.729	16.933	60.925
1496.692	1769.318	0.904	1203.136	668.140
0.999	14.692			
3/17/2016 7:15:00 AM	155700.000	26.735	16.933	60.937
3217.768	3803.855	2.026	2586.622	310.774
1.000	14.694			
3/17/2016 7:30:00 AM	156600.000	26.733	16.934	60.932
1496.959	1769.599	0.904	1203.327	668.021
0.999	14.695			
3/17/2016 7:45:00 AM	157500.000	26.728	16.933	60.920
3211.268	3796.193	2.022	2581.411	311.404
1.000	14.694			
3/17/2016 8:00:00 AM	158400.000	26.731	16.933	60.927
1497.313	1770.049	0.905	1203.633	667.863
0.999	14.696			
3/17/2016 8:15:00 AM	159300.000	26.730	16.933	60.925
3217.126	3803.111	2.026	2586.115	310.836
1.000	14.699			
3/17/2016 8:30:00 AM	160200.000	26.734	16.933	60.935
1497.127	1769.811	0.905	1203.472	667.946
0.999	14.699			
3/17/2016 8:45:00 AM	161100.000	26.738	16.933	60.944
3211.424	3796.392	2.022	2581.547	311.388
1.000	14.695			
3/17/2016 9:00:00 AM	162000.000	26.721	16.934	60.906
1496.327	1768.841	0.904	1202.812	668.303
0.999	14.697			
3/17/2016 9:15:00 AM	162900.000	26.734	16.933	60.936
3214.421	3799.927	2.024	2583.951	311.098

1.000	14.697			
3/17/2016 9:30:00 AM	163800.000	26.733	16.933	60.932
1497.651	1770.427	0.905	1203.891	667.712
0.999	14.696			
3/17/2016 9:45:00 AM	164700.000	26.730	16.933	60.925
3210.783	3795.568	2.022	2580.987	311.450
1.000	14.694			
3/17/2016 10:00:00 AM	165600.000	26.725	16.934	60.914
1497.083	1769.735	0.905	1203.420	667.966
0.999	14.698			
3/17/2016 10:15:00 AM	166500.000	26.738	16.934	60.944
3217.137	3803.056	2.026	2586.078	310.835
1.000	14.699			
3/17/2016 10:30:00 AM	167400.000	26.727	16.933	60.919
1497.802	1770.623	0.905	1204.024	667.645
0.999	14.699			
3/17/2016 10:45:00 AM	168300.000	26.721	16.934	60.904
3214.605	3800.034	2.024	2584.023	311.080
1.000	14.702			
3/17/2016 11:00:00 AM	169200.000	26.744	16.933	60.957
1497.740	1770.525	0.905	1203.957	667.673
0.999	14.689			
3/17/2016 11:15:00 AM	170100.000	14.056	16.942	32.039
1480.531	1749.860	0.894	1189.905	675.433
0.999	14.693			
3/17/2016 11:30:00 AM	171000.000	0.567	18.495	1.292
9960.756	11373.956	6.538	7734.291	100.394
1.003	14.694			
3/17/2016 11:45:00 AM	171900.000	0.790	24.847	1.801
11240.038	11273.025	6.501	7665.658	88.968
1.002	14.685			
3/17/2016 12:00:00 PM	172800.000	0.256	21.919	0.583
12241.867	13007.435	7.577	8845.057	81.687
1.004	14.688			
3/17/2016 12:15:00 PM	173700.000	26.667	19.081	60.783
4552.881	5133.226	2.791	3490.594	219.641
1.001	14.691			
3/17/2016 12:30:00 PM	174600.000	26.721	16.994	60.905
4555.874	5378.345	2.927	3657.275	219.497
1.001	14.695			
3/17/2016 12:45:00 PM	175500.000	26.733	16.953	60.933
4564.563	5393.578	2.936	3667.633	219.079
1.001	14.689			
3/17/2016 1:00:00 PM	176400.000	26.722	16.944	60.908
4562.524	5392.191	2.935	3666.690	219.177
1.001	14.693			
3/17/2016 1:15:00 PM	177300.000	26.718	16.942	60.899
4555.455	5384.135	2.931	3661.212	219.517
1.001	14.689			
3/17/2016 1:30:00 PM	178200.000	26.725	16.939	60.915
4553.222	5381.825	2.929	3659.641	219.625
1.001	14.692			
3/17/2016 1:45:00 PM	179100.000	26.729	16.938	60.924
4552.924	5381.591	2.929	3659.482	219.639
1.001	14.688			
3/17/2016 2:00:00 PM	180000.000	26.723	16.937	60.910
4555.482	5384.731	2.931	3661.617	219.516



1.001	14.689			
3/17/2016 2:15:00 PM	180900.000	26.720	16.938	60.902
4558.088	5387.694	2.933	3663.632	219.390
1.001	14.687			
3/17/2016 2:30:00 PM	181800.000	26.713	16.938	60.888
4560.470	5390.574	2.934	3665.590	219.276
1.001	14.690			
3/17/2016 2:45:00 PM	182700.000	26.727	16.938	60.920
4560.848	5390.998	2.935	3665.879	219.257
1.001	14.675			
3/17/2016 3:00:00 PM	183600.000	26.720	16.938	60.904
4561.234	5391.477	2.935	3666.204	219.239
1.001	14.684			
3/17/2016 3:15:00 PM	184500.000	26.728	16.937	60.922
4561.799	5392.218	2.935	3666.709	219.212
1.001	14.683			
3/17/2016 3:30:00 PM	185400.000	26.717	16.938	60.895
4561.666	5391.976	2.935	3666.544	219.218
1.001	14.684			
3/17/2016 3:45:00 PM	186300.000	26.718	16.937	60.898
4560.634	5390.820	2.934	3665.758	219.268
1.001	14.682			
3/17/2016 4:00:00 PM	187200.000	26.723	16.937	60.909
4560.217	5390.339	2.934	3665.431	219.288
1.001	14.684			
3/17/2016 4:15:00 PM	188100.000	26.720	16.939	60.904
4559.012	5388.635	2.933	3664.272	219.346
1.001	14.680			
3/17/2016 4:30:00 PM	189000.000	26.730	16.967	60.927
4560.575	5387.182	2.932	3663.284	219.271
1.001	14.680			
3/17/2016 4:45:00 PM	189900.000	26.730	16.938	60.927
4558.736	5388.471	2.933	3664.160	219.359
1.001	14.676			
3/17/2016 5:00:00 PM	190800.000	26.725	16.937	60.914
4556.665	5386.098	2.932	3662.547	219.459
1.001	14.678			
3/17/2016 5:15:00 PM	191700.000	26.719	16.937	60.902
4556.348	5385.828	2.932	3662.364	219.474
1.001	14.682			
3/17/2016 5:30:00 PM	192600.000	26.715	16.937	60.892
4555.556	5384.851	2.931	3661.698	219.512
1.001	14.684			
3/17/2016 5:45:00 PM	193500.000	26.716	16.937	60.894
4554.136	5383.129	2.930	3660.528	219.581
1.001	14.681			
3/17/2016 6:00:00 PM	194400.000	26.720	16.937	60.903
4553.343	5382.192	2.929	3659.891	219.619
1.001	14.678			
3/17/2016 6:15:00 PM	195300.000	26.712	16.938	60.885
4553.121	5381.875	2.929	3659.675	219.630
1.001	14.687			
3/17/2016 6:30:00 PM	196200.000	26.724	16.937	60.912
4552.845	5381.614	2.929	3659.498	219.643
1.001	14.686			
3/17/2016 6:45:00 PM	197100.000	26.719	16.937	60.900
4551.498	5380.000	2.928	3658.400	219.708

1.001	14.687			
3/17/2016 7:00:00 PM	198000.000	26.717	16.938	60.896
4550.016	5378.216	2.927	3657.187	219.779
1.001	14.694			
3/17/2016 7:15:00 PM	198900.000	26.711	16.938	60.883
4548.303	5376.159	2.926	3655.788	219.862
1.001	14.690			
3/17/2016 7:30:00 PM	199800.000	26.713	16.937	60.887
4548.073	5375.963	2.926	3655.655	219.873
1.001	14.693			
3/17/2016 7:45:00 PM	200700.000	26.714	16.938	60.889
4546.667	5374.268	2.925	3654.502	219.941
1.001	14.692			
3/17/2016 8:00:00 PM	201600.000	26.704	16.938	60.866
4546.157	5373.592	2.924	3654.043	219.966
1.001	14.703			
3/17/2016 8:15:00 PM	202500.000	26.714	16.938	60.890
4545.330	5372.614	2.924	3653.377	220.006
1.001	14.701			
3/17/2016 8:30:00 PM	203400.000	26.715	16.938	60.892
4544.375	5371.505	2.923	3652.624	220.052
1.001	14.699			
3/17/2016 8:45:00 PM	204300.000	26.702	16.939	60.862
4543.112	5369.939	2.922	3651.559	220.113
1.001	14.710			
3/17/2016 9:00:00 PM	205200.000	26.712	16.939	60.884
4542.511	5369.166	2.922	3651.033	220.143
1.001	14.704			
3/17/2016 9:15:00 PM	206100.000	26.719	16.938	60.901
4540.767	5367.221	2.921	3649.710	220.227
1.001	14.703			
3/17/2016 9:30:00 PM	207000.000	26.710	16.938	60.880
4540.348	5366.704	2.921	3649.359	220.247
1.001	14.707			
3/17/2016 9:45:00 PM	207900.000	26.716	16.939	60.893
4539.562	5365.689	2.920	3648.668	220.286
1.001	14.709			
3/17/2016 10:00:00 PM	208800.000	26.714	16.939	60.889
4539.030	5365.104	2.920	3648.271	220.311
1.001	14.712			
3/17/2016 10:15:00 PM	209700.000	26.720	16.938	60.904
4538.434	5364.420	2.919	3647.806	220.340
1.001	14.707			
3/17/2016 10:30:00 PM	210600.000	26.714	16.939	60.890
4537.573	5363.295	2.919	3647.041	220.382
1.001	14.710			
3/17/2016 10:45:00 PM	211500.000	26.706	16.938	60.871
4537.352	5363.142	2.918	3646.937	220.393
1.001	14.715			
3/17/2016 11:00:00 PM	212400.000	26.712	16.940	60.885
4536.681	5362.179	2.918	3646.282	220.425
1.001	14.713			
3/17/2016 11:15:00 PM	213300.000	26.710	16.939	60.881
4535.969	5361.442	2.917	3645.781	220.460
1.001	14.710			
3/17/2016 11:30:00 PM	214200.000	26.719	16.939	60.900
4534.803	5360.098	2.917	3644.867	220.517

1.001	14.710			
3/17/2016 11:45:00 PM	215100.000	26.716	16.939	60.894
4534.518	5359.771	2.916	3644.644	220.531
1.001	14.712			
3/18/2016 12:00:00 AM	216000.000	26.712	16.939	60.884
4533.351	5358.305	2.916	3643.648	220.587
1.001	14.714			
3/18/2016 12:15:00 AM	216900.000	26.707	16.939	60.873
4533.932	5358.992	2.916	3644.115	220.559
1.001	14.712			
3/18/2016 12:30:00 AM	217800.000	26.703	16.940	60.865
4534.268	5359.337	2.916	3644.350	220.543
1.001	14.708			
3/18/2016 12:45:00 AM	218700.000	26.722	16.939	60.907
4533.694	5358.711	2.916	3643.924	220.571
1.001	14.707			
3/18/2016 1:00:00 AM	219600.000	26.721	16.939	60.906
4535.009	5360.256	2.917	3644.974	220.507
1.001	14.705			
3/18/2016 1:15:00 AM	220500.000	26.707	16.939	60.873
4534.478	5359.712	2.916	3644.605	220.533
1.001	14.709			
3/18/2016 1:30:00 AM	221400.000	26.711	16.938	60.882
4534.582	5359.888	2.917	3644.724	220.528
1.001	14.708			
3/18/2016 1:45:00 AM	222300.000	26.711	16.940	60.882
4534.602	5359.742	2.916	3644.625	220.527
1.001	14.705			
3/18/2016 2:00:00 AM	223200.000	26.714	16.938	60.890
4534.270	5359.499	2.916	3644.459	220.543
1.001	14.709			
3/18/2016 2:15:00 AM	224100.000	26.706	16.940	60.871
4533.841	5358.821	2.916	3643.999	220.564
1.001	14.710			
3/18/2016 2:30:00 AM	225000.000	26.719	16.940	60.901
4532.833	5357.652	2.915	3643.204	220.613
1.001	14.703			
3/18/2016 2:45:00 AM	225900.000	26.719	16.939	60.900
4532.778	5357.682	2.915	3643.224	220.615
1.001	14.706			
3/18/2016 3:00:00 AM	226800.000	26.711	16.939	60.882
4533.469	5358.435	2.916	3643.736	220.582
1.001	14.705			
3/18/2016 3:15:00 AM	227700.000	26.709	16.939	60.879
4533.292	5358.279	2.916	3643.630	220.590
1.001	14.704			
3/18/2016 3:30:00 AM	228600.000	26.711	16.939	60.883
4532.365	5357.140	2.915	3642.855	220.635
1.001	14.705			
3/18/2016 3:45:00 AM	229500.000	26.714	16.939	60.890
4532.177	5356.908	2.915	3642.698	220.645
1.001	14.703			
3/18/2016 4:00:00 AM	230400.000	26.715	16.939	60.892
4532.458	5357.249	2.915	3642.929	220.631
1.001	14.697			
3/18/2016 4:15:00 AM	231300.000	26.714	16.939	60.889
4533.150	5358.101	2.916	3643.509	220.597

1.001	14.702			
3/18/2016 4:30:00 AM	232200.000	26.710	16.940	60.881
4532.684	5357.486	2.915	3643.091	220.620
1.001	14.696			
3/18/2016 4:45:00 AM	233100.000	26.708	16.940	60.876
4532.769	5357.512	2.915	3643.109	220.616
1.001	14.704			
3/18/2016 5:00:00 AM	234000.000	26.723	16.940	60.910
4532.810	5357.646	2.915	3643.199	220.614
1.001	14.694			
3/18/2016 5:15:00 AM	234900.000	26.704	16.939	60.867
4532.521	5357.345	2.915	3642.995	220.628
1.001	14.713			
3/18/2016 5:30:00 AM	235800.000	26.722	16.940	60.907
4532.529	5357.282	2.915	3642.952	220.627
1.001	14.700			
3/18/2016 5:45:00 AM	236700.000	26.707	16.940	60.874
4532.537	5357.301	2.915	3642.965	220.627
1.001	14.706			
3/18/2016 6:00:00 AM	237600.000	26.708	16.940	60.875
4532.198	5356.806	2.915	3642.628	220.643
1.001	14.709			
3/18/2016 6:15:00 AM	238500.000	26.706	16.940	60.870
4531.629	5356.187	2.914	3642.207	220.671
1.001	14.712			
3/18/2016 6:30:00 AM	239400.000	26.704	16.940	60.866
4530.925	5355.344	2.914	3641.634	220.705
1.001	14.714			
3/18/2016 6:45:00 AM	240300.000	26.715	16.941	60.892
4529.600	5353.703	2.913	3640.518	220.770
1.001	14.714			
3/18/2016 7:00:00 AM	241200.000	26.706	16.940	60.870
4528.462	5352.454	2.912	3639.669	220.826
1.001	14.715			
3/18/2016 7:15:00 AM	242100.000	26.706	16.941	60.872
4527.521	5351.266	2.912	3638.861	220.871
1.001	14.717			
3/18/2016 7:30:00 AM	243000.000	26.696	16.941	60.847
4526.646	5350.223	2.911	3638.152	220.914
1.001	14.725			
3/18/2016 7:45:00 AM	243900.000	26.708	16.940	60.877
4525.014	5348.357	2.910	3636.883	220.994
1.001	14.719			
3/18/2016 8:00:00 AM	244800.000	26.714	16.941	60.888
4525.034	5348.286	2.910	3636.834	220.993
1.001	14.720			
3/18/2016 8:15:00 AM	245700.000	26.708	16.941	60.875
4524.223	5347.358	2.909	3636.204	221.032
1.001	14.720			
3/18/2016 8:30:00 AM	246600.000	26.706	16.941	60.872
4523.712	5346.754	2.909	3635.793	221.057
1.001	14.721			
3/18/2016 8:45:00 AM	247500.000	26.703	16.940	60.864
4523.689	5346.770	2.909	3635.803	221.059
1.001	14.733			
3/18/2016 9:00:00 AM	248400.000	26.702	16.942	60.863
4523.110	5345.906	2.908	3635.217	221.087

1.001	14.730			
3/18/2016 9:15:00 AM	249300.000	26.705	16.942	60.868
4522.364	5345.056	2.908	3634.638	221.123
1.001	14.734			
3/18/2016 9:30:00 AM	250200.000	26.698	16.941	60.853
4522.147	5344.852	2.908	3634.499	221.134
1.001	14.732			
3/18/2016 9:45:00 AM	251100.000	26.701	16.941	60.861
4521.051	5343.568	2.907	3633.627	221.188
1.001	14.733			
3/18/2016 10:00:00 AM	252000.000	26.699	16.941	60.855
4521.148	5343.660	2.907	3633.689	221.183
1.001	14.735			
3/18/2016 10:15:00 AM	252900.000	26.707	16.941	60.872
4520.598	5343.042	2.907	3633.269	221.210
1.001	14.744			
3/18/2016 10:30:00 AM	253800.000	26.704	16.941	60.866
4520.353	5342.689	2.907	3633.029	221.222
1.001	14.739			
3/18/2016 10:45:00 AM	254700.000	26.695	16.942	60.846
4519.782	5342.004	2.906	3632.563	221.250
1.001	14.746			
3/18/2016 11:00:00 AM	255600.000	26.704	16.942	60.868
4519.603	5341.771	2.906	3632.404	221.258
1.001	14.740			
3/18/2016 11:15:00 AM	256500.000	26.704	16.942	60.867
4518.863	5340.908	2.906	3631.818	221.295
1.001	14.739			
3/18/2016 11:30:00 AM	257400.000	26.702	16.942	60.861
4518.935	5340.981	2.906	3631.867	221.291
1.001	14.745			
3/18/2016 11:45:00 AM	258300.000	26.695	16.941	60.846
4518.782	5340.833	2.906	3631.767	221.299
1.001	14.748			
3/18/2016 12:00:00 PM	259200.000	26.693	16.941	60.841
4517.322	5339.118	2.905	3630.600	221.370
1.001	14.751			
3/18/2016 12:15:00 PM	260100.000	26.692	16.942	60.840
4517.093	5338.741	2.904	3630.344	221.381
1.001	14.749			
3/18/2016 12:30:00 PM	261000.000	26.701	16.943	60.861
4516.904	5338.486	2.904	3630.171	221.391
1.001	14.748			
3/18/2016 12:45:00 PM	261900.000	26.695	16.942	60.846
4516.418	5337.923	2.904	3629.788	221.414
1.001	14.753			
3/18/2016 1:00:00 PM	262800.000	26.694	16.942	60.844
4516.047	5337.547	2.904	3629.532	221.433
1.001	14.749			
3/18/2016 1:15:00 PM	263700.000	26.703	16.943	60.864
4516.734	5338.275	2.904	3630.027	221.399
1.001	14.742			
3/18/2016 1:30:00 PM	264600.000	26.694	16.942	60.843
4516.013	5337.518	2.904	3629.512	221.434
1.001	14.746			
3/18/2016 1:45:00 PM	265500.000	26.704	16.942	60.867
4516.127	5337.674	2.904	3629.618	221.429

1.001	14.745			
3/18/2016 2:00:00 PM	266400.000	26.706	16.943	60.872
4515.827	5337.181	2.903	3629.283	221.443
1.001	14.734			
3/18/2016 2:15:00 PM	267300.000	26.698	16.942	60.854
4516.305	5337.852	2.904	3629.739	221.420
1.001	14.739			
3/18/2016 2:30:00 PM	268200.000	26.695	16.943	60.847
4516.609	5338.096	2.904	3629.906	221.405
1.001	14.737			
3/18/2016 2:45:00 PM	269100.000	26.694	16.942	60.843
4517.091	5338.729	2.904	3630.336	221.381
1.001	14.735			
3/18/2016 3:00:00 PM	270000.000	26.705	16.942	60.869
4517.747	5339.547	2.905	3630.893	221.349
1.001	14.731			
3/18/2016 3:15:00 PM	270900.000	26.698	16.942	60.852
4518.322	5340.227	2.905	3631.354	221.321
1.001	14.726			
3/18/2016 3:30:00 PM	271800.000	26.696	16.942	60.848
4518.568	5340.496	2.905	3631.537	221.309
1.001	14.726			
3/18/2016 3:45:00 PM	272700.000	26.700	16.943	60.857
4519.419	5341.427	2.906	3632.170	221.267
1.001	14.725			
3/18/2016 4:00:00 PM	273600.000	26.710	16.942	60.881
4519.482	5341.598	2.906	3632.287	221.264
1.001	14.722			
3/18/2016 4:15:00 PM	274500.000	26.698	16.942	60.852
4520.021	5342.234	2.906	3632.719	221.238
1.001	14.726			
3/18/2016 4:30:00 PM	275400.000	26.692	16.942	60.839
4519.994	5342.159	2.906	3632.668	221.239
1.001	14.731			
3/18/2016 4:45:00 PM	276300.000	26.700	16.942	60.857
4519.803	5342.028	2.906	3632.580	221.249
1.001	14.720			
3/18/2016 5:00:00 PM	277200.000	26.702	16.942	60.863
4519.495	5341.601	2.906	3632.289	221.264
1.001	14.728			
3/18/2016 5:15:00 PM	278100.000	26.696	16.942	60.849
4519.470	5341.572	2.906	3632.269	221.265
1.001	14.722			
3/18/2016 5:30:00 PM	279000.000	26.705	16.941	60.869
4519.254	5341.401	2.906	3632.153	221.275
1.001	14.732			
3/18/2016 5:45:00 PM	279900.000	26.711	16.942	60.883
4519.135	5341.187	2.906	3632.008	221.281
1.001	14.723			
3/18/2016 6:00:00 PM	280800.000	26.693	16.942	60.842
4518.166	5340.021	2.905	3631.215	221.329
1.001	14.725			
3/18/2016 6:15:00 PM	281700.000	26.712	16.942	60.884
4517.332	5339.003	2.904	3630.523	221.370
1.001	14.729			
3/18/2016 6:30:00 PM	282600.000	26.687	16.942	60.829
4517.426	5339.177	2.905	3630.640	221.365

1.001	14.733			
3/18/2016 6:45:00 PM	283500.000	26.702	16.942	60.862
4517.017	5338.726	2.904	3630.334	221.385
1.001	14.732			
3/18/2016 7:00:00 PM	284400.000	26.710	16.943	60.880
4516.210	5337.615	2.904	3629.578	221.425
1.001	14.729			
3/18/2016 7:15:00 PM	285300.000	26.693	16.943	60.841
4516.517	5337.978	2.904	3629.825	221.410
1.001	14.730			
3/18/2016 7:30:00 PM	286200.000	26.692	16.942	60.839
4516.303	5337.797	2.904	3629.702	221.420
1.001	14.735			
3/18/2016 7:45:00 PM	287100.000	26.697	16.943	60.851
4515.726	5337.042	2.903	3629.189	221.448
1.001	14.738			
3/18/2016 8:00:00 PM	288000.000	26.699	16.943	60.856
4515.707	5337.070	2.903	3629.208	221.449
1.001	14.733			
3/18/2016 8:15:00 PM	288900.000	26.684	16.943	60.820
4514.862	5335.977	2.903	3628.464	221.491
1.001	14.740			
3/18/2016 8:30:00 PM	289800.000	26.693	16.943	60.841
4514.985	5336.145	2.903	3628.578	221.485
1.001	14.736			
3/18/2016 8:45:00 PM	290700.000	26.699	16.943	60.854
4514.409	5335.464	2.902	3628.116	221.513
1.001	14.735			
3/18/2016 9:00:00 PM	291600.000	26.701	16.943	60.860
4513.840	5334.770	2.902	3627.644	221.541
1.001	14.743			
3/18/2016 9:15:00 PM	292500.000	26.704	16.944	60.866
4513.302	5334.072	2.902	3627.169	221.567
1.001	14.741			
3/18/2016 9:30:00 PM	293400.000	26.698	16.943	60.852
4513.087	5333.975	2.902	3627.103	221.578
1.001	14.741			
3/18/2016 9:45:00 PM	294300.000	26.687	16.943	60.827
4512.622	5333.393	2.901	3626.708	221.601
1.001	14.743			
3/18/2016 10:00:00 PM	295200.000	26.690	16.944	60.834
4513.509	5334.295	2.902	3627.321	221.557
1.001	14.745			
3/18/2016 10:15:00 PM	296100.000	26.695	16.943	60.847
4512.070	5332.699	2.901	3626.236	221.628
1.001	14.747			
3/18/2016 10:30:00 PM	297000.000	26.694	16.943	60.844
4512.143	5332.796	2.901	3626.302	221.624
1.001	14.749			
3/18/2016 10:45:00 PM	297900.000	26.688	16.944	60.830
4511.415	5331.788	2.900	3625.616	221.660
1.001	14.743			
3/18/2016 11:00:00 PM	298800.000	26.686	16.943	60.826
4511.704	5332.267	2.901	3625.942	221.646
1.001	14.746			
3/18/2016 11:15:00 PM	299700.000	26.694	16.944	60.845
4510.704	5331.001	2.900	3625.081	221.695

1.001	14.741			
3/18/2016 11:30:00 PM	300600.000	26.690	16.943	60.836
4511.485	5332.008	2.900	3625.766	221.656
1.001	14.742			
3/18/2016 11:45:00 PM	301500.000	26.692	16.944	60.839
4511.912	5332.460	2.901	3626.073	221.636
1.001	14.743			
3/19/2016 12:00:00 AM	302400.000	26.697	16.944	60.850
4511.125	5331.478	2.900	3625.405	221.674
1.001	14.741			
3/19/2016 12:15:00 AM	303300.000	26.694	16.944	60.845
4510.988	5331.369	2.900	3625.331	221.681
1.001	14.743			
3/19/2016 12:30:00 AM	304200.000	26.688	16.943	60.829
4511.624	5332.245	2.901	3625.927	221.650
1.001	14.747			
3/19/2016 12:45:00 AM	305100.000	26.682	16.943	60.817
4511.076	5331.525	2.900	3625.437	221.677
1.001	14.748			
3/19/2016 1:00:00 AM	306000.000	26.682	16.943	60.817
4510.589	5331.022	2.900	3625.095	221.701
1.001	14.746			
3/19/2016 1:15:00 AM	306900.000	26.689	16.943	60.834
4510.658	5331.062	2.900	3625.123	221.697
1.001	14.748			
3/19/2016 1:30:00 AM	307800.000	26.690	16.943	60.834
4511.161	5331.582	2.900	3625.476	221.672
1.001	14.749			
3/19/2016 1:45:00 AM	308700.000	26.694	16.943	60.843
4511.149	5331.611	2.900	3625.495	221.673
1.001	14.748			
3/19/2016 2:00:00 AM	309600.000	26.700	16.943	60.857
4510.805	5331.193	2.900	3625.212	221.690
1.001	14.744			
3/19/2016 2:15:00 AM	310500.000	26.696	16.944	60.849
4510.951	5331.280	2.900	3625.271	221.683
1.001	14.746			
3/19/2016 2:30:00 AM	311400.000	26.695	16.943	60.846
4510.742	5331.099	2.900	3625.147	221.693
1.001	14.749			
3/19/2016 2:45:00 AM	312300.000	26.696	16.944	60.849
4511.576	5332.020	2.900	3625.774	221.652
1.001	14.741			
3/19/2016 3:00:00 AM	313200.000	26.698	16.943	60.853
4510.988	5331.410	2.900	3625.359	221.681
1.001	14.742			
3/19/2016 3:15:00 AM	314100.000	26.694	16.944	60.844
4510.523	5330.808	2.900	3624.949	221.704
1.001	14.748			
3/19/2016 3:30:00 AM	315000.000	26.696	16.943	60.849
4509.912	5330.106	2.899	3624.473	221.734
1.001	14.745			
3/19/2016 3:45:00 AM	315900.000	26.687	16.943	60.828
4510.232	5330.485	2.900	3624.730	221.718
1.001	14.749			
3/19/2016 4:00:00 AM	316800.000	26.689	16.944	60.833
4510.636	5330.846	2.900	3624.975	221.698



