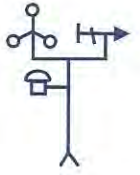




TECHNICAL ENVIRONMENTAL SERVICES, LLC



June 17, 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 May 2020. All the instrumentation functioned normally during May. Data recovery for all the parameters was near 100%. May had a precipitation total of 2.25 inches.

Attached is a wind rose for the month of May 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-MAY 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

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)	
5/1/20 0:00	4.0	214.3	058	12.64	55.7	53.91	56.34	98	0.10	13.23
5/1/20 1:00	2.4	356.4	031	9.07	53.1	52.84	53.91	97	0.04	13.17
5/1/20 2:00	1.8	7.5	036	5.22	53.0	52.89	53.05	96.8	0.00	13.11
5/1/20 3:00	1.2	335.4	033	2.70	52.5	52.19	52.96	98	0.00	13.06
5/1/20 4:00	2.7	323.9	012	5.08	52.3	52.03	52.53	99	0.01	13.02
5/1/20 5:00	2.7	331.6	025	7.47	51.8	51.05	52.18	98.3	0.00	12.99
5/1/20 6:00	5.8	332.0	013	10.21	52.0	51.58	52.29	92	0.00	12.96
5/1/20 7:00	5.1	320.4	012	9.57	51.3	51.03	51.59	89.7	0.00	12.95
5/1/20 8:00	4.4	316.8	011	8.70	50.7	50.47	51.10	90.5	0.03	13.06
5/1/20 9:00	4.3	319.1	018	8.52	50.4	49.85	50.95	91.3	0.10	13.95
5/1/20 10:00	4.6	317.8	021	8.34	51.2	50.08	52.97	91.1	0.02	13.94
5/1/20 11:00	7.1	309.4	013	14.47	54.3	52.98	55.70	84.1	0.00	13.87
5/1/20 12:00	8.5	323.9	018	14.70	57.1	55.70	59.45	68.98	0.00	13.84
5/1/20 13:00	9.9	317.4	018	20.75	59.5	58.57	61.67	60.25	0.00	13.79
5/1/20 14:00	11.3	330.8	018	20.84	61.0	59.73	61.80	53.71	0.00	13.77
5/1/20 15:00	10.5	321.5	019	18.46	61.6	60.32	63.23	51.41	0.00	13.75
5/1/20 16:00	10.5	311.5	016	19.10	63.0	61.70	64.11	49.7	0.00	13.74
5/1/20 17:00	9.7	313.4	015	17.27	60.6	60.11	61.69	52.11	0.00	13.74
5/1/20 18:00	10.2	316.6	013	19.14	61.1	60.21	62.36	51.34	0.00	13.74
5/1/20 19:00	11.9	317.5	013	22.53	61.2	59.72	61.73	49.17	0.00	13.74
5/1/20 20:00	9.8	315.1	011	18.05	59.3	58.55	59.75	51.93	0.00	13.68
5/1/20 21:00	9.9	316.7	011	19.74	57.6	56.82	58.57	55.97	0.00	13.5
5/1/20 22:00	9.7	319.3	011	16.76	56.3	55.66	57.17	61.29	0.00	13.39
5/1/20 23:00	11.1	320.7	011	19.47	55.3	54.70	55.80	65.96	0.00	13.3
5/2/20 0:00	9.8	325.0	012	21.71	54.0	53.24	54.71	71.45	0.00	13.22
5/2/20 1:00	8.2	329.9	013	14.98	53.2	52.68	53.47	73.35	0.00	13.16
5/2/20 2:00	7.2	324.4	011	13.10	52.5	51.79	52.94	74.11	0.00	13.1
5/2/20 3:00	5.7	327.4	013	11.31	51.9	51.43	52.28	74.06	0.00	13.05
5/2/20 4:00	7.3	324.4	008	12.73	51.4	51.00	51.88	73.8	0.00	13.01
5/2/20 5:00	6.3	316.3	010	12.96	50.3	49.79	51.09	74.77	0.00	12.98
5/2/20 6:00	6.2	325.5	013	11.18	49.7	49.17	50.25	73.65	0.00	12.95
5/2/20 7:00	5.5	322.3	011	9.76	48.9	48.39	49.44	75.35	0.00	12.95
5/2/20 8:00	6.1	320.3	013	12.00	50.5	49.40	52.49	71.84	0.00	13.35
5/2/20 9:00	6.4	322.7	014	10.99	54.4	52.45	56.33	62.62	0.00	13.87
5/2/20 10:00	6.4	321.4	024	12.87	58.0	56.30	60.58	53.62	0.00	13.81
5/2/20 11:00	4.9	301.1	029	10.76	60.9	59.36	62.57	47.33	0.00	13.77
5/2/20 12:00	3.7	284.8	052	11.27	63.5	62.58	64.32	41.83	0.00	13.71
5/2/20 13:00	3.3	261.6	066	10.26	65.8	63.90	67.16	35.92	0.00	13.68
5/2/20 14:00	5.0	283.1	044	12.96	66.9	65.54	69.03	33.57	0.00	13.68
5/2/20 15:00	4.6	280.9	064	10.63	68.2	67.22	69.77	29.24	0.00	13.65
5/2/20 16:00	5.2	245.0	043	13.92	69.2	68.37	69.93	27.62	0.00	13.65
5/2/20 17:00	5.5	246.0	040	13.10	69.4	68.50	70.74	28.38	0.00	13.65

