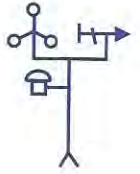




TECHNICAL ENVIRONMENTAL SERVICES, LLC



July 13, 2020

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 June 2020. All the instrumentation functioned normally during June. Data recovery for all the parameters was near 100%. June had a precipitation total of 6.03 inches.

Attached is a wind rose for the month of June 2020 and a table showing the data collection percentage for each parameter in 2020.

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

Best regards,

Mark Abrams
President - TES

GUDE DRIVE METEOROLOGICAL TOWER
DATA RECOVERY
JANUARY-JUNE 2020

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

Run Date: 7/14/2020 10:37:00 AM

WIND ROSE

(WINDS FROM)



0.00% PERCENT CALMS
(NOT INCLUDED IN PLOT)

Start Date: 6/1/2020 01:00

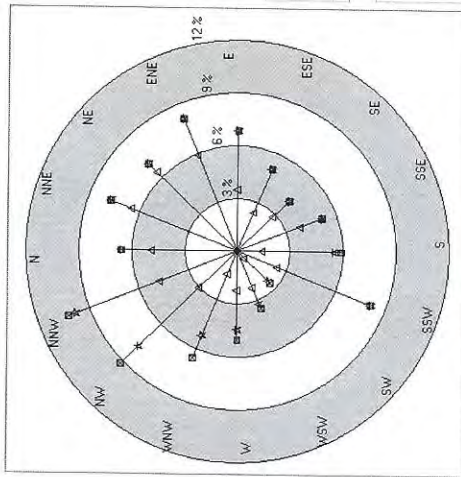
End Date: 6/30/2020 23:00

Sensors Selected

3M_WS
3M_WD

Legend

- △ WIND SPEED LESS THAN 3.5 MPH
- * WIND SPEED LESS THAN 7.5 MPH
- WIND SPEED LESS THAN 12.5 MPH
- x WIND SPEED GREATER THAN 12.5 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)	
6/1/20 0:00	3.7	335.3	011	5.95	58.4	57.62	59.25	46.03	0.00	13.2
6/1/20 1:00	3.9	337.5	012	6.78	57.3	56.76	58.03	47.21	0.00	13.13
6/1/20 2:00	2.4	347.7	022	4.49	55.6	54.92	56.76	50.59	0.00	13.07
6/1/20 3:00	1.2	0.4	025	3.11	53.3	51.90	54.92	56.06	0.00	13.03
6/1/20 4:00	0.8	9.4	019	2.47	51.5	50.94	51.96	60.44	0.00	12.98
6/1/20 5:00	1.5	9.7	019	3.30	50.5	49.94	50.96	63.14	0.00	12.95
6/1/20 6:00	1.7	16.0	015	3.76	49.2	47.74	50.28	66.38	0.00	12.93
6/1/20 7:00	1.5	22.1	017	3.02	48.7	47.50	51.02	70.69	0.00	12.98
6/1/20 8:00	2.5	336.2	013	4.90	53.3	51.00	56.00	63.28	0.00	13.93
6/1/20 9:00	4.1	329.8	022	9.43	57.7	55.98	58.68	49.13	0.00	13.84
6/1/20 10:00	4.0	319.8	032	9.43	59.9	58.49	60.99	44.13	0.00	13.78
6/1/20 11:00	3.0	320.4	082	9.02	62.2	60.43	63.78	40.31	0.00	13.75
6/1/20 12:00	4.3	328.4	053	11.72	64.1	62.75	65.36	37.06	0.00	13.71
6/1/20 13:00	4.4	308.4	051	12.92	65.8	64.72	67.49	36.22	0.00	13.68
6/1/20 14:00	5.9	326.5	037	14.93	67.3	66.09	68.86	35.06	0.00	13.68
6/1/20 15:00	6.9	322.4	031	16.30	67.8	66.32	69.57	35	0.00	13.68
6/1/20 16:00	6.8	311.0	030	16.49	69.3	68.02	70.65	34.05	0.00	13.65
6/1/20 17:00	5.5	297.1	040	16.26	70.7	69.66	71.66	33.09	0.00	13.62
6/1/20 18:00	6.0	290.6	040	16.53	71.4	70.64	72.43	32.47	0.00	13.62
6/1/20 19:00	4.7	276.8	032	11.04	71.2	70.37	71.96	32.24	0.00	13.62
6/1/20 20:00	3.3	251.6	030	7.97	70.2	68.76	71.08	33.06	0.00	13.62
6/1/20 21:00	1.7	202.8	022	3.76	67.5	66.06	68.94	38.47	0.00	13.48
6/1/20 22:00	3.5	232.8	023	8.29	66.1	65.15	66.76	38.67	0.00	13.37
6/1/20 23:00	3.0	251.6	025	6.64	65.1	63.25	65.94	39.52	0.00	13.27
6/2/20 0:00	0.8	8.9	048	2.34	60.9	59.31	63.24	50.03	0.00	13.2
6/2/20 1:00	0.9	12.5	045	2.24	58.3	56.42	60.18	56.08	0.00	13.13
6/2/20 2:00	1.0	359.7	046	2.93	56.9	55.34	58.25	60.68	0.00	13.07
6/2/20 3:00	0.8	53.7	021	2.47	54.0	52.54	55.66	72.09	0.00	13.02
6/2/20 4:00	0.8	71.2	042	2.24	52.5	51.20	54.41	77.3	0.00	12.98
6/2/20 5:00	0.8	94.6	052	3.02	54.3	51.26	55.77	71.52	0.00	12.94
6/2/20 6:00	0.8	167.8	080	3.02	54.6	52.98	56.28	73.12	0.00	12.92
6/2/20 7:00	0.5	116.0	028	2.61	55.4	54.87	55.81	75.2	0.00	12.93
6/2/20 8:00	1.9	231.9	044	4.03	57.4	55.76	58.30	69.16	0.00	13.46
6/2/20 9:00	2.4	242.4	022	5.59	58.3	57.67	59.06	69.04	0.00	13.84
6/2/20 10:00	2.1	281.0	032	5.27	60.0	59.03	61.25	67.48	0.00	13.81
6/2/20 11:00	3.1	319.0	020	7.19	62.4	61.21	64.12	58.65	0.00	13.78
6/2/20 12:00	1.7	343.9	063	6.18	66.4	64.14	68.56	51.13	0.00	13.69
6/2/20 13:00	2.4	326.8	093	10.81	70.1	67.94	72.56	44.3	0.00	13.62
6/2/20 14:00	4.6	223.3	034	10.21	71.4	70.57	72.58	35.43	0.00	13.59
6/2/20 15:00	4.9	210.7	028	11.50	71.1	70.74	71.57	38.68	0.00	13.59
6/2/20 16:00	5.6	195.9	029	12.60	71.6	70.91	72.42	37.83	0.00	13.59
6/2/20 17:00	5.7	195.2	028	13.42	73.0	71.88	74.47	42.16	0.00	13.59
6/2/20 18:00	6.0	197.8	026	13.05	74.7	74.06	75.58	41.93	0.00	13.59
6/2/20 19:00	5.0	200.3	030	12.41	76.1	75.61	76.33	41.9	0.00	13.59

6/2/20 20:00	4.0	199.1	026	11.54	75.9	75.29	76.25	42.74	0.00	13.59
6/2/20 21:00	2.2	188.7	020	5.68	73.7	72.46	75.46	47.62	0.00	13.43
6/2/20 22:00	1.8	201.9	022	4.44	71.6	71.01	72.48	53.32	0.00	13.31
6/2/20 23:00	0.8	194.6	040	3.62	70.0	69.19	71.05	59.08	0.00	13.22
6/3/20 0:00	0.4	138.5	027	2.15	68.3	67.57	69.19	64.56	0.00	13.15
6/3/20 1:00	0.7	137.4	015	2.02	67.1	65.29	68.70	69.29	0.00	13.08
6/3/20 2:00	0.7	295.1	023	2.34	65.6	64.62	66.58	73.64	0.00	13.03
6/3/20 3:00	1.8	293.8	028	3.89	66.8	64.05	67.95	72.63	0.00	12.99
6/3/20 4:00	3.0	278.8	022	5.04	68.0	66.60	69.33	70.04	0.00	12.95
6/3/20 5:00	2.3	263.2	021	4.58	69.7	68.71	70.88	65.96	0.00	12.93
6/3/20 6:00	2.3	272.0	022	3.85	69.6	68.52	70.89	66.93	0.00	12.92
6/3/20 7:00	1.5	257.8	021	4.81	70.1	69.29	71.89	67.02	0.00	12.94
6/3/20 8:00	1.9	163.2	030	4.86	71.6	70.84	72.48	67.92	0.00	13.68
6/3/20 9:00	3.5	215.5	028	9.02	75.4	72.12	80.30	62.49	0.00	13.62
6/3/20 10:00	6.7	265.5	028	18.64	81.5	80.40	82.60	50.11	0.00	13.56
6/3/20 11:00	8.6	276.3	024	16.03	84.3	82.20	86.30	48.15	0.00	13.53
6/3/20 12:00	9.1	282.2	030	21.21	85.7	84.60	87.10	47.58	0.00	13.5
6/3/20 13:00	8.1	283.3	023	16.08	86.2	84.80	88.30	48.42	0.00	13.49
6/3/20 14:00	8.0	293.8	034	16.44	88.1	86.90	89.40	47.13	0.00	13.46
6/3/20 15:00	8.9	279.2	033	16.72	89.6	88.40	91.10	44.61	0.00	13.44
6/3/20 16:00	10.2	290.2	021	21.85	91.3	90.30	92.10	38.18	0.00	13.44
6/3/20 17:00	11.8	301.5	019	26.38	90.7	89.50	91.50	37.91	0.00	13.44
6/3/20 18:00	9.3	304.1	020	19.47	90.1	89.00	90.90	41.32	0.00	13.44
6/3/20 19:00	9.6	296.9	016	19.28	89.6	87.80	90.90	41.63	0.00	13.44
6/3/20 20:00	7.2	296.8	015	16.40	86.9	85.70	88.00	45.4	0.00	13.44
6/3/20 21:00	5.7	294.4	014	10.81	84.6	83.50	85.70	48.17	0.00	13.3
6/3/20 22:00	4.0	291.6	014	9.71	82.6	81.60	83.70	50.46	0.00	13.18
6/3/20 23:00	4.2	295.8	013	10.90	81.6	80.70	82.50	51.59	0.00	13.1
6/4/20 0:00	6.9	296.5	014	13.37	82.2	81.90	82.60	49.97	0.00	13.05
6/4/20 1:00	7.0	303.6	012	13.42	81.2	80.20	82.20	51.68	0.00	13.01
6/4/20 2:00	5.5	302.3	013	12.64	79.3	78.16	80.20	55.67	0.00	12.99
6/4/20 3:00	3.1	309.1	017	6.87	77.4	76.99	78.24	60.3	0.00	12.97
6/4/20 4:00	2.3	341.3	049	6.37	76.7	74.80	77.45	62.33	0.00	12.95
6/4/20 5:00	0.9	8.0	047	3.21	73.8	71.67	74.82	69.11	0.00	12.95
6/4/20 6:00	1.5	38.5	066	3.34	72.2	69.95	74.09	73.84	0.00	12.95
6/4/20 7:00	1.6	7.1	021	4.49	72.4	70.46	73.81	74.75	0.00	12.99
6/4/20 8:00	0.8	50.9	043	2.43	73.1	72.13	74.23	82.2	0.00	13.67
6/4/20 9:00	0.7	77.8	050	2.06	75.4	74.24	76.32	77.6	0.00	13.63
6/4/20 10:00	1.4	144.7	061	3.85	79.8	75.83	81.70	64.95	0.00	13.56
6/4/20 11:00	2.2	162.9	037	9.07	81.2	80.40	82.30	62.19	0.00	13.55
6/4/20 12:00	4.1	192.5	038	11.08	83.0	81.60	84.10	56.9	0.00	13.5
6/4/20 13:00	3.4	233.9	063	11.08	85.3	83.50	86.70	50.78	0.00	13.48
6/4/20 14:00	4.0	222.3	053	9.80	86.3	85.30	87.50	49.09	0.00	13.47
6/4/20 15:00	4.8	202.6	041	12.82	87.9	87.00	88.70	46.69	0.00	13.44
6/4/20 16:00	6.5	195.3	035	13.69	88.1	87.10	89.00	43.43	0.00	13.44
6/4/20 17:00	6.7	191.2	032	17.08	88.6	87.70	89.00	42.07	0.00	13.44