1.001	14.742			
3/19/2016 4:15:00 AM	317700.000	26.694	16.943	60.844
4510.340	5330.624	2.900	3624.824	221.713
1.001	14.746			
3/19/2016 4:30:00 AM	318600.000	26.682	16.944	60.816
4510.105	5330.250	2.899	3624.570	221.724
1.001	14.750			
3/19/2016 4:45:00 AM	319500.000	26.688	16.944	60.830
4510.515	5330.787	2.900	3624.935	221.704
1.001	14.743			
3/19/2016 5:00:00 AM	320400.000	26.693	16.944	60.841
4509.958	5330.129	2.899	3624.488	221.732
1.001	14.745			
3/19/2016 5:15:00 AM	321300.000	26.703	16.944	60.865
4510.432	5330.700	2.900	3624.876	221.708
1.001	14.747			
3/19/2016 5:30:00 AM	322200.000	26.699	16.943	60.856
4510.432	5330.764	2.900	3624.920	221.708
1.001	14.749			
3/19/2016 5:45:00 AM	323100.000	26.695	16.945	60.847
4510.569	5330.734	2.900	3624.900	221.702
1.001	14.745			
3/19/2016 6:00:00 AM	324000.000	26.696	16.943	60.848
4510.443	5330.745	2.900	3624.907	221.708
1.001	14.748			
3/19/2016 6:15:00 AM	324900.000	26.695	16.944	60.847
4509.588	5329.661	2.899	3624.170	221.750
1.001	14.757			
3/19/2016 6:30:00 AM	325800.000	26.686	16.943	60.825
4508.734	5328.714	2.899	3623.526	221.792
1.001	14.755			
3/19/2016 6:45:00 AM	326700.000	26.686	16.944	60.825
4508.124	5327.961	2.898	3623.013	221.822
1.001	14.752			
3/19/2016 7:00:00 AM	327600.000	26.694	16.944	60.844
4508.323	5328.113	2.898	3623.117	221.812
1.001	14.749			
3/19/2016 7:15:00 AM	328500.000	26.685	16.944	60.824
4508.649	5328.498	2.898	3623.379	221.796
1.001	14.755			
3/19/2016 7:30:00 AM	329400.000	26.684	16.944	60.821
4508.436	5328.298	2.898	3623.243	221.806
1.001	14.754			
3/19/2016 7:45:00 AM	330300.000	26.680	16.944	60.812
4508.646	5328.569	2.898	3623.427	221.796
1.001	14.764			
3/19/2016 8:00:00 AM	331200.000	26.685	16.944	60.823
4507.502	5327.154	2.898	3622.465	221.852
1.001	14.764			
3/19/2016 8:15:00 AM	332100.000	26.694	16.944	60.844
4507.416	5327.061	2.898	3622.402	221.857
1.001	14.760			
3/19/2016 8:30:00 AM	333000.000	26.685	16.945	60.824
4506.949	5326.479	2.897	3622.005	221.880
1.001	14.762			
3/19/2016 8:45:00 AM	333900.000	26.694	16.945	60.844
4506.783	5326.240	2.897	3621.844	221.888

1.001	14.762			
3/19/2016 9:00:00 AM	334800.000	26.695	16.945	60.847
4506.401	5325.800	2.897	3621.544	221.907
1.001	14.768			
3/19/2016 9:15:00 AM	335700.000	26.702	16.945	60.863
4506.017	5325.354	2.897	3621.241	221.926
1.001	14.763			
3/19/2016 9:30:00 AM	336600.000	26.678	16.945	60.808
4505.902	5325.242	2.897	3621.165	221.931
1.001	14.767			
3/19/2016 9:45:00 AM	337500.000	26.680	16.944	60.812
4505.598	5324.904	2.896	3620.935	221.946
1.001	14.764			
3/19/2016 10:00:00 AM	338400.000	26.682	16.945	60.816
4504.919	5324.057	2.896	3620.359	221.980
1.001	14.765			
3/19/2016 10:15:00 AM	339300.000	26.693	16.945	60.841
4504.028	5323.015	2.895	3619.651	222.023
1.001	14.768			
3/19/2016 10:30:00 AM	340200.000	26.682	16.945	60.816
4504.590	5323.639	2.896	3620.074	221.996
1.001	14.773			
3/19/2016 10:45:00 AM	341100.000	26.686	16.944	60.826
4504.819	5323.983	2.896	3620.309	221.985
1.001	14.766			
3/19/2016 11:00:00 AM	342000.000	26.682	16.945	60.817
4504.453	5323.517	2.896	3619.992	222.003
1.001	14.768			
3/19/2016 11:15:00 AM	342900.000	26.695	16.945	60.846
4504.397	5323.420	2.895	3619.926	222.005
1.001	14.765			
3/19/2016 11:30:00 AM	343800.000	26.687	16.945	60.827
4504.917	5323.981	2.896	3620.307	221.980
1.001	14.766			
3/19/2016 11:45:00 AM	344700.000	26.677	16.945	60.806
4504.459	5323.452	2.895	3619.948	222.002
1.001	14.767			
3/19/2016 12:00:00 PM	345600.000	26.681	16.944	60.815
4504.705	5323.836	2.896	3620.209	221.990
1.001	14.767			
3/19/2016 12:15:00 PM	346500.000	26.693	16.945	60.842
4504.387	5323.354	2.895	3619.881	222.006
1.001	14.765			
3/19/2016 12:30:00 PM	347400.000	26.689	16.944	60.832
4504.220	5323.284	2.895	3619.833	222.014
1.001	14.764			
3/19/2016 12:45:00 PM	348300.000	26.693	16.945	60.841
4505.117	5324.250	2.896	3620.490	221.970
1.001	14.760			
3/19/2016 1:00:00 PM	349200.000	26.688	16.945	60.831
4506.012	5325.296	2.897	3621.202	221.926
1.001	14.767			
3/19/2016 1:15:00 PM	350100.000	26.694	16.944	60.843
4505.882	5325.240	2.897	3621.163	221.932
1.001	14.766			
3/19/2016 1:30:00 PM	351000.000	26.676	16.945	60.802
4506.054	5325.409	2.897	3621.279	221.924

1.001	14.769			
3/19/2016 1:45:00 PM	351900.000	26.687	16.945	60.828
4505.854	5325.173	2.896	3621.118	221.934
1.001	14.766			
3/19/2016 2:00:00 PM	352800.000	26.686	16.944	60.825
4504.465	5323.585	2.896	3620.038	222.002
1.001	14.764			
3/19/2016 2:15:00 PM	353700.000	26.676	16.945	60.804
4505.261	5324.483	2.896	3620.649	221.963
1.001	14.767			
3/19/2016 2:30:00 PM	354600.000	26.681	16.944	60.814
4504.744	5323.915	2.896	3620.262	221.988
1.001	14.762			
3/19/2016 2:45:00 PM	355500.000	26.686	16.944	60.825
4505.435	5324.721	2.896	3620.810	221.954
1.001	14.759			
3/19/2016 3:00:00 PM	356400.000	26.693	16.945	60.842
4504.666	5323.758	2.896	3620.156	221.992
1.001	14.763			
3/19/2016 3:15:00 PM	357300.000	26.699	16.945	60.856
4504.771	5323.904	2.896	3620.255	221.987
1.001	14.754			
3/19/2016 3:30:00 PM	358200.000	26.693	16.945	60.841
4504.643	5323.700	2.896	3620.116	221.993
1.001	14.751			
3/19/2016 3:45:00 PM	359100.000	26.683	16.944	60.818
4504.383	5323.456	2.895	3619.950	222.006
1.001	14.750			
3/19/2016 4:00:00 PM	360000.000	26.682	16.944	60.816
4505.053	5324.323	2.896	3620.540	221.973
1.001	14.757			
3/19/2016 4:15:00 PM	360900.000	26.687	16.945	60.828
4505.449	5324.675	2.896	3620.779	221.953
1.001	14.752			
3/19/2016 4:30:00 PM	361800.000	26.688	16.944	60.830
4506.849	5326.423	2.897	3621.968	221.885
1.001	14.751			
3/19/2016 4:45:00 PM	362700.000	26.690	16.945	60.836
4507.224	5326.792	2.897	3622.219	221.866
1.001	14.744			
3/19/2016 5:00:00 PM	363600.000	26.682	16.944	60.816
4507.728	5327.431	2.898	3622.653	221.841
1.001	14.748			
3/19/2016 5:15:00 PM	364500.000	26.682	16.945	60.817
4507.473	5327.086	2.898	3622.419	221.854
1.001	14.746			
3/19/2016 5:30:00 PM	365400.000	26.679	16.945	60.811
4506.332	5325.718	2.897	3621.489	221.910
1.001	14.750			
3/19/2016 5:45:00 PM	366300.000	26.681	16.945	60.814
4506.569	5325.933	2.897	3621.635	221.898
1.001	14.748			
3/19/2016 6:00:00 PM	367200.000	26.694	16.945	60.844
4507.196	5326.740	2.897	3622.183	221.867
1.001	14.743			
3/19/2016 6:15:00 PM	368100.000	26.693	16.945	60.841
4506.969	5326.439	2.897	3621.979	221.879

1.001	14.745			
3/19/2016 6:30:00 PM	369000.000	26.686	16.945	60.825
4506.398	5325.816	2.897	3621.555	221.907
1.001	14.745			
3/19/2016 6:45:00 PM	369900.000	26.688	16.945	60.829
4506.856	5326.326	2.897	3621.902	221.884
1.001	14.747			
3/19/2016 7:00:00 PM	370800.000	26.684	16.945	60.821
4505.246	5324.350	2.896	3620.558	221.963
1.001	14.745			
3/19/2016 7:15:00 PM	371700.000	26.690	16.945	60.834
4506.221	5325.566	2.897	3621.385	221.915
1.001	14.743			
3/19/2016 7:30:00 PM	372600.000	26.695	16.945	60.846
4506.798	5326.237	2.897	3621.841	221.887
1.001	14.741			
3/19/2016 7:45:00 PM	373500.000	26.686	16.945	60.825
4506.576	5325.932	2.897	3621.634	221.898
1.001	14.743			
3/19/2016 8:00:00 PM	374400.000	26.690	16.945	60.834
4505.320	5324.532	2.896	3620.682	221.960
1.001	14.750			
3/19/2016 8:15:00 PM	375300.000	26.686	16.946	60.825
4505.183	5324.264	2.896	3620.500	221.967
1.001	14.751			
3/19/2016 8:30:00 PM	376200.000	26.686	16.945	60.826
4504.889	5323.980	2.896	3620.307	221.981
1.001	14.746			
3/19/2016 8:45:00 PM	377100.000	26.688	16.945	60.830
4504.632	5323.688	2.896	3620.108	221.994
1.001	14.753			
3/19/2016 9:00:00 PM	378000.000	26.684	16.946	60.822
4504.720	5323.707	2.896	3620.121	221.989
1.001	14.752			
3/19/2016 9:15:00 PM	378900.000	26.681	16.946	60.815
4504.591	5323.534	2.896	3620.003	221.996
1.001	14.758			
3/19/2016 9:30:00 PM	379800.000	26.685	16.945	60.823
4504.292	5323.242	2.895	3619.805	222.010
1.001	14.759			
3/19/2016 9:45:00 PM	380700.000	26.681	16.945	60.813
4503.561	5322.358	2.895	3619.204	222.047
1.001	14.761			
3/19/2016 10:00:00 PM	381600.000	26.681	16.946	60.814
4502.686	5321.314	2.894	3618.494	222.090
1.001	14.759			
3/19/2016 10:15:00 PM	382500.000	26.691	16.946	60.836
4501.655	5320.043	2.894	3617.630	222.141
1.001	14.759			
3/19/2016 10:30:00 PM	383400.000	26.678	16.945	60.807
4501.845	5320.341	2.894	3617.832	222.131
1.001	14.759			
3/19/2016 10:45:00 PM	384300.000	26.679	16.946	60.809
4501.479	5319.855	2.893	3617.502	222.149
1.001	14.754			
3/19/2016 11:00:00 PM	385200.000	26.682	16.945	60.816
4500.957	5319.292	2.893	3617.119	222.175

1.001	14.766			
3/19/2016 11:15:00 PM	386100.000	26.685	16.946	60.824
4500.211	5318.347	2.893	3616.476	222.212
1.001	14.764			
3/19/2016 11:30:00 PM	387000.000	26.680	16.946	60.812
4500.100	5318.205	2.892	3616.379	222.217
1.001	14.764			
3/19/2016 11:45:00 PM	387900.000	26.674	16.945	60.798
4500.086	5318.304	2.893	3616.447	222.218
1.001	14.767			
3/20/2016 12:00:00 AM	388800.000	26.675	16.946	60.801
4499.943	5317.978	2.892	3616.225	222.225
1.001	14.765			
3/20/2016 12:15:00 AM	389700.000	26.681	16.946	60.813
4499.996	5318.103	2.892	3616.310	222.222
1.001	14.763			
3/20/2016 12:30:00 AM	390600.000	26.682	16.947	60.816
4500.327	5318.411	2.893	3616.520	222.206
1.001	14.768			
3/20/2016 12:45:00 AM	391500.000	26.673	16.946	60.797
4499.521	5317.489	2.892	3615.893	222.246
1.001	14.764			
3/20/2016 1:00:00 AM	392400.000	26.682	16.946	60.816
4498.827	5316.711	2.892	3615.364	222.280
1.001	14.768			
3/20/2016 1:15:00 AM	393300.000	26.684	16.946	60.822
4499.685	5317.735	2.892	3616.060	222.238
1.001	14.765			
3/20/2016 1:30:00 AM	394200.000	26.680	16.947	60.811
4499.117	5316.981	2.892	3615.547	222.266
1.001	14.764			
3/20/2016 1:45:00 AM	395100.000	26.677	16.946	60.805
4500.333	5318.449	2.893	3616.545	222.206
1.001	14.765			
3/20/2016 2:00:00 AM	396000.000	26.681	16.946	60.814
4498.670	5316.505	2.891	3615.224	222.288
1.001	14.770			
3/20/2016 2:15:00 AM	396900.000	26.677	16.946	60.804
4499.670	5317.697	2.892	3616.034	222.239
1.001	14.767			
3/20/2016 2:30:00 AM	397800.000	26.684	16.946	60.820
4499.814	5317.888	2.892	3616.164	222.231
1.001	14.770			
3/20/2016 2:45:00 AM	398700.000	26.669	16.946	60.786
4500.130	5318.293	2.892	3616.440	222.216
1.001	14.775			
3/20/2016 3:00:00 AM	399600.000	26.679	16.946	60.809
4500.125	5318.183	2.892	3616.365	222.216
1.001	14.767			
3/20/2016 3:15:00 AM	400500.000	26.680	16.946	60.812
4499.174	5317.122	2.892	3615.643	222.263
1.001	14.773			
3/20/2016 3:30:00 AM	401400.000	26.671	16.946	60.791
4498.927	5316.799	2.892	3615.423	222.275
1.001	14.765			
3/20/2016 3:45:00 AM	402300.000	26.685	16.946	60.824
4499.128	5317.003	2.892	3615.563	222.265

1.001	14.763			
3/20/2016 4:00:00 AM	403200.000	26.686	16.947	60.826
4499.229	5317.092	2.892	3615.623	222.260
1.001	14.758			
3/20/2016 4:15:00 AM	404100.000	26.690	16.946	60.836
4499.103	5317.037	2.892	3615.585	222.267
1.001	14.762			
3/20/2016 4:30:00 AM	405000.000	26.689	16.946	60.833
4498.826	5316.658	2.892	3615.328	222.280
1.001	14.763			
3/20/2016 4:45:00 AM	405900.000	26.680	16.946	60.812
4499.594	5317.596	2.892	3615.966	222.242
1.001	14.766			
3/20/2016 5:00:00 AM	406800.000	26.687	16.946	60.828
4499.171	5317.118	2.892	3615.640	222.263
1.001	14.758			
3/20/2016 5:15:00 AM	407700.000	26.687	16.946	60.828
4499.659	5317.631	2.892	3615.989	222.239
1.001	14.758			
3/20/2016 5:30:00 AM	408600.000	26.690	16.946	60.834
4500.112	5318.220	2.892	3616.389	222.217
1.001	14.762			
3/20/2016 5:45:00 AM	409500.000	26.677	16.946	60.806
4499.772	5317.828	2.892	3616.123	222.233
1.001	14.767			
3/20/2016 6:00:00 AM	410400.000	26.687	16.945	60.828
4499.727	5317.847	2.892	3616.136	222.236
1.001	14.765			
3/20/2016 6:15:00 AM	411300.000	26.681	16.946	60.815
4499.619	5317.626	2.892	3615.986	222.241
1.001	14.762			
3/20/2016 6:30:00 AM	412200.000	26.683	16.946	60.820
4499.329	5317.252	2.892	3615.732	222.255
1.001	14.759			
3/20/2016 6:45:00 AM	413100.000	26.682	16.946	60.818
4499.077	5316.996	2.892	3615.557	222.268
1.001	14.766			
3/20/2016 7:00:00 AM	414000.000	26.678	16.946	60.808
4498.320	5316.144	2.891	3614.978	222.305
1.001	14.767			
3/20/2016 7:15:00 AM	414900.000	26.683	16.947	60.819
4498.739	5316.513	2.891	3615.229	222.285
1.001	14.766			
3/20/2016 7:30:00 AM	415800.000	26.688	16.946	60.831
4498.586	5316.375	2.891	3615.135	222.292
1.001	14.761			
3/20/2016 7:45:00 AM	416700.000	26.678	16.947	60.808
4498.729	5316.479	2.891	3615.206	222.285
1.001	14.762			
3/20/2016 8:00:00 AM	417600.000	26.677	16.946	60.806
4498.084	5315.802	2.891	3614.746	222.317
1.001	14.771			
3/20/2016 8:15:00 AM	418500.000	26.683	16.947	60.818
4497.687	5315.290	2.891	3614.397	222.337
1.001	14.769			
3/20/2016 8:30:00 AM	419400.000	26.683	16.946	60.820
4497.786	5315.460	2.891	3614.513	222.332

1.001	14.769			
3/20/2016 8:45:00 AM	420300.000	26.681	16.947	60.814
4497.439	5314.977	2.891	3614.184	222.349
1.001	14.770			
3/20/2016 9:00:00 AM	421200.000	26.674	16.947	60.799
4497.046	5314.522	2.890	3613.875	222.368
1.001	14.772			
3/20/2016 9:15:00 AM	422100.000	26.665	16.947	60.778
4497.639	5315.182	2.891	3614.324	222.339
1.001	14.772			
3/20/2016 9:30:00 AM	423000.000	26.680	16.946	60.813
4497.130	5314.664	2.890	3613.972	222.364
1.001	14.767			
3/20/2016 9:45:00 AM	423900.000	26.683	16.947	60.820
4497.447	5314.996	2.891	3614.197	222.348
1.001	14.771			
3/20/2016 10:00:00 AM	424800.000	26.677	16.947	60.804
4498.417	5316.102	2.891	3614.949	222.300
1.001	14.773			
3/20/2016 10:15:00 AM	425700.000	26.677	16.947	60.805
4497.506	5315.045	2.891	3614.231	222.345
1.001	14.767			
3/20/2016 10:30:00 AM	426600.000	26.681	16.947	60.814
4497.362	5314.854	2.891	3614.101	222.353
1.001	14.773			
3/20/2016 10:45:00 AM	427500.000	26.683	16.947	60.819
4497.346	5314.845	2.891	3614.095	222.353
1.001	14.774			
3/20/2016 11:00:00 AM	428400.000	26.688	16.947	60.830
4497.057	5314.494	2.890	3613.856	222.368
1.001	14.770			
3/20/2016 11:15:00 AM	429300.000	26.684	16.947	60.822
4496.292	5313.630	2.890	3613.269	222.406
1.001	14.767			
3/20/2016 11:30:00 AM	430200.000	26.682	16.947	60.816
4496.297	5313.648	2.890	3613.281	222.405
1.001	14.773			
3/20/2016 11:45:00 AM	431100.000	26.687	16.947	60.827
4496.275	5313.537	2.890	3613.205	222.406
1.001	14.770			
3/20/2016 12:00:00 PM	432000.000	26.685	16.947	60.823
4496.098	5313.349	2.890	3613.078	222.415
1.001	14.769			
3/20/2016 12:15:00 PM	432900.000	26.662	16.947	60.770
4496.334	5313.681	2.890	3613.303	222.403
1.001	14.775			
3/20/2016 12:30:00 PM	433800.000	26.672	16.947	60.793
4496.094	5313.387	2.890	3613.103	222.415
1.001	14.774			
3/20/2016 12:45:00 PM	434700.000	26.665	16.946	60.777
4497.049	5314.579	2.890	3613.914	222.368
1.001	14.778			
3/20/2016 1:00:00 PM	435600.000	26.675	16.947	60.801
4496.907	5314.316	2.890	3613.735	222.375
1.001	14.781			
3/20/2016 1:15:00 PM	436500.000	26.675	16.947	60.801
4496.806	5314.249	2.890	3613.690	222.380

1.001	14.773			
3/20/2016 1:30:00 PM	437400.000	26.672	16.947	60.795
4495.217	5312.340	2.889	3612.391	222.459
1.001	14.773			
3/20/2016 1:45:00 PM	438300.000	26.675	16.947	60.801
4494.265	5311.215	2.888	3611.626	222.506
1.001	14.771			
3/20/2016 2:00:00 PM	439200.000	26.669	16.947	60.786
4494.234	5311.115	2.888	3611.558	222.507
1.001	14.771			
3/20/2016 2:15:00 PM	440100.000	26.674	16.947	60.797
4493.834	5310.674	2.888	3611.259	222.527
1.001	14.764			
3/20/2016 2:30:00 PM	441000.000	26.672	16.947	60.793
4494.760	5311.727	2.889	3611.974	222.481
1.001	14.771			
3/20/2016 2:45:00 PM	441900.000	26.669	16.947	60.787
4495.270	5312.402	2.889	3612.434	222.456
1.001	14.766			
3/20/2016 3:00:00 PM	442800.000	26.676	16.946	60.802
4495.307	5312.509	2.889	3612.507	222.454
1.001	14.766			
3/20/2016 3:15:00 PM	443700.000	26.677	16.947	60.805
4495.994	5313.248	2.890	3613.009	222.420
1.001	14.763			
3/20/2016 3:30:00 PM	444600.000	26.680	16.947	60.811
4495.524	5312.693	2.889	3612.631	222.443
1.001	14.764			
3/20/2016 3:45:00 PM	445500.000	26.671	16.947	60.792
4496.015	5313.209	2.890	3612.982	222.419
1.001	14.771			
3/20/2016 4:00:00 PM	446400.000	26.673	16.947	60.797
4495.645	5312.825	2.889	3612.721	222.437
1.001	14.760			
3/20/2016 4:15:00 PM	447300.000	26.679	16.946	60.811
4496.655	5314.093	2.890	3613.583	222.388
1.001	14.764			
3/20/2016 4:30:00 PM	448200.000	26.677	16.946	60.804
4497.264	5314.801	2.890	3614.065	222.357
1.001	14.760			
3/20/2016 4:45:00 PM	449100.000	26.665	16.948	60.779
4496.757	5314.077	2.890	3613.572	222.382
1.001	14.770			
3/20/2016 5:00:00 PM	450000.000	26.678	16.947	60.808
4497.014	5314.432	2.890	3613.814	222.370
1.001	14.767			
3/20/2016 5:15:00 PM	450900.000	26.668	16.947	60.785
4496.562	5313.939	2.890	3613.479	222.392
1.001	14.768			
3/20/2016 5:30:00 PM	451800.000	26.679	16.947	60.810
4497.652	5315.198	2.891	3614.334	222.338
1.001	14.763			
3/20/2016 5:45:00 PM	452700.000	26.678	16.947	60.807
4496.279	5313.542	2.890	3613.209	222.406
1.001	14.761			
3/20/2016 6:00:00 PM	453600.000	26.666	16.946	60.779
4495.499	5312.714	2.889	3612.646	222.445



1.001	14.763			
3/20/2016 6:15:00 PM	454500.000	26.671	16.947	60.792
4495.275	5312.355	2.889	3612.402	222.456
1.001	14.764			
3/20/2016 6:30:00 PM	455400.000	26.666	16.948	60.781
4494.502	5311.359	2.888	3611.724	222.494
1.001	14.767			
3/20/2016 6:45:00 PM	456300.000	26.663	16.947	60.773
4495.388	5312.469	2.889	3612.479	222.450
1.001	14.769			
3/20/2016 7:00:00 PM	457200.000	26.673	16.947	60.795
4495.878	5313.068	2.889	3612.886	222.426
1.001	14.769			
3/20/2016 7:15:00 PM	458100.000	26.679	16.947	60.810
4495.643	5312.822	2.889	3612.719	222.438
1.001	14.774			
3/20/2016 7:30:00 PM	459000.000	26.675	16.947	60.800
4496.782	5314.136	2.890	3613.613	222.381
1.001	14.768			
3/20/2016 7:45:00 PM	459900.000	26.668	16.947	60.785
4495.657	5312.859	2.889	3612.745	222.437
1.001	14.768			
3/20/2016 8:00:00 PM	460800.000	26.679	16.948	60.809
4495.322	5312.380	2.889	3612.419	222.453
1.001	14.770			
3/20/2016 8:15:00 PM	461700.000	26.679	16.947	60.810
4494.235	5311.117	2.888	3611.559	222.507
1.001	14.775			
3/20/2016 8:30:00 PM	462600.000	26.660	16.948	60.767
4493.604	5310.245	2.888	3610.967	222.539
1.001	14.784			
3/20/2016 8:45:00 PM	463500.000	26.669	16.947	60.786
4493.375	5310.143	2.888	3610.897	222.550
1.001	14.774			
3/20/2016 9:00:00 PM	464400.000	26.669	16.949	60.786
4494.017	5310.649	2.888	3611.242	222.518
1.001	14.776			
3/20/2016 9:15:00 PM	465300.000	26.667	16.948	60.781
4493.555	5310.292	2.888	3610.999	222.541
1.001	14.775			
3/20/2016 9:30:00 PM	466200.000	26.672	16.947	60.795
4492.398	5308.955	2.887	3610.090	222.598
1.001	14.771			
3/20/2016 9:45:00 PM	467100.000	26.672	16.948	60.794
4492.289	5308.776	2.887	3609.968	222.604
1.001	14.767			
3/20/2016 10:00:00 PM	468000.000	26.668	16.948	60.784
4491.571	5307.895	2.886	3609.369	222.639
1.001	14.773			
3/20/2016 10:15:00 PM	468900.000	26.666	16.948	60.781
4491.857	5308.232	2.887	3609.598	222.625
1.001	14.774			
3/20/2016 10:30:00 PM	469800.000	26.667	16.948	60.783
4492.092	5308.552	2.887	3609.816	222.613
1.001	14.776			
3/20/2016 10:45:00 PM	470700.000	26.658	16.948	60.762
4492.096	5308.495	2.887	3609.777	222.613

1.001	14.779			
3/20/2016 11:00:00 PM	471600.000	26.667	16.948	60.782
4492.488	5308.989	2.887	3610.113	222.594
1.001	14.779			
3/20/2016 11:15:00 PM	472500.000	26.671	16.948	60.791
4492.436	5308.927	2.887	3610.071	222.596
1.001	14.781			
3/20/2016 11:30:00 PM	473400.000	26.656	16.948	60.758
4491.599	5307.864	2.886	3609.348	222.638
1.001	14.782			
3/20/2016 11:45:00 PM	474300.000	26.671	16.948	60.792
4491.249	5307.482	2.886	3609.088	222.655
1.001	14.782			
3/21/2016 12:00:00 AM	475200.000	26.659	16.948	60.763
4490.929	5307.116	2.886	3608.839	222.671
1.001	14.779			
3/21/2016 12:15:00 AM	476100.000	26.662	16.948	60.772
4491.513	5307.826	2.886	3609.322	222.642
1.001	14.775			
3/21/2016 12:30:00 AM	477000.000	26.669	16.948	60.787
4490.772	5306.940	2.886	3608.719	222.679
1.001	14.777			
3/21/2016 12:45:00 AM	477900.000	26.684	16.948	60.821
4491.085	5307.354	2.886	3609.001	222.663
1.001	14.768			
3/21/2016 1:00:00 AM	478800.000	26.658	16.948	60.762
4490.508	5306.627	2.886	3608.507	222.692
1.001	14.780			
3/21/2016 1:15:00 AM	479700.000	26.675	16.948	60.800
4490.352	5306.413	2.886	3608.361	222.700
1.001	14.774			
3/21/2016 1:30:00 AM	480600.000	26.668	16.947	60.784
4491.264	5307.595	2.886	3609.165	222.654
1.001	14.778			
3/21/2016 1:45:00 AM	481500.000	26.666	16.948	60.779
4491.095	5307.312	2.886	3608.972	222.663
1.001	14.781			
3/21/2016 2:00:00 AM	482400.000	26.673	16.948	60.795
4491.649	5308.008	2.887	3609.446	222.635
1.001	14.787			
3/21/2016 2:15:00 AM	483300.000	26.664	16.948	60.775
4490.056	5306.115	2.885	3608.159	222.714
1.001	14.785			
3/21/2016 2:30:00 AM	484200.000	26.662	16.949	60.770
4490.557	5306.562	2.886	3608.462	222.690
1.001	14.783			
3/21/2016 2:45:00 AM	485100.000	26.668	16.949	60.784
4489.936	5305.869	2.885	3607.991	222.720
1.001	14.779			
3/21/2016 3:00:00 AM	486000.000	26.664	16.949	60.775
4490.515	5306.562	2.886	3608.462	222.692
1.001	14.781			
3/21/2016 3:15:00 AM	486900.000	26.668	16.949	60.785
4489.728	5305.560	2.885	3607.781	222.731
1.001	14.781			
3/21/2016 3:30:00 AM	487800.000	26.662	16.948	60.771
4490.448	5306.516	2.886	3608.431	222.695