5/2/20 18:00	6.5	221.6	028	14.98	69.9	69.07	71.00	28.99	0.00	13.64
5/2/20 19:00	6.1	223.1	025	13.83	68.8	68.26	69.64	28.58	0.00	13.65
5/2/20 20:00	5.2	226.8	022	10.63	68.5	67.63	69.21	30.15	0.00	13.54
5/2/20 21:00	3.0	200.1	026	8.79	66.3	64.60	67.67	36.82	0.00	13.4
5/2/20 22:00	2.1	178.6	022	5.04	63.8	62.78	64.61	40.79	0.00	13.3
5/2/20 23:00	3.6	185.8	024	9.85	62.6	62.19	62.94	44.68	0.00	13.21
5/3/20 0:00	3.1	199.2	021	7.15	61.9	61.55	62.22	49.2	0.00	13.14
5/3/20 1:00	3.6	197.4	022	8.38	62.4	62.00	63.02	50.36	0.00	13.09
5/3/20 2:00	4.0	202.6	022	8.61	63.0	62.81	63.31	50.18	0.00	13.04
5/3/20 3:00	4.4	218.3	023	9.39	63.6	63.30	63.83	49.58	0.00	13.01
5/3/20 4:00	4.3	213.5	023	8.61	63.3	62.90	63.59	51.33	0.00	12.98
5/3/20 5:00	3.9	229.2	022	7.74	62.4	61.87	63.05	53.74	0.00	12.96
5/3/20 6:00	2.3	249.1	027	5.91	61.6	61.37	61.96	56.09	0.00	12.95
5/3/20 7:00	1.5	6.1	041	3.02	60.3	59.09	61.39	61.91	0.00	12.95
5/3/20 8:00	0.5	31.3	067	2.24	59.6	58.77	60.92	70.39	0.00	13.08
5/3/20 9:00	2.9	233.7	027	6.78	61.4	60.80	62.15	63.96	0.00	13.81
5/3/20 10:00	2.0	261.8	041	4.40	62.1	61.89	62.32	63.47	0.00	13.8
5/3/20 11:00	1.6	239.0	079	6.18	62.5	61.72	63.12	68.44	0.00	13.8
5/3/20 12:00	3.2	212.9	027	7.01	63.7	62.64	65.70	70.41	0.00	13.77
5/3/20 13:00	4.1	229.9	031	9.21	67.5	65.71	69.54	71.68	0.00	13.71
5/3/20 14:00	7.4	247.0	031	13.69	72.7	69.55	75.07	64.64	0.00	13.62
5/3/20 15:00	8.0	258.6	025	19.47	75.6	74.92	76.55	58.65	0.00	13.59
5/3/20 16:00	7.1	242.3	028	16.67	75.8	74.90	77.47	56.95	0.00	13.59
5/3/20 17:00	7.5	263.4	028	18.41	76.4	75.35	77.72	54.63	0.00	13.58
5/3/20 18:00	8.0	273.4	024	16.99	77.2	76.40	78.55	52.73	0.00	13.58
5/3/20 19:00	3.3	242.0	026	9.76	75.7	75.36	76.84	56.6	0.00	13.59
5/3/20 20:00	1.7	231.0	031	4.08	74.4	73.42	75.35	60.37	0.00	13.45
5/3/20 21:00	1.3	337.3	072	3.48	72.7	69.95	73.45	64.06	0.00	13.32
5/3/20 22:00	3.5	336.6	022	11.59	69.3	67.52	70.76	74.7	0.01	13.22
5/3/20 23:00	6.2	332.0	014	14.34	64.7	63.43	67.50	91.3	0.18	13.15
5/4/20 0:00	3.0	286.4	048	7.56	63.0	62.68	63.45	97.1	0.08	13.09
5/4/20 1:00	3.6	292.4	022	8.38	62.5	62.04	62.92	97	0.10	13.05
5/4/20 2:00	2.8	244.1	050	8.75	61.6	61.26	62.14	95.2	0.02	13.02
5/4/20 3:00	2.8	249.5	030	6.28	61.2	61.09	61.36	96.9	0.00	12.99
5/4/20 4:00	4.1	298.5	017	8.20	61.3	61.04	61.60	94.3	0.00	12.97
5/4/20 5:00	5.8	306.0	011	11.82	61.2	61.03	61.33	94.2	0.00	12.95
5/4/20 6:00	6.5	311.6	009	11.08	61.4	61.18	61.61	91.7	0.00	12.94
5/4/20 7:00	6.4	314.8	009	10.95	60.6	60.02	61.38	89.1	0.00	12.94
5/4/20 8:00	6.1	299.3	017	15.11	62.0	60.56	63.06	76.39	0.00	13.27
5/4/20 9:00	7.9	304.7	018	17.08	63.8	62.89	64.86	60.15	0.00	13.76
5/4/20 10:00	12.3	312.3	013	24.64	65.2	64.46	66.09	44.32	0.00	13.74
5/4/20 11:00	13.1	313.0	014	26.15	66.7	65.87	67.58	37.25	0.00	13.7
5/4/20 12:00	14.5	316.6	016	27.89	67.9	67.32	68.47	33.61	0.00	13.7

