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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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TestAmerica Job ID: 440-226384-1
Client Project/Site: AltaGas - Blythe

For:
Northstar Environmental Remediation
26225 Enterprise Court
Lake Forest, California 92630

Attn: Ralph DeLaParra

Authorized for release by:
12/18/2018 8:45:05 AM

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LINKS

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www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Northstar Environmental Remediation
Project/Site: AltaGas - Blythe

TestAmerica Job ID: 440-226384-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-226384-1	MW-3-12-3-18	Water	12/03/18 07:10	12/04/18 14:55
440-226384-2	MW-2-12-3-18	Water	12/03/18 08:05	12/04/18 14:55
440-226384-3	MW-1-12-3-18	Water	12/03/18 09:00	12/04/18 14:55
440-226384-4	MW-4-12-3-18	Water	12/03/18 09:50	12/04/18 14:55
440-226384-5	Dup-12-3-18	Water	12/03/18 00:01	12/04/18 14:55
440-226384-8	EP-12-3-18	Water	12/03/18 10:45	12/04/18 14:55
440-226384-9	EP (East) Sludge-12-3-18	Solid	12/03/18 10:45	12/04/18 14:55
440-226384-10	EP (West) Sludge-12-3-18	Solid	12/03/18 11:00	12/04/18 14:55

Job ID: 440-226384-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-226384-1

Comments
No additional comments.

Receipt
The samples were received on 12/4/2018 2:55 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.5º C.

HPLC/IC
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method(s) 200.2: The following samples for metals were received unpreserved and were preserved upon receipt to the laboratory: EP-12-3-18 (440-226384-8). Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion.

0.5mL HNO3 added 12/13/18 @12:00
HNO3 lot# 0000203839

Method(s) 200.2: The following samples for metals were received unpreserved and were preserved upon receipt to the laboratory: MW-3-12-3-18 (440-226384-1), MW-2-12-3-18 (440-226384-2), MW-1-12-3-18 (440-226384-3), MW-4-12-3-18 (440-226384-4) and Dup-12-3-18 (440-226384-5). Regulatory documents require a 24-hour waiting period from the time of the addition of the acid preservative to the time of digestion.

12/13/18 at 14:00
HNO3 Lot : 0000203839
Added; 2.0mL

Method(s) 200.7 Rev 4.4: The following sample was diluted due to the nature of the sample matrix: EP-12-3-18 (440-226384-8). Elevated reporting limits (RLs) are provided.

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries of Nickel, Antimony and Zinc for preparation batch 440-516290 and analytical batch 440-516732 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 6010B: The post digestion spike % recovery for Barium, Nickel and Zinc associated with batch 440-516732 was outside of control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
Method(s) SM 2510B: Conductivity result was reported at a dilution and may have increased error compared to an undiluted sample. EP-12-3-18 (440-226384-8)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Northstar Environmental Remediation
Project/Site: AltaGas - Blythe

TestAmerica Job ID: 440-226384-1

Client Sample ID: MW-3-12-3-18

Lab Sample ID: 440-226384-1
Date Collected: 12/03/18 07:10
Matrix: Water
Date Received: 12/04/18 14:55

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		25	mg/L			12/06/18 00:46	50
Sulfate	380		25	mg/L			12/06/18 00:46	50

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.010	mg/L		12/14/18 12:51	12/16/18 11:55	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	1500		1.0	umhos/cm			12/12/18 16:58	1
Total Dissolved Solids	1100		10	mg/L			12/08/18 09:31	1

Client Sample ID: MW-2-12-3-18

Lab Sample ID: 440-226384-2
Date Collected: 12/03/18 08:05
Matrix: Water
Date Received: 12/04/18 14:55

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		25	mg/L			12/06/18 01:03	50
Sulfate	380		25	mg/L			12/06/18 01:03	50

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.010	mg/L		12/14/18 12:51	12/16/18 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	1500		1.0	umhos/cm			12/12/18 16:58	1
Total Dissolved Solids	1100		10	mg/L			12/08/18 09:31	1

Client Sample ID: MW-1-12-3-18

Lab Sample ID: 440-226384-3
Date Collected: 12/03/18 09:00
Matrix: Water
Date Received: 12/04/18 14:55

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		25	mg/L			12/06/18 01:19	50
Sulfate	380		25	mg/L			12/06/18 01:19	50

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	0.011		0.010	mg/L		12/14/18 12:51	12/16/18 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	1600		1.0	umhos/cm			12/12/18 16:58	1
Total Dissolved Solids	1200		10	mg/L			12/08/18 09:31	1

Client Sample Results

Client: Northstar Environmental Remediation
Project/Site: AltaGas - Blythe

TestAmerica Job ID: 440-226384-1

Client Sample ID: MW-4-12-3-18

Lab Sample ID: 440-226384-4
Date Collected: 12/03/18 09:50
Matrix: Water
Date Received: 12/04/18 14:55

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	260		25	mg/L			12/06/18 01:36	50
Sulfate	280		25	mg/L			12/06/18 01:36	50

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.010	mg/L		12/14/18 12:51	12/16/18 12:02	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	1500		1.0	umhos/cm			12/12/18 16:58	1
Total Dissolved Solids	1100		10	mg/L			12/08/18 09:31	1

Client Sample ID: Dup-12-3-18

Lab Sample ID: 440-226384-5
Date Collected: 12/03/18 00:01
Matrix: Water
Date Received: 12/04/18 14:55

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	220		25	mg/L			12/06/18 02:26	50
Sulfate	380		25	mg/L			12/06/18 02:26	50

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.010	mg/L		12/14/18 12:52	12/16/18 12:04	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	1600		1.0	umhos/cm			12/12/18 16:58	1
Total Dissolved Solids	1200		10	mg/L			12/08/18 09:31	1

Client Sample ID: EP-12-3-18

Lab Sample ID: 440-226384-8
Date Collected: 12/03/18 10:45
Matrix: Water
Date Received: 12/04/18 14:55

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43000		5000	mg/L			12/06/18 16:29	10000
Sulfate	21000		1000	mg/L			12/06/18 15:38	2000

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.13		0.020	mg/L		12/14/18 07:12	12/17/18 17:04	2
Arsenic	0.14		0.020	mg/L		12/14/18 07:12	12/17/18 17:04	2
Barium	0.34		0.020	mg/L		12/14/18 07:12	12/17/18 17:04	2
Cadmium	ND		0.010	mg/L		12/14/18 07:12	12/17/18 17:04	2
Chromium	ND		0.010	mg/L		12/14/18 07:12	12/17/18 17:04	2
Cobalt	ND		0.020	mg/L		12/14/18 07:12	12/17/18 17:04	2
Copper	0.041		0.020	mg/L		12/14/18 07:12	12/17/18 17:04	2
Lead	ND		0.010	mg/L		12/14/18 07:12	12/17/18 17:04	2
Nickel	0.13		0.020	mg/L		12/14/18 07:12	12/17/18 17:04	2
Selenium	0.36		0.020	mg/L		12/14/18 07:12	12/17/18 17:04	2

Client Sample ID: EP-12-3-18

Lab Sample ID: 440-226384-8
Date Collected: 12/03/18 10:45
Matrix: Water
Date Received: 12/04/18 14:55

Method: 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.41**		0.040	mg/L		12/14/18 07:12	12/17/18 17:04	2

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	mg/L		12/13/18 13:30	12/14/18 00:16	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	**180000**		20	umhos/cm			12/12/18 16:58	20
Total Dissolved Solids	**120000**		2000	mg/L			12/08/18 09:31	1

Client Sample ID: EP (East) Sludge-12-3-18

Lab Sample ID: 440-226384-9
Date Collected: 12/03/18 10:45
Matrix: Solid
Date Received: 12/04/18 14:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Arsenic	ND		3.0	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Barium	**15**		1.5	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Beryllium	ND		0.50	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Cadmium	ND		0.50	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Chromium	**5.5**		1.0	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Cobalt	ND		1.0	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Copper	**4.1**		2.0	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Lead	ND		2.0	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Molybdenum	ND		2.0	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Nickel	**3.2**		2.0	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Selenium	**3.3**		3.0	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Silver	ND		1.5	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Thallium	ND		10	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Vanadium	**4.1**		1.0	mg/Kg		12/11/18 11:35	12/12/18 20:57	5
Zinc	**29**		5.0	mg/Kg		12/11/18 11:35	12/12/18 20:57	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	mg/Kg		12/07/18 12:21	12/08/18 03:23	1

Client Sample ID: EP (West) Sludge-12-3-18

Lab Sample ID: 440-226384-10
Date Collected: 12/03/18 11:00
Matrix: Solid
Date Received: 12/04/18 14:55

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10	mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Arsenic	ND		3.0	mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Barium	**18**		1.5	mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Beryllium	ND		0.50	mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Cadmium	ND		0.50	mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Chromium	**5.0**		1.0	mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Cobalt	ND		1.0	mg/Kg		12/11/18 11:35	12/12/18 21:06	5

Client Sample Results

Client: Northstar Environmental Remediation
Project/Site: AltaGas - Blythe

TestAmerica Job ID: 440-226384-1

Client Sample ID: EP (West) Sludge-12-3-18

Lab Sample ID: 440-226384-10

Date Collected: 12/03/18 11:00
Matrix: Solid
Date Received: 12/04/18 14:55

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Copper	**3.8**		2.0		mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Lead	ND		2.0		mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Molybdenum	ND		2.0		mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Nickel	**2.0**		2.0		mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Selenium	**3.3**		3.0		mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Silver	ND		1.5		mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Thallium	ND		10		mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Vanadium	**4.2**		1.0		mg/Kg		12/11/18 11:35	12/12/18 21:06	5
Zinc	**33**		5.0		mg/Kg		12/11/18 11:35	12/12/18 21:06	5

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		12/07/18 12:21	12/08/18 03:26	1

Method Summary

Client: Northstar Environmental Remediation
Project/Site: AltaGas - Blythe

TestAmerica Job ID: 440-226384-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL IRV
200.7 Rev 4.4	Metals (ICP)	EPA	TAL IRV
245.1	Mercury (CVAA)	EPA	TAL IRV
6010B	Metals (ICP)	SW846	TAL IRV
7471A	Mercury (CVAA)	SW846	TAL IRV
SM 2510B	Conductivity, Specific Conductance	SM	TAL IRV
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL IRV
200.2	Preparation, Total Recoverable Metals	EPA	TAL IRV
245.1	Preparation, Mercury	EPA	TAL IRV
3050B	Preparation, Metals	SW846	TAL IRV
7471A	Preparation, Mercury	SW846	TAL IRV

Protocol References:

EPA = US Environmental Protection Agency
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Northstar Environmental Remediation
Project/Site: AltaGas - Blythe

TestAmerica Job ID: 440-226384-1

Client Sample ID: MW-3-12-3-18 — Lab Sample ID: 440-226384-1

Date Collected: 12/03/18 07:10
Date Received: 12/04/18 14:55
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		50			515111	12/06/18 00:46	NTN	TAL IRV
Total Recoverable	Prep	200.2			25 mL	25 mL	517143	12/14/18 12:51	KE	TAL IRV
Total Recoverable	Analysis	200.7 Rev 4.4		1			517422	12/16/18 11:55	P1R	TAL IRV
Total/NA	Analysis	SM 2510B		1			516628	12/12/18 16:58	XL	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	515753	12/08/18 09:31	XL	TAL IRV

Client Sample ID: MW-2-12-3-18 — Lab Sample ID: 440-226384-2

Date Collected: 12/03/18 08:05
Date Received: 12/04/18 14:55
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		50			515111	12/06/18 01:03	NTN	TAL IRV
Total Recoverable	Prep	200.2			25 mL	25 mL	517143	12/14/18 12:51	KE	TAL IRV
Total Recoverable	Analysis	200.7 Rev 4.4		1			517422	12/16/18 11:57	P1R	TAL IRV
Total/NA	Analysis	SM 2510B		1			516628	12/12/18 16:58	XL	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	515753	12/08/18 09:31	XL	TAL IRV

Client Sample ID: MW-1-12-3-18 — Lab Sample ID: 440-226384-3

Date Collected: 12/03/18 09:00
Date Received: 12/04/18 14:55
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		50			515111	12/06/18 01:19	NTN	TAL IRV
Total Recoverable	Prep	200.2			25 mL	25 mL	517143	12/14/18 12:51	KE	TAL IRV
Total Recoverable	Analysis	200.7 Rev 4.4		1			517422	12/16/18 11:59	P1R	TAL IRV
Total/NA	Analysis	SM 2510B		1			516628	12/12/18 16:58	XL	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	515753	12/08/18 09:31	XL	TAL IRV

Client Sample ID: MW-4-12-3-18 — Lab Sample ID: 440-226384-4

Date Collected: 12/03/18 09:50
Date Received: 12/04/18 14:55
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		50			515111	12/06/18 01:36	NTN	TAL IRV
Total Recoverable	Prep	200.2			25 mL	25 mL	517143	12/14/18 12:51	KE	TAL IRV
Total Recoverable	Analysis	200.7 Rev 4.4		1			517422	12/16/18 12:02	P1R	TAL IRV
Total/NA	Analysis	SM 2510B		1			516628	12/12/18 16:58	XL	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	515753	12/08/18 09:31	XL	TAL IRV

Lab Chronicle

Client: Northstar Environmental Remediation
Project/Site: AltaGas - Blythe

TestAmerica Job ID: 440-226384-1

Client Sample ID: Dup-12-3-18

Lab Sample ID: 440-226384-5
Date Collected: 12/03/18 00:01
Matrix: Water
Date Received: 12/04/18 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		50			515111	12/06/18 02:26	NTN	TAL IRV
Total Recoverable	Prep	200.2			25 mL	25 mL	517143	12/14/18 12:52	KE	TAL IRV
Total Recoverable	Analysis	200.7 Rev 4.4		1			517422	12/16/18 12:04	P1R	TAL IRV
Total/NA	Analysis	SM 2510B		1			516628	12/12/18 16:58	XL	TAL IRV
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	515753	12/08/18 09:31	XL	TAL IRV

Client Sample ID: EP-12-3-18

Lab Sample ID: 440-226384-8
Date Collected: 12/03/18 10:45
Matrix: Water
Date Received: 12/04/18 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2000	5 mL	1.0 mL	515353	12/06/18 15:38	NTN	TAL IRV
Total/NA	Analysis	300.0		10000	5 mL	1.0 mL	515353	12/06/18 16:29	NTN	TAL IRV
Total Recoverable	Prep	200.2			25 mL	25 mL	517064	12/14/18 07:12	KE	TAL IRV
Total Recoverable	Analysis	200.7 Rev 4.4		2			517707	12/17/18 17:04	P1R	TAL IRV
Total/NA	Prep	245.1			20 mL	20 mL	516688	12/13/18 13:30	DB	TAL IRV
Total/NA	Analysis	245.1		1			517219	12/14/18 00:16	DB	TAL IRV
Total/NA	Analysis	SM 2510B		20			516628	12/12/18 16:58	XL	TAL IRV
Total/NA	Analysis	SM 2540C		1	0.5 mL	100 mL	515753	12/08/18 09:31	XL	TAL IRV

Client Sample ID: EP (East) Sludge-12-3-18

Lab Sample ID: 440-226384-9
Date Collected: 12/03/18 10:45
Matrix: Solid
Date Received: 12/04/18 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	516290	12/11/18 11:35	JSJ	TAL IRV
Total/NA	Analysis	6010B		5			516732	12/12/18 20:57	P1R	TAL IRV
Total/NA	Prep	7471A			0.51 g	50 mL	515635	12/07/18 12:21	DB	TAL IRV
Total/NA	Analysis	7471A		1			516063	12/08/18 03:23	KE	TAL IRV

Client Sample ID: EP (West) Sludge-12-3-18

Lab Sample ID: 440-226384-10
Date Collected: 12/03/18 11:00
Matrix: Solid
Date Received: 12/04/18 14:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	50 mL	516290	12/11/18 11:35	JSJ	TAL IRV
Total/NA	Analysis	6010B		5			516732	12/12/18 21:06	P1R	TAL IRV
Total/NA	Prep	7471A			0.50 g	50 mL	515635	12/07/18 12:21	DB	TAL IRV
Total/NA	Analysis	7471A		1			516063	12/08/18 03:26	KE	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 440-515111/6 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 515111

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			12/05/18 13:20	1
Sulfate	ND		0.50		mg/L			12/05/18 13:20	1

Lab Sample ID: LCS 440-515111/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 515111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.00	4.92		mg/L		98	90 - 110
Sulfate	5.00	5.02		mg/L		100	90 - 110

Lab Sample ID: 440-226333-A-1 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 515111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	62	E	5.00	67.8	E 4	mg/L		124	80 - 120
Sulfate	110	E	5.00	114	E 4	mg/L		117	80 - 120

Lab Sample ID: 440-226333-A-1 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 515111

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	62	E	5.00	67.7	E 4	mg/L		123	80 - 120	0	20
Sulfate	110	E	5.00	114	E 4	mg/L		116	80 - 120	0	20

Lab Sample ID: MB 440-515353/6 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 515353

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50		mg/L			12/06/18 12:04	1
Sulfate	ND		0.50		mg/L			12/06/18 12:04	1

Lab Sample ID: LCS 440-515353/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 515353

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	5.00	4.90		mg/L		98	90 - 110
Sulfate	5.00	4.87		mg/L		97	90 - 110

Lab Sample ID: 440-226556-D-1 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 515353

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	150	E	5.00	158	E 4	mg/L		128	80 - 120

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 440-226556-D-1 MS
Matrix: Water
Analysis Batch: 515353

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate	250	E	5.00	253	E 4	mg/L		98	80 - 120		

Lab Sample ID: 440-226556-D-1 MSD
Matrix: Water
Analysis Batch: 515353

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	150	E	5.00	158	E 4	mg/L		123	80 - 120	0	20
Sulfate	250	E	5.00	253	E 4	mg/L		96	80 - 120	0	20

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 440-517064/1-A
Matrix: Water
Analysis Batch: 517707

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 517064

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.010		mg/L		12/14/18 07:12	12/17/18 16:52	1
Arsenic	ND		0.010		mg/L		12/14/18 07:12	12/17/18 16:52	1
Barium	ND		0.010		mg/L		12/14/18 07:12	12/17/18 16:52	1
Cadmium	ND		0.0050		mg/L		12/14/18 07:12	12/17/18 16:52	1
Chromium	ND		0.0050		mg/L		12/14/18 07:12	12/17/18 16:52	1
Cobalt	ND		0.010		mg/L		12/14/18 07:12	12/17/18 16:52	1
Copper	ND		0.010		mg/L		12/14/18 07:12	12/17/18 16:52	1
Lead	ND		0.0050		mg/L		12/14/18 07:12	12/17/18 16:52	1
Nickel	ND		0.010		mg/L		12/14/18 07:12	12/17/18 16:52	1
Selenium	ND		0.010		mg/L		12/14/18 07:12	12/17/18 16:52	1
Zinc	ND		0.020		mg/L		12/14/18 07:12	12/17/18 16:52	1

Lab Sample ID: LCS 440-517064/2-A
Matrix: Water
Analysis Batch: 517707

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 517064

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony	0.500	0.513		mg/L		103	85 - 115		
Arsenic	0.500	0.497		mg/L		99	85 - 115		
Barium	0.500	0.491		mg/L		98	85 - 115		
Cadmium	0.500	0.497		mg/L		99	85 - 115		
Chromium	0.500	0.493		mg/L		99	85 - 115		
Cobalt	0.500	0.498		mg/L		100	85 - 115		
Copper	0.500	0.487		mg/L		97	85 - 115		
Lead	0.500	0.492		mg/L		98	85 - 115		
Nickel	0.500	0.490		mg/L		98	85 - 115		
Selenium	0.500	0.493		mg/L		99	85 - 115		
Zinc	0.500	0.499		mg/L		100	85 - 115		

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 440-227180-E-10-B MS
Matrix: Water
Analysis Batch: 517707

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 517064

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.015		0.500	0.533		mg/L		104	70 - 130
Arsenic	0.097		0.500	0.591		mg/L		99	70 - 130
Barium	0.016		0.500	0.493		mg/L		95	70 - 130
Cadmium	ND		0.500	0.458		mg/L		92	70 - 130
Chromium	ND		0.500	0.472		mg/L		94	70 - 130
Cobalt	ND		0.500	0.481		mg/L		96	70 - 130
Copper	ND		0.500	0.554		mg/L		109	70 - 130
Lead	ND		0.500	0.469		mg/L		94	70 - 130
Nickel	0.025		0.500	0.491		mg/L		93	70 - 130
Selenium	ND		0.500	0.486		mg/L		97	70 - 130
Zinc	ND		0.500	0.462		mg/L		92	70 - 130

Lab Sample ID: 440-227180-E-10-C MSD
Matrix: Water
Analysis Batch: 517707

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 517064

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	0.015		0.500	0.528		mg/L		103	70 - 130	1	20
Arsenic	0.097		0.500	0.580		mg/L		97	70 - 130	2	20
Barium	0.016		0.500	0.486		mg/L		94	70 - 130	1	20
Cadmium	ND		0.500	0.452		mg/L		90	70 - 130	1	20
Chromium	ND		0.500	0.468		mg/L		94	70 - 130	1	20
Cobalt	ND		0.500	0.477		mg/L		95	70 - 130	1	20
Copper	ND		0.500	0.549		mg/L		109	70 - 130	1	20
Lead	ND		0.500	0.462		mg/L		92	70 - 130	1	20
Nickel	0.025		0.500	0.488		mg/L		93	70 - 130	1	20
Selenium	ND		0.500	0.482		mg/L		96	70 - 130	1	20
Zinc	ND		0.500	0.458		mg/L		92	70 - 130	1	20

Lab Sample ID: MB 440-517143/1-A
Matrix: Water
Analysis Batch: 517422

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 517143

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.010		mg/L		12/14/18 11:43	12/16/18 11:20	1

Lab Sample ID: LCS 440-517143/2-A
Matrix: Water
Analysis Batch: 517422

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 517143

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium			0.500	0.486		mg/L		97	85 - 115

Lab Sample ID: 440-226384-5 MS
Matrix: Water
Analysis Batch: 517422

Client Sample ID: Dup-12-3-18
Prep Type: Total Recoverable
Prep Batch: 517143

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	ND		0.500	0.509		mg/L		100	70 - 130

Lab Sample ID: 440-226384-5 MSD — **Client Sample ID: Dup-12-3-18**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 517422 — **Prep Batch: 517143**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Selenium	ND		0.500	0.503		mg/L		99	70 - 130	1	20

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 440-516688/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 517219 — **Prep Batch: 516688**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020		mg/L		12/13/18 13:30	12/13/18 23:48	1

Lab Sample ID: LCS 440-516688/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 517219 — **Prep Batch: 516688**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.00800	0.00802		mg/L		100	85 - 115		

Lab Sample ID: 440-227258-L-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 517219 — **Prep Batch: 516688**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.00800	0.00784		mg/L		98	75 - 125		

Lab Sample ID: 440-227258-L-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 517219 — **Prep Batch: 516688**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00800	0.00781		mg/L		98	75 - 125	0	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-516290/1-A ^5 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 516732 — **Prep Batch: 516290**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10		mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Arsenic	ND		3.0		mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Barium	ND		1.5		mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Beryllium	ND		0.50		mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Cadmium	ND		0.50		mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Chromium	ND		1.0		mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Cobalt	ND		1.0		mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Copper	ND		2.0		mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Lead	ND		2.0		mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Molybdenum	ND		2.0		mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Nickel	ND		2.0		mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Selenium	ND		3.0		mg/Kg		12/11/18 11:35	12/12/18 20:22	5

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 440-516290/1-A ^5
Matrix: Solid
Analysis Batch: 516732

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 516290

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		1.5	mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Thallium	ND		10	mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Vanadium	ND		1.0	mg/Kg		12/11/18 11:35	12/12/18 20:22	5
Zinc	ND		5.0	mg/Kg		12/11/18 11:35	12/12/18 20:22	5

Lab Sample ID: LCS 440-516290/2-A ^5
Matrix: Solid
Analysis Batch: 516732

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 516290

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	49.5	49.1		mg/Kg		99	80 - 120
Arsenic	49.5	46.8		mg/Kg		94	80 - 120
Barium	49.5	47.5		mg/Kg		96	80 - 120
Beryllium	49.5	48.1		mg/Kg		97	80 - 120
Cadmium	49.5	47.0		mg/Kg		95	80 - 120
Chromium	49.5	48.8		mg/Kg		99	80 - 120
Cobalt	49.5	48.3		mg/Kg		98	80 - 120
Copper	49.5	49.7		mg/Kg		100	80 - 120
Lead	49.5	48.1		mg/Kg		97	80 - 120
Molybdenum	49.5	48.7		mg/Kg		98	80 - 120
Nickel	49.5	48.3		mg/Kg		98	80 - 120
Selenium	49.5	44.5		mg/Kg		90	80 - 120
Silver	24.8	24.3		mg/Kg		98	80 - 120
Thallium	49.5	47.4		mg/Kg		96	80 - 120
Vanadium	49.5	48.5		mg/Kg		98	80 - 120
Zinc	49.5	46.6		mg/Kg		94	80 - 120

Lab Sample ID: 440-226253-E-1-E MS ^5
Matrix: Solid
Analysis Batch: 516732

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 516290

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	ND	F1	50.0	21.5	F1	mg/Kg		43	75 - 125
Arsenic	9.6		50.0	49.7		mg/Kg		80	75 - 125
Barium	210		50.0	242	4	mg/Kg		58	75 - 125
Beryllium	0.95		50.0	43.1		mg/Kg		84	75 - 125
Cadmium	ND		50.0	39.2		mg/Kg		78	75 - 125
Chromium	72		50.0	113		mg/Kg		83	75 - 125
Cobalt	13		50.0	52.8		mg/Kg		79	75 - 125
Copper	42		50.0	84.2		mg/Kg		84	75 - 125
Lead	18		50.0	55.6		mg/Kg		75	75 - 125
Molybdenum	ND		50.0	40.6		mg/Kg		79	75 - 125
Nickel	98	F1	50.0	130	F1	mg/Kg		64	75 - 125
Selenium	ND		50.0	39.3		mg/Kg		79	75 - 125
Silver	ND		25.0	21.8		mg/Kg		87	75 - 125
Thallium	ND		50.0	40.3		mg/Kg		81	75 - 125
Vanadium	50		50.0	97.3		mg/Kg		95	75 - 125
Zinc	76	F1	50.0	104	F1	mg/Kg		55	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 440-226253-E-1-F MSD ^5 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 516732 — **Prep Batch: 516290**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	ND	F1	49.3	21.7	F1	mg/Kg		44	75 - 125	1	20
Arsenic	9.6		49.3	49.8		mg/Kg		82	75 - 125	0	20
Barium	210		49.3	280	4	mg/Kg		137	75 - 125	15	20
Beryllium	0.95		49.3	43.5		mg/Kg		86	75 - 125	1	20
Cadmium	ND		49.3	39.9		mg/Kg		80	75 - 125	2	20
Chromium	72		49.3	115		mg/Kg		86	75 - 125	1	20
Cobalt	13		49.3	54.4		mg/Kg		83	75 - 125	3	20
Copper	42		49.3	85.2		mg/Kg		88	75 - 125	1	20
Lead	18		49.3	55.6		mg/Kg		77	75 - 125	0	20
Molybdenum	ND		49.3	41.0		mg/Kg		81	75 - 125	1	20
Nickel	98	F1	49.3	133	F1	mg/Kg		71	75 - 125	2	20
Selenium	ND		49.3	38.7		mg/Kg		78	75 - 125	2	20
Silver	ND		24.6	21.7		mg/Kg		88	75 - 125	1	20
Thallium	ND		49.3	41.3		mg/Kg		84	75 - 125	2	20
Vanadium	50		49.3	101		mg/Kg		104	75 - 125	4	20
Zinc	76	F1	49.3	111	F1	mg/Kg		71	75 - 125	7	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 440-515635/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 516063 — **Prep Batch: 515635**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020		mg/Kg		12/07/18 12:21	12/08/18 02:54	1

Lab Sample ID: LCS 440-515635/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 516063 — **Prep Batch: 515635**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.800	0.823		mg/Kg		103	80 - 120		

Lab Sample ID: 440-225990-A-47-I MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 516063 — **Prep Batch: 515635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.051		0.800	0.754		mg/Kg		88	75 - 125		

Lab Sample ID: 440-225990-A-47-J MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 516063 — **Prep Batch: 515635**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.051		0.800	0.717		mg/Kg		83	75 - 125	5	20

QC Sample Results

Client: Northstar Environmental Remediation
Project/Site: AltaGas - Blythe

TestAmerica Job ID: 440-226384-1

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 440-516628/3
Matrix: Water
Analysis Batch: 516628

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Specific Conductance	ND		1.0		umhos/cm			12/12/18 14:09	1

Lab Sample ID: LCS 440-516628/4
Matrix: Water
Analysis Batch: 516628

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Specific Conductance			953	961		umhos/cm		101	90 - 110		

Lab Sample ID: 440-226786-H-1 DU
Matrix: Water
Analysis Batch: 516628

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Specific Conductance	840			856		umhos/cm				2	5

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 440-515753/1
Matrix: Water
Analysis Batch: 515753

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10		mg/L			12/08/18 09:31	1

Lab Sample ID: LCS 440-515753/2
Matrix: Water
Analysis Batch: 515753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			1000	970		mg/L		97	90 - 110		

Lab Sample ID: 440-226384-1 DU
Matrix: Water
Analysis Batch: 515753

Client Sample ID: MW-3-12-3-18
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1100			1160		mg/L				0.6	5

QC Association Summary

Client: Northstar Environmental Remediation
Project/Site: AltaGas - Blythe

TestAmerica Job ID: 440-226384-1

HPLC/IC

Analysis Batch: 515111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-1	MW-3-12-3-18	Total/NA	Water	300.0	
440-226384-2	MW-2-12-3-18	Total/NA	Water	300.0	
440-226384-3	MW-1-12-3-18	Total/NA	Water	300.0	
440-226384-4	MW-4-12-3-18	Total/NA	Water	300.0	
440-226384-5	Dup-12-3-18	Total/NA	Water	300.0	
MB 440-515111/6	Method Blank	Total/NA	Water	300.0	
LCS 440-515111/5	Lab Control Sample	Total/NA	Water	300.0	
440-226333-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
440-226333-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 515353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-8	EP-12-3-18	Total/NA	Water	300.0	
440-226384-8	EP-12-3-18	Total/NA	Water	300.0	
MB 440-515353/6	Method Blank	Total/NA	Water	300.0	
LCS 440-515353/5	Lab Control Sample	Total/NA	Water	300.0	
440-226556-D-1 MS	Matrix Spike	Total/NA	Water	300.0	
440-226556-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 515635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-9	EP (East) Sludge-12-3-18	Total/NA	Solid	7471A	
440-226384-10	EP (West) Sludge-12-3-18	Total/NA	Solid	7471A	
MB 440-515635/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 440-515635/2-A	Lab Control Sample	Total/NA	Solid	7471A	
440-225990-A-47-I MS	Matrix Spike	Total/NA	Solid	7471A	
440-225990-A-47-J MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Analysis Batch: 516063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-9	EP (East) Sludge-12-3-18	Total/NA	Solid	7471A	515635
440-226384-10	EP (West) Sludge-12-3-18	Total/NA	Solid	7471A	515635
MB 440-515635/1-A	Method Blank	Total/NA	Solid	7471A	515635
LCS 440-515635/2-A	Lab Control Sample	Total/NA	Solid	7471A	515635
440-225990-A-47-I MS	Matrix Spike	Total/NA	Solid	7471A	515635
440-225990-A-47-J MSD	Matrix Spike Duplicate	Total/NA	Solid	7471A	515635

Prep Batch: 516290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-9	EP (East) Sludge-12-3-18	Total/NA	Solid	3050B	
440-226384-10	EP (West) Sludge-12-3-18	Total/NA	Solid	3050B	
MB 440-516290/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-516290/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
440-226253-E-1-E MS ^5	Matrix Spike	Total/NA	Solid	3050B	
440-226253-E-1-F MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 516688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-8	EP-12-3-18	Total/NA	Water	245.1	
MB 440-516688/1-A	Method Blank	Total/NA	Water	245.1	
LCS 440-516688/2-A	Lab Control Sample	Total/NA	Water	245.1	
440-227258-L-1-B MS	Matrix Spike	Total/NA	Water	245.1	
440-227258-L-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	

Analysis Batch: 516732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-9	EP (East) Sludge-12-3-18	Total/NA	Solid	6010B	516290
440-226384-10	EP (West) Sludge-12-3-18	Total/NA	Solid	6010B	516290
MB 440-516290/1-A ^5	Method Blank	Total/NA	Solid	6010B	516290
LCS 440-516290/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	516290
440-226253-E-1-E MS ^5	Matrix Spike	Total/NA	Solid	6010B	516290
440-226253-E-1-F MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	516290

Prep Batch: 517064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-8	EP-12-3-18	Total Recoverable	Water	200.2	
MB 440-517064/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 440-517064/2-A	Lab Control Sample	Total Recoverable	Water	200.2	
440-227180-E-10-B MS	Matrix Spike	Total Recoverable	Water	200.2	
440-227180-E-10-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.2	

Prep Batch: 517143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-1	MW-3-12-3-18	Total Recoverable	Water	200.2	
440-226384-2	MW-2-12-3-18	Total Recoverable	Water	200.2	
440-226384-3	MW-1-12-3-18	Total Recoverable	Water	200.2	
440-226384-4	MW-4-12-3-18	Total Recoverable	Water	200.2	
440-226384-5	Dup-12-3-18	Total Recoverable	Water	200.2	
MB 440-517143/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 440-517143/2-A	Lab Control Sample	Total Recoverable	Water	200.2	
440-226384-5 MS	Dup-12-3-18	Total Recoverable	Water	200.2	
440-226384-5 MSD	Dup-12-3-18	Total Recoverable	Water	200.2	

Analysis Batch: 517219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-8	EP-12-3-18	Total/NA	Water	245.1	516688
MB 440-516688/1-A	Method Blank	Total/NA	Water	245.1	516688
LCS 440-516688/2-A	Lab Control Sample	Total/NA	Water	245.1	516688
440-227258-L-1-B MS	Matrix Spike	Total/NA	Water	245.1	516688
440-227258-L-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	245.1	516688

Analysis Batch: 517422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-1	MW-3-12-3-18	Total Recoverable	Water	200.7 Rev 4.4	517143
440-226384-2	MW-2-12-3-18	Total Recoverable	Water	200.7 Rev 4.4	517143
440-226384-3	MW-1-12-3-18	Total Recoverable	Water	200.7 Rev 4.4	517143
440-226384-4	MW-4-12-3-18	Total Recoverable	Water	200.7 Rev 4.4	517143
440-226384-5	Dup-12-3-18	Total Recoverable	Water	200.7 Rev 4.4	517143
MB 440-517143/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	517143

Metals (Continued)

Analysis Batch: 517422 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 440-517143/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	517143
440-226384-5 MS	Dup-12-3-18	Total Recoverable	Water	200.7 Rev 4.4	517143
440-226384-5 MSD	Dup-12-3-18	Total Recoverable	Water	200.7 Rev 4.4	517143

Analysis Batch: 517707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-8	EP-12-3-18	Total Recoverable	Water	200.7 Rev 4.4	517064
MB 440-517064/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	517064
LCS 440-517064/2-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	517064
440-227180-E-10-B MS	Matrix Spike	Total Recoverable	Water	200.7 Rev 4.4	517064
440-227180-E-10-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	200.7 Rev 4.4	517064

General Chemistry

Analysis Batch: 515753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-1	MW-3-12-3-18	Total/NA	Water	SM 2540C	
440-226384-2	MW-2-12-3-18	Total/NA	Water	SM 2540C	
440-226384-3	MW-1-12-3-18	Total/NA	Water	SM 2540C	
440-226384-4	MW-4-12-3-18	Total/NA	Water	SM 2540C	
440-226384-5	Dup-12-3-18	Total/NA	Water	SM 2540C	
440-226384-8	EP-12-3-18	Total/NA	Water	SM 2540C	
MB 440-515753/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 440-515753/2	Lab Control Sample	Total/NA	Water	SM 2540C	
440-226384-1 DU	MW-3-12-3-18	Total/NA	Water	SM 2540C	

Analysis Batch: 516628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-226384-1	MW-3-12-3-18	Total/NA	Water	SM 2510B	
440-226384-2	MW-2-12-3-18	Total/NA	Water	SM 2510B	
440-226384-3	MW-1-12-3-18	Total/NA	Water	SM 2510B	
440-226384-4	MW-4-12-3-18	Total/NA	Water	SM 2510B	
440-226384-5	Dup-12-3-18	Total/NA	Water	SM 2510B	
440-226384-8	EP-12-3-18	Total/NA	Water	SM 2510B	
MB 440-516628/3	Method Blank	Total/NA	Water	SM 2510B	
LCS 440-516628/4	Lab Control Sample	Total/NA	Water	SM 2510B	
440-226786-H-1 DU	Duplicate	Total/NA	Water	SM 2510B	

Definitions/Glossary

Client: Northstar Environmental Remediation
Project/Site: AltaGas - Blythe

TestAmerica Job ID: 440-226384-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Accreditation/Certification Summary

Client: Northstar Environmental Remediation
Project/Site: AltaGas - Blythe

TestAmerica Job ID: 440-226384-1

Laboratory: TestAmerica Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alaska	State Program	10	CA01531	06-30-19
Arizona	State Program	9	AZ0671	10-14-19
California	LA Cty Sanitation Districts	9	10256	06-30-19
California	State Program	9	CA ELAP 2706	06-30-19
Guam	State Program	9	Cert. No. 17-003R	01-23-19 *
Hawaii	State Program	9	N/A	01-29-19 *
Kansas	NELAP	7	E-10420	07-31-19
Nevada	State Program	9	CA015312018-1	07-31-19
New Mexico	State Program	6	N/A	01-29-19 *
Oregon	NELAP	10	4028	01-29-19 *
US Fish & Wildlife	Federal		058448	07-31-19
USDA	Federal		P330-18-00214	07-09-21
Washington	State Program	10	C900	09-03-19

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614
Phone: 949.261.1022 Fax:

Chain of Custody Record 207908

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
TestAmerica Laboratories, Inc.
TAL-8210 (0713)

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Client Contact	Project Manager:	Site Contact:	Date: 12-4-18	COC No:
Company Name: NorthStar	Tel/Fax:	Lab Contact:	Carrier:	1 of 1
Address: 26225 Enterprise Ct	Analysis Turnaround Time			Sampler
City/State/Zip: Lake Forest, CA 92630	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (949) 580-2800	TAT if different from Below _____			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling
Project Name: AltaGas-Blythe	☐ 1 week			
Site:	☐ 2 days			Job / SDG No.:
P O #	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	Chloride	TDS	Specific Conductance	Sulfate	Selenium	Antimony, Arsenic	Barium, Cadmium	Total Chromium, Cobalt	Copper, Lead, Mercury	Nickel, Zinc	Beryllium, Molybdenum	Silver, Thallium	Vanadium	Sample Specif
MW-3-12-3-18	12-3-18	0710	G	GW	2	N	N	X	X	X	X	X									
MW-2 "	"	0805	"		2			X	X	X	X	X									
MW-1 "	"	0900	"		2			X	X	X	X	X									
MW-4 "	"	0950	"		2			X	X	X	X	X									
Dup - "	"	—	"		2			X	X	X	X	X									
EP-12-3-18	12-3-18	1045	G ~~Grab~~	H2O	2			X	X	X	X	X	X	X	X	X	X				Composite EP East + West + Grant of EP-12-3-18
EP (East) Sludge-12-3-18	12-3-18	1045	G	Sdd	1							X	X	X	X	X	X	X	X	X	
EP (West) " "	"	1100	G	"	1							X	X	X	X	X	X	X	X	X	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp. (°C): Obs'd: 1.3 Corr'd: 1.5 | Therm ID No.: IR 88

Relinquished by:	Company: NorthStar	Date/Time: 12-14-18 @ 1455	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: TARV	Date/Time: 12/04/18 1455

440-226384 Chain of Custody

AS 12/5/18

Page 24 of 25

12/18/2018

Login Sample Receipt Checklist

Client: Northstar Environmental Remediation

Job Number: 440-226384-1

Login Number: 226384
List Number: 1
Creator: Skinner, Alma D

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER ESI

UPLOADING A GEO_REPORT FILE

SUCCESS

Your GEO_REPORT file has been successfully submitted!

Submittal Type:	GEO_REPORT
Report Title:	FIRST SEMI-ANNUAL 2018 MONITORING REPORT
Report Type:	Monitoring Report - Semi-Annually
Report Date:	7/27/2018
Facility Global ID:	L10008442717
Facility Name:	BLYTHE ENERGY PROJECT
File Name:	Rpt 1st semi annual 2018 blythe_072718.pdf
Organization Name:	Geomatrix
Username:	gmx-nb
IP Address:	12.175.73.233
Submittal Date/Time:	7/27/2018 1:06:31 PM
Confirmation Number:	7117956757

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UPLOADING A GEO_REPORT FILE

SUCCESS

Your GEO_REPORT file has been successfully submitted!

Submittal Type:	**GEO_REPORT**
Report Title:	**SECOND SEMI-ANNUAL 2018 MONITORING REPORT**
Report Type:	**Monitoring Report - Semi-Annually**
Report Date:	**1/25/2019**
Facility Global ID:	**L10008442717**
Facility Name:	**BLYTHE ENERGY PROJECT**
File Name:	**Rpt 2nd semi annual 2018 blythe_012519.pdf**
Organization Name:	**Geomatrix**
Username:	**gmx-nb**
IP Address:	**12.175.73.233**
Submittal Date/Time:	**1/25/2019 3:05:50 PM**
Confirmation Number:	**6747216999**

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Title V Permit Limits - 2019

Federal Operating Permit Number: 130202262

CT1 B007953 CT2 B007954

hourly rates per Combustion Turbine, not including startups and shutdowns					
	more stringent of			**aggregate, including duct burners**	verified by
NOx (as NO2)	19.8 lb/hr	2.5 ppmvd (@ 15% O2) avg'd over 1 hr	eff 05/07/16: 2.0 ppmvd (@ 15% O2) 12-mo rolling avg	5,762 lb/d	CEMS
	III-26, 4.a.i	III-26, 4.a.i	III-26, 4.a.i8	III-26, 6.a	
CO	17.5 lb/hr	4.0 ppmvd (@ 15% O2) avg'd over 3 hr	10 lb/hr 12-mo rolling avg	8,004 lb/d	CEMS
	III-26, 4.a.iii	III-26, 4.a.iii	III-26, 4.a.iv	III-26, 6.b	
VOC as CH4	2.9 lb/hr (based on 1 ppmvd corrected to 15% O2)			239 lb/d	annual compliance test
	III-26, 4.b.i			III-26, 6.c	
SOx as SO2	2.7 lb/hr (based on 0.5 grains/100 dscf fuel sulfur)			130 lb/d	annual compliance test
	III-26, 4.b.ii			III-26, 6.d	
PM10	6.2 lb/hr			298.5 lb/d	annual compliance test
	III-26, 4.b.iii			III-26, 6.e	
NH3	10 ppmvd (@ 15% O2) avg'd over 3 hr				CEMS
	III-33, G.4				
startups and shutdowns – per event					
NOx (as NO2)	376 lb				CEMS
	III-26, 5.b.i				
CO	3600 lb	effective May 7, 2016: ≤ 750 lb/event for all events 12-month rolling average III.26, 5.c			
	III-26, 5.b.ii				
startup	ignition to two consecutive 15-minute periods, not to exceed 4 hr				
shutdown	lowering from baseload until cessation of combustion				
facility wide aggregate totals					
NOx (as NO2)	All values are 12-month rolling total and are Inclusive of startup, shutdown, and malfunction III-26-27, 7.a-e			97 t/y	
CO				175 t/y	
VOC as CH4				24 t/y	
SOx as SO2				12 t/y	
PM10				56.9 t/y	

Blyth Energy – Alta Gas T-Line Vegetation Survey Results
2-27-2019

Tower	Tree Species	Tower	Tree Species
100-101	Palo Verde	105-106	Palo Verde
100-101	Palo Verde	141-142	Ironwood
100-101	Palo Verde	141-142	Ironwood
103-104	Ironwood	151-152	Ironwood
104-105	Ironwood	180-181	Ironwood
182-183	Ironwood	278-279	Ironwood
227-228	Ironwood	327-328	Ironwood
228-229	Ironwood	354-355	Ironwood
245-246	Ironwood	365-366	Ironwood
249-250	Ironwood	411-412	Palo Verde
414-415	Ironwood		

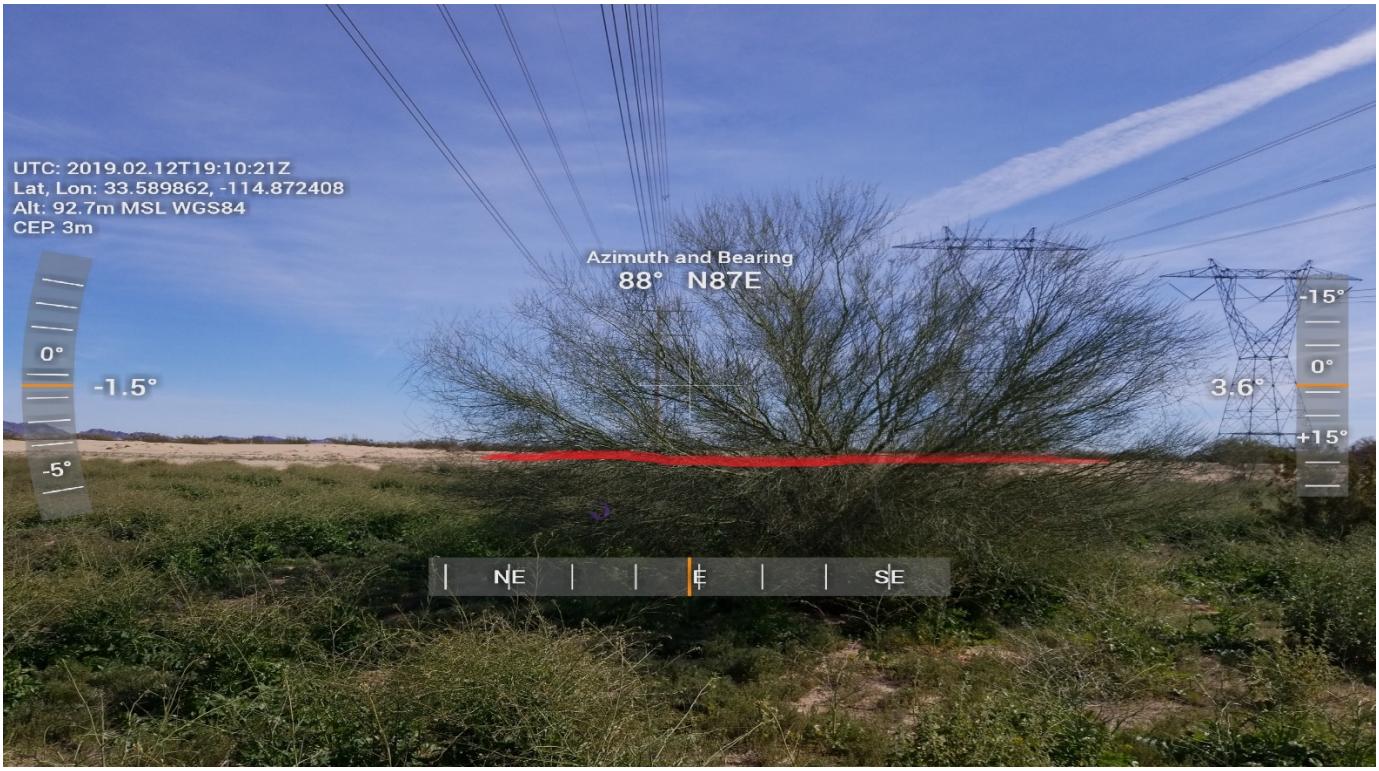
Between Tower 100-101 – Palo Verde

Between Tower 100-101 – 2 Palo Verde

Between Tower 103-104 – Ironwood

Between Tower 104-105 – 2 Ironwood

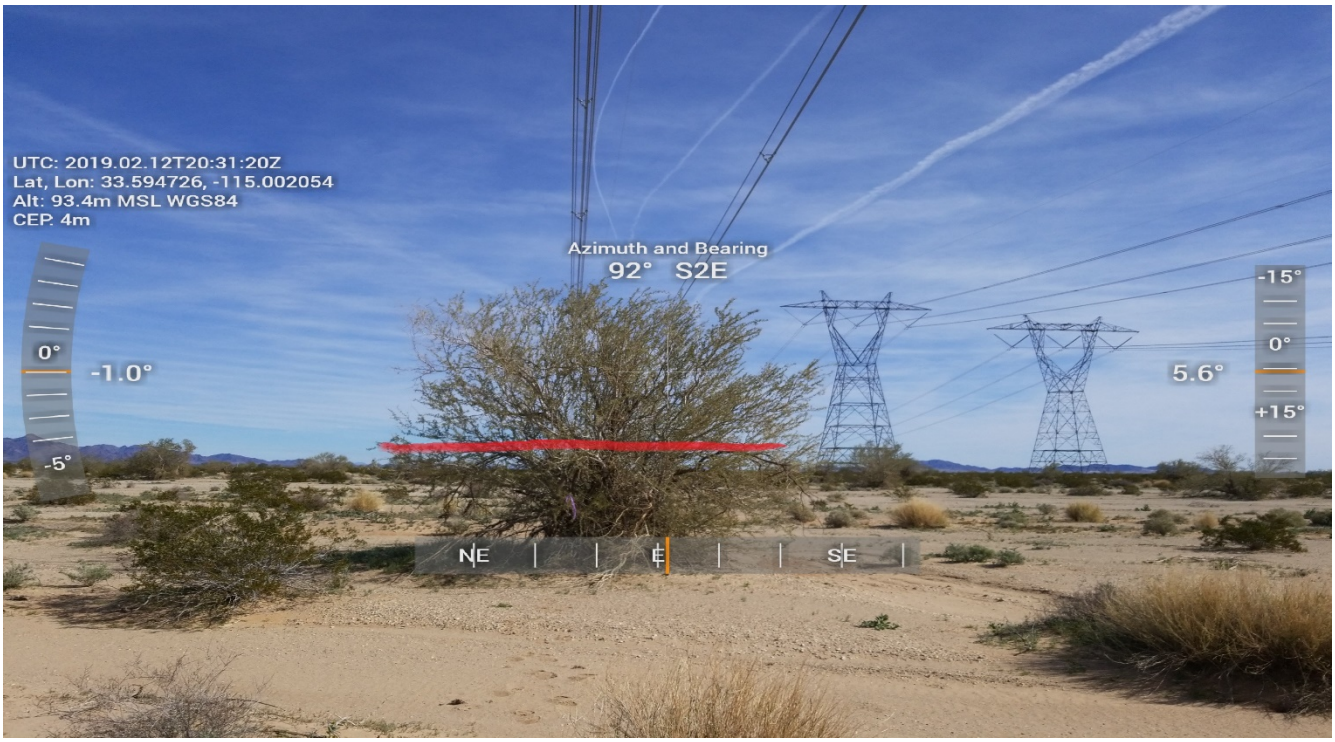
Between Tower 105-106 – Palo Verde



Between Tower 141-142 – Ironwood

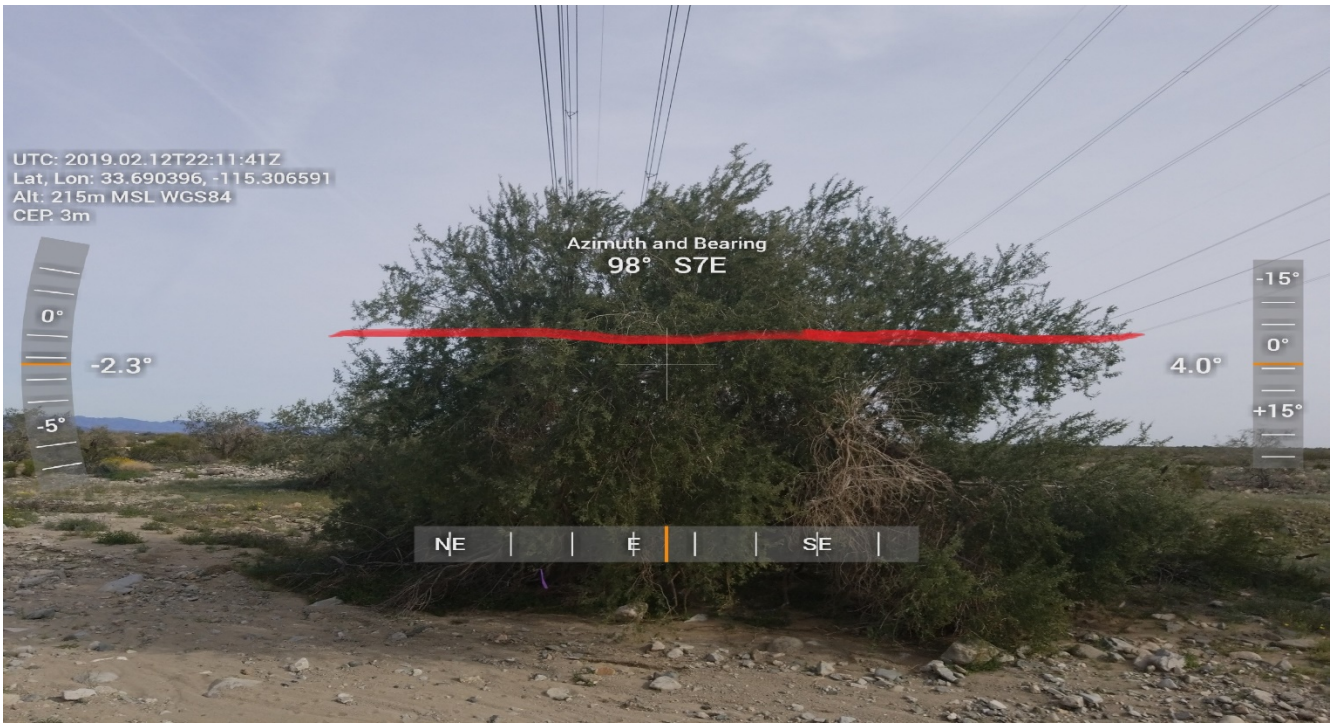
Between Tower 141-142 – Ironwood

Between Tower 151-152 – Ironwood



Between Tower 108-181 – Ironwood

Between Tower 182-183 – Ironwood



Between Tower 227-228 – Ironwood

Between Tower 228-229 – Ironwood

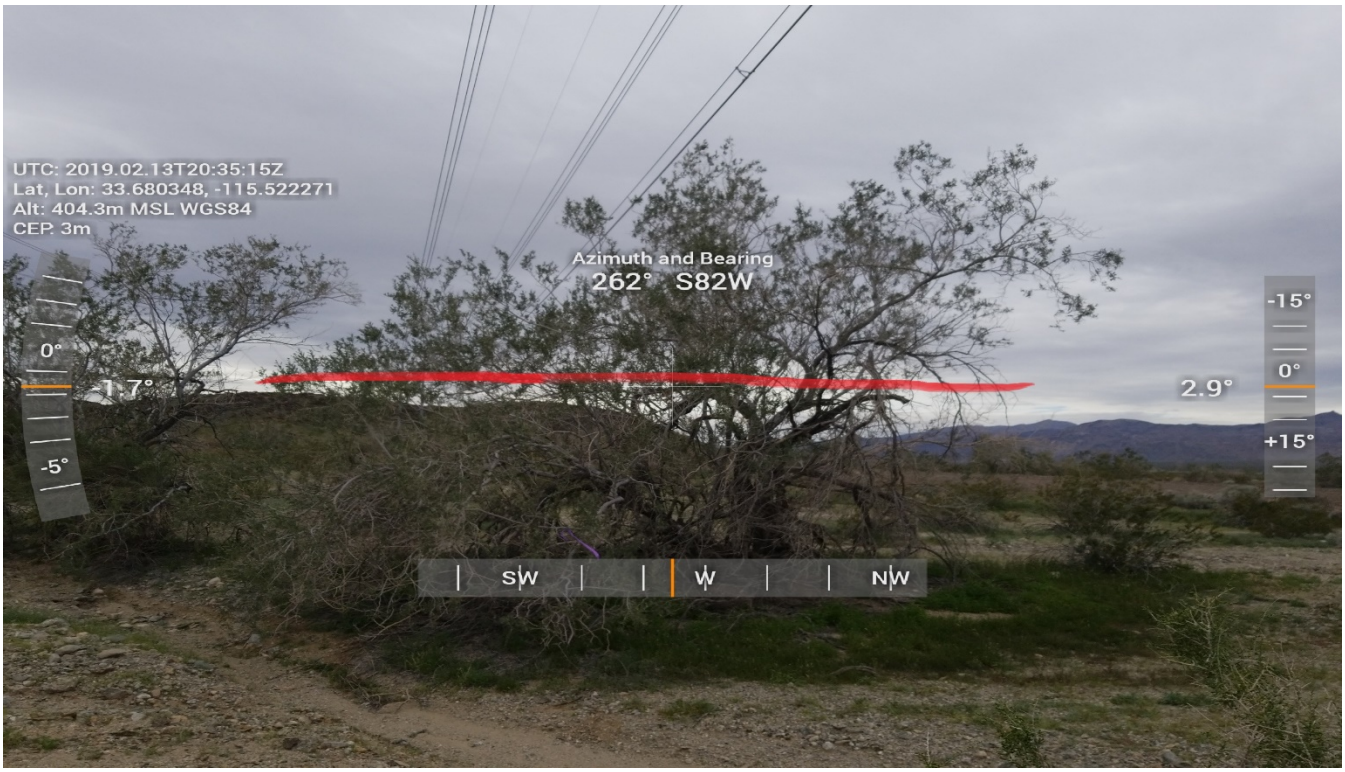
Between Tower 245-246 – Ironwood

Between Tower 249-250 – Ironwood

Between Tower 278-279 – Ironwood

Between Tower 327-328 – Ironwood

Between Tower 354-355 – Ironwood



Between Tower 365-366 – Ironwood

Between Tower 411-412 – Palo Verde

Between Tower 414-415 – Ironwood

Blyth Energy – Alta Gas T-Line Vegetation Survey Results
2-27-2019

Tower	Tree Species	Tower	Tree Species
100-101	Palo Verde	105-106	Palo Verde
100-101	Palo Verde	141-142	Ironwood
100-101	Palo Verde	141-142	Ironwood
103-104	Ironwood	151-152	Ironwood
104-105	Ironwood	180-181	Ironwood
182-183	Ironwood	278-279	Ironwood
227-228	Ironwood	327-328	Ironwood
228-229	Ironwood	354-355	Ironwood
245-246	Ironwood	365-366	Ironwood
249-250	Ironwood	411-412	Palo Verde
414-415	Ironwood		