6/4/20 18:00	6.5	193.8	028	15.43	88.2	87.50	89.10	45.24	0.00	13.44
6/4/20 19:00	4.8	186.6	025	13.74	87.0	86.30	87.90	50.25	0.00	13.44
6/4/20 20:00	5.9	221.3	038	25.42	83.8	73.34	86.60	59.4	0.01	13.36
6/4/20 21:00	5.7	207.9	060	18.46	70.9	68.36	73.32	86	0.08	13.24
6/4/20 22:00	2.1	117.5	065	8.47	68.1	67.79	68.51	95.5	0.02	13.15
6/4/20 23:00	3.6	324.0	076	12.60	68.2	67.76	68.88	97.4	0.84	13.08
6/5/20 0:00	1.8	118.7	085	4.67	67.7	67.54	68.09	99.3	0.20	13.03
6/5/20 1:00	3.4	332.0	041	8.79	68.4	68.06	68.78	99.2	0.12	12.99
6/5/20 2:00	4.3	270.6	053	9.02	68.7	68.55	68.92	97.3	0.25	12.96
6/5/20 3:00	2.2	136.5	057	5.45	68.1	67.71	68.63	98.8	0.03	12.95
6/5/20 4:00	2.5	208.2	039	7.19	67.9	67.67	68.12	99.6	0.00	12.94
6/5/20 5:00	1.2	206.0	060	3.21	67.7	67.41	67.99	98.8	0.00	12.93
6/5/20 6:00	1.6	195.0	029	4.40	67.6	67.51	67.81	99.3	0.00	12.93
6/5/20 7:00	2.5	201.0	025	6.60	68.2	67.75	68.74	98.9	0.00	12.97
6/5/20 8:00	1.6	179.0	033	4.86	69.6	68.71	70.16	96.9	0.00	13.7
6/5/20 9:00	1.1	117.8	069	4.53	72.2	70.02	74.11	91.4	0.00	13.65
6/5/20 10:00	3.4	200.5	033	9.11	73.8	73.09	74.52	87.4	0.00	13.61
6/5/20 11:00	2.6	204.4	039	7.69	75.6	74.16	77.63	84.3	0.00	13.59
6/5/20 12:00	4.1	197.5	034	11.22	78.4	77.08	79.56	78.91	0.00	13.53
6/5/20 13:00	4.7	211.3	037	10.12	80.3	79.48	81.80	73.81	0.00	13.52
6/5/20 14:00	5.3	199.4	041	13.14	82.4	81.10	83.60	68.29	0.00	13.5
6/5/20 15:00	5.1	186.4	035	14.61	83.1	81.80	84.10	64.6	0.00	13.49
6/5/20 16:00	6.7	193.8	029	14.15	85.1	84.10	86.00	58.42	0.00	13.47
6/5/20 17:00	7.7	249.9	081	18.46	81.0	72.77	85.60	65.49	0.00	13.47
6/5/20 18:00	8.8	347.8	022	20.47	70.1	69.35	72.76	95.9	1.22	13.44
6/5/20 19:00	5.0	33.1	078	12.96	70.0	69.68	70.20	98	0.57	13.32
6/5/20 20:00	1.6	147.3	040	5.22	69.9	69.69	70.18	99.7	0.08	13.32
6/5/20 21:00	0.5	102.5	056	2.24	70.2	69.95	70.38	99.7	0.00	13.31
6/5/20 22:00	1.5	159.6	027	3.62	70.1	69.97	70.29	99.7	0.00	13.21
6/5/20 23:00	1.6	202.7	047	4.17	70.4	70.23	70.56	99.7	0.00	13.12
6/6/20 0:00	2.2	311.0	022	5.36	70.5	70.35	70.60	99.6	0.00	13.06
6/6/20 1:00	1.4	262.1	030	2.98	70.4	70.12	70.52	99.5	0.00	13.02
6/6/20 2:00	1.2	259.8	051	3.48	70.2	69.98	70.34	99.7	0.01	12.98
6/6/20 3:00	1.5	304.1	029	4.58	69.6	69.01	70.13	99.8	0.00	12.96
6/6/20 4:00	2.0	257.7	025	4.17	69.5	69.30	69.63	100	0.00	12.95
6/6/20 5:00	2.3	247.3	025	6.23	69.3	69.11	69.41	100	0.00	12.94
6/6/20 6:00	3.0	264.5	021	7.19	69.2	69.08	69.31	100	0.00	12.93
6/6/20 7:00	2.8	286.8	020	5.91	69.3	69.17	69.55	100	0.00	12.96
6/6/20 8:00	3.6	290.8	030	10.67	71.2	69.46	72.19	96.4	0.00	13.65
6/6/20 9:00	5.2	307.8	017	9.48	72.7	71.69	74.10	89.6	0.00	13.64
6/6/20 10:00	5.6	311.4	019	10.08	75.0	74.06	76.85	84.5	0.00	13.61
6/6/20 11:00	7.1	313.2	019	13.37	77.7	76.10	79.06	77.69	0.00	13.58
6/6/20 12:00	6.7	317.1	019	13.51	79.8	78.63	80.90	73.88	0.00	13.55
6/6/20 13:00	6.7	305.6	026	14.70	81.1	80.30	82.30	70.83	0.00	13.52
6/6/20 14:00	6.9	299.1	025	15.07	83.0	82.30	83.90	66.33	0.00	13.5
6/6/20 15:00	7.0	294.3	026	13.14	84.8	82.90	86.30	61.52	0.00	13.47

6/6/20 16:00	8.2	281.8	023	15.39	85.4	84.10	86.60	58.01	0.00	13.47
6/6/20 17:00	9.1	306.9	017	19.01	86.5	85.30	87.40	50.18	0.00	13.47
6/6/20 18:00	9.2	312.4	018	16.58	86.8	86.30	87.60	45.3	0.00	13.47
6/6/20 19:00	8.6	316.1	015	17.13	86.3	85.00	87.10	43.64	0.00	13.47
6/6/20 20:00	7.7	329.7	013	14.38	84.1	83.10	85.00	42.79	0.00	13.47
6/6/20 21:00	4.9	336.9	011	12.23	81.5	80.10	83.10	41.37	0.00	13.37
6/6/20 22:00	3.8	340.1	011	6.41	78.7	77.29	80.20	43.78	0.00	13.24
6/6/20 23:00	2.5	347.7	016	6.23	75.8	74.24	77.32	46.64	0.00	13.15
6/7/20 0:00	2.8	344.8	013	5.13	73.8	72.55	74.85	48.18	0.00	13.09
6/7/20 1:00	1.5	20.8	036	3.80	70.5	69.11	72.53	57.58	0.00	13.04
6/7/20 2:00	1.2	346.8	027	4.72	70.0	68.84	71.23	55.11	0.00	13
6/7/20 3:00	3.2	334.0	019	8.02	69.1	67.58	70.54	56.92	0.00	12.97
6/7/20 4:00	2.9	343.9	032	9.80	68.4	67.72	69.25	58.86	0.00	12.95
6/7/20 5:00	0.8	14.7	040	4.63	66.1	64.13	68.20	60.54	0.00	12.95
6/7/20 6:00	1.6	358.8	037	4.35	62.5	60.88	64.56	69.43	0.00	12.94
6/7/20 7:00	2.7	341.4	017	5.45	62.3	60.87	64.32	70.78	0.00	12.99
6/7/20 8:00	2.4	327.4	012	4.21	66.0	64.33	68.26	64.4	0.00	13.76
6/7/20 9:00	3.5	344.6	026	8.93	69.6	68.26	70.49	56.67	0.00	13.68
6/7/20 10:00	5.0	358.8	032	11.45	71.2	70.29	71.98	54.46	0.00	13.65
6/7/20 11:00	5.6	5.4	036	14.06	72.2	71.46	72.90	52.55	0.00	13.64
6/7/20 12:00	6.3	345.7	027	14.34	73.0	72.05	74.09	49.09	0.00	13.61
6/7/20 13:00	6.2	345.3	032	13.47	74.6	73.96	75.63	45.62	0.00	13.61
6/7/20 14:00	6.7	339.3	032	14.43	75.4	74.42	76.57	44.7	0.00	13.59
6/7/20 15:00	6.4	327.6	028	14.89	76.4	75.42	77.41	46.26	0.00	13.58
6/7/20 16:00	6.8	332.2	023	15.85	76.6	75.36	77.50	44.02	0.00	13.58
6/7/20 17:00	6.7	336.0	023	14.79	77.1	75.72	78.11	41.79	0.00	13.56
6/7/20 18:00	5.5	350.6	025	12.46	77.1	76.29	77.72	40.37	0.00	13.55
6/7/20 19:00	4.0	352.6	025	12.92	76.9	75.81	77.91	40.7	0.00	13.55
6/7/20 20:00	2.6	3.2	026	8.20	76.4	75.07	77.10	42.72	0.00	13.56
6/7/20 21:00	1.4	33.7	013	4.12	73.1	71.04	75.06	48.22	0.00	13.44
6/7/20 22:00	1.1	26.2	012	3.21	68.8	65.52	71.67	60	0.00	13.32
6/7/20 23:00	1.9	55.3	048	4.63	65.4	62.50	68.03	67.39	0.00	13.23
6/8/20 0:00	1.7	47.0	041	5.27	63.2	61.06	66.35	75.99	0.00	13.15
6/8/20 1:00	2.0	30.2	027	4.31	60.8	59.34	62.44	87.6	0.00	13.09
6/8/20 2:00	2.2	0.7	052	6.32	60.4	58.33	62.64	84.2	0.00	13.03
6/8/20 3:00	2.2	27.8	029	3.94	59.9	58.42	61.00	81.4	0.00	12.99
6/8/20 4:00	1.8	20.8	024	5.77	58.4	58.05	58.71	86.9	0.00	12.96
6/8/20 5:00	1.6	34.7	025	5.04	58.5	58.30	58.62	79.51	0.00	12.94
6/8/20 6:00	1.2	27.5	030	2.57	57.4	56.57	58.31	79.84	0.00	12.93
6/8/20 7:00	1.2	14.0	035	3.85	57.9	56.31	60.90	79.9	0.00	12.99
6/8/20 8:00	1.6	36.6	027	6.23	62.6	60.90	64.54	66.74	0.00	13.8
6/8/20 9:00	2.4	33.4	033	6.50	66.5	64.44	67.83	55.03	0.00	13.72
6/8/20 10:00	3.5	32.1	033	7.92	68.1	67.11	68.87	48.15	0.00	13.68
6/8/20 11:00	3.2	48.1	045	12.37	70.0	68.82	71.17	46.41	0.00	13.65
6/8/20 12:00	3.5	345.7	058	11.04	71.8	70.88	73.03	46.7	0.00	13.62
6/8/20 13:00	3.1	317.5	061	9.62	73.6	72.33	74.61	44.68	0.00	13.61