1.001	14.787			
3/21/2016 3:45:00 AM	488700.000	26.673	16.949	60.795
4490.460	5306.488	2.886	3608.412	222.694
1.001	14.783			
3/21/2016 4:00:00 AM	489600.000	26.677	16.949	60.804
4489.765	5305.687	2.885	3607.867	222.729
1.001	14.778			
3/21/2016 4:15:00 AM	490500.000	26.668	16.948	60.785
4490.134	5306.134	2.885	3608.171	222.710
1.001	14.783			
3/21/2016 4:30:00 AM	491400.000	26.669	16.949	60.787
4490.246	5306.234	2.886	3608.240	222.705
1.001	14.784			
3/21/2016 4:45:00 AM	492300.000	26.672	16.948	60.793
4489.899	5305.878	2.885	3607.997	222.722
1.001	14.783			
3/21/2016 5:00:00 AM	493200.000	26.656	16.948	60.758
4490.232	5306.293	2.886	3608.280	222.706
1.001	14.786			
3/21/2016 5:15:00 AM	494100.000	26.671	16.948	60.792
4489.587	5305.562	2.885	3607.782	222.738
1.001	14.784			
3/21/2016 5:30:00 AM	495000.000	26.672	16.948	60.794
4490.883	5307.049	2.886	3608.794	222.673
1.001	14.780			
3/21/2016 5:45:00 AM	495900.000	26.658	16.949	60.763
4491.467	5307.615	2.886	3609.178	222.644
1.001	14.790			
3/21/2016 6:00:00 AM	496800.000	26.659	16.948	60.764
4490.407	5306.508	2.886	3608.426	222.697
1.001	14.779			
3/21/2016 6:15:00 AM	497700.000	26.665	16.948	60.777
4490.723	5306.841	2.886	3608.652	222.681
1.001	14.785			
3/21/2016 6:30:00 AM	498600.000	26.672	16.948	60.794
4491.087	5307.312	2.886	3608.972	222.663
1.001	14.789			
3/21/2016 6:45:00 AM	499500.000	26.668	16.948	60.785
4489.675	5305.643	2.885	3607.838	222.733
1.001	14.787			
3/21/2016 7:00:00 AM	500400.000	26.674	16.949	60.798
4490.646	5306.623	2.886	3608.504	222.685
1.001	14.784			
3/21/2016 7:15:00 AM	501300.000	26.671	16.948	60.790
4489.473	5305.383	2.885	3607.661	222.743
1.001	14.785			
3/21/2016 7:30:00 AM	502200.000	26.659	16.949	60.763
4489.642	5305.530	2.885	3607.761	222.735
1.001	14.786			
3/21/2016 7:45:00 AM	503100.000	26.669	16.949	60.787
4489.119	5304.912	2.885	3607.340	222.761
1.001	14.790			
3/21/2016 8:00:00 AM	504000.000	26.665	16.949	60.777
4488.836	5304.569	2.885	3607.107	222.775
1.001	14.794			
3/21/2016 8:15:00 AM	504900.000	26.646	16.949	60.735
4489.166	5304.968	2.885	3607.378	222.759

1.001	14.793			
3/21/2016 8:30:00 AM	505800.000	26.657	16.949	60.760
4488.845	5304.558	2.885	3607.099	222.774
1.001	14.787			
3/21/2016 8:45:00 AM	506700.000	26.651	16.949	60.746
4489.663	5305.483	2.885	3607.729	222.734
1.001	14.797			
3/21/2016 9:00:00 AM	507600.000	26.658	16.949	60.762
4488.050	5303.628	2.884	3606.468	222.814
1.001	14.798			
3/21/2016 9:15:00 AM	508500.000	26.657	16.949	60.759
4488.563	5304.193	2.884	3606.851	222.788
1.001	14.798			
3/21/2016 9:30:00 AM	509400.000	26.661	16.948	60.768
4488.125	5303.759	2.884	3606.556	222.810
1.001	14.800			
3/21/2016 9:45:00 AM	510300.000	26.665	16.949	60.779
4488.178	5303.770	2.884	3606.563	222.808
1.001	14.799			
3/21/2016 10:00:00 AM	511200.000	26.673	16.949	60.796
4488.485	5304.101	2.884	3606.789	222.792
1.001	14.800			
3/21/2016 10:15:00 AM	512100.000	26.664	16.949	60.775
4487.584	5303.004	2.884	3606.043	222.837
1.001	14.805			
3/21/2016 10:30:00 AM	513000.000	26.660	16.948	60.766
4487.574	5303.119	2.884	3606.121	222.838
1.001	14.800			
3/21/2016 10:45:00 AM	513900.000	26.667	16.948	60.783
4486.659	5302.090	2.883	3605.421	222.883
1.001	14.799			
3/21/2016 11:00:00 AM	514800.000	26.652	16.950	60.747
4486.090	5301.176	2.883	3604.800	222.911
1.001	14.807			
3/21/2016 11:15:00 AM	515700.000	26.660	16.949	60.767
4486.300	5301.499	2.883	3605.020	222.901
1.001	14.802			
3/21/2016 11:30:00 AM	516600.000	26.660	16.949	60.767
4485.925	5301.076	2.883	3604.732	222.919
1.001	14.806			
3/21/2016 11:45:00 AM	517500.000	26.660	16.949	60.766
4485.811	5301.002	2.882	3604.682	222.925
1.001	14.802			
3/21/2016 12:00:00 PM	518400.000	26.665	16.949	60.778
4485.213	5300.203	2.882	3604.138	222.955
1.001	14.803			
3/21/2016 12:15:00 PM	519300.000	26.654	16.949	60.754
4485.405	5300.514	2.882	3604.350	222.945
1.001	14.801			
3/21/2016 12:30:00 PM	520200.000	26.653	16.949	60.750
4484.528	5299.425	2.882	3603.609	222.989
1.001	14.800			
3/21/2016 12:45:00 PM	521100.000	26.655	16.949	60.756
4486.387	5301.622	2.883	3605.103	222.896
1.001	14.796			
3/21/2016 1:00:00 PM	522000.000	26.670	16.949	60.788
4485.735	5300.913	2.882	3604.621	222.929

1.001	14.787			
3/21/2016 1:15:00 PM	522900.000	26.665	16.949	60.777
4485.846	5300.994	2.882	3604.676	222.923
1.001	14.789			
3/21/2016 1:30:00 PM	523800.000	26.673	16.949	60.797
4486.038	5301.271	2.883	3604.865	222.914
1.001	14.790			
3/21/2016 1:45:00 PM	524700.000	26.663	16.949	60.773
4487.397	5302.828	2.884	3605.923	222.846
1.001	14.779			
3/21/2016 2:00:00 PM	525600.000	26.657	16.948	60.760
4487.355	5302.946	2.884	3606.003	222.848
1.001	14.787			
3/21/2016 2:15:00 PM	526500.000	26.667	16.949	60.783
4487.807	5303.342	2.884	3606.273	222.826
1.001	14.784			
3/21/2016 2:30:00 PM	527400.000	26.674	16.949	60.797
4488.322	5303.982	2.884	3606.708	222.800
1.001	14.776			
3/21/2016 2:45:00 PM	528300.000	26.663	16.949	60.774
4488.812	5304.519	2.885	3607.073	222.776
1.001	14.776			
3/21/2016 3:00:00 PM	529200.000	26.672	16.949	60.793
4488.790	5304.535	2.885	3607.083	222.777
1.001	14.776			
3/21/2016 3:15:00 PM	530100.000	26.665	16.949	60.779
4489.545	5305.395	2.885	3607.669	222.740
1.001	14.776			
3/21/2016 3:30:00 PM	531000.000	26.665	16.949	60.777
4490.591	5306.643	2.886	3608.517	222.688
1.001	14.764			
3/21/2016 3:45:00 PM	531900.000	26.669	16.948	60.786
4490.652	5306.789	2.886	3608.616	222.685
1.001	14.769			
3/21/2016 4:00:00 PM	532800.000	26.671	16.949	60.790
4490.936	5307.039	2.886	3608.787	222.671
1.001	14.774			
3/21/2016 4:15:00 PM	533700.000	26.668	16.948	60.786
4490.671	5306.812	2.886	3608.632	222.684
1.001	14.771			
3/21/2016 4:30:00 PM	534600.000	26.666	16.948	60.780
4491.355	5307.620	2.886	3609.182	222.650
1.001	14.773			
3/21/2016 4:45:00 PM	535500.000	26.673	16.949	60.796
4491.984	5308.298	2.887	3609.643	222.619
1.001	14.765			
3/21/2016 5:00:00 PM	536400.000	26.665	16.949	60.777
4491.065	5307.118	2.886	3608.841	222.664
1.001	14.770			
3/21/2016 5:15:00 PM	537300.000	26.669	16.949	60.787
4491.326	5307.470	2.886	3609.080	222.651
1.001	14.773			
3/21/2016 5:30:00 PM	538200.000	26.654	16.949	60.752
4490.218	5306.223	2.886	3608.231	222.706
1.001	14.779			
3/21/2016 5:45:00 PM	539100.000	26.657	16.949	60.761
4488.772	5304.502	2.885	3607.062	222.778

1.001	14.777			
3/21/2016 6:00:00 PM	540000.000	26.664	16.948	60.775
4489.131	5304.959	2.885	3607.372	222.760
1.001	14.776			
3/21/2016 6:15:00 PM	540900.000	26.667	16.949	60.783
4490.118	5306.072	2.885	3608.129	222.711
1.001	14.773			
3/21/2016 6:30:00 PM	541800.000	26.672	16.949	60.794
4489.595	5305.474	2.885	3607.722	222.737
1.001	14.774			
3/21/2016 6:45:00 PM	542700.000	26.668	16.949	60.784
4489.819	5305.658	2.885	3607.847	222.726
1.001	14.778			
3/21/2016 7:00:00 PM	543600.000	26.662	16.949	60.770
4490.056	5305.989	2.885	3608.073	222.714
1.001	14.772			
3/21/2016 7:15:00 PM	544500.000	26.669	16.950	60.787
4488.529	5304.069	2.884	3606.767	222.790
1.001	14.772			
3/21/2016 7:30:00 PM	545400.000	26.670	16.948	60.788
4488.463	5304.159	2.884	3606.828	222.793
1.001	14.773			
3/21/2016 7:45:00 PM	546300.000	26.666	16.949	60.781
4489.024	5304.738	2.885	3607.222	222.766
1.001	14.779			
3/21/2016 8:00:00 PM	547200.000	26.664	16.949	60.776
4489.658	5305.499	2.885	3607.739	222.734
1.001	14.770			
3/21/2016 8:15:00 PM	548100.000	26.672	16.949	60.795
4488.795	5304.489	2.885	3607.052	222.777
1.001	14.778			
3/21/2016 8:30:00 PM	549000.000	26.661	16.949	60.770
4488.331	5303.908	2.884	3606.658	222.800
1.001	14.774			
3/21/2016 8:45:00 PM	549900.000	26.663	16.949	60.773
4488.381	5303.978	2.884	3606.705	222.797
1.001	14.778			
3/21/2016 9:00:00 PM	550800.000	26.665	16.950	60.778
4487.025	5302.282	2.883	3605.552	222.865
1.001	14.784			
3/21/2016 9:15:00 PM	551700.000	26.644	16.949	60.730
4487.821	5303.296	2.884	3606.241	222.825
1.001	14.789			
3/21/2016 9:30:00 PM	552600.000	26.655	16.949	60.754
4486.587	5301.858	2.883	3605.264	222.887
1.001	14.792			
3/21/2016 9:45:00 PM	553500.000	26.652	16.950	60.747
4485.951	5301.065	2.883	3604.725	222.918
1.001	14.793			
3/21/2016 10:00:00 PM	554400.000	26.658	16.950	60.761
4485.619	5300.599	2.882	3604.407	222.935
1.001	14.796			
3/21/2016 10:15:00 PM	555300.000	26.658	16.949	60.762
4484.542	5299.431	2.882	3603.613	222.988
1.001	14.802			
3/21/2016 10:30:00 PM	556200.000	26.655	16.950	60.756
4483.952	5298.682	2.881	3603.104	223.018

1.001	14.799				
3/21/2016 10:45:00 PM	557100.000	26.644	16.950	60.731	
4482.590	5297.094	2.880	3602.024	223.085	
1.001	14.802				
3/21/2016 11:00:00 PM	558000.000	26.656	16.950	60.757	
4482.946	5297.400	2.880	3602.232	223.068	
1.001	14.799				
3/21/2016 11:15:00 PM	558900.000	26.658	16.950	60.761	
4482.640	5297.079	2.880	3602.014	223.083	
1.001	14.799				
3/21/2016 11:30:00 PM	559800.000	26.652	16.949	60.748	
4482.216	5296.660	2.880	3601.729	223.104	
1.001	14.808				
3/21/2016 11:45:00 PM	560700.000	26.666	16.950	60.779	
4482.698	5297.127	2.880	3602.046	223.080	
1.001	14.804				
3/22/2016 12:00:00 AM	561600.000	26.648	16.950	60.738	
4482.679	5297.083	2.880	3602.017	223.081	
1.001	14.803				
3/22/2016 12:15:00 AM	562500.000	26.663	16.950	60.774	
4483.200	5297.709	2.881	3602.442	223.055	
1.001	14.801				
3/22/2016 12:30:00 AM	563400.000	26.652	16.950	60.748	
4482.265	5296.626	2.880	3601.706	223.101	
1.001	14.807				
3/22/2016 12:45:00 AM	564300.000	26.659	16.950	60.764	
4482.565	5296.959	2.880	3601.933	223.087	
1.001	14.809				
3/22/2016 1:00:00 AM	565200.000	26.648	16.950	60.739	
4482.642	5297.071	2.880	3602.009	223.083	
1.001	14.810				
3/22/2016 1:15:00 AM	566100.000	26.656	16.950	60.756	
4483.275	5297.810	2.881	3602.511	223.051	
1.001	14.813				
3/22/2016 1:30:00 AM	567000.000	26.655	16.950	60.755	
4482.194	5296.563	2.880	3601.663	223.105	
1.001	14.810				
3/22/2016 1:45:00 AM	567900.000	26.656	16.950	60.758	
4481.993	5296.367	2.880	3601.529	223.115	
1.001	14.809				
3/22/2016 2:00:00 AM	568800.000	26.646	16.950	60.734	
4482.293	5296.669	2.880	3601.736	223.100	
1.001	14.813				
3/22/2016 2:15:00 AM	569700.000	26.654	16.950	60.753	
4481.352	5295.567	2.879	3600.986	223.147	
1.001	14.813				
3/22/2016 2:30:00 AM	570600.000	26.657	16.950	60.759	
4481.943	5296.246	2.880	3601.447	223.118	
1.001	14.812				
3/22/2016 2:45:00 AM	571500.000	26.658	16.950	60.761	
4481.612	5295.833	2.880	3601.167	223.134	
1.001	14.811				
3/22/2016 3:00:00 AM	572400.000	26.657	16.950	60.759	
4482.693	5297.141	2.880	3602.056	223.080	
1.001	14.811				
3/22/2016 3:15:00 AM	573300.000	26.663	16.951	60.773	
4482.661	5297.050	2.880	3601.994	223.082	

1.001	14.802			
3/22/2016 3:30:00 AM	574200.000	26.643	16.950	60.727
4482.262	5296.674	2.880	3601.739	223.102
1.001	14.807			
3/22/2016 3:45:00 AM	575100.000	26.649	16.950	60.742
4482.718	5297.224	2.880	3602.113	223.079
1.001	14.808			
3/22/2016 4:00:00 AM	576000.000	26.647	16.950	60.737
4482.035	5296.332	2.880	3601.506	223.113
1.001	14.809			
3/22/2016 4:15:00 AM	576900.000	26.647	16.950	60.738
4482.062	5296.449	2.880	3601.585	223.112
1.001	14.817			
3/22/2016 4:30:00 AM	577800.000	26.655	16.950	60.754
4482.864	5297.324	2.880	3602.180	223.072
1.001	14.811			
3/22/2016 4:45:00 AM	578700.000	26.649	16.950	60.742
4482.836	5297.311	2.880	3602.171	223.073
1.001	14.806			
3/22/2016 5:00:00 AM	579600.000	26.657	16.950	60.760
4483.155	5297.741	2.881	3602.464	223.057
1.001	14.806			
3/22/2016 5:15:00 AM	580500.000	26.665	16.950	60.778
4482.125	5296.439	2.880	3601.579	223.108
1.001	14.810			
3/22/2016 5:30:00 AM	581400.000	26.650	16.950	60.743
4483.283	5297.808	2.881	3602.510	223.051
1.001	14.816			
3/22/2016 5:45:00 AM	582300.000	26.665	16.951	60.777
4482.930	5297.369	2.880	3602.211	223.068
1.001	14.811			
3/22/2016 6:00:00 AM	583200.000	26.648	16.950	60.739
4481.581	5295.838	2.880	3601.170	223.136
1.001	14.819			
3/22/2016 6:15:00 AM	584100.000	26.644	16.950	60.731
4482.263	5296.613	2.880	3601.697	223.102
1.001	14.825			
3/22/2016 6:30:00 AM	585000.000	26.657	16.951	60.759
4482.479	5296.826	2.880	3601.842	223.091
1.001	14.821			
3/22/2016 6:45:00 AM	585900.000	26.656	16.950	60.757
4482.151	5296.512	2.880	3601.629	223.107
1.001	14.825			
3/22/2016 7:00:00 AM	586800.000	26.636	16.950	60.712
4481.860	5296.168	2.880	3601.395	223.122
1.001	14.833			
3/22/2016 7:15:00 AM	587700.000	26.649	16.950	60.741
4481.491	5295.680	2.879	3601.063	223.140
1.001	14.822			
3/22/2016 7:30:00 AM	588600.000	26.656	16.951	60.757
4481.091	5295.176	2.879	3600.720	223.160
1.001	14.828			
3/22/2016 7:45:00 AM	589500.000	26.629	16.951	60.697
4481.246	5295.358	2.879	3600.844	223.152
1.001	14.840			
3/22/2016 8:00:00 AM	590400.000	26.663	16.951	60.774
4480.648	5294.652	2.879	3600.364	223.182



1.001	14.830			
3/22/2016 8:15:00 AM	591300.000	26.648	16.950	60.739
4480.143	5294.118	2.879	3600.000	223.207
1.001	14.839			
3/22/2016 8:30:00 AM	592200.000	26.634	16.951	60.707
4479.003	5292.687	2.878	3599.027	223.264
1.001	14.847			
3/22/2016 8:45:00 AM	593100.000	26.634	16.950	60.707
4479.131	5292.892	2.878	3599.167	223.258
1.001	14.845			
3/22/2016 9:00:00 AM	594000.000	26.639	16.951	60.717
4478.496	5292.128	2.877	3598.648	223.289
1.001	14.847			
3/22/2016 9:15:00 AM	594900.000	26.640	16.952	60.720
4477.745	5291.086	2.877	3597.938	223.327
1.001	14.844			
3/22/2016 9:30:00 AM	595800.000	26.646	16.951	60.734
4477.767	5291.195	2.877	3598.013	223.326
1.001	14.853			
3/22/2016 9:45:00 AM	596700.000	26.646	16.952	60.734
4478.514	5292.005	2.877	3598.564	223.288
1.001	14.854			
3/22/2016 10:00:00 AM	597600.000	26.650	16.951	60.743
4477.497	5290.875	2.877	3597.795	223.339
1.001	14.855			
3/22/2016 10:15:00 AM	598500.000	26.638	16.950	60.717
4477.172	5290.577	2.876	3597.592	223.355
1.001	14.862			
3/22/2016 10:30:00 AM	599400.000	26.637	16.951	60.713
4476.713	5290.002	2.876	3597.202	223.378
1.001	14.857			
3/22/2016 10:45:00 AM	600300.000	26.633	16.951	60.704
4476.377	5289.615	2.876	3596.938	223.395
1.001	14.860			
3/22/2016 11:00:00 AM	601200.000	26.629	16.952	60.695
4476.036	5289.076	2.876	3596.572	223.412
1.001	14.862			
3/22/2016 11:15:00 AM	602100.000	26.652	16.951	60.747
4475.728	5288.785	2.875	3596.374	223.427
1.001	14.858			
3/22/2016 11:30:00 AM	603000.000	26.643	16.951	60.728
4475.352	5288.352	2.875	3596.080	223.446
1.001	14.860			
3/22/2016 11:45:00 AM	603900.000	26.643	16.951	60.727
4475.589	5288.601	2.875	3596.249	223.434
1.001	14.861			
3/22/2016 12:00:00 PM	604800.000	26.646	16.951	60.735
4476.098	5289.233	2.876	3596.679	223.409
1.001	14.862			
3/22/2016 12:15:00 PM	605700.000	26.642	16.951	60.726
4475.930	5288.993	2.876	3596.515	223.417
1.001	14.866			
3/22/2016 12:30:00 PM	606600.000	26.653	16.951	60.750
4476.083	5289.246	2.876	3596.688	223.410
1.001	14.857			
3/22/2016 12:45:00 PM	607500.000	26.639	16.951	60.718
4475.285	5288.252	2.875	3596.012	223.449

1.001	14.862			
3/22/2016 1:00:00 PM	608400.000	26.641	16.951	60.723
4476.010	5289.191	2.876	3596.650	223.413
1.001	14.870			
3/22/2016 1:15:00 PM	609300.000	26.631	16.951	60.700
4475.657	5288.754	2.875	3596.353	223.431
1.001	14.858			
3/22/2016 1:30:00 PM	610200.000	26.650	16.951	60.743
4476.030	5289.133	2.876	3596.611	223.412
1.001	14.853			
3/22/2016 1:45:00 PM	611100.000	26.645	16.951	60.732
4475.462	5288.462	2.875	3596.154	223.441
1.001	14.855			
3/22/2016 2:00:00 PM	612000.000	26.649	16.950	60.741
4476.530	5289.859	2.876	3597.104	223.387
1.001	14.849			
3/22/2016 2:15:00 PM	612900.000	26.635	16.951	60.709
4477.066	5290.358	2.876	3597.444	223.361
1.001	14.850			
3/22/2016 2:30:00 PM	613800.000	26.650	16.951	60.743
4477.353	5290.716	2.877	3597.687	223.346
1.001	14.846			
3/22/2016 2:45:00 PM	614700.000	26.653	16.951	60.750
4478.000	5291.522	2.877	3598.235	223.314
1.001	14.845			
3/22/2016 3:00:00 PM	615600.000	26.637	16.951	60.714
4479.870	5293.721	2.878	3599.730	223.221
1.001	14.843			
3/22/2016 3:15:00 PM	616500.000	26.650	16.951	60.744
4479.669	5293.453	2.878	3599.548	223.231
1.001	14.845			
3/22/2016 3:30:00 PM	617400.000	26.654	16.951	60.752
4479.234	5293.001	2.878	3599.241	223.252
1.001	14.837			
3/22/2016 3:45:00 PM	618300.000	26.654	16.951	60.753
4480.212	5294.125	2.879	3600.005	223.204
1.001	14.838			
3/22/2016 4:00:00 PM	619200.000	26.651	16.950	60.747
4480.895	5295.016	2.879	3600.611	223.170
1.001	14.838			
3/22/2016 4:15:00 PM	620100.000	26.656	16.950	60.758
4481.095	5295.306	2.879	3600.808	223.160
1.001	14.830			
3/22/2016 4:30:00 PM	621000.000	26.652	16.951	60.747
4480.937	5294.972	2.879	3600.581	223.168
1.001	14.835			
3/22/2016 4:45:00 PM	621900.000	26.650	16.951	60.744
4481.243	5295.324	2.879	3600.821	223.152
1.001	14.833			
3/22/2016 5:00:00 PM	622800.000	26.645	16.950	60.732
4481.438	5295.732	2.879	3601.098	223.143
1.001	14.835			
3/22/2016 5:15:00 PM	623700.000	26.642	16.951	60.726
4481.253	5295.387	2.879	3600.863	223.152
1.001	14.835			
3/22/2016 5:30:00 PM	624600.000	26.643	16.951	60.728
4481.636	5295.819	2.880	3601.157	223.133

1.001	14.832			
3/22/2016 5:45:00 PM	625500.000	26.645	16.950	60.733
4481.867	5296.155	2.880	3601.385	223.121
1.001	14.830			
3/22/2016 6:00:00 PM	626400.000	26.644	16.951	60.729
4480.612	5294.598	2.879	3600.327	223.184
1.001	14.838			
3/22/2016 6:15:00 PM	627300.000	26.653	16.951	60.751
4481.263	5295.358	2.879	3600.844	223.151
1.001	14.834			
3/22/2016 6:30:00 PM	628200.000	26.652	16.951	60.748
4481.735	5295.895	2.880	3601.209	223.128
1.001	14.833			
3/22/2016 6:45:00 PM	629100.000	26.642	16.950	60.726
4482.361	5296.718	2.880	3601.769	223.097
1.001	14.834			
3/22/2016 7:00:00 PM	630000.000	26.644	16.950	60.731
4482.015	5296.309	2.880	3601.490	223.114
1.001	14.837			
3/22/2016 7:15:00 PM	630900.000	26.644	16.951	60.731
4481.777	5295.956	2.880	3601.250	223.126
1.001	14.830			
3/22/2016 7:30:00 PM	631800.000	26.640	16.951	60.721
4482.689	5296.980	2.880	3601.947	223.080
1.001	14.839			
3/22/2016 7:45:00 PM	632700.000	26.651	16.951	60.746
4482.069	5296.290	2.880	3601.477	223.111
1.001	14.839			
3/22/2016 8:00:00 PM	633600.000	26.649	16.951	60.741
4480.370	5294.240	2.879	3600.083	223.196
1.001	14.843			
3/22/2016 8:15:00 PM	634500.000	26.642	16.951	60.724
4480.097	5294.000	2.878	3599.920	223.209
1.001	14.845			
3/22/2016 8:30:00 PM	635400.000	26.648	16.952	60.739
4479.846	5293.578	2.878	3599.633	223.222
1.001	14.847			
3/22/2016 8:45:00 PM	636300.000	26.634	16.950	60.707
4479.223	5293.031	2.878	3599.261	223.253
1.001	14.855			
3/22/2016 9:00:00 PM	637200.000	26.649	16.951	60.741
4479.321	5293.031	2.878	3599.261	223.248
1.001	14.844			
3/22/2016 9:15:00 PM	638100.000	26.631	16.951	60.700
4478.837	5292.512	2.878	3598.908	223.272
1.001	14.855			
3/22/2016 9:30:00 PM	639000.000	26.640	16.952	60.721
4478.387	5291.845	2.877	3598.455	223.295
1.001	14.852			
3/22/2016 9:45:00 PM	639900.000	26.650	16.952	60.744
4477.758	5291.143	2.877	3597.977	223.326
1.001	14.853			
3/22/2016 10:00:00 PM	640800.000	26.635	16.951	60.709
4476.864	5290.150	2.876	3597.302	223.371
1.001	14.863			
3/22/2016 10:15:00 PM	641700.000	26.636	16.951	60.712
4477.172	5290.502	2.876	3597.542	223.355