Between Tower 100-101 – Palo Verde

Between Tower 100-101 – Palo Verde Complete

Between Tower 100-101 – 2 Palo Verde

Between Tower 100-101 – 2 Palo Verde Complete

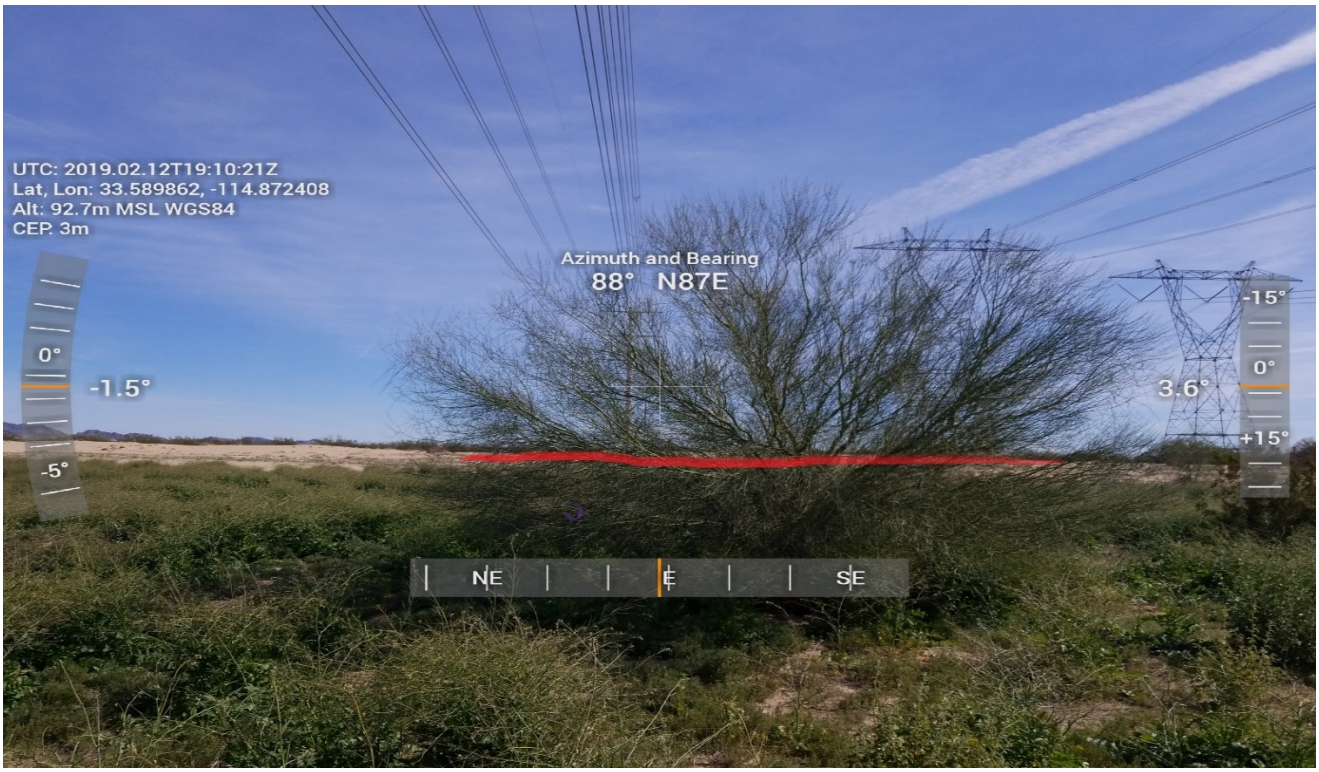
Between Tower 103-104 – Ironwood

Between Tower 103-104 – Ironwood Complete

Between Tower 104-105 – 2 Ironwood

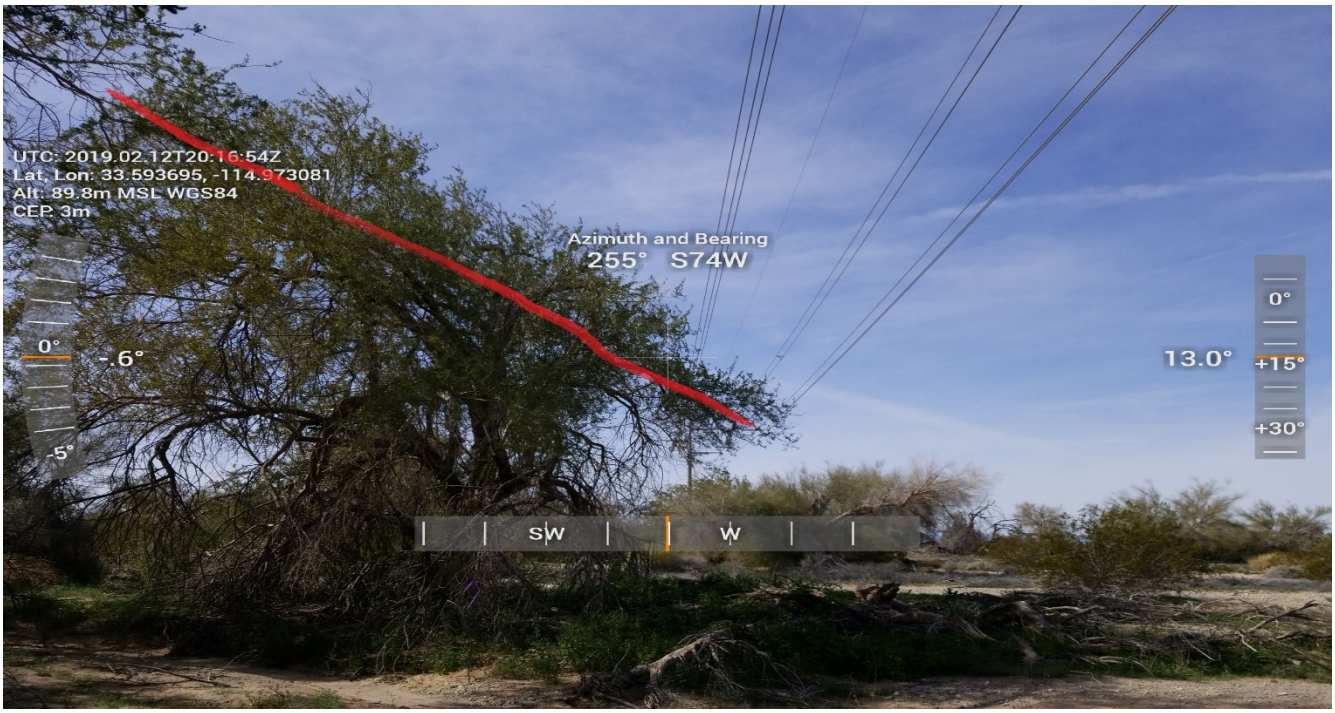
Between Tower 104-105 – 2 Ironwood – Complete

Between Tower 105-106 – Palo Verde



Between Tower 105-106 – Palo Verde – Complete

Between Tower 141-142 – Ironwood 1

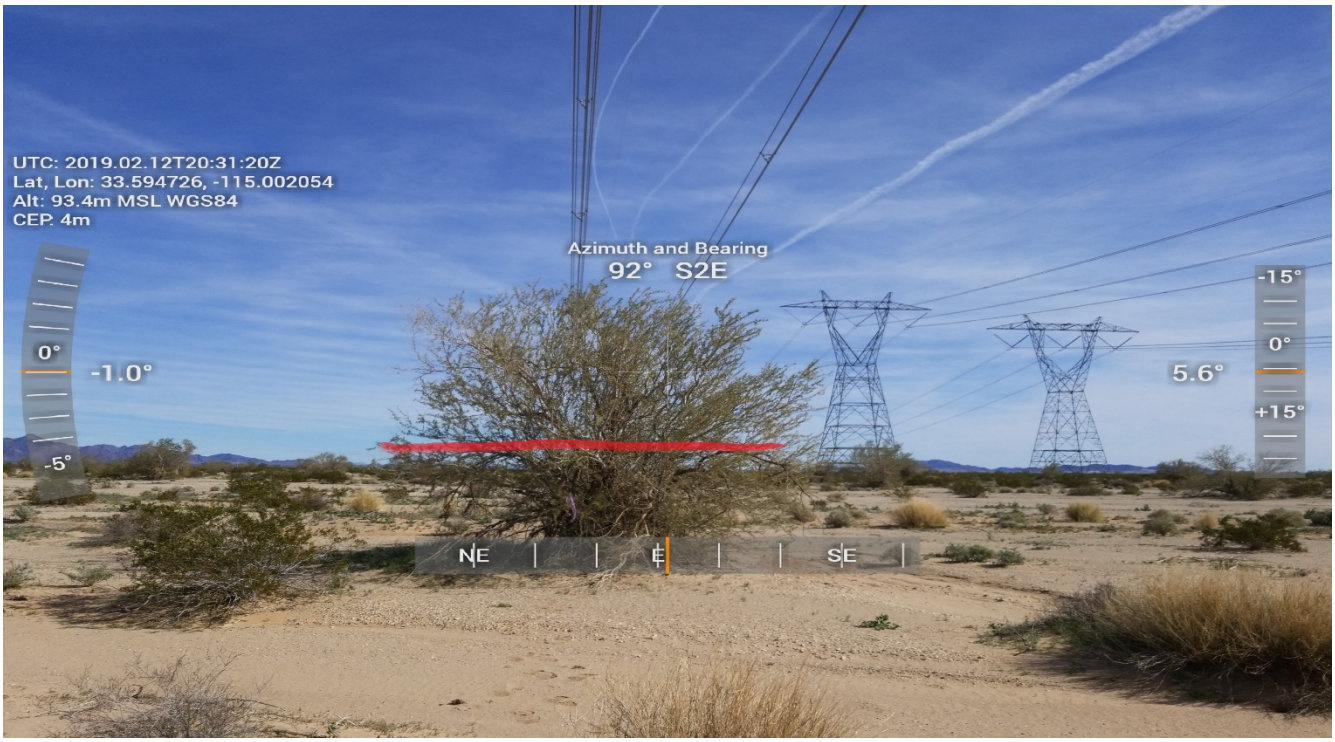


Between Tower 141-142 – Ironwood 1 - Complete

Between Tower 141-142 – Ironwood 2

Between Tower 141-142 – Ironwood 2 – Complete

Between Tower 151-152 – Ironwood

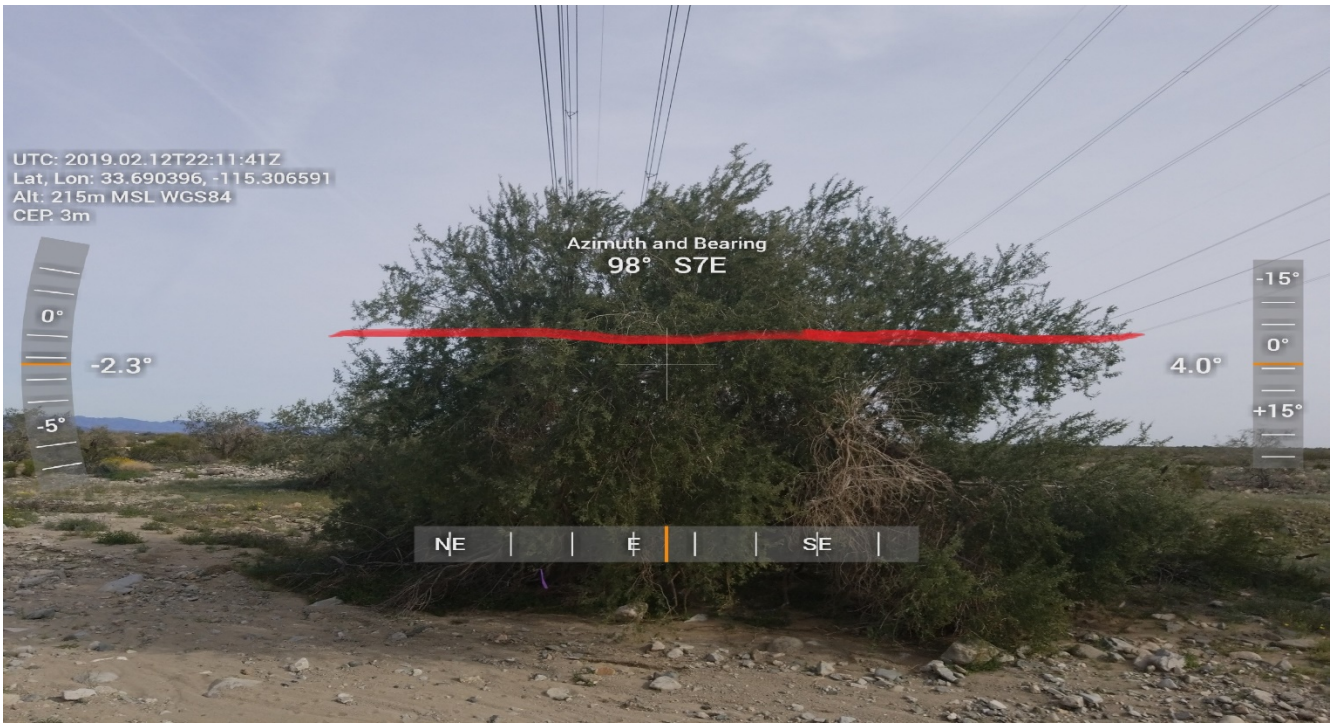


Between Tower 151-152 – Ironwood - Complete

Between Tower 108-181 – Ironwood

Between Tower 108-181 – Ironwood - Complete

Between Tower 182-183 – Ironwood



Between Tower 182-183 – Ironwood Complete

Between Tower 227-228 – Ironwood

Between Tower 227-228 – Ironwood Complete

Between Tower 228-229 – Ironwood

Between Tower 228-229 – Ironwood Complete

Between Tower 245-246 – Ironwood

Between Tower 245-246 – Ironwood – Complete

Between Tower 249-250 – Ironwood

Between Tower 249-250 – Ironwood - Complete

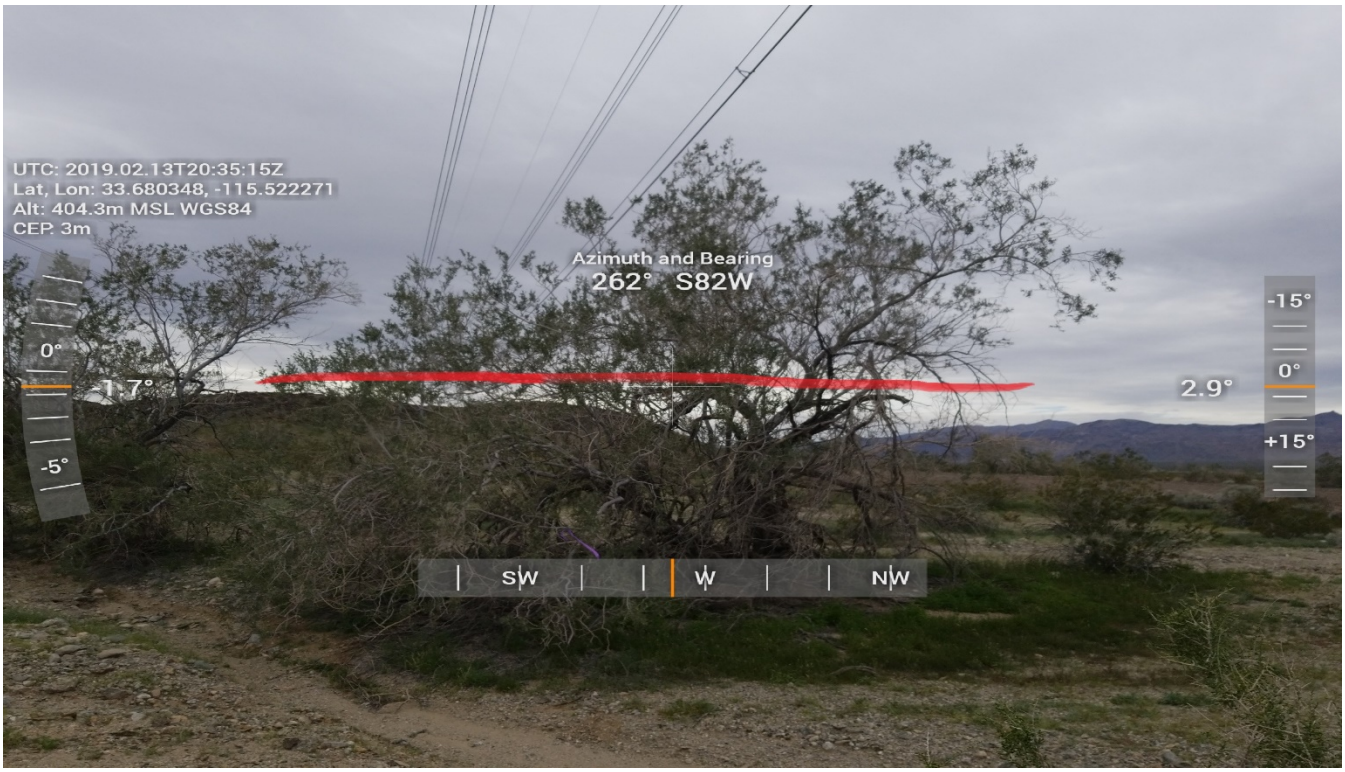
Between Tower 278-279 – Ironwood

Between Tower 278-279 – Ironwood - Complete

Between Tower 327-328 – Ironwood

Between Tower 327-328 – Ironwood Complete

Between Tower 354-355 – Ironwood



Between Tower 354-355 – Ironwood

Between Tower 365-366 – Ironwood

Between Tower 365-366 – Ironwood

Between Tower 411-412 – Palo Verde

Between Tower 411-412 – Palo Verde

Between Tower 414-415 – Ironwood

Between Tower 414-415 1 of 2 – Ironwood Complete

Between Tower 414-415 2 of 2 – Ironwood Complete

JULY		94,039,503
AUG		85,206,934
SEPT		86,265,429
	2018	265,511,865.23 GAL
OCT		50,966,807
NOV		54,520,359
DEC		46,184,484
	2018	151,671,649.22 GAL
JAN		35,767,357.06
FEB		4,643,461.85
MARCH		507,441.16
	2019	40,918,260.07 GAL
APRIL		4,202,150.45
MAY		47,760,659.78
JUNE		53,711,408.50
	2019	105,674,218.73 GAL
Total	2018/2019	563,775,993.24 GAL

AltaGas | Blythe Operations Inc.

3,000,000 ACREFEET/YR max

1,730.19 ACRE-FT Total 2018/2019

BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01
BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01
BLYPI100
1h
7/1/2018 0:00

7/31/2018 0:00

94,039,503 Gallons

	Circ Water Makeup Flow	Raw Water Tank Level	
01-Jul-18 00:00:00	1,066.795	32.139	
01-Jul-18 01:00:00	2,089.930	31.935	-0.204
01-Jul-18 02:00:00	2,369.523	31.842	-0.093
01-Jul-18 03:00:00	1,795.986	31.732	-0.110
01-Jul-18 04:00:00	2,059.282	31.622	-0.110
01-Jul-18 05:00:00	1,897.860	31.210	-0.413
01-Jul-18 06:00:00	1,849.702	31.083	-0.126
01-Jul-18 07:00:00	1,852.292	30.973	-0.110
01-Jul-18 08:00:00	1,853.583	30.874	-0.099
01-Jul-18 09:00:00	1,017.077	30.764	-0.110
01-Jul-18 10:00:00	2,252.311	30.655	-0.110
01-Jul-18 11:00:00	1,889.581	30.323	-0.331
01-Jul-18 12:00:00	2,143.227	30.211	-0.112
01-Jul-18 13:00:00	1,966.008	30.105	-0.106
01-Jul-18 14:00:00	1,614.908	30.909	0.804
01-Jul-18 15:00:00	2,845.708	36.463	5.554
01-Jul-18 16:00:00	1,001.562	36.185	-0.278
01-Jul-18 17:00:00	2,706.174	36.086	-0.099
01-Jul-18 18:00:00	2,044.460	35.987	-0.099
01-Jul-18 19:00:00	2,866.184	35.869	-0.119
01-Jul-18 20:00:00	2,054.737	35.752	-0.116
01-Jul-18 21:00:00	1,992.330	35.470	-0.282
01-Jul-18 22:00:00	3,044.134	35.360	-0.110
01-Jul-18 23:00:00	2,632.570	35.248	-0.112
02-Jul-18 00:00:00	1,023.394	35.129	-0.119
02-Jul-18 01:00:00	1,316.190	34.813	-0.316
02-Jul-18 02:00:00	2,346.292	34.701	-0.112
02-Jul-18 03:00:00	2,295.472	34.598	-0.103
02-Jul-18 04:00:00	1,740.547	34.484	-0.114
02-Jul-18 05:00:00	1,735.499	34.179	-0.305
02-Jul-18 06:00:00	2,098.284	34.009	-0.170
02-Jul-18 07:00:00	1,817.878	33.898	-0.111
02-Jul-18 08:00:00	1,839.644	33.821	-0.077
02-Jul-18 09:00:00	2,039.477	33.682	-0.139
02-Jul-18 10:00:00	1,851.830	33.579	-0.103
02-Jul-18 11:00:00	2,151.082	33.485	-0.093
02-Jul-18 12:00:00	2,157.840	33.360	-0.125
02-Jul-18 13:00:00	2,200.505	33.264	-0.096
02-Jul-18 14:00:00	2,475.936	32.799	-0.465
02-Jul-18 15:00:00	2,894.400	32.678	-0.122
02-Jul-18 16:00:00	2,430.348	32.568	-0.110
02-Jul-18 17:00:00	2,222.600	32.458	-0.110
02-Jul-18 18:00:00	2,980.775	32.344	-0.114
02-Jul-18 19:00:00	2,430.898	31.974	-0.370
02-Jul-18 20:00:00	2,809.449	31.864	-0.110
02-Jul-18 21:00:00	2,075.565	31.754	-0.110
02-Jul-18 22:00:00	2,296.523	31.644	-0.110
02-Jul-18 23:00:00	2,254.529	31.391	-0.253
03-Jul-18 00:00:00	2,868.406	31.209	-0.182
03-Jul-18 01:00:00	2,197.145	31.103	-0.106
03-Jul-18 02:00:00	2,025.777	30.995	-0.109
03-Jul-18 03:00:00	2,527.918	30.874	-0.120
03-Jul-18 04:00:00	2,049.726	30.764	-0.110
03-Jul-18 05:00:00	2,165.295	30.589	-0.175
03-Jul-18 06:00:00	2,092.994	30.208	-0.381
03-Jul-18 07:00:00	1,600.890	32.274	2.066
03-Jul-18 08:00:00	2,896.948	36.467	4.193
03-Jul-18 09:00:00	1,021.000	36.367	-0.100
03-Jul-18 10:00:00	2,680.710	36.256	-0.111
03-Jul-18 11:00:00	2,582.120	36.056	-0.200
03-Jul-18 12:00:00	1,208.854	35.760	-0.297
03-Jul-18 13:00:00	1,910.480	35.654	-0.105
03-Jul-18 14:00:00	2,261.903	35.547	-0.107

03-Jul-18 15:00:00	2,279.418	35.436	-0.111
03-Jul-18 16:00:00	2,584.369	35.323	-0.113
03-Jul-18 17:00:00	2,271.100	35.215	-0.108
03-Jul-18 18:00:00	2,599.379	35.112	-0.103
03-Jul-18 19:00:00	2,120.450	34.670	-0.442
03-Jul-18 20:00:00	2,630.166	34.542	-0.128
03-Jul-18 21:00:00	2,164.335	34.428	-0.114
03-Jul-18 22:00:00	2,211.657	34.318	-0.110
03-Jul-18 23:00:00	2,062.088	34.216	-0.102
04-Jul-18 00:00:00	2,045.380	33.864	-0.351
04-Jul-18 01:00:00	1,658.647	33.753	-0.112
04-Jul-18 02:00:00	1,968.421	33.644	-0.109
04-Jul-18 03:00:00	1,738.433	33.533	-0.111
04-Jul-18 04:00:00	1,729.073	33.445	-0.088
04-Jul-18 05:00:00	1,729.433	33.337	-0.108
04-Jul-18 06:00:00	1,381.198	33.017	-0.320
04-Jul-18 07:00:00	1,713.375	32.832	-0.185
04-Jul-18 08:00:00	1,538.752	32.722	-0.110
04-Jul-18 09:00:00	1,529.283	32.608	-0.113
04-Jul-18 10:00:00	1,966.212	32.502	-0.107
04-Jul-18 11:00:00	1,911.052	32.227	-0.275
04-Jul-18 12:00:00	1,923.440	32.108	-0.119
04-Jul-18 13:00:00	2,620.365	32.007	-0.101
04-Jul-18 14:00:00	2,423.030	31.897	-0.110
04-Jul-18 15:00:00	2,468.597	31.787	-0.110
04-Jul-18 16:00:00	2,283.540	31.690	-0.098
04-Jul-18 17:00:00	2,284.872	31.563	-0.126
04-Jul-18 18:00:00	2,766.448	31.195	-0.368
04-Jul-18 19:00:00	2,382.898	31.089	-0.106
04-Jul-18 20:00:00	2,561.982	30.996	-0.093
04-Jul-18 21:00:00	2,498.653	30.875	-0.121
04-Jul-18 22:00:00	2,339.562	30.773	-0.103
04-Jul-18 23:00:00	2,490.141	30.657	-0.116
05-Jul-18 00:00:00	2,476.328	30.322	-0.335
05-Jul-18 01:00:00	2,443.957	30.215	-0.108
05-Jul-18 02:00:00	2,274.312	30.100	-0.115
05-Jul-18 03:00:00	1,596.129	30.862	0.763
05-Jul-18 04:00:00	2,910.927	36.498	5.636
05-Jul-18 05:00:00	1,026.550	36.389	-0.109
05-Jul-18 06:00:00	1,022.771	36.292	-0.097
05-Jul-18 07:00:00	2,269.569	35.875	-0.418
05-Jul-18 08:00:00	2,180.074	35.767	-0.108
05-Jul-18 09:00:00	1,921.337	35.538	-0.229
05-Jul-18 10:00:00	1,941.157	35.239	-0.299
05-Jul-18 11:00:00	2,290.029	34.963	-0.276
05-Jul-18 12:00:00	1,968.762	34.778	-0.185
05-Jul-18 13:00:00	2,280.292	34.621	-0.157
05-Jul-18 14:00:00	2,760.141	34.049	-0.572
05-Jul-18 15:00:00	2,465.273	33.920	-0.129
05-Jul-18 16:00:00	2,811.324	33.810	-0.110
05-Jul-18 17:00:00	2,559.726	33.678	-0.132
05-Jul-18 18:00:00	2,977.608	33.491	-0.187
05-Jul-18 19:00:00	3,000.696	32.942	-0.549
05-Jul-18 20:00:00	2,961.008	32.788	-0.154
05-Jul-18 21:00:00	2,820.756	32.678	-0.110
05-Jul-18 22:00:00	2,811.550	32.546	-0.132
05-Jul-18 23:00:00	2,672.541	32.427	-0.119
06-Jul-18 00:00:00	2,546.353	32.084	-0.343
06-Jul-18 01:00:00	2,656.182	31.962	-0.122
06-Jul-18 02:00:00	2,201.595	31.842	-0.120
06-Jul-18 03:00:00	2,789.909	31.719	-0.123
06-Jul-18 04:00:00	2,736.274	31.589	-0.130
06-Jul-18 05:00:00	1,998.032	31.402	-0.187
06-Jul-18 06:00:00	2,635.580	31.116	-0.286
06-Jul-18 07:00:00	2,621.310	30.985	-0.132
06-Jul-18 08:00:00	2,202.649	30.874	-0.110
06-Jul-18 09:00:00	2,747.035	30.761	-0.114
06-Jul-18 10:00:00	2,812.732	30.468	-0.293
06-Jul-18 11:00:00	2,364.222	30.309	-0.159
06-Jul-18 12:00:00	2,703.179	30.190	-0.119
06-Jul-18 13:00:00	2,754.696	30.050	-0.141
06-Jul-18 14:00:00	1,604.603	33.804	3.755

06-Jul-18 15:00:00	3,215.607	34.272	0.468
06-Jul-18 16:00:00	3,211.674	34.162	-0.110
06-Jul-18 17:00:00	3,218.687	34.032	-0.130
06-Jul-18 18:00:00	3,214.883	33.920	-0.112
06-Jul-18 19:00:00	3,186.409	33.591	-0.329
06-Jul-18 20:00:00	2,456.263	33.458	-0.133
06-Jul-18 21:00:00	2,926.433	33.348	-0.110
06-Jul-18 22:00:00	2,579.130	33.221	-0.127
06-Jul-18 23:00:00	2,845.129	32.909	-0.312
07-Jul-18 00:00:00	2,873.820	32.799	-0.110
07-Jul-18 01:00:00	2,583.277	32.681	-0.118
07-Jul-18 02:00:00	2,858.417	32.568	-0.113
07-Jul-18 03:00:00	2,223.930	32.458	-0.110
07-Jul-18 04:00:00	2,618.059	32.080	-0.378
07-Jul-18 05:00:00	2,022.876	31.952	-0.128
07-Jul-18 06:00:00	2,452.093	31.842	-0.110
07-Jul-18 07:00:00	2,449.780	31.732	-0.110
07-Jul-18 08:00:00	2,448.841	31.622	-0.110
07-Jul-18 09:00:00	2,456.135	31.303	-0.319
07-Jul-18 10:00:00	2,463.640	31.171	-0.132
07-Jul-18 11:00:00	2,739.187	31.061	-0.110
07-Jul-18 12:00:00	2,740.277	30.929	-0.132
07-Jul-18 13:00:00	2,755.736	30.631	-0.298
07-Jul-18 14:00:00	2,917.596	30.465	-0.167
07-Jul-18 15:00:00	3,002.214	30.243	-0.221
07-Jul-18 16:00:00	1,639.522	33.187	2.943
07-Jul-18 17:00:00	3,168.647	32.980	-0.206
07-Jul-18 18:00:00	3,169.944	31.975	-1.006
07-Jul-18 19:00:00	3,236.132	31.082	-0.893
07-Jul-18 20:00:00	2,509.466	30.198	-0.883
07-Jul-18 21:00:00	1,636.846	33.867	3.669
07-Jul-18 22:00:00	3,212.745	34.175	0.308
07-Jul-18 23:00:00	3,218.042	33.856	-0.319
08-Jul-18 00:00:00	0.000	33.733	-0.123
08-Jul-18 01:00:00	3,214.660	33.562	-0.171
08-Jul-18 02:00:00	1,018.550	33.296	-0.266
08-Jul-18 03:00:00	2,612.434	33.175	-0.121
08-Jul-18 04:00:00	1,687.275	33.069	-0.106
08-Jul-18 05:00:00	1,520.359	32.849	-0.220
08-Jul-18 06:00:00	2,580.306	32.634	-0.215
08-Jul-18 07:00:00	1,710.203	32.514	-0.120
08-Jul-18 08:00:00	2,068.896	32.397	-0.117
08-Jul-18 09:00:00	1,984.682	32.272	-0.125
08-Jul-18 10:00:00	2,164.548	31.996	-0.276
08-Jul-18 11:00:00	2,240.078	31.787	-0.209
08-Jul-18 12:00:00	2,606.311	31.550	-0.237
08-Jul-18 13:00:00	2,640.385	31.259	-0.291
08-Jul-18 14:00:00	2,475.948	31.080	-0.179
08-Jul-18 15:00:00	2,475.009	30.973	-0.107
08-Jul-18 16:00:00	2,548.843	30.852	-0.121
08-Jul-18 17:00:00	2,615.439	30.571	-0.281
08-Jul-18 18:00:00	2,998.602	30.135	-0.437
08-Jul-18 19:00:00	3,162.406	32.077	1.943
08-Jul-18 20:00:00	3,295.745	31.864	-0.213
08-Jul-18 21:00:00	1,041.056	31.646	-0.218
08-Jul-18 22:00:00	3,089.383	31.193	-0.453
08-Jul-18 23:00:00	3,116.922	31.066	-0.128
09-Jul-18 00:00:00	1,635.776	31.037	-0.029
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09-Jul-18 02:00:00	1,028.691	35.064	-0.344
09-Jul-18 03:00:00	1,018.797	34.943	-0.121
09-Jul-18 04:00:00	1,014.588	34.833	-0.110
09-Jul-18 05:00:00	1,261.796	34.646	-0.187
09-Jul-18 06:00:00	2,052.755	34.448	-0.198
09-Jul-18 07:00:00	1,524.513	34.326	-0.122
09-Jul-18 08:00:00	1,778.309	34.209	-0.117
09-Jul-18 09:00:00	1,927.106	34.107	-0.102
09-Jul-18 10:00:00	1,974.785	33.886	-0.221
09-Jul-18 11:00:00	2,021.227	33.623	-0.263
09-Jul-18 12:00:00	2,593.664	33.506	-0.118
09-Jul-18 13:00:00	2,177.930	33.378	-0.128
09-Jul-18 14:00:00	2,654.377	33.271	-0.107

09-Jul-18 15:00:00	2,658.353	33.154	-0.118
09-Jul-18 16:00:00	2,398.448	33.032	-0.122
09-Jul-18 17:00:00	2,705.460	32.923	-0.109
09-Jul-18 18:00:00	2,802.370	32.634	-0.289
09-Jul-18 19:00:00	2,210.951	32.280	-0.355
09-Jul-18 20:00:00	2,910.017	32.172	-0.108
09-Jul-18 21:00:00	2,384.394	32.051	-0.121
09-Jul-18 22:00:00	1,092.976	31.919	-0.132
09-Jul-18 23:00:00	1,626.706	35.301	3.382
10-Jul-18 00:00:00	2,839.497	36.131	0.830
10-Jul-18 01:00:00	1,026.825	36.004	-0.127
10-Jul-18 02:00:00	1,027.767	35.877	-0.127
10-Jul-18 03:00:00	1,023.203	35.767	-0.111
10-Jul-18 04:00:00	1,011.346	35.646	-0.120
10-Jul-18 05:00:00	1,027.710	35.249	-0.397
10-Jul-18 06:00:00	1,019.635	35.131	-0.118
10-Jul-18 07:00:00	1,012.375	35.012	-0.119
10-Jul-18 08:00:00	1,008.298	34.735	-0.277
10-Jul-18 09:00:00	1,009.046	33.896	-0.839
10-Jul-18 10:00:00	1,006.141	32.624	-1.272
10-Jul-18 11:00:00	1,012.007	31.557	-1.068
10-Jul-18 12:00:00	2,621.429	30.521	-1.036
10-Jul-18 13:00:00	1,616.797	32.305	1.784
10-Jul-18 14:00:00	3,133.832	36.354	4.049
10-Jul-18 15:00:00	3,297.781	35.460	-0.894
10-Jul-18 16:00:00	1,478.458	35.339	-0.121
10-Jul-18 17:00:00	1,027.771	35.042	-0.297
10-Jul-18 18:00:00	3,003.089	34.146	-0.897
10-Jul-18 19:00:00	3,011.316	33.126	-1.019
10-Jul-18 20:00:00	1,247.181	32.124	-1.002
10-Jul-18 21:00:00	1,686.611	31.104	-1.020
10-Jul-18 22:00:00	2,285.331	30.079	-1.025
10-Jul-18 23:00:00	1,625.996	34.492	4.413
11-Jul-18 00:00:00	3,256.443	35.934	1.442
11-Jul-18 01:00:00	1,029.228	34.938	-0.996
11-Jul-18 02:00:00	1,029.458	33.958	-0.980
11-Jul-18 03:00:00	2,089.774	32.959	-0.999
11-Jul-18 04:00:00	2,148.257	31.964	-0.995
11-Jul-18 05:00:00	2,137.677	30.956	-1.008
11-Jul-18 06:00:00	1,625.670	30.170	-0.786
11-Jul-18 07:00:00	1,628.108	35.041	4.871
11-Jul-18 08:00:00	2,659.566	35.821	0.780
11-Jul-18 09:00:00	1,405.327	35.042	-0.778
11-Jul-18 10:00:00	1,032.409	34.906	-0.136
11-Jul-18 11:00:00	2,782.401	34.782	-0.124
11-Jul-18 12:00:00	2,740.262	34.668	-0.115
11-Jul-18 13:00:00	1,812.972	34.489	-0.179
11-Jul-18 14:00:00	1,028.591	33.613	-0.876
11-Jul-18 15:00:00	2,918.029	32.493	-1.120
11-Jul-18 16:00:00	3,009.421	31.490	-1.003
11-Jul-18 17:00:00	1,039.459	30.540	-0.950
11-Jul-18 18:00:00	2,602.455	30.248	-0.292
11-Jul-18 19:00:00	2,683.683	30.125	-0.122
11-Jul-18 20:00:00	1,630.460	33.746	3.621
11-Jul-18 21:00:00	3,273.377	34.543	0.797
11-Jul-18 22:00:00	1,031.201	34.269	-0.274
11-Jul-18 23:00:00	2,795.850	34.162	-0.107
12-Jul-18 00:00:00	1,764.128	34.030	-0.132
12-Jul-18 01:00:00	1,028.122	33.892	-0.138
12-Jul-18 02:00:00	2,799.491	33.458	-0.433
12-Jul-18 03:00:00	1,979.611	32.863	-0.596
12-Jul-18 04:00:00	2,222.058	31.894	-0.968
12-Jul-18 05:00:00	1,027.434	30.904	-0.990
12-Jul-18 06:00:00	1,022.248	30.091	-0.812
12-Jul-18 07:00:00	1,631.821	34.884	4.793
12-Jul-18 08:00:00	2,709.770	35.828	0.944
12-Jul-18 09:00:00	1,029.961	34.859	-0.969
12-Jul-18 10:00:00	2,525.713	34.002	-0.857
12-Jul-18 11:00:00	2,724.535	33.151	-0.851
12-Jul-18 12:00:00	2,454.751	32.312	-0.839
12-Jul-18 13:00:00	1,687.068	31.413	-0.899
12-Jul-18 14:00:00	2,763.444	30.583	-0.830

12-Jul-18 15:00:00	1,630.289	31.902	1.320
12-Jul-18 16:00:00	3,166.368	36.024	4.121
12-Jul-18 17:00:00	3,167.293	35.169	-0.855
12-Jul-18 18:00:00	3,077.087	34.327	-0.842
12-Jul-18 19:00:00	2,896.452	33.449	-0.878
12-Jul-18 20:00:00	1,460.547	32.744	-0.705
12-Jul-18 21:00:00	1,537.589	32.315	-0.429
12-Jul-18 22:00:00	2,559.117	32.128	-0.187
12-Jul-18 23:00:00	1,867.834	32.029	-0.099
13-Jul-18 00:00:00	1,843.439	31.840	-0.189
13-Jul-18 01:00:00	2,047.109	30.948	-0.892
13-Jul-18 02:00:00	2,124.502	30.119	-0.829
13-Jul-18 03:00:00	1,629.581	34.205	4.085
13-Jul-18 04:00:00	1,030.716	36.027	1.823
13-Jul-18 05:00:00	1,016.634	35.186	-0.841
13-Jul-18 06:00:00	1,027.141	34.641	-0.545
13-Jul-18 07:00:00	1,026.429	34.394	-0.246
13-Jul-18 08:00:00	1,024.300	34.273	-0.121
13-Jul-18 09:00:00	1,017.133	34.162	-0.111
13-Jul-18 10:00:00	2,279.147	33.837	-0.325
13-Jul-18 11:00:00	1,484.680	33.720	-0.116
13-Jul-18 12:00:00	2,333.503	33.604	-0.117
13-Jul-18 13:00:00	2,333.336	33.491	-0.113
13-Jul-18 14:00:00	2,790.661	32.844	-0.647
13-Jul-18 15:00:00	2,761.566	32.010	-0.835
13-Jul-18 16:00:00	2,132.803	31.135	-0.875
13-Jul-18 17:00:00	2,784.394	30.303	-0.832
13-Jul-18 18:00:00	1,633.135	33.361	3.058
13-Jul-18 19:00:00	3,245.552	35.426	2.065
13-Jul-18 20:00:00	3,242.088	35.138	-0.288
13-Jul-18 21:00:00	3,068.692	34.943	-0.195
13-Jul-18 22:00:00	2,104.565	34.744	-0.198
13-Jul-18 23:00:00	2,271.021	34.446	-0.299
14-Jul-18 00:00:00	3,100.091	33.624	-0.822
14-Jul-18 01:00:00	1,021.458	32.742	-0.881
14-Jul-18 02:00:00	1,334.555	31.910	-0.832
14-Jul-18 03:00:00	1,029.426	31.019	-0.891
14-Jul-18 04:00:00	1,017.002	30.197	-0.823
14-Jul-18 05:00:00	1,626.190	34.047	3.851
14-Jul-18 06:00:00	1,769.642	36.075	2.028
14-Jul-18 07:00:00	1,025.254	35.205	-0.870
14-Jul-18 08:00:00	1,024.840	34.938	-0.267
14-Jul-18 09:00:00	1,166.284	34.805	-0.132
14-Jul-18 10:00:00	1,905.124	34.689	-0.116
14-Jul-18 11:00:00	1,884.092	34.558	-0.132
14-Jul-18 12:00:00	1,408.285	34.202	-0.356
14-Jul-18 13:00:00	2,561.197	34.074	-0.128
14-Jul-18 14:00:00	2,633.271	33.945	-0.129
14-Jul-18 15:00:00	2,810.687	33.228	-0.717
14-Jul-18 16:00:00	2,849.419	32.369	-0.859
14-Jul-18 17:00:00	1,715.787	31.484	-0.886
14-Jul-18 18:00:00	3,095.363	30.910	-0.574
14-Jul-18 19:00:00	2,104.920	30.636	-0.273
14-Jul-18 20:00:00	1,593.651	31.097	0.461
14-Jul-18 21:00:00	3,185.725	34.854	3.757
14-Jul-18 22:00:00	3,300.077	33.965	-0.890
14-Jul-18 23:00:00	1,032.738	33.144	-0.821
15-Jul-18 00:00:00	3,075.993	32.278	-0.866
15-Jul-18 01:00:00	1,032.004	31.424	-0.854
15-Jul-18 02:00:00	2,919.537	30.991	-0.432
15-Jul-18 03:00:00	1,625.238	30.454	-0.537
15-Jul-18 04:00:00	1,629.432	35.408	4.953
15-Jul-18 05:00:00	1,025.338	35.793	0.386
15-Jul-18 06:00:00	1,022.115	34.901	-0.893
15-Jul-18 07:00:00	1,031.901	33.964	-0.937
15-Jul-18 08:00:00	1,028.557	33.084	-0.880
15-Jul-18 09:00:00	1,919.054	32.291	-0.793
15-Jul-18 10:00:00	1,815.911	31.419	-0.871
15-Jul-18 11:00:00	1,533.889	30.524	-0.896
15-Jul-18 12:00:00	1,627.255	32.134	1.611
15-Jul-18 13:00:00	3,100.747	36.380	4.246
15-Jul-18 14:00:00	1,025.125	35.455	-0.925

15-Jul-18 15:00:00	1,025.020	34.575	-0.880
15-Jul-18 16:00:00	1,013.605	33.628	-0.947
15-Jul-18 17:00:00	0.929	32.732	-0.896
15-Jul-18 18:00:00	0.000	31.793	-0.939
15-Jul-18 19:00:00	2,592.789	30.910	-0.882
15-Jul-18 20:00:00	1,010.596	30.524	-0.387
15-Jul-18 21:00:00	1,052.458	30.050	-0.474
15-Jul-18 22:00:00	1,622.909	33.989	3.939
15-Jul-18 23:00:00	3,224.667	35.934	1.945
16-Jul-18 00:00:00	1,034.616	34.917	-1.017
16-Jul-18 01:00:00	1,026.169	34.160	-0.757
16-Jul-18 02:00:00	2,132.281	33.575	-0.585
16-Jul-18 03:00:00	1,751.719	32.969	-0.606
16-Jul-18 04:00:00	2,072.626	32.101	-0.869
16-Jul-18 05:00:00	2,128.190	31.166	-0.935
16-Jul-18 06:00:00	2,152.431	30.857	-0.308
16-Jul-18 07:00:00	2,565.834	30.738	-0.120
16-Jul-18 08:00:00	1,836.099	30.183	-0.554
16-Jul-18 09:00:00	1,623.442	33.901	3.718
16-Jul-18 10:00:00	3,252.491	36.027	2.125
16-Jul-18 11:00:00	3,270.029	35.147	-0.880
16-Jul-18 12:00:00	1,026.634	34.247	-0.899
16-Jul-18 13:00:00	3,056.704	33.833	-0.414
16-Jul-18 14:00:00	1,036.686	33.601	-0.232
16-Jul-18 15:00:00	3,013.092	32.953	-0.648
16-Jul-18 16:00:00	3,067.644	32.036	-0.917
16-Jul-18 17:00:00	1,515.644	31.117	-0.919
16-Jul-18 18:00:00	3,009.386	30.251	-0.866
16-Jul-18 19:00:00	1,629.450	31.691	1.441
16-Jul-18 20:00:00	3,045.152	36.435	4.744
16-Jul-18 21:00:00	3,295.063	35.596	-0.839
16-Jul-18 22:00:00	1,290.584	34.723	-0.873
16-Jul-18 23:00:00	3,024.567	33.805	-0.918
17-Jul-18 00:00:00	2,233.134	32.930	-0.876
17-Jul-18 01:00:00	2,478.141	32.007	-0.922
17-Jul-18 02:00:00	1,025.876	31.144	-0.864
17-Jul-18 03:00:00	2,406.599	30.277	-0.866
17-Jul-18 04:00:00	1,622.252	31.659	1.382
17-Jul-18 05:00:00	1,625.898	36.436	4.777
17-Jul-18 06:00:00	1,025.336	35.635	-0.800
17-Jul-18 07:00:00	1,872.979	35.273	-0.363
17-Jul-18 08:00:00	1,023.676	34.980	-0.293
17-Jul-18 09:00:00	1,025.634	34.049	-0.931
17-Jul-18 10:00:00	1,021.111	33.206	-0.843
17-Jul-18 11:00:00	2,434.086	32.267	-0.939
17-Jul-18 12:00:00	2,386.090	31.248	-1.019
17-Jul-18 13:00:00	2,534.389	30.709	-0.539
17-Jul-18 14:00:00	2,994.040	30.571	-0.138
17-Jul-18 15:00:00	1,039.125	30.438	-0.134
17-Jul-18 16:00:00	1,618.781	32.707	2.269
17-Jul-18 17:00:00	3,192.042	36.286	3.579
17-Jul-18 18:00:00	3,299.555	35.376	-0.910
17-Jul-18 19:00:00	3,298.206	34.498	-0.878
17-Jul-18 20:00:00	2,035.564	34.120	-0.378
17-Jul-18 21:00:00	1,166.627	33.166	-0.953
17-Jul-18 22:00:00	3,169.961	32.236	-0.930
17-Jul-18 23:00:00	1,156.350	31.325	-0.911
18-Jul-18 00:00:00	2,962.446	30.430	-0.895
18-Jul-18 01:00:00	1,631.193	32.414	1.984
18-Jul-18 02:00:00	2,074.850	36.468	4.054
18-Jul-18 03:00:00	1,024.995	36.142	-0.325
18-Jul-18 04:00:00	1,023.757	35.255	-0.888
18-Jul-18 05:00:00	1,014.199	34.365	-0.889
18-Jul-18 06:00:00	1,013.941	33.466	-0.899
18-Jul-18 07:00:00	1,014.899	32.597	-0.869
18-Jul-18 08:00:00	1,000.149	31.678	-0.919
18-Jul-18 09:00:00	1,000.701	31.504	-0.174
18-Jul-18 10:00:00	2,521.472	31.391	-0.113
18-Jul-18 11:00:00	1,032.698	31.259	-0.131
18-Jul-18 12:00:00	2,859.869	31.138	-0.121
18-Jul-18 13:00:00	2,769.016	30.921	-0.217
18-Jul-18 14:00:00	2,093.128	30.142	-0.779

18-Jul-18 15:00:00	1,629.648	34.210	4.068
18-Jul-18 16:00:00	3,261.418	36.343	2.133
18-Jul-18 17:00:00	3,294.004	36.097	-0.246
18-Jul-18 18:00:00	1,029.765	35.807	-0.290
18-Jul-18 19:00:00	3,158.925	34.838	-0.969
18-Jul-18 20:00:00	1,027.504	33.948	-0.890
18-Jul-18 21:00:00	2,958.547	33.121	-0.827
18-Jul-18 22:00:00	1,354.081	32.533	-0.587
18-Jul-18 23:00:00	2,475.565	31.615	-0.918
19-Jul-18 00:00:00	2,409.376	30.712	-0.903
19-Jul-18 01:00:00	1,623.790	31.289	0.576
19-Jul-18 02:00:00	1,628.482	36.130	4.842
19-Jul-18 03:00:00	0.000	35.646	-0.484
19-Jul-18 04:00:00	3,004.733	34.813	-0.834
19-Jul-18 05:00:00	1,021.298	33.896	-0.917
19-Jul-18 06:00:00	0.000	33.055	-0.841
19-Jul-18 07:00:00	2,890.879	32.331	-0.724
19-Jul-18 08:00:00	1,026.573	32.139	-0.193
19-Jul-18 09:00:00	0.000	31.334	-0.805
19-Jul-18 10:00:00	3,127.636	30.478	-0.856
19-Jul-18 11:00:00	1,627.411	32.538	2.060
19-Jul-18 12:00:00	1,028.811	36.325	3.786
19-Jul-18 13:00:00	0.000	35.418	-0.906
19-Jul-18 14:00:00	1,020.250	34.560	-0.858
19-Jul-18 15:00:00	1,019.132	33.654	-0.906
19-Jul-18 16:00:00	1,002.962	32.782	-0.872
19-Jul-18 17:00:00	1,005.226	31.895	-0.887
19-Jul-18 18:00:00	0.126	31.385	-0.510
19-Jul-18 19:00:00	0.000	30.518	-0.868
19-Jul-18 20:00:00	1,627.803	32.109	1.591
19-Jul-18 21:00:00	1,108.699	36.395	4.286
19-Jul-18 22:00:00	1,016.507	35.600	-0.796
19-Jul-18 23:00:00	1,006.583	34.754	-0.845
20-Jul-18 00:00:00	0.000	33.836	-0.918
20-Jul-18 01:00:00	3,108.752	33.002	-0.834
20-Jul-18 02:00:00	1,021.576	32.356	-0.647
20-Jul-18 03:00:00	0.000	31.823	-0.533
20-Jul-18 04:00:00	1,021.480	30.813	-1.009
20-Jul-18 05:00:00	1,626.805	30.984	0.171
20-Jul-18 06:00:00	1,625.898	35.936	4.952
20-Jul-18 07:00:00	0.000	36.291	0.355
20-Jul-18 08:00:00	2,008.345	36.171	-0.120
20-Jul-18 09:00:00	1,025.361	35.527	-0.644
20-Jul-18 10:00:00	1,027.309	34.673	-0.854
20-Jul-18 11:00:00	0.000	34.261	-0.412
20-Jul-18 12:00:00	2,927.747	33.654	-0.608
20-Jul-18 13:00:00	1,023.451	32.685	-0.969
20-Jul-18 14:00:00	3,191.448	31.797	-0.888
20-Jul-18 15:00:00	1,016.987	30.919	-0.878
20-Jul-18 16:00:00	1,025.388	30.066	-0.853
20-Jul-18 17:00:00	1,635.482	34.961	4.895
20-Jul-18 18:00:00	0.000	35.856	0.895
20-Jul-18 19:00:00	1,036.488	35.030	-0.826
20-Jul-18 20:00:00	1,018.298	34.119	-0.911
20-Jul-18 21:00:00	1,002.597	33.277	-0.841
20-Jul-18 22:00:00	998.952	32.406	-0.871
20-Jul-18 23:00:00	1,005.308	31.544	-0.862
21-Jul-18 00:00:00	0.000	30.649	-0.896
21-Jul-18 01:00:00	1,628.255	31.402	0.753
21-Jul-18 02:00:00	1,629.435	36.189	4.787
21-Jul-18 03:00:00	1,028.815	35.695	-0.494
21-Jul-18 04:00:00	0.000	34.827	-0.869
21-Jul-18 05:00:00	3,097.451	33.978	-0.849
21-Jul-18 06:00:00	1,029.632	33.086	-0.892
21-Jul-18 07:00:00	0.000	32.257	-0.830
21-Jul-18 08:00:00	88.855	31.856	-0.401
21-Jul-18 09:00:00	1,024.091	31.208	-0.648
21-Jul-18 10:00:00	0.000	30.310	-0.898
21-Jul-18 11:00:00	1,630.643	33.100	2.790
21-Jul-18 12:00:00	0.000	36.243	3.143
21-Jul-18 13:00:00	0.000	35.417	-0.826
21-Jul-18 14:00:00	3,080.155	35.022	-0.395

21-Jul-18 15:00:00	1,023.142	34.343	-0.679
21-Jul-18 16:00:00	0.000	33.431	-0.912
21-Jul-18 17:00:00	2,772.581	32.605	-0.826
21-Jul-18 18:00:00	1,015.016	31.710	-0.895
21-Jul-18 19:00:00	1,006.097	31.052	-0.659
21-Jul-18 20:00:00	2,722.509	30.169	-0.882
21-Jul-18 21:00:00	1,633.829	34.039	3.870
21-Jul-18 22:00:00	3,246.512	36.070	2.031
21-Jul-18 23:00:00	2,005.034	35.250	-0.820
22-Jul-18 00:00:00	2,843.774	34.371	-0.879
22-Jul-18 01:00:00	2,813.621	33.522	-0.849
22-Jul-18 02:00:00	1,045.776	32.639	-0.883
22-Jul-18 03:00:00	1,792.635	31.793	-0.845
22-Jul-18 04:00:00	2,381.684	30.920	-0.873
22-Jul-18 05:00:00	1,024.150	30.120	-0.800
22-Jul-18 06:00:00	1,635.583	34.235	4.114
22-Jul-18 07:00:00	3,178.849	36.427	2.192
22-Jul-18 08:00:00	1,023.833	36.123	-0.304
22-Jul-18 09:00:00	2,770.151	35.262	-0.861
22-Jul-18 10:00:00	1,030.049	34.412	-0.850
22-Jul-18 11:00:00	2,999.048	33.561	-0.851
22-Jul-18 12:00:00	1,344.100	32.699	-0.862
22-Jul-18 13:00:00	2,905.183	32.282	-0.417
22-Jul-18 14:00:00	3,027.041	31.463	-0.819
22-Jul-18 15:00:00	3,060.932	30.623	-0.840
22-Jul-18 16:00:00	1,635.000	31.773	1.150
22-Jul-18 17:00:00	2,954.402	36.456	4.682
22-Jul-18 18:00:00	3,290.317	36.080	-0.376
22-Jul-18 19:00:00	3,312.269	35.074	-1.006
22-Jul-18 20:00:00	3,321.504	34.190	-0.884
22-Jul-18 21:00:00	3,316.288	33.298	-0.892
22-Jul-18 22:00:00	1,036.686	32.431	-0.867
22-Jul-18 23:00:00	3,208.899	31.564	-0.867
23-Jul-18 00:00:00	2,032.554	30.698	-0.866
23-Jul-18 01:00:00	1,631.662	31.037	0.339
23-Jul-18 02:00:00	1,631.800	36.014	4.977
23-Jul-18 03:00:00	3,298.596	36.262	0.249
23-Jul-18 04:00:00	2,681.504	35.528	-0.734
23-Jul-18 05:00:00	1,450.862	34.717	-0.810
23-Jul-18 06:00:00	1,983.301	33.837	-0.881
23-Jul-18 07:00:00	3,076.679	32.997	-0.839
23-Jul-18 08:00:00	1,028.489	32.143	-0.854
23-Jul-18 09:00:00	2,881.642	31.320	-0.823
23-Jul-18 10:00:00	3,139.022	30.937	-0.384
23-Jul-18 11:00:00	1,644.794	30.156	-0.780
23-Jul-18 12:00:00	1,639.956	34.183	4.027
23-Jul-18 13:00:00	3,263.243	36.055	1.872
23-Jul-18 14:00:00	3,308.977	35.171	-0.884
23-Jul-18 15:00:00	3,320.269	34.323	-0.848
23-Jul-18 16:00:00	3,324.877	33.450	-0.874
23-Jul-18 17:00:00	3,324.163	32.556	-0.893
23-Jul-18 18:00:00	3,325.516	31.777	-0.779
23-Jul-18 19:00:00	3,246.080	30.887	-0.890
23-Jul-18 20:00:00	2,460.938	30.077	-0.810
23-Jul-18 21:00:00	1,645.382	34.608	4.531
23-Jul-18 22:00:00	3,249.114	34.917	0.309
23-Jul-18 23:00:00	3,246.978	34.040	-0.876
24-Jul-18 00:00:00	3,249.759	33.128	-0.912
24-Jul-18 01:00:00	3,288.034	32.302	-0.826
24-Jul-18 02:00:00	3,075.284	31.421	-0.881
24-Jul-18 03:00:00	1,636.233	34.793	3.372
24-Jul-18 04:00:00	3,243.831	35.948	1.156
24-Jul-18 05:00:00	1,021.972	35.089	-0.859
24-Jul-18 06:00:00	3,024.804	34.237	-0.853
24-Jul-18 07:00:00	1,031.091	33.373	-0.864
24-Jul-18 08:00:00	3,187.097	36.328	2.956
24-Jul-18 09:00:00	1,017.692	35.438	-0.890
24-Jul-18 10:00:00	3,201.113	34.611	-0.828
24-Jul-18 11:00:00	2,033.675	33.841	-0.769
24-Jul-18 12:00:00	3,260.319	33.556	-0.285
24-Jul-18 13:00:00	3,268.824	32.773	-0.783
24-Jul-18 14:00:00	2,770.718	31.855	-0.918

24-Jul-18 15:00:00	3,044.682	30.902	-0.953
24-Jul-18 16:00:00	3,248.811	30.071	-0.831
24-Jul-18 17:00:00	1,614.637	35.016	4.945
24-Jul-18 18:00:00	3,275.931	35.884	0.868
24-Jul-18 19:00:00	3,308.660	35.041	-0.843
24-Jul-18 20:00:00	3,317.451	34.195	-0.846
24-Jul-18 21:00:00	3,323.937	33.318	-0.877
24-Jul-18 22:00:00	3,063.358	32.510	-0.808
24-Jul-18 23:00:00	2,770.844	31.586	-0.924
25-Jul-18 00:00:00	3,135.250	30.903	-0.683
25-Jul-18 01:00:00	2,988.223	30.039	-0.864
25-Jul-18 02:00:00	1,633.662	34.747	4.708
25-Jul-18 03:00:00	3,268.074	35.952	1.205
25-Jul-18 04:00:00	2,202.831	35.086	-0.866
25-Jul-18 05:00:00	1,056.605	34.250	-0.836
25-Jul-18 06:00:00	2,649.095	33.374	-0.876
25-Jul-18 07:00:00	2,821.796	32.523	-0.851
25-Jul-18 08:00:00	1,092.454	31.660	-0.863
25-Jul-18 09:00:00	2,828.012	30.801	-0.859
25-Jul-18 10:00:00	1,033.151	30.130	-0.671
25-Jul-18 11:00:00	1,628.787	32.868	2.738
25-Jul-18 12:00:00	3,241.510	35.487	2.619
25-Jul-18 13:00:00	3,304.629	34.605	-0.881
25-Jul-18 14:00:00	3,268.080	33.802	-0.803
25-Jul-18 15:00:00	1,712.792	32.945	-0.857
25-Jul-18 16:00:00	3,263.884	32.093	-0.852
25-Jul-18 17:00:00	3,190.763	31.233	-0.860
25-Jul-18 18:00:00	2,987.729	30.363	-0.870
25-Jul-18 19:00:00	1,607.970	32.964	2.601
25-Jul-18 20:00:00	3,243.823	36.022	3.057
25-Jul-18 21:00:00	3,241.475	35.146	-0.876
25-Jul-18 22:00:00	3,256.143	34.316	-0.830
25-Jul-18 23:00:00	3,305.539	33.438	-0.878
26-Jul-18 00:00:00	3,248.131	32.559	-0.879
26-Jul-18 01:00:00	1,021.033	31.805	-0.754
26-Jul-18 02:00:00	2,928.343	31.069	-0.736
26-Jul-18 03:00:00	1,027.458	30.194	-0.874
26-Jul-18 04:00:00	1,632.488	33.779	3.585
26-Jul-18 05:00:00	3,234.940	36.139	2.360
26-Jul-18 06:00:00	1,021.508	35.798	-0.340
26-Jul-18 07:00:00	1,423.888	35.688	-0.111
26-Jul-18 08:00:00	2,561.891	35.431	-0.257
26-Jul-18 09:00:00	1,024.327	35.328	-0.103
26-Jul-18 10:00:00	2,926.940	34.538	-0.790
26-Jul-18 11:00:00	2,540.918	33.607	-0.931
26-Jul-18 12:00:00	2,752.335	32.690	-0.917
26-Jul-18 13:00:00	1,338.496	31.737	-0.953
26-Jul-18 14:00:00	0.000	30.784	-0.954
26-Jul-18 15:00:00	1,036.420	31.067	0.283
26-Jul-18 16:00:00	0.000	36.414	5.346
26-Jul-18 17:00:00	3,093.351	35.454	-0.960
26-Jul-18 18:00:00	1,346.015	34.600	-0.854
26-Jul-18 19:00:00	2,226.299	33.647	-0.953
26-Jul-18 20:00:00	3,219.163	32.657	-0.990
26-Jul-18 21:00:00	1,022.467	31.698	-0.959
26-Jul-18 22:00:00	3,191.966	30.743	-0.955
26-Jul-18 23:00:00	1,634.284	31.174	0.432
27-Jul-18 00:00:00	1,636.229	36.030	4.855
27-Jul-18 01:00:00	3,273.757	35.600	-0.430
27-Jul-18 02:00:00	1,026.116	34.652	-0.948
27-Jul-18 03:00:00	2,482.567	33.680	-0.972
27-Jul-18 04:00:00	1,027.599	32.723	-0.957
27-Jul-18 05:00:00	1,838.188	31.533	-1.191
27-Jul-18 06:00:00	2,608.826	30.552	-0.981
27-Jul-18 07:00:00	1,635.698	34.471	3.919
27-Jul-18 08:00:00	3,259.041	35.933	1.463
27-Jul-18 09:00:00	1,022.523	34.962	-0.971
27-Jul-18 10:00:00	1,023.047	33.985	-0.977
27-Jul-18 11:00:00	2,620.250	33.031	-0.954
27-Jul-18 12:00:00	1,030.139	32.041	-0.990
27-Jul-18 13:00:00	3,176.173	31.090	-0.951
27-Jul-18 14:00:00	3,042.069	30.070	-1.020