6/8/20 14:00	4.7	310.7	050	9.94	75.2	74.02	76.32	43.02	0.00	13.61
6/8/20 15:00	4.0	319.3	058	12.41	76.5	75.55	78.04	41.2	0.00	13.59
6/8/20 16:00	4.2	322.7	052	10.67	77.9	77.09	78.97	39.12	0.00	13.56
6/8/20 17:00	3.7	336.3	036	9.21	78.5	77.86	79.12	38.68	0.00	13.55
6/8/20 18:00	2.6	353.3	047	7.74	79.3	78.58	80.60	39.38	0.00	13.53
6/8/20 19:00	1.6	78.0	038	4.12	79.0	78.24	79.79	41.58	0.00	13.53
6/8/20 20:00	1.9	71.9	018	3.25	77.1	76.08	78.27	45.24	0.00	13.53
6/8/20 21:00	1.0	114.4	030	3.16	73.6	71.79	76.34	50.3	0.00	13.42
6/8/20 22:00	1.6	41.4	019	4.40	70.1	65.30	72.50	56.82	0.00	13.3
6/8/20 23:00	2.0	86.2	021	3.99	66.0	64.80	67.25	71.32	0.00	13.21
6/9/20 0:00	1.0	116.7	033	3.99	65.8	65.26	66.42	69.88	0.00	13.14
6/9/20 1:00	1.8	71.3	022	3.99	64.0	60.74	66.34	75.92	0.00	13.08
6/9/20 2:00	1.5	16.2	035	3.30	60.5	58.96	61.46	88.7	0.00	13.03
6/9/20 3:00	1.6	36.7	014	3.39	58.8	58.23	59.76	94.2	0.00	12.99
6/9/20 4:00	1.2	35.0	036	3.48	57.7	57.29	58.21	97.2	0.00	12.96
6/9/20 5:00	1.4	38.6	017	3.02	57.5	57.15	57.78	97.5	0.00	12.93
6/9/20 6:00	0.7	57.1	023	2.43	57.1	56.91	57.25	98.3	0.00	12.92
6/9/20 7:00	1.1	5.1	043	2.61	58.6	57.05	60.66	96.4	0.00	13.01
6/9/20 8:00	0.3	66.2	040	2.61	67.7	60.67	71.93	77.99	0.00	13.75
6/9/20 9:00	3.5	171.3	049	9.62	72.6	71.41	73.96	66.99	0.00	13.65
6/9/20 10:00	3.8	188.8	038	10.17	76.2	73.94	77.66	61.01	0.00	13.59
6/9/20 11:00	4.2	192.0	035	9.39	79.1	77.50	80.50	57.28	0.00	13.56
6/9/20 12:00	4.2	198.9	037	10.21	80.9	80.00	82.60	58.61	0.00	13.53
6/9/20 13:00	4.3	219.0	037	10.90	83.0	82.10	84.30	57.73	0.00	13.52
6/9/20 14:00	5.2	192.6	035	12.50	84.6	83.80	86.00	56.71	0.00	13.5
6/9/20 15:00	5.1	204.2	044	12.78	86.1	85.30	86.90	55.46	0.00	13.47
6/9/20 16:00	5.1	208.5	035	12.00	86.4	85.60	87.30	55.68	0.00	13.47
6/9/20 17:00	5.0	192.7	035	13.10	87.1	86.50	87.90	56.16	0.00	13.44
6/9/20 18:00	4.0	172.0	032	10.44	87.3	86.30	88.00	56.74	0.00	13.44
6/9/20 19:00	4.2	203.0	031	10.40	86.9	86.00	87.60	57.3	0.00	13.44
6/9/20 20:00	5.6	189.2	025	12.46	85.4	84.70	86.10	61.11	0.00	13.44
6/9/20 21:00	3.6	186.5	025	9.30	83.7	82.70	84.70	64.1	0.00	13.31
6/9/20 22:00	3.3	185.0	022	7.97	82.1	81.30	82.90	66.28	0.00	13.2
6/9/20 23:00	2.6	168.5	024	7.60	80.5	79.96	81.40	70.54	0.00	13.12
6/10/20 0:00	3.2	191.5	024	7.65	79.3	78.74	79.96	74.67	0.00	13.06
6/10/20 1:00	2.5	187.3	024	6.23	78.4	77.94	78.98	76.26	0.00	13.02
6/10/20 2:00	2.9	185.4	026	7.47	77.6	76.93	78.04	77.01	0.00	12.98
6/10/20 3:00	1.8	174.4	026	5.63	76.3	75.69	77.05	79.22	0.00	12.96
6/10/20 4:00	1.6	150.1	022	4.86	74.8	74.02	75.73	83.2	0.00	12.95
6/10/20 5:00	2.9	172.2	025	7.28	74.1	73.94	74.26	85.9	0.00	12.94
6/10/20 6:00	3.3	184.9	026	7.79	73.9	73.72	74.10	88.8	0.00	12.94
6/10/20 7:00	3.3	209.4	027	7.24	74.3	73.81	74.70	89.8	0.00	12.97
6/10/20 8:00	4.6	206.3	024	11.08	75.3	74.62	75.74	89.3	0.00	13.62
6/10/20 9:00	4.8	204.6	025	11.86	76.3	75.69	76.97	88.2	0.00	13.61
6/10/20 10:00	5.4	216.4	028	11.18	78.3	76.90	80.80	84.1	0.00	13.58
6/10/20 11:00	4.9	198.9	032	11.63	81.8	79.68	83.40	77.05	0.00	13.53

6/10/20 12:00	5.1	185.1	034	12.87	84.0	82.70	85.10	73.4	0.00	13.47
6/10/20 13:00	6.0	175.0	031	14.01	85.0	84.10	86.30	71.29	0.00	13.47
6/10/20 14:00	7.2	182.5	032	19.01	85.3	84.40	86.20	68.72	0.00	13.47
6/10/20 15:00	7.4	181.7	028	18.59	85.5	84.40	86.80	67.03	0.00	13.46
6/10/20 16:00	8.4	191.0	030	18.37	87.0	86.30	87.70	63.79	0.00	13.46
6/10/20 17:00	7.5	186.9	028	16.17	86.9	86.10	88.40	65.53	0.00	13.46
6/10/20 18:00	7.1	185.4	028	20.93	86.7	86.10	87.30	65.75	0.00	13.46
6/10/20 19:00	6.3	182.1	027	14.11	86.4	85.80	87.30	66	0.00	13.46
6/10/20 20:00	8.2	190.5	029	26.52	85.2	78.13	85.80	67.72	0.00	13.36
6/10/20 21:00	4.3	186.0	043	24.00	73.1	72.54	78.02	94.4	0.21	13.25
6/10/20 22:00	3.1	142.0	020	9.39	73.4	72.67	75.17	95.8	0.00	13.15
6/10/20 23:00	4.1	192.4	029	12.37	76.4	75.14	77.05	91.3	0.03	13.07
6/11/20 0:00	4.3	185.6	027	12.23	76.0	75.50	76.38	95.7	0.36	13.02
6/11/20 1:00	5.7	181.9	025	15.11	75.6	75.29	75.91	97.5	0.12	12.99
6/11/20 2:00	6.2	184.4	024	14.89	75.2	75.02	75.43	97.8	0.13	12.96
6/11/20 3:00	6.1	191.8	025	14.29	74.7	74.51	75.06	98.2	0.10	12.95
6/11/20 4:00	6.2	191.1	025	12.60	74.6	74.43	74.67	97.7	0.02	12.94
6/11/20 5:00	6.2	196.3	024	14.11	74.7	74.58	74.93	96.7	0.00	12.94
6/11/20 6:00	5.8	200.8	026	14.06	75.1	74.93	75.24	95.1	0.00	12.94
6/11/20 7:00	6.1	210.2	024	13.83	75.5	75.15	75.84	93.2	0.00	12.95
6/11/20 8:00	5.6	216.9	025	12.05	75.9	75.77	76.16	92.3	0.00	13.21
6/11/20 9:00	5.1	224.4	029	11.59	77.1	76.12	78.22	89.9	0.00	13.61
6/11/20 10:00	7.2	289.7	050	13.79	75.9	72.52	78.34	81.9	0.00	13.58
6/11/20 11:00	2.9	300.0	038	9.07	72.0	70.62	74.38	89.4	0.07	13.58
6/11/20 12:00	4.7	307.3	025	13.83	77.8	74.37	79.38	77.15	0.00	13.58
6/11/20 13:00	7.7	316.1	020	14.34	80.2	79.20	81.60	64.37	0.00	13.55
6/11/20 14:00	7.5	319.9	020	14.79	81.1	80.10	82.60	59.48	0.00	13.53
6/11/20 15:00	6.3	331.6	016	12.05	79.3	78.78	81.00	58.69	0.00	13.52
6/11/20 16:00	4.7	337.1	022	11.82	79.9	78.91	81.70	58.65	0.00	13.52
6/11/20 17:00	5.5	332.3	019	12.37	81.1	80.20	82.30	55.62	0.00	13.52
6/11/20 18:00	4.5	324.4	022	8.66	80.7	80.00	82.10	55.39	0.00	13.52
6/11/20 19:00	5.6	329.9	018	10.49	80.4	79.65	81.50	52.82	0.00	13.52
6/11/20 20:00	3.0	359.3	035	10.99	78.9	77.66	80.60	56.72	0.00	13.52
6/11/20 21:00	3.8	343.7	016	8.75	78.2	77.67	78.92	55.82	0.00	13.42
6/11/20 22:00	1.6	348.8	048	4.03	76.9	76.03	77.88	57.19	0.00	13.28
6/11/20 23:00	2.9	341.4	013	4.63	75.5	72.32	76.89	57.62	0.00	13.19
6/12/20 0:00	2.9	337.6	010	5.77	73.2	72.29	74.12	62.47	0.00	13.11
6/12/20 1:00	2.2	337.9	016	4.44	72.1	71.45	73.06	65.46	0.00	13.05
6/12/20 2:00	2.3	334.7	010	4.35	71.3	70.24	71.96	64.29	0.00	13.01
6/12/20 3:00	3.6	332.0	009	5.73	70.0	68.95	71.04	64.62	0.00	12.98
6/12/20 4:00	2.8	331.0	017	5.54	68.4	66.96	69.08	64.12	0.00	12.96
6/12/20 5:00	2.7	328.1	013	5.04	66.2	65.09	66.95	68.37	0.00	12.95
6/12/20 6:00	3.4	344.2	013	5.31	66.0	65.26	66.47	67.2	0.00	12.94
6/12/20 7:00	1.7	356.9	013	3.44	66.1	65.07	68.76	69.04	0.00	12.99
6/12/20 8:00	1.7	325.9	008	5.77	70.0	68.78	71.00	65.43	0.00	13.63
6/12/20 9:00	5.3	322.4	015	9.11	72.7	70.96	74.19	56.71	0.00	13.65

