



TECHNICAL ENVIRONMENTAL SERVICES, LLC



June 10, 2019

Mr. Jamie C. Foster
Department of Environmental Protection
Division of Solid Waste Services
16101 Frederick Road
Derwood, MD 20855

Dear Jamie:

Enclosed is the monthly meteorological report for the Gude Drive Landfill sites meteorological instrumentation for May 2019. All the instrumentation worked normally during May. Data recovery for all parameters was near 100% for the month. The instrumentation was calibrated on May 15, 2019. All instrumentation performed within expected requirements. May had a precipitation total of 6.04 inches.

Attached is a wind rose for the month of May 2019 and a table showing the data collection percentage for each parameter in 2019.

If you have any questions, please call or e-mail them to me.

Best regards,

Mark Abrams

GUDE DRIVE METEOROLOGICAL TOWER
DATA RECOVERY
JANUARY-May 2019

PARAMETER	RECOVERY (percent)
Wind Speed 3m	99.7
Wind Direction 3m	99.9
Temperature 2m	100.0
Relative Humidity 2m	100.0
Precipitation	100.0

Plot Date: 5/7/2019 2:27:31 PM

WIND ROSE

(WINDS FROM)

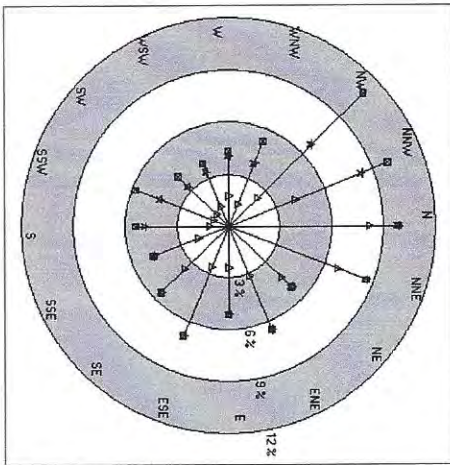
N

000% PERCENT CALMS
(NOT INCLUDED IN PLOT)

Start Date: 5/1/2019 00:00

End Date: 5/31/2019 23:00

Sensors Selected: 3M_WD, 3M_LWD



- Legend
- △ WIND SPEED LESS THAN 35 MPH
 - ◻ WIND SPEED LESS THAN 75 MPH
 - ◻ WIND SPEED LESS THAN 125 MPH
 - × WIND SPEED GREATER THAN 125 MPH

Date Time	Avg_WS (MPH)	Avg_WD (DEG)	Sigma (DEG)	Max_Wspd (MPH)	Avg_Temp (DEG F)	Min_Temp (DEG F)	Max_Temp (DEG F)	Avg_RelH (%)	Total_Rain (INCH)
5/1/19 0:00	5.3	105.2	024	16.21	62.82	61.3	64.0	86.70	0
5/1/19 1:00	6.5	112.9	022	15.53	60.41	59.8	61.4	90.90	0
5/1/19 2:00	6.4	94.4	023	13.69	58.65	57.4	59.9	87.00	0
5/1/19 3:00	6.8	108.9	020	14.89	56.78	56.4	57.4	82.80	0
5/1/19 4:00	5.4	108.3	024	12.41	56.35	56.2	56.5	81.50	0
5/1/19 5:00	4.7	112.2	023	10.85	56.29	56.2	56.4	81.30	0
5/1/19 6:00	4.0	100.4	025	8.98	56.17	56.1	56.3	82.30	0
5/1/19 7:00	4.9	111.3	023	11.04	55.93	55.7	56.2	85.60	0
5/1/19 8:00	5.6	113.1	022	11.22	55.99	55.7	56.4	89.10	0
5/1/19 9:00	5.6	108.9	021	11.22	56.09	55.9	56.5	91.70	0
5/1/19 10:00	4.7	102.4	027	10.58	56.41	56.0	57.0	92.50	0
5/1/19 11:00	4.3	110.0	029	10.26	57.63	56.6	58.2	90.90	0
5/1/19 12:00	4.2	120.4	025	9.57	58.47	58.0	58.9	90.10	0
5/1/19 13:00	4.5	114.8	029	9.21	59.25	58.4	60.7	89.30	0
5/1/19 14:00	4.5	110.6	027	10.58	60.34	59.9	61.1	87.80	0
5/1/19 15:00	4.1	127.9	027	9.62	61.15	60.5	61.7	86.60	0
5/1/19 16:00	4.3	122.7	027	10.31	62.35	61.7	62.9	84.80	0
5/1/19 17:00	4.3	117.3	021	8.84	62.54	62.3	62.9	85.30	0
5/1/19 18:00	3.4	114.3	026	8.84	62.90	62.8	63.1	85.80	0
5/1/19 19:00	0.5	37.3	013	3.99	62.89	62.5	63.2	87.80	0
5/1/19 20:00	2.6	76.1	027	7.10	61.78	60.6	62.5	90.00	0
5/1/19 21:00	2.9	75.4	026	8.34	59.98	59.3	60.7	91.30	0
5/1/19 22:00	0.5	18.5	019	3.39	58.56	58.2	59.4	95.00	0
5/1/19 23:00	1.5	104.1	021	5.63	58.24	58.2	58.4	96.90	0
5/2/19 0:00	0.6	63.9	022	3.39	58.25	58.2	58.4	98.00	0
5/2/19 1:00	0.2	26.3	007	2.84	58.12	58.0	58.3	99.20	0
5/2/19 2:00	0.0	0.0	000	0.00	58.00	57.9	58.2	100.00	0
5/2/19 3:00	0.0	0.0	000	0.00	57.83	57.6	58.0	100.00	0
5/2/19 4:00	0.0	0.0	000	0.00	57.59	57.5	57.7	100.00	0
5/2/19 5:00	0.1	32.6	004	1.74	57.47	57.4	57.7	100.00	0
5/2/19 6:00	0.4	355.9	007	2.24	57.25	57.0	57.5	100.00	0
5/2/19 7:00	0.9	349.3	030	3.48	57.54	57.0	58.2	100.00	0
5/2/19 8:00	0.2	358.7	021	2.84	58.91	58.1	59.6	100.00	0
5/2/19 9:00	1.1	5.0	079	4.12	61.93	59.6	64.8	99.10	0
5/2/19 10:00	2.2	259.7	065	6.23	69.72	64.8	72.5	78.58	0
5/2/19 11:00	2.5	253.0	051	7.24	75.15	72.2	77.6	65.47	0
5/2/19 12:00	3.1	233.1	052	8.93	79.74	77.1	82.0	56.48	0
5/2/19 13:00	4.9	267.1	037	11.95	82.70	81.3	83.6	48.24	0
5/2/19 14:00	3.0	220.3	077	10.17	84.40	83.3	86.1	46.11	0
5/2/19 15:00	5.8	77.5	095	23.68	74.51	65.8	83.3	72.16	0.33
5/2/19 16:00	3.0	135.4	052	9.57	67.98	66.2	70.2	95.00	0
5/2/19 17:00	3.0	134.6	031	8.15	72.04	70.3	73.4	86.10	0

5/2/19 18:00	3.0	147.7	032	8.47	71.94	71.0	72.7	82.30	0
5/2/19 19:00	0.8	117.9	028	4.76	70.32	68.8	71.3	86.80	0
5/2/19 20:00	0.0	0.0	000	0.00	68.13	67.4	68.9	93.90	0
5/2/19 21:00	0.1	19.3	008	1.88	66.65	65.7	67.7	97.00	0
5/2/19 22:00	0.0	0.0	000	0.00	65.79	64.9	66.4	98.70	0
5/2/19 23:00	0.0	163.9	001	1.51	65.54	64.7	66.2	99.10	0
5/3/19 0:00	0.6	93.0	030	4.76	64.86	64.3	65.7	99.70	0
5/3/19 1:00	0.9	137.2	014	4.58	65.39	65.0	65.7	99.10	0
5/3/19 2:00	1.3	135.1	010	5.59	65.23	65.1	65.5	97.10	0
5/3/19 3:00	0.0	155.9	002	2.02	64.67	64.4	65.1	96.70	0
5/3/19 4:00	1.6	88.0	021	4.53	63.27	62.5	64.4	98.20	0
5/3/19 5:00	1.4	102.3	015	5.08	62.92	62.6	63.2	98.30	0
5/3/19 6:00	2.3	116.7	018	7.88	62.97	62.4	63.4	98.80	0
5/3/19 7:00	3.2	125.1	018	7.97	63.73	63.3	64.2	99.00	0
5/3/19 8:00	3.3	126.5	022	8.98	64.70	64.2	65.6	96.90	0
5/3/19 9:00	3.8	96.0	030	8.75	65.71	63.8	66.5	92.70	0
5/3/19 10:00	4.6	74.9	022	9.30	63.09	62.4	63.8	97.30	0
5/3/19 11:00	4.4	70.6	032	9.21	63.66	62.3	65.3	93.90	0
5/3/19 12:00	4.0	104.2	033	9.48	66.44	65.1	68.0	87.10	0
5/3/19 13:00	5.1	82.0	033	10.40	67.78	66.3	70.4	84.60	0
5/3/19 14:00	4.7	83.5	042	10.40	70.70	69.8	71.8	79.13	0
5/3/19 15:00	4.5	98.6	034	9.34	72.34	70.9	73.3	75.31	0
5/3/19 16:00	5.0	89.4	028	10.26	73.40	72.7	74.0	73.50	0
5/3/19 17:00	4.8	97.9	025	9.62	73.47	72.8	74.1	74.09	0
5/3/19 18:00	5.1	96.4	025	12.00	72.83	71.4	73.8	75.16	0
5/3/19 19:00	4.5	99.1	020	10.21	70.00	68.5	71.4	82.30	0
5/3/19 20:00	4.1	92.7	021	10.26	66.76	65.8	68.6	89.40	0
5/3/19 21:00	3.1	51.4	057	17.77	65.75	65.4	66.1	91.30	0
5/3/19 22:00	4.3	8.3	035	13.19	64.96	63.6	66.2	94.40	0.17
5/3/19 23:00	3.8	44.5	023	10.03	63.06	62.8	63.6	97.50	0.01
5/4/19 0:00	0.5	41.6	007	4.21	62.45	61.9	62.9	97.70	0
5/4/19 1:00	0.7	133.3	012	3.94	61.81	61.6	62.1	99.20	0
5/4/19 2:00	0.0	135.6	002	1.60	61.60	61.3	61.8	99.70	0
5/4/19 3:00	0.8	110.6	018	3.85	61.61	61.3	61.8	99.90	0
5/4/19 4:00	0.0	41.0	001	2.38	61.10	60.8	61.4	100.00	0
5/4/19 5:00	1.7	37.4	016	4.90	61.24	61.2	61.4	100.00	0
5/4/19 6:00	2.2	25.9	019	6.09	61.34	61.3	61.5	100.00	0
5/4/19 7:00	1.4	30.8	016	5.36	61.39	61.3	61.9	100.00	0
5/4/19 8:00	2.4	11.2	027	5.95	62.15	61.7	62.6	100.00	0
5/4/19 9:00	1.1	0.1	031	4.53	63.43	62.6	64.4	98.70	0
5/4/19 10:00	1.5	35.3	036	5.31	64.75	64.1	65.5	95.20	0
5/4/19 11:00	0.9	4.5	021	5.40	66.21	65.4	66.9	92.10	0
5/4/19 12:00	2.3	51.0	035	5.59	68.18	66.9	69.2	87.30	0