1.001	14.865			
3/22/2016 10:30:00 PM	642600.000	26.638	16.951	60.717
4477.014	5290.284	2.876	3597.393	223.363
1.001	14.861			
3/22/2016 10:45:00 PM	643500.000	26.652	16.952	60.747
4476.784	5289.960	2.876	3597.173	223.375
1.001	14.854			
3/22/2016 11:00:00 PM	644400.000	26.641	16.952	60.723
4475.335	5288.279	2.875	3596.030	223.447
1.001	14.858			
3/22/2016 11:15:00 PM	645300.000	26.651	16.952	60.747
4475.557	5288.521	2.875	3596.195	223.436
1.001	14.858			
3/22/2016 11:30:00 PM	646200.000	26.642	16.952	60.726
4475.595	5288.555	2.875	3596.218	223.434
1.001	14.855			
3/22/2016 11:45:00 PM	647100.000	26.642	16.953	60.724
4474.577	5287.227	2.875	3595.314	223.485
1.001	14.862			
3/23/2016 12:00:00 AM	648000.000	26.634	16.951	60.708
4474.742	5287.599	2.875	3595.567	223.477
1.001	14.859			
3/23/2016 12:15:00 AM	648900.000	26.632	16.952	60.702
4475.867	5288.887	2.875	3596.443	223.420
1.001	14.861			
3/23/2016 12:30:00 AM	649800.000	26.638	16.952	60.717
4475.241	5288.168	2.875	3595.954	223.452
1.001	14.857			
3/23/2016 12:45:00 AM	650700.000	26.633	16.952	60.705
4476.388	5289.513	2.876	3596.869	223.394
1.001	14.863			
3/23/2016 1:00:00 AM	651600.000	26.631	16.951	60.700
4475.771	5288.847	2.875	3596.416	223.425
1.001	14.854			
3/23/2016 1:15:00 AM	652500.000	26.641	16.951	60.723
4476.688	5289.910	2.876	3597.139	223.379
1.001	14.858			
3/23/2016 1:30:00 AM	653400.000	26.627	16.952	60.692
4477.216	5290.471	2.876	3597.521	223.353
1.001	14.853			
3/23/2016 1:45:00 AM	654300.000	26.641	16.952	60.724
4477.217	5290.483	2.876	3597.529	223.353
1.001	14.857			
3/23/2016 2:00:00 AM	655200.000	26.648	16.952	60.739
4477.066	5290.305	2.876	3597.407	223.361
1.001	14.854			
3/23/2016 2:15:00 AM	656100.000	26.635	16.952	60.709
4476.013	5289.019	2.876	3596.533	223.413
1.001	14.855			
3/23/2016 2:30:00 AM	657000.000	26.641	16.951	60.724
4476.442	5289.608	2.876	3596.934	223.392
1.001	14.851			
3/23/2016 2:45:00 AM	657900.000	26.636	16.952	60.711
4476.457	5289.564	2.876	3596.904	223.391
1.001	14.853			
3/23/2016 3:00:00 AM	658800.000	26.628	16.951	60.693
4476.114	5289.264	2.876	3596.699	223.408

1.001	14.852			
3/23/2016 3:15:00 AM	659700.000	26.642	16.952	60.724
4475.974	5288.981	2.876	3596.508	223.415
1.001	14.848			
3/23/2016 3:30:00 AM	660600.000	26.638	16.952	60.717
4476.449	5289.585	2.876	3596.918	223.391
1.001	14.851			
3/23/2016 3:45:00 AM	661500.000	26.641	16.951	60.723
4476.468	5289.682	2.876	3596.984	223.390
1.001	14.847			
3/23/2016 4:00:00 AM	662400.000	26.644	16.951	60.730
4475.899	5288.967	2.876	3596.498	223.419
1.001	14.846			
3/23/2016 4:15:00 AM	663300.000	26.651	16.951	60.746
4475.906	5288.964	2.876	3596.496	223.418
1.001	14.844			
3/23/2016 4:30:00 AM	664200.000	26.645	16.951	60.731
4476.777	5290.066	2.876	3597.245	223.375
1.001	14.844			
3/23/2016 4:45:00 AM	665100.000	26.638	16.952	60.716
4476.621	5289.745	2.876	3597.027	223.383
1.001	14.843			
3/23/2016 5:00:00 AM	666000.000	26.634	16.952	60.707
4477.406	5290.653	2.877	3597.644	223.344
1.001	14.849			
3/23/2016 5:15:00 AM	666900.000	26.639	16.952	60.717
4477.144	5290.416	2.876	3597.483	223.357
1.001	14.845			
3/23/2016 5:30:00 AM	667800.000	26.646	16.952	60.734
4477.771	5291.158	2.877	3597.987	223.325
1.001	14.843			
3/23/2016 5:45:00 AM	668700.000	26.646	16.952	60.735
4479.039	5292.593	2.878	3598.963	223.262
1.001	14.850			
3/23/2016 6:00:00 AM	669600.000	26.645	16.952	60.733
4477.641	5290.994	2.877	3597.876	223.332
1.001	14.849			
3/23/2016 6:15:00 AM	670500.000	26.648	16.952	60.739
4476.926	5290.128	2.876	3597.287	223.368
1.001	14.853			
3/23/2016 6:30:00 AM	671400.000	26.651	16.952	60.747
4477.300	5290.499	2.876	3597.539	223.349
1.001	14.846			
3/23/2016 6:45:00 AM	672300.000	26.647	16.952	60.737
4476.524	5289.602	2.876	3596.929	223.388
1.001	14.852			
3/23/2016 7:00:00 AM	673200.000	26.642	16.952	60.725
4476.361	5289.472	2.876	3596.841	223.396
1.001	14.858			
3/23/2016 7:15:00 AM	674100.000	26.648	16.952	60.740
4475.766	5288.757	2.875	3596.355	223.425
1.001	14.857			
3/23/2016 7:30:00 AM	675000.000	26.631	16.952	60.700
4474.112	5286.772	2.874	3595.006	223.508
1.001	14.862			
3/23/2016 7:45:00 AM	675900.000	26.636	16.952	60.713
4472.847	5285.266	2.873	3593.981	223.571

1.001	14.862			
3/23/2016 8:00:00 AM	676800.000	26.640	16.953	60.720
4474.010	5286.589	2.874	3594.881	223.513
1.001	14.866			
3/23/2016 8:15:00 AM	677700.000	26.636	16.952	60.712
4473.120	5285.559	2.874	3594.180	223.558
1.001	14.872			
3/23/2016 8:30:00 AM	678600.000	26.622	16.952	60.679
4473.389	5285.979	2.874	3594.466	223.544
1.001	14.882			
3/23/2016 8:45:00 AM	679500.000	26.629	16.952	60.695
4472.250	5284.519	2.873	3593.473	223.601
1.001	14.875			
3/23/2016 9:00:00 AM	680400.000	26.630	16.953	60.698
4472.112	5284.346	2.873	3593.356	223.608
1.001	14.879			
3/23/2016 9:15:00 AM	681300.000	26.635	16.953	60.709
4471.466	5283.561	2.872	3592.821	223.640
1.001	14.876			
3/23/2016 9:30:00 AM	682200.000	26.641	16.953	60.724
4471.254	5283.248	2.872	3592.609	223.651
1.001	14.880			
3/23/2016 9:45:00 AM	683100.000	26.639	16.953	60.719
4469.998	5281.847	2.871	3591.656	223.714
1.001	14.883			
3/23/2016 10:00:00 AM	684000.000	26.630	16.953	60.698
4469.321	5280.975	2.871	3591.063	223.748
1.001	14.881			
3/23/2016 10:15:00 AM	684900.000	26.641	16.952	60.722
4470.527	5282.495	2.872	3592.097	223.687
1.001	14.882			
3/23/2016 10:30:00 AM	685800.000	26.625	16.953	60.686
4470.136	5281.958	2.871	3591.731	223.707
1.001	14.885			
3/23/2016 10:45:00 AM	686700.000	26.621	16.953	60.677
4469.453	5281.130	2.871	3591.169	223.741
1.001	14.892			
3/23/2016 11:00:00 AM	687600.000	26.624	16.953	60.684
4469.894	5281.682	2.871	3591.544	223.719
1.001	14.884			
3/23/2016 11:15:00 AM	688500.000	26.625	16.954	60.687
4469.728	5281.371	2.871	3591.333	223.727
1.001	14.887			
3/23/2016 11:30:00 AM	689400.000	26.611	16.953	60.656
4469.586	5281.309	2.871	3591.290	223.734
1.001	14.891			
3/23/2016 11:45:00 AM	690300.000	26.628	16.954	60.693
4469.440	5281.053	2.871	3591.116	223.742
1.001	14.892			
3/23/2016 12:00:00 PM	691200.000	26.633	16.952	60.706
4469.427	5281.236	2.871	3591.241	223.742
1.001	14.883			
3/23/2016 12:15:00 PM	692100.000	26.619	16.953	60.674
4469.523	5281.224	2.871	3591.232	223.738
1.001	14.892			
3/23/2016 12:30:00 PM	693000.000	26.631	16.953	60.700
4469.103	5280.768	2.871	3590.923	223.759

1.001	14.888			
3/23/2016 12:45:00 PM	693900.000	26.632	16.953	60.704
4470.616	5282.568	2.872	3592.146	223.683
1.001	14.886			
3/23/2016 1:00:00 PM	694800.000	26.632	16.953	60.703
4470.249	5282.134	2.872	3591.852	223.701
1.001	14.881			
3/23/2016 1:15:00 PM	695700.000	26.620	16.953	60.675
4470.461	5282.363	2.872	3592.007	223.691
1.001	14.891			
3/23/2016 1:30:00 PM	696600.000	26.633	16.952	60.705
4470.297	5282.232	2.872	3591.918	223.699
1.001	14.878			
3/23/2016 1:45:00 PM	697500.000	26.624	16.953	60.685
4470.635	5282.600	2.872	3592.168	223.682
1.001	14.882			
3/23/2016 2:00:00 PM	698400.000	26.634	16.953	60.706
4471.089	5283.095	2.872	3592.504	223.659
1.001	14.879			
3/23/2016 2:15:00 PM	699300.000	26.637	16.953	60.714
4471.249	5283.283	2.872	3592.633	223.651
1.001	14.877			
3/23/2016 2:30:00 PM	700200.000	26.634	16.952	60.707
4470.489	5282.459	2.872	3592.073	223.689
1.001	14.881			
3/23/2016 2:45:00 PM	701100.000	26.628	16.953	60.693
4470.947	5282.874	2.872	3592.355	223.666
1.001	14.883			
3/23/2016 3:00:00 PM	702000.000	26.623	16.953	60.682
4472.375	5284.634	2.873	3593.552	223.595
1.001	14.874			
3/23/2016 3:15:00 PM	702900.000	26.625	16.953	60.686
4471.810	5283.988	2.873	3593.112	223.623
1.001	14.873			
3/23/2016 3:30:00 PM	703800.000	26.634	16.953	60.707
4471.663	5283.815	2.873	3592.994	223.630
1.001	14.871			
3/23/2016 3:45:00 PM	704700.000	26.622	16.953	60.680
4472.684	5284.990	2.873	3593.793	223.579
1.001	14.869			
3/23/2016 4:00:00 PM	705600.000	26.633	16.953	60.705
4472.703	5285.012	2.873	3593.808	223.578
1.001	14.871			
3/23/2016 4:15:00 PM	706500.000	26.626	16.953	60.688
4472.661	5284.963	2.873	3593.775	223.581
1.001	14.873			
3/23/2016 4:30:00 PM	707400.000	26.621	16.952	60.678
4473.101	5285.545	2.874	3594.171	223.559
1.001	14.876			
3/23/2016 4:45:00 PM	708300.000	26.627	16.953	60.691
4473.591	5286.084	2.874	3594.537	223.534
1.001	14.868			
3/23/2016 5:00:00 PM	709200.000	26.625	16.953	60.687
4473.070	5285.446	2.874	3594.104	223.560
1.001	14.865			
3/23/2016 5:15:00 PM	710100.000	26.624	16.954	60.684
4472.723	5284.952	2.873	3593.767	223.577

1.001	14.862			
3/23/2016 5:30:00 PM	711000.000	26.613	16.952	60.659
4473.166	5285.613	2.874	3594.217	223.555
1.001	14.867			
3/23/2016 5:45:00 PM	711900.000	26.640	16.952	60.721
4473.347	5285.827	2.874	3594.362	223.546
1.001	14.863			
3/23/2016 6:00:00 PM	712800.000	26.625	16.952	60.687
4473.378	5285.852	2.874	3594.379	223.545
1.001	14.874			
3/23/2016 6:15:00 PM	713700.000	26.639	16.952	60.720
4474.052	5286.753	2.874	3594.992	223.511
1.001	14.862			
3/23/2016 6:30:00 PM	714600.000	26.629	16.952	60.696
4473.009	5285.437	2.873	3594.097	223.563
1.001	14.865			
3/23/2016 6:45:00 PM	715500.000	26.614	16.952	60.663
4473.494	5286.010	2.874	3594.487	223.539
1.001	14.864			
3/23/2016 7:00:00 PM	716400.000	26.633	16.952	60.704
4473.950	5286.612	2.874	3594.896	223.516
1.001	14.862			
3/23/2016 7:15:00 PM	717300.000	26.632	16.953	60.702
4474.905	5287.593	2.875	3595.563	223.468
1.001	14.864			
3/23/2016 7:30:00 PM	718200.000	26.639	16.953	60.718
4473.882	5286.427	2.874	3594.771	223.520
1.001	14.862			
3/23/2016 7:45:00 PM	719100.000	26.626	16.952	60.688
4473.468	5285.958	2.874	3594.452	223.540
1.001	14.863			
3/23/2016 8:00:00 PM	720000.000	26.616	16.953	60.666
4472.959	5285.336	2.873	3594.029	223.566
1.001	14.863			
3/23/2016 8:15:00 PM	720900.000	26.630	16.953	60.699
4472.463	5284.708	2.873	3593.601	223.590
1.001	14.859			
3/23/2016 8:30:00 PM	721800.000	26.623	16.953	60.683
4472.226	5284.427	2.873	3593.411	223.602
1.001	14.862			
3/23/2016 8:45:00 PM	722700.000	26.622	16.952	60.681
4472.090	5284.351	2.873	3593.359	223.609
1.001	14.865			
3/23/2016 9:00:00 PM	723600.000	26.625	16.953	60.688
4472.213	5284.402	2.873	3593.394	223.603
1.001	14.871			
3/23/2016 9:15:00 PM	724500.000	26.633	16.953	60.705
4472.387	5284.575	2.873	3593.511	223.594
1.001	14.865			
3/23/2016 9:30:00 PM	725400.000	26.609	16.953	60.651
4472.573	5284.817	2.873	3593.676	223.585
1.001	14.872			
3/23/2016 9:45:00 PM	726300.000	26.628	16.954	60.694
4471.823	5283.859	2.873	3593.024	223.622
1.001	14.870			
3/23/2016 10:00:00 PM	727200.000	26.624	16.953	60.684
4471.999	5284.108	2.873	3593.194	223.614



1.001	14.867			
3/23/2016 10:15:00 PM	728100.000	26.622	16.954	60.679
4471.042	5282.966	2.872	3592.417	223.661
1.001	14.870			
3/23/2016 10:30:00 PM	729000.000	26.621	16.953	60.677
4470.792	5282.681	2.872	3592.223	223.674
1.001	14.870			
3/23/2016 10:45:00 PM	729900.000	26.615	16.954	60.664
4469.517	5281.112	2.871	3591.156	223.738
1.001	14.868			
3/23/2016 11:00:00 PM	730800.000	26.622	16.954	60.680
4469.947	5281.630	2.871	3591.509	223.716
1.001	14.871			
3/23/2016 11:15:00 PM	731700.000	26.627	16.954	60.690
4469.920	5281.558	2.871	3591.459	223.718
1.001	14.873			
3/23/2016 11:30:00 PM	732600.000	26.628	16.954	60.692
4470.370	5282.151	2.872	3591.863	223.695
1.001	14.867			
3/23/2016 11:45:00 PM	733500.000	26.621	16.954	60.678
4470.998	5282.893	2.872	3592.368	223.664
1.001	14.865			

Report Date: 3/24/2016 2:15:20 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

Log File Properties:

File Name: MPWSP TSW Trans 2\_2016-03-24\_12-24-28-453.wsl  
Create Date: 3/24/2016 12:23:22 PM

Device Properties:

Device: Aqua TROLL 200  
Site: MPWSP TSW Trans 2  
Device Name:  
Serial Number: 396433  
Firmware Version: 2.00  
Hardware Version: 3  
Device Address: 1  
Device Comm Cfg: 19200,8,Even,1,(Modbus-RTU)  
Used Memory(%): 15  
Used Battery(%): 2

Log Configuration

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

Level Reference Settings At Log Creation

Level Measurement Mode: Depth  
Specific Gravity: 1.024

Other Log Settings

Depth of Probe: 58.3934 (ft)  
Head Pressure: 25.9227 (PSI)  
Temperature: 17.0478 (C)

Specific Conductivity Model: Standard Methods

Reference Temperature: 25  
Temperature Coefficient: 0.0191

TDS Factor: 0.68

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Log Notes:

Date and Time	Note
4/9/2015 2:02:54 PM	Used Battery: 2% Used Memory: 18% User Name: ECrowWillard
4/10/2015 1:07:33 PM	Log Download - Used Battery: 2% Used Memory: 18% User Name: ECrowWillard
4/17/2015 12:57:42 PM	Log Download - Used Battery: 2% Used Memory: 18% User Name: AKieta
4/24/2015 10:48:17 AM	Log Download - Used Battery: 2% Used Memory: 20% User Name: ECrowWillard
5/1/2015 2:10:18 PM	Log Download - Used Battery: 2% Used Memory: 20% User Name: GSSI
5/7/2015 7:03:25 AM	Log Download - Used Battery: 2% Used Memory: 21% User Name: ECrowWillard
5/15/2015 12:45:18 PM	Log Download - Used Battery: 2% Used Memory: 21% User Name: BDuarte
5/19/2015 3:05:28 PM	Log Download - Used Battery: 2% Used Memory: 21% User Name: CShaw
5/19/2015 3:12:05 PM	Log Download - Used Battery: 2% Used Memory: 21% User Name: CShaw Interval - Start Time: 5/19/2015 3:00:00 PM
5/21/2015 6:52:39 PM	Log Download - Used Battery: 2% Used Memory: 23% User Name: CShaw Interval - Start Time: 5/19/2015 3:00:00 PM
5/28/2015 10:55:09 AM	Log Download - Used Battery: 2% Used Memory: 23% User Name: ECrowWillard Interval - Start Time: 5/7/2015 7:00:00 AM
6/4/2015 9:55:06 AM	Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte
6/8/2015 7:00:41 AM	Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte
6/11/2015 3:11:24 PM	Log Download - Used Battery: 2% Used Memory: 25% User Name: BDuarte Interval - Start Time: 6/8/2015 7:00:00 AM
6/18/2015 6:19:26 PM	Log Download - Used Battery: 2% Used Memory: 26% User Name: CShaw
6/25/2015 6:26:39 PM	Log Download - Used Battery: 2% Used Memory: 26% User Name: BDuarte Interval - Start Time: 6/11/2015 3:00:00 PM
7/2/2015 5:59:51 PM	Log Download - Used Battery: 2% Used Memory: 28% User Name: CShaw
7/9/2015 7:33:31 AM	Log Download - Used Battery: 3% Used Memory: 28% User Name: BDuarte
7/16/2015 5:49:08 PM	Log Download - Used Battery: 3% Used Memory: 29% User Name: CShaw
7/23/2015 4:00:26 PM	Log Download - Used Battery: 3% Used Memory: 29% User Name: KMakar
7/30/2015 9:14:52 AM	Log Download - Used Battery: 3% Used Memory: 31% User Name: BDuarte Interval - Start Time: 7/9/2015 7:30:00 AM
8/6/2015 6:06:39 PM	Log Download - Used Battery: 3% Used Memory: 31% User Name: CShaw Interval - Start Time: 6/8/2015 3:30:00 PM Stop Time: 8/6/2015 6:30:00 PM
8/6/2015 6:07:01 PM	Log Download - Used Battery: 3% Used Memory: 31% User Name: CShaw Interval - Start Time: 7/8/2015 3:30:00 PM Stop Time: 8/6/2015 5:30:00 PM
8/13/2015 1:07:16 PM	Log Download - Used Battery: 3% Used Memory: 32% User Name: KMakar Interval - Start Time: 7/23/2015 4:00:00 PM
8/20/2015 9:31:39 AM	Log Download - Used Battery: 3% Used Memory: 32% User Name: BDuarte Interval - Start Time: 7/30/2015 9:00:00 AM
8/27/2015 10:35:53 AM	Log Download - Used Battery: 3% Used Memory: 34% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:15:00 AM
8/27/2015 10:36:27 AM	Log Download - Used Battery: 3% Used Memory: 34% User Name: KMakar Interval - Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 10:35:00 AM
9/3/2015 6:12:09 PM	Log Download - Used Battery: 3% Used Memory: 35% User Name: CShaw Interval - Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 7:00:00 PM
9/10/2015 11:08:03 AM	Log Download - Used Battery: 3% Used Memory: 35% User Name: KMakar Interval - Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 11:10:00 AM
9/17/2015 10:34:47 AM	Log Download - Used Battery: 3% Used Memory: 37% User Name: KMakar Interval - Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 10:35:00 AM
9/24/2015 7:11:42 PM	Log Download - Used Battery: 3% Used Memory: 37% User Name: CShaw Interval - Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:00:00 PM
10/1/2015 1:55:13 PM	Log Download - Used Battery: 3% Used Memory: 39% User Name: KMakar Interval - Start

Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 1:55:00 PM  
10/8/2015 4:54:50 PM Log Download - Used Battery: 3% Used Memory: 39% User Name: CShaw Interval - Start  
Time: 9/14/2015 5:30:00 PM Stop Time: 10/8/2015 5:45:00 PM  
10/15/2015 1:20:01 PM Log Download - Used Battery: 3% Used Memory: 40% User Name: KMakar Interval - Start  
Time: 9/30/2015 7:30:00 AM Stop Time: 10/15/2015 1:20:00 PM  
10/27/2015 6:53:26 PM Log Download - Used Battery: 4% Used Memory: 42% User Name: nreynolds Interval -  
Start Time: 10/26/2015 12:00:00 PM Stop Time: 10/27/2015 6:45:00 PM  
10/27/2015 7:00:52 PM Log Download - Used Battery: 4% Used Memory: 42% User Name: nreynolds Interval -  
Start Time: 10/26/2015 3:00:00 PM Stop Time: 10/27/2015 7:00:00 PM  
10/29/2015 2:50:19 PM Log Download - Used Battery: 4% Used Memory: 42% User Name: KMakar Interval - Start  
Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 2:50:00 PM  
11/5/2015 1:50:40 PM Log Download - Used Battery: 4% Used Memory: 42% User Name: KMakar Interval - Start  
Time: 10/20/2015 7:45:00 AM Stop Time: 11/5/2015 1:50:00 PM  
11/12/2015 5:27:24 PM Log Download - Used Battery: 4% Used Memory: 43% User Name: KMakar Interval - Start  
Time: 10/20/2015 7:00:00 AM Stop Time: 11/5/2015 5:50:00 PM  
11/12/2015 6:11:09 PM Log Download - Used Battery: 4% Used Memory: 43% User Name: KMakar Interval - Start  
Time: 10/20/2015 7:00:00 AM Stop Time: 11/12/2015 7:00:00 PM  
11/19/2015 2:57:11 PM Log Download - Used Battery: 4% Used Memory: 43% User Name: KMakar Interval - Start  
Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 2:55:00 PM  
11/29/2015 2:13:56 PM Log Download - Used Battery: 4% Used Memory: 45% User Name: CShaw Interval - Start  
Time: 11/13/2015 1:00:00 AM Stop Time: 11/29/2015 3:00:00 PM  
12/3/2015 9:33:17 AM Log Download - Used Battery: 4% Used Memory: 45% User Name: KMakar Interval - Start  
Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 9:35:00 AM  
12/10/2015 5:23:47 PM Log Download - Used Battery: 4% Used Memory: 46% User Name: CShaw Interval - Start  
Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 6:15:00 PM  
12/17/2015 11:18:20 AM Log Download - Used Battery: 4% Used Memory: 46% User Name: KMakar Interval - Start  
Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 11:15:00 AM  
1/3/2016 2:18:59 PM Log Download - Used Battery: 4% Used Memory: 50% User Name: CShaw Interval - Start  
Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 2:45:00 PM  
1/7/2016 10:15:41 AM Log Download - Used Battery: 4% Used Memory: 50% User Name: KMakar Interval - Start  
Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 10:15:00 AM  
1/14/2016 8:44:01 AM Log Download - Used Battery: 4% Used Memory: 50% User Name: KMakar Interval - Start  
Time: 1/4/2016 10:00:00 AM Stop Time: 1/14/2016 8:45:00 AM  
1/21/2016 11:18:51 AM Log Download - Used Battery: 4% Used Memory: 51% User Name: KMakar Interval - Start  
Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 11:30:00 AM  
1/28/2016 1:51:43 PM Log Download - Used Battery: 4% Used Memory: 51% User Name: KMakar Interval - Start  
Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 1:50:00 PM  
2/4/2016 4:21:42 PM Log Download - Used Battery: 4% Used Memory: 53% User Name: CShaw Interval - Start  
Time: 12/31/2015 1:00:00 AM Stop Time: 2/4/2016 5:05:00 PM  
2/11/2016 12:00:01 PM Log Download - Used Battery: 4% Used Memory: 54% User Name: CShaw Interval - Start  
Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 1:45:45 PM  
2/18/2016 12:21:42 PM Log Download - Used Battery: 4% Used Memory: 54% User Name: CShaw Interval - Start  
Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 12:45:00 PM  
2/25/2016 12:00:20 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval - Start  
Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:00:00 PM  
3/3/2016 3:53:15 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: SKuiper Interval - Start  
Time: 1/31/2016 12:00:01 AM Stop Time: 3/3/2016 4:35:00 PM  
3/10/2016 8:38:18 AM Log Download - Used Battery: 4% Used Memory: 57% User Name: KMakar Interval - Start  
Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:30:00 AM  
3/10/2016 8:48:50 AM Log Download - Used Battery: 4% Used Memory: 57% User Name: KMakar Interval - Start  
Time: 3/1/2016 12:00:00 PM Stop Time: 3/10/2016 8:45:00 AM  
3/17/2016 5:25:01 PM Log Download - Used Battery: 4% Used Memory: 57% User Name: SKuiper Interval - Start  
Time: 3/8/2016 9:00:00 AM Stop Time: 3/17/2016 6:15:00 PM  
3/24/2016 12:22:39 PM Log Download - Used Battery: 4% Used Memory: 59% User Name: KMakar Interval - Start  
Time: 3/15/2016 12:00:00 PM Stop Time: 3/24/2016 12:15:00 PM

Log Data:

Record Count: 865

Sensors: 1

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

Time Zone: Pacific Daylight Time

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#	Elapsed Time	SN#	SN#	SN#	SN#	SN#	SN#
396433	SN#	396433	SN#	396433	SN#	396433	SN#
SN#	396433	SN#	396433	SN#	396433	SN#	396433
Date and Time	Seconds	Pressure (PSI)	Temperature (C)	Depth (ft)	Actual Conductivity (µS)	Specific Conductivity (µS)	Total Dissolved Solids (ppt)
Resistivity (ohm-cm)		Water Density (g/cm3)	Salinity (PSU)				
3/17/2016 12:00:00 AM	129600.000	27.736	14.525	62.478	39809.211	32.558	25.120
1.024	49765.621		33.841				
3/17/2016 12:15:00 AM	130500.000	27.739	14.535	62.485	39832.066	32.572	25.105
1.024	49783.184		33.853				
3/17/2016 12:30:00 AM	131400.000	27.739	14.530	62.485	39806.289	32.552	25.122
1.024	49755.926		33.834				
3/17/2016 12:45:00 AM	132300.000	27.730	14.525	62.464	39784.793	32.537	25.135
1.024	49735.715		33.820				
3/17/2016 1:00:00 AM	133200.000	27.718	14.526	62.438	39765.117	32.518	25.148
1.024	49709.434		33.802				
3/17/2016 1:15:00 AM	134100.000	27.718	14.550	62.437	39806.813	32.537	25.121
1.024	49733.895		33.819				
3/17/2016 1:30:00 AM	135000.000	27.714	14.533	62.428	39758.129	32.506	25.152
1.024	49692.570		33.791				
3/17/2016 1:45:00 AM	135900.000	27.713	14.555	62.426	39744.387	32.477	25.161
1.024	49649.988		33.762				
3/17/2016 2:00:00 AM	136800.000	27.716	14.545	62.432	39771.410	32.509	25.144
1.024	49695.258		33.793				
3/17/2016 2:15:00 AM	137700.000	27.711	14.533	62.422	39780.879	32.527	25.138
1.024	49721.004		33.810				
3/17/2016 2:30:00 AM	138600.000	27.719	14.554	62.439	39761.914	32.493	25.150
1.024	49671.992		33.777				