6/12/20 10:00	7.0	322.3	016	11.72	74.7	74.12	75.43	52.78	0.00	13.59
6/12/20 11:00	7.0	326.0	019	11.95	76.4	75.17	77.60	50.19	0.00	13.58
6/12/20 12:00	5.4	327.4	026	13.10	78.5	77.17	79.44	43.74	0.00	13.57
6/12/20 13:00	6.4	331.2	029	15.62	79.8	79.09	80.60	38.45	0.00	13.55
6/12/20 14:00	5.7	324.1	042	13.65	80.7	80.00	81.80	39.04	0.00	13.55
6/12/20 15:00	5.3	305.1	043	15.94	81.1	79.71	82.20	39.67	0.00	13.52
6/12/20 16:00	5.8	273.0	035	14.93	82.2	80.80	83.60	37.82	0.00	13.52
6/12/20 17:00	5.8	268.6	039	13.37	82.7	81.10	83.80	36.96	0.00	13.5
6/12/20 18:00	6.3	304.2	022	13.42	83.2	81.30	83.80	36.58	0.00	13.49
6/12/20 19:00	6.3	311.5	021	13.24	82.3	80.40	83.80	36.74	0.00	13.49
6/12/20 20:00	5.0	339.2	018	13.47	80.7	79.72	81.40	38.15	0.00	13.5
6/12/20 21:00	4.4	341.9	013	8.84	78.4	77.13	79.71	38.68	0.00	13.39
6/12/20 22:00	3.1	353.5	019	6.50	74.9	73.48	77.22	44.1	0.00	13.27
6/12/20 23:00	4.5	343.1	017	10.53	72.8	71.89	73.46	46.65	0.00	13.17
6/13/20 0:00	4.9	344.0	019	11.54	71.3	70.44	72.00	46.77	0.00	13.1
6/13/20 1:00	3.0	345.9	019	8.79	69.1	67.99	70.67	47.92	0.00	13.04
6/13/20 2:00	4.0	349.3	021	8.93	67.9	67.23	68.38	44.48	0.00	13
6/13/20 3:00	2.7	345.7	021	6.28	65.4	64.09	67.22	47.95	0.00	12.97
6/13/20 4:00	2.3	359.6	033	6.82	63.0	61.59	64.11	51.84	0.00	12.95
6/13/20 5:00	1.0	5.1	040	4.12	60.6	59.67	61.65	55.93	0.00	12.93
6/13/20 6:00	1.3	41.8	038	3.94	58.8	58.15	59.70	60.13	0.00	12.93
6/13/20 7:00	1.7	9.6	034	5.86	59.8	58.09	61.41	58.56	0.00	12.98
6/13/20 8:00	2.9	36.3	031	9.76	62.6	61.38	63.35	56.95	0.00	13.79
6/13/20 9:00	3.5	40.6	032	9.34	64.4	63.19	65.98	56.26	0.00	13.74
6/13/20 10:00	3.8	44.8	034	10.08	66.6	65.50	68.39	53.65	0.00	13.71
6/13/20 11:00	3.9	19.9	039	10.72	68.4	67.52	69.32	50.71	0.00	13.67
6/13/20 12:00	4.5	18.2	045	13.42	69.8	69.23	70.55	49.77	0.00	13.64
6/13/20 13:00	5.2	18.3	042	13.37	70.7	69.97	71.45	49.98	0.00	13.64
6/13/20 14:00	4.8	0.6	046	10.85	71.6	70.61	72.60	49.43	0.00	13.64
6/13/20 15:00	3.9	38.8	055	11.63	72.2	71.16	73.22	50.36	0.00	13.61
6/13/20 16:00	3.0	42.0	048	10.76	72.8	71.99	73.79	50.8	0.00	13.61
6/13/20 17:00	3.0	15.3	041	8.47	73.5	72.28	74.65	49.75	0.00	13.58
6/13/20 18:00	2.7	22.5	045	6.92	73.9	71.99	75.20	49.58	0.00	13.58
6/13/20 19:00	2.5	45.1	028	5.27	72.0	70.90	73.58	51.91	0.00	13.59
6/13/20 20:00	2.4	45.6	024	8.02	70.6	69.09	71.75	53.09	0.00	13.61
6/13/20 21:00	1.6	44.0	019	4.76	68.3	67.43	69.11	55.49	0.00	13.46
6/13/20 22:00	1.4	43.2	019	3.94	66.7	66.05	67.61	56.18	0.00	13.34
6/13/20 23:00	1.7	43.7	031	5.40	65.6	65.16	66.23	53.89	0.00	13.24
6/14/20 0:00	2.0	68.9	027	5.59	65.1	64.67	65.51	47	0.00	13.16
6/14/20 1:00	1.5	82.3	022	4.12	63.9	63.24	64.67	45.82	0.00	13.09
6/14/20 2:00	1.7	29.4	037	4.03	61.9	61.26	63.46	53.96	0.00	13.03
6/14/20 3:00	2.5	65.0	027	6.46	61.6	61.04	62.12	51.48	0.00	12.99
6/14/20 4:00	2.4	58.2	025	6.96	60.8	60.23	61.20	51.9	0.00	12.96
6/14/20 5:00	2.2	46.1	030	5.08	60.0	59.35	60.26	52.08	0.00	12.94
6/14/20 6:00	1.9	26.4	038	4.63	58.4	57.86	59.38	56.65	0.00	12.93
6/14/20 7:00	2.8	58.8	037	7.24	58.2	57.82	58.60	60.18	0.00	12.97

6/14/20 8:00	3.0	71.1	031	9.53	58.5	58.27	59.17	62.85	0.00	13.83
6/14/20 9:00	4.2	78.7	028	10.53	59.4	58.79	60.37	62.21	0.00	13.8
6/14/20 10:00	4.1	91.7	032	9.89	61.6	60.21	62.37	60.26	0.00	13.77
6/14/20 11:00	3.1	88.3	052	9.80	64.3	61.80	66.07	58.59	0.00	13.71
6/14/20 12:00	3.7	68.9	061	9.85	66.5	65.25	67.88	56.65	0.00	13.65
6/14/20 13:00	2.5	55.8	061	7.10	67.8	67.07	69.13	56.29	0.00	13.65
6/14/20 14:00	4.0	69.0	052	10.81	69.4	68.02	70.65	55.76	0.00	13.64
6/14/20 15:00	4.2	81.4	039	10.95	71.5	70.13	73.04	51.97	0.00	13.62
6/14/20 16:00	4.1	94.9	045	8.89	72.6	71.26	73.56	48.93	0.00	13.59
6/14/20 17:00	3.7	79.1	043	11.63	72.0	71.03	73.06	48.97	0.00	13.59
6/14/20 18:00	3.3	84.3	033	8.20	71.7	70.44	73.30	50.07	0.00	13.59
6/14/20 19:00	3.6	87.0	023	9.11	70.4	69.47	71.79	51.8	0.00	13.59
6/14/20 20:00	2.6	77.7	023	6.55	69.1	68.35	69.58	52.03	0.00	13.62
6/14/20 21:00	2.6	85.6	018	6.23	67.9	67.02	68.41	56.67	0.00	13.48
6/14/20 22:00	2.4	93.2	016	5.31	66.2	65.43	67.02	59.99	0.00	13.36
6/14/20 23:00	2.7	103.7	021	8.29	64.7	64.20	65.43	63.3	0.00	13.26
6/15/20 0:00	4.1	122.4	017	9.89	64.2	63.19	64.71	64.39	0.00	13.17
6/15/20 1:00	3.0	113.0	018	9.02	62.3	61.48	63.19	66.25	0.00	13.1
6/15/20 2:00	2.2	95.2	025	6.23	60.8	59.98	61.56	65.29	0.00	13.05
6/15/20 3:00	2.0	40.7	040	3.53	58.0	55.89	60.03	75.22	0.00	13
6/15/20 4:00	1.9	21.5	018	4.81	55.3	54.61	55.89	88.4	0.00	12.96
6/15/20 5:00	1.4	21.8	025	3.53	56.0	55.24	56.54	88.1	0.00	12.93
6/15/20 6:00	1.5	39.0	025	4.12	56.4	56.19	56.67	87.3	0.00	12.92
6/15/20 7:00	1.6	28.9	031	4.90	57.4	56.64	58.23	85.2	0.00	12.97
6/15/20 8:00	2.9	34.3	027	7.92	59.6	58.23	61.00	79.78	0.00	13.82
6/15/20 9:00	3.6	67.2	031	8.98	62.4	60.80	63.67	73.71	0.00	13.77
6/15/20 10:00	3.9	87.6	031	12.50	64.5	63.14	65.75	65.78	0.00	13.74
6/15/20 11:00	5.1	92.9	027	10.67	66.6	65.55	67.63	57.5	0.00	13.71
6/15/20 12:00	5.5	96.5	031	14.01	68.6	67.43	70.44	54.34	0.00	13.65
6/15/20 13:00	5.6	89.7	031	14.61	70.2	69.24	71.72	52.15	0.00	13.65
6/15/20 14:00	6.3	89.5	032	13.69	71.7	70.51	72.75	48.73	0.00	13.64
6/15/20 15:00	5.0	101.1	036	11.68	73.1	72.21	74.16	47.09	0.00	13.61
6/15/20 16:00	6.1	113.4	028	15.30	73.6	72.98	74.36	42.5	0.00	13.59
6/15/20 17:00	5.5	114.5	031	12.32	74.1	73.57	74.66	42.53	0.00	13.58
6/15/20 18:00	5.2	115.1	029	11.86	73.8	73.36	74.42	44.05	0.00	13.58
6/15/20 19:00	3.4	110.1	024	8.43	72.8	72.11	73.60	47.93	0.00	13.59
6/15/20 20:00	2.9	87.4	022	9.02	71.2	69.92	72.58	51.85	0.00	13.59
6/15/20 21:00	2.3	67.6	019	4.67	69.1	68.51	70.03	54.49	0.00	13.48
6/15/20 22:00	3.7	123.7	026	10.99	67.6	67.00	68.52	59.49	0.00	13.35
6/15/20 23:00	3.9	127.9	020	8.98	66.2	65.57	67.03	62.87	0.00	13.25
6/16/20 0:00	3.3	118.4	021	9.66	65.0	64.60	65.60	64.16	0.00	13.16
6/16/20 1:00	3.2	101.0	022	8.24	64.3	63.67	64.67	63.7	0.00	13.09
6/16/20 2:00	2.0	66.5	026	4.81	62.7	61.61	63.69	69.06	0.00	13.04
6/16/20 3:00	2.2	70.5	024	5.63	61.5	61.07	61.68	71.39	0.00	12.99
6/16/20 4:00	1.8	27.8	019	4.44	60.5	59.82	61.08	73.73	0.00	12.96
6/16/20 5:00	1.9	28.0	024	4.86	59.3	59.03	59.86	76.54	0.00	12.93