5/4/19 13:00	2.4	20.4	037	7.24	69.96	69.2	70.6	82.20	0
5/4/19 14:00	2.5	39.0	051	6.60	71.68	70.6	72.7	78.13	0
5/4/19 15:00	1.5	46.6	042	5.40	73.17	72.3	74.2	73.07	0
5/4/19 16:00	0.7	97.8	028	3.39	72.38	72.2	72.9	76.85	0
5/4/19 17:00	1.4	152.2	027	4.49	72.55	72.2	73.1	74.76	0
5/4/19 18:00	0.5	90.5	017	2.57	72.02	71.7	72.4	77.95	0
5/4/19 19:00	1.5	103.6	027	3.71	70.42	68.6	71.7	82.90	0
5/4/19 20:00	0.7	69.0	015	3.89	67.97	66.9	68.8	90.50	0
5/4/19 21:00	1.5	31.1	014	6.96	67.06	66.4	67.7	92.80	0
5/4/19 22:00	1.7	37.1	017	6.50	66.40	66.1	66.6	94.70	0
5/4/19 23:00	0.5	19.9	019	2.84	65.62	65.0	66.1	96.50	0.19
5/5/19 0:00	1.8	31.6	023	6.23	64.30	63.7	65.0	98.50	0.14
5/5/19 1:00	1.8	86.5	020	6.55	63.34	63.0	63.8	98.60	0.06
5/5/19 2:00	1.4	41.1	026	3.62	62.90	62.8	63.1	98.80	0.03
5/5/19 3:00	1.7	42.9	021	6.23	62.61	62.4	62.9	99.10	0
5/5/19 4:00	0.0	36.9	002	3.80	62.59	62.5	62.7	98.70	0
5/5/19 5:00	0.2	67.4	005	3.85	62.50	62.4	62.7	99.10	0.06
5/5/19 6:00	0.4	58.3	007	4.63	62.66	62.5	62.9	99.70	0.02
5/5/19 7:00	0.2	77.7	005	4.40	63.25	62.8	63.7	99.90	0.03
5/5/19 8:00	3.6	115.8	018	9.30	63.70	63.4	63.9	99.60	0.04
5/5/19 9:00	4.0	126.1	020	11.59	62.98	62.3	63.6	98.70	0.03
5/5/19 10:00	5.5	109.1	021	14.11	62.32	62.1	62.6	98.00	0.01
5/5/19 11:00	4.4	105.6	021	12.87	61.90	61.5	62.2	98.20	0.18
5/5/19 12:00	4.7	77.9	022	10.17	61.43	61.2	61.8	97.90	0.04
5/5/19 13:00	5.6	73.5	019	13.14	60.93	60.4	61.5	97.10	0.09
5/5/19 14:00	5.5	70.5	020	12.50	60.03	59.7	60.5	96.70	0
5/5/19 15:00	5.4	64.3	024	14.47	59.08	58.6	59.7	96.50	0.04
5/5/19 16:00	3.7	37.8	034	10.03	58.50	58.4	58.7	96.90	0.1
5/5/19 17:00	4.9	13.7	030	12.50	58.24	57.8	58.7	98.00	0.15
5/5/19 18:00	3.6	27.7	027	8.70	58.10	57.8	58.5	97.10	0.02
5/5/19 19:00	4.2	25.6	027	11.45	57.75	57.3	58.2	95.00	0
5/5/19 20:00	4.3	23.5	025	11.54	57.08	56.9	57.4	94.00	0
5/5/19 21:00	3.4	19.3	032	11.08	56.60	56.0	57.0	92.40	0
5/5/19 22:00	3.5	342.9	019	7.37	56.37	56.0	56.5	94.90	0
5/5/19 23:00	3.1	349.9	022	6.96	56.53	56.2	57.1	95.90	0
5/6/19 0:00	2.6	27.3	031	6.64	56.85	56.4	57.2	93.60	0
5/6/19 1:00	0.9	338.9	020	4.35	55.25	53.8	56.4	96.00	0
5/6/19 2:00	1.1	340.7	010	4.58	55.88	55.1	56.2	96.90	0
5/6/19 3:00	2.3	344.0	013	5.82	56.17	56.1	56.4	96.00	0
5/6/19 4:00	1.5	344.6	015	5.27	56.34	56.2	56.5	95.20	0
5/6/19 5:00	1.4	52.4	016	3.62	56.31	56.0	56.6	93.80	0
5/6/19 6:00	0.3	12.7	015	3.48	55.91	55.7	56.1	93.00	0
5/6/19 7:00	1.9	19.7	023	4.44	56.48	56.0	57.2	91.00	0

5/6/19 8:00	2.7	24.4	029	6.55	58.05	57.2	58.8	87.70	0
5/6/19 9:00	2.4	2.7	043	7.65	60.51	58.6	62.2	83.10	0
5/6/19 10:00	3.8	315.8	033	8.93	63.51	62.2	65.1	78.31	0
5/6/19 11:00	5.1	328.8	036	11.86	66.46	65.1	67.9	71.15	0
5/6/19 12:00	4.8	333.0	041	13.42	69.29	67.6	71.2	62.84	0
5/6/19 13:00	4.0	355.8	046	11.82	70.56	69.7	72.4	58.25	0
5/6/19 14:00	2.8	5.1	033	9.71	71.08	70.1	72.3	57.66	0
5/6/19 15:00	3.4	332.6	054	12.50	72.94	71.2	74.8	51.96	0
5/6/19 16:00	5.4	260.2	041	11.91	74.57	73.3	75.8	46.88	0
5/6/19 17:00	4.4	267.6	030	10.21	75.17	73.4	75.8	44.26	0
5/6/19 18:00	3.9	270.5	036	7.83	74.28	73.6	75.0	44.14	0
5/6/19 19:00	2.5	303.8	032	6.14	72.59	69.7	73.9	47.76	0
5/6/19 20:00	0.2	296.9	023	3.57	68.08	64.8	70.4	57.16	0
5/6/19 21:00	1.2	137.4	021	5.36	64.50	64.1	65.0	75.94	0
5/6/19 22:00	1.0	143.8	012	4.63	64.11	63.3	64.8	81.90	0
5/6/19 23:00	0.8	154.1	012	2.84	63.11	62.3	63.8	84.00	0
5/7/19 0:00	0.0	0.0	000	0.00	61.95	61.4	62.4	87.80	0
5/7/19 1:00	0.0	0.0	000	0.00	60.48	58.8	61.7	92.20	0
5/7/19 2:00	0.0	0.0	000	0.00	58.67	58.4	58.9	96.30	0
5/7/19 3:00	0.0	0.0	000	0.00	58.51	57.6	58.9	96.20	0
5/7/19 4:00	0.4	139.4	008	3.48	57.55	56.6	58.0	97.80	0
5/7/19 5:00	0.4	162.2	008	3.48	57.85	57.5	58.2	97.70	0
5/7/19 6:00	0.0	153.9	000	0.82	57.99	57.4	59.7	96.90	0
5/7/19 7:00	0.7	267.0	024	4.76	61.87	59.7	63.7	88.90	0
5/7/19 8:00	2.7	243.2	033	5.77	64.58	62.9	66.2	81.60	0
5/7/19 9:00	2.0	248.9	047	5.31	68.64	66.2	70.9	68.93	0
5/7/19 10:00	2.9	241.4	043	7.05	72.46	70.8	74.2	55.13	0
5/7/19 11:00	3.4	214.4	049	8.70	75.24	74.0	76.7	49.96	0
5/7/19 12:00	5.4	202.9	047	14.56	76.68	75.8	77.5	44.94	0
5/7/19 13:00	5.3	200.9	037	11.54	77.10	76.2	78.6	44.61	0
5/7/19 14:00	6.1	251.4	037	14.93	79.04	78.2	79.8	44.46	0
5/7/19 15:00	5.7	252.3	032	13.33	79.42	77.7	81.4	44.02	0
5/7/19 16:00	5.8	197.7	030	13.60	79.55	78.7	80.7	43.97	0
5/7/19 17:00	5.4	197.8	031	11.22	79.16	78.0	80.2	46.22	0
5/7/19 18:00	8.1	198.3	023	18.23	77.61	76.3	79.5	50.42	0
5/7/19 19:00	5.2	208.4	021	12.87	75.58	74.6	76.4	52.04	0
5/7/19 20:00	1.5	187.2	022	6.32	73.19	71.8	74.6	57.50	0
5/7/19 21:00	0.6	129.4	028	2.84	70.06	68.8	71.8	65.50	0
5/7/19 22:00	1.2	171.6	018	4.21	69.32	68.0	70.1	68.98	0
5/7/19 23:00	1.5	185.8	015	4.95	68.03	67.7	68.3	73.79	0
5/8/19 0:00	3.1	195.8	020	6.32	67.74	67.4	68.2	74.03	0
5/8/19 1:00	2.3	201.3	017	5.95	66.94	66.4	67.4	75.36	0
5/8/19 2:00	1.0	282.1	053	3.99	65.59	62.3	67.0	78.81	0