27-Jul-18 15:00:00	1,641.799	34.449	4.379
27-Jul-18 16:00:00	3,264.606	35.962	1.512
27-Jul-18 17:00:00	3,303.301	34.972	-0.990
27-Jul-18 18:00:00	3,314.718	34.025	-0.947
27-Jul-18 19:00:00	3,139.416	33.024	-1.001
27-Jul-18 20:00:00	1,492.441	32.079	-0.945
27-Jul-18 21:00:00	3,212.344	31.069	-1.010
27-Jul-18 22:00:00	1,025.451	30.137	-0.932
27-Jul-18 23:00:00	1,640.068	34.134	3.997
28-Jul-18 00:00:00	0.000	35.969	1.834
28-Jul-18 01:00:00	0.000	34.988	-0.981
28-Jul-18 02:00:00	0.000	34.029	-0.959
28-Jul-18 03:00:00	0.000	33.038	-0.991
28-Jul-18 04:00:00	0.000	32.082	-0.956
28-Jul-18 05:00:00	2,483.949	31.578	-0.504
28-Jul-18 06:00:00	1,035.386	30.694	-0.884
28-Jul-18 07:00:00	1,624.681	31.708	1.014
28-Jul-18 08:00:00	2,717.861	36.460	4.753
28-Jul-18 09:00:00	1,027.156	35.350	-1.111
28-Jul-18 10:00:00	1,017.885	34.344	-1.006
28-Jul-18 11:00:00	1,024.609	33.501	-0.843
28-Jul-18 12:00:00	1,019.799	32.564	-0.937
28-Jul-18 13:00:00	1,445.147	31.698	-0.866
28-Jul-18 14:00:00	2,935.609	30.706	-0.991
28-Jul-18 15:00:00	1,629.910	31.058	0.351
28-Jul-18 16:00:00	1,631.567	35.947	4.890
28-Jul-18 17:00:00	3,284.524	36.001	0.054
28-Jul-18 18:00:00	3,302.368	35.097	-0.904
28-Jul-18 19:00:00	2,854.301	34.112	-0.985
28-Jul-18 20:00:00	3,002.606	33.142	-0.970
28-Jul-18 21:00:00	3,016.073	32.223	-0.919
28-Jul-18 22:00:00	2,041.090	31.325	-0.898
28-Jul-18 23:00:00	2,937.448	30.413	-0.912
29-Jul-18 00:00:00	1,639.052	32.619	2.206
29-Jul-18 01:00:00	3,173.585	36.314	3.695
29-Jul-18 02:00:00	1,023.926	35.451	-0.864
29-Jul-18 03:00:00	1,018.168	34.472	-0.978
29-Jul-18 04:00:00	2,445.949	33.505	-0.967
29-Jul-18 05:00:00	2,036.357	32.546	-0.959
29-Jul-18 06:00:00	1,420.556	31.620	-0.926
29-Jul-18 07:00:00	2,588.994	31.352	-0.268
29-Jul-18 08:00:00	1,736.594	30.444	-0.908
29-Jul-18 09:00:00	1,627.271	32.485	2.042
29-Jul-18 10:00:00	3,155.525	36.356	3.871
29-Jul-18 11:00:00	2,939.180	35.480	-0.877
29-Jul-18 12:00:00	1,025.211	34.567	-0.912
29-Jul-18 13:00:00	2,804.722	33.649	-0.918
29-Jul-18 14:00:00	2,430.023	32.722	-0.927
29-Jul-18 15:00:00	2,730.016	31.795	-0.927
29-Jul-18 16:00:00	2,986.053	30.928	-0.867
29-Jul-18 17:00:00	2,848.694	30.073	-0.855
29-Jul-18 18:00:00	1,636.901	35.458	5.385
29-Jul-18 19:00:00	3,277.383	36.405	0.947
29-Jul-18 20:00:00	3,303.463	36.262	-0.143
29-Jul-18 21:00:00	2,829.922	35.684	-0.578
29-Jul-18 22:00:00	1,226.816	34.760	-0.924
29-Jul-18 23:00:00	3,050.515	33.625	-1.135
30-Jul-18 00:00:00	1,021.403	32.755	-0.870
30-Jul-18 01:00:00	2,940.762	31.811	-0.944
30-Jul-18 02:00:00	1,022.576	30.916	-0.894
30-Jul-18 03:00:00	1,948.206	30.083	-0.833
30-Jul-18 04:00:00	1,633.634	34.936	4.853
30-Jul-18 05:00:00	1,029.908	36.416	1.480
30-Jul-18 06:00:00	1,027.727	35.851	-0.565
30-Jul-18 07:00:00	1,028.526	34.992	-0.859
30-Jul-18 08:00:00	1,022.442	34.034	-0.958
30-Jul-18 09:00:00	2,234.726	33.255	-0.779
30-Jul-18 10:00:00	2,488.423	33.128	-0.127
30-Jul-18 11:00:00	2,484.390	33.014	-0.114
30-Jul-18 12:00:00	2,488.309	32.414	-0.600
30-Jul-18 13:00:00	2,726.059	31.558	-0.855
30-Jul-18 14:00:00	2,892.288	30.629	-0.930

30-Jul-18 15:00:00	1,630.828	30.662	0.033	
30-Jul-18 16:00:00	1,635.673	35.582	4.920	
30-Jul-18 17:00:00	3,275.810	35.269	-0.313	
30-Jul-18 18:00:00	3,311.140	34.368	-0.901	
30-Jul-18 19:00:00	3,311.202	33.691	-0.677	
30-Jul-18 20:00:00	1,063.608	33.568	-0.123	
30-Jul-18 21:00:00	3,238.083	33.433	-0.135	
30-Jul-18 22:00:00	1,259.791	32.649	-0.784	
30-Jul-18 23:00:00	3,087.234	31.764	-0.884	
31-Jul-18 00:00:00	1,027.641	30.826	-0.939	
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	1,484,537.607		327.010	
	89,072,256.406		4,967,246.255	94,039,503 Gallons
				6190716.775

BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01
BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01
BLYPI100
1h
8/1/2018 0:00

8/31/2018 0:00

85,206,933.67 Gallons

	Circ Water Makeup Flow	Raw Water Tank Level	
01-Aug-18 00:00:00	1,636.551	35.808	
01-Aug-18 01:00:00	3,258.544	36.119	0.311
01-Aug-18 02:00:00	1,022.509	35.682	-0.437
01-Aug-18 03:00:00	1,014.488	34.775	-0.908
01-Aug-18 04:00:00	2,738.417	33.857	-0.918
01-Aug-18 05:00:00	1,030.939	32.973	-0.883
01-Aug-18 06:00:00	2,514.107	32.329	-0.644
01-Aug-18 07:00:00	2,266.997	32.058	-0.271
01-Aug-18 08:00:00	1,633.256	36.185	4.127
01-Aug-18 09:00:00	1,033.288	36.379	0.194
01-Aug-18 10:00:00	2,115.409	36.257	-0.122
01-Aug-18 11:00:00	2,363.664	35.469	-0.788
01-Aug-18 12:00:00	2,991.488	34.553	-0.916
01-Aug-18 13:00:00	3,076.809	33.623	-0.930
01-Aug-18 14:00:00	2,593.562	32.854	-0.770
01-Aug-18 15:00:00	2,543.451	32.717	-0.137
01-Aug-18 16:00:00	3,113.463	32.591	-0.126
01-Aug-18 17:00:00	3,116.076	32.460	-0.132
01-Aug-18 18:00:00	2,552.854	31.856	-0.603
01-Aug-18 19:00:00	3,095.375	30.971	-0.886
01-Aug-18 20:00:00	3,211.664	30.065	-0.905
01-Aug-18 21:00:00	1,610.975	35.278	5.213
01-Aug-18 22:00:00	3,274.845	36.371	1.093
01-Aug-18 23:00:00	3,301.060	36.206	-0.165
02-Aug-18 00:00:00	1,032.259	36.019	-0.187
02-Aug-18 01:00:00	2,900.600	35.007	-1.012
02-Aug-18 02:00:00	1,030.156	34.144	-0.864
02-Aug-18 03:00:00	1,026.413	33.202	-0.942
02-Aug-18 04:00:00	1,024.877	32.335	-0.867
02-Aug-18 05:00:00	1,020.044	31.415	-0.920
02-Aug-18 06:00:00	1,025.552	30.548	-0.868
02-Aug-18 07:00:00	1,631.832	32.050	1.503
02-Aug-18 08:00:00	1,930.820	36.395	4.344
02-Aug-18 09:00:00	1,023.430	35.487	-0.907
02-Aug-18 10:00:00	1,021.459	34.712	-0.776
02-Aug-18 11:00:00	1,031.222	34.278	-0.434
02-Aug-18 12:00:00	1,018.585	33.496	-0.782
02-Aug-18 13:00:00	2,731.464	32.515	-0.981
02-Aug-18 14:00:00	2,732.885	31.584	-0.931
02-Aug-18 15:00:00	2,419.007	31.081	-0.503
02-Aug-18 16:00:00	3,175.468	30.733	-0.348
02-Aug-18 17:00:00	3,232.000	30.600	-0.134
02-Aug-18 18:00:00	3,155.807	30.402	-0.197
02-Aug-18 19:00:00	1,632.091	33.069	2.667
02-Aug-18 20:00:00	3,212.157	36.246	3.177
02-Aug-18 21:00:00	3,297.265	35.325	-0.921
02-Aug-18 22:00:00	3,220.868	34.388	-0.937
02-Aug-18 23:00:00	1,026.815	33.508	-0.880
03-Aug-18 00:00:00	2,950.105	32.606	-0.902
03-Aug-18 01:00:00	2,080.882	31.937	-0.669
03-Aug-18 02:00:00	1,031.482	31.247	-0.690
03-Aug-18 03:00:00	3,064.805	30.355	-0.892
03-Aug-18 04:00:00	1,636.702	33.139	2.783
03-Aug-18 05:00:00	3,220.122	36.234	3.095
03-Aug-18 06:00:00	2,125.562	35.316	-0.918
03-Aug-18 07:00:00	1,024.733	34.440	-0.876
03-Aug-18 08:00:00	1,032.922	36.078	1.638
03-Aug-18 09:00:00	1,028.974	35.401	-0.676
03-Aug-18 10:00:00	1,025.950	34.723	-0.679
03-Aug-18 11:00:00	1,033.811	33.866	-0.856
03-Aug-18 12:00:00	1,010.149	32.793	-1.073
03-Aug-18 13:00:00	1,015.563	31.914	-0.879
03-Aug-18 14:00:00	3,236.173	31.787	-0.127
03-Aug-18 15:00:00	3,197.538	31.677	-0.110
03-Aug-18 16:00:00	2,984.043	31.534	-0.143
03-Aug-18 17:00:00	2,745.261	31.323	-0.211
03-Aug-18 18:00:00	3,250.525	30.359	-0.964
03-Aug-18 19:00:00	1,607.029	32.954	2.594

03-Aug-18 20:00:00	3,231.722	35.954	3.000
03-Aug-18 21:00:00	3,291.218	35.023	-0.931
03-Aug-18 22:00:00	3,311.090	34.162	-0.861
03-Aug-18 23:00:00	3,243.525	33.065	-1.097
04-Aug-18 00:00:00	1,019.073	31.932	-1.133
04-Aug-18 01:00:00	2,880.081	30.930	-1.002
04-Aug-18 02:00:00	1,623.876	30.094	-0.835
04-Aug-18 03:00:00	1,628.335	35.042	4.948
04-Aug-18 04:00:00	3,200.283	35.833	0.790
04-Aug-18 05:00:00	1,025.515	34.970	-0.863
04-Aug-18 06:00:00	1,388.032	34.390	-0.580
04-Aug-18 07:00:00	3,226.734	36.454	2.064
04-Aug-18 08:00:00	1,271.863	36.337	-0.117
04-Aug-18 09:00:00	1,028.629	36.196	-0.140
04-Aug-18 10:00:00	2,890.720	36.015	-0.181
04-Aug-18 11:00:00	1,916.502	36.294	0.278
04-Aug-18 12:00:00	1,044.797	35.296	-0.997
04-Aug-18 13:00:00	2,841.968	34.599	-0.698
04-Aug-18 14:00:00	2,260.971	33.654	-0.945
04-Aug-18 15:00:00	2,920.989	32.750	-0.904
04-Aug-18 16:00:00	3,183.154	31.846	-0.904
04-Aug-18 17:00:00	3,178.526	30.903	-0.942
04-Aug-18 18:00:00	2,754.985	30.065	-0.839
04-Aug-18 19:00:00	1,633.581	34.791	4.726
04-Aug-18 20:00:00	3,262.518	35.925	1.134
04-Aug-18 21:00:00	3,302.632	35.015	-0.910
04-Aug-18 22:00:00	3,314.151	34.116	-0.898
04-Aug-18 23:00:00	1,031.421	33.217	-0.899
05-Aug-18 00:00:00	3,065.854	32.296	-0.921
05-Aug-18 01:00:00	1,685.010	31.444	-0.852
05-Aug-18 02:00:00	2,955.586	30.524	-0.920
05-Aug-18 03:00:00	1,623.814	32.086	1.562
05-Aug-18 04:00:00	3,070.136	36.393	4.307
05-Aug-18 05:00:00	2,870.899	35.359	-1.033
05-Aug-18 06:00:00	1,021.946	34.134	-1.225
05-Aug-18 07:00:00	2,251.514	33.259	-0.875
05-Aug-18 08:00:00	1,938.852	32.337	-0.922
05-Aug-18 09:00:00	2,731.621	31.471	-0.866
05-Aug-18 10:00:00	2,024.723	30.975	-0.496
05-Aug-18 11:00:00	2,988.927	30.874	-0.100
05-Aug-18 12:00:00	2,183.565	30.216	-0.658
05-Aug-18 13:00:00	1,630.014	33.847	3.631
05-Aug-18 14:00:00	3,241.377	36.116	2.269
05-Aug-18 15:00:00	3,299.022	35.242	-0.875
05-Aug-18 16:00:00	3,306.207	34.329	-0.913
05-Aug-18 17:00:00	2,957.991	33.416	-0.913
05-Aug-18 18:00:00	2,945.436	32.547	-0.869
05-Aug-18 19:00:00	3,256.493	31.615	-0.932
05-Aug-18 20:00:00	3,261.081	30.747	-0.868
05-Aug-18 21:00:00	1,590.043	31.180	0.434
05-Aug-18 22:00:00	3,134.717	36.426	5.246
05-Aug-18 23:00:00	3,313.092	35.707	-0.719
06-Aug-18 00:00:00	2,246.918	35.094	-0.613
06-Aug-18 01:00:00	1,020.128	34.142	-0.951
06-Aug-18 02:00:00	1,030.870	33.171	-0.972
06-Aug-18 03:00:00	2,644.482	32.166	-1.004
06-Aug-18 04:00:00	1,025.695	31.146	-1.020
06-Aug-18 05:00:00	2,813.274	30.128	-1.019
06-Aug-18 06:00:00	1,591.621	34.983	4.855
06-Aug-18 07:00:00	3,307.585	35.746	0.764
06-Aug-18 08:00:00	1,029.440	35.211	-0.535
06-Aug-18 09:00:00	1,024.304	35.006	-0.206
06-Aug-18 10:00:00	3,073.592	34.650	-0.355
06-Aug-18 11:00:00	1,028.950	33.548	-1.103
06-Aug-18 12:00:00	3,133.539	32.359	-1.188
06-Aug-18 13:00:00	1,806.775	31.315	-1.044
06-Aug-18 14:00:00	3,232.753	30.283	-1.032
06-Aug-18 15:00:00	1,585.042	34.158	3.875
06-Aug-18 16:00:00	3,304.496	36.406	2.248
06-Aug-18 17:00:00	3,320.269	35.840	-0.566
06-Aug-18 18:00:00	3,325.855	34.767	-1.073
06-Aug-18 19:00:00	3,319.415	33.743	-1.024
06-Aug-18 20:00:00	1,017.429	32.754	-0.989
06-Aug-18 21:00:00	3,255.438	31.725	-1.029
06-Aug-18 22:00:00	3,015.483	30.716	-1.009
06-Aug-18 23:00:00	1,596.748	31.751	1.035
07-Aug-18 00:00:00	3,198.304	36.419	4.667
07-Aug-18 01:00:00	3,321.146	36.259	-0.160

07-Aug-18 02:00:00	1,042.635	35.380	-0.878
07-Aug-18 03:00:00	2,735.244	34.403	-0.977
07-Aug-18 04:00:00	1,029.497	33.397	-1.006
07-Aug-18 05:00:00	1,030.016	32.496	-0.901
07-Aug-18 06:00:00	1,659.853	32.138	-0.358
07-Aug-18 07:00:00	2,264.643	32.025	-0.114
07-Aug-18 08:00:00	2,262.361	31.478	-0.546
07-Aug-18 09:00:00	1,593.478	30.379	-1.099
07-Aug-18 10:00:00	1,594.917	33.721	3.341
07-Aug-18 11:00:00	3,278.838	35.981	2.260
07-Aug-18 12:00:00	1,024.578	34.951	-1.030
07-Aug-18 13:00:00	3,144.549	34.563	-0.388
07-Aug-18 14:00:00	3,266.637	34.437	-0.126
07-Aug-18 15:00:00	2,311.345	33.828	-0.609
07-Aug-18 16:00:00	3,186.757	32.797	-1.031
07-Aug-18 17:00:00	3,196.912	31.795	-1.002
07-Aug-18 18:00:00	1,028.906	30.746	-1.050
07-Aug-18 19:00:00	1,592.379	32.289	1.544
07-Aug-18 20:00:00	3,274.338	35.906	3.617
07-Aug-18 21:00:00	3,321.791	35.550	-0.357
07-Aug-18 22:00:00	3,326.182	34.462	-1.088
07-Aug-18 23:00:00	1,018.149	33.443	-1.019
08-Aug-18 00:00:00	1,307.817	32.432	-1.010
08-Aug-18 01:00:00	2,991.920	31.430	-1.003
08-Aug-18 02:00:00	1,033.895	30.421	-1.008
08-Aug-18 03:00:00	1,596.497	33.428	3.007
08-Aug-18 04:00:00	1,028.125	36.178	2.750
08-Aug-18 05:00:00	2,312.951	36.086	-0.092
08-Aug-18 06:00:00	1,236.945	35.274	-0.812
08-Aug-18 07:00:00	2,238.118	34.335	-0.939
08-Aug-18 08:00:00	1,625.843	33.359	-0.976
08-Aug-18 09:00:00	1,626.405	32.364	-0.995
08-Aug-18 10:00:00	2,286.758	31.341	-1.023
08-Aug-18 11:00:00	2,593.958	31.025	-0.316
08-Aug-18 12:00:00	2,927.351	30.874	-0.151
08-Aug-18 13:00:00	1,827.155	30.080	-0.795
08-Aug-18 14:00:00	1,602.671	35.764	5.684
08-Aug-18 15:00:00	3,313.053	35.611	-0.153
08-Aug-18 16:00:00	3,316.565	34.542	-1.069
08-Aug-18 17:00:00	2,229.809	33.686	-0.856
08-Aug-18 18:00:00	3,235.982	33.533	-0.153
08-Aug-18 19:00:00	1,602.232	35.209	1.675
08-Aug-18 20:00:00	3,292.952	35.755	0.546
08-Aug-18 21:00:00	1,087.231	34.740	-1.015
08-Aug-18 22:00:00	2,853.194	34.140	-0.600
08-Aug-18 23:00:00	3,221.850	33.982	-0.158
09-Aug-18 00:00:00	1,029.868	33.826	-0.156
09-Aug-18 01:00:00	2,782.445	32.817	-1.009
09-Aug-18 02:00:00	2,188.514	31.832	-0.985
09-Aug-18 03:00:00	1,025.215	30.804	-1.029
09-Aug-18 04:00:00	1,588.177	31.165	0.362
09-Aug-18 05:00:00	3,168.750	36.425	5.260
09-Aug-18 06:00:00	1,033.298	35.472	-0.953
09-Aug-18 07:00:00	1,027.754	34.337	-1.135
09-Aug-18 08:00:00	2,449.764	33.267	-1.070
09-Aug-18 09:00:00	1,829.844	32.735	-0.533
09-Aug-18 10:00:00	1,835.811	31.793	-0.941
09-Aug-18 11:00:00	2,380.216	30.865	-0.928
09-Aug-18 12:00:00	2,383.831	30.446	-0.419
09-Aug-18 13:00:00	1,594.093	32.656	2.210
09-Aug-18 14:00:00	3,258.997	36.159	3.503
09-Aug-18 15:00:00	3,321.495	35.144	-1.015
09-Aug-18 16:00:00	2,516.478	34.118	-1.026
09-Aug-18 17:00:00	3,221.255	33.102	-1.016
09-Aug-18 18:00:00	1,024.245	32.095	-1.007
09-Aug-18 19:00:00	3,152.787	36.482	4.387
09-Aug-18 20:00:00	3,311.997	36.309	-0.173
09-Aug-18 21:00:00	1,984.009	36.152	-0.157
09-Aug-18 22:00:00	3,018.250	35.236	-0.916
09-Aug-18 23:00:00	2,348.496	34.227	-1.009
10-Aug-18 00:00:00	978.193	33.209	-1.018
10-Aug-18 01:00:00	1,395.438	36.448	3.239
10-Aug-18 02:00:00	2,712.849	36.295	-0.152
10-Aug-18 03:00:00	1,262.578	36.088	-0.207
10-Aug-18 04:00:00	2,263.073	35.932	-0.156
10-Aug-18 05:00:00	2,263.058	35.747	-0.185
10-Aug-18 06:00:00	1,335.094	35.497	-0.250
10-Aug-18 07:00:00	1,028.669	34.909	-0.588

10-Aug-18 08:00:00	1,698.788	34.225	-0.684
10-Aug-18 09:00:00	1,120.341	33.212	-1.012
10-Aug-18 10:00:00	2,319.676	32.193	-1.020
10-Aug-18 11:00:00	1,526.385	31.192	-1.001
10-Aug-18 12:00:00	2,571.387	30.475	-0.717
10-Aug-18 13:00:00	2,372.734	30.417	-0.058
10-Aug-18 14:00:00	1,584.442	31.681	1.263
10-Aug-18 15:00:00	3,310.144	35.638	3.957
10-Aug-18 16:00:00	1,024.832	34.568	-1.070
10-Aug-18 17:00:00	3,269.713	33.562	-1.007
10-Aug-18 18:00:00	1,016.599	33.117	-0.445
10-Aug-18 19:00:00	3,049.714	32.966	-0.151
10-Aug-18 20:00:00	2,774.995	32.795	-0.171
10-Aug-18 21:00:00	1,304.702	32.161	-0.634
10-Aug-18 22:00:00	3,010.264	30.944	-1.217
10-Aug-18 23:00:00	1,584.884	30.343	-0.602
11-Aug-18 00:00:00	0.000	30.198	-0.145
11-Aug-18 01:00:00	0.000	36.416	6.218
11-Aug-18 02:00:00	0.000	35.308	-1.107
11-Aug-18 03:00:00	0.000	34.217	-1.091
11-Aug-18 04:00:00	0.000	33.148	-1.069
11-Aug-18 05:00:00	0.000	32.043	-1.105
11-Aug-18 06:00:00	0.000	31.055	-0.988
11-Aug-18 07:00:00	44.865	30.243	-0.812
11-Aug-18 08:00:00	0.000	36.166	5.923
11-Aug-18 09:00:00	0.000	35.112	-1.054
11-Aug-18 10:00:00	0.000	34.087	-1.024
11-Aug-18 11:00:00	2,371.549	33.062	-1.025
11-Aug-18 12:00:00	1,015.837	32.067	-0.995
11-Aug-18 13:00:00	1,022.468	31.001	-1.066
11-Aug-18 14:00:00	1,595.747	30.987	-0.014
11-Aug-18 15:00:00	1,600.108	35.902	4.914
11-Aug-18 16:00:00	1,741.918	35.623	-0.279
11-Aug-18 17:00:00	1,046.953	34.595	-1.028
11-Aug-18 18:00:00	2,693.673	33.582	-1.013
11-Aug-18 19:00:00	1,602.059	33.219	-0.363
11-Aug-18 20:00:00	3,219.731	36.173	2.953
11-Aug-18 21:00:00	3,011.751	34.872	-1.300
11-Aug-18 22:00:00	1,025.583	33.503	-1.370
11-Aug-18 23:00:00	2,750.564	32.097	-1.405
12-Aug-18 00:00:00	1,017.707	30.723	-1.374
12-Aug-18 01:00:00	1,612.662	32.167	1.444
12-Aug-18 02:00:00	2,878.025	36.440	4.273
12-Aug-18 03:00:00	1,031.363	35.043	-1.397
12-Aug-18 04:00:00	0.041	33.630	-1.413
12-Aug-18 05:00:00	0.000	32.217	-1.413
12-Aug-18 06:00:00	0.000	30.808	-1.409
12-Aug-18 07:00:00	0.000	32.460	1.652
12-Aug-18 08:00:00	0.000	35.901	3.441
12-Aug-18 09:00:00	0.000	34.833	-1.067
12-Aug-18 10:00:00	0.000	33.771	-1.063
12-Aug-18 11:00:00	0.000	32.693	-1.078
12-Aug-18 12:00:00	0.000	31.675	-1.017
12-Aug-18 13:00:00	2,774.840	30.596	-1.079
12-Aug-18 14:00:00	1,579.928	32.130	1.534
12-Aug-18 15:00:00	3,072.518	36.393	4.263
12-Aug-18 16:00:00	1,022.754	35.326	-1.067
12-Aug-18 17:00:00	1,001.242	34.254	-1.072
12-Aug-18 18:00:00	2,676.754	33.185	-1.068
12-Aug-18 19:00:00	1,605.191	32.353	-0.832
12-Aug-18 20:00:00	3,126.266	36.348	3.995
12-Aug-18 21:00:00	3,220.911	35.286	-1.063
12-Aug-18 22:00:00	1,026.895	34.236	-1.049
12-Aug-18 23:00:00	1,020.664	33.181	-1.055
13-Aug-18 00:00:00	1,612.597	35.114	1.933
13-Aug-18 01:00:00	0.000	35.759	0.645
13-Aug-18 02:00:00	0.000	34.699	-1.060
13-Aug-18 03:00:00	0.000	33.538	-1.161
13-Aug-18 04:00:00	0.000	32.349	-1.189
13-Aug-18 05:00:00	0.000	31.288	-1.061
13-Aug-18 06:00:00	0.000	30.239	-1.049
13-Aug-18 07:00:00	0.000	36.418	6.179
13-Aug-18 08:00:00	0.000	35.364	-1.055
13-Aug-18 09:00:00	0.000	34.276	-1.088
13-Aug-18 10:00:00	0.000	33.211	-1.065
13-Aug-18 11:00:00	0.000	32.311	-0.900
13-Aug-18 12:00:00	3,211.496	31.282	-1.030
13-Aug-18 13:00:00	1,024.407	30.250	-1.031

13-Aug-18 14:00:00	1,614.745	33.736	3.486
13-Aug-18 15:00:00	1,205.660	36.056	2.320
13-Aug-18 16:00:00	2,647.016	35.012	-1.044
13-Aug-18 17:00:00	2,663.985	33.955	-1.058
13-Aug-18 18:00:00	2,043.478	32.927	-1.028
13-Aug-18 19:00:00	2,899.382	31.868	-1.059
13-Aug-18 20:00:00	1,982.374	30.823	-1.045
13-Aug-18 21:00:00	1,618.515	30.988	0.164
13-Aug-18 22:00:00	1,619.907	35.813	4.825
13-Aug-18 23:00:00	3,266.551	35.609	-0.203
14-Aug-18 00:00:00	0.000	34.573	-1.036
14-Aug-18 01:00:00	0.000	33.553	-1.020
14-Aug-18 02:00:00	0.000	32.542	-1.011
14-Aug-18 03:00:00	0.000	31.591	-0.951
14-Aug-18 04:00:00	0.000	31.067	-0.524
14-Aug-18 05:00:00	16.053	30.118	-0.950
14-Aug-18 06:00:00	1,617.682	34.318	4.200
14-Aug-18 07:00:00	1,031.877	35.984	1.666
14-Aug-18 08:00:00	1,027.713	35.046	-0.938
14-Aug-18 09:00:00	1,026.756	34.037	-1.009
14-Aug-18 10:00:00	1,022.263	33.154	-0.883
14-Aug-18 11:00:00	1,017.693	32.219	-0.935
14-Aug-18 12:00:00	1,028.967	31.295	-0.924
14-Aug-18 13:00:00	1,032.499	30.770	-0.524
14-Aug-18 14:00:00	1,744.553	30.453	-0.317
14-Aug-18 15:00:00	3,153.157	30.224	-0.229
14-Aug-18 16:00:00	2,199.059	30.070	-0.154
14-Aug-18 17:00:00	3,177.417	33.730	3.660
14-Aug-18 18:00:00	3,293.093	33.005	-0.725
14-Aug-18 19:00:00	3,243.196	32.501	-0.504
14-Aug-18 20:00:00	1,053.590	31.470	-1.031
14-Aug-18 21:00:00	2,981.136	30.464	-1.005
14-Aug-18 22:00:00	1,622.351	32.545	2.081
14-Aug-18 23:00:00	3,159.697	36.310	3.764
15-Aug-18 00:00:00	3,277.301	35.332	-0.978
15-Aug-18 01:00:00	1,027.872	34.338	-0.994
15-Aug-18 02:00:00	1,030.619	33.368	-0.970
15-Aug-18 03:00:00	2,679.789	32.386	-0.982
15-Aug-18 04:00:00	1,048.447	31.375	-1.012
15-Aug-18 05:00:00	1,035.806	30.379	-0.996
15-Aug-18 06:00:00	1,623.422	32.978	2.599
15-Aug-18 07:00:00	3,207.253	36.253	3.274
15-Aug-18 08:00:00	1,028.737	35.318	-0.935
15-Aug-18 09:00:00	1,024.486	35.152	-0.166
15-Aug-18 10:00:00	2,400.926	34.999	-0.153
15-Aug-18 11:00:00	1,474.777	34.888	-0.111
15-Aug-18 12:00:00	1,903.612	34.723	-0.165
15-Aug-18 13:00:00	2,404.021	34.602	-0.121
15-Aug-18 14:00:00	2,511.527	34.459	-0.142
15-Aug-18 15:00:00	1,718.687	33.618	-0.842
15-Aug-18 16:00:00	3,073.953	32.695	-0.923
15-Aug-18 17:00:00	3,072.790	31.839	-0.856
15-Aug-18 18:00:00	1,014.729	30.987	-0.853
15-Aug-18 19:00:00	1,626.419	35.574	4.588
15-Aug-18 20:00:00	3,276.471	35.761	0.186
15-Aug-18 21:00:00	3,260.794	34.856	-0.904
15-Aug-18 22:00:00	1,020.407	33.938	-0.918
15-Aug-18 23:00:00	2,302.931	32.999	-0.939
16-Aug-18 00:00:00	2,347.974	31.931	-1.068
16-Aug-18 01:00:00	2,384.926	30.989	-0.942
16-Aug-18 02:00:00	1,029.716	30.079	-0.910
16-Aug-18 03:00:00	1,622.974	34.770	4.691
16-Aug-18 04:00:00	1,884.931	35.869	1.099
16-Aug-18 05:00:00	1,025.489	34.887	-0.982
16-Aug-18 06:00:00	1,009.936	33.903	-0.984
16-Aug-18 07:00:00	1,016.281	32.916	-0.987
16-Aug-18 08:00:00	1,012.148	31.951	-0.965
16-Aug-18 09:00:00	1,005.357	30.869	-1.082
16-Aug-18 10:00:00	1,620.506	30.752	-0.117
16-Aug-18 11:00:00	1,622.363	35.467	4.715
16-Aug-18 12:00:00	3,088.613	35.515	0.048
16-Aug-18 13:00:00	1,015.380	34.520	-0.995
16-Aug-18 14:00:00	3,097.399	33.502	-1.018
16-Aug-18 15:00:00	1,027.064	32.469	-1.033
16-Aug-18 16:00:00	1,020.723	31.480	-0.989
16-Aug-18 17:00:00	1,002.976	30.457	-1.023
16-Aug-18 18:00:00	1,614.716	32.661	2.203
16-Aug-18 19:00:00	1,031.503	36.320	3.659

16-Aug-18 20:00:00	1,019.474	35.635	-0.685
16-Aug-18 21:00:00	1,014.208	35.080	-0.554
16-Aug-18 22:00:00	2,750.133	34.079	-1.001
16-Aug-18 23:00:00	1,034.636	33.052	-1.027
17-Aug-18 00:00:00	1,622.194	35.088	2.036
17-Aug-18 01:00:00	2,903.093	35.833	0.745
17-Aug-18 02:00:00	1,031.306	34.819	-1.014
17-Aug-18 03:00:00	1,766.804	33.821	-0.999
17-Aug-18 04:00:00	2,146.301	33.329	-0.491
17-Aug-18 05:00:00	1,721.900	32.994	-0.335
17-Aug-18 06:00:00	2,217.253	32.744	-0.250
17-Aug-18 07:00:00	1,661.780	31.727	-1.017
17-Aug-18 08:00:00	1,042.235	30.732	-0.995
17-Aug-18 09:00:00	1,619.185	31.259	0.528
17-Aug-18 10:00:00	1,622.361	36.107	4.847
17-Aug-18 11:00:00	2,094.042	35.589	-0.517
17-Aug-18 12:00:00	1,700.310	34.595	-0.994
17-Aug-18 13:00:00	2,495.106	33.609	-0.986
17-Aug-18 14:00:00	2,249.691	32.651	-0.958
17-Aug-18 15:00:00	2,459.721	31.644	-1.007
17-Aug-18 16:00:00	2,222.117	30.664	-0.980
17-Aug-18 17:00:00	1,625.572	31.565	0.901
17-Aug-18 18:00:00	1,632.158	36.398	4.833
17-Aug-18 19:00:00	3,286.511	35.544	-0.855
17-Aug-18 20:00:00	1,056.051	34.569	-0.975
17-Aug-18 21:00:00	2,236.771	33.578	-0.991
17-Aug-18 22:00:00	2,184.417	32.645	-0.933
17-Aug-18 23:00:00	2,888.742	31.723	-0.923
18-Aug-18 00:00:00	1,704.645	30.797	-0.926
18-Aug-18 01:00:00	1,633.454	30.948	0.151
18-Aug-18 02:00:00	1,634.918	35.873	4.925
18-Aug-18 03:00:00	2,967.814	35.659	-0.214
18-Aug-18 04:00:00	1,021.704	34.683	-0.976
18-Aug-18 05:00:00	1,023.877	33.705	-0.978
18-Aug-18 06:00:00	1,021.682	32.736	-0.969
18-Aug-18 07:00:00	1,021.914	31.755	-0.981
18-Aug-18 08:00:00	1,022.985	31.228	-0.526
18-Aug-18 09:00:00	1,029.732	30.610	-0.618
18-Aug-18 10:00:00	1,017.865	30.128	-0.482
18-Aug-18 11:00:00	1,621.670	33.952	3.824
18-Aug-18 12:00:00	1,014.379	36.072	2.120
18-Aug-18 13:00:00	1,017.450	35.041	-1.031
18-Aug-18 14:00:00	1,277.617	33.864	-1.177
18-Aug-18 15:00:00	2,740.166	32.918	-0.946
18-Aug-18 16:00:00	3,035.780	32.035	-0.883
18-Aug-18 17:00:00	1,432.740	31.114	-0.921
18-Aug-18 18:00:00	2,828.054	30.217	-0.897
18-Aug-18 19:00:00	2,896.172	33.686	3.469
18-Aug-18 20:00:00	3,231.994	32.787	-0.899
18-Aug-18 21:00:00	1,629.954	34.307	1.520
18-Aug-18 22:00:00	3,010.513	36.004	1.697
18-Aug-18 23:00:00	2,932.585	35.101	-0.902
19-Aug-18 00:00:00	1,594.017	34.196	-0.905
19-Aug-18 01:00:00	3,056.493	33.273	-0.924
19-Aug-18 02:00:00	2,362.509	32.370	-0.902
19-Aug-18 03:00:00	0.000	31.472	-0.898
19-Aug-18 04:00:00	22.505	30.573	-0.899
19-Aug-18 05:00:00	1,623.443	31.872	1.299
19-Aug-18 06:00:00	1,885.108	36.440	4.568
19-Aug-18 07:00:00	0.000	35.493	-0.948
19-Aug-18 08:00:00	3,244.268	34.531	-0.962
19-Aug-18 09:00:00	1,022.381	33.594	-0.937
19-Aug-18 10:00:00	1,019.324	32.630	-0.964
19-Aug-18 11:00:00	1,030.278	31.679	-0.951
19-Aug-18 12:00:00	1,034.260	30.713	-0.966
19-Aug-18 13:00:00	1,628.375	31.312	0.599
19-Aug-18 14:00:00	1,634.809	36.276	4.964
19-Aug-18 15:00:00	3,288.552	35.526	-0.750
19-Aug-18 16:00:00	3,314.788	34.570	-0.956
19-Aug-18 17:00:00	2,942.802	33.611	-0.959
19-Aug-18 18:00:00	2,875.323	32.652	-0.959
19-Aug-18 19:00:00	2,406.959	31.694	-0.958
19-Aug-18 20:00:00	2,738.998	30.741	-0.953
19-Aug-18 21:00:00	1,643.209	31.154	0.413
19-Aug-18 22:00:00	1,643.567	36.075	4.922
19-Aug-18 23:00:00	3,283.873	35.677	-0.399
20-Aug-18 00:00:00	3,311.639	34.706	-0.970
20-Aug-18 01:00:00	1,076.490	33.719	-0.987

20-Aug-18 02:00:00	1,050.062	36.267	2.548
20-Aug-18 03:00:00	1,026.776	35.286	-0.980
20-Aug-18 04:00:00	2,330.868	34.316	-0.970
20-Aug-18 05:00:00	1,023.614	33.364	-0.952
20-Aug-18 06:00:00	1,026.707	32.237	-1.127
20-Aug-18 07:00:00	1,021.364	31.180	-1.058
20-Aug-18 08:00:00	1,032.152	30.187	-0.993
20-Aug-18 09:00:00	1,625.276	33.962	3.775
20-Aug-18 10:00:00	1,025.039	36.033	2.070
20-Aug-18 11:00:00	1,032.045	35.055	-0.978
20-Aug-18 12:00:00	1,025.423	34.067	-0.988
20-Aug-18 13:00:00	1,031.990	33.292	-0.776
20-Aug-18 14:00:00	1,019.195	32.340	-0.952
20-Aug-18 15:00:00	1,023.157	31.419	-0.921
20-Aug-18 16:00:00	2,470.080	30.449	-0.970
20-Aug-18 17:00:00	1,631.092	32.675	2.227
20-Aug-18 18:00:00	3,171.665	36.271	3.596
20-Aug-18 19:00:00	3,284.072	35.327	-0.944
20-Aug-18 20:00:00	1,024.852	34.349	-0.979
20-Aug-18 21:00:00	3,088.374	33.385	-0.964
20-Aug-18 22:00:00	1,029.487	32.406	-0.979
20-Aug-18 23:00:00	2,479.968	31.427	-0.979
21-Aug-18 00:00:00	2,173.125	30.459	-0.968
21-Aug-18 01:00:00	1,628.643	32.631	2.173
21-Aug-18 02:00:00	3,170.135	36.299	3.668
21-Aug-18 03:00:00	2,702.383	35.335	-0.964
21-Aug-18 04:00:00	1,030.299	34.362	-0.973
21-Aug-18 05:00:00	1,020.683	33.390	-0.972
21-Aug-18 06:00:00	1,026.058	32.400	-0.990
21-Aug-18 07:00:00	1,028.016	31.240	-1.159
21-Aug-18 08:00:00	1,026.855	30.193	-1.048
21-Aug-18 09:00:00	1,628.446	33.951	3.758
21-Aug-18 10:00:00	1,029.358	36.063	2.112
21-Aug-18 11:00:00	0.000	35.012	-1.051
21-Aug-18 12:00:00	2,567.340	34.026	-0.986
21-Aug-18 13:00:00	1,027.158	33.055	-0.971
21-Aug-18 14:00:00	1,026.154	32.077	-0.977
21-Aug-18 15:00:00	0.000	31.167	-0.910
21-Aug-18 16:00:00	2,700.712	30.194	-0.973
21-Aug-18 17:00:00	1,631.186	33.972	3.777
21-Aug-18 18:00:00	3,249.553	36.036	2.064
21-Aug-18 19:00:00	2,052.563	35.077	-0.958
21-Aug-18 20:00:00	2,903.010	34.102	-0.975
21-Aug-18 21:00:00	3,112.043	33.122	-0.980
21-Aug-18 22:00:00	1,031.299	32.133	-0.989
21-Aug-18 23:00:00	2,995.094	31.038	-1.096
22-Aug-18 00:00:00	1,627.595	30.141	-0.896
22-Aug-18 01:00:00	1,627.502	34.998	4.857
22-Aug-18 02:00:00	1,026.745	36.196	1.198
22-Aug-18 03:00:00	2,639.847	36.001	-0.195
22-Aug-18 04:00:00	1,028.113	35.162	-0.838
22-Aug-18 05:00:00	2,447.009	34.204	-0.958
22-Aug-18 06:00:00	1,542.821	33.221	-0.983
22-Aug-18 07:00:00	2,237.428	32.251	-0.970
22-Aug-18 08:00:00	1,030.464	31.216	-1.035
22-Aug-18 09:00:00	2,562.132	30.122	-1.094
22-Aug-18 10:00:00	1,626.153	34.261	4.139
22-Aug-18 11:00:00	3,233.650	36.372	2.111
22-Aug-18 12:00:00	1,021.709	35.806	-0.566
22-Aug-18 13:00:00	2,787.129	34.853	-0.953
22-Aug-18 14:00:00	2,681.808	33.874	-0.979
22-Aug-18 15:00:00	1,033.249	32.908	-0.965
22-Aug-18 16:00:00	2,856.981	31.933	-0.976
22-Aug-18 17:00:00	1,033.539	31.112	-0.821
22-Aug-18 18:00:00	2,866.615	30.391	-0.721
22-Aug-18 19:00:00	1,643.734	32.800	2.409
22-Aug-18 20:00:00	3,191.473	36.277	3.477
22-Aug-18 21:00:00	3,223.628	35.323	-0.955
22-Aug-18 22:00:00	978.639	34.357	-0.966
22-Aug-18 23:00:00	2,659.347	33.399	-0.958
23-Aug-18 00:00:00	1,028.527	32.448	-0.951
23-Aug-18 01:00:00	1,042.562	31.615	-0.833
23-Aug-18 02:00:00	2,394.261	30.473	-1.141
23-Aug-18 03:00:00	1,620.481	32.318	1.845
23-Aug-18 04:00:00	1,041.876	36.367	4.049
23-Aug-18 05:00:00	1,025.539	35.413	-0.954
23-Aug-18 06:00:00	0.000	34.471	-0.943
23-Aug-18 07:00:00	3,104.233	33.482	-0.988

23-Aug-18 08:00:00	1,026.718	32.525	-0.957
23-Aug-18 09:00:00	1,022.874	31.515	-1.010
23-Aug-18 10:00:00	1,024.355	30.343	-1.172
23-Aug-18 11:00:00	1,630.295	33.242	2.899
23-Aug-18 12:00:00	1,029.005	36.063	2.821
23-Aug-18 13:00:00	1,021.627	34.992	-1.071
23-Aug-18 14:00:00	1,025.737	34.034	-0.958
23-Aug-18 15:00:00	1,025.898	33.081	-0.953
23-Aug-18 16:00:00	1,018.735	32.055	-1.026
23-Aug-18 17:00:00	1,046.354	31.011	-1.044
23-Aug-18 18:00:00	1,074.285	30.070	-0.940
23-Aug-18 19:00:00	1,622.794	34.568	4.498
23-Aug-18 20:00:00	3,212.908	35.942	1.374
23-Aug-18 21:00:00	2,834.485	35.008	-0.934
23-Aug-18 22:00:00	1,194.742	34.055	-0.953
23-Aug-18 23:00:00	2,241.052	33.095	-0.960
24-Aug-18 00:00:00	2,087.464	32.153	-0.942
24-Aug-18 01:00:00	2,237.638	31.200	-0.953
24-Aug-18 02:00:00	1,027.805	30.138	-1.061
24-Aug-18 03:00:00	1,618.116	34.087	3.949
24-Aug-18 04:00:00	2,548.260	36.041	1.954
24-Aug-18 05:00:00	1,030.944	35.102	-0.938
24-Aug-18 06:00:00	1,030.549	34.169	-0.933
24-Aug-18 07:00:00	1,199.682	33.228	-0.941
24-Aug-18 08:00:00	2,151.230	32.228	-1.000
24-Aug-18 09:00:00	1,014.808	31.283	-0.945
24-Aug-18 10:00:00	1,156.845	30.368	-0.915
24-Aug-18 11:00:00	1,613.000	32.591	2.223
24-Aug-18 12:00:00	3,055.458	36.355	3.764
24-Aug-18 13:00:00	3,204.000	35.404	-0.951
24-Aug-18 14:00:00	1,756.639	34.463	-0.941
24-Aug-18 15:00:00	1,024.576	33.528	-0.935
24-Aug-18 16:00:00	2,653.227	32.571	-0.957
24-Aug-18 17:00:00	1,212.537	31.624	-0.946
24-Aug-18 18:00:00	2,790.400	30.692	-0.932
24-Aug-18 19:00:00	1,626.732	35.696	5.004
24-Aug-18 20:00:00	3,198.668	36.257	0.561
24-Aug-18 21:00:00	2,913.510	35.385	-0.872
24-Aug-18 22:00:00	2,053.554	34.440	-0.945
24-Aug-18 23:00:00	1,871.242	33.492	-0.949
25-Aug-18 00:00:00	1,681.780	32.550	-0.941
25-Aug-18 01:00:00	2,054.996	31.613	-0.937
25-Aug-18 02:00:00	1,010.706	30.646	-0.967
25-Aug-18 03:00:00	1,616.088	30.965	0.319
25-Aug-18 04:00:00	1,616.656	35.852	4.887
25-Aug-18 05:00:00	2,311.207	35.558	-0.294
25-Aug-18 06:00:00	1,606.872	35.664	0.105
25-Aug-18 07:00:00	1,023.545	35.742	0.079
25-Aug-18 08:00:00	2,251.447	34.798	-0.944
25-Aug-18 09:00:00	1,243.362	33.811	-0.988
25-Aug-18 10:00:00	2,458.387	32.851	-0.960
25-Aug-18 11:00:00	1,085.156	31.905	-0.945
25-Aug-18 12:00:00	1,440.086	30.950	-0.956
25-Aug-18 13:00:00	2,545.745	30.355	-0.594
25-Aug-18 14:00:00	1,628.411	33.099	2.744
25-Aug-18 15:00:00	3,129.091	36.206	3.107
25-Aug-18 16:00:00	3,258.458	35.263	-0.943
25-Aug-18 17:00:00	1,022.272	34.310	-0.953
25-Aug-18 18:00:00	2,911.804	33.360	-0.950
25-Aug-18 19:00:00	1,488.673	32.408	-0.952
25-Aug-18 20:00:00	2,377.331	31.457	-0.951
25-Aug-18 21:00:00	2,825.468	31.145	-0.313
25-Aug-18 22:00:00	1,033.128	30.214	-0.930
25-Aug-18 23:00:00	1,622.913	33.813	3.598
26-Aug-18 00:00:00	3,227.145	36.060	2.248
26-Aug-18 01:00:00	1,687.081	35.257	-0.803
26-Aug-18 02:00:00	2,899.095	34.211	-1.046
26-Aug-18 03:00:00	3,034.821	33.239	-0.972
26-Aug-18 04:00:00	0.000	33.866	0.627
26-Aug-18 05:00:00	3,229.410	33.485	-0.380
26-Aug-18 06:00:00	3,254.728	32.511	-0.974
26-Aug-18 07:00:00	1,026.501	31.427	-1.084
26-Aug-18 08:00:00	1,611.247	32.155	0.728
26-Aug-18 09:00:00	2,743.376	36.393	4.238
26-Aug-18 10:00:00	1,025.857	35.443	-0.949
26-Aug-18 11:00:00	2,567.039	34.497	-0.946
26-Aug-18 12:00:00	2,231.834	33.523	-0.975
26-Aug-18 13:00:00	2,019.347	32.580	-0.943

26-Aug-18 14:00:00	2,634.764	31.641	-0.939
26-Aug-18 15:00:00	2,636.160	30.558	-1.083
26-Aug-18 16:00:00	1,626.161	32.472	1.914
26-Aug-18 17:00:00	3,144.970	36.329	3.857
26-Aug-18 18:00:00	3,284.707	35.372	-0.957
26-Aug-18 19:00:00	3,210.794	34.409	-0.963
26-Aug-18 20:00:00	1,232.465	33.457	-0.952
26-Aug-18 21:00:00	3,122.908	32.503	-0.954
26-Aug-18 22:00:00	1,047.735	31.546	-0.957
26-Aug-18 23:00:00	3,079.394	30.587	-0.959
27-Aug-18 00:00:00	1,619.576	31.913	1.326
27-Aug-18 01:00:00	2,961.214	36.437	4.524
27-Aug-18 02:00:00	1,036.772	35.578	-0.859
27-Aug-18 03:00:00	1,866.633	34.842	-0.737
27-Aug-18 04:00:00	2,388.749	33.891	-0.951
27-Aug-18 05:00:00	1,029.728	32.933	-0.958
27-Aug-18 06:00:00	1,030.511	31.971	-0.963
27-Aug-18 07:00:00	1,622.092	35.201	3.230
27-Aug-18 08:00:00	1,501.352	35.672	0.471
27-Aug-18 09:00:00	1,023.926	34.657	-1.015
27-Aug-18 10:00:00	1,779.168	33.707	-0.951
27-Aug-18 11:00:00	2,493.941	32.750	-0.957
27-Aug-18 12:00:00	2,159.820	31.776	-0.974
27-Aug-18 13:00:00	2,161.101	30.787	-0.989
27-Aug-18 14:00:00	1,629.402	30.948	0.161
27-Aug-18 15:00:00	1,633.201	35.773	4.825
27-Aug-18 16:00:00	3,278.263	35.568	-0.205
27-Aug-18 17:00:00	3,305.964	34.559	-1.009
27-Aug-18 18:00:00	1,027.996	33.584	-0.975
27-Aug-18 19:00:00	3,044.561	32.627	-0.957
27-Aug-18 20:00:00	3,234.655	31.677	-0.950
27-Aug-18 21:00:00	2,294.441	30.714	-0.963
27-Aug-18 22:00:00	1,618.113	31.316	0.602
27-Aug-18 23:00:00	1,621.797	36.273	4.958
28-Aug-18 00:00:00	3,285.892	36.163	-0.110
28-Aug-18 01:00:00	3,148.607	35.786	-0.377
28-Aug-18 02:00:00	1,022.296	35.537	-0.249
28-Aug-18 03:00:00	1,025.681	34.931	-0.606
28-Aug-18 04:00:00	1,915.808	33.972	-0.959
28-Aug-18 05:00:00	1,592.029	33.304	-0.668
28-Aug-18 06:00:00	1,527.328	32.951	-0.353
28-Aug-18 07:00:00	1,620.214	35.574	2.622
28-Aug-18 08:00:00	1,028.785	36.170	0.596
28-Aug-18 09:00:00	1,026.363	35.134	-1.036
28-Aug-18 10:00:00	1,017.388	34.163	-0.971
28-Aug-18 11:00:00	1,032.594	32.968	-1.195
28-Aug-18 12:00:00	1,020.355	31.766	-1.203
28-Aug-18 13:00:00	1,023.217	30.529	-1.237
28-Aug-18 14:00:00	1,628.802	33.120	2.591
28-Aug-18 15:00:00	1,030.062	36.227	3.107
28-Aug-18 16:00:00	1,015.001	35.259	-0.968
28-Aug-18 17:00:00	2,296.810	34.487	-0.772
28-Aug-18 18:00:00	2,054.986	33.538	-0.949
28-Aug-18 19:00:00	2,903.525	32.580	-0.958
28-Aug-18 20:00:00	2,866.048	31.616	-0.963
28-Aug-18 21:00:00	1,020.563	30.691	-0.926
28-Aug-18 22:00:00	1,623.695	31.035	0.344
28-Aug-18 23:00:00	1,624.730	36.007	4.972
29-Aug-18 00:00:00	3,269.667	35.768	-0.239
29-Aug-18 01:00:00	1,022.443	34.967	-0.802
29-Aug-18 02:00:00	1,020.897	34.153	-0.813
29-Aug-18 03:00:00	1,027.160	33.343	-0.810
29-Aug-18 04:00:00	1,025.637	32.523	-0.820
29-Aug-18 05:00:00	1,024.030	31.705	-0.818
29-Aug-18 06:00:00	1,746.651	30.912	-0.793
29-Aug-18 07:00:00	1,880.815	30.108	-0.804
29-Aug-18 08:00:00	1,618.160	34.415	4.307
29-Aug-18 09:00:00	1,025.948	35.994	1.579
29-Aug-18 10:00:00	1,020.935	35.580	-0.415
29-Aug-18 11:00:00	1,023.112	35.416	-0.164
29-Aug-18 12:00:00	1,015.606	35.009	-0.406
29-Aug-18 13:00:00	1,017.686	34.165	-0.844
29-Aug-18 14:00:00	2,189.458	33.334	-0.832
29-Aug-18 15:00:00	1,417.319	32.513	-0.821
29-Aug-18 16:00:00	2,167.544	31.738	-0.774
29-Aug-18 17:00:00	2,168.380	30.772	-0.967
29-Aug-18 18:00:00	1,618.536	30.341	-0.431
29-Aug-18 19:00:00	1,622.176	35.359	5.018

29-Aug-18 20:00:00	3,274.853	35.872	0.513	
29-Aug-18 21:00:00	3,298.036	35.065	-0.807	
29-Aug-18 22:00:00	1,020.464	34.266	-0.799	
29-Aug-18 23:00:00	2,758.032	33.459	-0.806	
Resize to show all values	Resize to show all values	Resize to show all values	#VALUE!	
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			0.000	15189.873 gal/ft
			0.000	
			0.000	
	1,307,906.200		443.227	
	78,474,371.990		6,732,561.684	85,206,933.674 Gallons
				15189.873 gal/ft

BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01
BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01
BLYPI100
1h
9/1/2018 0:00

9/30/2018 0:00

86,265,429 Gallons

	Circ Water Makeup Flow	Raw Water Tank Level	
01-Sep-18 00:00:00	1,026.305	30.405	
01-Sep-18 01:00:00	1,624.734	32.556	2.151
01-Sep-18 02:00:00	3,156.699	36.352	3.797
01-Sep-18 03:00:00	1,029.123	35.504	-0.848
01-Sep-18 04:00:00	1,021.096	34.699	-0.805
01-Sep-18 05:00:00	1,021.003	33.887	-0.812
01-Sep-18 06:00:00	1,012.090	33.078	-0.809
01-Sep-18 07:00:00	1,015.132	32.277	-0.801
01-Sep-18 08:00:00	1,011.832	31.461	-0.816
01-Sep-18 09:00:00	1,085.034	30.624	-0.837
01-Sep-18 10:00:00	1,624.810	31.620	0.996
01-Sep-18 11:00:00	3,052.948	36.482	4.862
01-Sep-18 12:00:00	1,030.975	35.817	-0.665
01-Sep-18 13:00:00	1,027.899	35.007	-0.810
01-Sep-18 14:00:00	1,273.110	34.192	-0.815
01-Sep-18 15:00:00	2,433.578	33.383	-0.809
01-Sep-18 16:00:00	1,777.663	32.540	-0.843
01-Sep-18 17:00:00	2,056.644	31.705	-0.834
01-Sep-18 18:00:00	2,247.727	30.897	-0.809
01-Sep-18 19:00:00	2,458.780	30.069	-0.828
01-Sep-18 20:00:00	1,612.775	34.671	4.602
01-Sep-18 21:00:00	3,264.063	35.961	1.290
01-Sep-18 22:00:00	3,292.457	35.546	-0.416
01-Sep-18 23:00:00	1,021.800	35.232	-0.313
02-Sep-18 00:00:00	1,029.551	34.260	-0.972
02-Sep-18 01:00:00	1,025.703	33.210	-1.051
02-Sep-18 02:00:00	1,026.454	32.119	-1.091
02-Sep-18 03:00:00	1,018.851	31.166	-0.952
02-Sep-18 04:00:00	1,018.137	30.202	-0.965
02-Sep-18 05:00:00	1,627.431	33.767	3.565
02-Sep-18 06:00:00	1,026.088	36.095	2.328
02-Sep-18 07:00:00	1,024.328	35.749	-0.345
02-Sep-18 08:00:00	1,014.812	35.576	-0.174
02-Sep-18 09:00:00	1,020.239	35.394	-0.182
02-Sep-18 10:00:00	1,712.763	34.499	-0.895
02-Sep-18 11:00:00	1,858.184	33.546	-0.952
02-Sep-18 12:00:00	1,789.325	32.579	-0.968
02-Sep-18 13:00:00	2,408.822	31.633	-0.946
02-Sep-18 14:00:00	1,018.826	30.681	-0.952
02-Sep-18 15:00:00	1,627.522	31.524	0.843
02-Sep-18 16:00:00	1,632.532	36.216	4.692
02-Sep-18 17:00:00	3,029.997	35.595	-0.621
02-Sep-18 18:00:00	1,013.369	34.643	-0.953
02-Sep-18 19:00:00	1,013.746	33.676	-0.967
02-Sep-18 20:00:00	2,968.146	33.307	-0.369
02-Sep-18 21:00:00	1,023.995	33.039	-0.268
02-Sep-18 22:00:00	1,142.481	32.079	-0.960
02-Sep-18 23:00:00	1,822.671	31.122	-0.958
03-Sep-18 00:00:00	1,012.853	30.162	-0.960
03-Sep-18 01:00:00	1,620.842	34.291	4.129
03-Sep-18 02:00:00	2,616.079	35.984	1.693
03-Sep-18 03:00:00	1,029.105	35.037	-0.947
03-Sep-18 04:00:00	1,024.240	34.094	-0.943
03-Sep-18 05:00:00	1,022.384	33.403	-0.691
03-Sep-18 06:00:00	1,020.185	32.516	-0.887
03-Sep-18 07:00:00	1,027.659	31.524	-0.991
03-Sep-18 08:00:00	1,017.003	31.137	-0.387
03-Sep-18 09:00:00	1,623.693	32.585	1.448
03-Sep-18 10:00:00	1,236.708	36.331	3.746
03-Sep-18 11:00:00	1,026.645	35.574	-0.757
03-Sep-18 12:00:00	2,893.965	35.385	-0.188
03-Sep-18 13:00:00	1,023.128	34.659	-0.727
03-Sep-18 14:00:00	1,018.850	33.714	-0.944
03-Sep-18 15:00:00	2,578.975	32.774	-0.940
03-Sep-18 16:00:00	1,409.516	31.832	-0.941
03-Sep-18 17:00:00	1,014.690	30.891	-0.941
03-Sep-18 18:00:00	1,589.335	30.347	-0.544
03-Sep-18 19:00:00	1,597.961	35.277	4.930

03-Sep-18 20:00:00	3,273.792	35.898	0.622
03-Sep-18 21:00:00	3,277.366	35.068	-0.831
03-Sep-18 22:00:00	1,022.768	34.112	-0.956
03-Sep-18 23:00:00	2,698.353	33.159	-0.953
04-Sep-18 00:00:00	1,025.926	32.226	-0.933
04-Sep-18 01:00:00	2,944.810	31.282	-0.944
04-Sep-18 02:00:00	1,808.559	30.335	-0.948
04-Sep-18 03:00:00	1,616.612	33.222	2.887
04-Sep-18 04:00:00	3,117.969	36.181	2.959
04-Sep-18 05:00:00	1,028.761	35.254	-0.926
04-Sep-18 06:00:00	1,023.697	34.322	-0.932
04-Sep-18 07:00:00	1,621.026	36.212	1.890
04-Sep-18 08:00:00	1,030.210	36.002	-0.210
04-Sep-18 09:00:00	2,670.228	35.822	-0.180
04-Sep-18 10:00:00	2,154.990	35.649	-0.173
04-Sep-18 11:00:00	1,268.181	35.318	-0.331
04-Sep-18 12:00:00	2,909.040	35.152	-0.166
04-Sep-18 13:00:00	2,222.999	34.941	-0.211
04-Sep-18 14:00:00	2,942.446	34.778	-0.163
04-Sep-18 15:00:00	3,072.375	34.557	-0.221
04-Sep-18 16:00:00	1,028.836	33.610	-0.947
04-Sep-18 17:00:00	2,861.437	32.685	-0.925
04-Sep-18 18:00:00	2,949.737	31.979	-0.707
04-Sep-18 19:00:00	2,048.304	31.010	-0.968
04-Sep-18 20:00:00	2,848.737	30.551	-0.459
04-Sep-18 21:00:00	3,084.779	30.090	-0.461
04-Sep-18 22:00:00	1,605.126	34.510	4.420
04-Sep-18 23:00:00	3,261.371	35.946	1.437
05-Sep-18 00:00:00	3,296.298	35.011	-0.936
05-Sep-18 01:00:00	1,020.274	34.093	-0.917
05-Sep-18 02:00:00	2,862.500	33.166	-0.927
05-Sep-18 03:00:00	1,028.094	32.229	-0.936
05-Sep-18 04:00:00	2,316.169	31.275	-0.955
05-Sep-18 05:00:00	1,255.148	30.701	-0.574
05-Sep-18 06:00:00	2,829.952	30.245	-0.457
05-Sep-18 07:00:00	1,625.933	33.621	3.376
05-Sep-18 08:00:00	3,102.820	36.131	2.510
05-Sep-18 09:00:00	1,026.680	35.201	-0.930
05-Sep-18 10:00:00	1,024.979	34.289	-0.913
05-Sep-18 11:00:00	2,065.719	33.347	-0.942
05-Sep-18 12:00:00	2,889.786	32.418	-0.929
05-Sep-18 13:00:00	2,910.146	31.499	-0.919
05-Sep-18 14:00:00	1,034.519	30.571	-0.928
05-Sep-18 15:00:00	1,627.446	31.883	1.312
05-Sep-18 16:00:00	2,960.563	36.442	4.559
05-Sep-18 17:00:00	3,289.616	35.528	-0.914
05-Sep-18 18:00:00	3,308.363	34.614	-0.914
05-Sep-18 19:00:00	2,703.685	33.685	-0.929
05-Sep-18 20:00:00	1,049.315	32.637	-1.047
05-Sep-18 21:00:00	3,169.706	31.636	-1.002
05-Sep-18 22:00:00	1,024.715	30.630	-1.006
05-Sep-18 23:00:00	1,616.392	32.082	1.452
06-Sep-18 00:00:00	3,067.561	36.403	4.321
06-Sep-18 01:00:00	3,293.623	35.497	-0.905
06-Sep-18 02:00:00	1,028.650	34.606	-0.892
06-Sep-18 03:00:00	1,026.454	33.712	-0.893
06-Sep-18 04:00:00	2,617.810	32.828	-0.884
06-Sep-18 05:00:00	1,033.849	31.920	-0.908
06-Sep-18 06:00:00	1,034.584	31.008	-0.912
06-Sep-18 07:00:00	2,192.948	30.062	-0.946
06-Sep-18 08:00:00	1,614.410	34.810	4.748
06-Sep-18 09:00:00	3,262.711	36.247	1.436
06-Sep-18 10:00:00	1,023.790	35.649	-0.598
06-Sep-18 11:00:00	2,679.363	35.479	-0.169
06-Sep-18 12:00:00	2,072.293	35.312	-0.167
06-Sep-18 13:00:00	3,005.206	35.144	-0.168
06-Sep-18 14:00:00	1,124.413	34.998	-0.147
06-Sep-18 15:00:00	3,158.571	34.701	-0.297
06-Sep-18 16:00:00	2,110.471	34.306	-0.394
06-Sep-18 17:00:00	2,602.208	33.709	-0.597
06-Sep-18 18:00:00	3,079.457	32.781	-0.929
06-Sep-18 19:00:00	3,094.959	31.859	-0.922
06-Sep-18 20:00:00	2,220.458	30.960	-0.899
06-Sep-18 21:00:00	3,157.476	30.079	-0.881
06-Sep-18 22:00:00	1,590.916	34.787	4.708
06-Sep-18 23:00:00	3,267.121	35.915	1.128
07-Sep-18 00:00:00	3,296.882	35.038	-0.877
07-Sep-18 01:00:00	1,023.743	34.166	-0.872