3/17/2016 2:45:00 AM 39772.031 1.024	139500.000 49695.289	27.726 32.509	14.545 33.793	62.456 25.143
3/17/2016 3:00:00 AM 39753.750 1.024	140400.000 49665.066	27.733 32.487	14.552 33.772	62.472 25.155
3/17/2016 3:15:00 AM 39783.203 1.024	141300.000 49696.281	27.737 32.510	14.556 33.793	62.481 25.136
3/17/2016 3:30:00 AM 39780.938 1.024	142200.000 49689.121	27.743 32.506	14.560 33.789	62.493 25.138
3/17/2016 3:45:00 AM 39820.859 1.024	143100.000 49720.746	27.745 32.530	14.575 33.810	62.499 25.112
3/17/2016 4:00:00 AM 39807.887 1.024	144000.000 49715.297	27.758 32.525	14.566 33.806	62.527 25.121
3/17/2016 4:15:00 AM 39797.227 1.024	144900.000 49702.719	27.771 32.516	14.566 33.798	62.557 25.127
3/17/2016 4:30:00 AM 39827.945 1.024	145800.000 49716.934	27.782 32.528	14.586 33.808	62.581 25.108
3/17/2016 4:45:00 AM 39847.375 1.024	146700.000 49758.484	27.787 32.557	14.572 33.836	62.592 25.096
3/17/2016 5:00:00 AM 39858.961 1.024	147600.000 49755.234	27.791 32.556	14.586 33.834	62.603 25.088
3/17/2016 5:15:00 AM 39876.773 1.024	148500.000 49784.121	27.798 32.577	14.581 33.853	62.617 25.077
3/17/2016 5:30:00 AM 39865.949 1.024	149400.000 49775.879	27.811 32.570	14.576 33.848	62.646 25.084
3/17/2016 5:45:00 AM 39900.895 1.024	150300.000 49820.785	27.817 32.603	14.575 33.878	62.660 25.062
3/17/2016 6:00:00 AM 39894.441 1.024	151200.000 49822.867	27.836 32.604	14.567 33.880	62.704 25.066
3/17/2016 6:15:00 AM 39875.879 1.024	152100.000 49804.852	27.838 32.590	14.562 33.867	62.707 25.078
3/17/2016 6:30:00 AM 39903.789 1.024	153000.000 49840.039	27.838 32.616	14.562 33.891	62.709 25.060
3/17/2016 6:45:00 AM 39901.648 1.024	153900.000 49847.406	27.850 32.620	14.554 33.896	62.734 25.062
3/17/2016 7:00:00 AM 39951.023 1.024	154800.000 49896.699	27.857 32.657	14.564 33.930	62.750 25.031
3/17/2016 7:15:00 AM	155700.000	27.861	14.563	62.760

39988.297	49944.535	32.692	33.962	25.007
1.024				
3/17/2016 7:30:00 AM	156600.000	27.858	14.580	62.753
39969.328	49900.941	32.662	33.933	25.019
1.024				
3/17/2016 7:45:00 AM	157500.000	27.858	14.568	62.754
40011.867	49968.023	32.710	33.978	24.993
1.024				
3/17/2016 8:00:00 AM	158400.000	27.853	14.560	62.742
39983.508	49942.363	32.690	33.961	25.010
1.024				
3/17/2016 8:15:00 AM	159300.000	27.848	14.558	62.730
40001.215	49967.125	32.708	33.978	24.999
1.024				
3/17/2016 8:30:00 AM	160200.000	27.856	14.558	62.749
39974.172	49933.238	32.683	33.955	25.016
1.024				
3/17/2016 8:45:00 AM	161100.000	27.846	14.543	62.726
39974.770	49950.941	32.695	33.967	25.016
1.024				
3/17/2016 9:00:00 AM	162000.000	27.845	14.531	62.723
39960.781	49948.504	32.692	33.965	25.025
1.024				
3/17/2016 9:15:00 AM	162900.000	27.835	14.530	62.700
39928.574	49909.746	32.664	33.939	25.045
1.024				
3/17/2016 9:30:00 AM	163800.000	27.830	14.524	62.690
39918.867	49903.758	32.659	33.935	25.051
1.024				
3/17/2016 9:45:00 AM	164700.000	27.814	14.530	62.654
39888.563	49859.625	32.627	33.905	25.070
1.024				
3/17/2016 10:00:00 AM	165600.000	27.801	14.513	62.625
39861.316	49844.922	32.615	33.895	25.087
1.024				
3/17/2016 10:15:00 AM	166500.000	27.795	14.517	62.611
39876.738	49859.984	32.627	33.905	25.077
1.024				
3/17/2016 10:30:00 AM	167400.000	27.779	14.525	62.574
39839.648	49804.090	32.587	33.867	25.101
1.024				
3/17/2016 10:45:00 AM	168300.000	27.767	14.513	62.548
39846.367	49826.566	32.602	33.882	25.096
1.024				
3/17/2016 11:00:00 AM	169200.000	27.743	14.511	62.494
39817.402	49792.660	32.577	33.859	25.115
1.024				
3/17/2016 11:15:00 AM	170100.000	27.725	14.526	62.453
39826.391	49786.238	32.574	33.855	25.109
1.024				
3/17/2016 11:30:00 AM	171000.000	27.709	14.521	62.417
39792.238	49749.879	32.547	33.830	25.131
1.024				
3/17/2016 11:45:00 AM	171900.000	27.697	14.524	62.389
39810.266	49768.715	32.561	33.843	25.119

1.024				
3/17/2016 12:00:00 PM	172800.000	27.683	14.529	62.358
39756.719	49695.242	32.507	33.793	25.153
1.024				
3/17/2016 12:15:00 PM	173700.000	27.660	14.538	62.306
39756.953	49685.090	32.501	33.786	25.153
1.024				
3/17/2016 12:30:00 PM	174600.000	27.644	14.544	62.272
39769.914	49694.227	32.508	33.792	25.145
1.024				
3/17/2016 12:45:00 PM	175500.000	27.628	14.545	62.235
39722.488	49634.027	32.464	33.751	25.175
1.024				
3/17/2016 1:00:00 PM	176400.000	27.617	14.546	62.209
39698.059	49601.703	32.441	33.729	25.190
1.024				
3/17/2016 1:15:00 PM	177300.000	27.603	14.548	62.178
39690.391	49590.020	32.432	33.721	25.195
1.024				
3/17/2016 1:30:00 PM	178200.000	27.593	14.551	62.157
39710.957	49612.242	32.449	33.736	25.182
1.024				
3/17/2016 1:45:00 PM	179100.000	27.584	14.566	62.137
39730.797	49619.129	32.455	33.741	25.169
1.024				
3/17/2016 2:00:00 PM	180000.000	27.575	14.559	62.115
39706.793	49597.996	32.439	33.727	25.185
1.024				
3/17/2016 2:15:00 PM	180900.000	27.576	14.568	62.117
39663.691	49532.699	32.392	33.682	25.212
1.024				
3/17/2016 2:30:00 PM	181800.000	27.564	14.572	62.090
39668.734	49534.680	32.394	33.684	25.209
1.024				
3/17/2016 2:45:00 PM	182700.000	27.557	14.572	62.074
39655.113	49517.672	32.382	33.672	25.217
1.024				
3/17/2016 3:00:00 PM	183600.000	27.558	14.569	62.078
39679.773	49552.141	32.406	33.695	25.202
1.024				
3/17/2016 3:15:00 PM	184500.000	27.551	14.581	62.061
39663.918	49518.492	32.383	33.673	25.212
1.024				
3/17/2016 3:30:00 PM	185400.000	27.547	14.582	62.053
39661.645	49514.285	32.380	33.670	25.213
1.024				
3/17/2016 3:45:00 PM	186300.000	27.553	14.587	62.066
39642.098	49483.590	32.358	33.649	25.226
1.024				
3/17/2016 4:00:00 PM	187200.000	27.544	14.593	62.045
39644.105	49479.480	32.355	33.646	25.224
1.024				
3/17/2016 4:15:00 PM	188100.000	27.547	14.596	62.051
39649.664	49482.539	32.358	33.648	25.221
1.024				



3/17/2016 4:30:00 PM 39620.805 1.024	189000.000 49437.305	27.555 32.326	14.604 33.617	62.070 25.239
3/17/2016 4:45:00 PM 39640.996 1.024	189900.000 49458.320	27.553 32.341	14.607 33.632	62.067 25.226
3/17/2016 5:00:00 PM 39634.336 1.024	190800.000 49444.348	27.554 32.331	14.612 33.622	62.067 25.231
3/17/2016 5:15:00 PM 39660.844 1.024	191700.000 49465.801	27.566 32.348	14.622 33.637	62.096 25.214
3/17/2016 5:30:00 PM 39570.551 1.024	192600.000 49514.797	27.548 32.372	14.485 33.670	62.056 25.271
3/17/2016 5:45:00 PM 39594.934 1.024	193500.000 49393.109	27.566 32.294	14.614 33.587	62.096 25.256
3/17/2016 6:00:00 PM 39608.676 1.024	194400.000 49389.012	27.576 32.293	14.632 33.585	62.118 25.247
3/17/2016 6:15:00 PM 39650.332 1.024	195300.000 49430.180	27.583 32.323	14.641 33.613	62.133 25.220
3/17/2016 6:30:00 PM 39676.012 1.024	196200.000 49452.363	27.594 32.340	14.650 33.628	62.158 25.204
3/17/2016 6:45:00 PM 39642.691 1.024	197100.000 49404.559	27.588 32.306	14.655 33.595	62.146 25.225
3/17/2016 7:00:00 PM 39651.863 1.024	198000.000 49408.566	27.597 32.309	14.661 33.598	62.166 25.219
3/17/2016 7:15:00 PM 39676.297 1.024	198900.000 49428.449	27.603 32.324	14.670 33.611	62.178 25.204
3/17/2016 7:30:00 PM 39653.996 1.024	199800.000 49389.191	27.610 32.297	14.680 33.585	62.195 25.218
3/17/2016 7:45:00 PM 39692.773 1.024	200700.000 49435.711	27.614 32.331	14.682 33.616	62.204 25.194
3/17/2016 8:00:00 PM 39710.063 1.024	201600.000 49460.375	27.622 32.348	14.679 33.633	62.221 25.183
3/17/2016 8:15:00 PM 39693.293 1.024	202500.000 49430.617	27.622 32.327	14.686 33.613	62.221 25.193
3/17/2016 8:30:00 PM 39715.559 1.024	203400.000 49451.648	27.625 32.343	14.692 33.627	62.228 25.179
3/17/2016 8:45:00 PM 39715.703 1.024	204300.000 49449.434	27.630 32.342	14.694 33.626	62.240 25.179
3/17/2016 9:00:00 PM	205200.000	27.630	14.692	62.240

39724.344	49462.176	32.351	33.634	25.173
1.024				
3/17/2016 9:15:00 PM	206100.000	27.634	14.686	62.249
39742.457	49492.668	32.372	33.655	25.162
1.024				
3/17/2016 9:30:00 PM	207000.000	27.633	14.687	62.246
39735.539	49481.957	32.365	33.648	25.166
1.024				
3/17/2016 9:45:00 PM	207900.000	27.632	14.685	62.244
39750.914	49503.840	32.381	33.663	25.157
1.024				
3/17/2016 10:00:00 PM	208800.000	27.627	14.678	62.232
39765.680	49530.277	32.399	33.681	25.147
1.024				
3/17/2016 10:15:00 PM	209700.000	27.634	14.677	62.249
39731.730	49489.676	32.370	33.653	25.169
1.024				
3/17/2016 10:30:00 PM	210600.000	27.624	14.674	62.227
39764.488	49534.133	32.402	33.683	25.148
1.024				
3/17/2016 10:45:00 PM	211500.000	27.623	14.669	62.223
39770.746	49547.375	32.411	33.692	25.144
1.024				
3/17/2016 11:00:00 PM	212400.000	27.620	14.666	62.217
39754.754	49531.129	32.399	33.681	25.154
1.024				
3/17/2016 11:15:00 PM	213300.000	27.609	14.660	62.192
39774.930	49563.914	32.422	33.703	25.141
1.024				
3/17/2016 11:30:00 PM	214200.000	27.602	14.666	62.176
39755.207	49531.371	32.399	33.681	25.154
1.024				
3/17/2016 11:45:00 PM	215100.000	27.601	14.665	62.173
39752.051	49528.488	32.397	33.679	25.156
1.024				
3/18/2016 12:00:00 AM	216000.000	27.592	14.651	62.153
39755.781	49550.102	32.412	33.694	25.154
1.024				
3/18/2016 12:15:00 AM	216900.000	27.585	14.664	62.137
39779.598	49564.898	32.423	33.704	25.139
1.024				
3/18/2016 12:30:00 AM	217800.000	27.576	14.657	62.118
39712.102	49489.070	32.367	33.653	25.181
1.024				
3/18/2016 12:45:00 AM	218700.000	27.571	14.666	62.107
39753.746	49529.551	32.398	33.680	25.155
1.024				
3/18/2016 1:00:00 AM	219600.000	27.565	14.649	62.093
39747.988	49543.113	32.406	33.689	25.159
1.024				
3/18/2016 1:15:00 AM	220500.000	27.553	14.660	62.065
39678.750	49443.641	32.335	33.622	25.202
1.024				
3/18/2016 1:30:00 AM	221400.000	27.551	14.660	62.061
39716.781	49490.598	32.369	33.654	25.178

1.024				
3/18/2016 1:45:00 AM	222300.000	27.548	14.659	62.054
39693.133	49462.809	32.349	33.635	25.193
1.024				
3/18/2016 2:00:00 AM	223200.000	27.542	14.665	62.040
39740.094	49513.887	32.386	33.669	25.164
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3/18/2016 2:15:00 AM	224100.000	27.540	14.669	62.037
39696.934	49455.094	32.344	33.629	25.191
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3/18/2016 2:30:00 AM	225000.000	27.539	14.664	62.034
39673.516	49432.199	32.327	33.614	25.206
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3/18/2016 2:45:00 AM	225900.000	27.542	14.666	62.042
39649.629	49399.934	32.303	33.592	25.221
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3/18/2016 3:00:00 AM	226800.000	27.535	14.667	62.024
39717.484	49483.012	32.364	33.648	25.178
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3/18/2016 3:15:00 AM	227700.000	27.536	14.676	62.027
39670.891	49415.137	32.315	33.602	25.207
1.024				
3/18/2016 3:30:00 AM	228600.000	27.538	14.672	62.031
39685.844	49438.055	32.332	33.618	25.198
1.024				
3/18/2016 3:45:00 AM	229500.000	27.545	14.677	62.047
39661.551	49402.262	32.306	33.594	25.213
1.024				
3/18/2016 4:00:00 AM	230400.000	27.540	14.682	62.036
39657.250	49391.047	32.298	33.586	25.216
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3/18/2016 4:15:00 AM	231300.000	27.550	14.681	62.058
39656.309	49390.613	32.298	33.586	25.217
1.024				
3/18/2016 4:30:00 AM	232200.000	27.550	14.696	62.058
39675.121	49396.184	32.303	33.589	25.205
1.024				
3/18/2016 4:45:00 AM	233100.000	27.558	14.689	62.076
39660.875	49386.895	32.296	33.583	25.214
1.024				
3/18/2016 5:00:00 AM	234000.000	27.561	14.702	62.083
39660.129	49371.352	32.285	33.573	25.214
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3/18/2016 5:15:00 AM	234900.000	27.566	14.704	62.096
39694.652	49411.219	32.315	33.600	25.192
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3/18/2016 5:30:00 AM	235800.000	27.576	14.704	62.118
39688.109	49403.379	32.309	33.594	25.196
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3/18/2016 5:45:00 AM	236700.000	27.580	14.722	62.126
39683.727	49376.641	32.291	33.576	25.199
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3/18/2016 6:00:00 AM	237600.000	27.584	14.715	62.136
39731.016	49444.367	32.340	33.622	25.169
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3/18/2016 6:15:00 AM 39688.973 1.024	238500.000 49392.566	27.592 32.302	14.714 33.587	62.155 25.196
3/18/2016 6:30:00 AM 39693.766 1.024	239400.000 49397.484	27.600 32.305	14.715 33.590	62.173 25.193
3/18/2016 6:45:00 AM 39731.902 1.024	240300.000 49442.754	27.604 32.339	14.717 33.621	62.180 25.169
3/18/2016 7:00:00 AM 39760.789 1.024	241200.000 49495.012	27.616 32.376	14.703 33.657	62.207 25.150
3/18/2016 7:15:00 AM 39737.375 1.024	242100.000 49471.703	27.620 32.358	14.698 33.641	62.217 25.165
3/18/2016 7:30:00 AM 39763.688 1.024	243000.000 49518.371	27.623 32.391	14.686 33.672	62.224 25.149
3/18/2016 7:45:00 AM 39758.566 1.024	243900.000 49506.461	27.628 32.383	14.691 33.664	62.235 25.152
3/18/2016 8:00:00 AM 39742.875 1.024	244800.000 49494.031	27.630 32.373	14.685 33.656	62.240 25.162
3/18/2016 8:15:00 AM 39766.688 1.024	245700.000 49511.449	27.627 32.387	14.695 33.668	62.233 25.147
3/18/2016 8:30:00 AM 39799.754 1.024	246600.000 49544.125	27.635 32.411	14.703 33.690	62.251 25.126
3/18/2016 8:45:00 AM 39786.363 1.024	247500.000 49526.734	27.629 32.399	14.703 33.678	62.237 25.134
3/18/2016 9:00:00 AM 39825.672 1.024	248400.000 49559.336	27.630 32.424	14.717 33.700	62.240 25.109
3/18/2016 9:15:00 AM 39827.113 1.024	249300.000 49549.410	27.618 32.417	14.727 33.694	62.212 25.109
3/18/2016 9:30:00 AM 39845.125 1.024	250200.000 49571.926	27.624 32.434	14.727 33.709	62.226 25.097
3/18/2016 9:45:00 AM 39850.824 1.024	251100.000 49579.434	27.607 32.439	14.727 33.714	62.187 25.094
3/18/2016 10:00:00 AM 39878.496 1.024	252000.000 49611.234	27.600 32.462	14.729 33.736	62.173 25.076
3/18/2016 10:15:00 AM 39848.457 1.024	252900.000 49586.742	27.591 32.444	14.718 33.719	62.151 25.095
3/18/2016 10:30:00 AM 39833.691 1.024	253800.000 49568.691	27.586 32.430	14.718 33.707	62.140 25.104
3/18/2016 10:45:00 AM	254700.000	27.566	14.715	62.096

39830.859	49567.680	32.430	33.706	25.106
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3/18/2016 11:00:00 AM	255600.000	27.556	14.705	62.072
39758.340	49489.863	32.372	33.653	25.152
1.024				
3/18/2016 11:15:00 AM	256500.000	27.541	14.716	62.040
39800.016	49528.664	32.401	33.679	25.126
1.024				
3/18/2016 11:30:00 AM	257400.000	27.525	14.705	62.003
39768.539	49502.242	32.381	33.662	25.146
1.024				
3/18/2016 11:45:00 AM	258300.000	27.513	14.716	61.975
39761.457	49480.355	32.366	33.647	25.150
1.024				
3/18/2016 12:00:00 PM	259200.000	27.494	14.695	61.933
39723.758	49458.000	32.348	33.631	25.174
1.024				
3/18/2016 12:15:00 PM	260100.000	27.485	14.701	61.912
39741.301	49473.453	32.360	33.642	25.163
1.024				
3/18/2016 12:30:00 PM	261000.000	27.465	14.695	61.867
39700.246	49428.727	32.327	33.612	25.189
1.024				
3/18/2016 12:45:00 PM	261900.000	27.456	14.699	61.846
39708.363	49434.535	32.331	33.615	25.184
1.024				
3/18/2016 1:00:00 PM	262800.000	27.438	14.694	61.808
39642.852	49358.727	32.275	33.564	25.225
1.024				
3/18/2016 1:15:00 PM	263700.000	27.424	14.695	61.776
39641.066	49355.867	32.273	33.562	25.226
1.024				
3/18/2016 1:30:00 PM	264600.000	27.421	14.698	61.768
39652.457	49366.609	32.282	33.569	25.219
1.024				
3/18/2016 1:45:00 PM	265500.000	27.406	14.698	61.734
39632.699	49340.973	32.263	33.552	25.232
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3/18/2016 2:00:00 PM	266400.000	27.394	14.705	61.709
39655.078	49361.324	32.278	33.566	25.217
1.024				
3/18/2016 2:15:00 PM	267300.000	27.385	14.696	61.687
39568.766	49264.285	32.207	33.500	25.272
1.024				
3/18/2016 2:30:00 PM	268200.000	27.376	14.703	61.667
39585.824	49277.305	32.217	33.509	25.262
1.024				
3/18/2016 2:45:00 PM	269100.000	27.369	14.699	61.651
39591.961	49289.313	32.225	33.517	25.258
1.024				
3/18/2016 3:00:00 PM	270000.000	27.362	14.704	61.635
39544.727	49224.488	32.178	33.473	25.288
1.024				
3/18/2016 3:15:00 PM	270900.000	27.357	14.708	61.624
39566.453	49246.953	32.195	33.488	25.274

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3/18/2016 3:30:00 PM	271800.000	27.349	14.709	61.606
39550.711	49226.637	32.180	33.474	25.284
1.024				
3/18/2016 3:45:00 PM	272700.000	27.345	14.708	61.598
39510.340	49177.109	32.144	33.440	25.310
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3/18/2016 4:00:00 PM	273600.000	27.341	14.714	61.588
39538.629	49205.355	32.165	33.460	25.292
1.024				
3/18/2016 4:15:00 PM	274500.000	27.338	14.717	61.581
39535.980	49198.637	32.161	33.455	25.293
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3/18/2016 4:30:00 PM	275400.000	27.341	14.721	61.588
39504.133	49154.539	32.129	33.425	25.314
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3/18/2016 4:45:00 PM	276300.000	27.338	14.727	61.582
39503.000	49146.285	32.123	33.419	25.315
1.024				
3/18/2016 5:00:00 PM	277200.000	27.339	14.735	61.585
39478.125	49105.590	32.094	33.392	25.330
1.024				
3/18/2016 5:15:00 PM	278100.010	27.340	14.741	61.586
39480.551	49101.773	32.092	33.389	25.329
1.024				
3/18/2016 5:30:00 PM	279000.000	27.341	14.747	61.587
39494.734	49112.574	32.100	33.397	25.320
1.024				
3/18/2016 5:45:00 PM	279900.000	27.347	14.749	61.602
39442.586	49045.133	32.051	33.351	25.353
1.024				
3/18/2016 6:00:00 PM	280800.000	27.350	14.766	61.608
39464.719	49052.691	32.058	33.356	25.339
1.024				
3/18/2016 6:15:00 PM	281700.000	27.354	14.772	61.618
39488.332	49075.105	32.075	33.371	25.324
1.024				
3/18/2016 6:30:00 PM	282600.000	27.360	14.779	61.630
39449.176	49019.004	32.035	33.333	25.349
1.024				
3/18/2016 6:45:00 PM	283500.000	27.363	14.792	61.639
39474.184	49034.996	32.047	33.344	25.333
1.024				
3/18/2016 7:00:00 PM	284400.000	27.366	14.802	61.644
39468.738	49015.844	32.034	33.331	25.337
1.024				
3/18/2016 7:15:00 PM	285300.000	27.372	14.818	61.658
39443.691	48966.273	31.999	33.297	25.353
1.024				
3/18/2016 7:30:00 PM	286200.000	27.386	14.824	61.690
39488.109	49015.012	32.035	33.330	25.324
1.024				
3/18/2016 7:45:00 PM	287100.000	27.387	14.838	61.691
39467.879	48973.727	32.006	33.302	25.337
1.024				

3/18/2016 8:00:00 PM	288000.000	27.390	14.847	61.699
39483.176	48981.980	32.013	33.308	25.327
1.024				
3/18/2016 8:15:00 PM	288900.000	27.395	14.858	61.711
39504.520	48995.078	32.023	33.317	25.314
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3/18/2016 8:30:00 PM	289800.000	27.398	14.866	61.716
39519.145	49004.137	32.031	33.323	25.304
1.024				
3/18/2016 8:45:00 PM	290700.000	27.404	14.870	61.729
39561.035	49051.555	32.066	33.355	25.277
1.024				
3/18/2016 9:00:00 PM	291600.000	27.404	14.888	61.731
39566.074	49037.500	32.057	33.346	25.274
1.024				
3/18/2016 9:15:00 PM	292500.000	27.411	14.881	61.745
39554.777	49030.602	32.051	33.341	25.281
1.024				
3/18/2016 9:30:00 PM	293400.000	27.413	14.894	61.750
39533.891	48989.996	32.023	33.313	25.295
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3/18/2016 9:45:00 PM	294300.000	27.413	14.899	61.750
39566.531	49025.078	32.048	33.337	25.274
1.024				
3/18/2016 10:00:00 PM	295200.000	27.414	14.912	61.753
39593.156	49043.141	32.063	33.349	25.257
1.024				
3/18/2016 10:15:00 PM	296100.000	27.413	14.911	61.750
39597.219	49048.488	32.067	33.353	25.254
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3/18/2016 10:30:00 PM	297000.000	27.411	14.905	61.747
39630.199	49096.344	32.101	33.386	25.233
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3/18/2016 10:45:00 PM	297900.000	27.409	14.904	61.741
39640.270	49110.770	32.111	33.395	25.227
1.024				
3/18/2016 11:00:00 PM	298800.000	27.407	14.907	61.736
39639.223	49105.766	32.108	33.392	25.228
1.024				
3/18/2016 11:15:00 PM	299700.000	27.404	14.901	61.730
39628.340	49098.676	32.102	33.387	25.234
1.024				
3/18/2016 11:30:00 PM	300600.000	27.403	14.890	61.727
39666.895	49159.965	32.146	33.429	25.210
1.024				
3/18/2016 11:45:00 PM	301500.000	27.397	14.882	61.714
39673.180	49176.340	32.157	33.440	25.206
1.024				
3/19/2016 12:00:00 AM	302400.000	27.394	14.872	61.708
39604.023	49102.582	32.103	33.390	25.250
1.024				
3/19/2016 12:15:00 AM	303300.000	27.385	14.871	61.686
39668.852	49183.773	32.162	33.445	25.209
1.024				
3/19/2016 12:30:00 AM	304200.000	27.377	14.866	61.669

39610.602	49117.543	32.113	33.400	25.246
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3/19/2016 12:45:00 AM	305100.000	27.374	14.854	61.662
39604.313	49123.699	32.117	33.404	25.250
1.024				
3/19/2016 1:00:00 AM	306000.000	27.364	14.849	61.639
39592.121	49114.348	32.110	33.398	25.258
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3/19/2016 1:15:00 AM	306900.000	27.363	14.844	61.637
39600.027	49129.730	32.120	33.408	25.253
1.024				
3/19/2016 1:30:00 AM	307800.000	27.350	14.840	61.608
39572.016	49100.156	32.099	33.388	25.270
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3/19/2016 1:45:00 AM	308700.000	27.344	14.833	61.596
39583.969	49123.570	32.115	33.404	25.263
1.024				
3/19/2016 2:00:00 AM	309600.000	27.344	14.825	61.595
39623.488	49181.816	32.157	33.444	25.238
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3/19/2016 2:15:00 AM	310500.000	27.338	14.821	61.581
39552.641	49098.328	32.096	33.387	25.283
1.024				
3/19/2016 2:30:00 AM	311400.000	27.329	14.822	61.560
39573.477	49123.355	32.114	33.404	25.269
1.024				
3/19/2016 2:45:00 AM	312300.000	27.327	14.824	61.556
39597.129	49149.516	32.133	33.422	25.254
1.024				
3/19/2016 3:00:00 AM	313200.000	27.322	14.820	61.545
39565.930	49116.477	32.109	33.399	25.274
1.024				
3/19/2016 3:15:00 AM	314100.000	27.327	14.821	61.557
39530.516	49070.863	32.076	33.368	25.297
1.024				
3/19/2016 3:30:00 AM	315000.000	27.328	14.817	61.559
39526.980	49071.625	32.076	33.369	25.299
1.024				
3/19/2016 3:45:00 AM	315900.000	27.323	14.819	61.547
39566.551	49118.180	32.110	33.400	25.274
1.024				
3/19/2016 4:00:00 AM	316800.010	27.329	14.823	61.561
39525.480	49061.922	32.069	33.362	25.300
1.024				
3/19/2016 4:15:00 AM	317700.000	27.334	14.820	61.572
39534.801	49076.797	32.080	33.372	25.294
1.024				
3/19/2016 4:30:00 AM	318600.000	27.341	14.827	61.588
39560.961	49101.211	32.098	33.389	25.277
1.024				
3/19/2016 4:45:00 AM	319500.000	27.342	14.832	61.591
39554.914	49087.926	32.089	33.380	25.281
1.024				
3/19/2016 5:00:00 AM	320400.000	27.357	14.834	61.624
39611.641	49156.352	32.139	33.426	25.245