5/8/19 3:00	2.8	27.4	018	8.34	62.42	61.5	63.2	89.50	0
5/8/19 4:00	0.0	0.0	000	0.00	60.53	59.4	61.6	93.90	0
5/8/19 5:00	1.5	15.1	013	4.90	59.55	58.8	60.0	96.80	0
5/8/19 6:00	3.0	28.4	021	6.64	60.58	59.6	61.6	96.70	0
5/8/19 7:00	3.2	25.8	021	7.88	62.17	61.5	62.6	93.90	0
5/8/19 8:00	4.3	30.6	023	10.67	62.63	62.3	63.0	91.10	0
5/8/19 9:00	4.2	25.7	022	8.52	62.85	62.8	63.0	91.00	0
5/8/19 10:00	3.9	37.9	027	9.30	63.71	62.8	64.2	89.60	0
5/8/19 11:00	3.2	28.6	025	7.01	64.50	64.1	64.8	87.30	0
5/8/19 12:00	3.7	22.6	023	7.92	64.37	64.1	64.7	87.80	0
5/8/19 13:00	4.3	23.0	024	8.75	63.69	63.4	64.0	88.20	0
5/8/19 14:00	3.8	26.6	024	8.75	63.97	63.8	64.2	87.10	0
5/8/19 15:00	4.2	32.6	026	8.20	63.62	62.9	64.2	88.70	0
5/8/19 16:00	4.4	45.1	029	11.04	63.38	62.8	64.0	88.80	0
5/8/19 17:00	5.3	68.9	028	11.18	63.42	63.1	64.0	88.20	0
5/8/19 18:00	4.3	99.7	026	11.18	63.14	62.8	63.8	88.50	0
5/8/19 19:00	4.4	88.7	023	9.98	62.46	62.2	62.9	86.80	0
5/8/19 20:00	4.2	84.5	022	9.16	61.93	61.8	62.2	86.70	0
5/8/19 21:00	4.4	96.9	021	9.57	61.75	61.7	61.9	87.30	0
5/8/19 22:00	4.9	114.6	022	11.45	61.63	61.3	61.9	85.50	0
5/8/19 23:00	5.1	108.3	024	11.22	60.96	60.5	61.4	82.20	0
5/9/19 0:00	4.9	116.5	022	14.89	60.14	59.8	60.5	81.30	0
5/9/19 1:00	3.5	116.7	020	9.25	59.56	59.4	59.9	82.30	0
5/9/19 2:00	3.4	115.3	019	8.15	59.25	59.1	59.4	83.30	0
5/9/19 3:00	2.6	117.3	026	8.02	59.06	58.9	59.2	83.90	0
5/9/19 4:00	3.2	129.4	022	7.47	58.66	58.4	58.9	85.10	0
5/9/19 5:00	2.5	117.2	020	7.19	58.42	58.4	58.5	86.00	0
5/9/19 6:00	1.6	83.1	020	5.13	58.51	58.4	58.7	87.20	0
5/9/19 7:00	2.8	94.8	020	7.19	58.67	58.5	58.9	89.50	0
5/9/19 8:00	3.0	94.6	022	7.74	58.84	58.7	59.1	94.70	0
5/9/19 9:00	3.5	104.3	020	7.79	59.60	59.0	60.4	97.70	0
5/9/19 10:00	4.7	122.9	023	9.85	61.98	60.4	64.0	94.50	0
5/9/19 11:00	4.4	118.8	023	10.67	63.41	62.9	64.2	92.10	0
5/9/19 12:00	4.6	118.0	026	12.46	64.93	64.2	65.9	90.20	0
5/9/19 13:00	3.6	120.4	030	8.89	67.48	65.9	68.9	86.10	0
5/9/19 14:00	3.9	111.8	025	9.43	70.16	68.9	71.4	82.10	0
5/9/19 15:00	4.6	146.3	033	11.72	73.06	71.4	74.2	75.94	0
5/9/19 16:00	5.6	132.1	028	14.66	73.37	71.9	74.8	73.66	0
5/9/19 17:00	5.6	127.9	022	13.65	72.65	71.9	73.2	75.37	0
5/9/19 18:00	4.9	130.4	021	12.37	72.19	71.6	72.7	72.10	0
5/9/19 19:00	5.1	129.5	019	12.27	70.63	69.5	71.7	72.92	0
5/9/19 20:00	4.6	136.7	020	11.04	68.59	67.9	69.6	75.01	0
5/9/19 21:00	4.6	152.1	022	11.18	67.51	67.3	68.0	76.72	0

5/9/19 22:00	4.2	149.0	021	9.57	66.95	66.5	67.3	77.99	0
5/9/19 23:00	4.4	148.7	021	11.59	66.12	65.7	66.5	79.85	0
5/10/19 0:00	4.0	160.4	023	8.70	65.58	65.2	65.8	81.80	0
5/10/19 1:00	4.3	158.2	022	10.21	64.95	64.7	65.2	84.50	0
5/10/19 2:00	5.6	169.8	023	13.19	65.34	64.7	65.8	84.90	0
5/10/19 3:00	5.8	175.5	023	13.28	65.84	65.7	66.1	83.90	0
5/10/19 4:00	5.8	183.7	023	14.43	65.98	65.8	66.1	82.90	0
5/10/19 5:00	6.1	187.6	024	13.56	66.02	65.8	66.2	82.00	0
5/10/19 6:00	6.1	184.3	022	14.47	66.07	65.9	66.3	81.90	0
5/10/19 7:00	5.3	187.8	021	12.27	65.92	65.8	66.2	82.50	0
5/10/19 8:00	5.2	189.9	024	13.60	66.47	65.8	67.2	81.40	0
5/10/19 9:00	8.0	197.3	022	19.51	68.35	67.1	70.2	77.20	0
5/10/19 10:00	9.7	199.9	022	20.93	71.43	70.2	73.5	71.27	0
5/10/19 11:00	10.8	206.0	024	21.62	75.01	73.5	75.8	64.43	0
5/10/19 12:00	9.7	205.2	023	19.92	76.88	75.7	77.8	61.51	0
5/10/19 13:00	9.2	206.7	024	21.57	78.01	77.2	79.1	60.32	0
5/10/19 14:00	8.1	199.6	024	18.09	78.03	77.7	78.5	59.11	0
5/10/19 15:00	7.4	261.7	048	29.45	70.51	66.6	78.2	85.40	0.81
5/10/19 16:00	1.6	171.8	029	7.42	68.92	67.1	70.4	94.10	0
5/10/19 17:00	3.2	162.7	026	7.97	70.84	69.4	72.2	89.60	0
5/10/19 18:00	1.8	142.2	045	6.50	71.90	71.4	72.8	87.10	0
5/10/19 19:00	1.7	94.1	019	4.58	71.03	70.0	72.4	92.20	0
5/10/19 20:00	2.8	314.5	037	20.06	69.91	66.5	70.7	91.30	0.09
5/10/19 21:00	4.3	356.1	052	16.85	65.63	65.3	66.5	96.70	0.33
5/10/19 22:00	0.0	0.0	000	0.00	65.13	64.8	65.3	98.10	0
5/10/19 23:00	1.6	256.1	011	4.67	65.20	64.9	65.5	99.10	0
5/11/19 0:00	1.6	293.9	025	4.58	64.39	64.0	64.9	99.60	0
5/11/19 1:00	0.0	323.8	001	0.87	63.66	63.3	64.3	100.00	0
5/11/19 2:00	1.1	331.5	012	4.40	63.15	62.8	63.4	99.40	0.01
5/11/19 3:00	0.2	330.6	003	2.70	62.59	62.2	63.2	96.20	0
5/11/19 4:00	1.3	346.1	012	7.47	61.83	61.3	62.4	95.20	0
5/11/19 5:00	2.9	355.1	015	6.32	61.52	61.0	62.2	90.90	0
5/11/19 6:00	3.5	353.8	018	7.56	60.87	60.6	61.3	89.70	0
5/11/19 7:00	3.7	3.4	024	7.88	61.20	60.7	61.6	87.60	0
5/11/19 8:00	5.6	11.5	024	14.01	60.51	60.2	60.9	84.80	0
5/11/19 9:00	3.8	3.3	026	10.40	59.96	59.4	60.4	76.42	0
5/11/19 10:00	6.0	346.4	022	13.19	60.08	59.6	60.8	67.65	0
5/11/19 11:00	4.2	350.9	026	9.94	60.47	59.9	61.5	65.94	0
5/11/19 12:00	4.7	359.0	031	10.40	62.23	61.1	64.1	64.96	0
5/11/19 13:00	3.5	20.3	029	8.15	62.59	62.1	63.1	65.78	0
5/11/19 14:00	2.2	28.8	028	7.24	63.17	62.6	64.2	65.17	0
5/11/19 15:00	2.0	67.1	022	6.09	62.89	62.6	63.4	66.88	0
5/11/19 16:00	2.6	76.4	027	6.28	62.44	62.2	62.9	69.58	0