6/16/20 6:00	2.1	38.8	028	6.41	58.6	58.25	59.03	74.87	0.00	12.92
6/16/20 7:00	1.9	19.4	034	5.27	58.3	58.14	58.64	75.98	0.00	12.94
6/16/20 8:00	2.9	18.7	031	7.92	59.3	58.59	60.93	74.4	0.00	13.35
6/16/20 9:00	3.3	63.3	038	10.81	63.6	60.96	65.37	63.94	0.00	13.74
6/16/20 10:00	4.9	82.8	031	13.24	66.0	64.56	67.33	57.67	0.00	13.71
6/16/20 11:00	4.9	57.9	035	12.60	68.5	66.65	70.06	54.04	0.00	13.68
6/16/20 12:00	5.2	62.8	037	13.79	69.3	68.42	70.49	53.93	0.00	13.65
6/16/20 13:00	4.4	59.1	035	11.95	70.3	69.43	71.57	54.26	0.00	13.64
6/16/20 14:00	5.3	92.4	033	12.73	72.0	70.66	73.60	50.91	0.00	13.61
6/16/20 15:00	5.4	110.0	028	13.05	71.7	70.89	72.97	50.74	0.00	13.61
6/16/20 16:00	6.0	109.8	023	13.69	72.7	71.88	74.04	51.11	0.00	13.61
6/16/20 17:00	6.0	91.4	031	12.50	72.8	72.09	73.44	50.17	0.00	13.59
6/16/20 18:00	5.1	94.9	030	13.01	72.6	72.25	72.87	50.78	0.00	13.59
6/16/20 19:00	5.0	106.9	022	11.31	71.6	71.06	72.25	50.82	0.00	13.59
6/16/20 20:00	4.8	102.0	021	11.27	70.3	69.41	71.10	50.51	0.00	13.64
6/16/20 21:00	4.1	99.1	019	10.26	68.4	67.50	69.43	53.22	0.00	13.49
6/16/20 22:00	2.8	81.5	022	6.96	66.7	65.87	67.50	56.06	0.00	13.36
6/16/20 23:00	1.9	67.1	022	4.58	65.4	64.86	65.87	58.34	0.00	13.26
6/17/20 0:00	1.8	72.4	026	4.40	64.4	64.00	65.05	61.34	0.00	13.17
6/17/20 1:00	1.9	68.3	021	3.89	63.1	62.33	64.02	68.3	0.00	13.1
6/17/20 2:00	1.8	27.2	027	4.49	62.0	61.61	62.44	74.56	0.00	13.04
6/17/20 3:00	2.2	40.0	022	5.31	61.7	61.52	61.95	76.14	0.00	13
6/17/20 4:00	3.5	45.6	028	9.53	62.1	61.62	62.25	76.96	0.00	12.96
6/17/20 5:00	3.1	73.4	038	8.43	60.5	59.99	61.66	82.8	0.00	12.94
6/17/20 6:00	2.7	65.1	031	9.16	60.1	59.93	60.27	82.6	0.00	12.92
6/17/20 7:00	2.8	58.5	030	7.74	60.7	60.22	61.26	81.5	0.00	12.93
6/17/20 8:00	2.8	56.0	030	7.65	61.7	61.23	62.01	81.5	0.00	13.1
6/17/20 9:00	3.3	64.0	032	7.97	62.4	61.99	63.36	82.1	0.00	13.77
6/17/20 10:00	4.8	64.3	030	12.60	63.9	63.03	65.44	81	0.00	13.74
6/17/20 11:00	4.4	63.5	028	12.32	65.8	65.24	67.04	79.65	0.00	13.71
6/17/20 12:00	4.7	64.6	031	12.18	67.4	66.71	68.95	78.6	0.00	13.7
6/17/20 13:00	5.0	69.8	034	13.24	69.6	68.95	70.44	75.95	0.00	13.65
6/17/20 14:00	5.1	76.1	029	13.42	70.1	69.56	70.57	77	0.00	13.65
6/17/20 15:00	5.4	82.9	026	14.24	70.4	69.75	71.39	76.68	0.00	13.64
6/17/20 16:00	4.3	66.3	029	13.19	70.2	69.63	70.78	77.69	0.00	13.65
6/17/20 17:00	3.5	79.9	027	8.47	69.8	67.88	70.50	81.2	0.02	13.65
6/17/20 18:00	2.9	79.5	025	8.06	67.2	66.89	67.88	92.4	0.03	13.62
6/17/20 19:00	4.0	69.1	035	10.08	66.2	65.71	66.97	96	0.37	13.51
6/17/20 20:00	4.0	62.7	026	10.12	66.1	65.93	66.27	97.1	0.02	13.58
6/17/20 21:00	4.1	77.2	028	10.31	66.0	65.91	66.22	97.4	0.10	13.44
6/17/20 22:00	4.7	80.4	024	11.86	66.2	65.97	66.34	97	0.01	13.32
6/17/20 23:00	4.5	81.2	025	11.59	66.3	66.16	66.44	96.4	0.00	13.23
6/18/20 0:00	4.7	92.5	025	13.37	66.1	66.03	66.38	97	0.01	13.15
6/18/20 1:00	4.9	102.7	021	12.37	65.9	65.68	66.10	98	0.00	13.08
6/18/20 2:00	4.6	107.3	023	11.27	65.6	65.49	65.73	98.5	0.00	13.02
6/18/20 3:00	4.7	115.6	021	11.36	65.3	65.23	65.52	99.3	0.00	12.98

6/18/20 4:00	3.9	100.7	020	9.57	65.3	65.22	65.32	99.8	0.00	12.95
6/18/20 5:00	3.0	86.4	023	6.92	65.3	65.22	65.39	99.6	0.00	12.93
6/18/20 6:00	3.5	89.2	020	8.11	65.4	65.22	65.48	98.9	0.00	12.92
6/18/20 7:00	3.7	103.4	020	7.97	65.5	65.19	65.69	98.5	0.00	12.94
6/18/20 8:00	3.9	103.7	021	8.02	65.9	65.64	66.12	98.5	0.00	13.29
6/18/20 9:00	3.8	108.5	020	7.69	66.3	66.06	66.84	98.8	0.00	13.73
6/18/20 10:00	4.4	114.5	019	9.21	67.6	66.84	68.51	96.9	0.00	13.71
6/18/20 11:00	4.5	125.9	023	10.03	68.9	67.73	70.89	94.1	0.02	13.68
6/18/20 12:00	6.1	116.3	024	12.41	71.0	70.05	72.92	86.8	0.00	13.64
6/18/20 13:00	6.3	105.7	026	13.33	73.3	71.98	74.57	78.5	0.00	13.61
6/18/20 14:00	4.7	124.9	030	10.49	75.4	74.19	76.19	71.91	0.00	13.58
6/18/20 15:00	3.5	147.1	032	8.52	74.8	74.11	76.01	71.73	0.00	13.58
6/18/20 16:00	4.7	139.0	030	12.09	76.6	75.41	77.92	67.18	0.00	13.56
6/18/20 17:00	4.8	130.9	025	11.54	77.5	76.22	78.63	64.08	0.00	13.55
6/18/20 18:00	3.6	134.1	023	8.24	77.0	76.24	77.91	65.19	0.00	13.55
6/18/20 19:00	3.0	144.7	025	9.89	76.7	75.71	77.87	64.97	0.00	13.55
6/18/20 20:00	2.4	158.1	024	6.60	75.1	74.56	75.84	66.18	0.00	13.46
6/18/20 21:00	2.8	187.5	053	9.53	73.2	70.96	74.62	73.09	0.00	13.32
6/18/20 22:00	2.1	51.5	038	3.25	69.6	68.90	70.90	87.5	0.00	13.22
6/18/20 23:00	1.3	148.4	019	2.93	70.7	69.91	71.57	79.89	0.00	13.13
6/19/20 0:00	1.4	138.6	021	3.53	70.4	70.04	70.86	79.96	0.00	13.07
6/19/20 1:00	2.0	142.9	021	4.63	69.8	69.62	70.08	82.7	0.00	13.02
6/19/20 2:00	1.5	111.8	047	3.89	68.8	67.14	69.64	87.2	0.00	12.98
6/19/20 3:00	1.4	31.8	044	2.75	66.4	65.25	67.30	94	0.00	12.95
6/19/20 4:00	1.4	166.9	027	3.85	66.7	65.43	67.57	94.7	0.00	12.93
6/19/20 5:00	1.4	164.9	039	4.35	67.7	67.25	68.06	92.3	0.00	12.92
6/19/20 6:00	1.2	139.0	019	2.84	66.9	66.56	67.36	94.2	0.00	12.91
6/19/20 7:00	1.2	120.9	021	3.25	67.3	66.69	68.13	94.6	0.00	12.98
6/19/20 8:00	1.6	148.8	026	4.90	68.1	67.46	69.86	94.1	0.00	13.57
6/19/20 9:00	1.7	140.2	039	4.95	70.3	69.81	70.91	90	0.00	13.67
6/19/20 10:00	3.1	148.1	033	7.37	71.6	69.89	73.36	85.9	0.00	13.65
6/19/20 11:00	2.7	181.2	034	8.20	73.8	73.00	74.68	79.93	0.00	13.61
6/19/20 12:00	3.5	181.2	040	10.40	74.4	73.07	76.51	77.38	0.01	13.61
6/19/20 13:00	5.1	192.2	035	13.92	77.3	76.37	78.50	67.35	0.00	13.56
6/19/20 14:00	5.5	182.8	031	14.70	78.6	77.65	79.67	64.11	0.00	13.55
6/19/20 15:00	3.5	171.4	030	10.31	76.6	76.01	78.20	70.44	0.00	13.55
6/19/20 16:00	4.6	202.9	029	16.21	74.8	72.08	76.19	75.34	0.00	13.56
6/19/20 17:00	3.5	200.3	036	11.54	71.5	70.90	72.11	84	0.00	13.58
6/19/20 18:00	1.0	140.7	042	2.89	70.9	70.64	71.21	89.6	0.03	13.62
6/19/20 19:00	1.8	59.1	033	3.89	72.3	70.84	73.83	90.3	0.00	13.61
6/19/20 20:00	1.4	59.4	043	3.11	73.1	71.59	74.41	89.8	0.00	13.61
6/19/20 21:00	1.8	81.3	030	3.94	70.8	70.29	71.63	96.6	0.00	13.46
6/19/20 22:00	3.5	176.6	045	14.38	70.5	69.03	71.37	94.6	0.03	13.33
6/19/20 23:00	2.7	194.0	030	8.38	68.4	67.79	69.06	93.7	0.11	13.23
6/20/20 0:00	1.4	47.4	056	4.12	67.1	66.37	67.93	96.5	0.01	13.15
6/20/20 1:00	1.2	130.0	029	3.07	66.3	66.06	66.51	98.3	0.00	13.08