07-Sep-18 02:00:00	2,510.394	33.136	-1.030
07-Sep-18 03:00:00	1,398.513	32.229	-0.906
07-Sep-18 04:00:00	2,266.953	31.476	-0.753
07-Sep-18 05:00:00	2,802.914	31.216	-0.260
07-Sep-18 06:00:00	1,029.523	30.340	-0.877
07-Sep-18 07:00:00	1,622.326	33.129	2.789
07-Sep-18 08:00:00	3,095.856	36.237	3.109
07-Sep-18 09:00:00	1,032.557	35.232	-1.005
07-Sep-18 10:00:00	1,246.434	34.159	-1.073
07-Sep-18 11:00:00	1,047.852	33.063	-1.096
07-Sep-18 12:00:00	1,026.270	32.061	-1.002
07-Sep-18 13:00:00	2,943.934	31.035	-1.026
07-Sep-18 14:00:00	1,674.914	30.151	-0.885
07-Sep-18 15:00:00	1,636.164	34.103	3.953
07-Sep-18 16:00:00	3,251.125	36.052	1.948
07-Sep-18 17:00:00	3,302.839	35.161	-0.890
07-Sep-18 18:00:00	3,310.570	34.305	-0.856
07-Sep-18 19:00:00	2,526.131	33.423	-0.882
07-Sep-18 20:00:00	1,819.458	32.542	-0.881
07-Sep-18 21:00:00	3,169.735	31.658	-0.884
07-Sep-18 22:00:00	2,232.510	30.791	-0.867
07-Sep-18 23:00:00	1,629.550	30.539	-0.252
08-Sep-18 00:00:00	1,630.098	35.461	4.923
08-Sep-18 01:00:00	3,277.014	35.811	0.349
08-Sep-18 02:00:00	3,303.341	34.964	-0.847
08-Sep-18 03:00:00	1,027.187	33.941	-1.023
08-Sep-18 04:00:00	1,027.027	32.942	-0.999
08-Sep-18 05:00:00	2,766.202	32.172	-0.770
08-Sep-18 06:00:00	1,389.427	31.175	-0.998
08-Sep-18 07:00:00	2,736.037	30.298	-0.876
08-Sep-18 08:00:00	1,636.614	33.280	2.982
08-Sep-18 09:00:00	3,227.300	36.204	2.924
08-Sep-18 10:00:00	2,439.001	35.342	-0.862
08-Sep-18 11:00:00	1,022.143	34.482	-0.860
08-Sep-18 12:00:00	2,992.368	33.624	-0.858
08-Sep-18 13:00:00	1,469.006	32.631	-0.993
08-Sep-18 14:00:00	2,852.587	31.681	-0.950
08-Sep-18 15:00:00	2,216.101	30.802	-0.879
08-Sep-18 16:00:00	1,636.012	30.466	-0.335
08-Sep-18 17:00:00	1,640.914	35.459	4.992
08-Sep-18 18:00:00	3,280.126	34.878	-0.580
08-Sep-18 19:00:00	3,310.328	34.046	-0.832
08-Sep-18 20:00:00	3,317.726	33.781	-0.265
08-Sep-18 21:00:00	3,292.159	33.095	-0.686
08-Sep-18 22:00:00	1,028.597	32.332	-0.763
08-Sep-18 23:00:00	2,780.087	31.553	-0.779
09-Sep-18 00:00:00	2,778.829	30.783	-0.770
09-Sep-18 01:00:00	977.698	30.065	-0.718
09-Sep-18 02:00:00	1,634.731	35.041	4.976
09-Sep-18 03:00:00	3,255.020	35.959	0.918
09-Sep-18 04:00:00	1,025.710	35.244	-0.715
09-Sep-18 05:00:00	1,023.905	34.237	-1.007
09-Sep-18 06:00:00	1,956.204	33.292	-0.945
09-Sep-18 07:00:00	2,166.613	32.391	-0.900
09-Sep-18 08:00:00	1,021.247	31.644	-0.747
09-Sep-18 09:00:00	1,462.545	30.904	-0.740
09-Sep-18 10:00:00	2,599.425	30.170	-0.734
09-Sep-18 11:00:00	1,627.372	33.943	3.773
09-Sep-18 12:00:00	3,243.075	36.110	2.167
09-Sep-18 13:00:00	2,391.560	35.242	-0.868
09-Sep-18 14:00:00	1,015.310	34.423	-0.820
09-Sep-18 15:00:00	3,084.850	33.394	-1.029
09-Sep-18 16:00:00	2,441.193	32.499	-0.895
09-Sep-18 17:00:00	3,056.977	31.646	-0.853
09-Sep-18 18:00:00	3,161.840	30.797	-0.849
09-Sep-18 19:00:00	1,638.657	30.362	-0.434
09-Sep-18 20:00:00	1,636.614	35.298	4.936
09-Sep-18 21:00:00	2,270.520	35.850	0.552
09-Sep-18 22:00:00	3,264.860	35.010	-0.840
09-Sep-18 23:00:00	2,430.110	34.162	-0.848
10-Sep-18 00:00:00	2,356.471	33.309	-0.853
10-Sep-18 01:00:00	1,602.135	32.458	-0.851
10-Sep-18 02:00:00	2,364.460	31.615	-0.844
10-Sep-18 03:00:00	1,031.571	30.756	-0.858
10-Sep-18 04:00:00	1,599.888	30.511	-0.245
10-Sep-18 05:00:00	1,604.705	35.579	5.068
10-Sep-18 06:00:00	1,105.500	35.682	0.103
10-Sep-18 07:00:00	1,028.851	34.728	-0.954

10-Sep-18 08:00:00	1,033.182	33.774	-0.954
10-Sep-18 09:00:00	2,206.008	32.925	-0.850
10-Sep-18 10:00:00	1,656.945	32.096	-0.829
10-Sep-18 11:00:00	2,402.214	31.231	-0.865
10-Sep-18 12:00:00	2,256.934	30.403	-0.828
10-Sep-18 13:00:00	1,621.231	32.719	2.316
10-Sep-18 14:00:00	3,211.125	36.346	3.627
10-Sep-18 15:00:00	2,962.070	35.878	-0.469
10-Sep-18 16:00:00	2,053.249	34.837	-1.040
10-Sep-18 17:00:00	2,975.342	33.899	-0.938
10-Sep-18 18:00:00	1,019.558	32.943	-0.955
10-Sep-18 19:00:00	3,213.635	31.997	-0.946
10-Sep-18 20:00:00	2,280.349	31.084	-0.913
10-Sep-18 21:00:00	3,130.778	30.154	-0.929
10-Sep-18 22:00:00	1,580.830	34.241	4.087
10-Sep-18 23:00:00	3,260.548	36.000	1.759
11-Sep-18 00:00:00	3,276.663	35.088	-0.912
11-Sep-18 01:00:00	1,021.946	34.176	-0.912
11-Sep-18 02:00:00	2,518.173	33.269	-0.907
11-Sep-18 03:00:00	1,034.191	32.346	-0.923
11-Sep-18 04:00:00	1,024.542	31.458	-0.888
11-Sep-18 05:00:00	1,673.320	30.561	-0.897
11-Sep-18 06:00:00	1,604.568	32.011	1.450
11-Sep-18 07:00:00	2,781.980	36.422	4.410
11-Sep-18 08:00:00	1,033.055	35.414	-1.008
11-Sep-18 09:00:00	1,021.502	34.613	-0.801
11-Sep-18 10:00:00	1,002.353	33.506	-1.107
11-Sep-18 11:00:00	1,017.233	32.690	-0.816
11-Sep-18 12:00:00	1,009.524	31.522	-1.168
11-Sep-18 13:00:00	1,018.368	30.612	-0.910
11-Sep-18 14:00:00	1,608.373	31.594	0.983
11-Sep-18 15:00:00	2,798.195	36.459	4.865
11-Sep-18 16:00:00	1,308.169	35.583	-0.876
11-Sep-18 17:00:00	2,783.219	34.684	-0.899
11-Sep-18 18:00:00	2,996.845	34.392	-0.292
11-Sep-18 19:00:00	1,034.839	34.007	-0.385
11-Sep-18 20:00:00	3,071.190	33.102	-0.905
11-Sep-18 21:00:00	2,815.059	32.190	-0.912
11-Sep-18 22:00:00	2,867.853	31.288	-0.901
11-Sep-18 23:00:00	1,024.904	30.378	-0.910
12-Sep-18 00:00:00	1,607.052	32.889	2.511
12-Sep-18 01:00:00	3,209.369	36.246	3.356
12-Sep-18 02:00:00	1,037.123	35.359	-0.886
12-Sep-18 03:00:00	1,017.873	34.460	-0.899
12-Sep-18 04:00:00	2,159.721	33.565	-0.895
12-Sep-18 05:00:00	2,101.087	32.672	-0.893
12-Sep-18 06:00:00	1,259.319	31.788	-0.884
12-Sep-18 07:00:00	1,030.238	30.901	-0.887
12-Sep-18 08:00:00	1,613.665	30.108	-0.793
12-Sep-18 09:00:00	1,612.721	35.100	4.992
12-Sep-18 10:00:00	1,027.634	35.856	0.755
12-Sep-18 11:00:00	1,030.587	34.916	-0.939
12-Sep-18 12:00:00	1,018.132	33.928	-0.989
12-Sep-18 13:00:00	1,017.565	32.845	-1.082
12-Sep-18 14:00:00	1,024.577	31.936	-0.909
12-Sep-18 15:00:00	1,380.878	31.023	-0.913
12-Sep-18 16:00:00	1,362.962	30.101	-0.921
12-Sep-18 17:00:00	1,621.684	34.465	4.364
12-Sep-18 18:00:00	3,266.183	35.972	1.507
12-Sep-18 19:00:00	3,062.006	35.157	-0.815
12-Sep-18 20:00:00	1,842.111	34.416	-0.741
12-Sep-18 21:00:00	2,946.316	33.499	-0.918
12-Sep-18 22:00:00	2,518.016	32.550	-0.949
12-Sep-18 23:00:00	1,020.425	31.624	-0.925
13-Sep-18 00:00:00	2,808.302	30.688	-0.936
13-Sep-18 01:00:00	1,615.236	31.333	0.645
13-Sep-18 02:00:00	1,620.061	36.270	4.937
13-Sep-18 03:00:00	1,023.146	35.609	-0.661
13-Sep-18 04:00:00	1,020.925	34.693	-0.916
13-Sep-18 05:00:00	1,010.980	33.768	-0.925
13-Sep-18 06:00:00	998.963	32.847	-0.921
13-Sep-18 07:00:00	1,004.743	31.927	-0.920
13-Sep-18 08:00:00	1,018.851	31.016	-0.911
13-Sep-18 09:00:00	1,616.400	30.824	-0.193
13-Sep-18 10:00:00	1,619.221	35.660	4.836
13-Sep-18 11:00:00	1,028.315	35.628	-0.031
13-Sep-18 12:00:00	1,030.414	35.071	-0.557
13-Sep-18 13:00:00	1,013.621	34.799	-0.272

13-Sep-18 14:00:00	2,210.563	34.148	-0.651
13-Sep-18 15:00:00	1,376.642	33.017	-1.131
13-Sep-18 16:00:00	1,125.093	32.068	-0.949
13-Sep-18 17:00:00	2,091.219	31.117	-0.951
13-Sep-18 18:00:00	2,555.459	30.196	-0.921
13-Sep-18 19:00:00	1,618.830	33.955	3.759
13-Sep-18 20:00:00	3,253.741	36.054	2.100
13-Sep-18 21:00:00	3,300.021	35.148	-0.907
13-Sep-18 22:00:00	1,022.305	34.194	-0.954
13-Sep-18 23:00:00	1,019.348	33.212	-0.982
14-Sep-18 00:00:00	2,360.729	32.286	-0.926
14-Sep-18 01:00:00	1,216.326	31.369	-0.917
14-Sep-18 02:00:00	2,492.950	30.448	-0.921
14-Sep-18 03:00:00	1,608.173	32.553	2.106
14-Sep-18 04:00:00	3,171.911	36.310	3.757
14-Sep-18 05:00:00	1,028.912	35.418	-0.892
14-Sep-18 06:00:00	1,026.594	34.514	-0.905
14-Sep-18 07:00:00	1,172.518	33.597	-0.917
14-Sep-18 08:00:00	0.000	32.693	-0.904
14-Sep-18 09:00:00	0.000	31.793	-0.900
14-Sep-18 10:00:00	0.000	31.042	-0.751
14-Sep-18 11:00:00	0.000	30.861	-0.181
14-Sep-18 12:00:00	0.000	30.702	-0.158
14-Sep-18 13:00:00	0.000	30.545	-0.158
14-Sep-18 14:00:00	0.000	30.193	-0.352
14-Sep-18 15:00:00	1,608.472	30.533	0.340
14-Sep-18 16:00:00	1,610.500	36.248	5.715
14-Sep-18 17:00:00	1,913.417	36.174	-0.073
14-Sep-18 18:00:00	2,862.305	35.310	-0.865
14-Sep-18 19:00:00	2,521.662	34.389	-0.921
14-Sep-18 20:00:00	2,700.676	33.493	-0.896
14-Sep-18 21:00:00	2,429.750	32.384	-1.109
14-Sep-18 22:00:00	2,750.509	31.257	-1.126
14-Sep-18 23:00:00	2,831.291	30.193	-1.065
15-Sep-18 00:00:00	1,609.578	34.074	3.882
15-Sep-18 01:00:00	2,769.820	35.945	1.871
15-Sep-18 02:00:00	1,031.930	35.038	-0.907
15-Sep-18 03:00:00	2,729.470	34.125	-0.913
15-Sep-18 04:00:00	1,254.690	33.208	-0.917
15-Sep-18 05:00:00	1,021.444	32.110	-1.098
15-Sep-18 06:00:00	2,404.279	31.146	-0.964
15-Sep-18 07:00:00	1,993.429	30.235	-0.911
15-Sep-18 08:00:00	1,611.360	33.767	3.532
15-Sep-18 09:00:00	2,325.518	36.100	2.333
15-Sep-18 10:00:00	1,028.878	35.183	-0.917
15-Sep-18 11:00:00	2,875.182	34.285	-0.898
15-Sep-18 12:00:00	1,929.957	33.380	-0.905
15-Sep-18 13:00:00	2,736.868	32.464	-0.916
15-Sep-18 14:00:00	1,625.956	32.358	-0.106
15-Sep-18 15:00:00	3,118.754	33.543	1.185
15-Sep-18 16:00:00	1,062.792	32.620	-0.923
15-Sep-18 17:00:00	2,694.530	31.730	-0.890
15-Sep-18 18:00:00	3,008.722	30.815	-0.914
15-Sep-18 19:00:00	1,627.431	30.485	-0.331
15-Sep-18 20:00:00	1,624.478	35.447	4.962
15-Sep-18 21:00:00	3,278.065	35.796	0.349
15-Sep-18 22:00:00	3,307.268	34.876	-0.920
15-Sep-18 23:00:00	1,021.265	33.929	-0.947
16-Sep-18 00:00:00	1,025.670	32.824	-1.105
16-Sep-18 01:00:00	2,586.667	31.844	-0.980
16-Sep-18 02:00:00	2,122.377	30.806	-1.038
16-Sep-18 03:00:00	1,619.803	30.628	-0.178
16-Sep-18 04:00:00	1,629.272	35.582	4.954
16-Sep-18 05:00:00	2,905.320	35.760	0.177
16-Sep-18 06:00:00	1,028.986	34.898	-0.861
16-Sep-18 07:00:00	1,028.384	33.987	-0.912
16-Sep-18 08:00:00	1,860.341	33.072	-0.914
16-Sep-18 09:00:00	1,623.487	35.466	2.394
16-Sep-18 10:00:00	1,887.055	35.768	0.302
16-Sep-18 11:00:00	1,025.187	34.874	-0.894
16-Sep-18 12:00:00	1,327.638	33.958	-0.915
16-Sep-18 13:00:00	2,643.110	33.057	-0.902
16-Sep-18 14:00:00	2,602.514	32.149	-0.908
16-Sep-18 15:00:00	1,956.983	31.237	-0.911
16-Sep-18 16:00:00	1,630.561	34.140	2.903
16-Sep-18 17:00:00	3,268.635	34.338	0.198
16-Sep-18 18:00:00	1,034.914	33.433	-0.905
16-Sep-18 19:00:00	3,191.394	32.520	-0.913

16-Sep-18 20:00:00	3,021.863	31.626	-0.895
16-Sep-18 21:00:00	1,024.534	30.697	-0.929
16-Sep-18 22:00:00	1,575.846	31.164	0.467
16-Sep-18 23:00:00	1,580.729	36.249	5.084
17-Sep-18 00:00:00	3,286.391	35.685	-0.564
17-Sep-18 01:00:00	3,295.938	34.876	-0.809
17-Sep-18 02:00:00	1,027.325	33.851	-1.025
17-Sep-18 03:00:00	1,024.826	32.849	-1.002
17-Sep-18 04:00:00	2,501.251	31.936	-0.912
17-Sep-18 05:00:00	2,098.237	31.020	-0.917
17-Sep-18 06:00:00	1,605.560	30.727	-0.292
17-Sep-18 07:00:00	1,610.885	35.613	4.886
17-Sep-18 08:00:00	2,375.575	35.756	0.143
17-Sep-18 09:00:00	1,028.321	34.909	-0.847
17-Sep-18 10:00:00	2,732.459	34.022	-0.887
17-Sep-18 11:00:00	1,848.248	33.104	-0.919
17-Sep-18 12:00:00	2,594.765	32.177	-0.927
17-Sep-18 13:00:00	2,138.174	31.257	-0.920
17-Sep-18 14:00:00	2,813.038	30.321	-0.936
17-Sep-18 15:00:00	1,621.084	33.234	2.913
17-Sep-18 16:00:00	3,225.434	36.196	2.962
17-Sep-18 17:00:00	3,303.525	35.271	-0.926
17-Sep-18 18:00:00	3,318.783	34.349	-0.922
17-Sep-18 19:00:00	3,281.569	33.431	-0.917
17-Sep-18 20:00:00	1,022.292	32.510	-0.921
17-Sep-18 21:00:00	3,205.480	31.595	-0.915
17-Sep-18 22:00:00	3,016.701	30.667	-0.928
17-Sep-18 23:00:00	1,619.660	31.362	0.694
18-Sep-18 00:00:00	1,621.835	36.306	4.944
18-Sep-18 01:00:00	3,266.213	35.633	-0.673
18-Sep-18 02:00:00	1,026.299	34.701	-0.933
18-Sep-18 03:00:00	1,024.561	33.581	-1.120
18-Sep-18 04:00:00	2,474.635	32.644	-0.936
18-Sep-18 05:00:00	1,609.279	31.736	-0.908
18-Sep-18 06:00:00	2,457.000	30.824	-0.912
18-Sep-18 07:00:00	1,596.263	30.554	-0.270
18-Sep-18 08:00:00	1,601.597	35.516	4.963
18-Sep-18 09:00:00	3,279.636	35.723	0.207
18-Sep-18 10:00:00	1,018.134	34.705	-1.018
18-Sep-18 11:00:00	1,026.736	33.847	-0.858
18-Sep-18 12:00:00	2,975.287	32.946	-0.901
18-Sep-18 13:00:00	1,775.156	32.037	-0.909
18-Sep-18 14:00:00	2,767.855	31.132	-0.905
18-Sep-18 15:00:00	2,664.026	30.226	-0.906
18-Sep-18 16:00:00	1,623.505	33.827	3.601
18-Sep-18 17:00:00	3,255.109	36.082	2.255
18-Sep-18 18:00:00	3,303.249	35.184	-0.898
18-Sep-18 19:00:00	3,230.534	34.285	-0.900
18-Sep-18 20:00:00	1,648.453	36.173	1.888
18-Sep-18 21:00:00	2,896.291	35.264	-0.909
18-Sep-18 22:00:00	1,983.924	34.368	-0.896
18-Sep-18 23:00:00	1,985.601	33.484	-0.883
19-Sep-18 00:00:00	2,099.253	32.580	-0.905
19-Sep-18 01:00:00	2,102.510	31.678	-0.902
19-Sep-18 02:00:00	2,095.514	30.756	-0.922
19-Sep-18 03:00:00	1,026.224	30.050	-0.706
19-Sep-18 04:00:00	1,625.469	34.781	4.731
19-Sep-18 05:00:00	2,341.278	35.856	1.075
19-Sep-18 06:00:00	1,030.568	34.712	-1.144
19-Sep-18 07:00:00	1,023.518	33.724	-0.988
19-Sep-18 08:00:00	1,026.239	32.812	-0.912
19-Sep-18 09:00:00	1,612.349	31.914	-0.897
19-Sep-18 10:00:00	2,232.868	30.788	-1.126
19-Sep-18 11:00:00	1,607.235	30.811	0.022
19-Sep-18 12:00:00	1,616.602	35.807	4.996
19-Sep-18 13:00:00	3,266.539	35.711	-0.096
19-Sep-18 14:00:00	991.623	34.811	-0.900
19-Sep-18 15:00:00	2,759.908	33.915	-0.895
19-Sep-18 16:00:00	1,424.956	33.003	-0.912
19-Sep-18 17:00:00	2,316.169	32.103	-0.900
19-Sep-18 18:00:00	2,308.461	31.209	-0.894
19-Sep-18 19:00:00	1,601.197	35.831	4.622
19-Sep-18 20:00:00	3,101.753	35.713	-0.119
19-Sep-18 21:00:00	1,026.616	34.807	-0.906
19-Sep-18 22:00:00	2,598.685	33.926	-0.881
19-Sep-18 23:00:00	1,033.554	33.035	-0.891
20-Sep-18 00:00:00	2,252.346	32.103	-0.932
20-Sep-18 01:00:00	1,415.692	31.194	-0.909

20-Sep-18 02:00:00	2,106.500	30.277	-0.917
20-Sep-18 03:00:00	1,601.887	33.590	3.313
20-Sep-18 04:00:00	3,236.366	36.127	2.537
20-Sep-18 05:00:00	1,029.438	35.216	-0.911
20-Sep-18 06:00:00	1,026.256	34.139	-1.077
20-Sep-18 07:00:00	1,016.982	33.025	-1.113
20-Sep-18 08:00:00	2,224.948	31.913	-1.112
20-Sep-18 09:00:00	2,398.053	31.314	-0.600
20-Sep-18 10:00:00	2,134.691	30.802	-0.511
20-Sep-18 11:00:00	1,604.645	31.370	0.568
20-Sep-18 12:00:00	1,611.578	36.054	4.684
20-Sep-18 13:00:00	3,269.588	35.669	-0.385
20-Sep-18 14:00:00	1,015.471	34.772	-0.897
20-Sep-18 15:00:00	1,785.349	33.873	-0.899
20-Sep-18 16:00:00	2,512.061	32.968	-0.906
20-Sep-18 17:00:00	2,804.840	32.060	-0.908
20-Sep-18 18:00:00	1,977.816	31.165	-0.895
20-Sep-18 19:00:00	3,050.110	30.266	-0.899
20-Sep-18 20:00:00	1,618.552	34.047	3.782
20-Sep-18 21:00:00	3,264.206	36.147	2.100
20-Sep-18 22:00:00	3,287.859	35.253	-0.894
20-Sep-18 23:00:00	1,013.654	34.354	-0.899
21-Sep-18 00:00:00	3,007.763	33.452	-0.902
21-Sep-18 01:00:00	1,518.823	32.563	-0.889
21-Sep-18 02:00:00	1,870.723	31.573	-0.990
21-Sep-18 03:00:00	2,442.596	30.528	-1.046
21-Sep-18 04:00:00	1,603.680	32.127	1.600
21-Sep-18 05:00:00	2,626.157	36.400	4.273
21-Sep-18 06:00:00	1,021.974	35.498	-0.902
21-Sep-18 07:00:00	1,501.235	34.609	-0.889
21-Sep-18 08:00:00	1,755.665	33.722	-0.887
21-Sep-18 09:00:00	1,027.105	32.841	-0.881
21-Sep-18 10:00:00	1,017.545	31.952	-0.889
21-Sep-18 11:00:00	1,001.301	30.924	-1.028
21-Sep-18 12:00:00	1,601.037	30.438	-0.485
21-Sep-18 13:00:00	1,610.998	35.522	5.084
21-Sep-18 14:00:00	1,096.054	35.875	0.353
21-Sep-18 15:00:00	1,014.863	34.981	-0.894
21-Sep-18 16:00:00	1,746.690	34.075	-0.906
21-Sep-18 17:00:00	2,348.736	33.173	-0.902
21-Sep-18 18:00:00	2,120.773	32.275	-0.898
21-Sep-18 19:00:00	2,475.181	31.371	-0.904
21-Sep-18 20:00:00	2,474.379	30.465	-0.906
21-Sep-18 21:00:00	1,608.455	32.487	2.022
21-Sep-18 22:00:00	3,171.572	36.328	3.841
21-Sep-18 23:00:00	3,301.398	35.429	-0.899
22-Sep-18 00:00:00	2,654.720	34.527	-0.902
22-Sep-18 01:00:00	1,022.978	33.648	-0.879
22-Sep-18 02:00:00	2,677.387	32.743	-0.904
22-Sep-18 03:00:00	1,025.152	31.684	-1.060
22-Sep-18 04:00:00	2,472.774	30.699	-0.985
22-Sep-18 05:00:00	1,610.225	31.136	0.437
22-Sep-18 06:00:00	1,610.910	36.136	4.999
22-Sep-18 07:00:00	2,593.851	35.684	-0.452
22-Sep-18 08:00:00	1,021.126	34.791	-0.892
22-Sep-18 09:00:00	1,021.646	33.908	-0.884
22-Sep-18 10:00:00	1,029.704	33.017	-0.890
22-Sep-18 11:00:00	1,011.077	32.114	-0.903
22-Sep-18 12:00:00	1,315.287	31.143	-0.971
22-Sep-18 13:00:00	2,458.217	30.253	-0.890
22-Sep-18 14:00:00	1,619.036	33.826	3.573
22-Sep-18 15:00:00	3,252.962	36.098	2.272
22-Sep-18 16:00:00	3,273.740	35.240	-0.859
22-Sep-18 17:00:00	1,010.532	34.277	-0.963
22-Sep-18 18:00:00	3,082.877	33.372	-0.905
22-Sep-18 19:00:00	1,390.510	32.474	-0.898
22-Sep-18 20:00:00	3,137.100	31.572	-0.901
22-Sep-18 21:00:00	1,641.761	30.677	-0.895
22-Sep-18 22:00:00	1,624.015	31.293	0.616
22-Sep-18 23:00:00	1,622.535	36.252	4.959
23-Sep-18 00:00:00	3,291.519	35.647	-0.605
23-Sep-18 01:00:00	3,305.709	34.741	-0.906
23-Sep-18 02:00:00	1,022.813	33.848	-0.893
23-Sep-18 03:00:00	2,278.004	32.894	-0.955
23-Sep-18 04:00:00	1,922.347	31.796	-1.098
23-Sep-18 05:00:00	2,086.632	30.899	-0.896
23-Sep-18 06:00:00	1,614.003	34.858	3.959
23-Sep-18 07:00:00	2,797.589	35.893	1.034

23-Sep-18 08:00:00	1,019.728	35.016	-0.876
23-Sep-18 09:00:00	1,020.650	34.113	-0.903
23-Sep-18 10:00:00	1,024.298	33.223	-0.891
23-Sep-18 11:00:00	2,429.980	32.318	-0.904
23-Sep-18 12:00:00	1,347.491	31.503	-0.816
23-Sep-18 13:00:00	2,456.561	30.442	-1.060
23-Sep-18 14:00:00	1,616.026	32.591	2.148
23-Sep-18 15:00:00	3,122.979	36.317	3.726
23-Sep-18 16:00:00	1,019.925	35.411	-0.905
23-Sep-18 17:00:00	3,140.078	34.510	-0.901
23-Sep-18 18:00:00	1,484.719	33.608	-0.902
23-Sep-18 19:00:00	2,899.591	32.699	-0.909
23-Sep-18 20:00:00	2,868.977	31.780	-0.919
23-Sep-18 21:00:00	1,014.021	30.873	-0.906
23-Sep-18 22:00:00	1,613.702	31.559	0.686
23-Sep-18 23:00:00	2,772.271	36.474	4.915
24-Sep-18 00:00:00	3,283.840	35.581	-0.893
24-Sep-18 01:00:00	1,021.799	34.693	-0.888
24-Sep-18 02:00:00	1,024.050	33.785	-0.908
24-Sep-18 03:00:00	1,029.559	32.890	-0.894
24-Sep-18 04:00:00	1,019.466	31.869	-1.022
24-Sep-18 05:00:00	1,033.329	30.841	-1.028
24-Sep-18 06:00:00	1,606.239	30.447	-0.394
24-Sep-18 07:00:00	1,607.409	35.469	5.021
24-Sep-18 08:00:00	3,015.034	35.791	0.323
24-Sep-18 09:00:00	1,018.240	34.888	-0.904
24-Sep-18 10:00:00	1,852.656	33.994	-0.894
24-Sep-18 11:00:00	1,626.580	33.093	-0.900
24-Sep-18 12:00:00	2,923.668	32.190	-0.903
24-Sep-18 13:00:00	1,091.959	31.152	-1.039
24-Sep-18 14:00:00	2,865.723	30.144	-1.008
24-Sep-18 15:00:00	1,633.073	33.787	3.643
24-Sep-18 16:00:00	3,241.920	36.098	2.310
24-Sep-18 17:00:00	3,206.465	35.202	-0.895
24-Sep-18 18:00:00	1,023.532	34.304	-0.898
24-Sep-18 19:00:00	3,161.853	33.391	-0.914
24-Sep-18 20:00:00	2,499.386	32.480	-0.910
24-Sep-18 21:00:00	1,960.107	31.578	-0.902
24-Sep-18 22:00:00	2,706.448	30.685	-0.894
24-Sep-18 23:00:00	1,618.047	31.251	0.566
25-Sep-18 00:00:00	1,618.531	36.232	4.981
25-Sep-18 01:00:00	3,115.582	35.642	-0.590
25-Sep-18 02:00:00	1,029.877	34.764	-0.879
25-Sep-18 03:00:00	1,026.162	33.866	-0.898
25-Sep-18 04:00:00	1,025.401	32.945	-0.921
25-Sep-18 05:00:00	1,015.039	31.838	-1.107
25-Sep-18 06:00:00	1,006.522	30.910	-0.928
25-Sep-18 07:00:00	992.708	30.094	-0.816
25-Sep-18 08:00:00	1,612.771	35.006	4.912
25-Sep-18 09:00:00	1,030.000	35.883	0.877
25-Sep-18 10:00:00	1,030.130	34.987	-0.896
25-Sep-18 11:00:00	1,030.103	34.104	-0.883
25-Sep-18 12:00:00	1,092.994	33.206	-0.898
25-Sep-18 13:00:00	1,026.389	32.247	-0.959
25-Sep-18 14:00:00	1,467.994	31.198	-1.049
25-Sep-18 15:00:00	2,548.196	30.230	-0.968
25-Sep-18 16:00:00	1,616.136	33.829	3.598
25-Sep-18 17:00:00	3,228.683	36.080	2.251
25-Sep-18 18:00:00	1,023.568	35.177	-0.902
25-Sep-18 19:00:00	2,532.238	34.273	-0.905
25-Sep-18 20:00:00	2,651.910	33.378	-0.895
25-Sep-18 21:00:00	2,969.965	32.491	-0.886
25-Sep-18 22:00:00	2,776.846	31.593	-0.899
25-Sep-18 23:00:00	1,616.382	34.413	2.820
26-Sep-18 00:00:00	2,906.884	35.987	1.574
26-Sep-18 01:00:00	1,028.841	35.095	-0.893
26-Sep-18 02:00:00	1,021.872	34.212	-0.883
26-Sep-18 03:00:00	2,250.024	33.324	-0.887
26-Sep-18 04:00:00	1,566.293	32.433	-0.892
26-Sep-18 05:00:00	1,608.987	35.628	3.196
26-Sep-18 06:00:00	1,020.456	35.658	0.029
26-Sep-18 07:00:00	1,033.466	34.827	-0.831
26-Sep-18 08:00:00	1,024.004	34.613	-0.214
26-Sep-18 09:00:00	1,031.964	34.468	-0.145
26-Sep-18 10:00:00	1,032.573	34.114	-0.354
26-Sep-18 11:00:00	1,029.605	33.076	-1.038
26-Sep-18 12:00:00	1,012.108	32.057	-1.019
26-Sep-18 13:00:00	1,021.382	31.016	-1.041

26-Sep-18 14:00:00	1,015.547	30.054	-0.962
26-Sep-18 15:00:00	1,628.124	34.706	4.651
26-Sep-18 16:00:00	2,426.259	35.862	1.156
26-Sep-18 17:00:00	1,083.328	34.837	-1.025
26-Sep-18 18:00:00	2,539.742	33.782	-1.055
26-Sep-18 19:00:00	2,530.054	32.615	-1.166
26-Sep-18 20:00:00	2,751.631	31.594	-1.021
26-Sep-18 21:00:00	2,754.381	30.573	-1.021
26-Sep-18 22:00:00	1,625.561	32.248	1.675
26-Sep-18 23:00:00	3,103.674	36.373	4.125
27-Sep-18 00:00:00	3,292.603	35.314	-1.059
27-Sep-18 01:00:00	1,023.547	34.324	-0.990
27-Sep-18 02:00:00	1,023.874	33.303	-1.021
27-Sep-18 03:00:00	1,015.185	32.302	-1.001
27-Sep-18 04:00:00	2,202.074	31.281	-1.021
27-Sep-18 05:00:00	1,571.765	30.273	-1.009
27-Sep-18 06:00:00	1,613.520	33.512	3.240
27-Sep-18 07:00:00	2,761.149	36.113	2.601
27-Sep-18 08:00:00	1,033.981	36.095	-0.018
27-Sep-18 09:00:00	1,018.372	34.863	-1.233
27-Sep-18 10:00:00	41.484	33.804	-1.059
27-Sep-18 11:00:00	1,022.809	32.774	-1.030
27-Sep-18 12:00:00	1,031.652	31.478	-1.296
27-Sep-18 13:00:00	1,008.712	30.513	-0.964
27-Sep-18 14:00:00	1,623.286	32.354	1.840
27-Sep-18 15:00:00	3,101.484	36.334	3.980
27-Sep-18 16:00:00	3,207.071	35.180	-1.154
27-Sep-18 17:00:00	2,185.767	34.064	-1.116
27-Sep-18 18:00:00	2,865.396	33.110	-0.954
27-Sep-18 19:00:00	3,100.156	32.162	-0.948
27-Sep-18 20:00:00	2,943.654	31.176	-0.987
27-Sep-18 21:00:00	2,215.103	30.235	-0.941
27-Sep-18 22:00:00	1,622.616	33.757	3.522
27-Sep-18 23:00:00	3,229.574	36.048	2.291
28-Sep-18 00:00:00	3,305.112	35.076	-0.972
28-Sep-18 01:00:00	1,045.230	34.148	-0.928
28-Sep-18 02:00:00	1,019.539	33.171	-0.977
28-Sep-18 03:00:00	1,018.536	32.221	-0.950
28-Sep-18 04:00:00	1,011.112	31.241	-0.980
28-Sep-18 05:00:00	2,619.214	30.333	-0.908
28-Sep-18 06:00:00	1,610.945	33.301	2.968
28-Sep-18 07:00:00	2,807.245	36.471	3.170
28-Sep-18 08:00:00	1,619.046	36.396	-0.076
28-Sep-18 09:00:00	1,026.751	35.535	-0.861
28-Sep-18 10:00:00	1,030.339	34.401	-1.134
28-Sep-18 11:00:00	1,026.932	33.406	-0.994
28-Sep-18 12:00:00	1,028.708	32.441	-0.965
28-Sep-18 13:00:00	1,029.278	31.477	-0.964
28-Sep-18 14:00:00	998.795	30.525	-0.952
28-Sep-18 15:00:00	1,622.117	32.275	1.750
28-Sep-18 16:00:00	1,024.862	36.478	4.203
28-Sep-18 17:00:00	1,020.739	35.981	-0.496
28-Sep-18 18:00:00	1,108.265	34.815	-1.167
28-Sep-18 19:00:00	2,898.716	33.683	-1.132
28-Sep-18 20:00:00	1,022.859	32.610	-1.073
28-Sep-18 21:00:00	2,622.861	31.510	-1.100
28-Sep-18 22:00:00	1,726.346	30.372	-1.138
28-Sep-18 23:00:00	1,615.343	33.489	3.117
29-Sep-18 00:00:00	3,250.553	36.343	2.854
29-Sep-18 01:00:00	3,228.167	35.337	-1.006
29-Sep-18 02:00:00	1,017.220	34.203	-1.134
29-Sep-18 03:00:00	1,019.085	33.533	-0.670
29-Sep-18 04:00:00	1,392.012	33.053	-0.480
29-Sep-18 05:00:00	1,274.710	32.064	-0.989
29-Sep-18 06:00:00	1,813.751	31.125	-0.940
29-Sep-18 07:00:00	2,143.904	30.156	-0.969
29-Sep-18 08:00:00	1,602.469	34.236	4.080
29-Sep-18 09:00:00	1,031.507	35.961	1.726
29-Sep-18 10:00:00	1,019.783	35.008	-0.953
29-Sep-18 11:00:00	1,014.359	34.065	-0.944
29-Sep-18 12:00:00	1,022.214	33.503	-0.561
29-Sep-18 13:00:00	1,026.039	33.403	-0.100
29-Sep-18 14:00:00	1,017.195	32.722	-0.682
29-Sep-18 15:00:00	999.206	31.582	-1.139
29-Sep-18 16:00:00	1,147.601	30.540	-1.042
29-Sep-18 17:00:00	1,602.293	32.334	1.794
29-Sep-18 18:00:00	3,131.614	36.331	3.997
29-Sep-18 19:00:00	2,302.935	35.369	-0.962

29-Sep-18 20:00:00	1,023.231	34.436	-0.933	
29-Sep-18 21:00:00	2,616.426	33.462	-0.975	
29-Sep-18 22:00:00	2,230.529	32.530	-0.932	
29-Sep-18 23:00:00	1,947.752	31.569	-0.961	
30-Sep-18 00:00:00	2,375.295	30.630	-0.939	
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	1,323,758.900		450.293	
	79,425,534.030		6,839,894.862	86,265,428.892 Gallons

BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01
BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01
BLYPI100
1h
10/1/2018 0:00

10/31/2018 0:00

50,966,807 Gallons

	Circ Water Makeup Flow	Raw Water Tank Level	
01-Oct-18 00:00:00	0.000	35.958	
01-Oct-18 01:00:00	0.000	35.885	-0.073
01-Oct-18 02:00:00	0.000	34.993	-0.892
01-Oct-18 03:00:00	0.000	34.079	-0.914
01-Oct-18 04:00:00	0.000	33.216	-0.862
01-Oct-18 05:00:00	0.000	32.526	-0.690
01-Oct-18 06:00:00	0.000	31.820	-0.707
01-Oct-18 07:00:00	0.000	30.894	-0.925
01-Oct-18 08:00:00	0.000	30.305	-0.590
01-Oct-18 09:00:00	0.139	30.360	0.056
01-Oct-18 10:00:00	0.000	36.215	5.855
01-Oct-18 11:00:00	4.761	35.408	-0.807
01-Oct-18 12:00:00	0.000	35.151	-0.257
01-Oct-18 13:00:00	0.000	34.653	-0.498
01-Oct-18 14:00:00	0.000	33.831	-0.822
01-Oct-18 15:00:00	0.000	32.848	-0.983
01-Oct-18 16:00:00	0.000	31.716	-1.132
01-Oct-18 17:00:00	0.000	31.037	-0.679
01-Oct-18 18:00:00	0.000	30.954	-0.083
01-Oct-18 19:00:00	0.000	30.573	-0.381
01-Oct-18 20:00:00	0.000	33.785	3.212
01-Oct-18 21:00:00	0.000	36.110	2.326
01-Oct-18 22:00:00	0.000	36.035	-0.075
01-Oct-18 23:00:00	0.000	35.976	-0.059
02-Oct-18 00:00:00	0.000	35.910	-0.066
02-Oct-18 01:00:00	0.000	35.842	-0.068
02-Oct-18 02:00:00	0.000	35.707	-0.135
02-Oct-18 03:00:00	0.000	35.492	-0.214
02-Oct-18 04:00:00	0.000	35.427	-0.066
02-Oct-18 05:00:00	0.000	35.361	-0.066
02-Oct-18 06:00:00	0.000	35.310	-0.051
02-Oct-18 07:00:00	0.000	35.250	-0.060
02-Oct-18 08:00:00	0.000	35.196	-0.054
02-Oct-18 09:00:00	0.000	35.049	-0.147
02-Oct-18 10:00:00	0.000	34.595	-0.454
02-Oct-18 11:00:00	0.000	34.481	-0.114
02-Oct-18 12:00:00	0.000	34.406	-0.075
02-Oct-18 13:00:00	0.000	34.337	-0.069
02-Oct-18 14:00:00	0.000	34.261	-0.076
02-Oct-18 15:00:00	0.000	34.167	-0.094
02-Oct-18 16:00:00	0.000	33.951	-0.216
02-Oct-18 17:00:00	0.000	33.756	-0.195
02-Oct-18 18:00:00	0.000	33.702	-0.054
02-Oct-18 19:00:00	0.000	32.929	-0.773
02-Oct-18 20:00:00	0.000	32.040	-0.888
02-Oct-18 21:00:00	0.000	31.952	-0.088
02-Oct-18 22:00:00	0.000	31.897	-0.055
02-Oct-18 23:00:00	0.000	31.842	-0.055
03-Oct-18 00:00:00	0.000	31.787	-0.055
03-Oct-18 01:00:00	0.000	31.722	-0.065
03-Oct-18 02:00:00	0.000	31.640	-0.082
03-Oct-18 03:00:00	0.000	31.314	-0.326
03-Oct-18 04:00:00	0.000	31.259	-0.055
03-Oct-18 05:00:00	0.000	31.200	-0.059
03-Oct-18 06:00:00	0.000	31.138	-0.062
03-Oct-18 07:00:00	0.000	31.083	-0.055
03-Oct-18 08:00:00	Comm Fail	Comm Fail	#VALUE!
03-Oct-18 09:00:00	Configure	Configure	#VALUE!
03-Oct-18 10:00:00	Configure	Configure	#VALUE!
03-Oct-18 11:00:00	Comm Fail	Comm Fail	#VALUE!
03-Oct-18 12:00:00	Comm Fail	Comm Fail	#VALUE!
03-Oct-18 13:00:00	Comm Fail	30.735	#VALUE!
03-Oct-18 14:00:00	3.943	30.068	-0.667
03-Oct-18 15:00:00	0.000	36.454	6.387
03-Oct-18 16:00:00	0.000	36.076	-0.378
03-Oct-18 17:00:00	0.000	35.794	-0.282
03-Oct-18 18:00:00	0.000	35.628	-0.166
03-Oct-18 19:00:00	0.000	35.547	-0.081

03-Oct-18 20:00:00	0.000		35.256	-0.291
03-Oct-18 21:00:00	0.000		34.304	-0.952
03-Oct-18 22:00:00	0.000		33.387	-0.917
03-Oct-18 23:00:00	0.000		33.152	-0.235
04-Oct-18 00:00:00	0.000		32.839	-0.312
04-Oct-18 01:00:00	0.000		31.894	-0.945
04-Oct-18 02:00:00	0.000		31.009	-0.885
04-Oct-18 03:00:00	0.000		30.134	-0.875
04-Oct-18 04:00:00	0.000		36.353	6.219
04-Oct-18 05:00:00	0.000		35.473	-0.880
04-Oct-18 06:00:00	0.000		35.152	-0.321
04-Oct-18 07:00:00	0.000		35.141	-0.011
04-Oct-18 08:00:00	0.000		35.042	-0.099
04-Oct-18 09:00:00	0.000		34.235	-0.807
04-Oct-18 10:00:00	0.000		33.231	-1.004
04-Oct-18 11:00:00	0.000		32.249	-0.982
04-Oct-18 12:00:00	0.000		31.265	-0.984
04-Oct-18 13:00:00	0.000		30.262	-1.003
04-Oct-18 14:00:00	Comm Fail	Comm Fail		#VALUE!
04-Oct-18 15:00:00	Comm Fail	Comm Fail		#VALUE!
04-Oct-18 16:00:00	0.000		34.536	#VALUE!
04-Oct-18 17:00:00	0.000		33.584	-0.952
04-Oct-18 18:00:00	0.000		33.447	-0.137
04-Oct-18 19:00:00	0.551		33.348	-0.099
04-Oct-18 20:00:00	1.958		33.265	-0.083
04-Oct-18 21:00:00	3.365		33.161	-0.104
04-Oct-18 22:00:00	4.771		33.073	-0.088
04-Oct-18 23:00:00	6.178		32.997	-0.077
05-Oct-18 00:00:00	7.585		32.898	-0.099
05-Oct-18 01:00:00	8.991		32.798	-0.100
05-Oct-18 02:00:00	10.398		32.722	-0.076
05-Oct-18 03:00:00	11.805		32.629	-0.093
05-Oct-18 04:00:00	13.211		32.524	-0.105
05-Oct-18 05:00:00	14.618		32.165	-0.359
05-Oct-18 06:00:00	16.025		31.953	-0.212
05-Oct-18 07:00:00	17.431		31.649	-0.304
05-Oct-18 08:00:00	18.838		31.078	-0.571
05-Oct-18 09:00:00	20.245		30.680	-0.398
05-Oct-18 10:00:00	21.651		30.578	-0.103
05-Oct-18 11:00:00	23.058		30.523	-0.055
05-Oct-18 12:00:00	24.465		30.441	-0.082
05-Oct-18 13:00:00	25.871		30.384	-0.056
05-Oct-18 14:00:00	0.000		30.289	-0.095
05-Oct-18 15:00:00	0.000		36.221	5.931
05-Oct-18 16:00:00	0.000		35.906	-0.315
05-Oct-18 17:00:00	0.000		35.712	-0.194
05-Oct-18 18:00:00	0.000		35.657	-0.055
05-Oct-18 19:00:00	0.000		35.602	-0.055
05-Oct-18 20:00:00	0.000		35.537	-0.066
05-Oct-18 21:00:00	0.000		35.492	-0.044
05-Oct-18 22:00:00	0.000		35.427	-0.066
05-Oct-18 23:00:00	0.000		35.383	-0.044
06-Oct-18 00:00:00	0.000		35.317	-0.066
06-Oct-18 01:00:00	0.000		35.273	-0.044
06-Oct-18 02:00:00	0.000		35.218	-0.055
06-Oct-18 03:00:00	0.000		35.163	-0.055
06-Oct-18 04:00:00	0.000		35.000	-0.163
06-Oct-18 05:00:00	0.000		34.635	-0.364
06-Oct-18 06:00:00	0.000		34.355	-0.280
06-Oct-18 07:00:00	0.000		34.088	-0.267
06-Oct-18 08:00:00	0.000		33.953	-0.135
06-Oct-18 09:00:00	0.000		33.926	-0.028
06-Oct-18 10:00:00	0.000		33.865	-0.060
06-Oct-18 11:00:00	0.000		33.821	-0.044
06-Oct-18 12:00:00	0.000		33.733	-0.088
06-Oct-18 13:00:00	0.000		33.663	-0.070
06-Oct-18 14:00:00	0.000		33.586	-0.077
06-Oct-18 15:00:00	0.000		33.528	-0.058
06-Oct-18 16:00:00	0.000		33.480	-0.048
06-Oct-18 17:00:00	0.000		33.417	-0.063
06-Oct-18 18:00:00	0.000		33.045	-0.372
06-Oct-18 19:00:00	0.000		32.948	-0.097
06-Oct-18 20:00:00	0.000		32.898	-0.051
06-Oct-18 21:00:00	0.000		32.832	-0.066
06-Oct-18 22:00:00	0.000		32.788	-0.044
06-Oct-18 23:00:00	0.000		32.744	-0.044
07-Oct-18 00:00:00	0.000		32.682	-0.062
07-Oct-18 01:00:00	0.000		32.634	-0.048

07-Oct-18 02:00:00	0.000	32.579	-0.055
07-Oct-18 03:00:00	0.000	32.531	-0.048
07-Oct-18 04:00:00	0.000	32.469	-0.062
07-Oct-18 05:00:00	0.000	32.445	-0.024
07-Oct-18 06:00:00	0.000	32.342	-0.103
07-Oct-18 07:00:00	0.000	31.972	-0.370
07-Oct-18 08:00:00	0.000	31.908	-0.064
07-Oct-18 09:00:00	0.000	31.853	-0.055
07-Oct-18 10:00:00	0.000	31.793	-0.060
07-Oct-18 11:00:00	0.000	31.754	-0.039
07-Oct-18 12:00:00	0.000	31.699	-0.055
07-Oct-18 13:00:00	0.000	31.644	-0.055
07-Oct-18 14:00:00	0.000	31.589	-0.055
07-Oct-18 15:00:00	0.000	31.534	-0.055
07-Oct-18 16:00:00	0.000	31.326	-0.208
07-Oct-18 17:00:00	0.000	30.564	-0.763
07-Oct-18 18:00:00	1,588.240	31.115	0.551
07-Oct-18 19:00:00	0.000	36.295	5.180
07-Oct-18 20:00:00	0.000	35.362	-0.933
07-Oct-18 21:00:00	0.000	34.467	-0.895
07-Oct-18 22:00:00	2,443.966	33.594	-0.873
07-Oct-18 23:00:00	1,024.667	32.713	-0.881
08-Oct-18 00:00:00	0.000	31.767	-0.945
08-Oct-18 01:00:00	0.000	30.917	-0.851
08-Oct-18 02:00:00	76.431	30.081	-0.836
08-Oct-18 03:00:00	1,569.326	35.116	5.035
08-Oct-18 04:00:00	0.000	35.711	0.595
08-Oct-18 05:00:00	0.000	34.780	-0.931
08-Oct-18 06:00:00	0.000	33.885	-0.895
08-Oct-18 07:00:00	0.000	32.963	-0.922
08-Oct-18 08:00:00	1,024.582	32.095	-0.868
08-Oct-18 09:00:00	0.000	31.203	-0.892
08-Oct-18 10:00:00	0.000	30.317	-0.886
08-Oct-18 11:00:00	0.000	36.124	5.807
08-Oct-18 12:00:00	0.000	35.632	-0.492
08-Oct-18 13:00:00	0.000	34.741	-0.891
08-Oct-18 14:00:00	0.000	33.931	-0.810
08-Oct-18 15:00:00	2,923.811	33.382	-0.549
08-Oct-18 16:00:00	1,017.155	32.257	-1.125
08-Oct-18 17:00:00	1,016.078	31.234	-1.023
08-Oct-18 18:00:00	1,004.587	30.335	-0.899
08-Oct-18 19:00:00	1,620.419	33.325	2.990
08-Oct-18 20:00:00	3,234.146	36.167	2.843
08-Oct-18 21:00:00	1,389.774	35.277	-0.890
08-Oct-18 22:00:00	1,015.798	34.406	-0.871
08-Oct-18 23:00:00	1,007.470	33.507	-0.899
09-Oct-18 00:00:00	2,622.539	32.604	-0.904
09-Oct-18 01:00:00	1,032.137	31.728	-0.875
09-Oct-18 02:00:00	1,029.924	30.844	-0.884
09-Oct-18 03:00:00	1,632.399	30.452	-0.392
09-Oct-18 04:00:00	1,639.912	35.429	4.976
09-Oct-18 05:00:00	1,032.530	35.657	0.228
09-Oct-18 06:00:00	1,033.505	34.655	-1.002
09-Oct-18 07:00:00	1,034.973	33.723	-0.932
09-Oct-18 08:00:00	986.445	32.799	-0.924
09-Oct-18 09:00:00	0.000	31.926	-0.874
09-Oct-18 10:00:00	0.000	31.830	-0.095
09-Oct-18 11:00:00	0.000	31.649	-0.182
09-Oct-18 12:00:00	0.000	31.531	-0.117
09-Oct-18 13:00:00	0.000	31.413	-0.118
09-Oct-18 14:00:00	10.540	31.358	-0.055
09-Oct-18 15:00:00	1,031.911	31.303	-0.055
09-Oct-18 16:00:00	1,016.678	31.248	-0.055
09-Oct-18 17:00:00	1,013.514	30.998	-0.250
09-Oct-18 18:00:00	1,210.033	30.907	-0.090
09-Oct-18 19:00:00	2,526.698	30.252	-0.656
09-Oct-18 20:00:00	1,588.903	33.766	3.515
09-Oct-18 21:00:00	2,847.333	36.080	2.313
09-Oct-18 22:00:00	1,033.611	35.163	-0.917
09-Oct-18 23:00:00	1,027.680	34.256	-0.906
10-Oct-18 00:00:00	1,030.933	33.119	-1.138
10-Oct-18 01:00:00	1,027.554	32.225	-0.894
10-Oct-18 02:00:00	1,021.997	31.292	-0.933
10-Oct-18 03:00:00	1,018.637	30.383	-0.909
10-Oct-18 04:00:00	1,598.253	32.971	2.588
10-Oct-18 05:00:00	0.000	36.227	3.255
10-Oct-18 06:00:00	24.916	35.291	-0.936
10-Oct-18 07:00:00	1,025.765	34.384	-0.907

10-Oct-18 08:00:00	997.140	33.521	-0.863
10-Oct-18 09:00:00	1,015.772	32.614	-0.907
10-Oct-18 10:00:00	2,609.151	31.669	-0.944
10-Oct-18 11:00:00	1,077.648	30.777	-0.893
10-Oct-18 12:00:00	1,591.570	35.470	4.694
10-Oct-18 13:00:00	3,271.112	35.726	0.256
10-Oct-18 14:00:00	1,016.745	34.710	-1.016
10-Oct-18 15:00:00	2,328.110	33.646	-1.064
10-Oct-18 16:00:00	2,347.164	32.698	-0.948
10-Oct-18 17:00:00	2,355.119	31.787	-0.911
10-Oct-18 18:00:00	1,029.088	30.864	-0.923
10-Oct-18 19:00:00	1,607.390	30.384	-0.479
10-Oct-18 20:00:00	1,612.986	35.414	5.030
10-Oct-18 21:00:00	2,910.108	35.786	0.372
10-Oct-18 22:00:00	1,024.586	34.872	-0.913
10-Oct-18 23:00:00	1,023.494	33.928	-0.944
11-Oct-18 00:00:00	1,896.770	33.051	-0.877
11-Oct-18 01:00:00	1,024.190	32.143	-0.908
11-Oct-18 02:00:00	1,028.927	31.195	-0.948
11-Oct-18 03:00:00	996.529	30.297	-0.898
11-Oct-18 04:00:00	1,595.551	33.503	3.205
11-Oct-18 05:00:00	1,189.112	36.132	2.630
11-Oct-18 06:00:00	1,033.949	35.207	-0.925
11-Oct-18 07:00:00	1,029.701	34.287	-0.920
11-Oct-18 08:00:00	1,024.913	33.209	-1.078
11-Oct-18 09:00:00	1,012.391	32.066	-1.143
11-Oct-18 10:00:00	1,006.448	30.810	-1.255
11-Oct-18 11:00:00	0.000	32.078	1.267
11-Oct-18 12:00:00	0.000	35.973	3.895
11-Oct-18 13:00:00	0.000	34.913	-1.060
11-Oct-18 14:00:00	0.000	34.107	-0.806
11-Oct-18 15:00:00	1.582	33.431	-0.676
11-Oct-18 16:00:00	1,026.150	33.121	-0.310
11-Oct-18 17:00:00	1,026.450	32.835	-0.287
11-Oct-18 18:00:00	1,021.112	32.711	-0.124
11-Oct-18 19:00:00	1,031.196	32.245	-0.466
11-Oct-18 20:00:00	1,033.978	31.298	-0.947
11-Oct-18 21:00:00	2,282.540	30.392	-0.907
11-Oct-18 22:00:00	1,597.272	32.999	2.607
11-Oct-18 23:00:00	3,184.198	36.340	3.341
12-Oct-18 00:00:00	1,030.283	36.081	-0.259
12-Oct-18 01:00:00	1,025.591	35.949	-0.132
12-Oct-18 02:00:00	1,029.944	35.161	-0.788
12-Oct-18 03:00:00	1,029.083	34.256	-0.905
12-Oct-18 04:00:00	1,015.861	33.335	-0.921
12-Oct-18 05:00:00	1,008.468	32.454	-0.882
12-Oct-18 06:00:00	1,009.021	31.490	-0.964
12-Oct-18 07:00:00	1,006.364	30.600	-0.890
12-Oct-18 08:00:00	1,597.619	31.803	1.203
12-Oct-18 09:00:00	0.000	36.266	4.463
12-Oct-18 10:00:00	0.000	35.342	-0.924
12-Oct-18 11:00:00	0.000	34.441	-0.901
12-Oct-18 12:00:00	0.000	33.524	-0.916
12-Oct-18 13:00:00	0.000	32.587	-0.938
12-Oct-18 14:00:00	0.000	31.713	-0.874
12-Oct-18 15:00:00	0.000	30.929	-0.784
12-Oct-18 16:00:00	3,006.921	30.255	-0.674
12-Oct-18 17:00:00	1,596.643	33.155	2.900
12-Oct-18 18:00:00	1,031.878	36.291	3.135
12-Oct-18 19:00:00	1,032.566	35.417	-0.873
12-Oct-18 20:00:00	1,038.352	34.530	-0.888
12-Oct-18 21:00:00	2,009.710	33.451	-1.079
12-Oct-18 22:00:00	1,034.364	32.444	-1.006
12-Oct-18 23:00:00	2,904.881	31.502	-0.942
13-Oct-18 00:00:00	1,027.958	30.615	-0.887
13-Oct-18 01:00:00	1,601.795	31.732	1.117
13-Oct-18 02:00:00	2,692.457	36.441	4.709
13-Oct-18 03:00:00	1,025.126	35.358	-1.084
13-Oct-18 04:00:00	1,017.770	34.473	-0.884
13-Oct-18 05:00:00	1,019.730	33.558	-0.915
13-Oct-18 06:00:00	989.609	32.618	-0.940
13-Oct-18 07:00:00	1,021.331	31.708	-0.910
13-Oct-18 08:00:00	972.657	30.778	-0.930
13-Oct-18 09:00:00	1,657.032	30.871	0.093
13-Oct-18 10:00:00	1,649.837	35.515	4.644
13-Oct-18 11:00:00	0.000	35.791	0.276
13-Oct-18 12:00:00	3,066.797	34.893	-0.898
13-Oct-18 13:00:00	1,007.700	33.986	-0.907