5/11/19 17:00	1.2	26.5	030	4.31	61.79	60.8	62.5	74.01	0
5/11/19 18:00	1.0	18.1	036	5.82	58.99	57.9	60.8	89.60	0.04
5/11/19 19:00	3.4	77.4	018	9.76	57.82	56.9	58.3	93.90	0.01
5/11/19 20:00	2.9	76.1	020	7.01	56.14	55.3	57.0	94.50	0.08
5/11/19 21:00	3.2	66.9	025	7.65	54.73	54.4	55.3	97.40	0.07
5/11/19 22:00	2.0	40.3	021	5.18	54.54	54.5	54.8	98.80	0.03
5/11/19 23:00	3.0	60.1	027	8.93	54.96	54.5	55.5	99.30	0.05
5/12/19 0:00	3.5	77.6	018	9.62	56.02	55.5	56.4	99.10	0.02
5/12/19 1:00	1.6	51.6	021	6.23	56.58	56.4	56.8	99.10	0.02
5/12/19 2:00	2.1	61.5	018	7.28	56.86	56.6	57.3	99.60	0.01
5/12/19 3:00	3.0	94.8	020	9.53	57.29	57.2	57.4	99.60	0.03
5/12/19 4:00	4.5	78.2	022	9.07	57.18	56.9	57.4	99.10	0.02
5/12/19 5:00	5.9	76.5	022	15.25	56.28	54.8	56.9	98.80	0.01
5/12/19 6:00	5.7	81.2	027	13.74	53.94	53.2	54.8	98.50	0
5/12/19 7:00	6.2	81.6	022	13.56	52.58	52.1	53.2	98.60	0.04
5/12/19 8:00	6.1	84.1	022	13.60	52.11	52.0	52.3	98.40	0.07
5/12/19 9:00	6.9	89.1	022	14.52	52.45	52.3	52.6	97.00	0
5/12/19 10:00	6.2	87.3	022	16.35	52.46	52.3	52.6	96.90	0.03
5/12/19 11:00	4.1	52.8	045	14.79	52.43	52.3	52.6	97.70	0.28
5/12/19 12:00	4.9	61.5	027	10.58	53.04	52.4	53.7	97.80	0.05
5/12/19 13:00	5.0	72.4	024	11.68	53.75	53.5	54.1	95.80	0.01
5/12/19 14:00	5.1	65.1	025	11.91	53.91	53.6	54.1	94.60	0.01
5/12/19 15:00	5.7	60.8	027	12.46	53.12	52.4	54.0	95.20	0
5/12/19 16:00	6.1	66.1	027	13.51	51.91	51.5	52.5	94.90	0
5/12/19 17:00	5.3	77.9	024	14.29	50.99	50.7	51.6	94.20	0
5/12/19 18:00	5.3	74.7	026	12.55	50.60	50.3	50.9	95.20	0
5/12/19 19:00	4.9	72.1	025	14.01	50.10	49.5	50.4	96.40	0
5/12/19 20:00	5.1	69.7	023	11.40	49.12	48.8	49.5	97.20	0
5/12/19 21:00	5.0	64.2	024	12.00	48.59	48.3	48.8	97.60	0.01
5/12/19 22:00	4.3	61.0	023	9.25	48.14	48.0	48.3	97.90	0
5/12/19 23:00	4.9	68.9	024	12.55	47.87	47.7	48.1	98.00	0
5/13/19 0:00	4.3	54.9	024	10.99	47.20	46.8	47.8	97.90	0
5/13/19 1:00	4.2	69.0	025	9.62	46.65	46.5	46.9	98.20	0.02
5/13/19 2:00	2.2	52.9	017	6.69	46.47	46.1	46.7	98.50	0.11
5/13/19 3:00	1.1	52.7	012	5.77	46.14	46.0	46.3	99.30	0.07
5/13/19 4:00	1.3	24.2	022	4.76	46.20	46.1	46.4	99.60	0.07
5/13/19 5:00	2.8	64.1	033	7.65	46.36	46.3	46.5	99.70	0
5/13/19 6:00	1.8	71.1	021	6.55	46.82	46.4	47.2	99.30	0
5/13/19 7:00	3.1	68.3	022	7.60	47.16	46.9	47.3	99.00	0.01
5/13/19 8:00	3.4	83.2	029	8.47	47.54	47.3	47.8	98.10	0.05
5/13/19 9:00	3.3	99.1	038	9.85	48.12	47.7	48.7	96.70	0.05
5/13/19 10:00	2.5	32.3	042	7.42	48.74	48.4	49.4	96.60	0.03
5/13/19 11:00	4.5	14.5	059	10.95	48.67	48.3	49.3	97.70	0.33

5/13/19 12:00	4.3	57.1	061	10.21	49.48	48.8	50.2	96.80	0.07
5/13/19 13:00	3.3	43.4	047	10.67	51.53	50.1	53.1	92.30	0.02
5/13/19 14:00	3.3	1.1	033	7.51	52.73	51.9	53.5	87.50	0
5/13/19 15:00	2.2	6.9	030	5.91	52.39	52.1	53.2	88.70	0
5/13/19 16:00	2.4	11.2	029	5.95	53.65	52.9	54.4	87.00	0
5/13/19 17:00	2.5	7.4	025	5.63	53.81	53.5	54.3	89.10	0
5/13/19 18:00	2.2	8.8	035	5.68	54.32	54.0	55.0	86.70	0
5/13/19 19:00	1.2	342.6	017	4.26	53.93	52.6	54.8	87.10	0
5/13/19 20:00	0.1	0.7	007	1.88	52.34	51.6	52.7	93.50	0
5/13/19 21:00	0.0	0.0	000	0.00	50.22	49.7	51.7	97.90	0
5/13/19 22:00	0.0	0.0	000	0.00	48.91	47.7	50.0	99.20	0
5/13/19 23:00	0.2	36.1	002	3.44	48.34	47.7	48.9	99.90	0
5/14/19 0:00	0.0	67.6	000	0.50	48.03	47.6	48.5	100.00	0
5/14/19 1:00	0.1	324.5	003	2.84	48.65	47.4	49.4	100.00	0
5/14/19 2:00	0.4	346.8	005	4.95	48.49	47.3	49.5	100.00	0
5/14/19 3:00	1.0	340.0	005	5.68	48.49	47.8	49.4	99.40	0
5/14/19 4:00	1.2	331.9	009	4.44	47.92	47.5	48.7	98.80	0
5/14/19 5:00	0.2	328.3	002	4.76	47.30	46.9	47.5	98.20	0
5/14/19 6:00	0.0	329.3	002	2.52	46.94	46.4	48.0	97.30	0
5/14/19 7:00	0.2	4.3	005	3.89	49.12	48.0	50.1	93.00	0
5/14/19 8:00	2.4	330.3	014	11.40	50.35	49.8	52.0	87.90	0
5/14/19 9:00	9.5	324.1	016	17.13	52.47	51.7	53.4	70.43	0
5/14/19 10:00	12.1	313.1	016	20.88	53.66	52.7	55.0	59.51	0
5/14/19 11:00	10.2	307.2	017	20.34	54.19	53.5	55.3	54.60	0
5/14/19 12:00	10.3	303.3	018	19.14	54.97	54.0	56.8	52.70	0
5/14/19 13:00	11.1	312.8	019	20.01	55.91	54.5	57.9	52.32	0
5/14/19 14:00	10.9	322.0	017	19.51	56.77	56.0	57.9	52.85	0
5/14/19 15:00	10.9	311.8	020	21.85	56.56	55.3	58.3	54.68	0
5/14/19 16:00	10.4	312.5	015	20.93	56.10	55.8	56.9	55.28	0
5/14/19 17:00	10.3	315.0	018	22.95	56.43	55.8	57.3	55.92	0
5/14/19 18:00	11.0	309.3	015	21.25	55.79	55.0	56.3	59.16	0
5/14/19 19:00	9.8	307.6	014	18.05	55.11	53.8	56.2	61.45	0
5/14/19 20:00	6.9	306.6	012	14.98	53.12	52.7	53.8	67.74	0
5/14/19 21:00	5.2	313.8	011	10.40	51.55	50.4	53.1	73.08	0
5/14/19 22:00	5.0	311.9	011	8.52	50.26	49.7	50.8	76.84	0
5/14/19 23:00	5.3	310.2	012	10.12	49.84	49.2	50.7	76.42	0
5/15/19 0:00	4.1	304.9	010	7.79	48.73	47.8	49.5	78.05	0
5/15/19 1:00	3.4	310.5	008	7.60	47.10	46.7	47.8	82.30	0
5/15/19 2:00	3.7	314.1	010	7.74	46.93	46.3	47.6	82.20	0
5/15/19 3:00	3.5	329.2	011	6.23	46.03	44.9	46.6	84.70	0
5/15/19 4:00	2.4	331.7	007	4.31	44.56	44.3	44.8	88.90	0
5/15/19 5:00	2.9	324.9	008	3.89	44.77	44.6	45.1	87.90	0
5/15/19 6:00	2.8	312.6	010	4.03	45.38	44.1	48.1	87.10	0