1.024				
3/19/2016 5:15:00 AM	321300.000	27.364	14.833	61.639
39522.492	49046.867	32.059	33.352	25.302
1.024				
3/19/2016 5:30:00 AM	322200.000	27.370	14.829	61.653
39557.363	49094.570	32.094	33.384	25.280
1.024				
3/19/2016 5:45:00 AM	323100.000	27.381	14.830	61.678
39546.063	49079.926	32.083	33.374	25.287
1.024				
3/19/2016 6:00:00 AM	324000.000	27.397	14.834	61.713
39562.039	49095.324	32.095	33.385	25.277
1.024				
3/19/2016 6:15:00 AM	324900.000	27.407	14.819	61.738
39556.711	49105.441	32.101	33.392	25.280
1.024				
3/19/2016 6:30:00 AM	325800.000	27.419	14.804	61.765
39585.676	49159.609	32.139	33.429	25.262
1.024				
3/19/2016 6:45:00 AM	326700.000	27.441	14.793	61.812
39580.867	49166.387	32.143	33.433	25.265
1.024				
3/19/2016 7:00:00 AM	327600.000	27.450	14.783	61.835
39596.918	49197.617	32.165	33.454	25.254
1.024				
3/19/2016 7:15:00 AM	328500.000	27.468	14.773	61.875
39606.906	49221.648	32.182	33.471	25.248
1.024				
3/19/2016 7:30:00 AM	329400.000	27.474	14.765	61.889
39652.617	49288.211	32.230	33.516	25.219
1.024				
3/19/2016 7:45:00 AM	330300.000	27.493	14.758	61.930
39627.168	49264.883	32.212	33.500	25.235
1.024				
3/19/2016 8:00:00 AM	331200.000	27.508	14.747	61.964
39644.758	49299.547	32.237	33.524	25.224
1.024				
3/19/2016 8:15:00 AM	332100.000	27.528	14.738	62.010
39674.203	49346.266	32.270	33.555	25.205
1.024				
3/19/2016 8:30:00 AM	333000.000	27.533	14.740	62.021
39695.871	49370.805	32.288	33.572	25.192
1.024				
3/19/2016 8:45:00 AM	333900.000	27.555	14.722	62.069
39717.418	49418.984	32.322	33.605	25.178
1.024				
3/19/2016 9:00:00 AM	334800.000	27.550	14.721	62.058
39744.203	49452.832	32.346	33.628	25.161
1.024				
3/19/2016 9:15:00 AM	335700.000	27.574	14.711	62.114
39777.152	49505.965	32.384	33.664	25.140
1.024				
3/19/2016 9:30:00 AM	336600.000	27.565	14.705	62.093
39772.148	49507.258	32.385	33.665	25.143
1.024				

3/19/2016 9:45:00 AM 39822.113 1.024	337500.000 49572.172	27.586 32.432	14.702 33.709	62.140 25.112
3/19/2016 10:00:00 AM 39883.578 1.024	338400.000 49651.840	27.578 32.490	14.700 33.763	62.122 25.073
3/19/2016 10:15:00 AM 39871.242 1.024	339300.000 49627.039	27.585 32.472	14.708 33.746	62.137 25.081
3/19/2016 10:30:00 AM 39936.672 1.024	340200.000 49680.895	27.589 32.513	14.731 33.783	62.146 25.040
3/19/2016 10:45:00 AM 39960.820 1.024	341100.000 49693.414	27.588 32.524	14.746 33.792	62.144 25.025
3/19/2016 11:00:00 AM 39909.375 1.024	342000.000 49649.871	27.581 32.491	14.729 33.762	62.129 25.057
3/19/2016 11:15:00 AM 39972.031 1.024	342900.000 49710.719	27.588 32.536	14.743 33.803	62.144 25.017
3/19/2016 11:30:00 AM 39933.566 1.024	343800.000 49688.879	27.577 32.518	14.721 33.788	62.121 25.042
3/19/2016 11:45:00 AM 39918.984 1.024	344700.000 49673.027	27.579 32.507	14.719 33.778	62.124 25.051
3/19/2016 12:00:00 PM 39875.191 1.024	345600.000 49661.949	27.573 32.496	14.682 33.770	62.112 25.078
3/19/2016 12:15:00 PM 39846.543 1.024	346500.000 49640.449	27.576 32.479	14.670 33.756	62.118 25.096
3/19/2016 12:30:00 PM 39834.195 1.024	347400.000 49637.016	27.575 32.476	14.660 33.753	62.116 25.104
3/19/2016 12:45:00 PM 39791.922 1.024	348300.000 49581.938	27.549 32.436	14.662 33.716	62.056 25.131
3/19/2016 1:00:00 PM 39794.074 1.024	349200.000 49610.426	27.542 32.455	14.640 33.735	62.040 25.129
3/19/2016 1:15:00 PM 39739.773 1.024	350100.000 49546.293	27.534 32.408	14.637 33.691	62.023 25.164
3/19/2016 1:30:00 PM 39736.223 1.024	351000.000 49545.020	27.539 32.407	14.635 33.691	62.035 25.166
3/19/2016 1:45:00 PM 39685.359 1.024	351900.000 49490.707	27.517 32.366	14.627 33.654	61.986 25.198
3/19/2016 2:00:00 PM 39671.824 1.024	352800.000 49478.227	27.515 32.357	14.623 33.645	61.980 25.207
3/19/2016 2:15:00 PM	353700.000	27.507	14.622	61.963

39643.586	49444.375	32.332	33.622	25.225
1.024				
3/19/2016 2:30:00 PM	354600.000	27.497	14.637	61.940
39633.379	49414.578	32.312	33.602	25.231
1.024				
3/19/2016 2:45:00 PM	355500.000	27.483	14.633	61.907
39591.082	49366.453	32.276	33.569	25.258
1.024				
3/19/2016 3:00:00 PM	356400.000	27.479	14.639	61.900
39592.406	49360.473	32.272	33.565	25.257
1.024				
3/19/2016 3:15:00 PM	357300.000	27.462	14.636	61.861
39612.598	49389.000	32.293	33.585	25.244
1.024				
3/19/2016 3:30:00 PM	358200.000	27.466	14.640	61.871
39575.484	49338.531	32.256	33.550	25.268
1.024				
3/19/2016 3:45:00 PM	359100.000	27.431	14.643	61.792
39578.801	49339.441	32.257	33.551	25.266
1.024				
3/19/2016 4:00:00 PM	360000.000	27.431	14.655	61.790
39541.258	49278.148	32.214	33.509	25.290
1.024				
3/19/2016 4:15:00 PM	360900.000	27.435	14.648	61.800
39510.813	49248.852	32.192	33.489	25.310
1.024				
3/19/2016 4:30:00 PM	361800.000	27.447	14.663	61.826
39558.734	49290.859	32.224	33.518	25.279
1.024				
3/19/2016 4:45:00 PM	362700.000	27.438	14.656	61.806
39545.902	49282.883	32.217	33.512	25.287
1.024				
3/19/2016 5:00:00 PM	363600.000	27.435	14.664	61.800
39537.352	49263.168	32.203	33.499	25.293
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3/19/2016 5:15:00 PM	364500.000	27.453	14.667	61.840
39562.895	49291.137	32.224	33.518	25.276
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3/19/2016 5:30:00 PM	365400.000	27.428	14.679	61.784
39535.387	49243.027	32.190	33.485	25.294
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39516.938	49207.355	32.165	33.461	25.306
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3/19/2016 6:00:00 PM	367200.000	27.453	14.683	61.840
39548.988	49255.383	32.199	33.494	25.285
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39576.426	49274.652	32.214	33.507	25.268
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3/19/2016 6:30:00 PM	369000.000	27.463	14.694	61.862
39547.234	49240.184	32.189	33.483	25.286
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3/19/2016 6:45:00 PM	369900.000	27.475	14.717	61.891
39570.285	49241.734	32.192	33.484	25.271

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3/19/2016 7:00:00 PM	370800.000	27.485	14.703	61.913
39575.906	49265.168	32.208	33.500	25.268
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3/19/2016 7:15:00 PM	371700.000	27.488	14.718	61.919
39558.324	49225.395	32.180	33.473	25.279
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3/19/2016 7:30:00 PM	372600.000	27.513	14.708	61.975
39565.707	49246.227	32.195	33.487	25.274
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3/19/2016 7:45:00 PM	373500.001	27.536	14.741	62.027
39638.633	49298.797	32.236	33.523	25.228
1.024				
3/19/2016 8:00:00 PM	374400.000	27.532	14.757	62.018
39648.711	49292.500	32.232	33.519	25.222
1.024				
3/19/2016 8:15:00 PM	375300.000	27.549	14.726	62.056
39617.328	49289.980	32.228	33.517	25.241
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3/19/2016 8:30:00 PM	376200.000	27.579	14.741	62.123
39609.934	49262.996	32.209	33.499	25.246
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3/19/2016 8:45:00 PM	377100.000	27.581	14.728	62.129
39641.801	49317.512	32.248	33.536	25.226
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3/19/2016 9:00:00 PM	378000.000	27.595	14.712	62.161
39650.590	49346.875	32.268	33.556	25.220
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39626.645	49344.172	32.265	33.554	25.236
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3/19/2016 9:30:00 PM	379800.000	27.635	14.670	62.251
39679.656	49433.488	32.328	33.615	25.202
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39708.969	49469.566	32.354	33.639	25.183
1.024				
3/19/2016 10:00:00 PM	381600.000	27.642	14.673	62.266
39699.570	49454.633	32.344	33.629	25.189
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39777.223	49550.313	32.414	33.694	25.140
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39791.719	49565.855	32.425	33.705	25.131
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39777.152	49557.555	32.418	33.699	25.140
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3/19/2016 11:00:00 PM	385200.000	27.678	14.672	62.348
39840.543	49631.379	32.472	33.749	25.100
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3/19/2016 11:15:00 PM	386100.000	27.673	14.666	62.335
39823.281	49616.922	32.461	33.740	25.111
1.024				

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39866.867	49669.953	32.500	33.776	25.083
1.024				
3/19/2016 11:45:00 PM	387900.000	27.689	14.664	62.371
39872.559	49680.309	32.508	33.783	25.080
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3/20/2016 12:00:00 AM	388800.000	27.675	14.630	62.342
39831.629	49669.750	32.497	33.775	25.106
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3/20/2016 12:15:00 AM	389700.000	27.691	14.639	62.377
39891.313	49733.230	32.544	33.819	25.068
1.024				
3/20/2016 12:30:00 AM	390600.000	27.686	14.608	62.366
39840.957	49707.160	32.523	33.801	25.100
1.024				
3/20/2016 12:45:00 AM	391500.000	27.702	14.611	62.400
39807.121	49661.152	32.489	33.770	25.121
1.024				
3/20/2016 1:00:00 AM	392400.000	27.682	14.591	62.357
39839.309	49724.695	32.534	33.813	25.101
1.024				
3/20/2016 1:15:00 AM	393300.000	27.678	14.583	62.347
39815.906	49706.129	32.520	33.800	25.116
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39758.438	49647.652	32.476	33.760	25.152
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39786.113	49691.578	32.508	33.790	25.134
1.024				
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39746.316	49654.309	32.480	33.765	25.160
1.024				
3/20/2016 2:15:00 AM	396900.000	27.679	14.541	62.349
39702.949	49614.016	32.449	33.738	25.187
1.024				
3/20/2016 2:30:00 AM	397800.000	27.689	14.570	62.373
39707.941	49586.055	32.431	33.719	25.184
1.024				
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39696.520	49607.043	32.444	33.733	25.191
1.024				
3/20/2016 3:00:00 AM	399600.000	27.661	14.556	62.309
39699.258	49591.738	32.434	33.722	25.189
1.024				
3/20/2016 3:15:00 AM	400500.000	27.655	14.546	62.295
39694.398	49598.070	32.438	33.727	25.192
1.024				
3/20/2016 3:30:00 AM	401400.000	27.655	14.554	62.295
39655.488	49539.684	32.396	33.687	25.217
1.024				
3/20/2016 3:45:00 AM	402300.000	27.655	14.543	62.295
39642.164	49535.645	32.392	33.684	25.226
1.024				
3/20/2016 4:00:00 AM	403200.000	27.658	14.550	62.302

39662.824	49553.898	32.406	33.697	25.213
1.024				
3/20/2016 4:15:00 AM	404100.000	27.663	14.552	62.314
39662.578	49550.426	32.404	33.694	25.213
1.024				
3/20/2016 4:30:00 AM	405000.000	27.665	14.565	62.317
39652.602	49522.824	32.385	33.676	25.219
1.024				
3/20/2016 4:45:00 AM	405900.000	27.664	14.574	62.316
39672.457	49536.914	32.396	33.685	25.206
1.024				
3/20/2016 5:00:00 AM	406800.000	27.662	14.554	62.311
39655.344	49539.918	32.396	33.687	25.217
1.024				
3/20/2016 5:15:00 AM	407700.000	27.667	14.573	62.322
39697.074	49568.707	32.419	33.707	25.191
1.024				
3/20/2016 5:30:00 AM	408600.000	27.674	14.588	62.339
39636.984	49476.164	32.353	33.644	25.229
1.024				
3/20/2016 5:45:00 AM	409500.000	27.675	14.570	62.342
39642.988	49504.844	32.372	33.663	25.225
1.024				
3/20/2016 6:00:00 AM	410400.000	27.685	14.568	62.362
39670.086	49540.688	32.398	33.688	25.208
1.024				
3/20/2016 6:15:00 AM	411300.000	27.703	14.566	62.404
39660.730	49531.734	32.391	33.682	25.214
1.024				
3/20/2016 6:30:00 AM	412200.000	27.726	14.602	62.455
39709.176	49549.672	32.407	33.694	25.183
1.024				
3/20/2016 6:45:00 AM	413100.000	27.737	14.599	62.480
39718.590	49564.781	32.418	33.704	25.177
1.024				
3/20/2016 7:00:00 AM	414000.000	27.756	14.596	62.524
39720.031	49570.266	32.422	33.708	25.176
1.024				
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39746.879	49588.324	32.436	33.720	25.159
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3/20/2016 7:30:00 AM	415800.000	27.767	14.612	62.548
39774.355	49618.816	32.459	33.741	25.142
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39767.473	49634.828	32.469	33.752	25.146
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3/20/2016 8:00:00 AM	417600.000	27.791	14.568	62.603
39790.086	49690.543	32.507	33.790	25.132
1.024				
3/20/2016 8:15:00 AM	418500.000	27.807	14.558	62.639
39767.684	49675.305	32.495	33.779	25.146
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39806.715	49725.535	32.532	33.813	25.121

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3/20/2016 8:45:00 AM	420300.000	27.848	14.537	62.730
39822.547	49767.922	32.561	33.842	25.111
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3/20/2016 9:00:00 AM	421200.000	27.841	14.517	62.714
39868.699	49850.352	32.620	33.898	25.082
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3/20/2016 9:15:00 AM	422100.000	27.846	14.518	62.726
39878.613	49861.375	32.628	33.906	25.076
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39928.605	49906.285	32.662	33.936	25.045
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3/20/2016 9:45:00 AM	423900.000	27.866	14.524	62.771
39935.859	49925.840	32.675	33.950	25.040
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3/20/2016 10:00:00 AM	424800.000	27.869	14.526	62.777
39958.773	49951.309	32.694	33.967	25.026
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3/20/2016 10:15:00 AM	425700.000	27.884	14.531	62.812
39999.203	49996.758	32.728	33.998	25.000
1.024				
3/20/2016 10:30:00 AM	426600.000	27.878	14.527	62.798
40033.160	50043.227	32.761	34.029	24.979
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3/20/2016 10:45:00 AM	427500.000	27.880	14.522	62.803
40010.277	50021.324	32.745	34.015	24.994
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3/20/2016 11:00:00 AM	428400.000	27.882	14.483	62.808
39995.996	50049.277	32.762	34.034	25.003
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3/20/2016 11:15:00 AM	429300.000	27.886	14.499	62.816
39993.992	50028.590	32.748	34.019	25.004
1.024				
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39990.629	50028.633	32.748	34.019	25.006
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3/20/2016 11:45:00 AM	431100.000	27.877	14.461	62.796
39911.820	49970.824	32.703	33.980	25.055
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3/20/2016 12:00:00 PM	432000.000	27.878	14.462	62.798
39948.730	50016.082	32.736	34.011	25.032
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39875.430	49927.707	32.671	33.951	25.078
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39827.402	49866.922	32.627	33.910	25.108
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39851.730	49897.383	32.649	33.930	25.093
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3/20/2016 1:00:00 PM	435600.000	27.838	14.436	62.707
39815.055	49879.285	32.634	33.918	25.116
1.024				

3/20/2016 1:15:00 PM 39791.867 1.024	436500.000 49841.953	27.824 32.607	14.443 33.893	62.677 25.131
3/20/2016 1:30:00 PM 39746.160 1.024	437400.000 49792.547	27.805 32.571	14.436 33.859	62.633 25.160
3/20/2016 1:45:00 PM 39703.160 1.024	438300.000 49734.336	27.799 32.529	14.440 33.819	62.621 25.187
3/20/2016 2:00:00 PM 39719.324 1.024	439200.000 49733.297	27.781 32.529	14.458 33.819	62.578 25.177
3/20/2016 2:15:00 PM 39651.547 1.024	440100.000 49654.984	27.757 32.472	14.452 33.765	62.525 25.220
3/20/2016 2:30:00 PM 39656.926 1.024	441000.000 49649.254	27.751 32.469	14.463 33.761	62.513 25.216
3/20/2016 2:45:00 PM 39637.383 1.024	441900.000 49620.984	27.740 32.448	14.466 33.742	62.486 25.229
3/20/2016 3:00:00 PM 39585.617 1.024	442800.000 49536.379	27.715 32.388	14.483 33.685	62.430 25.262
3/20/2016 3:15:00 PM 39599.512 1.024	443700.000 49551.977	27.707 32.399	14.484 33.695	62.414 25.253
3/20/2016 3:30:00 PM 39567.504 1.024	444600.000 49511.078	27.690 32.370	14.485 33.668	62.375 25.273
3/20/2016 3:45:00 PM 39541.652 1.024	445500.000 49457.703	27.679 32.332	14.503 33.631	62.350 25.290
3/20/2016 4:00:00 PM 39566.082 1.024	446400.000 49478.379	27.660 32.348	14.511 33.645	62.306 25.274
3/20/2016 4:15:00 PM 39563.527 1.024	447300.000 49493.684	27.655 32.358	14.496 33.656	62.297 25.276
3/20/2016 4:30:00 PM 39553.430 1.024	448200.000 49459.094	27.643 32.334	14.514 33.632	62.269 25.282
3/20/2016 4:45:00 PM 39559.398 1.024	449100.000 49462.980	27.625 32.337	14.517 33.635	62.227 25.278
3/20/2016 5:00:00 PM 39512.359 1.024	450000.000 49410.055	27.630 32.298	14.512 33.599	62.240 25.309
3/20/2016 5:15:00 PM 39507.227 1.024	450900.000 49394.605	27.630 32.288	14.520 33.588	62.239 25.312
3/20/2016 5:30:00 PM 39528.426 1.024	451800.000 49416.484	27.615 32.304	14.524 33.603	62.206 25.298
3/20/2016 5:45:00 PM	452700.000	27.608	14.525	62.190



39508.484	49390.512	32.285	33.586	25.311
1.024				
3/20/2016 6:00:00 PM	453600.000	27.617	14.527	62.210
39521.293	49404.004	32.295	33.595	25.303
1.024				
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39512.539	49393.586	32.287	33.588	25.308
1.024				
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39473.738	49342.461	32.250	33.553	25.333
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3/20/2016 6:45:00 PM	456300.000	27.620	14.536	62.218
39470.121	49329.676	32.242	33.544	25.336
1.024				
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39537.945	49413.594	32.303	33.601	25.292
1.024				
3/20/2016 7:15:00 PM	458100.000	27.636	14.546	62.253
39505.551	49361.270	32.265	33.566	25.313
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3/20/2016 7:30:00 PM	459000.000	27.644	14.548	62.271
39497.461	49348.754	32.257	33.557	25.318
1.024				
3/20/2016 7:45:00 PM	459900.000	27.644	14.553	62.271
39510.414	49359.488	32.265	33.564	25.310
1.024				
3/20/2016 8:00:00 PM	460800.000	27.652	14.557	62.289
39544.898	49398.164	32.293	33.591	25.288
1.024				
3/20/2016 8:15:00 PM	461700.000	27.660	14.560	62.307
39533.316	49379.410	32.280	33.578	25.295
1.024				
3/20/2016 8:30:00 PM	462600.000	27.668	14.578	62.326
39549.148	49378.238	32.280	33.577	25.285
1.024				
3/20/2016 8:45:00 PM	463500.000	27.685	14.607	62.363
39572.438	49372.785	32.279	33.573	25.270
1.024				
3/20/2016 9:00:00 PM	464400.000	27.678	14.574	62.348
39514.938	49340.020	32.252	33.551	25.307
1.024				
3/20/2016 9:15:00 PM	465300.000	27.700	14.605	62.396
39608.309	49420.773	32.314	33.606	25.247
1.024				
3/20/2016 9:30:00 PM	466200.000	27.709	14.601	62.417
39625.098	49445.922	32.332	33.623	25.237
1.024				
3/20/2016 9:45:00 PM	467100.000	27.708	14.604	62.415
39644.176	49466.895	32.347	33.637	25.224
1.024				
3/20/2016 10:00:00 PM	468000.000	27.725	14.600	62.453
39643.289	49469.445	32.349	33.639	25.225
1.024				
3/20/2016 10:15:00 PM	468900.000	27.735	14.586	62.476
39663.563	49511.637	32.378	33.668	25.212

1.024				
3/20/2016 10:30:00 PM	469800.000	27.748	14.577	62.506
39699.160	49567.000	32.418	33.706	25.189
1.024				
3/20/2016 10:45:00 PM	470700.000	27.752	14.565	62.513
39695.563	49577.012	32.424	33.712	25.192
1.024				
3/20/2016 11:00:00 PM	471600.000	27.772	14.572	62.559
39656.035	49519.254	32.383	33.673	25.217
1.024				
3/20/2016 11:15:00 PM	472500.000	27.780	14.588	62.577
39773.945	49647.125	32.477	33.760	25.142
1.024				
3/20/2016 11:30:00 PM	473400.000	27.767	14.568	62.548
39762.758	49657.246	32.483	33.767	25.149
1.024				
3/20/2016 11:45:00 PM	474300.000	27.764	14.568	62.542
39765.270	49660.273	32.485	33.769	25.148
1.024				
3/21/2016 12:00:00 AM	475200.000	27.780	14.553	62.577
39770.375	49684.254	32.501	33.785	25.144
1.024				
3/21/2016 12:15:00 AM	476100.000	27.769	14.534	62.552
39794.332	49736.875	32.538	33.821	25.129
1.024				
3/21/2016 12:30:00 AM	477000.000	27.766	14.540	62.545
39768.816	49697.707	32.510	33.794	25.145
1.024				
3/21/2016 12:45:00 AM	477900.000	27.769	14.531	62.552
39752.641	49687.707	32.502	33.788	25.156
1.024				
3/21/2016 1:00:00 AM	478800.000	27.767	14.516	62.549
39742.184	49692.477	32.504	33.791	25.162
1.024				
3/21/2016 1:15:00 AM	479700.000	27.762	14.504	62.538
39718.605	49677.973	32.493	33.781	25.177
1.024				
3/21/2016 1:30:00 AM	480600.000	27.759	14.510	62.530
39687.047	49630.719	32.459	33.749	25.197
1.024				
3/21/2016 1:45:00 AM	481500.000	27.748	14.485	62.506
39651.918	49616.914	32.447	33.740	25.219
1.024				
3/21/2016 2:00:00 AM	482400.000	27.740	14.492	62.487
39705.918	49676.148	32.491	33.780	25.185
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3/21/2016 2:15:00 AM	483300.000	27.740	14.494	62.488
39695.691	49660.711	32.479	33.769	25.192
1.024				
3/21/2016 2:30:00 AM	484200.000	27.740	14.494	62.488
39661.867	49619.039	32.449	33.741	25.213
1.024				
3/21/2016 2:45:00 AM	485100.000	27.719	14.487	62.439
39630.434	49587.820	32.426	33.720	25.233
1.024				

3/21/2016 3:00:00 AM 39608.238 1.024	486000.000 49553.941	27.722 32.401	14.492 33.697	62.447 25.247
3/21/2016 3:15:00 AM 39600.324 1.024	486900.000 49548.684	27.706 32.397	14.488 33.693	62.411 25.252
3/21/2016 3:30:00 AM 39589.527 1.024	487800.000 49528.961	27.687 32.383	14.493 33.680	62.368 25.259
3/21/2016 3:45:00 AM 39578.363 1.024	488700.000 49513.832	27.691 32.372	14.494 33.669	62.377 25.266
3/21/2016 4:00:00 AM 39597.211 1.024	489600.000 49535.098	27.690 32.388	14.496 33.684	62.375 25.254
3/21/2016 4:15:00 AM 39560.477 1.024	490500.000 49485.969	27.668 32.352	14.499 33.650	62.326 25.278
3/21/2016 4:30:00 AM 39556.184 1.024	491400.000 49481.039	27.669 32.349	14.498 33.647	62.328 25.280
3/21/2016 4:45:00 AM 39567.988 1.024	492300.000 49488.016	27.664 32.354	14.505 33.652	62.317 25.273
3/21/2016 5:00:00 AM 39573.535 1.024	493200.000 49486.750	27.656 32.354	14.512 33.651	62.298 25.269
3/21/2016 5:15:00 AM 39569.758 1.024	494100.000 49488.230	27.653 32.355	14.507 33.652	62.292 25.272
3/21/2016 5:30:00 AM 39577.750 1.024	495000.000 49485.512	27.661 32.354	14.518 33.650	62.309 25.267
3/21/2016 5:45:00 AM 39578.047 1.024	495900.000 49478.203	27.666 32.349	14.524 33.645	62.320 25.267
3/21/2016 6:00:00 AM 39549.609 1.024	496800.000 49451.266	27.666 32.329	14.517 33.627	62.320 25.285
3/21/2016 6:15:00 AM 39542.492 1.024	497700.000 49439.531	27.659 32.320	14.519 33.619	62.304 25.289
3/21/2016 6:30:00 AM 39582.793 1.024	498600.000 49479.105	27.669 32.350	14.528 33.646	62.326 25.264
3/21/2016 6:45:00 AM 39598.918 1.024	499500.000 49483.180	27.671 32.354	14.542 33.649	62.333 25.253
3/21/2016 7:00:00 AM 39574.000 1.024	500400.000 49451.207	27.687 32.331	14.543 33.627	62.368 25.269
3/21/2016 7:15:00 AM 39615.785 1.024	501300.000 49487.465	27.702 32.358	14.556 33.651	62.401 25.242
3/21/2016 7:30:00 AM	502200.000	27.716	14.539	62.432

39584.715	49468.480	32.343	33.639	25.262
1.024				
3/21/2016 7:45:00 AM	503100.000	27.716	14.561	62.432
39677.566	49558.840	32.411	33.700	25.203
1.024				
3/21/2016 8:00:00 AM	504000.000	27.735	14.547	62.476
39658.078	49551.219	32.404	33.695	25.216
1.024				
3/21/2016 8:15:00 AM	504900.000	27.774	14.564	62.564
39684.102	49563.645	32.414	33.703	25.199
1.024				
3/21/2016 8:30:00 AM	505800.000	27.772	14.550	62.559
39713.098	49616.168	32.452	33.739	25.181
1.024				
3/21/2016 8:45:00 AM	506700.000	27.792	14.556	62.604
39713.590	49609.207	32.447	33.734	25.180
1.024				
3/21/2016 9:00:00 AM	507600.000	27.819	14.533	62.665
39734.547	49663.734	32.485	33.771	25.167
1.024				
3/21/2016 9:15:00 AM	508500.000	27.824	14.511	62.677
39748.727	49707.098	32.515	33.801	25.158
1.024				
3/21/2016 9:30:00 AM	509400.000	27.847	14.510	62.727
39748.313	49708.164	32.515	33.802	25.158
1.024				
3/21/2016 9:45:00 AM	510300.000	27.852	14.496	62.739
39781.379	49765.695	32.556	33.841	25.137
1.024				
3/21/2016 10:00:00 AM	511200.000	27.868	14.492	62.775
39838.695	49842.379	32.612	33.893	25.101
1.024				
3/21/2016 10:15:00 AM	512100.000	27.866	14.499	62.770
39825.836	49817.715	32.594	33.876	25.109
1.024				
3/21/2016 10:30:00 AM	513000.000	27.880	14.481	62.803
39869.359	49893.676	32.648	33.928	25.082
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3/21/2016 10:45:00 AM	513900.000	27.902	14.483	62.853
39899.176	49928.441	32.674	33.951	25.063
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3/21/2016 11:00:00 AM	514800.000	27.917	14.482	62.885
39917.516	49953.188	32.692	33.968	25.052
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3/21/2016 11:15:00 AM	515700.000	27.916	14.510	62.883
39962.215	49975.137	32.710	33.983	25.024
1.024				
3/21/2016 11:30:00 AM	516600.000	27.913	14.475	62.877
39944.348	49995.176	32.722	33.997	25.035
1.024				
3/21/2016 11:45:00 AM	517500.000	27.919	14.479	62.891
39943.512	49988.695	32.717	33.992	25.035
1.024				
3/21/2016 12:00:00 PM	518400.000	27.925	14.453	62.904
39955.555	50034.520	32.749	34.023	25.028