6/20/20 2:00	1.2	133.9	017	3.94	66.3	65.98	66.56	98.3	0.00	13.02
6/20/20 3:00	0.8	98.8	048	2.15	66.2	65.85	66.40	99.3	0.00	12.98
6/20/20 4:00	1.5	51.4	040	3.02	65.0	64.41	66.15	99.5	0.00	12.96
6/20/20 5:00	1.5	50.5	040	3.99	64.3	63.90	64.56	99.9	0.00	12.94
6/20/20 6:00	0.4	71.1	032	2.34	64.3	64.05	64.61	100	0.00	12.93
6/20/20 7:00	0.1	87.8	035	1.51	65.0	64.18	66.29	100	0.00	12.96
6/20/20 8:00	1.1	61.7	042	3.48	67.5	66.29	69.09	99.1	0.00	13.73
6/20/20 9:00	1.2	151.4	046	3.80	70.8	69.06	72.05	91.4	0.00	13.65
6/20/20 10:00	0.7	290.7	056	3.48	72.5	71.73	73.03	85.8	0.00	13.62
6/20/20 11:00	2.7	321.4	035	7.51	72.9	72.13	74.46	85.7	0.00	13.61
6/20/20 12:00	2.7	338.9	039	7.88	74.8	72.52	76.94	81.9	0.00	13.59
6/20/20 13:00	2.9	87.1	044	10.95	73.8	70.16	75.13	86	0.10	13.58
6/20/20 14:00	2.2	137.8	039	9.21	69.8	69.32	70.39	93	0.01	13.59
6/20/20 15:00	2.0	109.6	021	3.76	70.6	70.20	71.36	93.5	0.00	13.61
6/20/20 16:00	2.3	101.2	028	5.91	71.9	71.30	72.21	89.6	0.00	13.61
6/20/20 17:00	3.5	118.2	018	7.74	71.7	71.52	72.31	86.5	0.00	13.61
6/20/20 18:00	3.2	141.2	034	7.56	72.7	72.07	73.60	83	0.00	13.61
6/20/20 19:00	2.5	152.0	034	7.65	72.9	71.74	73.87	83.7	0.00	13.59
6/20/20 20:00	1.6	93.1	037	2.79	71.1	70.45	71.78	90.3	0.00	13.59
6/20/20 21:00	1.1	77.2	029	2.52	69.9	68.70	70.61	91.3	0.00	13.45
6/20/20 22:00	2.0	84.4	018	3.21	68.6	68.18	69.00	95.5	0.00	13.32
6/20/20 23:00	1.9	76.4	058	4.49	68.1	67.25	68.83	96.5	0.00	13.23
6/21/20 0:00	1.7	68.2	033	3.48	66.9	66.24	67.57	98.9	0.00	13.14
6/21/20 1:00	1.4	72.6	017	2.34	67.2	66.62	67.61	99.5	0.00	13.07
6/21/20 2:00	1.5	35.3	031	2.47	66.3	65.23	67.15	99.7	0.00	13.02
6/21/20 3:00	0.7	65.0	041	2.29	65.2	64.80	65.74	99.9	0.00	12.98
6/21/20 4:00	0.8	19.6	047	3.11	65.3	64.80	65.86	100	0.00	12.95
6/21/20 5:00	0.8	32.7	043	3.11	65.7	65.46	65.97	100	0.00	12.93
6/21/20 6:00	0.7	85.9	044	3.16	66.2	65.87	66.50	100	0.00	12.92
6/21/20 7:00	0.5	94.3	018	2.93	66.9	66.43	67.25	100	0.00	12.93
6/21/20 8:00	1.9	91.2	027	4.40	67.9	67.19	68.73	100	0.00	13.16
6/21/20 9:00	1.7	108.0	034	3.85	69.2	68.18	70.71	97	0.00	13.7
6/21/20 10:00	1.2	355.0	072	3.66	71.5	70.42	72.92	87.9	0.00	13.64
6/21/20 11:00	1.6	299.8	079	4.90	74.4	72.70	76.24	79.75	0.00	13.59
6/21/20 12:00	3.8	289.5	039	9.34	75.9	75.10	76.65	76.7	0.00	13.55
6/21/20 13:00	3.3	314.9	038	8.56	77.0	75.85	78.95	73.12	0.00	13.55
6/21/20 14:00	2.7	305.9	051	7.65	79.4	77.27	81.70	66.37	0.00	13.53
6/21/20 15:00	2.3	292.7	052	7.19	80.8	79.68	82.20	61.13	0.00	13.52
6/21/20 16:00	2.6	233.7	085	8.34	82.0	80.70	83.80	59.57	0.00	13.5
6/21/20 17:00	3.6	163.1	077	11.13	81.9	78.14	84.80	61.98	0.00	13.47
6/21/20 18:00	4.9	129.4	024	12.32	80.3	79.81	81.10	68.97	0.00	13.47
6/21/20 19:00	4.2	147.6	030	11.59	80.0	79.55	80.30	66.93	0.00	13.47
6/21/20 20:00	2.7	159.7	025	6.55	79.2	78.60	79.70	67.62	0.00	13.47
6/21/20 21:00	2.1	130.1	018	4.72	77.0	74.37	78.62	74.18	0.00	13.37
6/21/20 22:00	1.8	136.7	017	4.72	74.7	74.21	75.14	79.26	0.00	13.24
6/21/20 23:00	2.4	134.3	015	5.18	74.3	73.76	75.04	80.6	0.00	13.15

6/22/20 0:00	1.7	155.1	027	5.04	73.5	73.17	73.85	83.5	0.00	13.08
6/22/20 1:00	1.6	159.8	024	4.40	73.2	72.38	73.83	83.1	0.00	13.02
6/22/20 2:00	1.5	164.5	026	4.95	72.2	71.63	72.65	85.1	0.00	12.98
6/22/20 3:00	1.3	158.2	027	3.34	71.0	70.51	71.64	89.5	0.00	12.96
6/22/20 4:00	1.2	155.9	024	3.53	70.3	69.75	70.64	93.3	0.00	12.94
6/22/20 5:00	0.9	164.1	033	2.43	69.2	68.91	69.75	96	0.00	12.93
6/22/20 6:00	0.9	154.8	026	2.52	69.0	68.85	69.21	96.7	0.00	12.92
6/22/20 7:00	1.3	123.8	014	3.11	69.4	68.64	70.30	95.9	0.00	12.97
6/22/20 8:00	1.7	149.5	023	5.50	72.8	70.30	74.78	88.3	0.00	13.61
6/22/20 9:00	3.4	193.7	037	8.02	76.3	74.78	78.19	80.8	0.00	13.59
6/22/20 10:00	4.0	205.7	034	9.43	78.8	77.40	80.40	77.4	0.00	13.55
6/22/20 11:00	3.4	196.7	042	9.30	81.7	80.20	82.90	69.97	0.00	13.5
6/22/20 12:00	4.3	202.4	037	11.82	83.7	82.60	84.90	64.73	0.00	13.47
6/22/20 13:00	4.4	190.3	034	12.14	85.3	83.80	86.80	61.58	0.00	13.45
6/22/20 14:00	4.8	162.3	035	12.05	86.3	85.40	87.30	59.47	0.00	13.44
6/22/20 15:00	4.9	156.0	035	14.93	86.4	85.70	87.50	59.79	0.00	13.43
6/22/20 16:00	4.7	163.9	036	12.50	86.8	85.50	87.90	59.36	0.00	13.43
6/22/20 17:00	5.2	189.6	093	20.01	78.2	72.31	85.90	72.41	0.01	13.43
6/22/20 18:00	4.2	64.2	041	9.76	71.9	71.36	73.22	88.7	0.01	13.62
6/22/20 19:00	4.9	165.2	078	17.08	72.5	71.44	75.40	88.7	0.02	13.51
6/22/20 20:00	4.0	294.6	035	9.98	70.7	70.23	71.49	92.1	0.05	13.42
6/22/20 21:00	1.3	105.3	031	3.76	69.9	69.60	70.25	97.6	0.01	13.3
6/22/20 22:00	0.8	54.7	065	2.52	69.7	69.47	69.76	98.5	0.01	13.2
6/22/20 23:00	1.8	250.3	060	5.50	69.8	68.94	70.18	97.6	0.00	13.12
6/23/20 0:00	0.9	317.4	077	3.57	69.4	68.45	70.07	95.5	0.00	13.06
6/23/20 1:00	0.6	320.2	063	2.89	68.5	67.91	68.91	97.7	0.00	13
6/23/20 2:00	1.2	286.2	028	3.89	68.2	67.86	68.66	97.8	0.00	12.97
6/23/20 3:00	0.8	5.2	067	2.52	67.9	67.08	68.42	98.4	0.00	12.95
6/23/20 4:00	0.9	290.5	081	2.57	67.4	66.50	67.87	99.3	0.01	12.94
6/23/20 5:00	1.4	89.4	020	3.48	66.6	66.30	66.93	99.7	0.00	12.92
6/23/20 6:00	1.1	35.1	039	2.20	65.5	64.42	66.50	99.9	0.00	12.92
6/23/20 7:00	1.0	49.8	035	2.79	65.8	64.82	67.54	100	0.00	12.96
6/23/20 8:00	1.1	67.1	052	3.21	69.9	67.54	72.14	94.9	0.00	13.7
6/23/20 9:00	1.6	116.8	039	5.04	73.8	71.95	75.33	87.2	0.00	13.62
6/23/20 10:00	2.5	136.3	037	6.09	76.4	75.34	78.54	82.8	0.00	13.58
6/23/20 11:00	3.3	160.2	033	7.69	79.1	78.19	80.60	76.56	0.00	13.53
6/23/20 12:00	4.5	165.9	037	9.80	81.6	80.30	82.70	70.36	0.00	13.5
6/23/20 13:00	4.5	182.4	038	9.89	82.9	82.00	84.20	67.67	0.00	13.47
6/23/20 14:00	4.0	208.9	032	9.53	84.4	83.60	86.20	63.95	0.00	13.46
6/23/20 15:00	3.9	184.3	042	11.72	86.4	85.30	87.40	58.83	0.00	13.43
6/23/20 16:00	5.4	199.8	033	12.50	85.7	84.90	87.20	61.01	0.00	13.43
6/23/20 17:00	5.5	210.3	033	15.11	85.6	84.80	87.00	60.55	0.00	13.43
6/23/20 18:00	5.6	205.4	029	13.51	85.7	84.50	87.30	60.89	0.00	13.43
6/23/20 19:00	5.6	219.6	034	13.10	86.3	85.30	87.20	58.46	0.00	13.43
6/23/20 20:00	3.6	190.3	029	10.58	84.7	83.90	85.30	62.6	0.00	13.44
6/23/20 21:00	3.4	202.3	028	7.88	83.3	82.70	84.10	64.39	0.00	13.31