5/15/19 7:00	4.6	298.8	020	10.90	50.63	48.2	52.3	75.60	0
5/15/19 8:00	6.7	309.2	016	12.78	54.00	52.3	55.9	66.44	0
5/15/19 9:00	7.1	320.4	019	12.73	57.47	55.7	58.9	59.09	0
5/15/19 10:00	6.8	309.3	021	14.01	60.71	58.7	62.1	53.54	0
5/15/19 11:00	7.2	317.0	021	13.97	63.78	61.6	65.9	46.32	0
5/15/19 11:00	7.2	317.0	021	13.97	63.78	61.6	65.9	46.32	0
5/15/19 12:00	8.5	311.1	026	80.20	67.47	64.8	73.2	41.93	0.11
5/15/19 13:00	9.2	315.8	027	18.05	68.38	67.2	70.1	40.55	0
5/15/19 14:00	8.8	318.4	024	17.63	69.84	68.7	70.7	37.03	0
5/15/19 15:00	7.9	295.0	027	17.91	70.14	69.0	71.4	33.30	0
5/15/19 16:00	9.6	286.6	021	18.41	70.54	69.3	71.6	32.81	0
5/15/19 17:00	8.8	291.2	017	16.67	69.80	69.0	70.8	34.09	0
5/15/19 18:00	8.8	302.5	018	17.31	69.82	69.0	70.4	31.95	0
5/15/19 19:00	5.9	295.6	015	12.14	68.24	66.7	69.4	35.12	0
5/15/19 20:00	2.7	289.3	011	7.79	64.17	62.3	66.8	42.45	0
5/15/19 21:00	2.0	261.8	020	4.86	62.94	62.1	64.1	43.49	0
5/15/19 22:00	1.6	295.2	011	3.16	61.58	61.1	62.4	46.66	0
5/15/19 23:00	1.6	274.4	013	4.76	60.19	59.4	61.4	51.08	0
5/16/19 0:00	1.2	278.7	018	3.57	58.20	56.5	59.6	57.87	0
5/16/19 1:00	1.3	263.1	019	3.62	57.12	56.0	58.5	60.93	0
5/16/19 2:00	0.2	272.2	013	2.57	55.71	54.9	57.8	64.14	0
5/16/19 3:00	0.0	0.0	000	0.00	55.18	54.6	55.8	65.45	0
5/16/19 4:00	0.0	0.0	000	0.00	53.47	52.4	55.5	75.37	0
5/16/19 5:00	0.7	26.2	002	4.95	54.72	53.1	56.4	71.12	0
5/16/19 6:00	1.3	29.4	012	4.99	52.92	52.2	53.6	84.70	0
5/16/19 7:00	0.3	348.2	027	2.24	53.35	52.6	54.7	89.30	0
5/16/19 8:00	1.5	321.3	017	7.15	58.23	54.7	60.9	78.16	0
5/16/19 9:00	4.4	302.5	021	10.21	62.16	60.7	63.9	66.65	0
5/16/19 10:00	7.0	290.0	023	13.92	65.40	63.7	67.4	61.93	0
5/16/19 11:00	8.7	290.5	023	15.48	68.22	66.7	70.5	57.02	0
5/16/19 12:00	9.4	317.5	021	17.59	70.02	68.6	71.3	50.53	0
5/16/19 13:00	8.3	318.8	027	17.40	71.76	70.2	73.6	44.84	0
5/16/19 14:00	7.9	315.2	029	15.76	73.34	71.3	75.0	39.94	0
5/16/19 15:00	7.7	311.4	027	16.26	74.47	72.6	76.1	34.95	0
5/16/19 16:00	7.5	315.1	021	18.46	75.12	73.9	76.2	33.38	0
5/16/19 17:00	5.7	322.4	019	13.05	75.45	75.1	76.0	32.57	0
5/16/19 18:00	3.8	286.8	025	9.80	73.74	72.1	75.3	35.94	0
5/16/19 19:00	1.1	7.1	015	3.62	71.59	68.4	73.5	41.26	0
5/16/19 20:00	0.8	53.0	021	2.52	67.56	64.8	69.3	47.91	0
5/16/19 21:00	0.0	78.8	000	0.14	62.91	61.0	64.8	61.40	0
5/16/19 22:00	0.2	79.0	027	4.17	60.47	59.4	61.2	71.61	0
5/16/19 23:00	0.1	105.3	006	1.65	59.55	58.8	60.2	75.05	0
5/17/19 0:00	0.2	71.2	013	2.57	58.24	56.0	60.4	81.80	0

5/17/19 1:00	0.3	38.2	017	2.52	55.21	54.3	56.3	92.20	0
5/17/19 2:00	0.0	0.0	000	0.00	53.93	53.5	54.7	96.20	0
5/17/19 3:00	0.1	34.1	001	2.29	53.27	52.8	53.8	97.00	0
5/17/19 4:00	0.0	0.0	000	0.00	53.22	52.2	54.0	97.70	0
5/17/19 5:00	0.0	0.0	000	0.00	53.66	52.9	54.9	97.50	0
5/17/19 6:00	0.0	0.0	000	0.00	54.05	53.2	55.5	97.70	0
5/17/19 7:00	0.3	137.2	010	2.38	58.45	55.2	60.8	89.80	0
5/17/19 8:00	2.2	213.9	034	5.50	62.43	60.8	63.9	77.40	0
5/17/19 9:00	2.2	268.6	023	4.76	63.60	63.3	64.6	73.72	0
5/17/19 10:00	0.8	265.9	026	4.53	66.49	64.6	67.8	68.56	0
5/17/19 11:00	2.2	245.5	032	6.00	69.52	67.8	72.2	60.97	0
5/17/19 12:00	3.0	264.3	039	9.11	74.06	72.0	75.4	54.10	0
5/17/19 13:00	4.2	243.6	041	9.98	76.29	74.7	77.8	51.81	0
5/17/19 14:00	4.9	245.7	032	10.67	77.65	76.7	79.1	52.69	0
5/17/19 15:00	6.8	258.9	032	13.19	79.12	78.6	79.9	52.69	0
5/17/19 16:00	7.5	282.0	026	13.97	79.37	78.3	80.5	54.48	0
5/17/19 17:00	7.6	296.6	021	13.83	79.24	78.2	80.3	56.75	0
5/17/19 18:00	8.2	309.1	015	15.66	78.42	77.8	79.1	55.65	0
5/17/19 19:00	6.4	309.9	011	13.65	77.02	75.9	77.8	58.45	0
5/17/19 20:00	1.7	293.0	020	7.97	74.17	73.1	76.1	64.82	0
5/17/19 21:00	3.2	293.3	017	8.43	72.68	71.8	73.4	67.46	0
5/17/19 22:00	2.4	315.0	009	5.95	71.53	71.0	72.5	68.41	0
5/17/19 23:00	2.8	295.8	015	5.59	71.56	71.1	72.1	69.92	0
5/18/19 0:00	1.8	308.5	020	5.36	71.17	70.4	71.6	71.59	0
5/18/19 1:00	1.2	18.1	012	3.21	69.47	67.2	71.3	76.30	0
5/18/19 2:00	0.1	41.0	018	1.60	66.29	65.4	67.2	85.00	0
5/18/19 3:00	1.7	31.0	024	4.63	64.29	62.7	66.2	91.20	0
5/18/19 4:00	0.2	24.3	007	1.56	63.06	62.3	63.7	94.50	0
5/18/19 5:00	0.8	1.7	009	3.44	65.62	63.7	67.2	87.30	0
5/18/19 6:00	0.4	5.1	015	3.76	65.79	64.8	67.2	87.70	0
5/18/19 7:00	2.0	1.7	027	4.72	67.59	65.9	69.6	84.30	0
5/18/19 8:00	1.4	44.2	030	6.73	70.68	69.6	71.5	79.36	0
5/18/19 9:00	1.9	78.6	033	6.18	71.81	70.9	72.7	75.22	0
5/18/19 10:00	2.2	88.3	053	6.09	73.55	72.7	74.7	71.64	0
5/18/19 11:00	1.7	57.0	076	6.05	75.90	74.1	77.0	67.57	0
5/18/19 12:00	2.0	84.1	078	6.50	76.35	75.9	77.0	67.57	0
5/18/19 13:00	2.5	112.0	046	6.96	77.42	76.0	79.9	66.11	0
5/18/19 14:00	2.6	279.0	080	7.19	79.88	79.1	81.1	59.46	0
5/18/19 15:00	1.8	110.8	069	6.05	81.60	80.3	82.9	56.32	0
5/18/19 16:00	3.1	137.0	044	7.97	81.40	80.3	83.2	58.98	0
5/18/19 17:00	2.9	121.4	017	6.37	80.40	79.8	81.2	63.06	0
5/18/19 18:00	3.8	136.7	037	13.65	81.40	79.7	82.3	60.66	0
5/18/19 19:00	5.6	142.4	021	11.91	77.49	76.0	79.7	69.80	0

5/18/19 20:00	3.8	109.6	032	8.66	74.82	73.7	76.1	74.84	0
5/18/19 21:00	3.6	133.2	017	8.34	72.89	72.1	73.7	77.30	0
5/18/19 22:00	3.4	142.2	018	8.34	71.34	70.6	72.1	79.56	0
5/18/19 23:00	3.6	151.1	022	8.70	70.19	69.4	70.6	78.99	0
5/19/19 0:00	4.1	156.2	024	10.26	68.78	68.1	69.5	75.04	0
5/19/19 1:00	2.2	144.9	025	7.10	67.42	66.9	68.2	76.84	0
5/19/19 2:00	2.2	137.2	017	6.18	65.89	64.9	66.9	80.60	0
5/19/19 3:00	0.1	130.2	003	3.30	64.40	63.7	64.9	86.40	0
5/19/19 4:00	0.2	61.1	002	3.44	62.82	61.6	63.9	92.00	0
5/19/19 5:00	0.4	137.0	005	3.71	63.05	61.5	63.9	94.00	0
5/19/19 6:00	1.1	150.2	013	6.18	64.23	63.6	65.5	93.00	0
5/19/19 7:00	3.1	143.0	020	8.15	66.43	65.5	67.8	90.00	0
5/19/19 8:00	4.0	162.3	031	8.66	69.69	67.8	71.3	84.00	0
5/19/19 9:00	4.1	200.8	029	8.52	72.43	71.2	74.0	80.30	0
5/19/19 10:00	4.1	177.7	037	8.75	75.50	73.5	77.2	75.18	0
5/19/19 11:00	4.0	191.5	034	10.17	79.07	77.1	80.4	68.98	0
5/19/19 12:00	4.5	193.6	038	10.81	82.40	80.1	84.2	63.70	0
5/19/19 13:00	5.6	186.1	031	12.78	84.80	83.7	86.0	58.47	0
5/19/19 14:00	7.1	190.8	029	19.33	86.60	85.6	87.3	55.27	0
5/19/19 15:00	9.1	196.6	023	21.57	87.00	86.4	87.8	54.98	0
5/19/19 16:00	8.2	183.2	025	16.67	87.50	86.9	88.0	55.31	0
5/19/19 17:00	9.1	187.3	023	20.93	87.60	87.0	88.2	52.24	0
5/19/19 18:00	8.3	191.0	022	19.24	87.10	86.8	87.5	49.71	0
5/19/19 19:00	7.8	187.9	022	19.97	85.90	84.7	87.0	50.81	0
5/19/19 20:00	6.1	197.9	021	13.33	84.00	83.3	84.8	54.21	0
5/19/19 21:00	7.7	198.9	020	17.04	83.20	82.7	83.6	54.16	0
5/19/19 22:00	8.4	200.3	019	15.76	82.50	81.8	82.9	53.11	0
5/19/19 23:00	7.9	207.1	021	17.68	81.60	81.2	82.0	52.43	0
5/20/19 0:00	8.4	217.1	019	18.05	81.00	80.5	81.4	52.40	0
5/20/19 1:00	8.6	216.7	020	19.01	79.85	79.0	80.7	54.66	0
5/20/19 2:00	5.0	205.9	024	17.59	76.07	75.3	79.0	66.03	0
5/20/19 3:00	6.4	211.8	021	14.52	77.12	76.2	77.6	59.74	0
5/20/19 4:00	6.4	217.8	019	15.16	76.33	75.3	77.0	59.52	0
5/20/19 5:00	5.9	228.7	021	13.79	74.56	73.5	75.6	63.22	0
5/20/19 6:00	5.2	221.2	019	10.95	72.80	72.3	73.5	68.89	0
5/20/19 7:00	6.2	219.9	021	12.73	73.23	72.6	74.0	69.95	0
5/20/19 8:00	6.1	221.2	026	12.41	75.32	73.9	76.9	67.20	0
5/20/19 9:00	5.6	227.0	026	13.14	77.98	76.8	79.1	62.60	0
5/20/19 10:00	5.9	235.5	028	13.74	79.96	78.6	81.2	59.49	0
5/20/19 11:00	7.2	240.9	028	16.72	81.80	80.8	82.5	53.29	0
5/20/19 12:00	7.7	230.6	029	17.72	83.40	82.5	84.6	49.86	0
5/20/19 13:00	8.4	240.8	031	20.34	83.70	82.6	84.4	47.65	0
5/20/19 14:00	8.4	240.7	029	19.42	84.70	83.4	85.7	46.07	0