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3/21/2016 12:15:00 PM	519300.000	27.913	14.437	62.876
39950.535	50047.301	32.757	34.032	25.031
1.024				
3/21/2016 12:30:00 PM	520200.000	27.942	14.434	62.942
39924.422	50019.063	32.736	34.013	25.047
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3/21/2016 12:45:00 PM	521100.000	27.899	14.407	62.846
39843.629	49950.281	32.683	33.966	25.098
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3/21/2016 1:00:00 PM	522000.000	27.906	14.410	62.862
39893.137	50008.719	32.726	34.006	25.067
1.024				
3/21/2016 1:15:00 PM	522900.000	27.908	14.405	62.866
39870.254	49985.785	32.709	33.990	25.081
1.024				
3/21/2016 1:30:00 PM	523800.000	27.894	14.402	62.834
39809.773	49913.582	32.656	33.941	25.119
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3/21/2016 1:45:00 PM	524700.000	27.878	14.375	62.798
39803.520	49937.246	32.671	33.957	25.123
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3/21/2016 2:00:00 PM	525600.000	27.884	14.373	62.811
39787.223	49920.102	32.659	33.946	25.134
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3/21/2016 2:15:00 PM	526500.000	27.865	14.382	62.768
39707.699	49809.598	32.579	33.871	25.184
1.024				
3/21/2016 2:30:00 PM	527400.000	27.852	14.395	62.739
39727.090	49818.512	32.586	33.877	25.172
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3/21/2016 2:45:00 PM	528300.000	27.840	14.391	62.712
39696.148	49783.852	32.561	33.853	25.191
1.024				
3/21/2016 3:00:00 PM	529200.000	27.828	14.392	62.685
39696.512	49783.031	32.560	33.852	25.191
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3/21/2016 3:15:00 PM	530100.000	27.814	14.390	62.653
39667.543	49749.137	32.535	33.829	25.210
1.024				
3/21/2016 3:30:00 PM	531000.000	27.818	14.407	62.663
39637.586	49691.652	32.495	33.790	25.229
1.024				
3/21/2016 3:45:00 PM	531900.000	27.785	14.401	62.589
39618.883	49674.656	32.482	33.779	25.240
1.024				
3/21/2016 4:00:00 PM	532800.000	27.772	14.399	62.560
39596.914	49650.180	32.464	33.762	25.254
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3/21/2016 4:15:00 PM	533700.000	27.780	14.414	62.577
39571.426	49600.578	32.429	33.728	25.271
1.024				
3/21/2016 4:30:00 PM	534600.000	27.782	14.425	62.581
39573.398	49590.160	32.422	33.721	25.270
1.024				

3/21/2016 4:45:00 PM 39574.898 1.024	535500.000 49592.141	27.767 32.424	14.424 33.723	62.548 25.269
3/21/2016 5:00:00 PM 39570.152 1.024	536400.000 49581.875	27.762 32.417	14.428 33.716	62.537 25.272
3/21/2016 5:15:00 PM 39546.191 1.024	537300.000 49547.207	27.741 32.392	14.432 33.692	62.490 25.287
3/21/2016 5:30:00 PM 39533.051 1.024	538200.000 49534.641	27.735 32.382	14.429 33.684	62.475 25.295
3/21/2016 5:45:00 PM 39514.582 1.024	539100.000 49505.594	27.750 32.361	14.434 33.664	62.509 25.307
3/21/2016 6:00:00 PM 39492.152 1.024	540000.000 49478.238	27.719 32.341	14.433 33.645	62.439 25.321
3/21/2016 6:15:00 PM 39528.117 1.024	540900.000 49504.211	27.713 32.362	14.449 33.663	62.426 25.298
3/21/2016 6:30:00 PM 39539.484 1.024	541800.000 49524.563	27.728 32.376	14.444 33.677	62.460 25.291
3/21/2016 6:45:00 PM 39520.629 1.024	542700.000 49496.203	27.743 32.356	14.448 33.657	62.494 25.303
3/21/2016 7:00:00 PM 39563.922 1.024	543600.000 49545.461	27.720 32.392	14.452 33.691	62.443 25.276
3/21/2016 7:15:00 PM 39556.250 1.024	544500.000 49540.922	27.744 32.388	14.448 33.688	62.497 25.280
3/21/2016 7:30:00 PM 39553.742 1.024	545400.000 49514.180	27.767 32.370	14.468 33.670	62.549 25.282
3/21/2016 7:45:00 PM 39572.941 1.024	546300.000 49537.797	27.750 32.388	14.468 33.686	62.509 25.270
3/21/2016 8:00:00 PM 39569.625 1.024	547200.000 49541.020	27.781 32.390	14.462 33.688	62.580 25.272
3/21/2016 8:15:00 PM 39583.910 1.024	548100.000 49549.305	27.762 32.396	14.470 33.694	62.537 25.263
3/21/2016 8:30:00 PM 39640.125 1.024	549000.000 49600.055	27.800 32.435	14.487 33.728	62.623 25.227
3/21/2016 8:45:00 PM 39586.578 1.024	549900.000 49552.219	27.799 32.398	14.470 33.696	62.621 25.261
3/21/2016 9:00:00 PM 39653.660 1.024	550800.000 49612.570	27.804 32.444	14.490 33.737	62.630 25.218
3/21/2016 9:15:00 PM	551700.000	27.838	14.492	62.707

39652.996	49609.613	32.442	33.735	25.219
1.024				
3/21/2016 9:30:00 PM	552600.000	27.841	14.506	62.714
39687.484	49636.520	32.463	33.753	25.197
1.024				
3/21/2016 9:45:00 PM	553500.000	27.859	14.516	62.756
39724.715	49670.844	32.489	33.776	25.173
1.024				
3/21/2016 10:00:00 PM	554400.000	27.874	14.516	62.789
39718.914	49664.223	32.484	33.772	25.177
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3/21/2016 10:15:00 PM	555300.000	27.876	14.499	62.793
39743.430	49715.160	32.519	33.806	25.161
1.024				
3/21/2016 10:30:00 PM	556200.000	27.878	14.484	62.798
39793.879	49795.500	32.577	33.861	25.129
1.024				
3/21/2016 10:45:00 PM	557100.000	27.916	14.485	62.883
39802.855	49805.484	32.584	33.868	25.124
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3/21/2016 11:00:00 PM	558000.000	27.925	14.488	62.904
39812.520	49814.488	32.591	33.874	25.118
1.024				
3/21/2016 11:15:00 PM	558900.000	27.928	14.487	62.911
39853.531	49866.445	32.629	33.909	25.092
1.024				
3/21/2016 11:30:00 PM	559800.000	27.945	14.466	62.948
39831.848	49865.074	32.626	33.908	25.106
1.024				
3/21/2016 11:45:00 PM	560700.000	27.955	14.469	62.970
39879.672	49920.598	32.667	33.946	25.075
1.024				
3/22/2016 12:00:00 AM	561600.000	27.947	14.459	62.953
39886.414	49941.566	32.681	33.960	25.071
1.024				
3/22/2016 12:15:00 AM	562500.000	27.946	14.437	62.951
39859.137	49933.652	32.674	33.955	25.088
1.024				
3/22/2016 12:30:00 AM	563400.000	27.967	14.420	62.998
39837.965	49926.797	32.667	33.950	25.102
1.024				
3/22/2016 12:45:00 AM	564300.000	27.938	14.400	62.933
39811.457	49918.363	32.659	33.944	25.118
1.024				
3/22/2016 1:00:00 AM	565200.000	27.967	14.391	62.998
39831.113	49953.535	32.684	33.968	25.106
1.024				
3/22/2016 1:15:00 AM	566100.000	27.953	14.392	62.968
39840.352	49963.211	32.692	33.975	25.100
1.024				
3/22/2016 1:30:00 AM	567000.000	27.951	14.375	62.963
39825.734	49965.336	32.692	33.976	25.109
1.024				
3/22/2016 1:45:00 AM	567900.000	27.938	14.373	62.933
39802.805	49939.855	32.673	33.959	25.124

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3/22/2016 2:00:00 AM	568800.000	27.952	14.364	62.964
39779.234	49920.082	32.658	33.946	25.139
1.024				
3/22/2016 2:15:00 AM	569700.000	27.928	14.368	62.911
39793.605	49934.070	32.668	33.955	25.130
1.024				
3/22/2016 2:30:00 AM	570600.000	27.935	14.352	62.927
39723.430	49864.414	32.616	33.908	25.174
1.024				
3/22/2016 2:45:00 AM	571500.000	27.912	14.359	62.874
39735.516	49871.281	32.622	33.912	25.166
1.024				
3/22/2016 3:00:00 AM	572400.000	27.897	14.359	62.841
39700.715	49827.504	32.590	33.883	25.188
1.024				
3/22/2016 3:15:00 AM	573300.000	27.891	14.359	62.828
39683.121	49805.844	32.574	33.868	25.200
1.024				
3/22/2016 3:30:00 AM	574200.000	27.884	14.361	62.811
39681.004	49800.953	32.571	33.865	25.201
1.024				
3/22/2016 3:45:00 AM	575100.000	27.875	14.362	62.791
39650.902	49762.012	32.542	33.838	25.220
1.024				
3/22/2016 4:00:00 AM	576000.000	27.873	14.361	62.787
39665.629	49781.340	32.556	33.851	25.211
1.024				
3/22/2016 4:15:00 AM	576900.000	27.875	14.360	62.792
39612.082	49715.406	32.508	33.806	25.245
1.024				
3/22/2016 4:30:00 AM	577800.000	27.861	14.371	62.760
39586.215	49669.590	32.476	33.775	25.261
1.024				
3/22/2016 4:45:00 AM	578700.000	27.853	14.381	62.741
39624.277	49706.324	32.503	33.800	25.237
1.024				
3/22/2016 5:00:00 AM	579600.000	27.831	14.376	62.691
39619.188	49705.027	32.502	33.799	25.240
1.024				
3/22/2016 5:15:00 AM	580500.000	27.878	14.381	62.799
39559.895	49624.605	32.444	33.745	25.278
1.024				
3/22/2016 5:30:00 AM	581400.000	27.846	14.385	62.725
39592.773	49661.074	32.471	33.770	25.257
1.024				
3/22/2016 5:45:00 AM	582300.000	27.844	14.393	62.721
39568.461	49621.496	32.443	33.743	25.273
1.024				
3/22/2016 6:00:00 AM	583200.000	27.829	14.398	62.687
39568.313	49615.066	32.438	33.738	25.273
1.024				
3/22/2016 6:15:00 AM	584100.000	27.814	14.398	62.654
39559.805	49605.137	32.431	33.731	25.278
1.024				



3/22/2016 6:30:00 AM 39568.516 1.024	585000.000 49606.023	27.828 32.432	14.406 33.732	62.686 25.273
3/22/2016 6:45:00 AM 39546.941 1.024	585900.000 49590.066	27.813 32.420	14.397 33.721	62.650 25.286
3/22/2016 7:00:00 AM 39583.742 1.024	586800.000 49631.023	27.826 32.450	14.401 33.749	62.680 25.263
3/22/2016 7:15:00 AM 39583.309 1.024	587700.000 49630.273	27.820 32.450	14.401 33.749	62.668 25.263
3/22/2016 7:30:00 AM 39606.086 1.024	588600.000 49646.559	27.829 32.462	14.412 33.760	62.688 25.249
3/22/2016 7:45:00 AM 39616.965 1.024	589500.000 49640.945	27.850 32.460	14.428 33.756	62.735 25.242
3/22/2016 8:00:00 AM 39600.910 1.024	590400.000 49635.629	27.864 32.455	14.415 33.752	62.767 25.252
3/22/2016 8:15:00 AM 39592.938 1.024	591300.000 49612.523	27.853 32.439	14.426 33.737	62.741 25.257
3/22/2016 8:30:00 AM 39640.328 1.024	592200.000 49654.262	27.875 32.470	14.441 33.765	62.791 25.227
3/22/2016 8:45:00 AM 39633.219 1.024	593100.000 49644.180	27.879 32.463	14.442 33.758	62.800 25.231
3/22/2016 9:00:00 AM 39656.660 1.024	594000.000 49664.043	27.901 32.478	14.450 33.772	62.850 25.216
3/22/2016 9:15:00 AM 39681.656 1.024	594900.000 49687.406	27.922 32.496	14.457 33.787	62.898 25.201
3/22/2016 9:30:00 AM 39728.133 1.024	595800.000 49753.441	27.931 32.543	14.450 33.832	62.917 25.171
3/22/2016 9:45:00 AM 39744.566 1.024	596700.000 49777.938	27.949 32.561	14.447 33.849	62.958 25.161
3/22/2016 10:00:00 AM 39741.313 1.024	597600.000 49786.902	27.941 32.567	14.436 33.855	62.939 25.163
3/22/2016 10:15:00 AM 39754.613 1.024	598500.000 49790.629	27.971 32.570	14.447 33.858	63.008 25.154
3/22/2016 10:30:00 AM 39770.934 1.024	599400.000 49836.430	27.968 32.602	14.426 33.889	63.000 25.144
3/22/2016 10:45:00 AM 39855.055 1.024	600300.000 49920.672	27.995 32.665	14.443 33.946	63.062 25.091
3/22/2016 11:00:00 AM	601200.000	28.014	14.420	63.105

39849.473	49941.438	32.678	33.960	25.094
1.024				
3/22/2016 11:15:00 AM	602100.000	28.024	14.419	63.126
39866.773	49963.961	32.694	33.975	25.084
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3/22/2016 11:30:00 AM	603000.000	28.007	14.418	63.089
39905.000	50013.785	32.731	34.009	25.060
1.024				
3/22/2016 11:45:00 AM	603900.000	28.020	14.389	63.118
39860.508	49992.637	32.713	33.995	25.087
1.024				
3/22/2016 12:00:00 PM	604800.000	28.005	14.391	63.083
39839.129	49963.805	32.692	33.975	25.101
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39843.906	50001.148	32.717	34.001	25.098
1.024				
3/22/2016 12:30:00 PM	606600.000	28.008	14.372	63.090
39847.797	49997.273	32.715	33.998	25.095
1.024				
3/22/2016 12:45:00 PM	607500.000	28.031	14.355	63.142
39810.555	49970.801	32.694	33.980	25.119
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3/22/2016 1:00:00 PM	608400.000	28.039	14.350	63.160
39846.020	50021.289	32.730	34.014	25.097
1.024				
3/22/2016 1:15:00 PM	609300.000	27.981	14.324	63.030
39793.555	49986.805	32.703	33.991	25.130
1.024				
3/22/2016 1:30:00 PM	610200.000	27.976	14.327	63.018
39759.660	49940.066	32.669	33.959	25.151
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3/22/2016 1:45:00 PM	611100.000	27.971	14.348	63.008
39821.008	49991.711	32.709	33.994	25.112
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3/22/2016 2:00:00 PM	612000.000	28.008	14.336	63.090
39741.492	49906.258	32.645	33.936	25.163
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3/22/2016 2:15:00 PM	612900.000	27.956	14.317	62.973
39736.109	49922.539	32.656	33.947	25.166
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3/22/2016 2:30:00 PM	613800.000	27.974	14.324	63.013
39693.391	49860.879	32.611	33.905	25.193
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3/22/2016 2:45:00 PM	614700.000	27.941	14.322	62.939
39672.195	49835.844	32.593	33.888	25.207
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3/22/2016 3:00:00 PM	615600.000	27.923	14.337	62.899
39674.113	49820.699	32.583	33.878	25.205
1.024				
3/22/2016 3:15:00 PM	616500.000	27.943	14.327	62.944
39629.078	49776.469	32.550	33.848	25.234
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3/22/2016 3:30:00 PM	617400.000	27.902	14.330	62.852
39632.039	49775.820	32.550	33.848	25.232

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3/22/2016 3:45:00 PM	618300.000	27.880	14.338	62.802
39635.680	49771.793	32.547	33.845	25.230
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3/22/2016 4:00:00 PM	619200.000	27.902	14.356	62.851
39601.805	49707.500	32.502	33.801	25.251
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3/22/2016 4:15:00 PM	620100.000	27.837	14.353	62.705
39561.664	49660.609	32.468	33.769	25.277
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39555.297	49647.965	32.459	33.761	25.281
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39555.586	49641.863	32.455	33.756	25.281
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3/22/2016 5:00:00 PM	622800.000	27.825	14.361	62.680
39543.977	49628.980	32.445	33.748	25.288
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3/22/2016 5:15:00 PM	623700.000	27.833	14.367	62.696
39511.840	49581.773	32.411	33.716	25.309
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3/22/2016 5:30:00 PM	624600.000	27.814	14.372	62.654
39522.918	49589.844	32.418	33.721	25.302
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3/22/2016 5:45:00 PM	625500.000	27.801	14.377	62.624
39546.227	49612.004	32.434	33.736	25.287
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3/22/2016 6:00:00 PM	626400.000	27.802	14.317	62.628
39545.715	49683.129	32.481	33.785	25.287
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39436.938	49701.879	32.484	33.797	25.357
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3/22/2016 6:30:00 PM	628200.000	27.802	14.183	62.627
39428.809	49696.746	32.480	33.794	25.362
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3/22/2016 6:45:00 PM	629100.000	27.795	14.182	62.612
39415.891	49681.102	32.468	33.783	25.370
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3/22/2016 7:00:00 PM	630000.000	27.790	14.183	62.600
39458.184	49733.879	32.507	33.819	25.343
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3/22/2016 7:15:00 PM	630900.000	27.790	14.185	62.599
39406.008	49665.352	32.457	33.772	25.377
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3/22/2016 7:30:00 PM	631800.000	27.789	14.184	62.598
39424.266	49688.793	32.474	33.788	25.365
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3/22/2016 7:45:00 PM	632700.000	27.795	14.186	62.610
39436.309	49702.047	32.484	33.797	25.357
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3/22/2016 8:00:00 PM	633600.000	27.803	14.187	62.630
39405.492	49662.566	32.455	33.771	25.377
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39434.809	49699.406	32.482	33.796	25.358
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39433.250	49698.191	32.481	33.795	25.359
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39485.770	49763.961	32.529	33.839	25.326
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3/22/2016 9:00:00 PM	637200.000	27.822	14.185	62.671
39508.574	49793.871	32.551	33.860	25.311
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3/22/2016 9:15:00 PM	638100.000	27.820	14.185	62.667
39413.000	49674.383	32.464	33.779	25.372
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39503.785	49791.027	32.548	33.858	25.314
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3/22/2016 9:45:00 PM	639900.000	27.859	14.180	62.755
39453.098	49730.355	32.504	33.817	25.347
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3/22/2016 10:00:00 PM	640800.000	27.872	14.177	62.783
39435.289	49711.215	32.490	33.804	25.358
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3/22/2016 10:15:00 PM	641700.000	27.886	14.174	62.815
39488.309	49781.570	32.541	33.851	25.324
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3/22/2016 10:30:00 PM	642600.000	27.879	14.171	62.801
39520.383	49826.508	32.573	33.882	25.303
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39522.199	49833.063	32.578	33.886	25.302
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3/22/2016 11:00:00 PM	644400.000	27.922	14.162	62.896
39514.660	49829.977	32.575	33.884	25.307
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3/22/2016 11:15:00 PM	645300.000	27.921	14.157	62.895
39500.109	49816.977	32.565	33.876	25.316
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3/22/2016 11:30:00 PM	646200.000	27.921	14.153	62.894
39625.547	49980.223	32.684	33.987	25.236
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3/22/2016 11:45:00 PM	647100.000	27.935	14.149	62.927
39644.258	50008.871	32.704	34.006	25.224
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3/23/2016 12:00:00 AM	648000.000	27.957	14.144	62.976
39659.605	50033.594	32.722	34.023	25.215
1.024				
3/23/2016 12:15:00 AM	648900.000	27.945	14.139	62.948
39617.328	49986.379	32.687	33.991	25.241
1.024				
3/23/2016 12:30:00 AM	649800.000	27.949	14.137	62.959
39674.813	50061.715	32.742	34.042	25.205
1.024				
3/23/2016 12:45:00 AM	650700.000	27.952	14.134	62.964

39613.336	49987.793	32.688	33.992	25.244
1.024				
3/23/2016 1:00:00 AM	651600.000	27.956	14.130	62.974
39669.242	50062.742	32.742	34.043	25.208
1.024				
3/23/2016 1:15:00 AM	652500.000	27.959	14.128	62.980
39636.563	50024.195	32.714	34.016	25.229
1.024				
3/23/2016 1:30:00 AM	653400.000	27.945	14.128	62.948
39633.902	50021.051	32.711	34.014	25.231
1.024				
3/23/2016 1:45:00 AM	654300.000	27.928	14.127	62.910
39549.598	49915.512	32.634	33.943	25.285
1.024				
3/23/2016 2:00:00 AM	655200.000	27.929	14.127	62.913
39649.359	50042.184	32.727	34.029	25.221
1.024				
3/23/2016 2:15:00 AM	656100.000	27.924	14.128	62.903
39582.875	49956.758	32.665	33.971	25.263
1.024				
3/23/2016 2:30:00 AM	657000.000	27.926	14.130	62.906
39600.688	49976.547	32.679	33.984	25.252
1.024				
3/23/2016 2:45:00 AM	657900.000	27.917	14.131	62.885
39503.582	49852.715	32.589	33.900	25.314
1.024				
3/23/2016 3:00:00 AM	658800.000	27.894	14.134	62.834
39554.754	49914.512	32.634	33.942	25.281
1.024				
3/23/2016 3:15:00 AM	659700.000	27.886	14.138	62.816
39519.574	49864.973	32.598	33.908	25.304
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3/23/2016 3:30:00 AM	660600.000	27.874	14.143	62.789
39486.523	49817.281	32.564	33.876	25.325
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3/23/2016 3:45:00 AM	661500.000	27.864	14.147	62.767
39484.891	49810.086	32.559	33.871	25.326
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3/23/2016 4:00:00 AM	662400.000	27.847	14.152	62.728
39477.570	49794.973	32.549	33.861	25.331
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3/23/2016 4:15:00 AM	663300.000	27.832	14.157	62.695
39474.848	49785.434	32.542	33.854	25.333
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3/23/2016 4:30:00 AM	664200.000	27.820	14.161	62.667
39457.781	49758.789	32.523	33.836	25.344
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3/23/2016 4:45:00 AM	665100.000	27.805	14.166	62.633
39444.148	49735.504	32.507	33.820	25.352
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3/23/2016 5:00:00 AM	666000.000	27.794	14.171	62.608
39411.879	49689.711	32.474	33.789	25.373
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3/23/2016 5:15:00 AM	666900.000	27.775	14.175	62.566
39427.598	49704.395	32.485	33.799	25.363

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3/23/2016 5:30:00 AM	667800.000	27.765	14.179	62.544
39439.598	49715.258	32.493	33.806	25.355
1.024				
3/23/2016 5:45:00 AM	668700.000	27.772	14.183	62.558
39416.469	49681.301	32.468	33.783	25.370
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3/23/2016 6:00:00 AM	669600.000	27.756	14.184	62.523
39388.535	49644.598	32.442	33.758	25.388
1.024				
3/23/2016 6:15:00 AM	670500.000	27.746	14.187	62.501
39413.086	49671.391	32.462	33.777	25.372
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3/23/2016 6:30:00 AM	671400.000	27.731	14.324	62.467
39422.527	49519.891	32.363	33.674	25.366
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3/23/2016 6:45:00 AM	672300.000	27.737	14.239	62.481
39394.332	49586.070	32.404	33.719	25.384
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3/23/2016 7:00:00 AM	673200.000	27.733	14.386	62.471
39475.992	49513.449	32.363	33.669	25.332
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3/23/2016 7:15:00 AM	674100.000	27.746	14.403	62.500
39453.027	49464.816	32.329	33.636	25.347
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3/23/2016 7:30:00 AM	675000.000	27.746	14.412	62.501
39448.105	49448.430	32.318	33.625	25.350
1.024				
3/23/2016 7:45:00 AM	675900.000	27.757	14.408	62.526
39446.492	49450.727	32.319	33.626	25.351
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3/23/2016 8:00:00 AM	676800.000	27.747	14.417	62.502
39467.844	49466.527	32.332	33.637	25.337
1.024				
3/23/2016 8:15:00 AM	677700.000	27.760	14.420	62.531
39465.074	49459.789	32.327	33.633	25.339
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3/23/2016 8:30:00 AM	678600.000	27.763	14.419	62.539
39446.477	49437.105	32.310	33.617	25.351
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39493.574	49474.645	32.339	33.643	25.321
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3/23/2016 9:00:00 AM	680400.000	27.763	14.433	62.540
39456.875	49434.148	32.309	33.615	25.344
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39497.270	49468.422	32.335	33.639	25.318
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3/23/2016 9:30:00 AM	682200.000	27.776	14.447	62.568
39538.145	49519.820	32.373	33.673	25.292
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3/23/2016 9:45:00 AM	683100.000	27.790	14.443	62.599
39499.617	49476.418	32.341	33.644	25.317
1.024				

3/23/2016 10:00:00 AM 39502.352 1.024	684000.000 49467.301	27.794 32.335	14.453 33.638	62.610 25.315
3/23/2016 10:15:00 AM 39569.387 1.024	684900.000 49532.289	27.805 32.384	14.469 33.682	62.633 25.272
3/23/2016 10:30:00 AM 39611.418 1.024	685800.000 49575.410	27.811 32.416	14.477 33.711	62.647 25.245
3/23/2016 10:45:00 AM 39600.695 1.024	686700.000 49562.098	27.827 32.406	14.477 33.702	62.683 25.252
3/23/2016 11:00:00 AM 39605.793 1.024	687600.000 49583.871	27.817 32.421	14.464 33.717	62.660 25.249
3/23/2016 11:15:00 AM 39593.453 1.024	688500.000 49576.125	27.841 32.415	14.458 33.712	62.714 25.257
3/23/2016 11:30:00 AM 39630.719 1.024	689400.000 49616.875	27.838 32.445	14.463 33.739	62.707 25.233
3/23/2016 11:45:00 AM 39663.422 1.024	690300.000 49648.516	27.846 32.469	14.470 33.761	62.726 25.212
3/23/2016 12:00:00 PM 39691.305 1.024	691200.000 49681.625	27.863 32.493	14.472 33.784	62.764 25.194
3/23/2016 12:15:00 PM 39682.273 1.024	692100.000 49680.895	27.847 32.492	14.463 33.783	62.728 25.200
3/23/2016 12:30:00 PM 39649.941 1.024	693000.000 49684.914	27.853 32.491	14.426 33.786	62.741 25.221
3/23/2016 12:45:00 PM 39650.688 1.024	693900.000 49675.809	27.863 32.485	14.434 33.780	62.764 25.220
3/23/2016 1:00:00 PM 39700.043 1.024	694800.000 49735.090	27.842 32.529	14.436 33.820	62.718 25.189
3/23/2016 1:15:00 PM 39700.219 1.024	695700.000 49741.875	27.856 32.533	14.431 33.824	62.748 25.189
3/23/2016 1:30:00 PM 39658.539 1.024	696600.000 49717.395	27.850 32.514	14.407 33.808	62.735 25.215
3/23/2016 1:45:00 PM 39655.859 1.024	697500.000 49704.828	27.838 32.505	14.415 33.799	62.708 25.217
3/23/2016 2:00:00 PM 39621.031 1.024	698400.000 49682.227	27.835 32.487	14.397 33.784	62.700 25.239
3/23/2016 2:15:00 PM 39642.488 1.024	699300.000 49704.367	27.834 32.504	14.401 33.799	62.700 25.225
3/23/2016 2:30:00 PM	700200.000	27.813	14.391	62.652