6/23/20 22:00	5.0	207.9	026	10.76	82.5	82.00	82.90	63.73	0.00	13.19
6/23/20 23:00	6.0	258.7	052	13.19	80.5	77.16	82.00	69.73	0.00	13.1
6/24/20 0:00	6.4	320.0	017	16.85	74.8	73.23	77.16	82.6	0.00	13.05
6/24/20 1:00	0.9	264.7	074	2.34	72.9	72.48	73.23	88	0.00	13
6/24/20 2:00	2.5	261.6	022	5.73	72.4	72.01	72.62	89	0.00	12.97
6/24/20 3:00	3.6	265.9	028	10.99	72.7	72.27	73.52	88.4	0.00	12.96
6/24/20 4:00	5.8	299.9	013	11.27	72.6	71.99	73.18	87.7	0.00	12.94
6/24/20 5:00	6.1	307.8	011	11.31	71.4	70.80	72.07	85.4	0.00	12.93
6/24/20 6:00	5.5	315.4	011	11.22	69.9	69.08	70.88	85.1	0.00	12.93
6/24/20 7:00	6.2	322.3	013	12.18	69.7	69.08	70.27	79.73	0.00	12.96
6/24/20 8:00	7.3	328.2	013	13.14	70.2	69.65	71.27	71.24	0.00	13.6
6/24/20 9:00	8.7	320.0	014	15.57	71.5	71.09	72.44	63.2	0.00	13.65
6/24/20 10:00	9.5	314.1	017	16.35	72.2	71.71	73.03	57.85	0.00	13.64
6/24/20 11:00	8.3	307.4	018	16.03	73.7	72.74	74.57	54.92	0.00	13.61
6/24/20 12:00	7.4	302.6	024	15.80	75.7	74.23	76.83	52.45	0.00	13.58
6/24/20 13:00	7.8	299.5	030	16.90	77.0	76.27	78.11	49.83	0.00	13.55
6/24/20 14:00	7.8	299.7	028	17.68	78.5	77.44	79.64	47.29	0.00	13.55
6/24/20 15:00	8.5	292.6	024	17.36	80.0	78.18	81.30	43.07	0.00	13.52
6/24/20 16:00	6.7	274.5	037	15.21	81.1	79.48	82.00	42.58	0.00	13.52
6/24/20 17:00	6.9	267.1	031	17.31	81.8	80.50	82.60	41.13	0.00	13.49
6/24/20 18:00	6.7	237.4	031	13.65	82.3	81.90	82.70	39.62	0.00	13.49
6/24/20 19:00	5.7	256.1	024	13.88	81.9	81.50	82.20	40.91	0.00	13.49
6/24/20 20:00	4.4	241.4	022	10.21	80.6	79.49	81.50	43.72	0.00	13.49
6/24/20 21:00	2.9	255.9	018	6.37	78.4	76.71	79.56	47.86	0.00	13.39
6/24/20 22:00	1.9	269.9	030	4.21	76.1	75.18	76.71	53.42	0.00	13.26
6/24/20 23:00	1.5	322.0	035	5.08	74.9	73.99	76.21	58.66	0.00	13.16
6/25/20 0:00	0.8	66.9	043	2.98	72.7	71.34	74.07	65.92	0.00	13.09
6/25/20 1:00	0.9	31.3	068	2.89	71.2	69.83	73.02	71.15	0.00	13.03
6/25/20 2:00	0.5	34.8	014	2.47	70.3	69.56	70.96	72.14	0.00	12.99
6/25/20 3:00	1.4	332.8	032	4.53	70.2	68.98	71.55	68.6	0.00	12.96
6/25/20 4:00	1.0	35.0	024	2.61	69.0	65.73	70.28	72.03	0.00	12.95
6/25/20 5:00	1.5	22.8	019	4.31	65.4	64.20	66.46	90.6	0.00	12.94
6/25/20 6:00	1.3	58.9	042	3.80	65.1	64.37	65.93	89	0.00	12.93
6/25/20 7:00	0.8	31.8	045	2.66	65.1	64.46	66.44	93.5	0.00	12.96
6/25/20 8:00	0.8	45.6	018	2.20	68.9	66.46	71.85	87.8	0.00	13.72
6/25/20 9:00	1.7	15.9	031	3.94	73.9	71.79	77.58	71.34	0.00	13.62
6/25/20 10:00	2.1	51.1	035	6.37	77.3	76.38	78.03	54.27	0.00	13.56
6/25/20 11:00	2.0	45.4	030	5.31	77.3	76.36	78.51	55.13	0.00	13.55
6/25/20 12:00	1.5	57.5	048	4.72	78.5	77.27	80.00	52.48	0.00	13.52
6/25/20 13:00	3.0	4.4	036	7.42	79.7	78.67	81.00	50.94	0.00	13.49
6/25/20 14:00	2.9	15.0	048	6.73	81.0	79.80	82.60	51.46	0.00	13.47
6/25/20 15:00	2.0	57.5	042	7.01	79.9	78.19	81.80	56.91	0.00	13.47
6/25/20 16:00	4.7	147.1	034	13.42	81.1	79.97	82.60	54.37	0.00	13.46
6/25/20 17:00	5.1	115.4	027	9.89	80.1	79.45	80.70	57.54	0.00	13.46
6/25/20 18:00	3.8	134.2	025	9.21	78.1	76.67	79.89	62.03	0.00	13.46
6/25/20 19:00	9.3	337.8	090	49.92	67.2	60.58	76.67	84.9	0.77	13.46

6/25/20 20:00	1.5	155.9	057	6.64	67.2	65.98	68.18	89.3	0.00	13.69
6/25/20 21:00	0.6	164.4	060	2.79	68.4	67.30	68.81	91.9	0.00	13.53
6/25/20 22:00	1.2	249.8	076	4.08	66.5	65.85	67.50	96	0.00	13.39
6/25/20 23:00	2.1	330.5	020	4.63	65.0	64.28	66.22	97.6	0.00	13.29
6/26/20 0:00	6.0	333.4	017	15.21	65.3	64.09	66.40	93.3	0.01	13.2
6/26/20 1:00	2.1	32.0	059	5.91	65.2	64.12	66.50	93.3	0.00	13.12
6/26/20 2:00	3.2	352.3	016	6.00	64.9	64.06	66.11	92.1	0.00	13.06
6/26/20 3:00	3.5	330.9	012	7.05	63.7	63.08	64.20	95.1	0.00	13.01
6/26/20 4:00	3.4	323.2	009	5.73	63.6	63.13	63.91	91	0.00	12.97
6/26/20 5:00	2.8	325.3	028	6.14	63.0	62.53	63.63	91.3	0.00	12.95
6/26/20 6:00	2.6	358.2	049	5.40	62.7	61.99	63.17	92.3	0.00	12.94
6/26/20 7:00	2.4	321.5	037	4.53	63.5	62.10	64.54	90.2	0.00	13
6/26/20 8:00	3.9	303.0	011	7.47	66.8	64.52	69.14	82.5	0.00	13.76
6/26/20 9:00	5.0	309.2	014	9.71	71.1	69.09	72.67	69.48	0.00	13.68
6/26/20 10:00	7.7	304.0	014	14.15	73.3	72.58	74.16	63.44	0.00	13.64
6/26/20 11:00	6.6	293.5	020	11.95	76.0	74.17	77.87	62.9	0.00	13.59
6/26/20 12:00	7.2	306.6	018	15.34	78.6	77.68	80.10	56.72	0.00	13.55
6/26/20 13:00	5.9	313.8	035	13.19	80.9	79.62	81.90	48.05	0.00	13.52
6/26/20 14:00	5.7	286.7	036	13.01	82.0	81.10	82.90	46.61	0.00	13.52
6/26/20 15:00	6.0	292.1	030	13.10	82.4	80.50	83.80	46.88	0.00	13.49
6/26/20 16:00	4.9	275.4	030	9.21	83.5	80.60	85.60	47.41	0.00	13.49
6/26/20 17:00	6.0	273.6	025	12.55	85.2	84.70	86.10	45.17	0.00	13.47
6/26/20 18:00	5.0	261.6	029	12.23	85.3	84.20	86.40	44.05	0.00	13.46
6/26/20 19:00	4.5	233.2	023	10.90	84.5	83.70	85.30	46.88	0.00	13.46
6/26/20 20:00	4.6	234.5	024	9.98	82.9	81.80	83.80	50.09	0.00	13.47
6/26/20 21:00	3.0	250.3	018	6.92	80.7	79.78	81.80	53.92	0.00	13.37
6/26/20 22:00	2.8	255.2	025	5.40	79.2	78.30	79.82	56.78	0.00	13.24
6/26/20 23:00	2.7	251.4	023	4.76	78.0	77.32	78.60	59.32	0.00	13.15
6/27/20 0:00	2.2	253.3	024	4.63	76.5	74.88	77.33	63.65	0.00	13.08
6/27/20 1:00	2.5	265.0	018	5.27	75.0	74.63	75.25	67.14	0.00	13.03
6/27/20 2:00	2.6	275.3	020	5.45	74.2	73.53	75.19	69.95	0.00	12.99
6/27/20 3:00	2.6	280.9	016	6.05	73.4	73.10	73.88	72.19	0.00	12.96
6/27/20 4:00	1.9	273.3	022	5.13	73.4	73.02	73.78	71.61	0.00	12.95
6/27/20 5:00	2.0	255.6	035	4.86	72.5	71.68	73.16	73.97	0.00	12.94
6/27/20 6:00	2.8	270.9	022	5.18	72.8	71.81	73.72	72.28	0.00	12.93
6/27/20 7:00	1.1	238.9	051	3.39	73.1	72.22	73.58	73.5	0.00	12.95
6/27/20 8:00	2.1	219.9	023	7.56	73.9	72.28	75.63	72.89	0.00	13.54
6/27/20 9:00	3.2	204.9	027	7.37	75.6	74.96	77.12	71.12	0.00	13.61
6/27/20 10:00	4.9	236.8	026	12.50	79.3	77.13	80.90	63.66	0.00	13.55
6/27/20 11:00	6.8	228.0	024	13.10	81.1	80.00	82.00	60.39	0.00	13.52
6/27/20 12:00	7.5	233.1	026	16.12	82.4	80.90	83.70	58.8	0.00	13.49
6/27/20 13:00	7.0	248.4	031	15.98	85.3	83.50	86.30	54.5	0.00	13.47
6/27/20 14:00	7.8	256.4	025	19.28	85.2	84.10	86.60	53.6	0.00	13.46
6/27/20 15:00	5.5	252.1	027	12.09	84.6	83.80	87.00	57.24	0.00	13.46
6/27/20 16:00	6.1	240.2	029	12.73	85.7	84.70	87.10	57.16	0.00	13.46
6/27/20 17:00	6.2	299.1	035	14.29	87.2	84.90	88.70	55.74	0.00	13.44