5/20/19 15:00	7.7	254.1	025	15.11	85.20	83.9	86.6	45.29	0
5/20/19 16:00	6.7	246.5	030	20.61	85.20	81.0	86.5	46.80	0
5/20/19 17:00	4.7	307.3	027	22.76	81.60	78.7	84.4	55.33	0
5/20/19 18:00	8.5	320.8	014	18.82	82.60	81.8	83.2	43.99	0
5/20/19 19:00	6.3	316.0	013	12.78	80.70	79.2	82.6	39.73	0
5/20/19 20:00	6.1	324.3	011	11.54	77.69	76.4	79.5	42.22	0
5/20/19 21:00	7.0	327.3	013	12.09	75.85	74.9	76.6	42.75	0
5/20/19 22:00	6.8	321.9	010	12.37	73.91	72.8	75.3	45.66	0
5/20/19 23:00	5.8	322.8	017	13.79	72.35	71.5	73.7	48.88	0
5/21/19 0:00	8.1	329.4	016	15.53	70.15	69.2	71.7	51.14	0
5/21/19 1:00	6.2	328.0	015	13.79	67.99	66.7	69.2	53.52	0
5/21/19 2:00	6.0	337.1	018	12.78	65.64	64.7	66.7	58.11	0
5/21/19 3:00	5.9	335.7	017	14.06	63.56	62.4	64.8	59.52	0
5/21/19 4:00	4.0	340.7	022	10.44	61.55	60.8	62.6	62.05	0
5/21/19 5:00	5.2	337.5	015	9.98	59.62	58.7	60.9	65.65	0
5/21/19 6:00	4.5	346.0	019	16.90	58.56	58.2	58.8	66.15	0
5/21/19 7:00	8.0	329.0	015	17.40	58.42	58.3	58.6	59.38	0
5/21/19 8:00	8.6	339.7	022	18.18	58.64	58.0	59.7	56.80	0
5/21/19 9:00	8.1	330.8	023	15.16	58.89	58.4	59.9	56.87	0
5/21/19 10:00	8.4	320.7	027	21.25	60.70	59.8	61.7	54.35	0
5/21/19 11:00	7.7	337.0	024	17.17	62.26	60.9	63.4	49.12	0
5/21/19 12:00	7.9	344.6	028	17.04	63.45	62.6	64.2	44.93	0
5/21/19 13:00	6.9	332.9	030	17.17	64.89	63.6	66.2	43.64	0
5/21/19 14:00	6.4	339.0	036	15.66	66.48	65.4	67.8	40.63	0
5/21/19 15:00	7.0	338.4	031	15.57	67.58	66.8	68.6	40.49	0
5/21/19 16:00	6.4	345.0	025	13.01	68.03	67.5	68.8	37.55	0
5/21/19 17:00	6.2	342.3	026	13.28	67.70	67.1	68.6	39.13	0
5/21/19 18:00	5.0	344.3	021	11.04	67.31	66.4	68.4	38.99	0
5/21/19 19:00	3.2	340.2	012	6.64	66.14	64.8	66.7	41.44	0
5/21/19 20:00	1.5	347.9	015	4.49	63.94	62.7	64.9	46.65	0
5/21/19 21:00	2.5	355.0	013	5.91	62.73	61.7	63.5	48.40	0
5/21/19 22:00	1.5	29.2	012	2.93	58.94	56.5	61.7	63.57	0
5/21/19 23:00	1.1	19.4	015	3.21	56.19	55.3	57.2	70.65	0
5/22/19 0:00	0.2	34.6	001	3.34	54.30	53.1	55.3	76.95	0
5/22/19 1:00	1.4	25.0	006	3.80	53.15	51.2	54.8	83.40	0
5/22/19 2:00	1.4	9.6	020	4.90	51.84	51.2	53.1	83.60	0
5/22/19 3:00	1.2	11.1	018	4.03	52.27	51.7	53.0	76.41	0
5/22/19 4:00	0.2	28.5	006	3.30	51.24	50.6	52.0	79.25	0
5/22/19 5:00	0.0	0.0	000	0.00	49.87	47.9	51.5	79.10	0
5/22/19 6:00	0.0	0.0	000	0.00	50.45	49.0	52.9	79.69	0
5/22/19 7:00	0.1	9.7	005	2.38	55.77	52.9	58.9	69.41	0
5/22/19 8:00	1.4	49.2	032	8.11	60.10	58.4	61.8	56.05	0
5/22/19 9:00	2.6	108.8	025	6.73	62.55	61.3	63.2	47.28	0

5/22/19 10:00	3.8	145.4	040	9.62	64.39	62.8	66.1	41.42	0
5/22/19 11:00	3.6	129.0	046	8.75	65.91	65.0	66.5	37.54	0
5/22/19 12:00	2.6	171.5	034	8.15	66.51	66.1	67.2	36.57	0
5/22/19 13:00	3.5	161.6	041	9.66	67.91	66.4	69.0	36.53	0
5/22/19 14:00	3.7	155.1	032	10.40	68.82	67.6	70.1	37.73	0
5/22/19 15:00	4.5	172.2	046	11.59	69.79	68.4	71.0	35.16	0
5/22/19 16:00	4.2	203.6	036	12.05	70.44	69.5	71.6	36.39	0
5/22/19 17:00	4.9	193.0	028	12.96	70.33	69.4	71.4	38.41	0
5/22/19 18:00	4.5	158.7	026	10.17	69.02	68.5	69.6	42.08	0
5/22/19 19:00	4.0	179.5	023	9.62	68.17	67.7	68.6	44.84	0
5/22/19 20:00	2.2	155.9	024	6.18	66.74	65.7	67.8	50.30	0
5/22/19 21:00	2.6	161.1	021	5.82	65.61	65.3	66.0	53.43	0
5/22/19 22:00	2.9	153.4	020	8.38	64.66	63.9	65.5	55.10	0
5/22/19 23:00	4.0	170.3	023	11.08	63.95	63.7	64.4	54.76	0
5/23/19 0:00	4.5	181.6	023	11.22	63.46	62.8	64.0	58.98	0
5/23/19 1:00	5.3	183.5	021	10.99	62.29	61.8	62.8	60.83	0
5/23/19 2:00	4.5	189.0	023	10.26	61.61	61.4	61.8	59.83	0
5/23/19 3:00	4.9	183.5	022	10.12	61.54	61.4	61.7	61.66	0
5/23/19 4:00	3.9	180.4	021	9.25	61.27	61.1	61.5	61.87	0
5/23/19 5:00	3.7	180.0	022	9.34	60.78	60.4	61.2	62.63	0
5/23/19 6:00	4.4	187.8	022	10.35	60.64	60.4	61.0	67.18	0
5/23/19 7:00	4.5	196.2	022	11.04	62.01	61.0	63.5	69.04	0
5/23/19 8:00	5.5	203.3	024	12.00	65.06	63.3	66.8	67.53	0
5/23/19 9:00	4.3	219.1	030	10.08	68.34	66.7	69.9	66.61	0
5/23/19 10:00	5.6	206.0	024	13.10	71.61	69.6	73.5	64.96	0
5/23/19 11:00	4.9	193.6	025	11.40	74.43	73.1	76.2	63.39	0
5/23/19 12:00	4.6	188.6	032	10.58	77.63	76.3	79.6	61.90	0
5/23/19 13:00	5.1	198.0	032	13.51	81.80	79.3	83.8	57.88	0
5/23/19 14:00	4.9	188.4	038	11.59	84.40	82.7	85.7	56.00	0
5/23/19 15:00	6.7	296.9	085	45.34	72.17	66.8	84.7	82.70	0.32
5/23/19 16:00	3.1	189.2	045	8.79	71.90	68.2	73.9	86.80	0
5/23/19 17:00	5.2	199.9	024	13.33	73.67	73.1	74.3	82.80	0
5/23/19 18:00	4.8	198.5	028	11.50	73.67	73.1	74.7	83.50	0
5/23/19 19:00	3.2	199.4	024	6.69	73.77	73.5	74.3	80.30	0
5/23/19 20:00	2.4	200.4	026	6.73	72.75	71.9	73.9	83.40	0
5/23/19 21:00	2.4	231.9	030	5.73	72.16	71.8	72.7	84.90	0
5/23/19 22:00	3.5	261.8	022	7.10	72.29	71.8	72.7	88.00	0
5/23/19 23:00	3.4	243.4	021	7.97	72.85	72.4	73.5	90.80	0
5/24/19 0:00	5.0	260.7	017	10.31	73.29	72.9	73.8	87.60	0
5/24/19 1:00	4.3	264.5	018	10.12	73.35	73.0	74.0	81.90	0
5/24/19 2:00	5.8	295.6	013	20.01	72.47	71.1	73.7	81.40	0.02
5/24/19 3:00	4.0	319.0	020	9.25	70.23	68.3	71.4	87.60	0
5/24/19 4:00	3.0	327.7	019	8.15	68.69	68.0	70.4	91.80	0