13-Oct-18 14:00:00	0.000	33.017	-0.969
13-Oct-18 15:00:00	3,127.395	32.132	-0.885
13-Oct-18 16:00:00	1,018.957	31.215	-0.917
13-Oct-18 17:00:00	0.000	30.248	-0.967
13-Oct-18 18:00:00	1,642.450	33.511	3.263
13-Oct-18 19:00:00	1,030.934	36.135	2.624
13-Oct-18 20:00:00	1,027.496	35.203	-0.932
13-Oct-18 21:00:00	1,025.164	34.168	-1.035
13-Oct-18 22:00:00	1,024.073	33.042	-1.126
13-Oct-18 23:00:00	1,021.317	32.124	-0.919
14-Oct-18 00:00:00	1,021.732	31.157	-0.967
14-Oct-18 01:00:00	1,010.056	30.233	-0.924
14-Oct-18 02:00:00	1,649.306	33.744	3.511
14-Oct-18 03:00:00	0.000	36.015	2.271
14-Oct-18 04:00:00	3,024.739	35.033	-0.982
14-Oct-18 05:00:00	1,021.540	34.101	-0.932
14-Oct-18 06:00:00	1,017.963	33.167	-0.934
14-Oct-18 07:00:00	1,024.023	32.267	-0.900
14-Oct-18 08:00:00	1,010.918	31.296	-0.971
14-Oct-18 09:00:00	0.000	30.383	-0.913
14-Oct-18 10:00:00	1,651.171	32.853	2.470
14-Oct-18 11:00:00	1,029.638	36.311	3.458
14-Oct-18 12:00:00	0.000	35.360	-0.951
14-Oct-18 13:00:00	2,917.872	34.447	-0.913
14-Oct-18 14:00:00	999.734	33.541	-0.907
14-Oct-18 15:00:00	0.000	32.641	-0.900
14-Oct-18 16:00:00	3,071.655	31.688	-0.953
14-Oct-18 17:00:00	1,020.277	30.783	-0.905
14-Oct-18 18:00:00	1,644.563	30.809	0.027
14-Oct-18 19:00:00	1,652.992	35.699	4.890
14-Oct-18 20:00:00	1,026.004	35.753	0.053
14-Oct-18 21:00:00	1,004.126	34.859	-0.894
14-Oct-18 22:00:00	989.699	33.771	-1.087
14-Oct-18 23:00:00	984.936	32.732	-1.040
15-Oct-18 00:00:00	982.342	31.828	-0.904
15-Oct-18 01:00:00	975.834	31.108	-0.720
15-Oct-18 02:00:00	1,728.598	30.518	-0.590
15-Oct-18 03:00:00	2,057.302	30.380	-0.138
15-Oct-18 04:00:00	1,034.333	30.325	-0.055
15-Oct-18 05:00:00	1,635.824	32.245	1.920
15-Oct-18 06:00:00	2,327.458	36.403	4.158
15-Oct-18 07:00:00	1,033.903	35.498	-0.905
15-Oct-18 08:00:00	972.634	34.585	-0.913
15-Oct-18 09:00:00	967.646	33.648	-0.937
15-Oct-18 10:00:00	970.026	32.728	-0.920
15-Oct-18 11:00:00	978.315	32.371	-0.356
15-Oct-18 12:00:00	972.965	31.752	-0.619
15-Oct-18 13:00:00	976.601	31.246	-0.506
15-Oct-18 14:00:00	978.976	31.006	-0.240
15-Oct-18 15:00:00	2,578.471	30.690	-0.316
15-Oct-18 16:00:00	1,028.059	30.101	-0.590
15-Oct-18 17:00:00	1,622.138	34.490	4.389
15-Oct-18 18:00:00	3,046.673	36.136	1.646
15-Oct-18 19:00:00	1,028.360	35.552	-0.584
15-Oct-18 20:00:00	2,729.969	35.201	-0.351
15-Oct-18 21:00:00	1,027.760	35.152	-0.049
15-Oct-18 22:00:00	1,217.514	35.097	-0.055
15-Oct-18 23:00:00	2,416.997	35.042	-0.055
16-Oct-18 00:00:00	1,822.620	34.987	-0.055
16-Oct-18 01:00:00	1,024.397	34.935	-0.052
16-Oct-18 02:00:00	1,028.865	34.699	-0.235
16-Oct-18 03:00:00	2,210.277	34.134	-0.565
16-Oct-18 04:00:00	1,026.280	33.543	-0.591
16-Oct-18 05:00:00	1,019.304	32.962	-0.582
16-Oct-18 06:00:00	1,072.937	32.392	-0.570
16-Oct-18 07:00:00	1,172.360	31.747	-0.645
16-Oct-18 08:00:00	1,989.181	30.882	-0.865
16-Oct-18 09:00:00	1,619.204	30.764	-0.118
16-Oct-18 10:00:00	1,625.511	35.629	4.865
16-Oct-18 11:00:00	1,025.914	35.732	0.103
16-Oct-18 12:00:00	1,017.117	34.822	-0.910
16-Oct-18 13:00:00	1,019.464	33.921	-0.900
16-Oct-18 14:00:00	2,344.385	32.970	-0.952
16-Oct-18 15:00:00	1,028.374	31.786	-1.184
16-Oct-18 16:00:00	1,192.227	30.859	-0.927
16-Oct-18 17:00:00	1,627.188	30.199	-0.660
16-Oct-18 18:00:00	1,622.980	35.269	5.070
16-Oct-18 19:00:00	3,047.302	36.460	1.191

16-Oct-18 20:00:00	1,031.813	36.416	-0.044
16-Oct-18 21:00:00	1,038.369	35.693	-0.724
16-Oct-18 22:00:00	1,859.040	34.747	-0.945
16-Oct-18 23:00:00	1,937.668	33.854	-0.894
17-Oct-18 00:00:00	1,032.725	32.782	-1.072
17-Oct-18 01:00:00	1,017.790	31.779	-1.003
17-Oct-18 02:00:00	1,060.914	30.832	-0.947
17-Oct-18 03:00:00	1,633.750	30.379	-0.453
17-Oct-18 04:00:00	1,636.913	35.785	5.406
17-Oct-18 05:00:00	1,030.919	36.460	0.675
17-Oct-18 06:00:00	1,030.601	35.772	-0.688
17-Oct-18 07:00:00	1,005.569	34.870	-0.902
17-Oct-18 08:00:00	967.889	33.975	-0.895
17-Oct-18 09:00:00	968.548	33.091	-0.884
17-Oct-18 10:00:00	0.000	32.146	-0.945
17-Oct-18 11:00:00	0.000	31.236	-0.909
17-Oct-18 12:00:00	0.000	30.741	-0.495
17-Oct-18 13:00:00	0.000	30.677	-0.065
17-Oct-18 14:00:00	0.000	30.232	-0.444
17-Oct-18 15:00:00	1,627.252	34.356	4.124
17-Oct-18 16:00:00	0.000	35.886	1.530
17-Oct-18 17:00:00	1,054.309	34.758	-1.129
17-Oct-18 18:00:00	1,031.069	33.759	-0.998
17-Oct-18 19:00:00	1,044.503	32.847	-0.912
17-Oct-18 20:00:00	2,458.335	31.957	-0.890
17-Oct-18 21:00:00	1,155.662	31.022	-0.935
17-Oct-18 22:00:00	1,650.268	30.163	-0.859
17-Oct-18 23:00:00	1,652.167	34.991	4.828
18-Oct-18 00:00:00	1,032.247	35.877	0.886
18-Oct-18 01:00:00	968.038	34.929	-0.948
18-Oct-18 02:00:00	992.468	34.019	-0.910
18-Oct-18 03:00:00	983.266	33.128	-0.890
18-Oct-18 04:00:00	984.438	32.240	-0.889
18-Oct-18 05:00:00	1,853.173	31.175	-1.064
18-Oct-18 06:00:00	1,840.058	30.129	-1.046
18-Oct-18 07:00:00	1,645.503	34.415	4.285
18-Oct-18 08:00:00	973.970	35.979	1.564
18-Oct-18 09:00:00	965.754	34.885	-1.094
18-Oct-18 10:00:00	0.000	33.993	-0.892
18-Oct-18 11:00:00	0.000	32.943	-1.050
18-Oct-18 12:00:00	0.000	31.488	-1.455
18-Oct-18 13:00:00	13.936	30.048	-1.440
18-Oct-18 14:00:00	0.000	36.263	6.215
18-Oct-18 15:00:00	0.000	35.462	-0.802
18-Oct-18 16:00:00	2,940.093	34.534	-0.927
18-Oct-18 17:00:00	1,017.707	33.543	-0.991
18-Oct-18 18:00:00	1,011.922	32.460	-1.084
18-Oct-18 19:00:00	1,005.424	31.533	-0.926
18-Oct-18 20:00:00	1,002.223	30.619	-0.915
18-Oct-18 21:00:00	1,594.322	31.595	0.976
18-Oct-18 22:00:00	2,892.334	36.473	4.878
18-Oct-18 23:00:00	1,026.514	35.377	-1.096
19-Oct-18 00:00:00	1,017.978	34.412	-0.964
19-Oct-18 01:00:00	1,013.582	33.505	-0.907
19-Oct-18 02:00:00	1,011.570	32.594	-0.911
19-Oct-18 03:00:00	1,821.027	31.692	-0.902
19-Oct-18 04:00:00	1,030.971	30.803	-0.889
19-Oct-18 05:00:00	1,605.967	30.609	-0.194
19-Oct-18 06:00:00	1,612.836	35.495	4.886
19-Oct-18 07:00:00	1,017.365	35.772	0.277
19-Oct-18 08:00:00	1,021.654	34.857	-0.915
19-Oct-18 09:00:00	1,018.398	33.950	-0.907
19-Oct-18 10:00:00	1,024.864	33.027	-0.923
19-Oct-18 11:00:00	1,004.288	32.114	-0.913
19-Oct-18 12:00:00	1,010.792	31.199	-0.915
19-Oct-18 13:00:00	2,277.238	30.258	-0.941
19-Oct-18 14:00:00	1,609.042	33.700	3.441
19-Oct-18 15:00:00	3,207.315	36.083	2.383
19-Oct-18 16:00:00	1,021.043	35.145	-0.937
19-Oct-18 17:00:00	2,717.589	34.220	-0.925
19-Oct-18 18:00:00	1,383.725	33.123	-1.097
19-Oct-18 19:00:00	2,173.959	32.099	-1.024
19-Oct-18 20:00:00	1,666.181	31.156	-0.943
19-Oct-18 21:00:00	1,821.058	30.218	-0.938
19-Oct-18 22:00:00	1,623.729	33.704	3.486
19-Oct-18 23:00:00	3,240.925	35.982	2.278
20-Oct-18 00:00:00	1,026.757	34.927	-1.055
20-Oct-18 01:00:00	1,025.011	34.003	-0.924

20-Oct-18 02:00:00	1,024.231	33.090	-0.913
20-Oct-18 03:00:00	1,024.423	32.148	-0.942
20-Oct-18 04:00:00	996.648	31.220	-0.928
20-Oct-18 05:00:00	990.577	30.309	-0.911
20-Oct-18 06:00:00	1,622.224	33.284	2.975
20-Oct-18 07:00:00	1,030.620	36.181	2.896
20-Oct-18 08:00:00	1,011.729	35.180	-1.000
20-Oct-18 09:00:00	0.000	34.198	-0.982
20-Oct-18 10:00:00	1,033.093	33.294	-0.904
20-Oct-18 11:00:00	1,024.726	32.368	-0.926
20-Oct-18 12:00:00	1,028.934	31.424	-0.944
20-Oct-18 13:00:00	2,467.436	30.517	-0.907
20-Oct-18 14:00:00	1,617.443	32.310	1.793
20-Oct-18 15:00:00	3,141.098	36.352	4.042
20-Oct-18 16:00:00	1,029.427	35.433	-0.919
20-Oct-18 17:00:00	1,212.036	34.497	-0.936
20-Oct-18 18:00:00	2,106.098	33.502	-0.994
20-Oct-18 19:00:00	1,571.120	32.395	-1.107
20-Oct-18 20:00:00	2,669.234	31.448	-0.946
20-Oct-18 21:00:00	1,031.923	30.519	-0.929
20-Oct-18 22:00:00	1,625.934	32.299	1.779
20-Oct-18 23:00:00	3,143.242	36.349	4.051
21-Oct-18 00:00:00	1,032.148	35.242	-1.107
21-Oct-18 01:00:00	1,029.139	34.255	-0.988
21-Oct-18 02:00:00	1,015.985	33.322	-0.933
21-Oct-18 03:00:00	1,005.746	32.410	-0.911
21-Oct-18 04:00:00	1,025.196	31.476	-0.934
21-Oct-18 05:00:00	1,021.563	30.533	-0.943
21-Oct-18 06:00:00	1,629.646	32.134	1.601
21-Oct-18 07:00:00	2,568.314	36.394	4.259
21-Oct-18 08:00:00	1,004.879	35.431	-0.963
21-Oct-18 09:00:00	997.325	34.516	-0.914
21-Oct-18 10:00:00	982.813	33.591	-0.925
21-Oct-18 11:00:00	980.673	32.679	-0.913
21-Oct-18 12:00:00	995.599	31.729	-0.950
21-Oct-18 13:00:00	996.991	30.804	-0.925
21-Oct-18 14:00:00	1,620.915	30.614	-0.189
21-Oct-18 15:00:00	1,626.583	35.593	4.979
21-Oct-18 16:00:00	3,277.772	35.733	0.140
21-Oct-18 17:00:00	1,029.141	34.807	-0.926
21-Oct-18 18:00:00	2,931.935	33.885	-0.921
21-Oct-18 19:00:00	1,035.543	32.797	-1.088
21-Oct-18 20:00:00	1,564.964	31.773	-1.024
21-Oct-18 21:00:00	1,055.731	30.826	-0.947
21-Oct-18 22:00:00	1,628.096	30.579	-0.247
21-Oct-18 23:00:00	1,634.552	35.544	4.966
22-Oct-18 00:00:00	1,993.302	35.665	0.121
22-Oct-18 01:00:00	1,021.680	34.610	-1.055
22-Oct-18 02:00:00	1,008.325	33.661	-0.950
22-Oct-18 03:00:00	1,013.065	32.729	-0.932
22-Oct-18 04:00:00	1,008.004	31.794	-0.935
22-Oct-18 05:00:00	1,001.825	30.861	-0.933
22-Oct-18 06:00:00	1,614.680	30.294	-0.567
22-Oct-18 07:00:00	1,630.948	35.190	4.896
22-Oct-18 08:00:00	0.000	35.731	0.541
22-Oct-18 09:00:00	1,028.160	34.812	-0.919
22-Oct-18 10:00:00	1,022.458	33.931	-0.881
22-Oct-18 11:00:00	1,016.052	33.319	-0.611
22-Oct-18 12:00:00	1,408.095	32.707	-0.613
22-Oct-18 13:00:00	1,717.197	32.109	-0.598
22-Oct-18 14:00:00	2,479.631	31.505	-0.604
22-Oct-18 15:00:00	2,013.626	30.905	-0.600
22-Oct-18 16:00:00	1,762.252	30.306	-0.600
22-Oct-18 17:00:00	1,623.246	32.627	2.321
22-Oct-18 18:00:00	3,200.450	36.349	3.722
22-Oct-18 19:00:00	3,296.680	35.770	-0.579
22-Oct-18 20:00:00	1,027.897	35.058	-0.712
22-Oct-18 21:00:00	2,058.524	34.439	-0.619
22-Oct-18 22:00:00	2,016.935	33.833	-0.606
22-Oct-18 23:00:00	1,623.426	33.243	-0.590
23-Oct-18 00:00:00	1,630.873	32.630	-0.613
23-Oct-18 01:00:00	1,626.230	32.078	-0.552
23-Oct-18 02:00:00	1,624.235	31.413	-0.664
23-Oct-18 03:00:00	1,628.158	30.795	-0.618
23-Oct-18 04:00:00	1,621.869	30.176	-0.619
23-Oct-18 05:00:00	1,630.448	33.869	3.693
23-Oct-18 06:00:00	1,066.373	36.187	2.318
23-Oct-18 07:00:00	1,028.995	35.460	-0.727

23-Oct-18 08:00:00	1,029.982	34.481	-0.980
23-Oct-18 09:00:00	1,019.722	33.314	-1.166
23-Oct-18 10:00:00	0.000	32.267	-1.047
23-Oct-18 11:00:00	1,031.389	31.254	-1.013
23-Oct-18 12:00:00	1,025.857	30.194	-1.059
23-Oct-18 13:00:00	1,629.729	33.823	3.629
23-Oct-18 14:00:00	0.000	36.075	2.252
23-Oct-18 15:00:00	3,115.876	35.186	-0.890
23-Oct-18 16:00:00	1,018.582	34.248	-0.938
23-Oct-18 17:00:00	1,013.403	33.292	-0.956
23-Oct-18 18:00:00	1,000.140	32.372	-0.920
23-Oct-18 19:00:00	2,537.466	31.459	-0.913
23-Oct-18 20:00:00	1,320.002	30.540	-0.919
23-Oct-18 21:00:00	1,631.906	31.883	1.343
23-Oct-18 22:00:00	2,791.649	36.468	4.585
23-Oct-18 23:00:00	1,750.174	36.086	-0.382
24-Oct-18 00:00:00	1,024.798	36.006	-0.080
24-Oct-18 01:00:00	1,009.854	35.932	-0.074
24-Oct-18 02:00:00	1,021.715	35.856	-0.076
24-Oct-18 03:00:00	1,021.619	35.186	-0.670
24-Oct-18 04:00:00	2,305.239	34.248	-0.938
24-Oct-18 05:00:00	1,634.225	33.326	-0.922
24-Oct-18 06:00:00	1,022.844	32.542	-0.784
24-Oct-18 07:00:00	1,026.167	31.845	-0.697
24-Oct-18 08:00:00	1,029.018	30.935	-0.910
24-Oct-18 09:00:00	1,021.528	30.044	-0.891
24-Oct-18 10:00:00	1,632.509	34.776	4.732
24-Oct-18 11:00:00	1,024.708	35.879	1.103
24-Oct-18 12:00:00	1,018.808	34.964	-0.915
24-Oct-18 13:00:00	1,723.797	34.020	-0.943
24-Oct-18 14:00:00	2,506.098	32.896	-1.124
24-Oct-18 15:00:00	2,465.180	31.964	-0.932
24-Oct-18 16:00:00	1,595.801	31.030	-0.934
24-Oct-18 17:00:00	2,499.854	30.103	-0.927
24-Oct-18 18:00:00	1,638.467	34.885	4.783
24-Oct-18 19:00:00	3,279.818	36.460	1.575
24-Oct-18 20:00:00	1,027.987	36.372	-0.088
24-Oct-18 21:00:00	1,000.446	36.317	-0.055
24-Oct-18 22:00:00	2,725.631	36.250	-0.067
24-Oct-18 23:00:00	1,028.480	35.691	-0.559
25-Oct-18 00:00:00	1,032.502	34.760	-0.932
25-Oct-18 01:00:00	1,031.366	33.851	-0.909
25-Oct-18 02:00:00	1,018.106	32.910	-0.941
25-Oct-18 03:00:00	1,021.387	31.998	-0.912
25-Oct-18 04:00:00	1,008.919	31.167	-0.831
25-Oct-18 05:00:00	1,066.850	30.183	-0.984
25-Oct-18 06:00:00	1,627.679	33.993	3.810
25-Oct-18 07:00:00	2,246.093	36.069	2.076
25-Oct-18 08:00:00	969.243	35.153	-0.915
25-Oct-18 09:00:00	969.164	34.492	-0.662
25-Oct-18 10:00:00	976.814	34.424	-0.068
25-Oct-18 11:00:00	974.943	34.347	-0.078
25-Oct-18 12:00:00	976.932	33.527	-0.819
25-Oct-18 13:00:00	989.364	32.568	-0.959
25-Oct-18 14:00:00	2,514.210	31.493	-1.075
25-Oct-18 15:00:00	1,687.012	30.499	-0.994
25-Oct-18 16:00:00	1,624.781	32.317	1.818
25-Oct-18 17:00:00	3,206.282	36.482	4.165
25-Oct-18 18:00:00	3,267.094	36.418	-0.064
25-Oct-18 19:00:00	1,016.316	35.997	-0.422
25-Oct-18 20:00:00	2,913.678	35.097	-0.900
25-Oct-18 21:00:00	1,032.934	34.144	-0.953
25-Oct-18 22:00:00	1,008.578	33.217	-0.927
25-Oct-18 23:00:00	2,698.010	32.168	-1.049
26-Oct-18 00:00:00	1,032.442	31.118	-1.050
26-Oct-18 01:00:00	1,033.819	30.184	-0.934
26-Oct-18 02:00:00	1,624.829	33.762	3.578
26-Oct-18 03:00:00	2,690.856	36.396	2.634
26-Oct-18 04:00:00	983.417	35.441	-0.954
26-Oct-18 05:00:00	1,032.677	34.534	-0.908
26-Oct-18 06:00:00	1,031.638	33.683	-0.851
26-Oct-18 07:00:00	1,005.577	33.601	-0.081
26-Oct-18 08:00:00	965.539	33.513	-0.088
26-Oct-18 09:00:00	973.074	33.426	-0.088
26-Oct-18 10:00:00	981.868	32.607	-0.818
26-Oct-18 11:00:00	965.524	31.668	-0.939
26-Oct-18 12:00:00	2,580.002	30.726	-0.942
26-Oct-18 13:00:00	1,622.412	31.191	0.465

26-Oct-18 14:00:00	2,999.479	36.482	5.292
26-Oct-18 15:00:00	3,133.629	36.317	-0.165
26-Oct-18 16:00:00	1,026.008	36.240	-0.077
26-Oct-18 17:00:00	2,885.406	36.131	-0.109
26-Oct-18 18:00:00	2,133.964	36.042	-0.089
26-Oct-18 19:00:00	2,815.807	35.937	-0.105
26-Oct-18 20:00:00	1,851.189	35.664	-0.272
26-Oct-18 21:00:00	2,165.193	34.698	-0.967
26-Oct-18 22:00:00	2,168.106	33.504	-1.194
26-Oct-18 23:00:00	2,162.658	32.522	-0.982
27-Oct-18 00:00:00	1,031.324	31.576	-0.946
27-Oct-18 01:00:00	1,022.634	30.662	-0.914
27-Oct-18 02:00:00	1,627.830	31.734	1.072
27-Oct-18 03:00:00	2,779.319	36.472	4.738
27-Oct-18 04:00:00	1,016.258	36.167	-0.305
27-Oct-18 05:00:00	990.251	35.803	-0.364
27-Oct-18 06:00:00	1,048.816	34.952	-0.851
27-Oct-18 07:00:00	969.044	34.011	-0.941
27-Oct-18 08:00:00	1,042.474	33.070	-0.940
27-Oct-18 09:00:00	970.949	32.108	-0.963
27-Oct-18 10:00:00	973.747	31.170	-0.938
27-Oct-18 11:00:00	978.517	30.223	-0.946
27-Oct-18 12:00:00	1,630.776	33.798	3.575
27-Oct-18 13:00:00	3,180.036	36.034	2.236
27-Oct-18 14:00:00	1,031.620	34.874	-1.160
27-Oct-18 15:00:00	1,609.116	33.919	-0.955
27-Oct-18 16:00:00	2,212.646	32.965	-0.954
27-Oct-18 17:00:00	2,470.246	32.052	-0.912
27-Oct-18 18:00:00	2,263.386	31.303	-0.749
27-Oct-18 19:00:00	2,258.646	30.334	-0.969
27-Oct-18 20:00:00	2,505.646	30.160	-0.175
27-Oct-18 21:00:00	2,507.781	30.062	-0.097
27-Oct-18 22:00:00	1,625.078	32.231	2.169
27-Oct-18 23:00:00	2,783.128	36.361	4.130
28-Oct-18 00:00:00	1,033.994	35.390	-0.971
28-Oct-18 01:00:00	1,030.511	34.430	-0.961
28-Oct-18 02:00:00	1,487.832	33.514	-0.915
28-Oct-18 03:00:00	1,937.161	32.887	-0.628
28-Oct-18 04:00:00	1,960.134	32.641	-0.246
28-Oct-18 05:00:00	1,031.125	31.725	-0.915
28-Oct-18 06:00:00	1,031.560	30.644	-1.081
28-Oct-18 07:00:00	1,035.123	30.358	-0.286
28-Oct-18 08:00:00	1,636.599	33.885	3.527
28-Oct-18 09:00:00	1,029.390	36.059	2.173
28-Oct-18 10:00:00	1,033.360	35.202	-0.857
28-Oct-18 11:00:00	1,034.924	34.759	-0.442
28-Oct-18 12:00:00	1,029.528	34.439	-0.320
28-Oct-18 13:00:00	1,029.018	34.338	-0.101
28-Oct-18 14:00:00	1,028.471	33.777	-0.561
28-Oct-18 15:00:00	2,497.475	32.818	-0.959
28-Oct-18 16:00:00	1,913.108	31.852	-0.966
28-Oct-18 17:00:00	2,207.765	30.911	-0.941
28-Oct-18 18:00:00	1,630.276	30.165	-0.747
28-Oct-18 19:00:00	1,634.988	35.113	4.949
28-Oct-18 20:00:00	1,031.709	35.821	0.707
28-Oct-18 21:00:00	1,028.794	35.430	-0.391
28-Oct-18 22:00:00	2,681.121	34.586	-0.844
28-Oct-18 23:00:00	2,415.837	33.955	-0.631
29-Oct-18 00:00:00	1,029.019	33.747	-0.208
29-Oct-18 01:00:00	1,030.476	33.522	-0.225
29-Oct-18 02:00:00	1,030.681	32.896	-0.626
29-Oct-18 03:00:00	1,379.067	32.276	-0.620
29-Oct-18 04:00:00	2,032.569	31.661	-0.615
29-Oct-18 05:00:00	1,024.197	31.031	-0.631
29-Oct-18 06:00:00	1,032.665	30.419	-0.611
29-Oct-18 07:00:00	1,631.962	31.642	1.222
29-Oct-18 08:00:00	2,303.652	36.481	4.840
29-Oct-18 09:00:00	1,020.105	36.405	-0.076
29-Oct-18 10:00:00	1,029.823	36.317	-0.088
29-Oct-18 11:00:00	1,014.932	36.224	-0.093
29-Oct-18 12:00:00	1,017.155	35.374	-0.851
29-Oct-18 13:00:00	2,255.887	34.442	-0.932
29-Oct-18 14:00:00	2,102.333	33.419	-1.022
29-Oct-18 15:00:00	1,020.876	32.315	-1.104
29-Oct-18 16:00:00	2,483.453	31.374	-0.941
29-Oct-18 17:00:00	1,810.912	30.438	-0.936
29-Oct-18 18:00:00	1,630.945	32.700	2.262
29-Oct-18 19:00:00	3,194.899	36.287	3.587

29-Oct-18 20:00:00	3,288.222	35.187	-1.100	
29-Oct-18 21:00:00	1,029.182	34.185	-1.002	
29-Oct-18 22:00:00	1,017.728	33.248	-0.937	
29-Oct-18 23:00:00	2,503.756	32.302	-0.946	
30-Oct-18 00:00:00	1,690.081	31.366	-0.936	
30-Oct-18 01:00:00	1,015.588	30.429	-0.937	
30-Oct-18 02:00:00	1,637.892	32.712	2.283	
30-Oct-18 03:00:00	2,735.543	36.261	3.549	
30-Oct-18 04:00:00	1,027.170	35.206	-1.055	
30-Oct-18 05:00:00	1,021.493	34.263	-0.943	
30-Oct-18 06:00:00	998.550	33.330	-0.933	
30-Oct-18 07:00:00	995.087	32.721	-0.609	
30-Oct-18 08:00:00	992.448	32.571	-0.150	
30-Oct-18 09:00:00	994.154	32.392	-0.179	
30-Oct-18 10:00:00	973.336	32.175	-0.217	
30-Oct-18 11:00:00	978.945	31.220	-0.954	
30-Oct-18 12:00:00	1,067.593	30.190	-1.030	
30-Oct-18 13:00:00	1,626.177	33.760	3.570	
30-Oct-18 14:00:00	3,244.690	36.118	2.358	
30-Oct-18 15:00:00	1,023.284	35.173	-0.945	
30-Oct-18 16:00:00	2,719.558	34.232	-0.941	
30-Oct-18 17:00:00	1,024.855	33.605	-0.627	
30-Oct-18 18:00:00	3,035.251	33.293	-0.312	
30-Oct-18 19:00:00	2,667.321	33.178	-0.116	
30-Oct-18 20:00:00	1,030.778	32.586	-0.591	
30-Oct-18 21:00:00	2,786.372	31.954	-0.632	
30-Oct-18 22:00:00	1,486.917	31.295	-0.659	
30-Oct-18 23:00:00	1,033.235	30.305	-0.990	
31-Oct-18 00:00:00	1,620.670	32.643	2.338	
			-32.643	
			0.000	
			0.000	
			0.000	
			0.000	
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			0.000	15189.873 gal/ft
			0.000	
			0.000	
	755,284.234		371.942	
	45,317,054.048		5,649,752.517	50,966,806.566 Gallons

BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01
BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01
BLYPI100
1h
11/1/2018 0:00

11/30/2018 0:00

54,520,359 Gallons

	Circ Water Makeup Flow	Raw Water Tank Level	
01-Nov-18 00:00:00	1035.97	36.14	
01-Nov-18 01:00:00	2685.37	36.04	-0.10
01-Nov-18 02:00:00	1030.92	35.76	-0.29
01-Nov-18 03:00:00	1027.08	35.13	-0.62
01-Nov-18 04:00:00	1009.64	34.14	-0.99
01-Nov-18 05:00:00	1030.55	33.05	-1.09
01-Nov-18 06:00:00	1026.39	31.96	-1.09
01-Nov-18 07:00:00	969.73	31.01	-0.95
01-Nov-18 08:00:00	965.47	30.13	-0.87
01-Nov-18 09:00:00	1619.60	34.21	4.07
01-Nov-18 10:00:00	1025.70	36.01	1.80
01-Nov-18 11:00:00	1025.24	34.91	-1.10
01-Nov-18 12:00:00	1014.81	33.77	-1.14
01-Nov-18 13:00:00	1011.78	32.59	-1.19
01-Nov-18 14:00:00	1021.86	31.71	-0.87
01-Nov-18 15:00:00	2256.90	30.79	-0.92
01-Nov-18 16:00:00	1626.27	30.86	0.07
01-Nov-18 17:00:00	1621.42	35.82	4.96
01-Nov-18 18:00:00	2404.80	35.77	-0.04
01-Nov-18 19:00:00	1169.42	35.42	-0.36
01-Nov-18 20:00:00	2128.02	35.32	-0.10
01-Nov-18 21:00:00	1612.54	34.74	-0.58
01-Nov-18 22:00:00	0.00	33.77	-0.96
01-Nov-18 23:00:00	2796.16	32.81	-0.96
02-Nov-18 00:00:00	1026.48	31.88	-0.93
02-Nov-18 01:00:00	0.00	30.97	-0.91
02-Nov-18 02:00:00	3024.25	30.78	-0.19
02-Nov-18 03:00:00	0.00	30.69	-0.09
02-Nov-18 04:00:00	1037.18	30.18	-0.51
02-Nov-18 05:00:00	1622.20	34.08	3.90
02-Nov-18 06:00:00	992.07	36.02	1.94
02-Nov-18 07:00:00	0.00	35.05	-0.97
02-Nov-18 08:00:00	2909.94	34.11	-0.94
02-Nov-18 09:00:00	968.73	33.17	-0.93
02-Nov-18 10:00:00	981.39	32.02	-1.16
02-Nov-18 11:00:00	983.72	31.09	-0.93
02-Nov-18 12:00:00	987.64	30.18	-0.90
02-Nov-18 13:00:00	1620.10	34.12	3.94
02-Nov-18 14:00:00	1020.84	36.02	1.90
02-Nov-18 15:00:00	1020.49	35.03	-0.99
02-Nov-18 16:00:00	1983.00	34.16	-0.87
02-Nov-18 17:00:00	1015.96	33.23	-0.93
02-Nov-18 18:00:00	2595.78	32.31	-0.92
02-Nov-18 19:00:00	1793.57	31.38	-0.93
02-Nov-18 20:00:00	2380.78	30.46	-0.92
02-Nov-18 21:00:00	1632.65	31.88	1.41
02-Nov-18 22:00:00	2821.27	36.41	4.53
02-Nov-18 23:00:00	1032.98	35.60	-0.81
03-Nov-18 00:00:00	1034.76	34.42	-1.18
03-Nov-18 01:00:00	1031.94	33.49	-0.93
03-Nov-18 02:00:00	1032.26	32.64	-0.85
03-Nov-18 03:00:00	1012.87	32.50	-0.14
03-Nov-18 04:00:00	1032.44	31.89	-0.61
03-Nov-18 05:00:00	19.34	30.96	-0.94
03-Nov-18 06:00:00	1033.01	30.65	-0.30
03-Nov-18 07:00:00	1671.72	30.47	-0.18
03-Nov-18 08:00:00	1659.76	35.32	4.85
03-Nov-18 09:00:00	0.00	35.81	0.49
03-Nov-18 10:00:00	0.00	34.88	-0.92
03-Nov-18 11:00:00	0.00	33.95	-0.94
03-Nov-18 12:00:00	0.00	33.01	-0.94
03-Nov-18 13:00:00	1024.76	31.91	-1.10
03-Nov-18 14:00:00	0.00	30.75	-1.16
03-Nov-18 15:00:00	1636.56	31.04	0.29
03-Nov-18 16:00:00	1635.26	36.35	5.30
03-Nov-18 17:00:00	3048.27	36.43	0.08
03-Nov-18 18:00:00	1022.76	36.35	-0.08
03-Nov-18 19:00:00	1024.72	35.58	-0.77

03-Nov-18 20:00:00	1021.18	34.62	-0.97
03-Nov-18 21:00:00	1004.05	33.51	-1.11
03-Nov-18 22:00:00	0.00	32.48	-1.02
03-Nov-18 23:00:00	1046.54	31.53	-0.96
04-Nov-18 00:00:00	1020.57	30.54	-0.99
04-Nov-18 01:00:00	1622.45	32.11	1.57
04-Nov-18 01:00:00	3107.65	36.39	4.28
04-Nov-18 02:00:00	1027.63	35.46	-0.93
04-Nov-18 03:00:00	1022.26	34.37	-1.08
04-Nov-18 04:00:00	1031.50	33.32	-1.05
04-Nov-18 05:00:00	1035.74	32.39	-0.93
04-Nov-18 06:00:00	1031.22	31.40	-0.99
04-Nov-18 07:00:00	964.82	30.47	-0.93
04-Nov-18 08:00:00	1627.83	32.47	2.00
04-Nov-18 09:00:00	2747.28	36.30	3.84
04-Nov-18 10:00:00	1030.12	35.37	-0.94
04-Nov-18 11:00:00	1019.51	34.43	-0.94
04-Nov-18 12:00:00	2559.92	33.49	-0.94
04-Nov-18 13:00:00	1033.12	32.52	-0.97
04-Nov-18 14:00:00	1014.03	31.79	-0.73
04-Nov-18 15:00:00	2814.72	31.43	-0.36
04-Nov-18 16:00:00	1192.56	30.96	-0.47
04-Nov-18 17:00:00	1626.45	30.13	-0.83
04-Nov-18 18:00:00	1637.75	35.07	4.93
04-Nov-18 19:00:00	2068.06	35.85	0.78
04-Nov-18 20:00:00	1015.05	34.90	-0.95
04-Nov-18 21:00:00	1016.74	33.95	-0.95
04-Nov-18 22:00:00	2217.70	32.91	-1.04
04-Nov-18 23:00:00	2192.22	31.82	-1.09
05-Nov-18 00:00:00	1035.04	30.81	-1.00
05-Nov-18 01:00:00	1644.05	30.71	-0.11
05-Nov-18 02:00:00	1651.80	36.43	5.72
05-Nov-18 03:00:00	1028.04	36.09	-0.34
05-Nov-18 04:00:00	1031.32	35.16	-0.93
05-Nov-18 05:00:00	1033.56	34.24	-0.92
05-Nov-18 06:00:00	1001.27	33.93	-0.31
05-Nov-18 07:00:00	989.54	33.84	-0.09
05-Nov-18 08:00:00	971.49	32.93	-0.91
05-Nov-18 09:00:00	999.90	31.82	-1.11
05-Nov-18 10:00:00	987.47	30.87	-0.95
05-Nov-18 11:00:00	1626.95	30.39	-0.48
05-Nov-18 12:00:00	1631.72	35.34	4.95
05-Nov-18 13:00:00	0.00	35.74	0.40
05-Nov-18 14:00:00	4.76	35.50	-0.25
05-Nov-18 15:00:00	1030.91	35.43	-0.07
05-Nov-18 16:00:00	1009.99	35.35	-0.08
05-Nov-18 17:00:00	984.32	35.25	-0.10
05-Nov-18 18:00:00	987.39	34.29	-0.96
05-Nov-18 19:00:00	2532.64	33.34	-0.95
05-Nov-18 20:00:00	1066.39	32.40	-0.93
05-Nov-18 21:00:00	2330.42	31.46	-0.94
05-Nov-18 22:00:00	2167.93	30.53	-0.93
05-Nov-18 23:00:00	1610.45	32.10	1.57
06-Nov-18 00:00:00	2528.22	36.40	4.31
06-Nov-18 01:00:00	1029.55	35.39	-1.01
06-Nov-18 02:00:00	1031.94	34.47	-0.92
06-Nov-18 03:00:00	1064.88	33.54	-0.93
06-Nov-18 04:00:00	1069.05	32.85	-0.69
06-Nov-18 05:00:00	1121.31	32.77	-0.08
06-Nov-18 06:00:00	1112.68	32.36	-0.41
06-Nov-18 07:00:00	1128.33	31.36	-1.01
06-Nov-18 08:00:00	965.48	30.10	-1.26
06-Nov-18 09:00:00	0.00	36.37	6.28
06-Nov-18 10:00:00	0.00	35.43	-0.94
06-Nov-18 11:00:00	0.00	34.40	-1.03
06-Nov-18 12:00:00	0.00	33.94	-0.46
06-Nov-18 13:00:00	0.00	33.62	-0.32
06-Nov-18 14:00:00	0.00	33.40	-0.22
06-Nov-18 15:00:00	2537.82	33.34	-0.07
06-Nov-18 16:00:00	1015.51	33.26	-0.08
06-Nov-18 17:00:00	978.92	33.17	-0.08
06-Nov-18 18:00:00	2640.55	33.11	-0.07
06-Nov-18 19:00:00	1190.34	33.04	-0.07
06-Nov-18 20:00:00	2376.86	32.46	-0.58
06-Nov-18 21:00:00	2348.24	31.55	-0.91
06-Nov-18 22:00:00	1034.70	30.62	-0.93
06-Nov-18 23:00:00	1603.51	32.11	1.49
07-Nov-18 00:00:00	2371.08	36.39	4.27

07-Nov-18 01:00:00	1035.18		35.47	-0.91
07-Nov-18 02:00:00	1018.40		34.57	-0.90
07-Nov-18 03:00:00	997.62		33.67	-0.90
07-Nov-18 04:00:00	994.20		32.78	-0.89
07-Nov-18 05:00:00	1109.95		31.88	-0.90
07-Nov-18 06:00:00	1126.93		30.98	-0.90
07-Nov-18 07:00:00	1193.37		30.08	-0.90
07-Nov-18 08:00:00	1619.15		34.61	4.53
07-Nov-18 09:00:00	1030.74		35.93	1.33
07-Nov-18 10:00:00	0.00		34.94	-1.00
07-Nov-18 11:00:00	3007.61		34.43	-0.51
07-Nov-18 12:00:00	1013.70		33.51	-0.92
07-Nov-18 13:00:00	0.75		32.60	-0.91
07-Nov-18 14:00:00	3024.62		31.70	-0.90
07-Nov-18 15:00:00	1023.93		30.78	-0.92
07-Nov-18 16:00:00	1605.56		30.92	0.14
07-Nov-18 17:00:00	1607.70		35.72	4.80
07-Nov-18 18:00:00	1026.30		35.74	0.02
07-Nov-18 19:00:00	2479.35		34.83	-0.92
07-Nov-18 20:00:00	1747.30		33.93	-0.90
07-Nov-18 21:00:00	1614.38		33.01	-0.91
07-Nov-18 22:00:00	1734.60		32.11	-0.90
07-Nov-18 23:00:00	0.00		31.95	-0.17
08-Nov-18 00:00:00	0.00		31.92	-0.03
08-Nov-18 01:00:00	0.00		31.91	-0.01
08-Nov-18 02:00:00	0.00		31.89	-0.02
08-Nov-18 03:00:00	0.00		31.81	-0.08
08-Nov-18 04:00:00	0.00		31.55	-0.26
08-Nov-18 05:00:00	0.00		30.81	-0.74
08-Nov-18 06:00:00	0.00		30.03	-0.78
08-Nov-18 07:00:00	0.00		36.48	6.45
08-Nov-18 08:00:00	0.00		36.28	-0.20
08-Nov-18 09:00:00	0.00		36.11	-0.18
08-Nov-18 10:00:00	0.00		36.04	-0.06
08-Nov-18 11:00:00	Comm Fail	Comm Fail		#VALUE!
08-Nov-18 12:00:00	Comm Fail	Comm Fail		#VALUE!
08-Nov-18 13:00:00	0.00		35.11	#VALUE!
08-Nov-18 14:00:00	0.00		35.04	-0.07
08-Nov-18 15:00:00	1025.66		34.97	-0.07
08-Nov-18 16:00:00	0.00		34.20	-0.77
08-Nov-18 17:00:00	2273.98		33.19	-1.01
08-Nov-18 18:00:00	1020.31		32.21	-0.98
08-Nov-18 19:00:00	1002.28		31.25	-0.96
08-Nov-18 20:00:00	976.64		30.31	-0.94
08-Nov-18 21:00:00	1584.31		33.43	3.12
08-Nov-18 22:00:00	2607.12		36.14	2.71
08-Nov-18 23:00:00	1038.49		35.17	-0.97
09-Nov-18 00:00:00	2339.04		34.14	-1.03
09-Nov-18 01:00:00	1030.43		33.04	-1.10
09-Nov-18 02:00:00	1108.14		32.08	-0.96
09-Nov-18 03:00:00	1031.71		31.16	-0.91
09-Nov-18 04:00:00	1030.05		30.21	-0.95
09-Nov-18 05:00:00	1599.40		33.81	3.60
09-Nov-18 06:00:00	1706.79		36.31	2.50
09-Nov-18 07:00:00	1000.44		35.33	-0.98
09-Nov-18 08:00:00	968.06		34.42	-0.92
09-Nov-18 09:00:00	969.78		33.49	-0.93
09-Nov-18 10:00:00	0.00		32.58	-0.91
09-Nov-18 11:00:00	3071.50		31.65	-0.93
09-Nov-18 12:00:00	1028.07		30.71	-0.94
09-Nov-18 13:00:00	1586.63		31.31	0.60
09-Nov-18 14:00:00	1589.10		36.36	5.05
09-Nov-18 15:00:00	1029.04		35.44	-0.93
09-Nov-18 16:00:00	3151.72		34.50	-0.94
09-Nov-18 17:00:00	1025.67		33.56	-0.94
09-Nov-18 18:00:00	1010.61		32.64	-0.93
09-Nov-18 19:00:00	1006.11		31.67	-0.96
09-Nov-18 20:00:00	2350.82		30.73	-0.94
09-Nov-18 21:00:00	1604.57		31.02	0.29
09-Nov-18 22:00:00	1614.51		36.05	5.03
09-Nov-18 23:00:00	1045.51		35.66	-0.39
10-Nov-18 00:00:00	1025.95		35.16	-0.50
10-Nov-18 01:00:00	1033.20		35.10	-0.07
10-Nov-18 02:00:00	1035.11		34.20	-0.90
10-Nov-18 03:00:00	1014.15		33.07	-1.12
10-Nov-18 04:00:00	1026.98		32.02	-1.06
10-Nov-18 05:00:00	1020.96		31.42	-0.59
10-Nov-18 06:00:00	1007.54		31.34	-0.08

10-Nov-18 07:00:00	1012.23	30.47	-0.87
10-Nov-18 08:00:00	1631.83	32.51	2.04
10-Nov-18 09:00:00	1030.57	36.48	3.98
10-Nov-18 10:00:00	980.56	36.37	-0.11
10-Nov-18 11:00:00	993.56	35.77	-0.60
10-Nov-18 12:00:00	0.00	34.97	-0.81
10-Nov-18 13:00:00	2906.42	33.86	-1.10
10-Nov-18 14:00:00	1026.19	32.88	-0.98
10-Nov-18 15:00:00	1019.63	31.89	-0.99
10-Nov-18 16:00:00	1004.78	31.19	-0.70
10-Nov-18 17:00:00	1001.79	31.11	-0.08
10-Nov-18 18:00:00	990.38	31.03	-0.08
10-Nov-18 19:00:00	2308.80	30.96	-0.07
10-Nov-18 20:00:00	2103.40	30.87	-0.08
10-Nov-18 21:00:00	988.15	30.68	-0.19
10-Nov-18 22:00:00	1060.59	30.07	-0.61
10-Nov-18 23:00:00	1659.10	34.66	4.60
11-Nov-18 00:00:00	3014.33	36.12	1.45
11-Nov-18 01:00:00	1037.37	35.63	-0.48
11-Nov-18 02:00:00	1005.76	35.46	-0.17
11-Nov-18 03:00:00	1036.29	35.37	-0.09
11-Nov-18 04:00:00	966.30	35.30	-0.07
11-Nov-18 05:00:00	1033.57	34.80	-0.50
11-Nov-18 06:00:00	1021.63	34.20	-0.60
11-Nov-18 07:00:00	0.05	33.51	-0.69
11-Nov-18 08:00:00	0.00	32.51	-1.00
11-Nov-18 09:00:00	1023.88	31.51	-0.99
11-Nov-18 10:00:00	1030.90	30.58	-0.94
11-Nov-18 11:00:00	1608.70	31.81	1.23
11-Nov-18 12:00:00	0.05	36.42	4.62
11-Nov-18 13:00:00	2771.74	35.53	-0.89
11-Nov-18 14:00:00	1027.00	34.62	-0.91
11-Nov-18 15:00:00	1020.16	33.73	-0.89
11-Nov-18 16:00:00	1016.44	33.26	-0.47
11-Nov-18 17:00:00	1004.49	33.01	-0.25
11-Nov-18 18:00:00	1001.53	32.16	-0.85
11-Nov-18 19:00:00	1968.40	31.19	-0.97
11-Nov-18 20:00:00	1920.36	30.21	-0.98
11-Nov-18 21:00:00	1605.60	34.16	3.95
11-Nov-18 22:00:00	2115.64	36.46	2.30
11-Nov-18 23:00:00	1028.76	36.37	-0.09
12-Nov-18 00:00:00	1033.43	35.99	-0.38
12-Nov-18 01:00:00	1012.30	35.38	-0.61
12-Nov-18 02:00:00	1608.94	34.82	-0.56
12-Nov-18 03:00:00	2045.59	34.10	-0.72
12-Nov-18 04:00:00	1008.96	33.54	-0.56
12-Nov-18 05:00:00	1027.59	32.98	-0.56
12-Nov-18 06:00:00	1075.83	32.48	-0.50
12-Nov-18 07:00:00	2426.80	32.41	-0.07
12-Nov-18 08:00:00	964.59	32.34	-0.08
12-Nov-18 09:00:00	966.26	31.82	-0.51
12-Nov-18 10:00:00	971.99	31.23	-0.59
12-Nov-18 11:00:00	986.90	30.64	-0.59
12-Nov-18 12:00:00	0.00	30.05	-0.59
12-Nov-18 13:00:00	1610.11	35.36	5.31
12-Nov-18 14:00:00	2969.37	36.44	1.08
12-Nov-18 15:00:00	1020.07	36.30	-0.14
12-Nov-18 16:00:00	1008.07	35.70	-0.60
12-Nov-18 17:00:00	999.07	35.11	-0.59
12-Nov-18 18:00:00	997.35	34.51	-0.60
12-Nov-18 19:00:00	2420.14	33.93	-0.57
12-Nov-18 20:00:00	1040.01	33.32	-0.61
12-Nov-18 21:00:00	2522.31	32.73	-0.59
12-Nov-18 22:00:00	1106.83	32.15	-0.58
12-Nov-18 23:00:00	1274.50	31.86	-0.29
13-Nov-18 00:00:00	1195.60	31.79	-0.08
13-Nov-18 01:00:00	1229.85	31.43	-0.36
13-Nov-18 02:00:00	1276.41	30.85	-0.58
13-Nov-18 03:00:00	1354.82	30.26	-0.59
13-Nov-18 04:00:00	1314.91	30.07	-0.19
13-Nov-18 05:00:00	1696.91	35.59	5.51
13-Nov-18 06:00:00	1034.09	36.14	0.55
13-Nov-18 07:00:00	992.53	35.48	-0.66
13-Nov-18 08:00:00	964.32	34.29	-1.18
13-Nov-18 09:00:00	0.00	33.21	-1.08
13-Nov-18 10:00:00	0.00	32.27	-0.94
13-Nov-18 11:00:00	0.00	31.22	-1.05
13-Nov-18 12:00:00	0.00	30.18	-1.04

13-Nov-18 13:00:00	0.00	36.49	6.31
13-Nov-18 14:00:00	0.00	35.50	-1.00
13-Nov-18 15:00:00	3172.17	34.56	-0.94
13-Nov-18 16:00:00	1029.18	33.56	-1.00
13-Nov-18 17:00:00	1029.29	32.63	-0.93
13-Nov-18 18:00:00	990.30	31.69	-0.94
13-Nov-18 19:00:00	1013.19	30.77	-0.92
13-Nov-18 20:00:00	1694.44	30.88	0.10
13-Nov-18 21:00:00	1699.58	35.85	4.97
13-Nov-18 22:00:00	1034.72	35.53	-0.32
13-Nov-18 23:00:00	985.49	34.59	-0.94
14-Nov-18 00:00:00	984.54	33.67	-0.92
14-Nov-18 01:00:00	1033.05	32.73	-0.94
14-Nov-18 02:00:00	1006.10	31.78	-0.95
14-Nov-18 03:00:00	0.00	30.85	-0.93
14-Nov-18 04:00:00	1742.29	30.43	-0.41
14-Nov-18 05:00:00	1742.47	35.10	4.66
14-Nov-18 06:00:00	1018.10	35.87	0.77
14-Nov-18 07:00:00	1012.62	34.96	-0.91
14-Nov-18 08:00:00	0.00	34.02	-0.94
14-Nov-18 09:00:00	2155.55	32.83	-1.19
14-Nov-18 10:00:00	965.55	31.90	-0.94
14-Nov-18 11:00:00	0.00	30.94	-0.96
14-Nov-18 12:00:00	0.00	30.01	-0.93
14-Nov-18 13:00:00	1654.61	34.83	4.82
14-Nov-18 14:00:00	0.00	35.87	1.04
14-Nov-18 15:00:00	0.00	34.94	-0.93
14-Nov-18 16:00:00	0.00	34.00	-0.93
14-Nov-18 17:00:00	2098.40	33.09	-0.91
14-Nov-18 18:00:00	0.00	32.17	-0.92
14-Nov-18 19:00:00	0.00	31.36	-0.81
14-Nov-18 20:00:00	3056.41	31.27	-0.09
14-Nov-18 21:00:00	0.00	31.19	-0.07
14-Nov-18 22:00:00	0.00	31.12	-0.08
14-Nov-18 23:00:00	2884.58	31.03	-0.09
15-Nov-18 00:00:00	0.00	30.95	-0.08
15-Nov-18 01:00:00	0.00	30.16	-0.79
15-Nov-18 02:00:00	1739.30	33.81	3.65
15-Nov-18 03:00:00	0.00	36.09	2.28
15-Nov-18 04:00:00	0.00	35.17	-0.92
15-Nov-18 05:00:00	3068.21	34.24	-0.93
15-Nov-18 06:00:00	0.00	33.48	-0.76
15-Nov-18 07:00:00	0.00	33.40	-0.08
15-Nov-18 08:00:00	132.50	33.18	-0.22
15-Nov-18 09:00:00	0.00	32.74	-0.44
15-Nov-18 10:00:00	0.00	32.06	-0.68
15-Nov-18 11:00:00	3032.62	31.58	-0.48
15-Nov-18 12:00:00	0.00	31.37	-0.21
15-Nov-18 13:00:00	0.00	31.06	-0.31
15-Nov-18 14:00:00	2713.04	30.97	-0.09
15-Nov-18 15:00:00	0.00	30.89	-0.08
15-Nov-18 16:00:00	0.00	30.81	-0.07
15-Nov-18 17:00:00	2380.85	30.72	-0.09
15-Nov-18 18:00:00	0.00	30.40	-0.32
15-Nov-18 19:00:00	1636.99	32.42	2.02
15-Nov-18 20:00:00	0.00	36.34	3.92
15-Nov-18 21:00:00	0.00	35.40	-0.93
15-Nov-18 22:00:00	2810.53	34.47	-0.93
15-Nov-18 23:00:00	1030.81	33.55	-0.92
16-Nov-18 00:00:00	1020.66	32.44	-1.11
16-Nov-18 01:00:00	0.00	31.39	-1.04
16-Nov-18 02:00:00	3144.83	30.46	-0.93
16-Nov-18 03:00:00	1723.07	32.42	1.96
16-Nov-18 04:00:00	1073.25	36.38	3.96
16-Nov-18 05:00:00	1032.65	35.93	-0.45
16-Nov-18 06:00:00	1035.33	35.83	-0.10
16-Nov-18 07:00:00	0.00	35.76	-0.08
16-Nov-18 08:00:00	1028.09	35.66	-0.10
16-Nov-18 09:00:00	0.00	35.57	-0.09
16-Nov-18 10:00:00	0.00	34.81	-0.76
16-Nov-18 11:00:00	0.00	33.80	-1.01
16-Nov-18 12:00:00	0.00	32.84	-0.96
16-Nov-18 13:00:00	0.00	31.86	-0.98
16-Nov-18 14:00:00	0.00	31.02	-0.84
16-Nov-18 15:00:00	1893.45	30.04	-0.98
16-Nov-18 16:00:00	1640.64	34.74	4.70
16-Nov-18 17:00:00	0.00	36.07	1.33
16-Nov-18 18:00:00	2227.75	34.93	-1.14

16-Nov-18 19:00:00	1030.79	33.93	-1.00
16-Nov-18 20:00:00	1032.40	32.97	-0.96
16-Nov-18 21:00:00	1032.53	32.05	-0.92
16-Nov-18 22:00:00	1031.89	31.15	-0.90
16-Nov-18 23:00:00	1035.44	30.24	-0.91
17-Nov-18 00:00:00	1699.41	33.52	3.27
17-Nov-18 01:00:00	1030.33	36.14	2.62
17-Nov-18 02:00:00	1030.71	35.23	-0.91
17-Nov-18 03:00:00	1035.71	34.31	-0.92
17-Nov-18 04:00:00	1010.52	33.39	-0.92
17-Nov-18 05:00:00	1011.77	32.46	-0.92
17-Nov-18 06:00:00	0.00	31.31	-1.15
17-Nov-18 07:00:00	1032.28	30.41	-0.90
17-Nov-18 08:00:00	1729.60	32.66	2.25
17-Nov-18 09:00:00	0.00	36.34	3.68
17-Nov-18 10:00:00	0.00	35.44	-0.90
17-Nov-18 11:00:00	1025.20	34.54	-0.90
17-Nov-18 12:00:00	0.00	33.62	-0.93
17-Nov-18 13:00:00	3098.18	32.66	-0.96
17-Nov-18 14:00:00	1013.75	31.71	-0.95
17-Nov-18 15:00:00	1000.61	30.80	-0.91
17-Nov-18 16:00:00	1002.02	30.04	-0.76
17-Nov-18 17:00:00	1633.24	35.05	5.01
17-Nov-18 18:00:00	1021.70	36.08	1.04
17-Nov-18 19:00:00	1029.33	35.16	-0.93
17-Nov-18 20:00:00	1032.81	34.01	-1.15
17-Nov-18 21:00:00	1020.83	33.89	-0.11
17-Nov-18 22:00:00	1034.67	33.83	-0.06
17-Nov-18 23:00:00	1010.28	33.77	-0.06
18-Nov-18 00:00:00	1029.29	33.73	-0.03
18-Nov-18 01:00:00	1062.00	33.67	-0.07
18-Nov-18 02:00:00	1090.89	32.97	-0.70
18-Nov-18 03:00:00	1113.25	32.06	-0.91
18-Nov-18 04:00:00	1142.68	31.10	-0.96
18-Nov-18 05:00:00	1113.91	30.17	-0.93
18-Nov-18 06:00:00	1720.82	33.99	3.82
18-Nov-18 07:00:00	1032.91	36.08	2.09
18-Nov-18 08:00:00	967.24	35.17	-0.90
18-Nov-18 09:00:00	976.21	34.29	-0.89
18-Nov-18 10:00:00	968.97	33.39	-0.90
18-Nov-18 11:00:00	0.00	32.47	-0.92
18-Nov-18 12:00:00	2953.87	31.59	-0.88
18-Nov-18 13:00:00	1010.36	30.55	-1.04
18-Nov-18 14:00:00	1635.53	32.64	2.09
18-Nov-18 15:00:00	0.00	36.32	3.68
18-Nov-18 16:00:00	3185.58	35.87	-0.45
18-Nov-18 17:00:00	1024.07	35.74	-0.13
18-Nov-18 18:00:00	1029.69	34.97	-0.77
18-Nov-18 19:00:00	2458.26	34.06	-0.92
18-Nov-18 20:00:00	1012.91	33.13	-0.93
18-Nov-18 21:00:00	1014.43	32.78	-0.35
18-Nov-18 22:00:00	1031.93	32.71	-0.07
18-Nov-18 23:00:00	2247.40	32.65	-0.06
19-Nov-18 00:00:00	2314.49	32.56	-0.09
19-Nov-18 01:00:00	1032.01	31.64	-0.91
19-Nov-18 02:00:00	966.24	30.74	-0.91
19-Nov-18 03:00:00	1696.15	30.84	0.10
19-Nov-18 04:00:00	1710.71	35.63	4.78
19-Nov-18 05:00:00	1016.81	35.55	-0.07
19-Nov-18 06:00:00	1032.54	34.55	-1.00
19-Nov-18 07:00:00	969.84	33.44	-1.11
19-Nov-18 08:00:00	964.71	32.54	-0.90
19-Nov-18 09:00:00	966.34	31.66	-0.89
19-Nov-18 10:00:00	973.33	30.75	-0.91
19-Nov-18 11:00:00	1632.32	30.92	0.17
19-Nov-18 12:00:00	1637.16	35.88	4.95
19-Nov-18 13:00:00	1031.69	36.04	0.17
19-Nov-18 14:00:00	1024.43	35.99	-0.05
19-Nov-18 15:00:00	1025.11	35.28	-0.71
19-Nov-18 16:00:00	1004.21	34.38	-0.90
19-Nov-18 17:00:00	1019.33	33.49	-0.89
19-Nov-18 18:00:00	1011.26	32.96	-0.52
19-Nov-18 19:00:00	2586.58	32.90	-0.07
19-Nov-18 20:00:00	1012.28	32.85	-0.05
19-Nov-18 21:00:00	1052.37	32.79	-0.06
19-Nov-18 22:00:00	2294.55	32.74	-0.05
19-Nov-18 23:00:00	2287.92	32.68	-0.06
20-Nov-18 00:00:00	1027.28	32.63	-0.04

20-Nov-18 01:00:00	1506.37	31.97	-0.67
20-Nov-18 02:00:00	1492.70	31.01	-0.95
20-Nov-18 03:00:00	1641.99	30.71	-0.30
20-Nov-18 04:00:00	1648.93	35.64	4.93
20-Nov-18 05:00:00	1031.38	35.74	0.10
20-Nov-18 06:00:00	1031.28	34.85	-0.89
20-Nov-18 07:00:00	1029.03	33.95	-0.91
20-Nov-18 08:00:00	964.18	33.05	-0.90
20-Nov-18 09:00:00	0.00	32.07	-0.97
20-Nov-18 10:00:00	0.00	31.18	-0.90
20-Nov-18 11:00:00	0.00	30.26	-0.91
20-Nov-18 12:00:00	0.00	36.48	6.21
20-Nov-18 13:00:00	0.00	35.42	-1.06
20-Nov-18 14:00:00	0.00	34.48	-0.93
20-Nov-18 15:00:00	1034.89	33.48	-1.01
20-Nov-18 16:00:00	1020.35	32.56	-0.92
20-Nov-18 17:00:00	1008.84	31.64	-0.92
20-Nov-18 18:00:00	1013.59	30.72	-0.91
20-Nov-18 19:00:00	1629.32	30.97	0.24
20-Nov-18 20:00:00	1629.70	35.96	5.00
20-Nov-18 21:00:00	1030.29	35.65	-0.31
20-Nov-18 22:00:00	1073.25	35.24	-0.41
20-Nov-18 23:00:00	2040.06	35.20	-0.04
21-Nov-18 00:00:00	2090.54	35.13	-0.07
21-Nov-18 01:00:00	1030.96	35.07	-0.06
21-Nov-18 02:00:00	1029.73	34.92	-0.16
21-Nov-18 03:00:00	1035.23	34.02	-0.90
21-Nov-18 04:00:00	1032.27	33.14	-0.88
21-Nov-18 05:00:00	1001.12	32.24	-0.90
21-Nov-18 06:00:00	986.93	31.32	-0.93
21-Nov-18 07:00:00	963.34	30.38	-0.94
21-Nov-18 08:00:00	1702.66	33.13	2.76
21-Nov-18 09:00:00	0.00	36.22	3.08
21-Nov-18 10:00:00	3069.11	35.33	-0.88
21-Nov-18 11:00:00	1032.93	34.81	-0.53
21-Nov-18 12:00:00	1017.69	33.86	-0.95
21-Nov-18 13:00:00	1021.00	32.91	-0.94
21-Nov-18 14:00:00	0.00	31.99	-0.93
21-Nov-18 15:00:00	2860.97	31.09	-0.90
21-Nov-18 16:00:00	1010.23	30.20	-0.89
21-Nov-18 17:00:00	1646.31	32.32	2.11
21-Nov-18 18:00:00	2771.51	36.48	4.17
21-Nov-18 19:00:00	1030.86	36.43	-0.05
21-Nov-18 20:00:00	1031.11	36.36	-0.06
21-Nov-18 21:00:00	1105.08	36.09	-0.28
21-Nov-18 22:00:00	1898.70	35.38	-0.71
21-Nov-18 23:00:00	1917.22	34.81	-0.57
22-Nov-18 00:00:00	1189.28	33.92	-0.89
22-Nov-18 01:00:00	1035.27	33.04	-0.88
22-Nov-18 02:00:00	1020.52	32.14	-0.90
22-Nov-18 03:00:00	1000.00	31.25	-0.90
22-Nov-18 04:00:00	0.00	30.36	-0.88
22-Nov-18 05:00:00	1674.36	32.86	2.50
22-Nov-18 06:00:00	1033.19	36.46	3.60
22-Nov-18 07:00:00	994.64	36.37	-0.09
22-Nov-18 08:00:00	0.00	36.32	-0.05
22-Nov-18 09:00:00	2821.18	36.26	-0.05
22-Nov-18 10:00:00	1018.25	36.21	-0.05
22-Nov-18 11:00:00	994.72	36.15	-0.05
22-Nov-18 12:00:00	18.08	36.09	-0.06
22-Nov-18 13:00:00	1015.60	36.04	-0.05
22-Nov-18 14:00:00	1010.41	35.98	-0.07
22-Nov-18 15:00:00	1014.02	35.15	-0.83
22-Nov-18 16:00:00	1005.89	34.12	-1.03
22-Nov-18 17:00:00	1014.39	33.24	-0.88
22-Nov-18 18:00:00	1010.68	32.34	-0.90
22-Nov-18 19:00:00	0.00	31.45	-0.89
22-Nov-18 20:00:00	3151.53	30.55	-0.90
22-Nov-18 21:00:00	1645.19	31.94	1.39
22-Nov-18 22:00:00	0.09	36.42	4.48
22-Nov-18 23:00:00	184.03	35.50	-0.92
23-Nov-18 00:00:00	1032.76	34.42	-1.08
23-Nov-18 01:00:00	0.00	33.52	-0.90
23-Nov-18 02:00:00	2980.38	32.62	-0.90
23-Nov-18 03:00:00	1035.48	31.73	-0.89
23-Nov-18 04:00:00	0.00	30.83	-0.90
23-Nov-18 05:00:00	1747.67	30.30	-0.54
23-Nov-18 06:00:00	1744.49	34.98	4.69