39572.082	49628.355	32.447	33.747	25.270
1.024				
3/23/2016 2:45:00 PM	701100.000	27.815	14.403	62.656
39578.363	49621.523	32.443	33.743	25.266
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3/23/2016 3:00:00 PM	702000.000	27.794	14.394	62.608
39600.758	49660.617	32.471	33.769	25.252
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3/23/2016 3:15:00 PM	702900.000	27.774	14.403	62.564
39579.008	49622.672	32.444	33.743	25.266
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3/23/2016 3:30:00 PM	703800.000	27.768	14.398	62.550
39512.980	49546.105	32.388	33.691	25.308
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3/23/2016 3:45:00 PM	704700.000	27.750	14.395	62.510
39521.180	49559.664	32.398	33.701	25.303
1.024				
3/23/2016 4:00:00 PM	705600.000	27.725	14.402	62.452
39520.129	49549.570	32.391	33.694	25.304
1.024				
3/23/2016 4:15:00 PM	706500.000	27.700	14.413	62.396
39491.141	49501.215	32.356	33.661	25.322
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39451.977	49452.125	32.321	33.627	25.347
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3/23/2016 4:45:00 PM	708300.000	27.700	14.410	62.397
39438.980	49438.453	32.311	33.618	25.356
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3/23/2016 5:00:00 PM	709200.000	27.689	14.417	62.373
39448.430	49442.613	32.314	33.621	25.350
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3/23/2016 5:15:00 PM	710100.000	27.673	14.418	62.336
39473.160	49471.809	32.336	33.641	25.334
1.024				
3/23/2016 5:30:00 PM	711000.000	27.659	14.419	62.304
39419.719	49403.789	32.286	33.595	25.368
1.024				
3/23/2016 5:45:00 PM	711900.000	27.660	14.431	62.306
39400.406	49365.281	32.259	33.568	25.380
1.024				
3/23/2016 6:00:00 PM	712800.000	27.647	14.426	62.278
39441.664	49423.719	32.301	33.608	25.354
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3/23/2016 6:15:00 PM	713700.000	27.643	14.434	62.268
39382.863	49340.270	32.241	33.551	25.392
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3/23/2016 6:30:00 PM	714600.000	27.643	14.440	62.269
39406.465	49362.988	32.258	33.567	25.377
1.024				
3/23/2016 6:45:00 PM	715500.000	27.649	14.442	62.283
39401.656	49354.125	32.252	33.561	25.380
1.024				
3/23/2016 7:00:00 PM	716400.000	27.643	14.441	62.269
39404.496	49359.063	32.255	33.564	25.378



1.024				
3/23/2016 7:15:00 PM	717300.000	27.636	14.448	62.254
39403.438	49350.059	32.249	33.558	25.378
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3/23/2016 7:30:00 PM	718200.000	27.639	14.448	62.259
39414.129	49363.250	32.259	33.567	25.372
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3/23/2016 7:45:00 PM	719100.000	27.635	14.454	62.251
39386.961	49321.449	32.229	33.539	25.389
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3/23/2016 8:00:00 PM	720000.000	27.639	14.465	62.258
39344.426	49256.133	32.182	33.494	25.417
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3/23/2016 8:15:00 PM	720900.000	27.646	14.458	62.275
39384.871	49314.738	32.224	33.534	25.390
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3/23/2016 8:30:00 PM	721800.000	27.649	14.473	62.283
39380.914	49291.430	32.209	33.518	25.393
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3/23/2016 8:45:00 PM	722700.000	27.655	14.476	62.297
39392.129	49302.109	32.217	33.525	25.386
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39380.422	49272.059	32.196	33.505	25.393
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3/23/2016 9:15:00 PM	724500.000	27.665	14.474	62.317
39401.992	49316.984	32.227	33.536	25.379
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3/23/2016 9:30:00 PM	725400.000	27.670	14.499	62.330
39397.133	49281.563	32.204	33.511	25.383
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3/23/2016 9:45:00 PM	726300.000	27.685	14.485	62.362
39368.371	49261.902	32.188	33.498	25.401
1.024				
3/23/2016 10:00:00 PM	727200.000	27.689	14.496	62.371
39446.680	49346.895	32.251	33.556	25.351
1.024				
3/23/2016 10:15:00 PM	728100.000	27.700	14.519	62.398
39419.422	49285.547	32.208	33.514	25.368
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3/23/2016 10:30:00 PM	729000.000	27.700	14.529	62.398
39450.809	49313.594	32.229	33.533	25.348
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3/23/2016 10:45:00 PM	729900.000	27.713	14.525	62.426
39482.410	49357.188	32.261	33.563	25.328
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39456.598	49336.227	32.245	33.549	25.344
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39511.207	49396.117	32.289	33.589	25.309
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3/23/2016 11:30:00 PM	732600.000	27.740	14.525	62.486
39550.902	49443.223	32.323	33.621	25.284
1.024				

3/23/2016 11:45:00 PM	733500.000	27.748	14.530	62.504
39563.184	49452.910	32.331	33.628	25.276
1.024				

Serial\_number:  
2003874

Project ID:  
MPWSP Monitoring Wells Barologge

Location:  
MW-5M Baro

LEVEL

UNIT: psi

TEMPERATURE

UNIT: °C

Date	Time	ms	LEVEL	TEMPERATURE
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3/23/2016	9:45:00	0	14.842	16.823
3/23/2016	10:00:00	0	14.8413	17.734
3/23/2016	10:15:00	0	14.8419	18.864
3/23/2016	10:30:00	0	14.8428	19.806
3/23/2016	10:45:00	0	14.8405	20.854
3/23/2016	11:00:00	0	14.8398	21.787
3/23/2016	11:15:00	0	14.8406	22.712
3/23/2016	11:30:00	0	14.8379	23.496
3/23/2016	11:45:00	0	14.8387	23.915
3/23/2016	12:00:00	0	14.8379	24.104
3/23/2016	12:15:00	0	14.8356	24.116
3/23/2016	12:30:00	0	14.8335	24.233
3/23/2016	12:45:00	0	14.8322	24.458
3/23/2016	13:00:00	0	14.8332	23.858
3/23/2016	13:15:00	0	14.8301	23.204
3/23/2016	13:30:00	0	14.8292	22.464
3/23/2016	13:45:00	0	14.8288	20.98
3/23/2016	14:00:00	0	14.8266	20.549
3/23/2016	14:15:00	0	14.8258	20.8
3/23/2016	14:30:00	0	14.8253	20.805
3/23/2016	14:45:00	0	14.8255	20.913
3/23/2016	15:00:00	0	14.8252	20.69
3/23/2016	15:15:00	0	14.8242	20.216
3/23/2016	15:30:00	0	14.8228	19.097
3/23/2016	15:45:00	0	14.8216	18.048
3/23/2016	16:00:00	0	14.8201	17.305
3/23/2016	16:15:00	0	14.8192	16.833
3/23/2016	16:30:00	0	14.8184	16.441
3/23/2016	16:45:00	0	14.8171	16.097
3/23/2016	17:00:00	0	14.8157	15.807
3/23/2016	17:15:00	0	14.8184	15.477
3/23/2016	17:30:00	0	14.82	15.176



3/23/2016	17:45:00	0	14.8176	14.87
3/23/2016	18:00:00	0	14.8183	14.55
3/23/2016	18:15:00	0	14.8186	14.179
3/23/2016	18:30:00	0	14.8169	13.803
3/23/2016	18:45:00	0	14.8148	13.41
3/23/2016	19:00:00	0	14.815	12.993
3/23/2016	19:15:00	0	14.8169	12.616
3/23/2016	19:30:00	0	14.8179	12.238
3/23/2016	19:45:00	0	14.8206	11.912
3/23/2016	20:00:00	0	14.8218	11.731
3/23/2016	20:15:00	0	14.8225	11.511
3/23/2016	20:30:00	0	14.8219	11.329
3/23/2016	20:45:00	0	14.8214	11.175
3/23/2016	21:00:00	0	14.8197	11.09
3/23/2016	21:15:00	0	14.8217	11.028
3/23/2016	21:30:00	0	14.8223	10.95
3/23/2016	21:45:00	0	14.8211	10.889
3/23/2016	22:00:00	0	14.8213	10.86
3/23/2016	22:15:00	0	14.8227	10.737
3/23/2016	22:30:00	0	14.821	10.64
3/23/2016	22:45:00	0	14.8217	10.505
3/23/2016	23:00:00	0	14.8236	10.441
3/23/2016	23:15:00	0	14.8238	10.206
3/23/2016	23:30:00	0	14.8228	9.92
3/23/2016	23:45:00	0	14.8266	9.633

Report Date: 3/24/2016 2:14:21 PM  
Report User Name: KMakar  
Report Computer Name: PROBOOK10  
Application: WinSitu.exe  
Application Version: 5.6.25.0

#### Log File Properties:

File Name: MPWSP BaroTroll Pre Test\_2016-03-24\_13-31-57-718.wsl  
Create Date: 3/24/2016 1:31:53 PM

#### 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(%): 12  
Used Battery(%): 0

#### Log Configuration

Log Name: MPWSP BaroTroll Pre Test  
Created By: nreynolds  
Computer Name: PROBOOK1  
Application: WinSitu.exe  
Application Version: 5.6.25.0  
Create Date: 3/14/2015 3:38:56 PM Pacific Daylight Time  
Log Setup Time Zone: Pacific Daylight Time  
Notes Size(bytes): 4096  
Overwrite when full: Enabled  
Scheduled Start Time: 3/14/2015 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

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3/14/2015 3:39:01 PM	Used Battery: 0% Used Memory: 25% User Name: nreynolds
3/15/2015 11:11:38 PM	Log Download - Used Battery: 0% Used Memory: 25% User Name: nreynolds

3/20/2015 2:19:00 PM	Log Download - Used Battery: 0% Used Memory: 25%	User Name: GSSI
3/27/2015 3:34:52 PM	Log Download - Used Battery: 0% Used Memory: 25%	User Name: GSSI
4/2/2015 5:30:59 PM	Log Download - Used Battery: 0% Used Memory: 25%	User Name: GSSI
4/3/2015 3:20:31 PM	Log Download - Used Battery: 1% Used Memory: 25%	User Name: ECrowWillard
4/6/2015 11:57:36 AM	Log Download - Used Battery: 1% Used Memory: 25%	User Name: AKhalighi
4/10/2015 11:59:01 AM	Log Download - Used Battery: 1% Used Memory: 25%	User Name: ECrowWillard
4/17/2015 5:14:03 PM	Log Download - Used Battery: 1% Used Memory: 25%	User Name: AKieta
4/24/2015 11:57:43 AM	Log Download - Used Battery: 1% Used Memory: 25%	User Name: JSobolew
4/25/2015 9:11:45 AM	Log Download - Used Battery: 1% Used Memory: 25%	User Name: ECrowWillard
4/30/2015 10:57:19 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: GSSI
5/1/2015 3:55:18 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: GSSI
5/7/2015 5:48:49 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: ECrowWillard
Interval - Start Time: 5/1/2015 3:45:00 PM		
5/14/2015 7:57:49 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: BDuarte
5/21/2015 5:33:26 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: CShaw
5/28/2015 7:09:07 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: ECrowWillard
Interval - Start Time: 5/7/2015 5:45:00 PM		
6/4/2015 2:11:13 PM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: BDuarte
6/5/2015 7:49:54 AM	Log Download - Used Battery: 1% Used Memory: 31%	User Name: BDuarte
6/8/2015 8:18:16 AM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: BDuarte Interval -
Start Time: 6/5/2015 7:45:00 AM		
6/11/2015 7:44:35 AM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: BDuarte Interval -
Start Time: 6/8/2015 8:15:00 AM		
6/11/2015 6:06:30 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: BDuarte Interval -
Start Time: 6/11/2015 7:30:00 AM		
6/17/2015 8:39:35 AM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: CShaw Interval -
Start Time: 5/21/2015 5:30:00 PM		
6/18/2015 6:32:24 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: CShaw
6/25/2015 9:54:31 AM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: BDuarte Interval -
Start Time: 6/11/2015 6:00:00 PM		
6/26/2015 1:33:47 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: Administrator
7/2/2015 6:13:23 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: CShaw
7/9/2015 6:23:20 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: BDuarte
7/10/2015 6:21:03 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: BDuarte Interval -
Start Time: 7/9/2015 6:15:00 PM		
7/16/2015 6:03:22 PM	Log Download - Used Battery: 2% Used Memory: 37%	User Name: CShaw
7/23/2015 5:28:45 PM	Log Download - Used Battery: 2% Used Memory: 43%	User Name: KMakar
7/30/2015 5:44:32 PM	Log Download - Used Battery: 2% Used Memory: 43%	User Name: BDuarte Interval -
Start Time: 7/10/2015 6:15:00 PM		
8/6/2015 6:43:35 PM	Log Download - Used Battery: 2% Used Memory: 43%	User Name: CShaw Interval -
Start Time: 7/10/2015 6:10:00 PM Stop Time: 8/6/2015 5:30:00 PM		
8/13/2015 2:25:16 PM	Log Download - Used Battery: 3% Used Memory: 43%	User Name: KMakar Interval -
Start Time: 7/23/2015 5:15:00 PM		
8/20/2015 6:24:08 PM	Log Download - Used Battery: 3% Used Memory: 43%	User Name: BDuarte Interval -
Start Time: 7/30/2015 5:30:00 PM		
8/27/2015 12:57:50 PM	Log Download - Used Battery: 3% Used Memory: 43%	User Name: KMakar Interval -
Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 12:55:00 PM		
8/27/2015 12:59:01 PM	Log Download - Used Battery: 3% Used Memory: 43%	User Name: KMakar Interval -
Start Time: 8/13/2015 5:15:00 PM Stop Time: 8/27/2015 12:55:00 PM		
9/3/2015 6:52:30 PM	Log Download - Used Battery: 3% Used Memory: 50%	User Name: CShaw Interval -
Start Time: 8/1/2015 5:30:00 PM Stop Time: 9/3/2015 7:40:00 PM		
9/10/2015 12:20:13 PM	Log Download - Used Battery: 3% Used Memory: 50%	User Name: KMakar Interval -
Start Time: 8/10/2015 8:30:00 AM Stop Time: 9/10/2015 12:18:00 PM		
9/17/2015 11:34:52 AM	Log Download - Used Battery: 3% Used Memory: 50%	User Name: KMakar Interval -

Start Time: 9/1/2015 5:30:00 AM Stop Time: 9/17/2015 11:30:00 AM  
9/24/2015 7:34:21 PM Log Download - Used Battery: 3% Used Memory: 50% User Name: CShaw Interval -  
Start Time: 9/1/2015 5:30:00 PM Stop Time: 9/24/2015 8:30:00 PM  
10/1/2015 3:08:53 PM Log Download - Used Battery: 3% Used Memory: 50% User Name: KMakar Interval -  
Start Time: 9/15/2015 7:30:00 AM Stop Time: 10/1/2015 3:05:00 PM  
10/8/2015 5:31:09 PM Log Download - Used Battery: 3% Used Memory: 50% User Name: CShaw Interval -  
Start Time: 10/1/2015 3:05:00 PM Stop Time: 10/8/2015 5:30:00 PM  
10/15/2015 2:08:51 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval -  
Start Time: 9/30/2015 7:05:00 AM Stop Time: 10/15/2015 2:05:00 PM  
10/22/2015 5:56:32 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: CShaw Interval -  
Start Time: 10/1/2015 3:05:00 PM Stop Time: 10/22/2015 6:00:00 PM  
10/27/2015 12:29:47 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: nreynolds Interval -  
Start Time: 10/15/2015 12:00:00 AM Stop Time: 10/27/2015 12:25:00 PM  
10/28/2015 10:39:27 AM Log Download - Used Battery: 4% Used Memory: 56% User Name: nreynolds Interval -  
Start Time: 10/27/2015 12:15:00 PM  
10/29/2015 4:11:07 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval -  
Start Time: 10/13/2015 6:15:00 AM Stop Time: 10/29/2015 4:05:00 PM  
11/5/2015 3:10:53 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval -  
Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/5/2015 3:05:00 PM  
11/12/2015 6:08:30 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval -  
Start Time: 10/20/2015 7:00:00 AM Stop Time: 11/12/2015 7:00:00 PM  
11/19/2015 4:07:00 PM Log Download - Used Battery: 4% Used Memory: 56% User Name: KMakar Interval -  
Start Time: 11/1/2015 7:00:00 AM Stop Time: 11/19/2015 4:00:00 PM  
11/29/2015 2:30:47 PM Log Download - Used Battery: 4% Used Memory: 62% User Name: CShaw Interval -  
Start Time: 11/12/2015 1:00:00 AM Stop Time: 11/29/2015 2:30:00 PM  
12/3/2015 11:51:46 AM Log Download - Used Battery: 4% Used Memory: 62% User Name: KMakar Interval -  
Start Time: 11/18/2015 7:00:00 AM Stop Time: 12/3/2015 11:45:00 AM  
12/10/2015 5:48:20 PM Log Download - Used Battery: 4% Used Memory: 62% User Name: CShaw Interval -  
Start Time: 10/13/2015 1:00:00 AM Stop Time: 12/10/2015 5:45:00 PM  
12/17/2015 1:31:21 PM Log Download - Used Battery: 5% Used Memory: 62% User Name: KMakar Interval -  
Start Time: 12/1/2015 12:00:00 PM Stop Time: 12/17/2015 1:30:00 PM  
1/3/2016 2:59:26 PM Log Download - Used Battery: 5% Used Memory: 62% User Name: CShaw Interval -  
Start Time: 11/30/2015 1:00:00 AM Stop Time: 1/3/2016 3:45:00 PM  
1/7/2016 11:16:25 AM Log Download - Used Battery: 5% Used Memory: 68% User Name: KMakar Interval -  
Start Time: 12/31/2015 10:00:00 AM Stop Time: 1/7/2016 11:10:00 AM  
1/15/2016 10:13:03 AM Log Download - Used Battery: 5% Used Memory: 68% User Name: KMakar Interval -  
Start Time: 1/4/2016 6:00:00 AM Stop Time: 1/15/2016 10:15:00 AM  
1/21/2016 1:09:11 PM Log Download - Used Battery: 5% Used Memory: 68% User Name: KMakar Interval -  
Start Time: 1/12/2016 11:00:00 AM Stop Time: 1/21/2016 1:05:00 PM  
1/28/2016 2:50:08 PM Log Download - Used Battery: 5% Used Memory: 68% User Name: KMakar Interval -  
Start Time: 1/18/2016 11:45:00 AM Stop Time: 1/28/2016 2:45:00 PM  
2/4/2016 4:52:46 PM Log Download - Used Battery: 5% Used Memory: 68% User Name: CShaw Interval -  
Start Time: 10/31/2015 12:59:00 PM Stop Time: 2/4/2016 5:30:00 PM  
2/11/2016 12:15:31 PM Log Download - Used Battery: 5% Used Memory: 68% User Name: CShaw Interval -  
Start Time: 2/2/2016 2:30:00 PM Stop Time: 2/11/2016 1:15:00 PM  
2/17/2016 6:14:07 PM Log Download - Used Battery: 6% Used Memory: 68% User Name: CShaw Interval -  
Start Time: 2/17/2016 5:30:00 PM Stop Time: 2/17/2016 6:00:00 PM  
2/18/2016 12:53:58 PM Log Download - Used Battery: 6% Used Memory: 68% User Name: CShaw Interval -  
Start Time: 2/4/2016 3:00:00 AM Stop Time: 2/18/2016 1:00:00 PM  
2/25/2016 12:53:40 PM Log Download - Used Battery: 6% Used Memory: 75% User Name: KMakar Interval -  
Start Time: 2/15/2016 5:30:00 PM Stop Time: 2/25/2016 12:45:00 PM

Log Data:

Record Count: 870

Sensors: 1

1 - 399604: Baro-Pressure/Temp

Time Zone: Pacific Daylight Time

Date and Time	Sensor: Baro Pres		Sensor: Baro Pres	
	Elapsed Time	SN#: 399604	SN#: 399604	
	Seconds	Pressure (mmHg)		Temperature (C)
3/17/2016 12:00:00 AM	129600.000	761.281		15.047
3/17/2016 12:15:00 AM	130500.000	761.196		14.973
3/17/2016 12:30:00 AM	131400.000	761.324		14.952
3/17/2016 12:45:00 AM	132300.000	761.055		14.890
3/17/2016 1:00:00 AM	133200.000	761.102		14.882
3/17/2016 1:15:00 AM	134100.000	761.003		14.839
3/17/2016 1:30:00 AM	135000.000	761.316		14.788
3/17/2016 1:45:00 AM	135900.000	760.938		14.776
3/17/2016 2:00:00 AM	136800.000	761.216		14.747
3/17/2016 2:15:00 AM	137700.000	760.912		14.718
3/17/2016 2:30:00 AM	138600.000	760.508		14.691
3/17/2016 2:45:00 AM	139500.000	760.779		14.636
3/17/2016 3:00:00 AM	140400.000	760.467		14.594
3/17/2016 3:15:00 AM	141300.000	760.197		14.543
3/17/2016 3:30:00 AM	142200.000	760.618		14.496
3/17/2016 3:45:00 AM	143100.000	760.342		14.447
3/17/2016 4:00:00 AM	144000.000	760.102		14.429
3/17/2016 4:15:00 AM	144900.000	760.054		14.391
3/17/2016 4:30:00 AM	145800.000	760.246		14.344
3/17/2016 4:45:00 AM	146700.000	760.340		14.301
3/17/2016 5:00:00 AM	147600.000	760.002		14.232
3/17/2016 5:15:00 AM	148500.000	759.944		14.210
3/17/2016 5:30:00 AM	149400.000	760.063		14.177
3/17/2016 5:45:00 AM	150300.000	759.849		14.133
3/17/2016 6:00:00 AM	151200.000	759.591		14.084
3/17/2016 6:15:00 AM	152100.000	759.927		14.043
3/17/2016 6:30:00 AM	153000.000	759.753		13.989
3/17/2016 6:45:00 AM	153900.000	759.608		13.949
3/17/2016 7:00:00 AM	154800.000	759.773		13.914
3/17/2016 7:15:00 AM	155700.000	759.886		13.857
3/17/2016 7:30:00 AM	156600.000	759.976		13.814
3/17/2016 7:45:00 AM	157500.000	759.914		13.778
3/17/2016 8:00:00 AM	158400.000	760.018		13.705
3/17/2016 8:15:00 AM	159300.000	760.136		13.631
3/17/2016 8:30:00 AM	160200.000	760.153		13.504
3/17/2016 8:45:00 AM	161100.000	759.946		13.177
3/17/2016 9:00:00 AM	162000.000	760.058		13.420
3/17/2016 9:15:00 AM	162900.000	760.057		18.357
3/17/2016 9:30:00 AM	163800.000	759.981		16.968
3/17/2016 9:45:00 AM	164700.000	759.883		15.586
3/17/2016 10:00:00 AM	165600.000	760.083		15.016
3/17/2016 10:15:00 AM	166500.000	760.154		14.795
3/17/2016 10:30:00 AM	167400.000	760.146		14.695

3/17/2016 10:45:00 AM	168300.000	760.327	14.652
3/17/2016 11:00:00 AM	169200.000	759.623	14.661
3/17/2016 11:15:00 AM	170100.000	759.862	14.626
3/17/2016 11:30:00 AM	171000.000	759.914	14.645
3/17/2016 11:45:00 AM	171900.000	759.417	14.685
3/17/2016 12:00:00 PM	172800.000	759.613	14.733
3/17/2016 12:15:00 PM	173700.000	759.751	14.789
3/17/2016 12:30:00 PM	174600.000	759.948	14.900
3/17/2016 12:45:00 PM	175500.000	759.630	14.940
3/17/2016 1:00:00 PM	176400.000	759.872	15.062
3/17/2016 1:15:00 PM	177300.000	759.652	15.160
3/17/2016 1:30:00 PM	178200.000	759.820	15.279
3/17/2016 1:45:00 PM	179100.000	759.570	15.401
3/17/2016 2:00:00 PM	180000.000	759.629	15.563
3/17/2016 2:15:00 PM	180900.000	759.521	15.717
3/17/2016 2:30:00 PM	181800.000	759.700	15.868
3/17/2016 2:45:00 PM	182700.000	758.906	15.991
3/17/2016 3:00:00 PM	183600.000	759.365	16.162
3/17/2016 3:15:00 PM	184500.000	759.348	16.318
3/17/2016 3:30:00 PM	185400.000	759.379	16.445
3/17/2016 3:45:00 PM	186300.000	759.257	16.609
3/17/2016 4:00:00 PM	187200.000	759.390	16.734
3/17/2016 4:15:00 PM	188100.000	759.177	16.884
3/17/2016 4:30:00 PM	189000.000	759.161	17.018
3/17/2016 4:45:00 PM	189900.000	758.963	17.130
3/17/2016 5:00:00 PM	190800.000	759.052	17.249
3/17/2016 5:15:00 PM	191700.000	759.264	17.335
3/17/2016 5:30:00 PM	192600.000	759.403	17.373
3/17/2016 5:45:00 PM	193500.000	759.234	17.441
3/17/2016 6:00:00 PM	194400.000	759.089	17.475
3/17/2016 6:15:00 PM	195300.000	759.513	17.484
3/17/2016 6:30:00 PM	196200.000	759.466	17.496
3/17/2016 6:45:00 PM	197100.000	759.518	17.449
3/17/2016 7:00:00 PM	198000.000	759.923	17.393
3/17/2016 7:15:00 PM	198900.000	759.708	17.306
3/17/2016 7:30:00 PM	199800.000	759.857	17.266
3/17/2016 7:45:00 PM	200700.000	759.778	17.203
3/17/2016 8:00:00 PM	201600.000	760.342	17.180
3/17/2016 8:15:00 PM	202500.000	760.270	17.116
3/17/2016 8:30:00 PM	203400.000	760.149	17.009
3/17/2016 8:45:00 PM	204300.000	760.718	16.898
3/17/2016 9:00:00 PM	205200.000	760.412	16.800
3/17/2016 9:15:00 PM	206100.000	760.341	16.672
3/17/2016 9:30:00 PM	207000.000	760.597	16.598
3/17/2016 9:45:00 PM	207900.000	760.696	16.501
3/17/2016 10:00:00 PM	208800.000	760.812	16.436
3/17/2016 10:15:00 PM	209700.000	760.551	16.317
3/17/2016 10:30:00 PM	210600.000	760.702	16.261
3/17/2016 10:45:00 PM	211500.000	760.991	16.178
3/17/2016 11:00:00 PM	212400.000	760.864	16.099
3/17/2016 11:15:00 PM	213300.000	760.742	16.027
3/17/2016 11:30:00 PM	214200.000	760.746	15.976
3/17/2016 11:45:00 PM	215100.000	760.839	15.908
3/18/2016 12:00:00 AM	216000.000	760.947	15.887

3/18/2016 12:15:00 AM	216900.000	760.819	15.861
3/18/2016 12:30:00 AM	217800.000	760.639	15.763
3/18/2016 12:45:00 AM	218700.000	760.566	15.721
3/18/2016 1:00:00 AM	219600.000	760.443	15.677
3/18/2016 1:15:00 AM	220500.000	760.696	15.617
3/18/2016 1:30:00 AM	221400.000	760.608	15.590
3/18/2016 1:45:00 AM	222300.000	760.471	15.573
3/18/2016 2:00:00 AM	223200.000	760.688	15.529
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3/18/2016 2:30:00 AM	225000.000	760.386	15.498
3/18/2016 2:45:00 AM	225900.000	760.537	15.435
3/18/2016 3:00:00 AM	226800.000	760.476	15.430
3/18/2016 3:15:00 AM	227700.000	760.413	15.349
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3/18/2016 7:30:00 AM	243000.000	761.518	15.027
3/18/2016 7:45:00 AM	243900.000	761.202	15.038
3/18/2016 8:00:00 AM	244800.000	761.243	15.021
3/18/2016 8:15:00 AM	245700.000	761.267	14.965
3/18/2016 8:30:00 AM	246600.000	761.301	14.980
3/18/2016 8:45:00 AM	247500.000	761.924	14.988
3/18/2016 9:00:00 AM	248400.000	761.772	14.973
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3/18/2016 2:45:00 PM	269100.000	761.995	16.339
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3/18/2016 5:30:00 PM	279000.000	761.878	17.417
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3/19/2016 1:30:00 AM	307800.000	762.722	15.549
3/19/2016 1:45:00 AM	308700.000	762.696	15.498
3/19/2016 2:00:00 AM	309600.000	762.495	15.390
3/19/2016 2:15:00 AM	310500.000	762.573	15.333
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3/19/2016 3:30:00 AM	315000.000	762.560	15.241
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3/19/2016 5:45:00 AM	323100.000	762.544	15.110
3/19/2016 6:00:00 AM	324000.000	762.710	15.116
3/19/2016 6:15:00 AM	324900.000	763.160	15.078
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3/21/2016 2:45:00 AM	485100.000	764.289	17.414
3/21/2016 3:00:00 AM	486000.000	764.381	17.335
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3/21/2016 4:00:00 AM	489600.000	764.258	17.025
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# ***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