5/24/19 5:00	5.9	323.3	010	11.36	70.29	69.4	71.0	81.90	0
5/24/19 6:00	8.4	327.9	012	16.90	69.63	69.2	70.0	66.66	0
5/24/19 7:00	9.2	332.7	014	16.35	69.52	69.1	69.8	53.62	0
5/24/19 8:00	8.6	329.9	016	16.44	69.73	69.5	70.1	53.88	0
5/24/19 9:00	10.9	323.9	016	19.47	69.84	69.5	70.5	52.79	0
5/24/19 10:00	10.5	330.4	019	20.61	70.85	70.1	71.5	52.39	0
5/24/19 11:00	9.9	324.1	022	24.78	72.65	71.5	73.9	51.14	0
5/24/19 12:00	11.3	320.6	020	19.88	74.31	73.2	75.3	46.69	0
5/24/19 13:00	12.0	323.6	020	23.36	76.07	74.9	77.3	42.31	0
5/24/19 14:00	11.5	326.5	019	21.85	77.53	76.6	78.3	39.79	0
5/24/19 15:00	11.4	322.0	019	20.79	79.04	78.0	79.7	37.30	0
5/24/19 16:00	11.5	325.1	018	22.53	79.84	79.2	80.3	35.05	0
5/24/19 17:00	9.2	334.4	018	17.72	79.80	78.6	81.0	34.80	0
5/24/19 18:00	6.6	344.9	019	13.56	78.80	78.2	79.8	34.84	0
5/24/19 19:00	3.2	354.9	023	9.30	76.72	75.0	78.6	41.34	0
5/24/19 20:00	0.7	30.6	020	3.39	73.94	72.8	75.0	48.99	0
5/24/19 21:00	0.8	29.5	015	3.02	71.23	68.2	73.0	53.72	0
5/24/19 22:00	0.0	0.0	000	0.00	68.34	67.5	69.4	57.43	0
5/24/19 23:00	0.0	0.0	000	0.00	66.49	66.0	67.6	61.29	0
5/25/19 0:00	0.0	0.0	000	0.00	63.25	62.2	66.2	77.23	0
5/25/19 1:00	0.3	9.3	012	4.53	63.77	62.0	64.6	72.47	0
5/25/19 2:00	0.8	346.7	021	3.07	64.03	63.1	65.3	68.74	0
5/25/19 3:00	3.5	107.9	024	9.43	66.46	65.3	67.1	62.35	0
5/25/19 4:00	5.1	122.2	024	11.54	66.49	65.9	66.9	62.09	0
5/25/19 5:00	3.8	133.0	020	10.26	65.16	64.6	65.9	65.27	0
5/25/19 6:00	2.6	130.4	019	7.47	64.66	64.5	64.9	68.41	0
5/25/19 7:00	3.2	135.5	019	7.65	65.64	64.9	66.3	67.15	0
5/25/19 8:00	3.6	151.0	026	10.40	66.39	65.6	67.9	68.97	0
5/25/19 9:00	5.0	167.6	032	10.67	68.59	67.5	69.6	63.04	0
5/25/19 10:00	5.4	161.4	029	12.18	70.64	69.6	71.9	58.04	0
5/25/19 11:00	4.7	166.8	033	12.41	72.75	70.7	74.3	55.99	0
5/25/19 12:00	5.5	165.3	034	12.05	75.11	73.8	76.4	53.54	0
5/25/19 13:00	5.7	178.0	033	15.43	77.01	75.7	78.0	52.80	0
5/25/19 14:00	6.6	172.3	031	15.02	78.31	77.7	78.9	52.18	0
5/25/19 15:00	6.4	176.0	035	16.81	79.36	78.5	80.1	52.80	0
5/25/19 16:00	6.4	186.6	027	15.11	79.87	79.0	81.1	54.63	0
5/25/19 17:00	4.8	158.0	026	13.37	78.19	77.7	79.2	59.45	0
5/25/19 18:00	4.2	152.3	026	10.26	77.04	76.0	77.8	62.59	0
5/25/19 19:00	4.2	153.1	021	10.21	72.89	69.5	76.0	78.62	0.1
5/25/19 20:00	4.7	158.8	021	11.36	69.54	69.1	70.0	88.60	0
5/25/19 21:00	2.8	145.3	020	6.64	68.98	68.4	69.5	88.10	0
5/25/19 22:00	3.2	153.5	026	9.34	68.85	68.2	69.8	87.90	0
5/25/19 23:00	3.3	192.6	064	11.54	69.25	68.0	70.0	86.80	0

5/26/19 0:00	1.3	69.3	052	6.00	67.11	66.4	68.3	95.50	0
5/26/19 1:00	0.8	21.2	003	5.22	66.01	65.6	66.5	98.30	0
5/26/19 2:00	0.0	0.0	000	0.00	65.37	65.0	65.8	99.10	0
5/26/19 3:00	0.0	38.6	000	0.64	65.81	65.2	66.6	99.30	0
5/26/19 4:00	0.1	314.3	005	3.11	66.02	65.3	66.5	99.30	0
5/26/19 5:00	1.3	322.4	013	4.21	66.60	66.1	67.0	99.00	0
5/26/19 6:00	0.3	328.1	014	4.58	67.44	66.3	69.4	97.60	0
5/26/19 7:00	1.7	305.6	036	5.36	72.10	69.4	74.1	87.40	0
5/26/19 8:00	3.0	273.3	037	8.56	75.76	74.1	76.6	78.58	0
5/26/19 9:00	5.0	298.8	030	11.27	77.94	76.0	79.0	69.76	0
5/26/19 10:00	6.0	292.3	022	13.33	79.97	79.0	81.0	64.76	0
5/26/19 11:00	5.3	297.8	034	11.86	82.30	80.8	83.5	63.08	0
5/26/19 12:00	5.9	306.3	027	12.78	84.00	83.1	85.3	58.37	0
5/26/19 13:00	6.0	304.3	029	15.21	83.10	82.4	83.7	58.90	0
5/26/19 14:00	5.7	328.7	023	10.90	83.00	82.3	84.5	61.37	0
5/26/19 15:00	6.9	297.8	028	13.10	85.50	84.1	86.5	52.92	0
5/26/19 16:00	6.0	305.0	026	13.24	85.90	84.4	86.9	51.21	0
5/26/19 17:00	5.1	302.4	026	11.54	84.70	83.8	85.9	53.50	0
5/26/19 18:00	4.5	317.7	020	9.89	83.80	82.6	85.1	56.28	0
5/26/19 19:00	5.3	230.7	030	11.40	82.20	80.8	83.1	61.47	0
5/26/19 20:00	4.0	227.2	020	10.72	79.94	79.2	80.8	68.96	0
5/26/19 21:00	6.5	312.1	048	18.14	77.99	75.8	79.2	66.93	0
5/26/19 22:00	4.7	337.0	015	12.18	72.78	70.6	75.8	73.72	0
5/26/19 23:00	2.8	327.0	014	7.10	70.82	70.2	71.8	81.80	0
5/27/19 0:00	4.5	327.6	020	9.85	71.81	71.6	72.1	79.70	0
5/27/19 1:00	1.1	13.6	042	4.26	70.66	69.9	71.8	84.70	0
5/27/19 2:00	1.1	2.6	008	3.71	69.44	68.8	70.1	87.40	0
5/27/19 3:00	1.2	0.5	013	4.35	68.17	67.3	69.1	91.30	0
5/27/19 4:00	2.0	335.5	007	4.26	67.14	67.0	67.4	94.10	0
5/27/19 5:00	2.8	343.2	011	5.27	67.35	66.7	67.8	93.40	0
5/27/19 6:00	2.0	339.0	016	6.28	67.60	66.4	69.7	93.40	0
5/27/19 7:00	3.5	353.9	025	9.71	70.67	69.6	72.2	84.50	0
5/27/19 8:00	4.3	25.9	025	9.39	72.47	71.9	74.0	74.50	0
5/27/19 9:00	3.7	3.2	033	8.61	73.83	73.1	75.3	70.19	0
5/27/19 10:00	3.6	357.6	034	9.25	75.05	74.0	75.9	65.19	0
5/27/19 11:00	3.8	342.3	037	9.34	75.93	75.2	76.7	63.39	0
5/27/19 12:00	6.1	321.2	020	14.61	76.90	74.9	78.8	60.92	0
5/27/19 13:00	7.7	322.8	020	14.38	78.15	76.6	79.7	55.99	0
5/27/19 14:00	6.7	334.2	023	14.34	79.03	78.0	80.0	52.76	0
5/27/19 15:00	6.3	333.8	023	13.24	80.50	79.1	81.2	50.25	0
5/27/19 16:00	6.6	329.0	023	13.47	80.50	79.3	81.2	50.85	0
5/27/19 17:00	4.6	344.4	025	9.94	80.80	79.2	81.6	51.67	0
5/27/19 18:00	3.9	332.9	021	10.72	80.60	79.8	81.0	50.43	0