23-Nov-18 07:00:00	0.00	35.85	0.87
23-Nov-18 08:00:00	3116.82	35.21	-0.64
23-Nov-18 09:00:00	964.01	35.06	-0.15
23-Nov-18 10:00:00	959.45	35.02	-0.04
23-Nov-18 11:00:00	0.00	34.98	-0.04
23-Nov-18 12:00:00	1013.60	34.91	-0.07
23-Nov-18 13:00:00	1014.56	34.87	-0.04
23-Nov-18 14:00:00	1025.82	34.09	-0.77
23-Nov-18 15:00:00	0.00	33.21	-0.88
23-Nov-18 16:00:00	2926.70	32.29	-0.92
23-Nov-18 17:00:00	1023.65	31.39	-0.89
23-Nov-18 18:00:00	1029.97	30.51	-0.88
23-Nov-18 19:00:00	1656.12	32.21	1.69
23-Nov-18 20:00:00	2831.02	36.37	4.16
23-Nov-18 21:00:00	1028.69	35.54	-0.83
23-Nov-18 22:00:00	1034.75	34.47	-1.08
23-Nov-18 23:00:00	1018.17	33.59	-0.87
24-Nov-18 00:00:00	1033.54	32.66	-0.93
24-Nov-18 01:00:00	1036.12	31.74	-0.92
24-Nov-18 02:00:00	0.00	30.86	-0.88
24-Nov-18 03:00:00	2711.59	30.41	-0.45
24-Nov-18 04:00:00	1023.36	30.36	-0.05
24-Nov-18 05:00:00	0.00	30.30	-0.05
24-Nov-18 06:00:00	3104.17	30.25	-0.05
24-Nov-18 07:00:00	1030.86	30.07	-0.18
24-Nov-18 08:00:00	1728.87	34.84	4.77
24-Nov-18 09:00:00	0.00	36.06	1.22
24-Nov-18 10:00:00	3067.69	35.49	-0.57
24-Nov-18 11:00:00	1021.20	34.81	-0.68
24-Nov-18 12:00:00	1021.39	34.26	-0.55
24-Nov-18 13:00:00	1019.09	33.70	-0.56
24-Nov-18 14:00:00	0.00	33.12	-0.58
24-Nov-18 15:00:00	3024.79	32.56	-0.56
24-Nov-18 16:00:00	1028.89	31.99	-0.57
24-Nov-18 17:00:00	1030.18	31.43	-0.56
24-Nov-18 18:00:00	1029.52	30.79	-0.64
24-Nov-18 19:00:00	1658.15	30.25	-0.54
24-Nov-18 20:00:00	1661.87	35.21	4.96
24-Nov-18 21:00:00	2740.06	35.92	0.71
24-Nov-18 22:00:00	1027.64	35.31	-0.61
24-Nov-18 23:00:00	1009.01	35.14	-0.17
25-Nov-18 00:00:00	1030.98	35.09	-0.06
25-Nov-18 01:00:00	0.00	35.04	-0.05
25-Nov-18 02:00:00	3132.42	34.70	-0.33
25-Nov-18 03:00:00	1032.71	33.87	-0.83
25-Nov-18 04:00:00	1030.68	33.04	-0.83
25-Nov-18 05:00:00	0.00	32.31	-0.73
25-Nov-18 06:00:00	3050.25	32.29	-0.02
25-Nov-18 07:00:00	1033.06	31.61	-0.68
25-Nov-18 08:00:00	967.08	30.79	-0.83
25-Nov-18 09:00:00	1653.76	30.34	-0.45
25-Nov-18 10:00:00	1658.48	35.63	5.29
25-Nov-18 11:00:00	0.00	35.80	0.17
25-Nov-18 12:00:00	1012.54	34.97	-0.83
25-Nov-18 13:00:00	1026.30	34.13	-0.85
25-Nov-18 14:00:00	1011.82	33.30	-0.82
25-Nov-18 15:00:00	0.00	32.44	-0.86
25-Nov-18 16:00:00	1180.80	31.45	-0.99
25-Nov-18 17:00:00	1028.30	30.47	-0.98
25-Nov-18 18:00:00	1647.45	32.32	1.85
25-Nov-18 19:00:00	3154.50	36.36	4.04
25-Nov-18 20:00:00	1028.80	35.82	-0.54
25-Nov-18 21:00:00	1030.97	35.77	-0.05
25-Nov-18 22:00:00	1049.20	35.71	-0.05
25-Nov-18 23:00:00	2386.45	35.66	-0.05
26-Nov-18 00:00:00	1554.06	35.60	-0.05
26-Nov-18 01:00:00	1034.23	35.55	-0.05
26-Nov-18 02:00:00	1031.88	35.30	-0.25
26-Nov-18 03:00:00	1017.99	34.39	-0.91
26-Nov-18 04:00:00	1032.62	33.62	-0.77
26-Nov-18 05:00:00	1032.05	32.83	-0.79
26-Nov-18 06:00:00	1033.17	31.97	-0.86
26-Nov-18 07:00:00	1005.10	31.27	-0.71
26-Nov-18 08:00:00	963.12	30.61	-0.65
26-Nov-18 09:00:00	1654.93	31.41	0.80
26-Nov-18 10:00:00	1656.81	36.36	4.95
26-Nov-18 11:00:00	0.00	35.61	-0.76
26-Nov-18 12:00:00	3065.28	34.72	-0.88

26-Nov-18 13:00:00	1022.16	33.84	-0.89
26-Nov-18 14:00:00	0.00	32.94	-0.90
26-Nov-18 15:00:00	1087.30	32.28	-0.66
26-Nov-18 16:00:00	1021.10	31.38	-0.90
26-Nov-18 17:00:00	1021.66	30.53	-0.84
26-Nov-18 18:00:00	1652.28	32.72	2.18
26-Nov-18 19:00:00	1852.93	36.28	3.57
26-Nov-18 20:00:00	987.23	35.97	-0.32
26-Nov-18 21:00:00	1520.56	35.90	-0.07
26-Nov-18 22:00:00	2432.24	35.86	-0.04
26-Nov-18 23:00:00	1028.09	35.80	-0.05
27-Nov-18 00:00:00	1033.96	35.75	-0.05
27-Nov-18 01:00:00	1008.45	35.68	-0.07
27-Nov-18 02:00:00	1016.84	35.13	-0.55
27-Nov-18 03:00:00	1029.74	34.21	-0.91
27-Nov-18 04:00:00	985.60	33.31	-0.91
27-Nov-18 05:00:00	995.61	32.57	-0.74
27-Nov-18 06:00:00	999.03	31.63	-0.93
27-Nov-18 07:00:00	5.13	30.69	-0.94
27-Nov-18 08:00:00	1719.91	31.08	0.39
27-Nov-18 09:00:00	1690.93	35.82	4.74
27-Nov-18 10:00:00	0.00	35.73	-0.09
27-Nov-18 11:00:00	2969.14	34.72	-1.00
27-Nov-18 12:00:00	1034.99	33.61	-1.11
27-Nov-18 13:00:00	0.00	32.57	-1.04
27-Nov-18 14:00:00	3144.17	32.01	-0.56
27-Nov-18 15:00:00	1027.24	31.90	-0.12
27-Nov-18 16:00:00	1004.12	31.84	-0.05
27-Nov-18 17:00:00	1011.24	31.56	-0.28
27-Nov-18 18:00:00	1015.04	30.63	-0.93
27-Nov-18 19:00:00	1650.27	31.67	1.04
27-Nov-18 20:00:00	3008.06	36.48	4.81
27-Nov-18 21:00:00	2298.47	36.41	-0.07
27-Nov-18 22:00:00	1034.91	36.33	-0.08
27-Nov-18 23:00:00	1009.29	35.65	-0.68
28-Nov-18 00:00:00	1017.53	34.76	-0.89
28-Nov-18 01:00:00	998.09	33.88	-0.87
28-Nov-18 02:00:00	1017.07	33.00	-0.88
28-Nov-18 03:00:00	0.00	32.10	-0.90
28-Nov-18 04:00:00	1036.09	31.21	-0.89
28-Nov-18 05:00:00	1035.39	30.46	-0.75
28-Nov-18 06:00:00	1749.30	32.78	2.33
28-Nov-18 07:00:00	0.00	36.31	3.53
28-Nov-18 08:00:00	0.00	35.22	-1.09
28-Nov-18 09:00:00	1024.00	31.96	-3.26
28-Nov-18 10:00:00	1658.15	30.28	-1.68
28-Nov-18 11:00:00	1655.02	35.13	4.85
28-Nov-18 12:00:00	0.00	35.55	0.42
28-Nov-18 13:00:00	2834.86	34.46	-1.09
28-Nov-18 14:00:00	1026.99	34.08	-0.38
28-Nov-18 15:00:00	1024.22	33.79	-0.29
28-Nov-18 16:00:00	1022.24	33.25	-0.54
28-Nov-18 17:00:00	1031.74	32.69	-0.57
28-Nov-18 18:00:00	1028.00	32.13	-0.55
28-Nov-18 19:00:00	2375.69	31.57	-0.56
28-Nov-18 20:00:00	2436.75	30.64	-0.93
28-Nov-18 21:00:00	1635.82	31.83	1.19
28-Nov-18 22:00:00	2411.98	36.40	4.57
28-Nov-18 23:00:00	1033.28	35.58	-0.82
29-Nov-18 00:00:00	1021.93	35.54	-0.04
29-Nov-18 01:00:00	974.40	35.47	-0.06
29-Nov-18 02:00:00	1035.81	34.95	-0.53
29-Nov-18 03:00:00	988.47	34.07	-0.88
29-Nov-18 04:00:00	966.21	33.19	-0.88
29-Nov-18 05:00:00	1013.62	32.26	-0.93
29-Nov-18 06:00:00	1027.14	31.37	-0.89
29-Nov-18 07:00:00	0.00	30.49	-0.88
29-Nov-18 08:00:00	1677.97	32.94	2.45
29-Nov-18 09:00:00	1030.88	36.37	3.43
29-Nov-18 10:00:00	0.15	36.06	-0.31
29-Nov-18 11:00:00	2703.57	35.76	-0.30
29-Nov-18 12:00:00	1025.93	35.39	-0.37
29-Nov-18 13:00:00	1020.97	35.04	-0.35
29-Nov-18 14:00:00	0.00	34.91	-0.13
29-Nov-18 15:00:00	3097.16	34.87	-0.04
29-Nov-18 16:00:00	1032.70	34.22	-0.65
29-Nov-18 17:00:00	0.00	33.40	-0.82
29-Nov-18 18:00:00	3094.29	32.46	-0.94

29-Nov-18 19:00:00	1034.68	31.64	-0.81	
29-Nov-18 20:00:00	1033.32	30.93	-0.72	
29-Nov-18 21:00:00	1022.01	30.38	-0.55	
29-Nov-18 22:00:00	1659.79	31.80	1.42	
29-Nov-18 23:00:00	2817.37	36.46	4.66	
30-Nov-18 00:00:00	1014.13	36.01	-0.45	
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	813667.54		375.27	
	48820052.51		5700306.31	54520358.82 Gallons

BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01
BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01
BLYPI100
1h
12/1/2018 0:00

12/31/2018 0:00

46,184,484 Gallons

	Circ Water Makeup Flow	Raw Water Tank Level	
01-Dec-18 00:00:00	1006.99646	34.06229782	
01-Dec-18 01:00:00	1030.890259	33.22643661	-0.835861206
01-Dec-18 02:00:00	1034.275757	32.39505005	-0.831386566
01-Dec-18 03:00:00	1033.45813	31.58055878	-0.814491272
01-Dec-18 04:00:00	1014.929932	30.74560547	-0.834953308
01-Dec-18 05:00:00	1719.942139	30.54498672	-0.200618744
01-Dec-18 06:00:00	1727.240967	35.13703537	4.592048645
01-Dec-18 07:00:00	1.66467E-15	35.90855026	0.771514893
01-Dec-18 08:00:00	1.66467E-15	35.08398438	-0.824565887
01-Dec-18 09:00:00	1.66467E-15	34.2612381	-0.822746277
01-Dec-18 10:00:00	1.66467E-15	33.43710709	-0.824131012
01-Dec-18 11:00:00	1.66467E-15	32.78800201	-0.649105072
01-Dec-18 12:00:00	1.66467E-15	32.47212982	-0.315872192
01-Dec-18 13:00:00	1.66467E-15	32.39178467	-0.080345154
01-Dec-18 14:00:00	1.66467E-15	32.34780121	-0.043983459
01-Dec-18 15:00:00	1.66467E-15	31.81431007	-0.533491135
01-Dec-18 16:00:00	1027.390015	30.86133575	-0.952974319
01-Dec-18 17:00:00	1632.286011	31.04048729	0.179151535
01-Dec-18 18:00:00	1636.200562	36.01613617	4.97564888
01-Dec-18 19:00:00	6.5846E-25	35.66899109	-0.347145081
01-Dec-18 20:00:00	6.5846E-25	34.78533554	-0.883655548
01-Dec-18 21:00:00	1016.699951	33.8822937	-0.90304184
01-Dec-18 22:00:00	3.55807E-05	32.99040222	-0.891891479
01-Dec-18 23:00:00	1310.107422	32.52372742	-0.466674805
02-Dec-18 00:00:00	997.7854004	32.46802139	-0.055706024
02-Dec-18 01:00:00	1.00604E-15	32.34323883	-0.124782562
02-Dec-18 02:00:00	2796.59668	31.60851097	-0.734727859
02-Dec-18 03:00:00	1030.665283	30.71520615	-0.893304825
02-Dec-18 04:00:00	1691.303101	30.8931694	0.177963257
02-Dec-18 05:00:00	1703.952393	35.50618744	4.613018036
02-Dec-18 06:00:00	3.55835E-05	35.80645752	0.300270081
02-Dec-18 07:00:00	2882.464355	34.91315842	-0.893299103
02-Dec-18 08:00:00	979.0811157	34.01263428	-0.900524139
02-Dec-18 09:00:00	6.4449E-25	33.076828	-0.935806274
02-Dec-18 10:00:00	3086.593994	32.1446228	-0.9322052
02-Dec-18 11:00:00	1004.518555	31.01514435	-1.129478455
02-Dec-18 12:00:00	3.57953E-05	30.06289101	-0.952253342
02-Dec-18 13:00:00	1630.347412	34.61940002	4.556509018
02-Dec-18 14:00:00	1032.494873	36.15219879	1.532798767
02-Dec-18 15:00:00	1031.018066	36.08622742	-0.065971375
02-Dec-18 16:00:00	1.09287E-15	36.02025604	-0.065971375
02-Dec-18 17:00:00	2538.101563	35.95428085	-0.065975189
02-Dec-18 18:00:00	1032.685913	35.19787979	-0.756401062
02-Dec-18 19:00:00	1034.200439	34.29294968	-0.904930115
02-Dec-18 20:00:00	1032.674438	33.33813477	-0.954814911
02-Dec-18 21:00:00	1030.897827	32.43561172	-0.902523041
02-Dec-18 22:00:00	985.1931152	31.41450882	-1.021102905
02-Dec-18 23:00:00	1.59139E-05	30.37066841	-1.043840408
03-Dec-18 00:00:00	1717.953491	32.73777771	2.367109299
03-Dec-18 01:00:00	2895.352295	36.32107925	3.583301544
03-Dec-18 02:00:00	990.1696167	35.40888977	-0.912189484
03-Dec-18 03:00:00	1.5873E-05	34.50813293	-0.900756836
03-Dec-18 04:00:00	3057.73877	33.56036377	-0.947769165
03-Dec-18 05:00:00	1010.229614	32.62969589	-0.930667877
03-Dec-18 06:00:00	978.2971191	31.72925758	-0.900438309
03-Dec-18 07:00:00	9.22285E-16	31.34527206	-0.383985519
03-Dec-18 08:00:00	2626.930176	30.84394073	-0.501331329
03-Dec-18 09:00:00	6.49666E-25	30.35368156	-0.490259171
03-Dec-18 10:00:00	3124.782959	30.24220276	-0.111478806
03-Dec-18 11:00:00	1644.77063	33.37979889	3.13759613
03-Dec-18 12:00:00	1.20681E-15	36.15076065	2.770961761
03-Dec-18 13:00:00	39.57212067	35.19582748	-0.954933167
03-Dec-18 14:00:00	1031.000244	34.28423309	-0.911594391
03-Dec-18 15:00:00	0.020114597	33.37786865	-0.906364441
03-Dec-18 16:00:00	1.09687E-15	32.46283722	-0.915031433
03-Dec-18 17:00:00	1036.395508	31.33655739	-1.126279831
03-Dec-18 18:00:00	6.47062E-25	30.39769554	-0.938861847
03-Dec-18 19:00:00	1686.220337	32.80820084	2.410505295

03-Dec-18 20:00:00	1.10312E-15	36.32627869	3.51807785
03-Dec-18 21:00:00	12.61122894	36.26215363	-0.064125061
03-Dec-18 22:00:00	1021.595398	35.6963768	-0.565776825
03-Dec-18 23:00:00	6.44693E-25	34.75011444	-0.94626236
04-Dec-18 00:00:00	3018.214111	33.8259697	-0.924144745
04-Dec-18 01:00:00	1023.740417	33.66290665	-0.163063049
04-Dec-18 02:00:00	1028.758911	33.55787277	-0.105033875
04-Dec-18 03:00:00	1.00696E-15	33.44032669	-0.117546082
04-Dec-18 04:00:00	2281.666016	33.32638931	-0.113937378
04-Dec-18 05:00:00	1.10284E-15	32.88173294	-0.444656372
04-Dec-18 06:00:00	1.10284E-15	32.19934082	-0.68239212
04-Dec-18 07:00:00	1.10284E-15	31.35663605	-0.842704773
04-Dec-18 08:00:00	3040.659424	30.36720276	-0.989433289
04-Dec-18 09:00:00	1703.7146	32.8128624	2.445659637
04-Dec-18 10:00:00	1.19979E-15	36.32535172	3.512489319
04-Dec-18 11:00:00	1.19979E-15	35.3181572	-1.007194519
04-Dec-18 12:00:00	1.19979E-15	34.31813049	-1.000026703
04-Dec-18 13:00:00	1.19979E-15	33.33496094	-0.983169556
04-Dec-18 14:00:00	1033.772095	32.44854355	-0.886417389
04-Dec-18 15:00:00	1.20127E-15	31.81605911	-0.632484436
04-Dec-18 16:00:00	1.20127E-15	31.75405121	-0.062007904
04-Dec-18 17:00:00	1030.73584	31.57388878	-0.18016243
04-Dec-18 18:00:00	6.51009E-25	30.98229599	-0.591592789
04-Dec-18 19:00:00	2405.340088	30.26783371	-0.71446228
04-Dec-18 20:00:00	1692.07666	33.75914383	3.49131012
04-Dec-18 21:00:00	1.58997E-05	36.11573029	2.356586456
04-Dec-18 22:00:00	1.58997E-05	35.24317169	-0.872558594
04-Dec-18 23:00:00	3005.980713	34.2816925	-0.961479187
05-Dec-18 00:00:00	1.0055E-15	33.45987701	-0.821815491
05-Dec-18 01:00:00	1.0055E-15	33.31539154	-0.144485474
05-Dec-18 02:00:00	3013.293701	32.93706131	-0.378330231
05-Dec-18 03:00:00	6.55249E-25	32.13301468	-0.804046631
05-Dec-18 04:00:00	6.55249E-25	31.25354767	-0.87946701
05-Dec-18 05:00:00	6.55249E-25	30.36705399	-0.886493683
05-Dec-18 06:00:00	1780.212524	32.6458168	2.278762817
05-Dec-18 07:00:00	1.09577E-15	36.34083939	3.695022583
05-Dec-18 08:00:00	1.09577E-15	35.44373322	-0.897106171
05-Dec-18 09:00:00	1.09577E-15	34.87492752	-0.568805695
05-Dec-18 10:00:00	2563.094482	34.82175827	-0.05316925
05-Dec-18 11:00:00	1.09809E-15	34.7632637	-0.058494568
05-Dec-18 12:00:00	1.09809E-15	34.69436646	-0.068897247
05-Dec-18 13:00:00	3059.326416	33.77519226	-0.919174194
05-Dec-18 14:00:00	1.10592E-15	32.86505127	-0.910140991
05-Dec-18 15:00:00	1.10592E-15	31.68820381	-1.176847458
05-Dec-18 16:00:00	2993.912109	30.80139923	-0.886804581
05-Dec-18 17:00:00	1625.691284	30.42976761	-0.371631622
05-Dec-18 18:00:00	1630.495239	35.46704102	5.037273407
05-Dec-18 19:00:00	9.22304E-16	35.78413391	0.317092896
05-Dec-18 20:00:00	9.22304E-16	35.04166794	-0.742465973
05-Dec-18 21:00:00	2625.835938	34.9317131	-0.109954834
05-Dec-18 22:00:00	1002.138428	34.86508179	-0.066631317
05-Dec-18 23:00:00	6.57491E-25	34.77762604	-0.08745575
06-Dec-18 00:00:00	3073.517822	33.96878433	-0.808841705
06-Dec-18 01:00:00	6.49056E-25	33.00430679	-0.964477539
06-Dec-18 02:00:00	6.49056E-25	32.08070374	-0.923603058
06-Dec-18 03:00:00	3085.071045	30.96231842	-1.118385315
06-Dec-18 04:00:00	115.9427643	30.0829277	-0.879390717
06-Dec-18 05:00:00	1690.413696	34.42730713	4.344379425
06-Dec-18 06:00:00	1.2039E-15	35.98301697	1.555709839
06-Dec-18 07:00:00	1.2039E-15	35.27986145	-0.703155518
06-Dec-18 08:00:00	1.2039E-15	35.18460464	-0.095256805
06-Dec-18 09:00:00	2708.833008	35.12963104	-0.054973602
06-Dec-18 10:00:00	6.61972E-25	34.90972137	-0.219909668
06-Dec-18 11:00:00	6.61972E-25	34.72494507	-0.184776306
06-Dec-18 12:00:00	2872.57373	34.54083633	-0.184108734
06-Dec-18 13:00:00	6.49743E-25	33.51977539	-1.021060944
06-Dec-18 14:00:00	6.49743E-25	32.60554886	-0.914226532
06-Dec-18 15:00:00	1027.527588	31.50799942	-1.097549438
06-Dec-18 16:00:00	1.20447E-15	30.56678009	-0.94121933
06-Dec-18 17:00:00	1686.074463	31.75680542	1.19002533
06-Dec-18 18:00:00	0.251044065	36.47008133	4.713275909
06-Dec-18 19:00:00	1.10454E-15	35.59078598	-0.879295349
06-Dec-18 20:00:00	3046.351318	34.7025795	-0.888206482
06-Dec-18 21:00:00	1.58872E-05	33.77999115	-0.922588348
06-Dec-18 22:00:00	1.58872E-05	32.88261795	-0.897373199
06-Dec-18 23:00:00	23.37853813	31.79538918	-1.087228775
07-Dec-18 00:00:00	6.49733E-25	30.84715462	-0.948234558
07-Dec-18 01:00:00	1690.199829	30.16169548	-0.685459137

07-Dec-18 02:00:00	1705.24353	34.94500732	4.783311844
07-Dec-18 03:00:00	1.58527E-05	35.88484192	0.939834595
07-Dec-18 04:00:00	1.58527E-05	35.20052338	-0.684318542
07-Dec-18 05:00:00	3074.062012	35.04166794	-0.158855438
07-Dec-18 06:00:00	1.10085E-15	34.72916794	-0.3125
07-Dec-18 07:00:00	1.10085E-15	33.8432045	-0.88596344
07-Dec-18 08:00:00	1025.114136	32.95346832	-0.889736176
07-Dec-18 09:00:00	1.5852E-05	32.03100967	-0.922458649
07-Dec-18 10:00:00	2886.446289	30.8969059	-1.134103775
07-Dec-18 11:00:00	1569.078735	30.0906105	-0.806295395
07-Dec-18 12:00:00	1670.297363	35.08234787	4.991737366
07-Dec-18 13:00:00	1.20653E-15	36.44792175	1.365573883
07-Dec-18 14:00:00	1.20653E-15	36.35546875	-0.092453003
07-Dec-18 15:00:00	46.75568008	36.26215363	-0.093315125
07-Dec-18 16:00:00	1027.760376	35.73558426	-0.526569366
07-Dec-18 17:00:00	1.09889E-15	34.70875549	-1.026828766
07-Dec-18 18:00:00	1.09889E-15	33.78181076	-0.926944733
07-Dec-18 19:00:00	1034.041748	32.89243317	-0.889377594
07-Dec-18 20:00:00	1.10015E-15	31.82474709	-1.067686081
07-Dec-18 21:00:00	2779.426025	30.78704071	-1.037706375
07-Dec-18 22:00:00	1702.029419	30.70860481	-0.078435898
07-Dec-18 23:00:00	1705.09021	35.4936676	4.78506279
08-Dec-18 00:00:00	1.10562E-15	35.76869583	0.275028229
08-Dec-18 01:00:00	1.10562E-15	34.80112457	-0.967571259
08-Dec-18 02:00:00	1.10562E-15	33.86814117	-0.932983398
08-Dec-18 03:00:00	41.55029678	32.95824814	-0.909893036
08-Dec-18 04:00:00	1028.374146	31.93665886	-1.021589279
08-Dec-18 05:00:00	1.00226E-15	30.89308548	-1.04357338
08-Dec-18 06:00:00	42.4565239	30.04655075	-0.846534729
08-Dec-18 07:00:00	1726.719482	34.71592331	4.669372559
08-Dec-18 08:00:00	1.107E-15	36.22916794	1.513244629
08-Dec-18 09:00:00	1.107E-15	36.17419052	-0.054977417
08-Dec-18 10:00:00	1.107E-15	36.10820007	-0.065990448
08-Dec-18 11:00:00	2545.815186	35.9123764	-0.195823669
08-Dec-18 12:00:00	1.00468E-15	34.98369598	-0.92868042
08-Dec-18 13:00:00	1.00468E-15	34.09151459	-0.892181396
08-Dec-18 14:00:00	1.00468E-15	33.32700729	-0.764507294
08-Dec-18 15:00:00	1022.27832	32.38466644	-0.942340851
08-Dec-18 16:00:00	6.48401E-25	31.45298386	-0.931682587
08-Dec-18 17:00:00	6.48401E-25	30.32685852	-1.126125336
08-Dec-18 18:00:00	1653.960815	33.12999725	2.803138733
08-Dec-18 19:00:00	6.51866E-25	36.24022675	3.110229492
08-Dec-18 20:00:00	6.51866E-25	35.33028793	-0.909938812
08-Dec-18 21:00:00	3078.885254	35.0257225	-0.30456543
08-Dec-18 22:00:00	1.20644E-15	34.97569275	-0.050029755
08-Dec-18 23:00:00	1.20644E-15	34.88772964	-0.087963104
09-Dec-18 00:00:00	3055.519287	34.83275604	-0.054973602
09-Dec-18 01:00:00	3.56378E-05	34.76678085	-0.065975189
09-Dec-18 02:00:00	3.56378E-05	34.66782379	-0.098957062
09-Dec-18 03:00:00	255.5364227	34.32766342	-0.34016037
09-Dec-18 04:00:00	1.0033E-15	33.42350006	-0.904163361
09-Dec-18 05:00:00	1.0033E-15	32.3256073	-1.097892761
09-Dec-18 06:00:00	1.0033E-15	31.31847	-1.007137299
09-Dec-18 07:00:00	1108.068481	30.43523598	-0.883234024
09-Dec-18 08:00:00	1714.837524	32.43963623	2.004400253
09-Dec-18 09:00:00	3.5479E-05	32.81539154	0.37575531
09-Dec-18 10:00:00	3.5479E-05	31.93850708	-0.87688446
09-Dec-18 11:00:00	3.5479E-05	31.01233101	-0.926176071
09-Dec-18 12:00:00	1639.420654	33.43798447	2.425653458
09-Dec-18 13:00:00	3.57003E-05	36.05474091	2.616756439
09-Dec-18 14:00:00	3.57003E-05	35.08799362	-0.966747284
09-Dec-18 15:00:00	37.96909714	34.16373062	-0.924263
09-Dec-18 16:00:00	1031.758545	33.24863815	-0.915092468
09-Dec-18 17:00:00	1.00671E-15	32.33417511	-0.914463043
09-Dec-18 18:00:00	1.00671E-15	31.45071411	-0.883460999
09-Dec-18 19:00:00	1042.111816	30.53581238	-0.914901733
09-Dec-18 20:00:00	1.00562E-15	30.26967621	-0.266136169
09-Dec-18 21:00:00	1.00562E-15	30.19270897	-0.076967239
09-Dec-18 22:00:00	1031.714233	30.13773155	-0.054977417
09-Dec-18 23:00:00	6.46325E-25	30.07239914	-0.065332413
10-Dec-18 00:00:00	1699.703369	31.1524086	1.08000946
10-Dec-18 01:00:00	1706.848511	35.92521286	4.77280426
10-Dec-18 02:00:00	1.10722E-15	35.69165802	-0.23355484
10-Dec-18 03:00:00	1.10722E-15	34.56324768	-1.128410339
10-Dec-18 04:00:00	1.10722E-15	33.63241959	-0.930828094
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10-Dec-18 06:00:00	9.20354E-16	31.8424015	-0.894235611
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10-Dec-18 10:00:00	6.59541E-25	35.61800766	1.05412674
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10-Dec-18 13:00:00	1411.890137	34.64086151	-0.07094574
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13-Dec-18 02:00:00	1033.195435	32.07598495	-0.901268005
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13-Dec-18 09:00:00	2807.975342	34.2576828	-1.009986877
13-Dec-18 10:00:00	1.09752E-15	33.33385849	-0.92382431
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13-Dec-18 12:00:00	1032.590576	31.38350296	-0.915622711
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13-Dec-18 19:00:00	1023.383179	33.79659271	-0.079563141
13-Dec-18 20:00:00	1032.468506	33.73321915	-0.063373566
13-Dec-18 21:00:00	984.5678711	33.66064453	-0.072574615
13-Dec-18 22:00:00	1028.0802	32.89551926	-0.765125275
13-Dec-18 23:00:00	1.10422E-15	31.93298721	-0.962532043
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14-Dec-18 01:00:00	0.092265539	30.14303207	-0.920368195
14-Dec-18 02:00:00	1757.867188	33.96803665	3.825004578
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14-Dec-18 04:00:00	1.00827E-15	34.76681519	-1.10905838
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14-Dec-18 06:00:00	1.00827E-15	32.88975525	-0.904521942
14-Dec-18 07:00:00	2115.485352	32.2432518	-0.646503448
14-Dec-18 08:00:00	6.48138E-25	32.00001144	-0.243240356
14-Dec-18 09:00:00	6.48138E-25	31.9056015	-0.094409943
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14-Dec-18 11:00:00	6.53533E-25	31.7870369	-0.054977417
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14-Dec-18 13:00:00	34.60153198	30.48008347	-0.934988022
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14-Dec-18 18:00:00	2601.689697	35.04176331	-0.701725006
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14-Dec-18 20:00:00	6.59112E-25	33.26690674	-0.893177032
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14-Dec-18 22:00:00	1.09417E-15	31.42805672	-0.915678024
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15-Dec-18 13:00:00	3118.745117	35.12744522	-1.04265976
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15-Dec-18 20:00:00	1037.611084	31.58912086	-0.087963104
15-Dec-18 21:00:00	1013.731262	31.52765274	-0.061468124
15-Dec-18 22:00:00	1032.190796	30.85003662	-0.677616119
15-Dec-18 23:00:00	1587.984009	30.04567528	-0.804361343
16-Dec-18 00:00:00	1740.949951	34.56737137	4.521696091
16-Dec-18 01:00:00	3.57132E-05	36.29084396	1.723472595
16-Dec-18 02:00:00	3132.737061	35.97245026	-0.318393707
16-Dec-18 03:00:00	1036.158081	35.69065094	-0.281799316
16-Dec-18 04:00:00	6.56947E-25	34.87579346	-0.814857483
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16-Dec-18 12:00:00	1031.355713	31.22537231	-0.139940262
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16-Dec-18 17:00:00	1016.687988	35.11970901	-0.613735199
16-Dec-18 18:00:00	1023.469055	34.49912643	-0.620582581
16-Dec-18 19:00:00	1035.191528	33.87989044	-0.619235992

16-Dec-18 20:00:00	1033.945557	33.07233047	-0.807559967
16-Dec-18 21:00:00	1018.431763	32.46586227	-0.606468201
16-Dec-18 22:00:00	1037.219849	31.8495369	-0.616325378
16-Dec-18 23:00:00	3.56155E-05	31.24114037	-0.60839653
17-Dec-18 00:00:00	3021.747314	30.63081741	-0.610322952
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17-Dec-18 02:00:00	1753.96106	34.88233185	4.836835861
17-Dec-18 03:00:00	6.4497E-25	36.14897156	1.266639709
17-Dec-18 04:00:00	3130.88501	35.41595459	-0.733016968
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17-Dec-18 08:00:00	966.0858154	32.98372269	-0.60389328
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17-Dec-18 11:00:00	0.017907752	31.14967728	-0.612119675
17-Dec-18 12:00:00	6.46641E-25	30.54142761	-0.608249664
17-Dec-18 13:00:00	1654.546631	30.60135078	0.059923172
17-Dec-18 14:00:00	1646.988525	35.97841263	5.377061844
17-Dec-18 15:00:00	6.47648E-25	35.87392426	-0.104488373
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17-Dec-18 17:00:00	1026.416748	34.61925507	-0.638156891
17-Dec-18 18:00:00	1027.362915	33.96735382	-0.651901245
17-Dec-18 19:00:00	1.20354E-15	33.32108688	-0.646266937
17-Dec-18 20:00:00	2620.533447	32.62630463	-0.694782257
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17-Dec-18 23:00:00	1754.60144	32.24991989	1.745447159
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18-Dec-18 03:00:00	1022.9823	33.75071716	-0.901275635
18-Dec-18 04:00:00	6.56908E-25	32.83879089	-0.91192627
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18-Dec-18 14:00:00	1016.340149	31.42362213	-0.872612
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18-Dec-18 18:00:00	1034.158569	36.04224396	-0.154232025
18-Dec-18 19:00:00	1036.272461	35.98712158	-0.055122375
18-Dec-18 20:00:00	1035.57605	35.91846848	-0.068653107
18-Dec-18 21:00:00	1036.890869	35.8455658	-0.072902679
18-Dec-18 22:00:00	1021.778442	35.74053955	-0.105026245
18-Dec-18 23:00:00	6.50682E-25	35.03689194	-0.703647614
19-Dec-18 00:00:00	2537.05127	34.1097641	-0.927127838
19-Dec-18 01:00:00	1033.598267	33.16648483	-0.943279266
19-Dec-18 02:00:00	6.50314E-25	32.19583511	-0.970649719
19-Dec-18 03:00:00	67.54949188	31.04909134	-1.146743774
19-Dec-18 04:00:00	1027.959595	30.11153793	-0.937553406
19-Dec-18 05:00:00	1774.073608	34.11224365	4.000705719
19-Dec-18 06:00:00	1.59133E-05	36.08181763	1.969573975
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19-Dec-18 08:00:00	1019.119934	34.31084442	-0.877388
19-Dec-18 09:00:00	6.48456E-25	33.42713165	-0.883712769
19-Dec-18 10:00:00	0.792218029	32.293396	-1.133735657
19-Dec-18 11:00:00	1023.491882	31.39271736	-0.900678635
19-Dec-18 12:00:00	3.20671E-10	30.5542717	-0.838445663
19-Dec-18 13:00:00	3126.331787	30.43460655	-0.119665146
19-Dec-18 14:00:00	1646.255005	32.11668015	1.682073593
19-Dec-18 15:00:00	71.32137299	36.40625763	4.289577484
19-Dec-18 16:00:00	2898.935303	35.5015831	-0.90467453
19-Dec-18 17:00:00	1026.606323	34.85341263	-0.648170471
19-Dec-18 18:00:00	1031.700806	34.01172256	-0.841690063
19-Dec-18 19:00:00	1023.7995	33.10174561	-0.909976959
19-Dec-18 20:00:00	1001.841492	32.17552567	-0.92621994
19-Dec-18 21:00:00	1034.348999	31.64409637	-0.531429291
19-Dec-18 22:00:00	1035.012939	31.58419228	-0.059904099
19-Dec-18 23:00:00	1036.084839	31.5244503	-0.059741974
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20-Dec-18 01:00:00	994.4313354	30.30156136	-0.905855179

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20-Dec-18 05:00:00	1466.181152	34.40106964	-0.943611145
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20-Dec-18 08:00:00	3114.334961	31.40853691	-1.024457932
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20-Dec-18 14:00:00	1024.82251	33.65211487	-0.978248596
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20-Dec-18 17:00:00	1028.92981	30.70549965	-0.967628479
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20-Dec-18 19:00:00	1673.914307	36.37356949	5.081785202
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21-Dec-18 15:00:00	3112.69458	32.42009735	-1.139671326
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22-Dec-18 22:00:00	1036.628296	33.26861572	-1.119239807
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25-Dec-18 03:00:00	1017.726624	30.64303398	-0.90713501
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25-Dec-18 13:00:00	1651.991943	31.74127007	1.130081177
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25-Dec-18 15:00:00	74.81278992	35.41159821	-1.039302826
25-Dec-18 16:00:00	1034.409546	34.31753159	-1.09406662
25-Dec-18 17:00:00	1020.437866	33.3846283	-0.93290329
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25-Dec-18 19:00:00	6.60944E-25	32.46253586	-0.094177246
25-Dec-18 20:00:00	3157.381592	32.39178467	-0.07075119
25-Dec-18 21:00:00	977.1159668	32.30381775	-0.087966919
25-Dec-18 22:00:00	1030.654663	32.22685242	-0.076965332
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26-Dec-18 02:00:00	1012.559204	31.06419373	-0.87887764
26-Dec-18 03:00:00	1.09357E-15	30.16901207	-0.895181656
26-Dec-18 04:00:00	1719.016235	34.05928421	3.890272141
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26-Dec-18 11:00:00	967.7838135	30.40515709	-0.945400238
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26-Dec-18 13:00:00	1.09786E-15	36.25688934	3.335823059

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26-Dec-18 15:00:00	1028.120361	34.1621666	-1.131362915
26-Dec-18 16:00:00	1023.746704	33.31377411	-0.848392487
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26-Dec-18 20:00:00	1.10722E-15	30.74247742	-0.076967239
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26-Dec-18 22:00:00	1032.330566	30.5995369	-0.059625626
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27-Dec-18 01:00:00	1745.315674	36.19324493	4.704158783
27-Dec-18 02:00:00	3.20154E-10	35.6413765	-0.551868439
27-Dec-18 03:00:00	1828.067505	34.59119797	-1.050178528
27-Dec-18 04:00:00	1.09498E-15	33.59357071	-0.997627258
27-Dec-18 05:00:00	1.09498E-15	32.72293854	-0.870632172
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27-Dec-18 12:00:00	2774.873047	36.13754272	-0.23456192
27-Dec-18 13:00:00	1013.872009	35.15515518	-0.982387543
27-Dec-18 14:00:00	3.887037277	34.0358429	-1.119312286
27-Dec-18 15:00:00	1032.809204	33.11629486	-0.919548035
27-Dec-18 16:00:00	1027.006714	32.20769119	-0.908603668
27-Dec-18 17:00:00	3.20045E-10	31.45241737	-0.755273819
27-Dec-18 18:00:00	2933.813721	30.62784195	-0.824575424
27-Dec-18 19:00:00	1697.30603	31.51398849	0.886146545
27-Dec-18 20:00:00	1702.334351	36.35167313	4.837684631
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27-Dec-18 22:00:00	3092.642578	35.41550827	-0.194381714
27-Dec-18 23:00:00	1032.755249	35.31655121	-0.098957062
28-Dec-18 00:00:00	1022.612488	35.23048019	-0.086071014
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28-Dec-18 04:00:00	2510.366699	34.49865341	-0.499031067
28-Dec-18 05:00:00	6.50042E-25	33.37397385	-1.124679565
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28-Dec-18 13:00:00	1040.612305	35.54745483	-0.07869339
28-Dec-18 14:00:00	196.5502167	35.49247742	-0.054977417
28-Dec-18 15:00:00	104.9074631	35.42650604	-0.065971375
28-Dec-18 16:00:00	1035.554932	35.37152863	-0.054977417
28-Dec-18 17:00:00	1032.656616	35.20194626	-0.169582367
28-Dec-18 18:00:00	1031.940552	34.33454895	-0.867397308
28-Dec-18 19:00:00	1019.055237	33.24785233	-1.086696625
28-Dec-18 20:00:00	1.00109E-15	32.23893356	-1.008918762
28-Dec-18 21:00:00	1030.577026	31.3719902	-0.866943359
28-Dec-18 22:00:00	1031.309692	30.47698784	-0.895002365
28-Dec-18 23:00:00	1735.286377	32.13986969	1.662881851
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29-Dec-18 01:00:00	1.58079E-05	35.55813599	-0.889797211
29-Dec-18 02:00:00	1027.321045	34.50089645	-1.057239532
29-Dec-18 03:00:00	1028.331299	33.53849792	-0.962398529
29-Dec-18 04:00:00	1.0996E-15	32.64081192	-0.897686005
29-Dec-18 05:00:00	1026.37439	31.7447834	-0.896028519
29-Dec-18 06:00:00	9.2033E-16	30.85487366	-0.889909744
29-Dec-18 07:00:00	37.17234802	30.03793907	-0.816934586
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29-Dec-18 09:00:00	1021.848328	36.02080917	1.628002167
29-Dec-18 10:00:00	6.48528E-25	35.10453033	-0.916278839
29-Dec-18 11:00:00	3041.372314	34.06048965	-1.04404068
29-Dec-18 12:00:00	1008.129028	33.02193451	-1.038555145
29-Dec-18 13:00:00	1.09265E-15	32.14331055	-0.878623962
29-Dec-18 14:00:00	1028.072144	31.33259392	-0.810716629
29-Dec-18 15:00:00	1.10127E-15	30.41950035	-0.913093567
29-Dec-18 16:00:00	1642.627808	32.40316772	1.983667374
29-Dec-18 17:00:00	2025.959351	36.33123398	3.928066254
29-Dec-18 18:00:00	1031.86377	35.4863472	-0.84488678
29-Dec-18 19:00:00	1031.455078	34.72416306	-0.762184143

29-Dec-18 20:00:00	1029.691162	33.80897141	-0.91519165	
29-Dec-18 21:00:00	1033.667114	32.89323044	-0.915740967	
29-Dec-18 22:00:00	1.00095E-15	32.15580368	-0.737426758	
29-Dec-18 23:00:00	3038.20166	31.63884354	-0.516960144	
30-Dec-18 00:00:00	1029.953735	30.70412636	-0.934717178	
30-Dec-18 01:00:00	1.09342E-15	30.19270897	-0.511417389	
30-Dec-18 02:00:00	2403.368652	30.08654404	-0.106164932	
30-Dec-18 03:00:00	1794.692261	33.11742783	3.030883789	
30-Dec-18 04:00:00	9.21455E-16	36.21633148	3.098903656	
30-Dec-18 05:00:00	9.21455E-16	35.02978134	-1.18655014	
30-Dec-18 06:00:00	2796.756348	33.97764587	-1.052135468	
30-Dec-18 07:00:00	1010.33197	33.1627655	-0.814880371	
30-Dec-18 08:00:00	6.60978E-25	32.15726471	-1.005500793	
30-Dec-18 09:00:00	2482.210449	31.16208839	-0.995176315	
30-Dec-18 10:00:00	980.225708	30.26967621	-0.892412186	
30-Dec-18 11:00:00	6.61402E-25	30.12941933	-0.140256882	
30-Dec-18 12:00:00	1636.787842	32.51120758	2.381788254	
30-Dec-18 13:00:00	2441.812256	36.30984879	3.798641205	
30-Dec-18 14:00:00	1019.263672	35.36081314	-0.949035645	
30-Dec-18 15:00:00	20.35512352	34.43253708	-0.928276062	
30-Dec-18 16:00:00	1.66449E-15	33.62276077	-0.809776306	
30-Dec-18 17:00:00	1032.394043	32.59540939	-1.027351379	
30-Dec-18 18:00:00	1019.391541	31.56429672	-1.031112671	
30-Dec-18 19:00:00	1.00015E-15	30.50827789	-1.056018829	
30-Dec-18 20:00:00	1727.659668	31.59166718	1.083389282	
30-Dec-18 21:00:00	1743.087524	36.13953781	4.547870636	
30-Dec-18 22:00:00	3.56736E-05	35.52951431	-0.610023499	
30-Dec-18 23:00:00	2111.907471	34.42735672	-1.102157593	
31-Dec-18 00:00:00	3.55489E-05	33.56196976	-0.865386963	
			-33.56196976	
			0	
			0	
			0	
			0	
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			0	
			0	
			0	
			0	
			0	
			0	15189.873 gal/ft
			0	
			0	
	670636.1946		391.4655609	
	40238171.68		5946312.154	46184483.83 Gallons

BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01

BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01

BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01

BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01
BLYPI100
1h
1/1/2019 0:00

1/31/2019 0:00

35,767,357 Gallons

	Circ Water Makeup Flow	Raw Water Tank Level	
01-Jan-19 00:00:00	1763.722412	32.43168259	
01-Jan-19 01:00:00	2649.545898	36.39980698	3.96812439
01-Jan-19 02:00:00	1035.314209	35.41864777	-0.98115921
01-Jan-19 03:00:00	1.09716E-15	34.38331985	-1.035327911
01-Jan-19 04:00:00	2885.543701	33.34658813	-1.03673172
01-Jan-19 05:00:00	1031.001465	32.51551437	-0.831073761
01-Jan-19 06:00:00	6.58992E-25	31.38799286	-1.127521515
01-Jan-19 07:00:00	3126.42334	30.19403458	-1.193958282
01-Jan-19 08:00:00	1787.688843	33.63378906	3.439754486
01-Jan-19 09:00:00	6.53958E-25	36.16546631	2.531677246
01-Jan-19 10:00:00	3071.833984	35.169487	-0.995979309
01-Jan-19 11:00:00	1003.358826	34.2256546	-0.943832397
01-Jan-19 12:00:00	9.99547E-16	33.19126892	-1.034385681
01-Jan-19 13:00:00	1946.097046	32.13000107	-1.061267853
01-Jan-19 14:00:00	1004.232056	31.13575554	-0.994245529
01-Jan-19 15:00:00	1648.82019	30.64846611	-0.487289429
01-Jan-19 16:00:00	1666.119263	36.0378952	5.389429092
01-Jan-19 17:00:00	1033.978882	36.32711411	0.289218903
01-Jan-19 18:00:00	1024.995239	36.15219879	-0.174915314
01-Jan-19 19:00:00	1027.831909	35.53126144	-0.620937347
01-Jan-19 20:00:00	3.55919E-05	34.75708008	-0.774181366
01-Jan-19 21:00:00	3101.247559	33.76515579	-0.991924286
01-Jan-19 22:00:00	1024.464111	32.74737167	-1.017784119
01-Jan-19 23:00:00	992.8605347	31.89863777	-0.848733902
02-Jan-19 00:00:00	80.10379028	30.86549568	-1.03314209
02-Jan-19 01:00:00	1775.06958	30.68730927	-0.178186417
02-Jan-19 02:00:00	1782.188354	34.94652176	4.259212494
02-Jan-19 03:00:00	6.4974E-25	35.93988037	0.993358612
02-Jan-19 04:00:00	2845.370361	34.91223145	-1.027648926
02-Jan-19 05:00:00	1034.973877	33.85694504	-1.055286407
02-Jan-19 06:00:00	998.1193848	33.17758179	-0.679363251
02-Jan-19 07:00:00	33.01561356	32.98989105	-0.187690735
02-Jan-19 08:00:00	1034.09436	32.79911041	-0.19078064
02-Jan-19 09:00:00	965.6902466	32.63026047	-0.168849945
02-Jan-19 10:00:00	3.56355E-05	32.31012726	-0.320133209
02-Jan-19 11:00:00	1027.703247	32.07291412	-0.237213135
02-Jan-19 12:00:00	6.56527E-25	31.88044167	-0.192472458
02-Jan-19 13:00:00	2571.871582	31.31383514	-0.566606522
02-Jan-19 14:00:00	1025.92981	30.33754921	-0.976285934
02-Jan-19 15:00:00	1635.379761	33.18280411	2.845254898
02-Jan-19 16:00:00	1.00572E-15	36.2369957	3.054191589
02-Jan-19 17:00:00	2404.553223	35.20537567	-1.031620026
02-Jan-19 18:00:00	1036.197876	34.18459702	-1.020778656
02-Jan-19 19:00:00	1017.971008	33.50788498	-0.676712036
02-Jan-19 20:00:00	1033.31604	32.62631226	-0.881572723
02-Jan-19 21:00:00	1035.003662	31.64112854	-0.985183716
02-Jan-19 22:00:00	0.195410937	30.6463623	-0.994766235
02-Jan-19 23:00:00	1797.475464	31.5854454	0.939083099
03-Jan-19 00:00:00	1801.234741	35.91083527	4.325389862
03-Jan-19 01:00:00	6.5483E-25	35.60253906	-0.308296204
03-Jan-19 02:00:00	3116.375244	34.59247208	-1.010066986
03-Jan-19 03:00:00	1.10495E-15	33.71627426	-0.876197815
03-Jan-19 04:00:00	1.10495E-15	32.68695068	-1.029323578
03-Jan-19 05:00:00	1032.709351	31.64962959	-1.037321091
03-Jan-19 06:00:00	1.10244E-15	30.63502121	-1.014608383
03-Jan-19 07:00:00	1870.615601	31.81188965	1.176868439
03-Jan-19 08:00:00	1.104E-15	36.44990158	4.638011932
03-Jan-19 09:00:00	1.104E-15	35.897892	-0.552009583
03-Jan-19 10:00:00	1.104E-15	34.84513474	-1.052757263
03-Jan-19 11:00:00	1.104E-15	34.00777435	-0.837360382

03-Jan-19 12:00:00	1025.128906	33.00755692	-1.000217438
03-Jan-19 13:00:00	6.52653E-25	32.10806274	-0.899494171
03-Jan-19 14:00:00	6.52653E-25	31.11626816	-0.991794586
03-Jan-19 15:00:00	3017.212646	30.21515083	-0.901117325
03-Jan-19 16:00:00	1637.362427	33.27519608	3.060045242
03-Jan-19 17:00:00	6.5315E-25	36.39198685	3.116790771
03-Jan-19 18:00:00	6.5315E-25	36.1798172	-0.212169647
03-Jan-19 19:00:00	6.5315E-25	35.72974777	-0.450069427
03-Jan-19 20:00:00	1026.446045	34.48645401	-1.243293762
03-Jan-19 21:00:00	6.55916E-25	33.63651276	-0.849941254
03-Jan-19 22:00:00	6.55916E-25	32.67827225	-0.958240509
03-Jan-19 23:00:00	2631.06543	31.6227169	-1.055555344
04-Jan-19 00:00:00	1.09372E-15	30.59561729	-1.027099609
04-Jan-19 01:00:00	1798.097412	31.65706062	1.061443329
04-Jan-19 02:00:00	1792.48999	36.23814011	4.581079483
04-Jan-19 03:00:00	1.59209E-05	36.30117798	0.063037872
04-Jan-19 04:00:00	1.59209E-05	36.08445358	-0.216724396
04-Jan-19 05:00:00	1.59209E-05	35.86851883	-0.215934753
04-Jan-19 06:00:00	1.59209E-05	34.98175049	-0.886768341
04-Jan-19 07:00:00	1032.276245	33.87601471	-1.105735779
04-Jan-19 08:00:00	1.10327E-15	32.67657089	-1.199443817
04-Jan-19 09:00:00	1.10327E-15	32.11769485	-0.558876038
04-Jan-19 10:00:00	3016.255615	31.92743492	-0.190259933
04-Jan-19 11:00:00	6.62407E-25	31.73474693	-0.192687988
04-Jan-19 12:00:00	6.62407E-25	31.52727509	-0.207471848
04-Jan-19 13:00:00	101.8221664	30.4830246	-1.044250488
04-Jan-19 14:00:00	1636.689575	32.56625748	2.08323288
04-Jan-19 15:00:00	6.61529E-25	36.45171356	3.885456085
04-Jan-19 16:00:00	6.61529E-25	36.24343872	-0.208274841
04-Jan-19 17:00:00	6.61529E-25	36.02448654	-0.218952179
04-Jan-19 18:00:00	2512.524414	35.51295853	-0.511528015
04-Jan-19 19:00:00	1.09338E-15	34.45340347	-1.059555054
04-Jan-19 20:00:00	1.09338E-15	33.52190399	-0.931499481
04-Jan-19 21:00:00	2881.589355	33.22628021	-0.295623779
04-Jan-19 22:00:00	1.5841E-05	32.95754623	-0.268733978
04-Jan-19 23:00:00	1.5841E-05	32.74258804	-0.214958191
05-Jan-19 00:00:00	2590.540039	32.22112274	-0.521465302
05-Jan-19 01:00:00	1.09857E-15	31.14596748	-1.075155258
05-Jan-19 02:00:00	1779.979614	30.30070877	-0.845258713
05-Jan-19 03:00:00	1788.168213	34.91691589	4.616207123
05-Jan-19 04:00:00	9.21401E-16	35.80612183	0.889205933
05-Jan-19 05:00:00	9.21401E-16	34.72478104	-1.08134079
05-Jan-19 06:00:00	9.21401E-16	33.6711731	-1.053607941
05-Jan-19 07:00:00	9.21401E-16	33.25176239	-0.419410706
05-Jan-19 08:00:00	389.6485291	33.04885864	-0.202903748
05-Jan-19 09:00:00	1003.703186	32.82566452	-0.223194122
05-Jan-19 10:00:00	6.44293E-25	32.62063599	-0.205028534
05-Jan-19 11:00:00	6.44293E-25	32.40881348	-0.21182251
05-Jan-19 12:00:00	1033.897217	32.02131271	-0.387500763
05-Jan-19 13:00:00	1.10288E-15	30.97019005	-1.051122665
05-Jan-19 14:00:00	1719.537842	30.34544182	-0.62474823
05-Jan-19 15:00:00	1723.052002	35.36073303	5.015291214
05-Jan-19 16:00:00	6.51656E-25	36.31014252	0.949409485
05-Jan-19 17:00:00	6.51656E-25	35.40343857	-0.906703949
05-Jan-19 18:00:00	6.51656E-25	34.33595657	-1.067481995
05-Jan-19 19:00:00	2197.945557	33.2729187	-1.063037872
05-Jan-19 20:00:00	1.09805E-15	32.19742203	-1.075496674
05-Jan-19 21:00:00	1.09805E-15	31.13131332	-1.066108704
05-Jan-19 22:00:00	1.09805E-15	30.14589691	-0.985416412
05-Jan-19 23:00:00	1774.885254	33.92652893	3.780632019
06-Jan-19 00:00:00	6.4323E-25	36.4160881	2.489559174
06-Jan-19 01:00:00	6.4323E-25	36.04243469	-0.373653412
06-Jan-19 02:00:00	6.4323E-25	35.0246582	-1.017776489
06-Jan-19 03:00:00	6.4323E-25	34.24333954	-0.781318665
06-Jan-19 04:00:00	1026.085327	33.88152313	-0.361816406
06-Jan-19 05:00:00	6.51494E-25	33.27261734	-0.608905792
06-Jan-19 06:00:00	6.51494E-25	32.19412994	-1.078487396
06-Jan-19 07:00:00	2950.843018	31.69206619	-0.502063751
06-Jan-19 08:00:00	6.59337E-25	31.48583412	-0.206232071
06-Jan-19 09:00:00	6.59337E-25	31.29004478	-0.195789337
06-Jan-19 10:00:00	6.59337E-25	31.11434746	-0.175697327
06-Jan-19 11:00:00	964.9364014	30.96405029	-0.150297165
06-Jan-19 12:00:00	3.55512E-05	30.64579773	-0.318252563
06-Jan-19 13:00:00	1656.335571	31.68214035	1.036342621
06-Jan-19 14:00:00	0.081203274	36.4636116	4.781471252

06-Jan-19 15:00:00	1.00166E-15	35.85415649	-0.609455109
06-Jan-19 16:00:00	1.00166E-15	34.85121918	-1.002937317
06-Jan-19 17:00:00	2992.536377	33.85005951	-1.001159668
06-Jan-19 18:00:00	1.09915E-15	32.9779129	-0.872146606
06-Jan-19 19:00:00	1.09915E-15	32.73366547	-0.244247437
06-Jan-19 20:00:00	2974.63916	32.50819397	-0.225471497
06-Jan-19 21:00:00	1.10387E-15	32.29282379	-0.215370178
06-Jan-19 22:00:00	1.10387E-15	32.04145813	-0.251365662
06-Jan-19 23:00:00	98.52636719	30.8680687	-1.173389435
07-Jan-19 00:00:00	1720.744019	31.47648621	0.608417511
07-Jan-19 01:00:00	1740.079102	36.01071548	4.534229279
07-Jan-19 02:00:00	3.20136E-10	35.60245132	-0.40826416
07-Jan-19 03:00:00	3.20136E-10	35.37421799	-0.228233337
07-Jan-19 04:00:00	3.20136E-10	35.15161896	-0.22259903
07-Jan-19 05:00:00	3.20136E-10	34.9317131	-0.219905853
07-Jan-19 06:00:00	2514.578125	34.06329727	-0.868415833
07-Jan-19 07:00:00	1.09816E-15	32.98199844	-1.081298828
07-Jan-19 08:00:00	1.09816E-15	32.1127243	-0.869274139
07-Jan-19 09:00:00	1.09816E-15	31.02827263	-1.084451675
07-Jan-19 10:00:00	254.3798981	30.37843513	-0.649837494
07-Jan-19 11:00:00	1654.574097	32.73049545	2.352060318
07-Jan-19 12:00:00	6.4987E-25	36.28393173	3.553436279
07-Jan-19 13:00:00	6.4987E-25	35.37698364	-0.90694809
07-Jan-19 14:00:00	6.4987E-25	34.6631012	-0.713882446
07-Jan-19 15:00:00	6.4987E-25	34.14196014	-0.521141052
07-Jan-19 16:00:00	1766.594238	33.83684921	-0.305110931
07-Jan-19 17:00:00	1.59087E-05	32.7362442	-1.100605011
07-Jan-19 18:00:00	1.59087E-05	31.66497803	-1.071266174
07-Jan-19 19:00:00	3018.937988	30.85992622	-0.805051804
07-Jan-19 20:00:00	1.58948E-05	30.63119698	-0.228729248
07-Jan-19 21:00:00	1.58948E-05	30.38723183	-0.243965149
07-Jan-19 22:00:00	2964.936523	30.15100479	-0.236227036
07-Jan-19 23:00:00	1699.858398	32.52973175	2.378726959
08-Jan-19 00:00:00	6.56052E-25	36.33694077	3.807209015
08-Jan-19 01:00:00	6.56052E-25	35.12046051	-1.216480255
08-Jan-19 02:00:00	6.56052E-25	34.01127243	-1.10918808
08-Jan-19 03:00:00	6.56052E-25	32.96671295	-1.044559479
08-Jan-19 04:00:00	6.56052E-25	32.43375015	-0.532962799
08-Jan-19 05:00:00	2387.708496	32.19825363	-0.235496521
08-Jan-19 06:00:00	6.49241E-25	31.35768127	-0.840572357
08-Jan-19 07:00:00	6.49241E-25	30.25777245	-1.099908829
08-Jan-19 08:00:00	1749.811768	33.29546356	3.037691116
08-Jan-19 09:00:00	1.09396E-15	36.18871689	2.893253326
08-Jan-19 10:00:00	1.09396E-15	34.90847778	-1.280239105
08-Jan-19 11:00:00	1.09396E-15	33.48492432	-1.423553467
08-Jan-19 12:00:00	1.09396E-15	32.34474945	-1.140174866
08-Jan-19 13:00:00	1.09396E-15	31.11759567	-1.227153778
08-Jan-19 14:00:00	1631.04834	30.48516655	-0.632429123
08-Jan-19 15:00:00	1636.088867	35.32815933	4.842992783
08-Jan-19 16:00:00	3.55369E-05	35.68363953	0.355480194
08-Jan-19 17:00:00	3.55369E-05	34.59892273	-1.084716797
08-Jan-19 18:00:00	3036.26123	33.36352921	-1.235393524
08-Jan-19 19:00:00	6.46389E-25	32.159729	-1.203800201
08-Jan-19 20:00:00	6.46389E-25	31.07967758	-1.080051422
08-Jan-19 21:00:00	1652.892822	30.04764557	-1.032032013
08-Jan-19 22:00:00	1700.060669	34.66108704	4.613441467
08-Jan-19 23:00:00	6.50031E-25	35.85154724	1.190460205
09-Jan-19 00:00:00	6.50031E-25	34.76170731	-1.089839935
09-Jan-19 01:00:00	3010.225586	34.17321396	-0.588493347
09-Jan-19 02:00:00	3.54878E-05	33.94093323	-0.232280731
09-Jan-19 03:00:00	3.54878E-05	33.45013809	-0.490795135
09-Jan-19 04:00:00	3.54878E-05	32.2731514	-1.176986694
09-Jan-19 05:00:00	1022.362549	31.00203705	-1.271114349
09-Jan-19 06:00:00	1713.348145	30.19619179	-0.805845261
09-Jan-19 07:00:00	1747.431519	34.69563675	4.499444962
09-Jan-19 08:00:00	1.09489E-15	35.85471725	1.159080505
09-Jan-19 09:00:00	1.09489E-15	34.98129654	-0.873420715
09-Jan-19 10:00:00	1.09489E-15	34.71951675	-0.261779785
09-Jan-19 11:00:00	1.09489E-15	34.48276138	-0.236755371
09-Jan-19 12:00:00	1.09489E-15	34.24129105	-0.241470337
09-Jan-19 13:00:00	1026.047485	33.99625397	-0.245037079
09-Jan-19 14:00:00	1.00096E-15	33.75984955	-0.236404419
09-Jan-19 15:00:00	1.00096E-15	33.50872803	-0.251121521
09-Jan-19 16:00:00	1032.665039	33.26393127	-0.244796753
09-Jan-19 17:00:00	6.58401E-25	33.00968552	-0.254245758