6/27/20 18:00	5.5	300.0	039	12.05	86.6	85.60	88.10	55.17	0.00	13.44
6/27/20 19:00	4.1	345.7	051	9.62	84.9	83.80	86.00	57.68	0.00	13.43
6/27/20 20:00	2.3	45.3	053	6.46	83.0	80.40	85.30	63.83	0.00	13.44
6/27/20 21:00	1.4	64.4	044	3.21	79.6	78.07	81.10	73.08	0.00	13.33
6/27/20 22:00	2.0	55.4	044	3.30	77.9	76.45	79.93	77.72	0.00	13.21
6/27/20 23:00	0.8	70.3	051	2.43	76.5	75.63	77.09	83.4	0.00	13.12
6/28/20 0:00	1.8	31.5	042	3.53	75.7	74.26	77.50	86.4	0.00	13.06
6/28/20 1:00	3.5	351.4	026	7.15	76.3	74.60	77.10	79.6	0.00	13.01
6/28/20 2:00	3.2	339.1	013	7.10	76.0	75.57	76.97	73.77	0.00	12.98
6/28/20 3:00	3.4	327.8	017	7.05	75.2	74.21	75.84	73.69	0.00	12.96
6/28/20 4:00	3.2	315.0	011	7.05	73.2	72.91	74.20	78.75	0.00	12.95
6/28/20 5:00	2.0	342.2	057	5.82	72.4	71.90	72.97	80.2	0.00	12.94
6/28/20 6:00	1.3	331.1	027	3.57	71.2	69.99	73.11	83	0.00	12.93
6/28/20 7:00	1.2	3.3	045	3.53	73.3	71.77	74.86	78.06	0.00	13
6/28/20 8:00	1.5	64.4	040	4.49	72.9	72.54	73.80	84.1	0.00	13.33
6/28/20 9:00	4.4	310.5	015	9.80	75.9	73.79	77.28	75.5	0.00	13.61
6/28/20 10:00	4.7	286.5	025	9.07	77.7	77.12	78.29	71.4	0.00	13.58
6/28/20 11:00	4.8	291.7	029	11.82	78.8	77.50	80.40	72.31	0.00	13.53
6/28/20 12:00	5.9	286.4	027	11.31	80.4	79.62	81.80	70.94	0.00	13.52
6/28/20 13:00	5.2	290.5	024	12.05	82.1	80.90	83.70	66.49	0.00	13.49
6/28/20 14:00	5.3	281.8	029	11.50	83.8	82.40	85.20	63.55	0.00	13.49
6/28/20 15:00	6.2	273.0	034	12.96	84.6	83.80	85.60	61.78	0.00	13.46
6/28/20 16:00	7.5	270.8	020	13.69	84.2	83.20	85.20	62.62	0.00	13.46
6/28/20 17:00	7.6	276.7	019	15.25	83.8	83.30	84.80	60.49	0.00	13.46
6/28/20 18:00	6.0	262.7	021	12.96	82.9	82.50	83.50	63.5	0.00	13.47
6/28/20 19:00	4.6	260.1	020	8.38	82.2	81.70	82.70	65.13	0.00	13.47
6/28/20 20:00	4.9	265.7	017	9.76	81.3	81.00	81.70	67.23	0.00	13.47
6/28/20 21:00	2.2	244.6	019	5.82	80.7	80.10	81.20	69.24	0.00	13.37
6/28/20 22:00	2.7	272.9	017	5.31	78.8	77.77	80.10	74.8	0.00	13.25
6/28/20 23:00	3.0	299.6	015	7.10	77.5	76.90	78.38	77.53	0.00	13.15
6/29/20 0:00	2.0	308.1	010	4.31	76.0	75.00	77.23	80.8	0.00	13.08
6/29/20 1:00	1.9	312.8	010	3.11	74.9	73.62	75.45	82.5	0.00	13.03
6/29/20 2:00	2.8	314.0	013	5.22	73.9	73.62	74.25	84.7	0.00	12.99
6/29/20 3:00	3.4	326.0	009	6.23	73.3	72.66	74.07	85.1	0.00	12.96
6/29/20 4:00	4.6	326.1	009	7.69	73.1	72.45	73.55	81.9	0.00	12.95
6/29/20 5:00	3.7	325.8	011	6.50	72.1	71.45	72.55	79.12	0.00	12.94
6/29/20 6:00	3.0	332.4	012	8.06	71.2	70.51	71.85	78.95	0.00	12.93
6/29/20 7:00	2.1	339.6	016	4.72	71.1	70.44	71.94	78.83	0.00	12.96
6/29/20 8:00	2.5	344.4	026	5.91	73.4	71.96	75.34	73.9	0.00	13.51
6/29/20 9:00	2.5	356.7	030	8.38	76.8	75.34	78.48	66.83	0.00	13.59
6/29/20 10:00	4.4	356.9	028	12.37	78.6	78.06	79.27	63.17	0.00	13.55
6/29/20 11:00	4.5	356.9	035	15.11	80.0	78.84	81.10	59.53	0.00	13.52
6/29/20 12:00	5.2	353.3	033	15.94	81.3	80.10	82.20	56.8	0.00	13.52
6/29/20 13:00	6.2	348.7	034	14.66	83.0	81.70	84.00	52.52	0.00	13.49
6/29/20 14:00	6.5	327.8	026	15.02	84.0	83.00	84.70	51.47	0.00	13.49
6/29/20 15:00	6.0	343.5	029	13.56	85.6	84.50	86.50	47.57	0.00	13.46

6/29/20 16:00	5.5	339.5	031	12.64	86.0	84.10	87.70	46.43	0.00	13.46
6/29/20 17:00	4.8	343.2	029	10.26	86.6	84.90	88.30	45.07	0.00	13.44
6/29/20 18:00	4.5	343.9	030	11.63	86.9	85.90	87.80	43.85	0.00	13.43
6/29/20 19:00	2.0	1.3	036	6.82	86.6	85.90	87.30	45.9	0.00	13.43
6/29/20 20:00	1.0	31.9	020	3.94	85.2	84.00	86.70	50.27	0.00	13.44
6/29/20 21:00	0.8	34.9	014	2.38	82.5	80.70	84.00	50.73	0.00	13.34
6/29/20 22:00	0.8	18.1	015	2.84	77.8	75.90	80.70	59.71	0.00	13.22
6/29/20 23:00	1.4	32.5	018	3.11	73.0	71.22	75.91	75.25	0.00	13.13
6/30/20 0:00	0.5	25.7	024	2.20	71.4	70.98	72.19	81.4	0.00	13.07
6/30/20 1:00	0.9	18.2	030	2.02	71.4	69.90	72.81	81.3	0.00	13.02
6/30/20 2:00	0.8	14.6	026	2.52	70.9	69.88	72.01	81.6	0.00	12.98
6/30/20 3:00	2.6	28.3	019	5.27	68.9	67.87	70.35	88.6	0.00	12.95
6/30/20 4:00	1.6	12.8	021	2.98	68.6	68.10	69.10	86.1	0.00	12.94
6/30/20 5:00	1.3	5.8	028	4.67	69.5	68.88	70.01	77.59	0.00	12.93
6/30/20 6:00	1.7	355.8	023	4.63	69.7	69.23	70.47	75.7	0.00	12.92
6/30/20 7:00	1.9	355.2	020	4.72	70.1	69.39	70.49	74.11	0.00	12.94
6/30/20 8:00	1.3	349.8	022	3.99	71.5	70.34	73.59	75.9	0.00	13.4
6/30/20 9:00	2.4	6.1	033	7.60	74.6	73.03	76.61	69.22	0.00	13.62
6/30/20 10:00	3.8	33.3	027	8.56	77.8	76.34	78.78	61.16	0.00	13.57
6/30/20 11:00	3.6	18.8	038	8.15	80.1	78.74	80.90	56.15	0.00	13.53
6/30/20 12:00	3.8	15.0	049	11.22	81.4	79.99	82.70	53.1	0.00	13.5
6/30/20 13:00	3.9	29.8	037	9.57	82.6	81.90	83.60	49.84	0.00	13.49
6/30/20 14:00	3.8	34.9	044	10.81	83.9	83.10	85.20	48.1	0.00	13.49
6/30/20 15:00	4.0	3.2	046	9.53	84.5	83.50	85.30	47.06	0.00	13.46
6/30/20 16:00	3.6	342.4	030	9.76	84.7	82.90	86.20	46.91	0.00	13.46
6/30/20 17:00	2.8	9.0	054	10.03	86.0	84.40	87.60	45.9	0.00	13.44
6/30/20 18:00	3.3	330.6	032	12.23	86.5	85.20	87.50	43.39	0.00	13.43
6/30/20 19:00	2.0	5.6	037	5.18	85.6	84.00	86.90	48.63	0.00	13.43
6/30/20 20:00	2.0	29.3	021	5.54	82.3	80.60	84.20	53.57	0.00	13.44
6/30/20 21:00	2.4	12.7	042	6.60	80.3	77.15	81.40	57.73	0.00	13.35
6/30/20 22:00	3.1	64.0	024	7.01	77.4	76.45	78.13	66.47	0.00	13.23
6/30/20 23:00	2.5	78.8	024	5.22	75.1	74.12	76.45	70.32	0.00	13.14