5/27/19 19:00	1.8	30.2	023	3.85	79.02	77.0	80.9	57.06	0
5/27/19 20:00	0.3	24.2	004	1.88	75.10	73.5	77.0	66.97	0
5/27/19 21:00	1.0	48.8	023	4.90	71.56	69.7	73.9	75.34	0
5/27/19 22:00	1.5	116.0	025	4.17	70.45	69.9	70.9	78.36	0
5/27/19 23:00	0.5	85.9	009	3.39	69.39	68.9	70.0	82.80	0
5/28/19 0:00	0.0	0.0	000	0.00	68.09	67.1	68.9	85.80	0
5/28/19 1:00	0.2	61.9	014	3.57	67.13	66.2	68.1	88.50	0
5/28/19 2:00	0.7	108.6	011	4.35	66.59	65.4	67.6	89.00	0
5/28/19 3:00	0.5	109.9	009	2.61	66.59	65.9	67.4	89.10	0
5/28/19 4:00	0.8	151.0	013	4.31	67.16	66.4	67.8	88.50	0
5/28/19 5:00	3.0	189.2	028	9.11	68.98	67.8	69.7	88.40	0
5/28/19 6:00	6.3	227.9	031	17.50	68.43	67.0	69.5	93.40	0.61
5/28/19 7:00	1.5	181.3	020	9.66	67.10	66.7	68.2	98.60	0.11
5/28/19 8:00	3.8	192.8	022	9.66	68.40	68.1	69.1	95.40	0
5/28/19 9:00	4.5	187.2	025	9.57	69.78	69.0	71.3	94.60	0
5/28/19 10:00	6.0	198.4	024	12.46	72.64	71.1	74.5	88.60	0
5/28/19 11:00	5.2	202.1	027	10.99	75.86	74.2	77.1	80.60	0
5/28/19 12:00	5.0	197.6	030	14.66	79.57	76.6	82.8	73.25	0
5/28/19 13:00	6.1	235.6	029	13.65	83.40	82.6	84.5	63.01	0
5/28/19 14:00	7.0	241.8	029	15.02	84.80	83.9	85.6	59.55	0
5/28/19 15:00	7.1	246.4	033	17.59	86.90	85.4	87.8	55.45	0
5/28/19 16:00	6.8	237.0	030	14.24	87.90	87.5	88.4	53.78	0
5/28/19 17:00	5.9	236.7	028	13.56	87.70	87.4	88.2	54.65	0
5/28/19 18:00	5.2	235.8	026	15.48	87.60	86.7	88.1	54.37	0
5/28/19 19:00	4.0	244.2	029	9.80	85.70	84.6	86.8	61.40	0
5/28/19 20:00	2.8	237.2	027	4.99	84.50	82.6	85.3	64.08	0
5/28/19 21:00	1.3	258.5	038	3.11	81.50	79.9	82.7	71.05	0
5/28/19 22:00	2.9	291.9	033	8.06	81.40	79.4	83.7	62.26	0
5/28/19 23:00	1.3	317.6	040	8.38	78.20	76.7	79.4	66.95	0
5/29/19 0:00	2.3	26.9	055	8.89	75.65	73.8	77.2	72.52	0
5/29/19 1:00	0.7	31.7	030	2.89	72.83	72.0	74.2	77.76	0
5/29/19 2:00	2.9	24.0	010	8.61	70.57	69.8	72.1	86.10	0
5/29/19 3:00	0.3	343.3	008	2.61	69.35	68.8	70.3	85.50	0
5/29/19 4:00	0.4	114.8	010	3.30	68.83	68.2	70.2	87.50	0
5/29/19 5:00	0.0	0.0	000	0.00	67.96	67.5	68.8	91.00	0
5/29/19 6:00	1.5	26.0	005	8.79	68.35	67.2	69.9	91.20	0
5/29/19 7:00	1.2	142.4	023	3.34	72.74	69.8	75.7	81.70	0
5/29/19 8:00	1.9	207.3	030	6.87	78.88	75.8	80.8	66.82	0
5/29/19 9:00	4.5	228.5	028	10.81	81.70	80.7	82.4	61.88	0
5/29/19 10:00	6.1	225.4	026	12.46	82.80	82.1	84.0	59.93	0
5/29/19 11:00	6.7	239.8	029	14.43	85.10	84.0	86.3	55.34	0
5/29/19 12:00	7.2	253.1	031	16.17	87.00	85.9	87.8	51.42	0
5/29/19 13:00	7.9	263.6	030	18.05	88.40	87.8	89.1	46.25	0

5/29/19 14:00	7.9	224.6	032	15.07	88.60	87.8	89.4	48.84	0
5/29/19 15:00	8.7	229.3	027	21.25	88.70	87.7	89.3	48.75	0
5/29/19 16:00	8.5	229.6	027	17.27	88.70	88.1	89.4	48.24	0
5/29/19 17:00	9.5	250.3	025	21.57	88.40	87.2	89.6	49.54	0
5/29/19 18:00	10.9	273.7	020	21.43	86.20	85.1	87.4	42.60	0
5/29/19 19:00	9.2	281.9	018	20.61	84.30	83.0	85.5	43.98	0
5/29/19 20:00	7.9	284.1	016	15.80	82.60	81.7	83.4	45.79	0
5/29/19 21:00	4.5	265.8	021	12.23	81.10	80.4	81.7	48.18	0
5/29/19 22:00	4.2	305.9	021	9.30	79.96	78.7	80.8	49.53	0
5/29/19 23:00	3.0	357.5	048	7.28	77.38	75.9	78.9	57.34	0
5/30/19 0:00	0.9	341.4	009	4.58	74.31	73.4	75.9	70.89	0
5/30/19 1:00	1.9	315.4	052	7.79	74.91	73.5	75.7	70.63	0
5/30/19 2:00	5.2	312.0	018	11.54	74.94	73.7	75.6	69.89	0
5/30/19 3:00	2.4	314.4	020	4.86	72.78	72.0	73.8	75.28	0
5/30/19 4:00	1.3	344.6	017	4.58	71.18	69.8	72.5	79.72	0
5/30/19 5:00	1.7	334.6	013	5.27	69.75	68.7	70.7	83.70	0
5/30/19 6:00	1.7	326.4	018	5.77	70.94	69.6	72.9	78.43	0
5/30/19 7:00	3.5	282.3	022	8.52	74.13	72.9	75.7	69.13	0
5/30/19 8:00	4.4	273.1	032	9.25	76.36	75.5	77.6	63.69	0
5/30/19 9:00	5.2	277.3	026	12.96	77.74	76.8	79.0	61.84	0
5/30/19 10:00	6.3	282.8	026	12.50	80.20	79.1	80.9	59.26	0
5/30/19 11:00	6.7	279.6	029	12.78	81.30	80.5	82.2	57.42	0
5/30/19 12:00	4.7	266.7	037	13.01	83.10	81.3	84.6	54.90	0
5/30/19 13:00	6.1	222.5	038	13.97	84.20	83.7	85.5	52.63	0
5/30/19 14:00	5.9	235.3	031	21.21	82.20	76.7	84.9	60.14	0.02
5/30/19 15:00	7.4	239.2	024	17.72	76.76	74.0	78.3	76.47	0.01
5/30/19 16:00	3.4	230.8	029	9.11	73.23	72.9	74.2	84.60	0.01
5/30/19 17:00	5.0	246.4	024	9.85	74.58	74.1	75.3	82.90	0
5/30/19 18:00	4.0	246.6	023	8.79	74.51	74.0	75.1	80.30	0
5/30/19 19:00	5.3	266.0	039	19.37	74.08	71.8	74.7	80.70	0.03
5/30/19 20:00	5.7	286.9	020	15.76	71.64	71.3	72.2	84.90	0
5/30/19 21:00	5.2	280.1	021	11.95	71.58	71.1	72.1	84.00	0
5/30/19 22:00	5.8	294.2	016	13.05	70.69	70.2	71.1	83.80	0
5/30/19 23:00	6.8	284.4	020	13.88	70.00	69.7	70.5	78.40	0
5/31/19 0:00	6.7	305.3	016	13.10	69.13	68.2	70.0	75.84	0
5/31/19 1:00	5.5	303.6	015	11.63	68.27	67.9	68.7	76.76	0
5/31/19 2:00	2.8	286.9	037	9.02	67.09	65.7	68.2	78.46	0
5/31/19 3:00	4.4	296.1	030	10.99	67.36	66.5	68.1	76.26	0
5/31/19 4:00	2.8	234.2	030	6.28	67.85	67.0	68.6	73.88	0
5/31/19 5:00	1.1	271.1	026	3.21	65.32	64.1	66.9	81.20	0
5/31/19 6:00	1.9	194.5	078	6.64	66.18	64.6	67.1	80.60	0
5/31/19 7:00	4.0	274.2	027	9.30	70.10	66.9	71.5	71.71	0
5/31/19 8:00	5.4	299.3	024	12.78	72.36	71.5	72.9	67.57	0

5/31/19 9:00	8.5	320.0	017	14.66	73.24	72.4	74.0	64.57	0
5/31/19 10:00	7.9	314.7	020	15.85	74.87	73.7	75.9	61.47	0
5/31/19 11:00	7.5	328.3	025	15.34	76.19	75.5	77.4	58.84	0
5/31/19 12:00	7.4	317.2	025	16.08	77.73	75.7	79.2	55.08	0
5/31/19 13:00	6.5	309.8	026	13.65	78.78	77.7	80.5	51.52	0
5/31/19 14:00	6.0	337.8	034	13.33	80.40	79.4	81.6	46.82	0
5/31/19 15:00	3.6	344.4	048	11.08	81.60	79.6	83.2	41.91	0
5/31/19 16:00	2.6	2.3	028	6.00	80.70	80.2	81.4	42.99	0
5/31/19 17:00	2.0	38.6	030	4.35	81.40	79.8	82.9	43.54	0
5/31/19 18:00	1.9	29.2	030	5.08	79.80	77.6	81.5	48.12	0
5/31/19 19:00	0.9	28.8	024	2.66	76.77	75.8	78.1	58.80	0
5/31/19 20:00	1.2	33.4	017	3.53	75.12	72.5	76.6	58.49	0
5/31/19 21:00	1.2	18.7	012	4.08	71.51	70.2	72.6	70.56	0
5/31/19 22:00	0.7	41.5	030	4.12	69.45	68.3	70.8	80.40	0
5/31/19 23:00	2.5	31.9	021	6.00	68.49	68.0	69.3	85.10	0