09-Jan-19 18:00:00	4.35236311	32.78040314	-0.229282379
09-Jan-19 19:00:00	1029.687744	31.84827995	-0.932123184
09-Jan-19 20:00:00	1.00128E-15	30.75486565	-1.093414307
09-Jan-19 21:00:00	1675.329834	31.26877594	0.513910294
09-Jan-19 22:00:00	1677.239746	35.87121964	4.602443695
09-Jan-19 23:00:00	3.55343E-05	35.48109818	-0.39012146
10-Jan-19 00:00:00	3.55343E-05	34.4254837	-1.055614471
10-Jan-19 01:00:00	2818.179443	33.36761475	-1.057868958
10-Jan-19 02:00:00	1.09379E-15	32.30186462	-1.065750122
10-Jan-19 03:00:00	1.09379E-15	31.22921944	-1.072645187
10-Jan-19 04:00:00	3020.418945	30.15003967	-1.079179764
10-Jan-19 05:00:00	1733.210693	33.82802582	3.677986145
10-Jan-19 06:00:00	1.10686E-15	34.2743988	0.446372986
10-Jan-19 07:00:00	1.10686E-15	33.48188019	-0.792518616
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10-Jan-19 12:00:00	3.56966E-05	31.8089695	-0.398920059
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10-Jan-19 14:00:00	1.2024E-15	31.16470337	-0.256008148
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10-Jan-19 16:00:00	2989.541504	30.6655159	-0.259181976
10-Jan-19 17:00:00	1641.559204	31.85586929	1.190353394
10-Jan-19 18:00:00	0.183914974	36.46331024	4.607440948
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11-Jan-19 14:00:00	6.56782E-25	30.14808273	-1.133407593
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11-Jan-19 20:00:00	6.5399E-25	34.74118805	-0.85641098
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11-Jan-19 23:00:00	9.20538E-16	31.20277405	-1.101970673
12-Jan-19 00:00:00	9.20538E-16	30.11477852	-1.087995529
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12-Jan-19 03:00:00	1.58776E-05	36.17200851	-0.238208771
12-Jan-19 04:00:00	3067.097168	35.92441559	-0.247592926
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12-Jan-19 06:00:00	1.10698E-15	34.82162857	-0.857357025
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12-Jan-19 22:00:00	3.55082E-05	30.98335838	-0.218332291
12-Jan-19 23:00:00	3.55082E-05	30.75488472	-0.228473663
13-Jan-19 00:00:00	2383.815674	30.04901695	-0.705867767
13-Jan-19 01:00:00	1703.596069	34.37696075	4.327943802
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13-Jan-19 12:00:00	103.348175	30.37617683	-0.264123917
13-Jan-19 13:00:00	1627.962036	30.17076111	-0.205415726
13-Jan-19 14:00:00	1643.476318	34.9818306	4.811069489
13-Jan-19 15:00:00	3.2057E-10	35.76625443	0.784423828
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13-Jan-19 18:00:00	3.2057E-10	33.38512421	-0.25353241
13-Jan-19 19:00:00	1035.846924	33.15830231	-0.226821899
13-Jan-19 20:00:00	9.20841E-16	32.93781662	-0.220485687
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13-Jan-19 23:00:00	1.00368E-15	30.33844376	-1.023361206
14-Jan-19 00:00:00	1710.546631	33.12312698	2.784683228
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14-Jan-19 04:00:00	1.00409E-15	32.80084229	-1.214710236
14-Jan-19 05:00:00	2544.534668	32.13225937	-0.668582916
14-Jan-19 06:00:00	6.59112E-25	31.89744186	-0.234817505
14-Jan-19 07:00:00	6.59112E-25	30.83625412	-1.061187744
14-Jan-19 08:00:00	6.59112E-25	30.18816185	-0.64809227
14-Jan-19 09:00:00	1690.209595	31.04001999	0.851858139
14-Jan-19 10:00:00	1668.784912	36.29072952	5.250709534
14-Jan-19 11:00:00	3.20323E-10	35.5295372	-0.761192322
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14-Jan-19 18:00:00	1.19985E-15	30.59780502	-0.85669136
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14-Jan-19 23:00:00	10.85517406	34.21264648	-0.22562027
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15-Jan-19 17:00:00	26.30314255	30.31142044	-1.004312515
15-Jan-19 18:00:00	1664.959351	33.76931763	3.457897186
15-Jan-19 19:00:00	1.00705E-15	36.28449249	2.515174866
15-Jan-19 20:00:00	1.00705E-15	35.97580719	-0.308685303
15-Jan-19 21:00:00	1474.418213	35.63716125	-0.338645935
15-Jan-19 22:00:00	3.56636E-05	34.60705185	-1.030109406
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16-Jan-19 02:00:00	6.47318E-25	31.98434448	-0.221904755
16-Jan-19 03:00:00	1835.119263	31.75547981	-0.22886467
16-Jan-19 04:00:00	1.10624E-15	31.53345299	-0.222026825
16-Jan-19 05:00:00	1.10624E-15	31.3129425	-0.220510483
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16-Jan-19 07:00:00	6.55808E-25	30.11746979	-0.974262238
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16-Jan-19 09:00:00	6.47361E-25	35.99342346	1.915031433
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16-Jan-19 12:00:00	2675.545654	34.02809525	-0.222927094
16-Jan-19 13:00:00	1020.371582	33.80932617	-0.218769073
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16-Jan-19 20:00:00	1.20244E-15	34.39766693	-1.027336121
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17-Jan-19 04:00:00	6.46351E-25	35.9054451	-0.22700882
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17-Jan-19 16:00:00	1331.959229	33.15597916	-1.045986176
17-Jan-19 17:00:00	1027.835815	32.09651184	-1.059467316
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18-Jan-19 04:00:00	1.0971E-15	33.58047867	-1.11133194
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18-Jan-19 17:00:00	1651.814209	31.86598969	1.237407684
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19-Jan-19 03:00:00	6.44404E-25	34.01057434	-0.488594055
19-Jan-19 04:00:00	6.44404E-25	32.93786621	-1.07270813
19-Jan-19 05:00:00	6.44404E-25	31.88302994	-1.054836273
19-Jan-19 06:00:00	3050.706543	30.61034775	-1.27268219
19-Jan-19 07:00:00	1722.675659	31.90969086	1.299343109
19-Jan-19 08:00:00	1.20554E-15	35.61055756	3.700866699
19-Jan-19 09:00:00	1.20554E-15	34.57286072	-1.037696838
19-Jan-19 10:00:00	1.20554E-15	33.53905487	-1.033805847
19-Jan-19 11:00:00	1.20554E-15	32.48494339	-1.054111481
19-Jan-19 12:00:00	1.20554E-15	31.40454292	-1.080400467
19-Jan-19 13:00:00	2289.958008	30.38599777	-1.018545151
19-Jan-19 14:00:00	1638.40918	33.0717392	2.685741425
19-Jan-19 15:00:00	6.50375E-25	36.1735878	3.101848602
19-Jan-19 16:00:00	6.50375E-25	35.12437439	-1.049213409
19-Jan-19 17:00:00	6.50375E-25	34.08377457	-1.040599823
19-Jan-19 18:00:00	6.50375E-25	33.30586624	-0.777908325
19-Jan-19 19:00:00	1030.953003	33.05191803	-0.253948212
19-Jan-19 20:00:00	9.19407E-16	32.82432938	-0.227588654
19-Jan-19 21:00:00	9.19407E-16	32.57069778	-0.253631592
19-Jan-19 22:00:00	1070.786133	32.33563614	-0.235061646
19-Jan-19 23:00:00	1.10724E-15	32.09742355	-0.238212585
20-Jan-19 00:00:00	1.10724E-15	31.57435799	-0.523065567
20-Jan-19 01:00:00	3011.674561	30.54313087	-1.031227112
20-Jan-19 02:00:00	1725.809204	32.12188721	1.578756332
20-Jan-19 03:00:00	1.09667E-15	33.80843353	1.686546326
20-Jan-19 04:00:00	1.09667E-15	32.77947235	-1.028961182
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20-Jan-19 06:00:00	1.09667E-15	32.17484665	-0.232555389
20-Jan-19 07:00:00	109.0163269	31.35964012	-0.815206528
20-Jan-19 08:00:00	40.69779968	30.1641655	-1.195474625
20-Jan-19 09:00:00	1669.434082	33.91685486	3.752689362
20-Jan-19 10:00:00	1.10407E-15	35.91321564	1.996360779
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20-Jan-19 12:00:00	1.10407E-15	34.88772964	-0.087963104
20-Jan-19 13:00:00	1.10407E-15	33.95898056	-0.928749084
20-Jan-19 14:00:00	2679.410645	32.77167511	-1.18730545
20-Jan-19 15:00:00	6.5264E-25	31.47451973	-1.29715538
20-Jan-19 16:00:00	6.5264E-25	30.90415382	-0.570365906
20-Jan-19 17:00:00	9.2192E-16	30.5286026	-0.375551224
20-Jan-19 18:00:00	9.2192E-16	30.14957619	-0.379026413
20-Jan-19 19:00:00	1656.339844	30.97729492	0.827718735
20-Jan-19 20:00:00	2749.072754	36.48205948	5.504764557
20-Jan-19 21:00:00	1.20266E-15	36.40715027	-0.07490921
20-Jan-19 22:00:00	1.20266E-15	36.30957031	-0.097579956
20-Jan-19 23:00:00	2816.393799	35.63218307	-0.677387238
21-Jan-19 00:00:00	6.57743E-25	34.68684006	-0.945343018
21-Jan-19 01:00:00	6.57743E-25	33.80592346	-0.880916595
21-Jan-19 02:00:00	3023.76709	32.89226913	-0.913654327
21-Jan-19 03:00:00	1.09627E-15	32.01808548	-0.874183655
21-Jan-19 04:00:00	1.09627E-15	31.14245224	-0.87563324
21-Jan-19 05:00:00	2886.087402	30.92201042	-0.220441818
21-Jan-19 06:00:00	6.62011E-25	30.82919502	-0.092815399
21-Jan-19 07:00:00	1684.685547	30.96921158	0.140016556
21-Jan-19 08:00:00	1677.010742	35.78064728	4.811435699
21-Jan-19 09:00:00	1.20676E-15	35.68206406	-0.098583221
21-Jan-19 10:00:00	1.20676E-15	34.61104202	-1.071022034
21-Jan-19 11:00:00	1.20676E-15	33.71751404	-0.893527985
21-Jan-19 12:00:00	1.20676E-15	32.80918503	-0.90832901
21-Jan-19 13:00:00	1040.89917	31.89690399	-0.912281036
21-Jan-19 14:00:00	1.20584E-15	31.15480995	-0.74209404
21-Jan-19 15:00:00	1.20584E-15	31.02835655	-0.1264534
21-Jan-19 16:00:00	2948.178955	30.92939758	-0.098958969
21-Jan-19 17:00:00	89.70542145	30.09375	-0.835647583
21-Jan-19 18:00:00	1644.444092	35.0329628	4.939212799
21-Jan-19 19:00:00	1.00175E-15	36.42708206	1.394119263
21-Jan-19 20:00:00	1.00175E-15	36.35011673	-0.076965332
21-Jan-19 21:00:00	1.00175E-15	36.26215363	-0.087963104
21-Jan-19 22:00:00	1032.450195	35.78437805	-0.477775574
21-Jan-19 23:00:00	3.55592E-05	34.91599274	-0.868385315
22-Jan-19 00:00:00	3.55592E-05	33.90729523	-1.00869751
22-Jan-19 01:00:00	3016.907959	32.84358597	-1.063709259
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22-Jan-19 03:00:00	1.2053E-15	31.91898155	-0.109952927
22-Jan-19 04:00:00	2850.821289	31.84201431	-0.076967239
22-Jan-19 05:00:00	1676.672852	33.50057602	1.658561707

22-Jan-19 06:00:00	6.52665E-25	36.15829849	2.657722473
22-Jan-19 07:00:00	6.52665E-25	35.26591492	-0.892383575
22-Jan-19 08:00:00	6.52665E-25	34.32875824	-0.937156677
22-Jan-19 09:00:00	1963.576782	33.5682869	-0.760471344
22-Jan-19 10:00:00	1002.702209	33.34838104	-0.219905853
22-Jan-19 11:00:00	3.20805E-10	33.16145706	-0.186923981
22-Jan-19 12:00:00	38.47849655	32.96353912	-0.197917938
22-Jan-19 13:00:00	0.100430079	32.8454895	-0.118049622
22-Jan-19 14:00:00	6.49317E-25	31.85051346	-0.994976044
22-Jan-19 15:00:00	2931.181152	30.79668045	-1.053833008
22-Jan-19 16:00:00	1631.346802	30.48874855	-0.3079319
22-Jan-19 17:00:00	1643.591553	35.45952225	4.970773697
22-Jan-19 18:00:00	1.5905E-05	36.42642975	0.966907501
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22-Jan-19 20:00:00	1.5905E-05	36.20717621	-0.109954834
22-Jan-19 21:00:00	2168.69165	36.13020706	-0.076969147
22-Jan-19 22:00:00	6.50333E-25	36.02622223	-0.103984833
22-Jan-19 23:00:00	6.50333E-25	35.92788315	-0.098339081
23-Jan-19 00:00:00	3046	35.8223381	-0.105545044
23-Jan-19 01:00:00	3.56972E-05	35.74536896	-0.076969147
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23-Jan-19 04:00:00	6.50519E-25	33.47684479	-0.882591248
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23-Jan-19 08:00:00	1745.919312	30.95506287	0.131183624
23-Jan-19 09:00:00	1719.662842	36.20892715	5.253864288
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23-Jan-19 14:00:00	6.4997E-25	32.45251083	-0.84810257
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23-Jan-19 17:00:00	1.20122E-15	31.17129707	-0.091365814
23-Jan-19 18:00:00	1.20122E-15	30.59921646	-0.572080612
23-Jan-19 19:00:00	1691.151611	31.63820076	1.038984299
23-Jan-19 20:00:00	1711.871826	36.36302567	4.724824905
23-Jan-19 21:00:00	6.4924E-25	36.14780045	-0.21522522
23-Jan-19 22:00:00	6.4924E-25	36.04224396	-0.105556488
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24-Jan-19 03:00:00	6.49607E-25	34.6702652	-0.87783432
24-Jan-19 04:00:00	6.49607E-25	33.70277405	-0.96749115
24-Jan-19 05:00:00	6.49607E-25	32.61705399	-1.085720062
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24-Jan-19 08:00:00	1.09376E-15	30.52256966	-0.293394089
24-Jan-19 09:00:00	1055.925781	30.3026619	-0.219907761
24-Jan-19 10:00:00	1.58324E-05	30.18095589	-0.121706009
24-Jan-19 11:00:00	1637.302246	31.42184639	1.240890503
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24-Jan-19 13:00:00	1.20488E-15	35.59187317	-0.894744873
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24-Jan-19 20:00:00	3105.135498	30.70915031	-0.497982025
24-Jan-19 21:00:00	0.112961002	30.5995369	-0.109613419
24-Jan-19 22:00:00	1.00216E-15	30.52256966	-0.076967239
24-Jan-19 23:00:00	2976.401855	30.41261482	-0.109954834
25-Jan-19 00:00:00	1669.45752	31.92679787	1.514183044
25-Jan-19 01:00:00	1.59054E-05	36.4394455	4.512647629
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25-Jan-19 04:00:00	1.59054E-05	34.05363846	-0.593128204
25-Jan-19 05:00:00	2564.857422	33.95768356	-0.095954895
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25-Jan-19 07:00:00	1.00371E-15	33.76620483	-0.113372803
25-Jan-19 08:00:00	3070.74707	33.16713715	-0.599067688

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25-Jan-19 11:00:00	2990.360596	30.41261482	-0.728534698
25-Jan-19 12:00:00	1640.107544	30.56705093	0.154436111
25-Jan-19 13:00:00	1643.070923	35.60106659	5.034015656
25-Jan-19 14:00:00	1.20311E-15	35.88359451	0.282527924
25-Jan-19 15:00:00	1.20311E-15	35.74110031	-0.142494202
25-Jan-19 16:00:00	1.20311E-15	35.6464119	-0.094688416
25-Jan-19 17:00:00	1024.041748	35.53645706	-0.109954834
25-Jan-19 18:00:00	3.20191E-10	34.96868134	-0.567775726
25-Jan-19 19:00:00	3.20191E-10	34.07658386	-0.892097473
25-Jan-19 20:00:00	1031.733643	33.66120148	-0.415382385
25-Jan-19 21:00:00	1.09732E-15	33.55080414	-0.110397339
25-Jan-19 22:00:00	2999.734131	33.45833206	-0.092472076
25-Jan-19 23:00:00	1008.146912	33.38136673	-0.076965332
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26-Jan-19 01:00:00	3071.969727	33.18344879	-0.1079216
26-Jan-19 02:00:00	3.56231E-05	33.08691406	-0.096534729
26-Jan-19 03:00:00	3.56231E-05	32.99412918	-0.092784882
26-Jan-19 04:00:00	1035.441284	32.43952942	-0.554599762
26-Jan-19 05:00:00	6.53805E-25	31.56625748	-0.873271942
26-Jan-19 06:00:00	25.22634125	30.57865906	-0.987598419
26-Jan-19 07:00:00	1716.221558	32.2622757	1.683616638
26-Jan-19 08:00:00	6.5054E-25	36.08040237	3.818126678
26-Jan-19 09:00:00	6.5054E-25	35.19218445	-0.888217926
26-Jan-19 10:00:00	6.5054E-25	34.30692673	-0.885257721
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26-Jan-19 12:00:00	1012.725952	33.34838104	-0.105823517
26-Jan-19 13:00:00	6.41917E-25	33.2714119	-0.076969147
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26-Jan-19 18:00:00	3.55933E-05	30.26765823	-0.89425087
26-Jan-19 19:00:00	3.55933E-05	29.37801743	-0.889640808
26-Jan-19 20:00:00	3065.758545	29.203125	-0.174892426
26-Jan-19 21:00:00	1611.117188	29.26534843	0.062223434
26-Jan-19 22:00:00	1642.556519	35.02427292	5.758924484
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27-Jan-19 00:00:00	3049.706543	35.41550827	-0.098960876
27-Jan-19 01:00:00	0.595214844	35.31655121	-0.098957062
27-Jan-19 02:00:00	1.58727E-05	35.00811768	-0.308433533
27-Jan-19 03:00:00	3011.056396	34.08272934	-0.925388336
27-Jan-19 04:00:00	6.49503E-25	33.21008682	-0.872642517
27-Jan-19 05:00:00	6.49503E-25	32.31941605	-0.890670776
27-Jan-19 06:00:00	52.74006271	31.80405807	-0.515357971
27-Jan-19 07:00:00	0.088885933	31.69907379	-0.104984283
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27-Jan-19 11:00:00	6.42896E-25	31.22427559	-0.221904755
27-Jan-19 12:00:00	3052.975342	30.27871132	-0.94556427
27-Jan-19 13:00:00	1652.14624	33.53648758	3.25777626
27-Jan-19 14:00:00	1.20536E-15	36.14657593	2.610088348
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27-Jan-19 16:00:00	0.908976495	34.33387375	-0.904506683
27-Jan-19 17:00:00	1019.27124	33.44392395	-0.889949799
27-Jan-19 18:00:00	3.56041E-05	33.12847137	-0.315452576
27-Jan-19 19:00:00	3091.027344	33.02153778	-0.106933594
27-Jan-19 20:00:00	0.043678455	32.91291428	-0.108623505
27-Jan-19 21:00:00	6.60321E-25	32.79768372	-0.11523056
27-Jan-19 22:00:00	2962.15332	32.44054413	-0.357139587
27-Jan-19 23:00:00	9.2065E-16	31.5269928	-0.913551331
28-Jan-19 00:00:00	9.2065E-16	30.61985016	-0.907142639
28-Jan-19 01:00:00	1027.678833	30.35763931	-0.262210846
28-Jan-19 02:00:00	1.58764E-05	30.24768448	-0.109954834
28-Jan-19 03:00:00	3059.18042	30.13773155	-0.109952927
28-Jan-19 04:00:00	9.986117363	30.02002335	-0.117708206
28-Jan-19 05:00:00	1746.479736	34.84912109	4.829097748
28-Jan-19 06:00:00	6.61091E-25	36.17187881	1.322757721
28-Jan-19 07:00:00	6.61091E-25	35.24015427	-0.931724548
28-Jan-19 08:00:00	6.61091E-25	34.33405304	-0.906101227
28-Jan-19 09:00:00	1049.734863	33.27890396	-1.055149078
28-Jan-19 10:00:00	3.55169E-05	32.260849	-1.018054962
28-Jan-19 11:00:00	3.55169E-05	31.35635376	-0.904495239

28-Jan-19 12:00:00	2833.788574	30.46993256	-0.886421204
28-Jan-19 13:00:00	1643.964966	32.43935013	1.969417572
28-Jan-19 14:00:00	9.22417E-16	36.48205948	4.042709351
28-Jan-19 15:00:00	9.22417E-16	36.37104416	-0.11101532
28-Jan-19 16:00:00	9.22417E-16	35.81600952	-0.555034637
28-Jan-19 17:00:00	2795.496582	34.9385376	-0.877471924
28-Jan-19 18:00:00	0.194761828	34.01860046	-0.919937134
28-Jan-19 19:00:00	6.45466E-25	33.5823555	-0.436244965
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28-Jan-19 21:00:00	6.57401E-25	33.38136673	-0.102005005
28-Jan-19 22:00:00	6.57401E-25	33.2714119	-0.109954834
28-Jan-19 23:00:00	1789.329834	33.1543808	-0.117031097
29-Jan-19 00:00:00	1.20727E-15	32.75741196	-0.396968842
29-Jan-19 01:00:00	3120.635742	31.85029984	-0.907112122
29-Jan-19 02:00:00	1.00073E-15	30.95421219	-0.896087646
29-Jan-19 03:00:00	80.64096832	30.07754517	-0.876667023
29-Jan-19 04:00:00	1674.357178	34.4824791	4.404933929
29-Jan-19 05:00:00	6.58432E-25	35.97480011	1.492321014
29-Jan-19 06:00:00	6.58432E-25	35.10055923	-0.874240875
29-Jan-19 07:00:00	1040.020264	34.97569275	-0.124866486
29-Jan-19 08:00:00	1.10443E-15	34.86574173	-0.109951019
29-Jan-19 09:00:00	73.50487518	34.7557869	-0.109954834
29-Jan-19 10:00:00	1031.499878	34.10893631	-0.646850586
29-Jan-19 11:00:00	6.50434E-25	33.21120071	-0.897735596
29-Jan-19 12:00:00	3083.029297	32.69326782	-0.517932892
29-Jan-19 13:00:00	6.57146E-25	32.35879517	-0.334472656
29-Jan-19 14:00:00	6.57146E-25	32.23421097	-0.124584198
29-Jan-19 15:00:00	1390.752075	31.37983704	-0.854373932
29-Jan-19 16:00:00	1.00561E-15	30.42245674	-0.957380295
29-Jan-19 17:00:00	1649.625732	32.52748871	2.105031967
29-Jan-19 18:00:00	3.55179E-05	36.37017059	3.842681885
29-Jan-19 19:00:00	3.55179E-05	35.69039154	-0.679779053
29-Jan-19 20:00:00	2858.012695	35.57423019	-0.116161346
29-Jan-19 21:00:00	1.0948E-15	35.45490646	-0.11932373
29-Jan-19 22:00:00	1.0948E-15	34.60943222	-0.845474243
29-Jan-19 23:00:00	1027.134888	34.16285324	-0.446578979
30-Jan-19 00:00:00	1.58683E-05	34.0586586	-0.104194641
30-Jan-19 01:00:00	3014.325684	33.96089172	-0.097766876
30-Jan-19 02:00:00	1017.829468	33.86164093	-0.099250793
30-Jan-19 03:00:00	6.56125E-25	33.76620483	-0.095436096
30-Jan-19 04:00:00	3098.385254	33.43682098	-0.32938385
30-Jan-19 05:00:00	6.58335E-25	32.5055275	-0.931293488
30-Jan-19 06:00:00	6.58335E-25	31.61335373	-0.892173767
30-Jan-19 07:00:00	2939.841553	30.731493	-0.881860733
30-Jan-19 08:00:00	1685.52832	30.97158623	0.240093231
30-Jan-19 09:00:00	1668.638306	35.95008469	4.978498459
30-Jan-19 10:00:00	1.20408E-15	36.38954926	0.439464569
30-Jan-19 11:00:00	1.20408E-15	36.27608109	-0.11346817
30-Jan-19 12:00:00	1.20408E-15	36.16553879	-0.110542297
30-Jan-19 13:00:00	2157.333008	35.88871384	-0.276824951
30-Jan-19 14:00:00	1029.237549	35.75636673	-0.132347107
30-Jan-19 15:00:00	1.20103E-15	35.57066727	-0.185699463
30-Jan-19 16:00:00	30.48968124	34.68302155	-0.887645721
30-Jan-19 17:00:00	1032.510132	33.769207	-0.913814545
30-Jan-19 18:00:00	1.58222E-05	32.88710403	-0.882102966
30-Jan-19 19:00:00	3061.58667	32.00233841	-0.884765625
30-Jan-19 20:00:00	1.10315E-15	31.1229229	-0.879415512
30-Jan-19 21:00:00	1.10315E-15	30.15921783	-0.963705063
30-Jan-19 22:00:00	1655.395874	33.89919281	3.739974976
30-Jan-19 23:00:00	829.3283691	36.07253647	2.173343658
31-Jan-19 00:00:00	1.58271E-05	35.47220993	-0.600326538
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502099.8414	371.3899765	
30125990.48	5641366.577	35767357.06 Gallons

BLYPI100
1h
2/1/2019 0:00
2/28/2019 0:00

4,643,461.85 Gallons

	BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01	BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01	
	Circ Water Makeup Flow	Raw Water Tank Level	
01-Feb-19 00:00:00	6.55463E-25	30.90402222	
01-Feb-19 01:00:00	3100.473389	30.81864166	-0.08538055
01-Feb-19 02:00:00	3.56829E-05	30.63702393	-0.18161774
01-Feb-19 03:00:00	1693.457886	30.88301086	0.245986938
01-Feb-19 04:00:00	1710.442017	35.70186615	4.818855286
01-Feb-19 05:00:00	1.00645E-15	35.76135635	0.059490204
01-Feb-19 06:00:00	1.00645E-15	34.89345551	-0.86790085
01-Feb-19 07:00:00	2705.770996	34.18185425	-0.71160126
01-Feb-19 08:00:00	0.043759543	34.11805725	-0.063797
01-Feb-19 09:00:00	1.10189E-15	34.0410881	-0.07696915
01-Feb-19 10:00:00	3086.665039	33.94213104	-0.09895706
01-Feb-19 11:00:00	1.00409E-15	33.55050659	-0.39162445
01-Feb-19 12:00:00	1.00409E-15	32.67241287	-0.87809372
01-Feb-19 13:00:00	2996.634766	31.77686119	-0.89555168
01-Feb-19 14:00:00	1.20348E-15	31.04442787	-0.73243332
01-Feb-19 15:00:00	3076.462891	30.87086105	-0.17356682
01-Feb-19 16:00:00	0.326395929	30.43524933	-0.43561172
01-Feb-19 17:00:00	1656.394409	32.49718475	2.061935425
01-Feb-19 18:00:00	1.10346E-15	36.48205948	3.984874725
01-Feb-19 19:00:00	1.10346E-15	36.37683868	-0.10522079
01-Feb-19 20:00:00	1036.334473	36.30613327	-0.07070541
01-Feb-19 21:00:00	1.09871E-15	35.50159836	-0.80453491
01-Feb-19 22:00:00	1.09871E-15	34.60239029	-0.89920807
01-Feb-19 23:00:00	1031.106201	33.72264099	-0.8797493
02-Feb-19 00:00:00	1.0027E-15	32.8722496	-0.85039139
02-Feb-19 01:00:00	1.0027E-15	32.07291412	-0.79933548
02-Feb-19 02:00:00	1037.935181	31.97395897	-0.09895515
02-Feb-19 03:00:00	6.50771E-25	31.89698982	-0.07696915
02-Feb-19 04:00:00	98.42435455	31.80902863	-0.0879612
02-Feb-19 05:00:00	1029.247437	31.73002052	-0.0790081
02-Feb-19 06:00:00	3.55697E-05	30.89713478	-0.83288574
02-Feb-19 07:00:00	3062.456787	30.06750679	-0.82962799
02-Feb-19 08:00:00	1666.661133	35.40118408	5.333677292
02-Feb-19 09:00:00	3.56569E-05	36.42708206	1.02589798
02-Feb-19 10:00:00	3.56569E-05	36.32654953	-0.10053253
02-Feb-19 11:00:00	1431.160767	35.68317032	-0.64337921
02-Feb-19 12:00:00	6.59721E-25	34.81897736	-0.86419296
02-Feb-19 13:00:00	6.59721E-25	33.77533722	-1.04364014
02-Feb-19 14:00:00	1030.714966	33.23842621	-0.53691101
02-Feb-19 15:00:00	1.10585E-15	33.15008545	-0.08834076
02-Feb-19 16:00:00	3114.444336	33.05660248	-0.09348297
02-Feb-19 17:00:00	3.56726E-05	32.20669937	-0.84990311
02-Feb-19 18:00:00	3.56726E-05	31.33525467	-0.8714447
02-Feb-19 19:00:00	2393.126709	30.47784996	-0.85740471
02-Feb-19 20:00:00	1667.83313	32.14821625	1.670366287
02-Feb-19 21:00:00	6.47788E-25	36.36611176	4.217895508
02-Feb-19 22:00:00	6.47788E-25	35.3131218	-1.05298996
02-Feb-19 23:00:00	6.47788E-25	34.43677521	-0.87634659
03-Feb-19 00:00:00	6.47788E-25	33.5684166	-0.86835861
03-Feb-19 01:00:00	0.078299545	33.38136673	-0.18704987
03-Feb-19 02:00:00	1.00273E-15	33.29340363	-0.0879631
03-Feb-19 03:00:00	2819.750732	33.13615799	-0.15724564
03-Feb-19 04:00:00	6.54049E-25	32.23484421	-0.90131378
03-Feb-19 05:00:00	6.54049E-25	31.36678505	-0.86805916
03-Feb-19 06:00:00	1091.405151	30.48626518	-0.88051987
03-Feb-19 07:00:00	1728.092896	32.04916763	1.562902451
03-Feb-19 08:00:00	0.117230035	36.44153595	4.392368317
03-Feb-19 09:00:00	1.0018E-15	35.604599	-0.83693695
03-Feb-19 10:00:00	2698.842773	34.73365784	-0.87094116
03-Feb-19 11:00:00	988.8505859	33.86002731	-0.87363052
03-Feb-19 12:00:00	1.09628E-15	32.97995758	-0.88006973

03-Feb-19 13:00:00	3131.393066	32.07970047	-0.90025711
03-Feb-19 14:00:00	1022.852112	31.18639374	-0.89330673
03-Feb-19 15:00:00	6.55433E-25	30.31241608	-0.87397766
03-Feb-19 16:00:00	1649.877197	33.40859222	3.096176147
03-Feb-19 17:00:00	1031.800781	36.46763992	3.059047699
03-Feb-19 18:00:00	1035.459229	36.37210464	-0.09553528
03-Feb-19 19:00:00	1.59183E-05	36.02774429	-0.34436035
03-Feb-19 20:00:00	3109.223633	35.14717484	-0.88056946
03-Feb-19 21:00:00	1025.653198	34.26791763	-0.8792572
03-Feb-19 22:00:00	6.48947E-25	33.40319061	-0.86472702
03-Feb-19 23:00:00	6.48947E-25	32.50675583	-0.89643478
04-Feb-19 00:00:00	0.24018988	31.63245392	-0.87430191
04-Feb-19 01:00:00	1.09502E-15	30.7796917	-0.85276222
04-Feb-19 02:00:00	1.09502E-15	29.91526604	-0.86442566
04-Feb-19 03:00:00	1.09502E-15	29.06181717	-0.85344887
04-Feb-19 04:00:00	1.09502E-15	28.77204514	-0.28977203
04-Feb-19 05:00:00	1.10537E-15	30.75452423	1.982479095
04-Feb-19 06:00:00	1.10537E-15	36.35395813	5.599433899
04-Feb-19 07:00:00	1.10537E-15	36.18486404	-0.16909409
04-Feb-19 08:00:00	1.10537E-15	36.09722137	-0.08764267
04-Feb-19 09:00:00	1.10537E-15	36.02025604	-0.07696533
04-Feb-19 10:00:00	1.10537E-15	35.93054962	-0.08970642
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04-Feb-19 12:00:00	1.10537E-15	35.75120544	-0.08018494
04-Feb-19 13:00:00	1.10537E-15	35.66921234	-0.0819931
04-Feb-19 14:00:00	1.10537E-15	35.59065247	-0.07855988
04-Feb-19 15:00:00	1.10537E-15	35.49247742	-0.09817505
04-Feb-19 16:00:00	1.10537E-15	35.39279938	-0.09967804
04-Feb-19 17:00:00	1.10537E-15	35.28144073	-0.11135864
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04-Feb-19 19:00:00	1.10537E-15	34.70896149	-0.39095688
04-Feb-19 20:00:00	1.10537E-15	34.60237885	-0.10658264
04-Feb-19 21:00:00	1.10537E-15	34.49629974	-0.1060791
04-Feb-19 22:00:00	1.10537E-15	34.39232254	-0.1039772
04-Feb-19 23:00:00	1.10537E-15	34.29197693	-0.10034561
05-Feb-19 00:00:00	1.10537E-15	34.20601654	-0.08596039
05-Feb-19 01:00:00	1.10537E-15	34.09606552	-0.10995102
05-Feb-19 02:00:00	1.10537E-15	33.99710464	-0.09896088
05-Feb-19 03:00:00	1.10537E-15	33.88759613	-0.10950851
05-Feb-19 04:00:00	1.10537E-15	33.78819275	-0.09940338
05-Feb-19 05:00:00	1.10537E-15	33.67824173	-0.10995102
05-Feb-19 06:00:00	1.10537E-15	33.5682869	-0.10995483
05-Feb-19 07:00:00	1.10537E-15	33.49131775	-0.07696915
05-Feb-19 08:00:00	1.10537E-15	33.38136673	-0.10995102
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05-Feb-19 10:00:00	1.10537E-15	33.18344879	-0.10995483
05-Feb-19 11:00:00	1.10537E-15	33.12336731	-0.06008148
05-Feb-19 12:00:00	1.10537E-15	32.99711609	-0.12625122
05-Feb-19 13:00:00	1.10537E-15	32.74363327	-0.25348282
05-Feb-19 14:00:00	1.10537E-15	32.68451309	-0.05912018
05-Feb-19 15:00:00	1.10537E-15	32.63368225	-0.05083084
05-Feb-19 16:00:00	1.10537E-15	32.56771088	-0.06597137
05-Feb-19 17:00:00	1.10537E-15	32.53860474	-0.02910614
05-Feb-19 18:00:00	1.10537E-15	32.51071548	-0.02788925
05-Feb-19 19:00:00	1.10537E-15	32.45775604	-0.05295944
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05-Feb-19 23:00:00	1.10537E-15	32.29754257	-0.03926468
06-Feb-19 00:00:00	1.10537E-15	32.24884033	-0.04870224
06-Feb-19 01:00:00	1.10537E-15	32.21585846	-0.03298187
06-Feb-19 02:00:00	1.10537E-15	32.18101883	-0.03483963
06-Feb-19 03:00:00	1.10537E-15	32.12789154	-0.05312729
06-Feb-19 04:00:00	1.10537E-15	32.0839119	-0.04397964
06-Feb-19 05:00:00	1.10537E-15	32.05092621	-0.03298569
06-Feb-19 06:00:00	1.10537E-15	32.00694275	-0.04398346
06-Feb-19 07:00:00	1.10537E-15	31.75405121	-0.25289154
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06-Feb-19 09:00:00	1.10537E-15	31.67708397	-0.04398155
06-Feb-19 10:00:00	1.10537E-15	31.6249733	-0.05211067
06-Feb-19 11:00:00	1.10537E-15	27.22328568	-4.40168762
06-Feb-19 12:00:00	1.10537E-15	35.56080627	8.337520599
06-Feb-19 13:00:00	1.10537E-15	36.45310593	0.892299652
06-Feb-19 14:00:00	1.10537E-15	36.40960693	-0.04349899

06-Feb-19 15:00:00	1.10537E-15	36.31856918	-0.09103775
06-Feb-19 16:00:00	1.10537E-15	36.26215363	-0.05641556
06-Feb-19 17:00:00	1.10537E-15	36.18067932	-0.0814743
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06-Feb-19 20:00:00	1.10537E-15	36.02025604	-0.0446701
06-Feb-19 21:00:00	1.10537E-15	35.97627258	-0.04398346
06-Feb-19 22:00:00	1.10537E-15	35.93229294	-0.04397964
06-Feb-19 23:00:00	1.10537E-15	35.89532852	-0.03696442
07-Feb-19 00:00:00	1.10537E-15	35.85532379	-0.04000473
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07-Feb-19 19:00:00	1.10537E-15	34.56197357	-0.0508728
07-Feb-19 20:00:00	1.10537E-15	34.52488327	-0.0370903
07-Feb-19 21:00:00	1.10537E-15	34.48090363	-0.04397964
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07-Feb-19 23:00:00	1.10537E-15	34.22800827	-0.18875122
08-Feb-19 00:00:00	1.10537E-15	34.19502258	-0.03298569
08-Feb-19 01:00:00	1.10537E-15	34.15104294	-0.04397964
08-Feb-19 02:00:00	1.10537E-15	34.10359192	-0.04745102
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08-Feb-19 20:00:00	1.10537E-15	32.45775604	-0.03298187
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25-Feb-19 10:00:00	0		37.4821701	#VALUE!
25-Feb-19 11:00:00	0		37.43865585	-0.04351425
25-Feb-19 12:00:00	0		37.36407471	-0.07458115
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25-Feb-19 14:00:00	0		37.28472137	-0.03028107
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25-Feb-19 16:00:00	0		37.21875	-0.02984238
25-Feb-19 17:00:00	0		37.17855453	-0.04019547
25-Feb-19 18:00:00	0		37.13917923	-0.03937531
25-Feb-19 19:00:00	0		37.10879517	-0.03038406
25-Feb-19 20:00:00	0		37.07229614	-0.03649902
25-Feb-19 21:00:00	0		37.03182983	-0.04046631
25-Feb-19 22:00:00	0		37.0098381	-0.02199173
25-Feb-19 23:00:00	0		36.96585464	-0.04398346
26-Feb-19 00:00:00	0		36.94386673	-0.02198792
26-Feb-19 01:00:00	0		36.89988327	-0.04398346
26-Feb-19 02:00:00	0		36.86689758	-0.03298569
26-Feb-19 03:00:00	0		36.8339119	-0.03298569
26-Feb-19 04:00:00	0		36.80092621	-0.03298569
26-Feb-19 05:00:00	0		36.6343689	-0.16655731
26-Feb-19 06:00:00	0		36.5370369	-0.097332
26-Feb-19 07:00:00	0		36.50405121	-0.03298569
26-Feb-19 08:00:00	0		36.44907379	-0.05497742
26-Feb-19 09:00:00	0		36.39409637	-0.05497742
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26-Feb-19 12:00:00	0		36.26215363	-0.04180145
26-Feb-19 13:00:00	0		36.22916794	-0.03298569
26-Feb-19 14:00:00	0		36.18518448	-0.04398346
26-Feb-19 15:00:00	0		36.14120483	-0.04397964
26-Feb-19 16:00:00	0		36.1192131	-0.02199173
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26-Feb-19 18:00:00	0		36.03125	-0.03298569
26-Feb-19 19:00:00	0		35.98726654	-0.04398346
26-Feb-19 20:00:00	0		35.95428085	-0.03298569
26-Feb-19 21:00:00	0		35.92129517	-0.03298569
26-Feb-19 22:00:00	0		35.87731552	-0.04397964
26-Feb-19 23:00:00	0		35.84432983	-0.03298569
27-Feb-19 00:00:00	0		35.80034637	-0.04398346
27-Feb-19 01:00:00	0		35.76736069	-0.03298569
27-Feb-19 02:00:00	0		35.734375	-0.03298569
27-Feb-19 03:00:00	0		35.69039154	-0.04398346
27-Feb-19 04:00:00	0		35.65740585	-0.03298569
27-Feb-19 05:00:00	0		35.62442017	-0.03298569
27-Feb-19 06:00:00	0		35.40258789	-0.22183228
27-Feb-19 07:00:00	0		35.36053085	-0.04205704
27-Feb-19 08:00:00	0		35.27256775	-0.0879631
27-Feb-19 09:00:00	0		35.10763931	-0.16492844
27-Feb-19 10:00:00	0		35.07170105	-0.03593826
27-Feb-19 11:00:00	0		34.9317131	-0.13998795
27-Feb-19 12:00:00	0		34.77777863	-0.15393448
27-Feb-19 13:00:00	0		34.74462128	-0.03315735
27-Feb-19 14:00:00	0		34.58761978	-0.1570015
27-Feb-19 15:00:00	0		34.42592621	-0.16169357
27-Feb-19 16:00:00	0		34.27905273	-0.14687347
27-Feb-19 17:00:00	0		34.22800827	-0.05104446
27-Feb-19 18:00:00	0		34.19809341	-0.02991486
27-Feb-19 19:00:00	0		34.15413666	-0.04395676
27-Feb-19 20:00:00	0		34.11805725	-0.03607941
27-Feb-19 21:00:00	0		34.08506775	-0.0329895
27-Feb-19 22:00:00	0		34.0410881	-0.04397964
27-Feb-19 23:00:00	0		33.99710464	-0.04398346
28-Feb-19 00:00:00	0		33.97511673	-0.02198792
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59959.75432	68.85354424	
3597585.259	1045876.593	4643461.852 Gallons

BLYPI100
1h
3/1/2019 0:00

3/31/2019 0:00

507,441.16 Gallons

	BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01	BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01	
	Circ Water Makeup Flow	Raw Water Tank Level	
01-Mar-19 00:00:00	0	32.22685242	
01-Mar-19 01:00:00	0	32.19386292	-0.0329895
01-Mar-19 02:00:00	0	32.16088104	-0.03298187
01-Mar-19 03:00:00	0	32.11725998	-0.04362106
01-Mar-19 04:00:00	0	32.07894897	-0.038311
01-Mar-19 05:00:00	0	32.05092621	-0.02802277
01-Mar-19 06:00:00	0	32.00694275	-0.04398346
01-Mar-19 07:00:00	0	31.97395897	-0.03298378
01-Mar-19 08:00:00	0	31.83101845	-0.14294052
01-Mar-19 09:00:00	0	31.69907379	-0.13194466
01-Mar-19 10:00:00	0	31.55997467	-0.13909912
01-Mar-19 11:00:00	0	31.48236275	-0.07761192
01-Mar-19 12:00:00	0	31.35821724	-0.12414551
01-Mar-19 13:00:00	0	31.31423569	-0.04398155
01-Mar-19 14:00:00	0	31.1932869	-0.12094879
01-Mar-19 15:00:00	0	31.16013336	-0.03315353
01-Mar-19 16:00:00	0	31.11631966	-0.04381371
01-Mar-19 17:00:00	0	30.8713932	-0.24492645
01-Mar-19 18:00:00	0	30.79571152	-0.07568169
01-Mar-19 19:00:00	0	30.75347137	-0.04224014
01-Mar-19 20:00:00	0	30.73148155	-0.02198982
01-Mar-19 21:00:00	0	30.6875	-0.04398155
01-Mar-19 22:00:00	0	30.65451431	-0.03298569
01-Mar-19 23:00:00	0	30.62228203	-0.03223228
02-Mar-19 00:00:00	0	30.58042336	-0.04185867
02-Mar-19 01:00:00	0	30.54918289	-0.03124046
02-Mar-19 02:00:00	0	30.52256966	-0.02661324
02-Mar-19 03:00:00	0	30.4785881	-0.04398155
02-Mar-19 04:00:00	0	30.44165802	-0.03693008
02-Mar-19 05:00:00	0	30.41261482	-0.0290432
02-Mar-19 06:00:00	0	30.37852669	-0.03408813
02-Mar-19 07:00:00	0	30.34664345	-0.03188324
02-Mar-19 08:00:00	0	30.3112278	-0.03541565
02-Mar-19 09:00:00	0	30.29104614	-0.02018166
02-Mar-19 10:00:00	0	30.24768448	-0.04336166
02-Mar-19 11:00:00	0	30.20370293	-0.04398155
02-Mar-19 12:00:00	0	30.15167236	-0.05203056
02-Mar-19 13:00:00	0	30.12120438	-0.03046799
02-Mar-19 14:00:00	0	30.09375	-0.02745438
02-Mar-19 15:00:00	0	30.03752136	-0.05622864
02-Mar-19 16:00:00	0	30.03100014	-0.00652122
02-Mar-19 17:00:00	0	29.98379707	-0.04720306
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02-Mar-19 19:00:00	0	29.91782379	-0.04398155
02-Mar-19 20:00:00	0	29.90682793	-0.01099586
02-Mar-19 21:00:00	0	29.8637104	-0.04311752
02-Mar-19 22:00:00	0	29.82986069	-0.03384972
02-Mar-19 23:00:00	0	29.80787086	-0.02198982
03-Mar-19 00:00:00	0	29.76388931	-0.04398155
03-Mar-19 01:00:00	0	29.72690773	-0.03698158
03-Mar-19 02:00:00	0	29.69791603	-0.0289917
03-Mar-19 03:00:00	0	29.65393448	-0.04398155
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03-Mar-19 12:00:00	0	29.25642776	-0.0456562

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03-Mar-19 14:00:00	0		29.14814758	-0.05497742
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03-Mar-19 22:00:00	0		28.66435242	-0.04398155
03-Mar-19 23:00:00	0		28.62369537	-0.04065704
04-Mar-19 00:00:00	0		28.59286308	-0.03083229
04-Mar-19 01:00:00	0		28.55042839	-0.04243469
04-Mar-19 02:00:00	0		28.51041603	-0.04001236
04-Mar-19 03:00:00	0		28.47743034	-0.03298569
04-Mar-19 04:00:00	0		28.43636703	-0.04106331
04-Mar-19 05:00:00	0		28.4004631	-0.03590393
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04-Mar-19 07:00:00	0		28.32349586	-0.04258537
04-Mar-19 08:00:00	0		28.2853775	-0.03811836
04-Mar-19 09:00:00	0		28.25752258	-0.02785492
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04-Mar-19 12:00:00	0		28.14756966	-0.03298569
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04-Mar-19 23:00:00	0		27.70752525	-0.02952576
05-Mar-19 00:00:00	0		27.66377258	-0.04375267
05-Mar-19 01:00:00	0		27.62397003	-0.03980255
05-Mar-19 02:00:00	0		27.59780121	-0.02616882
05-Mar-19 03:00:00	0		27.55381966	-0.04398155
05-Mar-19 04:00:00	0		27.51548958	-0.03833008
05-Mar-19 05:00:00	0		27.48784637	-0.0276432
05-Mar-19 06:00:00	0		27.44386482	-0.04398155
05-Mar-19 07:00:00	0		27.4081192	-0.03574562
05-Mar-19 08:00:00	0		27.37789345	-0.03022575
05-Mar-19 09:00:00	0		27.34490776	-0.03298569
05-Mar-19 10:00:00	0		27.32291603	-0.02199173
05-Mar-19 11:00:00	0		27.27893448	-0.04398155
05-Mar-19 12:00:00	Out of Serv	Out of Serv		#VALUE!
05-Mar-19 13:00:00	Configure	Configure		#VALUE!
05-Mar-19 14:00:00	0		27.11400414	#VALUE!
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18-Mar-19 04:00:00	0	26.06944466	-0.04398155
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18-Mar-19 07:00:00	0	25.9348259	-0.04488182
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18-Mar-19 13:00:00	0	25.37673569	-0.05085945
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18-Mar-19 17:00:00	0	25.046875	-0.04398155
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18-Mar-19 19:00:00	0	24.9827404	-0.04214287
18-Mar-19 20:00:00	0	24.93883514	-0.04390526
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21-Mar-19 23:00:00	0	36.2401619	-0.04397964
22-Mar-19 00:00:00	0	36.19618225	-0.04397964
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22-Mar-19 02:00:00	0	36.1192131	-0.03298569
22-Mar-19 03:00:00	0	36.07522964	-0.04398346
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22-Mar-19 06:00:00	0	35.95428085	-0.03298569
22-Mar-19 07:00:00	0	35.91030121	-0.04397964
22-Mar-19 08:00:00	0	35.86631775	-0.04398346
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22-Mar-19 10:00:00	0	35.80034637	#VALUE!
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30-Mar-19 03:00:00	0	33.51330948	-0.03298569
30-Mar-19 04:00:00	0	33.4997406	-0.01356888
30-Mar-19 05:00:00	0	33.47734451	-0.02239609
30-Mar-19 06:00:00	0	33.4473381	-0.03000641
30-Mar-19 07:00:00	0	33.42829895	-0.01903915
30-Mar-19 08:00:00	0	33.40335464	-0.02494431
30-Mar-19 09:00:00	0	33.38136673	-0.02198792
30-Mar-19 10:00:00	0	33.37036896	-0.01099777
30-Mar-19 11:00:00	0	33.34838104	-0.02198792
30-Mar-19 12:00:00	0	33.32638931	-0.02199173
30-Mar-19 13:00:00	0	33.29340363	-0.03298569
30-Mar-19 14:00:00	0	33.2714119	-0.02199173
30-Mar-19 15:00:00	0	33.23842621	-0.03298569
30-Mar-19 16:00:00	0	33.22647476	-0.01195145
30-Mar-19 17:00:00	0	33.20544052	-0.02103424
30-Mar-19 18:00:00	0	33.17245483	-0.03298569
30-Mar-19 19:00:00	0	33.1504631	-0.02199173
30-Mar-19 20:00:00	0	33.12847137	-0.02199173
30-Mar-19 21:00:00	0	33.10647964	-0.02199173
30-Mar-19 22:00:00	0	33.07458115	-0.0318985
30-Mar-19 23:00:00	0	33.0625	-0.01208115
31-Mar-19 00:00:00	0	33.04050827	-0.02199173
			#VALUE!
			#VALUE!
			0
			0
			0
			0
			0

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	0	
	0	
	0	
	0	
	0	
	0	15189.873 gal/ft
	0	
	0	
0	33.40654373	
0	507441.1567	507441.1567 Gallons

BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01

BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01

BLYPI100
1h
4/1/2019 0:00

4/30/2019 0:00

4202150.454 Gallons

	Circ Water Makeup Flow	Raw Water Tank Level	
01-Apr-19 00:00:00	0	32.06192017	
01-Apr-19 01:00:00	0	32.00694275	-0.054977417
01-Apr-19 02:00:00	0	31.98854637	-0.018396378
01-Apr-19 03:00:00	0	31.9629631	-0.025583267
01-Apr-19 04:00:00	0	31.94097137	-0.02199173
01-Apr-19 05:00:00	0	31.90798569	-0.032985687
01-Apr-19 06:00:00	0	31.89698982	-0.010995865
01-Apr-19 07:00:00	0	31.86400414	-0.032985687
01-Apr-19 08:00:00	0	31.85092163	-0.013082504
01-Apr-19 09:00:00	0	31.83101845	-0.019903183
01-Apr-19 10:00:00	0	31.80902863	-0.021989822
01-Apr-19 11:00:00	0	31.7870369	-0.02199173
01-Apr-19 12:00:00	0	31.75405121	-0.032985687
01-Apr-19 13:00:00	0	31.74232101	-0.011730194
01-Apr-19 14:00:00	0	31.72106552	-0.021255493
01-Apr-19 15:00:00	0	31.68807793	-0.032987595
01-Apr-19 16:00:00	0	31.6660881	-0.021989822
01-Apr-19 17:00:00	0	31.63310242	-0.032985687
01-Apr-19 18:00:00	0	31.62210655	-0.010995865
01-Apr-19 19:00:00	0	31.53414345	-0.087963104
01-Apr-19 20:00:00	0	31.2394104	-0.294733047
01-Apr-19 21:00:00	0	31.1932869	-0.046123505
01-Apr-19 22:00:00	0	31.17129707	-0.021989822
01-Apr-19 23:00:00	0	31.1449585	-0.026338577
02-Apr-19 00:00:00	0	31.12731552	-0.017642975
02-Apr-19 01:00:00	0	31.09432793	-0.032987595
02-Apr-19 02:00:00	0	31.0723381	-0.021989822
02-Apr-19 03:00:00	0	31.0503521	-0.021986008
02-Apr-19 04:00:00	0	31.02835655	-0.021995544
02-Apr-19 05:00:00	0	31.00636482	-0.02199173
02-Apr-19 06:00:00	0	30.97337914	-0.032985687
02-Apr-19 07:00:00	0	30.95138931	-0.021989822
02-Apr-19 08:00:00	0	30.91750526	-0.033884048
02-Apr-19 09:00:00	0	30.64351845	-0.273986816
02-Apr-19 10:00:00	0	30.51157379	-0.131944656
02-Apr-19 11:00:00	0	30.4178257	-0.093748093
02-Apr-19 12:00:00	0	30.23669052	-0.181135178
02-Apr-19 13:00:00	0	30.0935936	-0.143096924
02-Apr-19 14:00:00	0	30.06872368	-0.024869919
02-Apr-19 15:00:00	0	30.03053474	-0.038188934
02-Apr-19 16:00:00	0	30.00665855	-0.02387619
02-Apr-19 17:00:00	0	29.98379707	-0.022861481
02-Apr-19 18:00:00	0	29.9328022	-0.050994873
02-Apr-19 19:00:00	0	29.92886162	-0.003940582
02-Apr-19 20:00:00	0	29.90682793	-0.022033691
02-Apr-19 21:00:00	0	29.87384224	-0.032985687
02-Apr-19 22:00:00	0	29.868433	-0.005409241
02-Apr-19 23:00:00	0	29.82986069	-0.038572311
03-Apr-19 00:00:00	0	29.80978584	-0.020074844
03-Apr-19 01:00:00	0	29.796875	-0.012910843
03-Apr-19 02:00:00	0	29.76388931	-0.032985687
03-Apr-19 03:00:00	0	29.74189758	-0.02199173
03-Apr-19 04:00:00	0	29.7089119	-0.032985687
03-Apr-19 05:00:00	0	29.69325066	-0.01566124
03-Apr-19 06:00:00	0	29.66493034	-0.028320313
03-Apr-19 07:00:00	0	32.03246307	2.36753273
03-Apr-19 08:00:00	0	35.06650162	3.034038544
03-Apr-19 09:00:00	0	34.93394852	-0.132553101
03-Apr-19 10:00:00	0	34.91698074	-0.016967773
03-Apr-19 11:00:00	0	34.79976654	-0.117214203
03-Apr-19 12:00:00	0	34.66782379	-0.131942749
03-Apr-19 13:00:00	0	34.64516449	-0.022659302
03-Apr-19 14:00:00	0	34.60480881	-0.040355682
03-Apr-19 15:00:00	0	34.57986069	-0.02494812

03-Apr-19 16:00:00	0	34.546875	-0.032985687
03-Apr-19 17:00:00	0	34.36111832	-0.185756683
03-Apr-19 18:00:00	0	34.28298569	-0.078132629
03-Apr-19 19:00:00	0	34.26099396	-0.02199173
03-Apr-19 20:00:00	0	34.22800827	-0.032985687
03-Apr-19 21:00:00	0	34.20601654	-0.02199173
03-Apr-19 22:00:00	0	34.17303085	-0.032985687
03-Apr-19 23:00:00	0	34.15104294	-0.021987915
04-Apr-19 00:00:00	0	34.11805725	-0.032985687
04-Apr-19 01:00:00	0	34.09606552	-0.02199173
04-Apr-19 02:00:00	0	34.06307983	-0.032985687
04-Apr-19 03:00:00	0	34.0410881	-0.02199173
04-Apr-19 04:00:00	0	34.02935028	-0.011737823
04-Apr-19 05:00:00	0	33.98611069	-0.043239594
04-Apr-19 06:00:00	0	33.95357895	-0.032531738
04-Apr-19 07:00:00	0	33.93113327	-0.022445679
04-Apr-19 08:00:00	0	33.89814758	-0.032985687
04-Apr-19 09:00:00	0	33.88489151	-0.013256073
04-Apr-19 10:00:00	0	33.8651619	-0.019729614
04-Apr-19 11:00:00	0	33.83217621	-0.032985687
04-Apr-19 12:00:00	0	33.81018448	-0.02199173
04-Apr-19 13:00:00	0	33.78508759	-0.025096893
04-Apr-19 14:00:00	0	33.76620483	-0.018882751
04-Apr-19 15:00:00	0	33.72642899	-0.039775848
04-Apr-19 16:00:00	0	33.70022964	-0.026199341
04-Apr-19 17:00:00	0	33.67152786	-0.028701782
04-Apr-19 18:00:00	0	33.64623642	-0.025291443
04-Apr-19 19:00:00	0	33.61226654	-0.033969879
04-Apr-19 20:00:00	0	33.59027863	-0.021987915
04-Apr-19 21:00:00	0	33.56455994	-0.025718689
04-Apr-19 22:00:00	0	33.53530121	-0.029258728
04-Apr-19 23:00:00	0	33.50422287	-0.031078339
05-Apr-19 00:00:00	0	33.49131775	-0.012905121
05-Apr-19 01:00:00	0	33.45833206	-0.032985687
05-Apr-19 02:00:00	0	33.43634415	-0.021987915
05-Apr-19 03:00:00	0	33.40335464	-0.032989502
05-Apr-19 04:00:00	0	33.38136673	-0.021987915
05-Apr-19 05:00:00	0	33.34838104	-0.032985687
05-Apr-19 06:00:00	0	33.3326149	-0.015766144
05-Apr-19 07:00:00	0	33.3063736	-0.026241302
05-Apr-19 08:00:00	0	33.28240585	-0.023967743
05-Apr-19 09:00:00	0	33.26041794	-0.021987915
05-Apr-19 10:00:00	0	33.23842621	-0.02199173
05-Apr-19 11:00:00	0	33.21643448	-0.02199173
05-Apr-19 12:00:00	0	33.18344879	-0.032985687
05-Apr-19 13:00:00	0	33.16145706	-0.02199173
05-Apr-19 14:00:00	0	33.12847137	-0.032985687
05-Apr-19 15:00:00	0	33.10647964	-0.02199173
05-Apr-19 16:00:00	0	33.07349396	-0.032985687
05-Apr-19 17:00:00	0	33.05150604	-0.021987915
05-Apr-19 18:00:00	0	33.01591492	-0.035591125
05-Apr-19 19:00:00	0	32.99652863	-0.019386292
05-Apr-19 20:00:00	0	32.96353912	-0.032989502
05-Apr-19 21:00:00	0	32.95254517	-0.010993958
05-Apr-19 22:00:00	0	32.91157913	-0.040966034
05-Apr-19 23:00:00	0	32.89175034	-0.019828796
06-Apr-19 00:00:00	0	32.68865967	-0.203090668
06-Apr-19 01:00:00	0	32.67066956	-0.017990112
06-Apr-19 02:00:00	0	32.65567017	-0.01499939
06-Apr-19 03:00:00	0	32.62268448	-0.032985687
06-Apr-19 04:00:00	0	32.61169052	-0.010993958
06-Apr-19 05:00:00	0	32.57664108	-0.035049438
06-Apr-19 06:00:00	0	32.466362	-0.110279083
06-Apr-19 07:00:00	0	32.16913986	-0.297222137
06-Apr-19 08:00:00	0	31.9881649	-0.18097496
06-Apr-19 09:00:00	0	31.68930435	-0.29886055
06-Apr-19 10:00:00	0	31.6660881	-0.023216248
06-Apr-19 11:00:00	0	31.63382721	-0.032260895
06-Apr-19 12:00:00	0	31.61314583	-0.020681381
06-Apr-19 13:00:00	0	31.58108521	-0.032060623
06-Apr-19 14:00:00	0	31.56010818	-0.02097702
06-Apr-19 15:00:00	0	31.52601624	-0.034091949
06-Apr-19 16:00:00	0	31.50115776	-0.024858475
06-Apr-19 17:00:00	0	31.47564316	-0.025514603
06-Apr-19 18:00:00	0	31.45717621	-0.018466949
06-Apr-19 19:00:00	0	31.4236393	-0.033536911
06-Apr-19 20:00:00	0	31.39981079	-0.023828506
06-Apr-19 21:00:00	0	31.3692131	-0.030597687

06-Apr-19 22:00:00	0	31.34722137	-0.02199173
06-Apr-19 23:00:00	0	31.31423569	-0.032985687
07-Apr-19 00:00:00	0	31.29224586	-0.021989822
07-Apr-19 01:00:00	0	31.25925827	-0.032987595
07-Apr-19 02:00:00	0	31.24237442	-0.01688385
07-Apr-19 03:00:00	0	31.22627258	-0.016101837
07-Apr-19 04:00:00	0	31.1932869	-0.032985687
07-Apr-19 05:00:00	0	31.17129707	-0.021989822
07-Apr-19 06:00:00	0	31.13830948	-0.032987595
07-Apr-19 07:00:00	0	31.12284088	-0.015468597
07-Apr-19 08:00:00	0	31.09002686	-0.032814026
07-Apr-19 09:00:00	0	31.0723381	-0.017688751
07-Apr-19 10:00:00	0	31.06134224	-0.010995865
07-Apr-19 11:00:00	0	31.02835655	-0.032985687
07-Apr-19 12:00:00	0	31.00636482	-0.02199173
07-Apr-19 13:00:00	0	30.97637939	-0.029985428
07-Apr-19 14:00:00	0	30.95138931	-0.024990082
07-Apr-19 15:00:00	0	30.92695236	-0.024436951
07-Apr-19 16:00:00	0	30.88557816	-0.041374207
07-Apr-19 17:00:00	0	30.80844879	-0.077129364
07-Apr-19 18:00:00	0	30.78645897	-0.021989822
07-Apr-19 19:00:00	0	30.75347137	-0.032987595
07-Apr-19 20:00:00	0	30.73148155	-0.021989822
07-Apr-19 21:00:00	0	30.69849586	-0.032985687
07-Apr-19 22:00:00	0	30.67999268	-0.018503189
07-Apr-19 23:00:00	0	30.65451431	-0.025478363
08-Apr-19 00:00:00	0	30.63252258	-0.02199173
08-Apr-19 01:00:00	0	30.60619926	-0.026323318
08-Apr-19 02:00:00	0	30.57876587	-0.027433395
08-Apr-19 03:00:00	0	30.56655121	-0.012214661
08-Apr-19 04:00:00	0	30.53356552	-0.032985687
08-Apr-19 05:00:00	0	30.51157379	-0.02199173
08-Apr-19 06:00:00	0	30.48758698	-0.023986816
08-Apr-19 07:00:00	0	30.46759224	-0.019994736
08-Apr-19 08:00:00	0	30.2702446	-0.197347641
08-Apr-19 09:00:00	0	29.85185242	-0.418392181
08-Apr-19 10:00:00	0	29.81886482	-0.032987595
08-Apr-19 11:00:00	0	29.71193695	-0.106927872
08-Apr-19 12:00:00	0	29.65393448	-0.058002472
08-Apr-19 13:00:00	0	29.63194466	-0.021989822
08-Apr-19 14:00:00	0	29.52527428	-0.10667038
08-Apr-19 15:00:00	0	29.48900414	-0.036270142
08-Apr-19 16:00:00	0	29.47589684	-0.0131073
08-Apr-19 17:00:00	0	29.43402863	-0.04186821
08-Apr-19 18:00:00	0	29.41219711	-0.021831512
08-Apr-19 19:00:00	0	29.38367462	-0.028522491
08-Apr-19 20:00:00	0	29.36805534	-0.015619278
08-Apr-19 21:00:00	0	29.33506966	-0.032985687
08-Apr-19 22:00:00	0	29.31307793	-0.02199173
08-Apr-19 23:00:00	0	29.28009224	-0.032985687
09-Apr-19 00:00:00	0	29.25810242	-0.021989822
09-Apr-19 01:00:00	0	29.22511482	-0.032987595
09-Apr-19 02:00:00	0	29.203125	-0.021989822
09-Apr-19 03:00:00	0	29.1720562	-0.031068802
09-Apr-19 04:00:00	0	29.15621948	-0.015836716
09-Apr-19 05:00:00	0	29.13715363	-0.019065857
09-Apr-19 06:00:00	0	29.10416603	-0.032987595
09-Apr-19 07:00:00	0	29.08217621	-0.021989822
09-Apr-19 08:00:00	0	28.9960041	-0.086172104
09-Apr-19 09:00:00	0	28.98321724	-0.012786865
09-Apr-19 10:00:00	0	28.86226845	-0.120948792
09-Apr-19 11:00:00	0	28.79521561	-0.067052841
09-Apr-19 12:00:00	0	28.69098282	-0.104232788
09-Apr-19 13:00:00	0	28.66435242	-0.026630402
09-Apr-19 14:00:00	0	28.62037086	-0.043981552
09-Apr-19 15:00:00	0	28.60016441	-0.020206451
09-Apr-19 16:00:00	0	28.55712128	-0.043043137
09-Apr-19 17:00:00	0	28.53240776	-0.024713516
09-Apr-19 18:00:00	0	28.50136185	-0.031045914
09-Apr-19 19:00:00	0	28.49262619	-0.008735657
09-Apr-19 20:00:00	0	28.47743034	-0.015195847
09-Apr-19 21:00:00	0	28.45544052	-0.021989822
09-Apr-19 22:00:00	0	28.43344879	-0.02199173
09-Apr-19 23:00:00	0	28.4004631	-0.032985687
10-Apr-19 00:00:00	0	28.38946724	-0.010995865
10-Apr-19 01:00:00	0	28.34548569	-0.043981552
10-Apr-19 02:00:00	0	28.33448982	-0.010995865
10-Apr-19 03:00:00	0	28.3125	-0.021989822

10-Apr-19 04:00:00	0	28.27951431	-0.032985687
10-Apr-19 05:00:00	0	28.25871277	-0.020801544
10-Apr-19 06:00:00	0	28.23553276	-0.023180008
10-Apr-19 07:00:00	0	28.21354103	-0.02199173
10-Apr-19 08:00:00	0	27.92869568	-0.284845352
10-Apr-19 09:00:00	0	27.88368034	-0.045015335
10-Apr-19 10:00:00	0	27.87268448	-0.010995865
10-Apr-19 11:00:00	0	27.85048294	-0.022201538
10-Apr-19 12:00:00	0	27.82870293	-0.021780014
10-Apr-19 13:00:00	0	27.79571724	-0.032985687
10-Apr-19 14:00:00	0	27.77372742	-0.021989822
10-Apr-19 15:00:00	0	27.76147079	-0.012256622
10-Apr-19 16:00:00	0	27.72974586	-0.03172493
10-Apr-19 17:00:00	0	27.70775414	-0.02199173
10-Apr-19 18:00:00	0	27.67476845	-0.032985687
10-Apr-19 19:00:00	0	27.65277863	-0.021989822
10-Apr-19 20:00:00	0	27.62770653	-0.025072098
10-Apr-19 21:00:00	0	27.60879707	-0.018909454
10-Apr-19 22:00:00	0	27.57580948	-0.032987595
10-Apr-19 23:00:00	0	27.55381966	-0.021989822
11-Apr-19 00:00:00	0	27.53076553	-0.023054123
11-Apr-19 01:00:00	0	27.5098381	-0.020927429
11-Apr-19 02:00:00	0	27.48784637	-0.02199173
11-Apr-19 03:00:00	0	27.45486069	-0.032985687
11-Apr-19 04:00:00	0	27.44386482	-0.010995865
11-Apr-19 05:00:00	0	27.41087914	-0.032985687
11-Apr-19 06:00:00	0	27.38888931	-0.021989822
11-Apr-19 07:00:00	0	27.37056923	-0.018320084
11-Apr-19 08:00:00	0	27.26794052	-0.102628708
11-Apr-19 09:00:00	0	27.24594879	-0.02199173
11-Apr-19 10:00:00	0	27.125	-0.120948792
11-Apr-19 11:00:00	0	31.87597275	4.750972748
11-Apr-19 12:00:00	0	34.08649826	2.210525513
11-Apr-19 13:00:00	0	33.953125	-0.13337326
11-Apr-19 14:00:00	0	33.93113327	-0.02199173
11-Apr-19 15:00:00	0	33.76725769	-0.16387558
11-Apr-19 16:00:00	0	33.73321915	-0.034038544
11-Apr-19 17:00:00	0	33.66724396	-0.065975189
11-Apr-19 18:00:00	0	33.61186218	-0.055381775
11-Apr-19 19:00:00	0	33.55729294	-0.054569244
11-Apr-19 20:00:00	0	33.50666428	-0.050628662
11-Apr-19 21:00:00	0	33.45833206	-0.048332214
11-Apr-19 22:00:00	0	33.40335464	-0.054977417
11-Apr-19 23:00:00	0	33.37036896	-0.032985687
12-Apr-19 00:00:00	0	33.31539154	-0.054977417
12-Apr-19 01:00:00	0	33.2714119	-0.043979645
12-Apr-19 02:00:00	0	33.2208519	-0.050559998
12-Apr-19 03:00:00	0	33.17245483	-0.048397064
12-Apr-19 04:00:00	0	33.12269974	-0.049755096
12-Apr-19 05:00:00	0	33.07349396	-0.04920578
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12-Apr-19 09:00:00	0	32.78004837	-0.065208435
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12-Apr-19 14:00:00	1983.55896	31.69494438	-0.103088379
12-Apr-19 15:00:00	1928.64978	31.0829258	-0.612018585
12-Apr-19 16:00:00	8.39071E-17	31.5112133	0.428287506
12-Apr-19 17:00:00	8.39071E-17	31.42419052	-0.087022781
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12-Apr-19 19:00:00	2444.636475	31.30871201	-0.049505234
12-Apr-19 20:00:00	3.54669E-05	31.25925827	-0.049453735
12-Apr-19 21:00:00	3.54669E-05	31.22627258	-0.032985687
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13-Apr-19 01:00:00	3.54669E-05	31.03935242	-0.043981552
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13-Apr-19 05:00:00	3.54669E-05	30.86342621	-0.043981552
13-Apr-19 06:00:00	3.54669E-05	30.81944466	-0.043981552
13-Apr-19 07:00:00	3220.424316	30.75377846	-0.065666199
13-Apr-19 08:00:00	7.73179E-17	30.67836189	-0.075416565
13-Apr-19 09:00:00	Out of Serv	Out of Serv	#VALUE!

13-Apr-19 10:00:00	Out of Serv	Out of Serv	#VALUE!
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13-Apr-19 12:00:00	0	30.32465363	-0.091669083
13-Apr-19 13:00:00	0	30.24579811	-0.078855515
13-Apr-19 14:00:00	0	30.14161682	-0.10418129
13-Apr-19 15:00:00	0	30.06092072	-0.080696106
13-Apr-19 16:00:00	0.009951679	36.4213028	6.36038208
13-Apr-19 17:00:00	7.22399E-26	35.52133179	-0.899971008
13-Apr-19 18:00:00	Out of Serv	Out of Serv	#VALUE!
13-Apr-19 19:00:00	Out of Serv	Out of Serv	#VALUE!
13-Apr-19 20:00:00	0	34.0965538	#VALUE!
13-Apr-19 21:00:00	0	34.03009415	-0.066459656
13-Apr-19 22:00:00	0	33.94213104	-0.087963104
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14-Apr-19 00:00:00	0	33.82118225	-0.054973602
14-Apr-19 01:00:00	0	33.75520706	-0.065975189
14-Apr-19 02:00:00	0	33.70022964	-0.054977417
14-Apr-19 03:00:00	0	33.62326431	-0.076965332
14-Apr-19 04:00:00	0	33.56938171	-0.053882599
14-Apr-19 05:00:00	0	33.51330948	-0.056072235
14-Apr-19 06:00:00	0	33.45142365	-0.061885834
14-Apr-19 07:00:00	0	33.39236069	-0.059062958
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14-Apr-19 22:00:00	1.073E-16	32.72831726	-0.919075012
14-Apr-19 23:00:00	1.073E-16	31.79292488	-0.93539238
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22-Apr-19 00:00:00	3.56051E-05	33.28240585	-0.043983459
22-Apr-19 01:00:00	3.56051E-05	33.25819778	-0.024208069
22-Apr-19 02:00:00	3.56051E-05	33.21643448	-0.041763306
22-Apr-19 03:00:00	3.56051E-05	33.17245483	-0.043979645
22-Apr-19 04:00:00	3.56051E-05	33.13907242	-0.033382416
22-Apr-19 05:00:00	3.56051E-05	33.10647964	-0.032592773
22-Apr-19 06:00:00	3.56051E-05	33.07349396	-0.032985687
22-Apr-19 07:00:00	3.56051E-05	33.03365326	-0.039840698
22-Apr-19 08:00:00	3.56051E-05	32.99652863	-0.037124634
22-Apr-19 09:00:00	3.56051E-05	32.96353912	-0.032989502
22-Apr-19 10:00:00	3.56051E-05	32.93088531	-0.032653809
22-Apr-19 11:00:00	3.56051E-05	32.90856552	-0.022319794
22-Apr-19 12:00:00	3.56051E-05	32.66572952	-0.242835999
22-Apr-19 13:00:00	3.56051E-05	32.16666412	-0.499065399
22-Apr-19 14:00:00	3.56051E-05	32.05092621	-0.115737915
22-Apr-19 15:00:00	3.56051E-05	32.01794052	-0.032985687
22-Apr-19 16:00:00	3.56051E-05	31.96356773	-0.054372787
22-Apr-19 17:00:00	3.56051E-05	31.91898155	-0.044586182
22-Apr-19 18:00:00	3.56051E-05	31.88599586	-0.032985687
22-Apr-19 19:00:00	3.56051E-05	31.84201431	-0.043981552
22-Apr-19 20:00:00	3.56051E-05	31.79803276	-0.043981552
22-Apr-19 21:00:00	3.56051E-05	31.75405121	-0.043981552
22-Apr-19 22:00:00	3.56051E-05	31.72106552	-0.032985687
22-Apr-19 23:00:00	3.56051E-05	31.67708397	-0.043981552
23-Apr-19 00:00:00	3.56051E-05	31.63310242	-0.043981552
23-Apr-19 01:00:00	3.56051E-05	31.59131813	-0.041784286
23-Apr-19 02:00:00	3.56051E-05	31.56712914	-0.024188995
23-Apr-19 03:00:00	3.56051E-05	31.51421547	-0.052913666

23-Apr-19 04:00:00	3.56051E-05	31.4708004	-0.04341507
23-Apr-19 05:00:00	3.56051E-05	31.43259811	-0.038202286
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23-Apr-19 13:00:00	3.56051E-05	30.3026619	-0.08108902
23-Apr-19 14:00:00	3.56051E-05	30.17455482	-0.128107071
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23-Apr-19 16:00:00	3.56051E-05	30.04976845	-0.054977417
23-Apr-19 17:00:00	1.91387E-16	33.03130722	2.981538773
23-Apr-19 18:00:00	1.91387E-16	36.47106552	3.439758301
23-Apr-19 19:00:00	1.91387E-16	36.4160881	-0.054977417
23-Apr-19 20:00:00	1.91387E-16	36.36111069	-0.054977417
23-Apr-19 21:00:00	1.91387E-16	36.29821396	-0.062896729
23-Apr-19 22:00:00	1.91387E-16	36.2401619	-0.058052063
23-Apr-19 23:00:00	1.91387E-16	36.18518448	-0.054977417
24-Apr-19 00:00:00	1.91387E-16	36.13020706	-0.054977417
24-Apr-19 01:00:00	1.91387E-16	36.06978226	-0.060424805
24-Apr-19 02:00:00	1.91387E-16	36.00925827	-0.060523987
24-Apr-19 03:00:00	1.91387E-16	35.95428085	-0.054977417
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24-Apr-19 05:00:00	1.91387E-16	35.54745483	-0.200778961
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24-Apr-19 08:00:00	1.91387E-16	35.38252258	-0.054977417
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24-Apr-19 10:00:00	1.91387E-16	35.17021561	-0.157329559
24-Apr-19 11:00:00	1.91387E-16	34.86574173	-0.304473877
24-Apr-19 12:00:00	1.91387E-16	34.75030136	-0.115440369
24-Apr-19 13:00:00	1.91387E-16	34.6746788	-0.075622559
24-Apr-19 14:00:00	1.91387E-16	34.58758163	-0.087097168
24-Apr-19 15:00:00	1.91387E-16	34.47864532	-0.10893631
24-Apr-19 16:00:00	1.91387E-16	34.2575264	-0.221118927
24-Apr-19 17:00:00	1.91387E-16	34.19502258	-0.062503815
24-Apr-19 18:00:00	1.91387E-16	34.14004517	-0.054977417
24-Apr-19 19:00:00	1.91387E-16	34.08269882	-0.057346344
24-Apr-19 20:00:00	1.91387E-16	34.02054977	-0.062149048
24-Apr-19 21:00:00	1.91387E-16	33.953125	-0.067424774
24-Apr-19 22:00:00	1.91387E-16	33.89892578	-0.054199219
24-Apr-19 23:00:00	1.91387E-16	33.84317017	-0.055755615
25-Apr-19 00:00:00	1.91387E-16	33.78819275	-0.054977417
25-Apr-19 01:00:00	1.91387E-16	33.73321915	-0.054973602
25-Apr-19 02:00:00	1.91387E-16	33.67356873	-0.059650421
25-Apr-19 03:00:00	1.91387E-16	33.61673737	-0.05683136
25-Apr-19 04:00:00	1.91387E-16	33.55729294	-0.059444427
25-Apr-19 05:00:00	1.91387E-16	33.50231552	-0.054977417
25-Apr-19 06:00:00	1.91387E-16	33.4473381	-0.054977417
25-Apr-19 07:00:00	1.91387E-16	32.88450623	-0.562831879
25-Apr-19 08:00:00	1.91387E-16	32.01454926	-0.86995697
25-Apr-19 09:00:00	1.91387E-16	31.14165115	-0.872898102
25-Apr-19 10:00:00	1.91387E-16	30.28178596	-0.859865189
25-Apr-19 11:00:00	37.5424118	36.38508987	6.103303909
25-Apr-19 12:00:00	4.53156E-07	35.6181221	-0.766967773
25-Apr-19 13:00:00	4.53156E-07	35.23958206	-0.378540039
25-Apr-19 14:00:00	4.53156E-07	35.18460464	-0.054977417
25-Apr-19 15:00:00	4.53156E-07	34.37222672	-0.81237793
25-Apr-19 16:00:00	4.53156E-07	33.50294495	-0.869281769
25-Apr-19 17:00:00	4.53156E-07	32.63670349	-0.866241455
25-Apr-19 18:00:00	4.53156E-07	31.73220825	-0.904495239
25-Apr-19 19:00:00	4.53156E-07	30.85864258	-0.873565674
25-Apr-19 20:00:00	1143.402954	30.1285038	-0.730138779
25-Apr-19 21:00:00	6.83999E-23	36.20694733	6.078443527
25-Apr-19 22:00:00	6.83999E-23	35.19515991	-1.011787415
25-Apr-19 23:00:00	6.83999E-23	34.0675354	-1.127624512
26-Apr-19 00:00:00	6.83999E-23	32.95067215	-1.116863251
26-Apr-19 01:00:00	6.83999E-23	32.03431702	-0.916355133
26-Apr-19 02:00:00	6.83999E-23	31.17171288	-0.862604141
26-Apr-19 03:00:00	6.83999E-23	30.31401634	-0.857696533
26-Apr-19 04:00:00	7.968948364	36.13644409	5.82242775
26-Apr-19 05:00:00	9.11078E-29	35.67388535	-0.462558746
26-Apr-19 06:00:00	9.11078E-29	35.27256775	-0.401317596
26-Apr-19 07:00:00	Out of Serv	Out of Serv	#VALUE!
26-Apr-19 08:00:00	9.11078E-29	35.24004745	#VALUE!
26-Apr-19 09:00:00	9.11078E-29	35.19560242	-0.044445038

26-Apr-19 10:00:00	9.11078E-29	35.15161896	-0.043983459
26-Apr-19 11:00:00	9.11078E-29	35.09664154	-0.054977417
26-Apr-19 12:00:00	9.11078E-29	35.04166794	-0.054973602
26-Apr-19 13:00:00	9.11078E-29	34.98669052	-0.054977417
26-Apr-19 14:00:00	9.11078E-29	34.9317131	-0.054977417
26-Apr-19 15:00:00	9.11078E-29	34.80470276	-0.127010345
26-Apr-19 16:00:00	9.11078E-29	34.53219223	-0.272510529
26-Apr-19 17:00:00	9.11078E-29	34.17324448	-0.358947754
26-Apr-19 18:00:00	9.11078E-29	34.09606552	-0.077178955
26-Apr-19 19:00:00	9.11078E-29	33.63402176	-0.462043762
26-Apr-19 20:00:00	9.11078E-29	32.7731514	-0.860870361
26-Apr-19 21:00:00	9.11078E-29	31.89927673	-0.873874664
26-Apr-19 22:00:00	9.11078E-29	31.01989746	-0.879379272
26-Apr-19 23:00:00	9.11078E-29	30.15220261	-0.867694855
27-Apr-19 00:00:00	4.22177E-36	36.37845612	6.22625351
27-Apr-19 01:00:00	4.22177E-36	35.55992889	-0.818527222
27-Apr-19 02:00:00	4.22177E-36	35.48339844	-0.076530457
27-Apr-19 03:00:00	Out of Serv	Out of Serv	#VALUE!
27-Apr-19 04:00:00	Out of Serv	Out of Serv	#VALUE!
27-Apr-19 05:00:00	Out of Serv	Out of Serv	#VALUE!
27-Apr-19 06:00:00	Out of Serv	Out of Serv	#VALUE!
27-Apr-19 07:00:00	Out of Serv	Out of Serv	#VALUE!
27-Apr-19 08:00:00	Out of Serv	Out of Serv	#VALUE!
27-Apr-19 09:00:00	Configure	Configure	#VALUE!
27-Apr-19 10:00:00	Configure	Configure	#VALUE!
27-Apr-19 11:00:00	Configure	Configure	#VALUE!
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27-Apr-19 13:00:00	4.22177E-36	34.9317131	0
27-Apr-19 14:00:00	1027.477295	34.40330887	-0.528404236
27-Apr-19 15:00:00	1017.608765	33.47012711	-0.933181763
27-Apr-19 16:00:00	1018.065002	32.60105515	-0.86907196
27-Apr-19 17:00:00	1019.391846	31.70035744	-0.900697708
27-Apr-19 18:00:00	1523.984131	30.78276443	-0.917593002
27-Apr-19 19:00:00	1825.18335	30.57842827	-0.204336166
27-Apr-19 20:00:00	1.26534E-16	36.24210739	5.663679123
27-Apr-19 21:00:00	1.26534E-16	35.32300186	-0.91910553
27-Apr-19 22:00:00	1.26534E-16	34.44744873	-0.875553131
27-Apr-19 23:00:00	1.26534E-16	33.4370842	-1.010364532
28-Apr-19 00:00:00	1.26534E-16	32.39760208	-1.039482117
28-Apr-19 01:00:00	1.26534E-16	31.51959229	-0.878009796
28-Apr-19 02:00:00	1.26534E-16	30.60721016	-0.912382126
28-Apr-19 03:00:00	1.85281E-23	33.01485062	2.407640457
28-Apr-19 04:00:00	3.55744E-05	35.96196365	2.947113037
28-Apr-19 05:00:00	3.55744E-05	35.09474945	-0.867214203
28-Apr-19 06:00:00	3.55744E-05	34.22138977	-0.87335968
28-Apr-19 07:00:00	3.55744E-05	33.09763718	-1.123752594
28-Apr-19 08:00:00	3.55744E-05	32.00027847	-1.097358704
28-Apr-19 09:00:00	3.55744E-05	31.59565163	-0.404626846
28-Apr-19 10:00:00	3.55744E-05	31.31191826	-0.283733368
28-Apr-19 11:00:00	3.55744E-05	30.66105461	-0.650863647
28-Apr-19 12:00:00	1845.407471	32.0457077	1.384653091
28-Apr-19 13:00:00	0.116744369	36.43664932	4.39094162
28-Apr-19 14:00:00	1.49312E-16	35.33585739	-1.100791931
28-Apr-19 15:00:00	1.49312E-16	34.2562561	-1.079601288
28-Apr-19 16:00:00	1017.706238	33.3364563	-0.919799805
28-Apr-19 17:00:00	1007.132568	32.4540062	-0.882450104
28-Apr-19 18:00:00	7.11094E-17	31.52897453	-0.925031662
28-Apr-19 19:00:00	7.11094E-17	30.65447998	-0.874494553
28-Apr-19 20:00:00	1026.526001	31.68483543	1.030355453
28-Apr-19 21:00:00	1.76152E-16	36.09939194	4.414556503
28-Apr-19 22:00:00	1.76152E-16	35.20029068	-0.899101257
28-Apr-19 23:00:00	1.76152E-16	34.33655167	-0.863739014
29-Apr-19 00:00:00	1.76152E-16	33.46873093	-0.86782074
29-Apr-19 01:00:00	1.76152E-16	32.55350876	-0.915222168
29-Apr-19 02:00:00	1.76152E-16	31.68228722	-0.871221542
29-Apr-19 03:00:00	8.511716843	30.81403732	-0.868249893
29-Apr-19 04:00:00	2.00877E-23	36.48805237	5.674015045
29-Apr-19 05:00:00	2.00877E-23	36.42708206	-0.060970306
29-Apr-19 06:00:00	2.00877E-23	36.37210464	-0.054977417
29-Apr-19 07:00:00	2.00877E-23	36.31713104	-0.054973602
29-Apr-19 08:00:00	2.00877E-23	36.25115585	-0.065975189
29-Apr-19 09:00:00	2.00877E-23	36.17536926	-0.075786591
29-Apr-19 10:00:00	2.00877E-23	35.60810089	-0.567268372
29-Apr-19 11:00:00	3268.69165	35.33132172	-0.276779175
29-Apr-19 12:00:00	1026.503784	35.07151413	-0.259807587
29-Apr-19 13:00:00	1027.504517	34.02812576	-1.043388367
29-Apr-19 14:00:00	1032.757324	33.13246918	-0.895656586
29-Apr-19 15:00:00	1023.777954	32.28634644	-0.846122742

29-Apr-19 16:00:00	1023.447571	31.42035866	-0.865987778	
29-Apr-19 17:00:00	1.49351E-16	30.75022888	-0.670129776	
29-Apr-19 18:00:00	95.05900574	30.01636124	-0.733867645	
29-Apr-19 19:00:00	1860.249878	34.59315109	4.576789856	
29-Apr-19 20:00:00	8.05412E-23	35.97185516	1.378704071	
29-Apr-19 21:00:00	8.05412E-23	35.13356018	-0.838294983	
29-Apr-19 22:00:00	8.05412E-23	34.29195023	-0.841609955	
29-Apr-19 23:00:00	8.05412E-23	33.44443512	-0.847515106	
30-Apr-19 00:00:00	8.05412E-23	32.55149841	-0.892936707	
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	41481.90312		112.7880573	
	2488914.187		1713236.267	4202150.454 Gallons

BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01 BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01

BLYPI100
1h
5/1/2019 0:00

5/31/2019 0:00

47760659.78 Gallons

	Circ Water Makeup Flow	Raw Water Tank Level	
01-May-19 00:00:00	1.62107E-16	35.51744843	
01-May-19 01:00:00	1.62107E-16	34.64083481	-0.87661362
01-May-19 02:00:00	1.62107E-16	33.73433685	-0.90649796
01-May-19 03:00:00	1.62107E-16	32.80755234	-0.92678452
01-May-19 04:00:00	1.62107E-16	31.91826439	-0.88928795
01-May-19 05:00:00	1.62107E-16	31.01340294	-0.90486145
01-May-19 06:00:00	1.62107E-16	30.12830734	-0.8850956
01-May-19 07:00:00	1.85282E-23	36.31482697	6.186519623
01-May-19 08:00:00	1.85282E-23	35.34777451	-0.96705246
01-May-19 09:00:00	1.85282E-23	34.36512756	-0.98264694
01-May-19 10:00:00	1.85282E-23	33.48958969	-0.87553787
01-May-19 11:00:00	2080.65918	32.59756851	-0.89202118
01-May-19 12:00:00	1032.169312	31.64031219	-0.95725632
01-May-19 13:00:00	1029.767578	30.73481178	-0.90550041
01-May-19 14:00:00	1857.819702	30.96728134	0.232469559
01-May-19 15:00:00	1863.35376	35.7095871	4.742305756
01-May-19 16:00:00	3.85963E-05	35.70937347	-0.00021362
01-May-19 17:00:00	3.85963E-05	34.84057999	-0.86879349
01-May-19 18:00:00	3045.177002	33.89617157	-0.94440842
01-May-19 19:00:00	1000.843445	32.99369812	-0.90247345
01-May-19 20:00:00	7.11159E-17	32.10951614	-0.88418198
01-May-19 21:00:00	7.11159E-17	31.19803429	-0.91148186
01-May-19 22:00:00	7.11159E-17	30.26255226	-0.93548203
01-May-19 23:00:00	0.165193677	36.48663712	6.224084854
02-May-19 00:00:00	3.56255E-23	35.60372925	-0.88290787
02-May-19 01:00:00	3.56255E-23	34.82580185	-0.7779274
02-May-19 02:00:00	3.56255E-23	34.71180725	-0.1139946
02-May-19 03:00:00	3.56255E-23	34.66782379	-0.04398346
02-May-19 04:00:00	3.56255E-23	34.6348381	-0.03298569
02-May-19 05:00:00	3.56255E-23	34.59085464	-0.04398346
02-May-19 06:00:00	3.56255E-23	34.546875	-0.04397964
02-May-19 07:00:00	3.56255E-23	34.50289154	-0.04398346
02-May-19 08:00:00	3.56255E-23	34.48090363	-0.02198792
02-May-19 09:00:00	3.56255E-23	34.34555054	-0.13535309
02-May-19 10:00:00	3.56255E-23	33.37316132	-0.97238922
02-May-19 11:00:00	3263.046631	32.4706192	-0.90254211
02-May-19 12:00:00	1335.066162	31.55545807	-0.91516113
02-May-19 13:00:00	1970.527344	30.64752197	-0.9079361
02-May-19 14:00:00	1856.528564	31.72459412	1.077072144
02-May-19 15:00:00	1862.7052	36.45914078	4.734546661
02-May-19 16:00:00	1025.392944	35.57027435	-0.88886642
02-May-19 17:00:00	1508.560669	34.68942261	-0.88085175
02-May-19 18:00:00	5.36001E-23	33.71520233	-0.97422028
02-May-19 19:00:00	5.36001E-23	32.8368721	-0.87833023
02-May-19 20:00:00	1019.582642	31.93892288	-0.89794922
02-May-19 21:00:00	1011.546387	31.02735138	-0.9115715
02-May-19 22:00:00	9.89589E-17	30.11185455	-0.91549683
02-May-19 23:00:00	1.62178E-16	36.35066605	6.238811493
03-May-19 00:00:00	1.62178E-16	35.44512558	-0.90554047
03-May-19 01:00:00	1.62178E-16	34.57837677	-0.86674881
03-May-19 02:00:00	1.62178E-16	33.67822266	-0.90015411
03-May-19 03:00:00	1.62178E-16	32.88657379	-0.79164886
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03-May-19 14:00:00	1.62178E-16	32.51273346	-0.04397964
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03-May-19 17:00:00	1031.306274	32.12099075	-0.03332138
03-May-19 18:00:00	1.46903E-05	31.6784668	-0.44252396
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03-May-19 21:00:00	1865.53833	35.63859177	4.766391754
03-May-19 22:00:00	1.43783E-10	35.77549362	0.136901855
03-May-19 23:00:00	1.43783E-10	34.85359192	-0.9219017
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04-May-19 03:00:00	7.11851E-17	31.28585625	-0.87699318
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04-May-19 23:00:00	2239.586182	34.97966003	-0.89445877
05-May-19 00:00:00	1028.446167	34.06970215	-0.90995789
05-May-19 01:00:00	1776.120483	33.15797043	-0.91173172
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12-May-19 11:00:00	2.56864E-23	35.73840714	-0.55673218
12-May-19 12:00:00	2.56864E-23	34.80988312	-0.92852402
12-May-19 13:00:00	2.56864E-23	33.67572021	-1.1341629
12-May-19 14:00:00	2.56864E-23	32.74967575	-0.92604446
12-May-19 15:00:00	2.56864E-23	31.83932877	-0.91034698
12-May-19 16:00:00	2.56864E-23	31.24089432	-0.59843445
12-May-19 17:00:00	2.56864E-23	30.91988373	-0.32101059
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12-May-19 19:00:00	2.56864E-23	30.63477516	-0.0637207
12-May-19 20:00:00	2.56864E-23	30.57754707	-0.05722809
12-May-19 21:00:00	2.56864E-23	30.52256966	-0.05497742
12-May-19 22:00:00	2.56864E-23	30.46759224	-0.05497742
12-May-19 23:00:00	2.56864E-23	30.41202736	-0.05556488
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13-May-19 02:00:00	2.56864E-23	30.23854256	-0.05397606
13-May-19 03:00:00	2.56864E-23	30.04969215	-0.1888504
13-May-19 04:00:00	1.34575E-05	36.50405121	6.454359055
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13-May-19 07:00:00	1.34575E-05	36.31713104	-0.0549736
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16-May-19 19:00:00	1104.342163	36.36623764	3.896846771
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22-May-19 19:00:00	1032.207153	35.76708984	-0.06127167
22-May-19 20:00:00	1026.283325	34.9283905	-0.83869934
22-May-19 21:00:00	1021.858704	34.08919525	-0.83919525
22-May-19 22:00:00	1432.990234	33.18691254	-0.90228271
22-May-19 23:00:00	1028.285278	32.06708145	-1.11983109
23-May-19 00:00:00	1030.101318	31.1271801	-0.93990135
23-May-19 01:00:00	1030.192139	30.65670776	-0.47047234
23-May-19 02:00:00	1844.742798	31.68602562	1.029317856
23-May-19 03:00:00	1844.909424	36.42956924	4.743543625

23-May-19 04:00:00	1031.567993	35.67947769	-0.75009155
23-May-19 05:00:00	1030.849243	34.81142044	-0.86805725
23-May-19 06:00:00	1026.217041	33.98688507	-0.82453537
23-May-19 07:00:00	1027.579956	33.11916351	-0.86772156
23-May-19 08:00:00	1028.102417	32.15969849	-0.95946503
23-May-19 09:00:00	2.78554E-23	31.18571854	-0.97397995
23-May-19 10:00:00	2.78554E-23	30.13419342	-1.05152512
23-May-19 11:00:00	1.62235E-16	36.27708817	6.142894745
23-May-19 12:00:00	1.62235E-16	35.41355133	-0.86353683
23-May-19 13:00:00	1.62235E-16	34.45613098	-0.95742035
23-May-19 14:00:00	1.62235E-16	34.26099396	-0.19513702
23-May-19 15:00:00	1.62235E-16	33.61053467	-0.65045929
23-May-19 16:00:00	1.62235E-16	32.68506241	-0.92547226
23-May-19 17:00:00	1023.275146	32.00115967	-0.68390274
23-May-19 18:00:00	1458.576904	31.94097137	-0.06018829
23-May-19 19:00:00	1818.396851	31.88599586	-0.05497551
23-May-19 20:00:00	1030.341675	31.82650185	-0.05949402
23-May-19 21:00:00	2092.658936	31.63141823	-0.19508362
23-May-19 22:00:00	1028.409912	30.7906456	-0.84077263
23-May-19 23:00:00	1836.187866	30.32829475	-0.46235085
24-May-19 00:00:00	1839.299927	35.15233994	4.824045181
24-May-19 01:00:00	1028.5802	35.91300201	0.760662079
24-May-19 02:00:00	1029.190918	35.07788849	-0.83511353
24-May-19 03:00:00	1023.12146	34.23399353	-0.84389496
24-May-19 04:00:00	1013.409241	33.39753342	-0.83646011
24-May-19 05:00:00	1013.804993	32.56155777	-0.83597565
24-May-19 06:00:00	1011.060425	31.68885994	-0.87269783
24-May-19 07:00:00	1337.339844	31.1446476	-0.54421234
24-May-19 08:00:00	6.31075E-23	30.96910667	-0.17554092
24-May-19 09:00:00	6.31075E-23	30.11566162	-0.85344505
24-May-19 10:00:00	5.8073E-23	36.34285355	6.227191925
24-May-19 11:00:00	5.8073E-23	35.5194664	-0.82338715
24-May-19 12:00:00	5.8073E-23	34.66408539	-0.85538101
24-May-19 13:00:00	5.8073E-23	33.82754135	-0.83654404
24-May-19 14:00:00	5.8073E-23	33.17245483	-0.65508652
24-May-19 15:00:00	5.8073E-23	33.10647964	-0.06597519
24-May-19 16:00:00	3123.468994	33.05150604	-0.0549736
24-May-19 17:00:00	1021.033813	32.99652863	-0.05497742
24-May-19 18:00:00	1019.719788	32.78341293	-0.21311569
24-May-19 19:00:00	1.46288E-05	31.9159565	-0.86745644
24-May-19 20:00:00	1.46288E-05	31.24826431	-0.66769218
24-May-19 21:00:00	2559.59082	31.1932869	-0.05497742
24-May-19 22:00:00	1030.577393	31.12963676	-0.06365013
24-May-19 23:00:00	1030.375977	30.63837624	-0.49126053
25-May-19 00:00:00	1846.471313	31.11876678	0.480390549
25-May-19 01:00:00	1848.030273	35.93560028	4.816833496
25-May-19 02:00:00	1.62178E-16	35.76725006	-0.16835022
25-May-19 03:00:00	1.62178E-16	34.92839432	-0.83885574
25-May-19 04:00:00	1.62178E-16	34.07912445	-0.84926987
25-May-19 05:00:00	1.62178E-16	33.33110428	-0.74802017
25-May-19 06:00:00	2666.623779	32.56727982	-0.76382446
25-May-19 07:00:00	1034.91394	31.69181824	-0.87546158
25-May-19 08:00:00	7.72126E-17	30.86151695	-0.83030128
25-May-19 09:00:00	23.44528008	30.03458595	-0.826931
25-May-19 10:00:00	2.17955E-23	36.23308563	6.19849968
25-May-19 11:00:00	2.17955E-23	35.37133789	-0.86174774
25-May-19 12:00:00	2.17955E-23	34.55180359	-0.8195343
25-May-19 13:00:00	2.17955E-23	33.68978119	-0.8620224
25-May-19 14:00:00	2.17955E-23	32.89566422	-0.79411697
25-May-19 15:00:00	2.17955E-23	32.02484512	-0.87081909
25-May-19 16:00:00	2777.892334	31.2169342	-0.80791092
25-May-19 17:00:00	1025.374268	30.35279655	-0.86413765
25-May-19 18:00:00	1853.867798	32.75161743	2.398820877
25-May-19 19:00:00	1734.858887	36.33987427	3.588256836
25-May-19 20:00:00	2335.796387	35.47690582	-0.86296844
25-May-19 21:00:00	1038.538452	34.65922928	-0.81767654
25-May-19 22:00:00	1975.834351	33.81533432	-0.84389496
25-May-19 23:00:00	1337.767456	32.88693619	-0.92839813
26-May-19 00:00:00	2003.385376	32.21921539	-0.66772079
26-May-19 01:00:00	1272.520996	31.97241783	-0.24679756
26-May-19 02:00:00	1737.578979	31.91898155	-0.05343628
26-May-19 03:00:00	1024.659302	31.86400414	-0.05497742
26-May-19 04:00:00	1597.22583	31.80902863	-0.05497551
26-May-19 05:00:00	1040.544678	31.75405121	-0.05497742
26-May-19 06:00:00	1099.437012	31.16671944	-0.58733177
26-May-19 07:00:00	1320.516235	30.31349945	-0.85321999
26-May-19 08:00:00	1839.539551	33.01487732	2.701377869
26-May-19 09:00:00	1024.664795	36.24750137	3.232624054

26-May-19 10:00:00	1007.873169	35.41955566	-0.82794571
26-May-19 11:00:00	1023.428467	34.61828995	-0.80126572
26-May-19 12:00:00	1026.102417	34.21675873	-0.40153122
26-May-19 13:00:00	1795.408447	34.00024796	-0.21651077
26-May-19 14:00:00	1170.999023	33.85495758	-0.14529037
26-May-19 15:00:00	2002.268921	33.43701935	-0.41793823
26-May-19 16:00:00	1026.657104	32.60344696	-0.83357239
26-May-19 17:00:00	1749.021973	31.77939415	-0.82405281
26-May-19 18:00:00	1153.080444	30.91804123	-0.86135292
26-May-19 19:00:00	1840.388794	30.1055603	-0.81248093
26-May-19 20:00:00	1838.268311	34.37607574	4.270515442
26-May-19 21:00:00	997.887085	35.99127197	1.615196228
26-May-19 22:00:00	1004.689514	35.20258331	-0.78868866
26-May-19 23:00:00	1024.932617	34.35938263	-0.84320068
27-May-19 00:00:00	1442.75769	33.56893921	-0.79044342
27-May-19 01:00:00	1024.711426	32.65708923	-0.91184998
27-May-19 02:00:00	2.56771E-23	31.8039093	-0.85317993
27-May-19 03:00:00	2.56771E-23	30.97883034	-0.82507896
27-May-19 04:00:00	2.56771E-23	30.13029861	-0.84853172
27-May-19 05:00:00	3.28038E-23	36.50405121	6.373752594
27-May-19 06:00:00	3.28038E-23	36.44907379	-0.05497742
27-May-19 07:00:00	3.28038E-23	36.35777664	-0.09129715
27-May-19 08:00:00	3.28038E-23	36.14203644	-0.2157402
27-May-19 09:00:00	3.28038E-23	36.08622742	-0.05580902
27-May-19 10:00:00	3.28038E-23	36.03758621	-0.0486412
27-May-19 11:00:00	3.28038E-23	35.98726654	-0.05031967
27-May-19 12:00:00	3.28038E-23	35.94163132	-0.04563522
27-May-19 13:00:00	3.28038E-23	35.87731552	-0.0643158
27-May-19 14:00:00	3.28038E-23	35.84244537	-0.03487015
27-May-19 15:00:00	3.28038E-23	35.78935242	-0.05309296
27-May-19 16:00:00	3.28038E-23	35.734375	-0.05497742
27-May-19 17:00:00	3.28038E-23	35.67939758	-0.05497742
27-May-19 18:00:00	3.28038E-23	35.62442017	-0.05497742
27-May-19 19:00:00	3.28038E-23	35.56944275	-0.05497742
27-May-19 20:00:00	3.28038E-23	35.51446915	-0.0549736
27-May-19 21:00:00	3.28038E-23	35.46319199	-0.05127716
27-May-19 22:00:00	3.28038E-23	35.41053772	-0.05265427
27-May-19 23:00:00	3.28038E-23	35.36053085	-0.05000687
28-May-19 00:00:00	3.28038E-23	35.30555725	-0.0549736
28-May-19 01:00:00	3.28038E-23	35.25057983	-0.05497742
28-May-19 02:00:00	3.28038E-23	35.19560242	-0.05497742
28-May-19 03:00:00	3.28038E-23	35.140625	-0.05497742
28-May-19 04:00:00	3.28038E-23	35.09209442	-0.04853058
28-May-19 05:00:00	3.28038E-23	35.04166794	-0.05042648
28-May-19 06:00:00	3.28038E-23	34.98669052	-0.05497742
28-May-19 07:00:00	3.28038E-23	34.93286514	-0.05382538
28-May-19 08:00:00	3.28038E-23	34.77777863	-0.15508652
28-May-19 09:00:00	3.28038E-23	34.50423813	-0.2735405
28-May-19 10:00:00	3.28038E-23	34.21759033	-0.2866478
28-May-19 11:00:00	3.28038E-23	34.06307983	-0.1545105
28-May-19 12:00:00	3.28038E-23	33.82390213	-0.2391777
28-May-19 13:00:00	3.28038E-23	32.93732834	-0.88657379
28-May-19 14:00:00	3.28038E-23	32.2465744	-0.69075394
28-May-19 15:00:00	21.56636238	31.414711	-0.8318634
28-May-19 16:00:00	1632.874634	30.57448196	-0.84022903
28-May-19 17:00:00	1853.884644	31.4031105	0.82862854
28-May-19 18:00:00	1850.175049	36.21755219	4.814441681
28-May-19 19:00:00	1024.501587	35.72386551	-0.49368668
28-May-19 20:00:00	2134.004395	34.90780258	-0.81606293
28-May-19 21:00:00	1406.662231	34.05673981	-0.85106277
28-May-19 22:00:00	1346.871216	33.33573532	-0.72100449
28-May-19 23:00:00	2107.849609	32.71014023	-0.62559509
29-May-19 00:00:00	1611.375122	31.84721756	-0.86292267
29-May-19 01:00:00	1402.146973	30.96701622	-0.88020134
29-May-19 02:00:00	1173.841431	30.12857628	-0.83843994
29-May-19 03:00:00	1832.239014	34.27677917	4.148202896
29-May-19 04:00:00	1020.994507	36.05588913	1.779109955
29-May-19 05:00:00	1017.205994	35.23020554	-0.82568359
29-May-19 06:00:00	1002.365662	34.4057579	-0.82444763
29-May-19 07:00:00	1799.679199	33.59381866	-0.81193924
29-May-19 08:00:00	1033.296631	32.71692276	-0.8768959
29-May-19 09:00:00	1.6199E-16	32.34780121	-0.36912155
29-May-19 10:00:00	1.6199E-16	32.30381775	-0.04398346
29-May-19 11:00:00	1.6199E-16	32.08296204	-0.22085571
29-May-19 12:00:00	1.6199E-16	31.37766647	-0.70529556
29-May-19 13:00:00	1.6199E-16	30.52599716	-0.85166931
29-May-19 14:00:00	1861.411255	32.45749283	1.931495667
29-May-19 15:00:00	1.49345E-16	36.36091232	3.903419495

29-May-19 16:00:00	3023.239746	35.53429413	-0.82661819	
29-May-19 17:00:00	1033.226685	34.71206665	-0.82222748	
29-May-19 18:00:00	2128.276367	33.88029099	-0.83177567	
29-May-19 19:00:00	1252.620972	33.04816818	-0.8321228	
29-May-19 20:00:00	1378.156372	32.2282486	-0.81991959	
29-May-19 21:00:00	2400.40332	31.39791298	-0.83033562	
29-May-19 22:00:00	2131.773682	30.56881905	-0.82909393	
29-May-19 23:00:00	1849.237427	31.70167351	1.132854462	
30-May-19 00:00:00	1868.110474	36.46440887	4.762735367	
30-May-19 01:00:00	1029.198486	35.66460037	-0.7998085	
30-May-19 02:00:00	8.39223E-17	35.09664154	-0.56795883	
30-May-19 03:00:00	8.39223E-17	34.99050522	-0.10613632	
30-May-19 04:00:00	8.39223E-17	34.18824005	-0.80226517	
30-May-19 05:00:00	8.39223E-17	33.35432434	-0.83391571	
30-May-19 06:00:00	8.39223E-17	32.50697708	-0.84734726	
30-May-19 07:00:00	8.39223E-17	31.68440437	-0.82257271	
30-May-19 08:00:00	8.39223E-17	30.83943939	-0.84496498	
30-May-19 09:00:00	1452.204346	30.08357811	-0.75586128	
30-May-19 10:00:00	9.89504E-17	36.24692917	6.163351059	
30-May-19 11:00:00	9.89504E-17	35.38772583	-0.85920334	
30-May-19 12:00:00	9.89504E-17	34.57193375	-0.81579208	
30-May-19 13:00:00	9.89504E-17	33.73889923	-0.83303452	
30-May-19 14:00:00	3155.683594	32.87169266	-0.86720657	
30-May-19 15:00:00	2895.780518	32.02729034	-0.84440231	
30-May-19 16:00:00	1025.776001	31.19706726	-0.83022308	
30-May-19 17:00:00	2373.528809	30.335989	-0.86107826	
30-May-19 18:00:00	1862.813721	32.8263588	2.490369797	
30-May-19 19:00:00	1984.307861	36.30199051	3.475631714	
30-May-19 20:00:00	2715.029297	35.46265411	-0.8393364	
30-May-19 21:00:00	2483.528076	34.65253448	-0.81011963	
30-May-19 22:00:00	1193.430786	33.76374054	-0.88879395	
30-May-19 23:00:00	1705.882446	32.65247345	-1.11126709	
31-May-19 00:00:00	2397.1875	31.54685211	-1.10562134	
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			0	15189.873 gal/ft
			0	
			0	
	699362.2457		381.7625751	
	41961734.74		5798925.033	47760659.78 Gallons

BLYPI100
1h
6/1/2019 0:00

6/30/2020 0:00

53711408.5 Gallons

	BLY_CIRC_WTR_M_U_FLOW_10PAR21CF001_XQ01	BLY_L_RAW_WATER_TANK_00GAD10CL001_XQ01	
	Circ Water Makeup Flow	Raw Water Tank Level	
01-Jun-19 00:00:00	1876.622681	33.76620483	
01-Jun-19 01:00:00	1.2668E-16	33.71122742	-0.05497742
01-Jun-19 02:00:00	1.2668E-16	33.65625	-0.05497742
01-Jun-19 03:00:00	1.2668E-16	33.60076523	-0.05548477
01-Jun-19 04:00:00	1.2668E-16	33.53530121	-0.06546402
01-Jun-19 05:00:00	1.2668E-16	33.44079208	-0.09450912
01-Jun-19 06:00:00	1.2668E-16	33.17245483	-0.26833725
01-Jun-19 07:00:00	1.2668E-16	33.11747742	-0.05497742
01-Jun-19 08:00:00	1.2668E-16	33.0625	-0.05497742
01-Jun-19 09:00:00	1.2668E-16	33.00752258	-0.05497742
01-Jun-19 10:00:00	1.2668E-16	32.95254517	-0.05497742
01-Jun-19 11:00:00	1.2668E-16	32.89756775	-0.05497742
01-Jun-19 12:00:00	1.2668E-16	32.84259033	-0.05497742
01-Jun-19 13:00:00	1024.969482	32.78761292	-0.05497742
01-Jun-19 14:00:00	3.55724E-05	32.72164154	-0.06597137
01-Jun-19 15:00:00	1039.283691	32.71064758	-0.01099396
01-Jun-19 16:00:00	1017.109131	32.68865967	-0.02198792
01-Jun-19 17:00:00	997.4373169	32.6776619	-0.01099777
01-Jun-19 18:00:00	999.5106201	32.01187515	-0.66578674
01-Jun-19 19:00:00	987.7312622	31.24942589	-0.76244926
01-Jun-19 20:00:00	983.3170776	30.91762352	-0.33180237
01-Jun-19 21:00:00	1340.268799	30.69479942	-0.2228241
01-Jun-19 22:00:00	1359.129272	30.64146042	-0.053339
01-Jun-19 23:00:00	1015.851929	30.58854103	-0.05291939
02-Jun-19 00:00:00	1025.182983	30.53356552	-0.05497551
02-Jun-19 01:00:00	1017.637451	30.34305382	-0.1905117
02-Jun-19 02:00:00	1014.970276	30.25868034	-0.08437347
02-Jun-19 03:00:00	1008.104248	30.20370293	-0.05497742
02-Jun-19 04:00:00	1010.642273	30.14872742	-0.05497551
02-Jun-19 05:00:00	1020.375793	30.09375	-0.05497742
02-Jun-19 06:00:00	1023.62616	30.03877258	-0.05497742
02-Jun-19 07:00:00	1855.139526	32.44565201	2.406879425
02-Jun-19 08:00:00	7.4312E-23	36.48205948	4.036407471
02-Jun-19 09:00:00	7.4312E-23	36.37210464	-0.10995483
02-Jun-19 10:00:00	29.60765648	36.33335495	-0.03874969
02-Jun-19 11:00:00	1031.30542	36.27610397	-0.05725098
02-Jun-19 12:00:00	1028.118896	36.22916794	-0.04693604
02-Jun-19 13:00:00	1026.73291	36.15497589	-0.07419205
02-Jun-19 14:00:00	1027.129761	36.09890747	-0.05606842
02-Jun-19 15:00:00	1030.543945	36.04870987	-0.0501976
02-Jun-19 16:00:00	1029.765625	35.93103027	-0.1176796
02-Jun-19 17:00:00	1028.220093	35.65740585	-0.27362442
02-Jun-19 18:00:00	1028.888672	35.60243225	-0.0549736
02-Jun-19 19:00:00	1020.075134	35.53862381	-0.06380844
02-Jun-19 20:00:00	1007.405518	35.48147964	-0.05714417
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02-Jun-19 22:00:00	1216.690674	35.36053085	-0.06597519
02-Jun-19 23:00:00	1215.387695	35.29455948	-0.06597137
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03-Jun-19 12:00:00	1.91205E-16	33.41754913	-0.62756729
03-Jun-19 13:00:00	1.91205E-16	32.55712509	-0.86042404
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13-Jun-19 02:00:00	2585.862793	35.00708389	-0.96524429
13-Jun-19 03:00:00	1022.156189	34.05687714	-0.95020676
13-Jun-19 04:00:00	1491.748779	33.14669037	-0.91018677
13-Jun-19 05:00:00	2137.501465	32.17161179	-0.97507858
13-Jun-19 06:00:00	1271.49353	31.206707	-0.96490479
13-Jun-19 07:00:00	2295.238281	30.08712006	-1.11958694
13-Jun-19 08:00:00	1860.073853	34.23234558	4.145225525
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13-Jun-19 11:00:00	1982.213867	33.99175262	-0.96314621
13-Jun-19 12:00:00	1996.817627	33.04918289	-0.94256973
13-Jun-19 13:00:00	2004.084595	32.09269333	-0.95648956
13-Jun-19 14:00:00	2457.498291	31.13489914	-0.95779419
13-Jun-19 15:00:00	1739.630249	30.18858337	-0.94631577
13-Jun-19 16:00:00	1868.998535	33.73464584	3.546062469
13-Jun-19 17:00:00	3242.789063	36.13106537	2.396419525
13-Jun-19 18:00:00	1080.219116	35.1470871	-0.98397827
13-Jun-19 19:00:00	1023.947876	34.25720215	-0.88988495
13-Jun-19 20:00:00	2335.99292	33.31694031	-0.94026184
13-Jun-19 21:00:00	2396.164551	32.33460617	-0.98233414
13-Jun-19 22:00:00	1028.009277	31.39190483	-0.94270134
13-Jun-19 23:00:00	2070.652344	30.42083931	-0.97106552
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14-Jun-19 01:00:00	8.39577E-17	36.38749695	3.864437103
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23-Jun-19 12:00:00	1029.391602	33.81018448	-0.03847504
23-Jun-19 13:00:00	1018.95166	33.73321915	-0.07696533
23-Jun-19 14:00:00	1032.574341	33.66724396	-0.06597519
23-Jun-19 15:00:00	1016.424255	33.60127258	-0.06597137
23-Jun-19 16:00:00	1011.145142	32.96019745	-0.64107513
23-Jun-19 17:00:00	1005.812256	31.91820145	-1.041996
23-Jun-19 18:00:00	1243.076538	30.76543808	-1.15276337
23-Jun-19 19:00:00	1726.075439	30.58045769	-0.18498039
23-Jun-19 20:00:00	1728.266113	35.90975952	5.329301834
23-Jun-19 21:00:00	998.3540039	35.97498703	0.065227509
23-Jun-19 22:00:00	982.37146	35.81632996	-0.15865707
23-Jun-19 23:00:00	1648.79895	35.75636673	-0.05996323
24-Jun-19 00:00:00	1574.486084	35.69796371	-0.05840302
24-Jun-19 01:00:00	1020.000366	35.44120407	-0.25675964
24-Jun-19 02:00:00	1012.82312	34.4472084	-0.99399567
24-Jun-19 03:00:00	1015.67688	33.89814758	-0.54906082
24-Jun-19 04:00:00	987.2875977	33.48649979	-0.4116478
24-Jun-19 05:00:00	966.8400269	32.79527664	-0.69122314
24-Jun-19 06:00:00	970.8924561	32.3807869	-0.41448975
24-Jun-19 07:00:00	982.7678223	32.32580948	-0.05497742
24-Jun-19 08:00:00	1004.6922	32.27083588	-0.0549736
24-Jun-19 09:00:00	1012.371887	32.21585846	-0.05497742
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24-Jun-19 11:00:00	1035.746582	32.10590363	-0.05497742
24-Jun-19 12:00:00	1030.781616	32.05092621	-0.05497742
24-Jun-19 13:00:00	8.0591E-23	31.72743797	-0.32348824
24-Jun-19 14:00:00	3040.769287	31.64409637	-0.0833416
24-Jun-19 15:00:00	1018.059021	30.91156387	-0.7325325
24-Jun-19 16:00:00	1723.487427	30.42236137	-0.4892025
24-Jun-19 17:00:00	1719.743408	35.45289993	5.030538559
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24-Jun-19 19:00:00	2823.874268	34.57637024	-0.9931488
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24-Jun-19 21:00:00	1003.542664	34.1192131	-0.13969421
24-Jun-19 22:00:00	1627.502319	33.99328232	-0.12593079
24-Jun-19 23:00:00	1143.565918	33.86543655	-0.12784576
25-Jun-19 00:00:00	1025.022583	33.19207001	-0.67336655
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25-Jun-19 02:00:00	1017.473389	31.79298401	-0.37967682
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25-Jun-19 04:00:00	1031.485352	31.35072517	-0.3813343
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25-Jun-19 06:00:00	1025.157104	30.25868034	-0.29044914
25-Jun-19 07:00:00	1032.666504	30.20204544	-0.0566349
25-Jun-19 08:00:00	1031.890381	30.14080048	-0.06124496
25-Jun-19 09:00:00	1033.503296	30.09375	-0.04705048
25-Jun-19 10:00:00	1031.590332	30.03143311	-0.06231689
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25-Jun-19 13:00:00	1030.12915	36.40509415	-0.05395508
25-Jun-19 14:00:00	1032.586182	35.93600082	-0.46909332
25-Jun-19 15:00:00	1025.734863	34.92547226	-1.01052856
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25-Jun-19 21:00:00	1718.277222	31.58596802	0.856618881
25-Jun-19 22:00:00	1114.069336	36.46001434	4.874046326
25-Jun-19 23:00:00	1023.966797	36.13396835	-0.32604599
26-Jun-19 00:00:00	1025.322998	36.02025604	-0.11371231
26-Jun-19 01:00:00	1017.33606	35.96527863	-0.05497742
26-Jun-19 02:00:00	1011.900513	35.89914322	-0.06613541
26-Jun-19 03:00:00	1013.900391	34.98475647	-0.91438675
26-Jun-19 04:00:00	1012.163025	34.01911545	-0.96564102
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26-Jun-19 10:00:00	1030.022095	31.11631966	-0.06003761
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26-Jun-19 13:00:00	2.07449E-16	36.42852783	3.833408356
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26-Jun-19 16:00:00	1027.294556	34.84337234	-0.96804047
26-Jun-19 17:00:00	1027.514404	34.62994766	-0.21342468
26-Jun-19 18:00:00	1026.111816	34.57986069	-0.05008698
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27-Jun-19 15:00:00	1031.107178	33.28240585	-0.05441666
27-Jun-19 16:00:00	1028.552856	33.21713257	-0.06527328
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28-Jun-19 12:00:00	1030.763184	32.31899261	-0.06092453
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28-Jun-19 16:00:00	1747.386597	34.0854187	3.892885208
28-Jun-19 17:00:00	1026.979126	36.31264496	2.227226257
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28-Jun-19 22:00:00	1313.077881	33.37573624	-0.96619797
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01-Jul-19 00:00:00	1491.544312	32.46298599	-0.87703323	
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01-Jul-19 17:00:00	1005.067566	32.69723129	-0.93362427	
01-Jul-19 18:00:00	1431.988403	31.81395531	-0.88327599	
01-Jul-19 19:00:00	1413.904297	31.23003197	-0.58392334	
01-Jul-19 20:00:00	1409.952393	31.09762764	-0.13240433	
01-Jul-19 21:00:00	1404.931885	30.97159195	-0.12603569	
01-Jul-19 22:00:00	1401.906616	30.84509659	-0.12649536	15189.873 gal/ft
01-Jul-19 23:00:00	1392.78125	30.70838928	-0.13670731	
Resize to show all values	Resize to show all values	Resize to show all value	#VALUE!	
	814535.2763		318.5867271	
	48872116.58		4839291.925	53711408.5 Gallons