5/4/20 13:00	16.4	318.0	017	30.87	69.1	68.05	70.00	30.99	0.00	13.67
5/4/20 14:00	14.4	318.6	019	25.97	70.0	69.37	70.84	31.77	0.00	13.67
5/4/20 15:00	16.3	326.6	018	33.80	68.7	67.61	69.97	32.67	0.00	13.67
5/4/20 16:00	17.1	328.2	015	29.40	67.3	66.87	68.46	30.62	0.00	13.67
5/4/20 17:00	13.7	336.2	019	26.43	66.8	66.34	67.28	30.83	0.00	13.67
5/4/20 18:00	13.3	334.1	020	23.95	66.0	65.02	66.94	31.32	0.00	13.68
5/4/20 19:00	14.9	326.8	014	27.57	64.3	63.56	65.06	32.04	0.00	13.68
5/4/20 20:00	9.0	334.6	017	17.36	62.3	60.46	63.58	35.17	0.00	13.64
5/4/20 21:00	6.5	347.1	019	13.60	59.4	58.09	60.75	39.5	0.00	13.45
5/4/20 22:00	6.3	341.6	016	12.78	57.5	56.60	58.24	43.1	0.00	13.35
5/4/20 23:00	5.0	345.5	020	11.13	55.7	54.64	56.57	46.44	0.00	13.26
5/5/20 0:00	4.4	359.8	024	9.89	53.8	52.79	54.75	49.34	0.00	13.19
5/5/20 1:00	3.7	352.0	022	8.20	52.2	51.63	52.91	51.56	0.00	13.13
5/5/20 2:00	4.5	344.9	020	10.72	51.1	50.41	51.75	53.83	0.00	13.07
5/5/20 3:00	4.6	332.2	017	10.81	49.9	49.18	50.63	56.53	0.00	13.03
5/5/20 4:00	4.3	342.3	018	9.34	49.0	48.01	49.48	57.12	0.00	13
5/5/20 5:00	2.4	6.2	033	8.38	47.6	46.71	48.16	60.42	0.00	12.97
5/5/20 6:00	1.9	347.4	042	6.00	45.8	45.03	46.70	65.35	0.00	12.95
5/5/20 7:00	1.3	306.0	029	3.71	45.1	44.07	46.35	69.05	0.00	12.95
5/5/20 8:00	1.9	359.1	039	4.49	47.3	46.35	48.12	64.51	0.00	13.72
5/5/20 9:00	3.2	335.9	029	7.19	48.8	48.12	50.06	57.65	0.00	13.94
5/5/20 10:00	2.5	17.5	080	6.73	51.1	49.65	52.32	49.44	0.00	13.88
5/5/20 11:00	3.1	290.6	049	7.37	52.3	51.80	53.11	46.08	0.00	13.88
5/5/20 12:00	3.4	301.7	050	9.66	52.9	52.42	53.68	46.21	0.00	13.84
5/5/20 13:00	3.5	276.9	044	7.79	53.5	52.95	54.12	45.83	0.00	13.84
5/5/20 14:00	2.9	38.7	100	7.24	54.0	53.39	54.69	44.47	0.00	13.84
5/5/20 15:00	2.7	187.5	057	7.69	55.0	53.82	55.40	42.56	0.00	13.84
5/5/20 16:00	3.2	250.7	050	8.79	55.6	55.16	56.23	43.6	0.00	13.84
5/5/20 17:00	1.4	307.8	085	5.27	56.0	55.55	56.53	43.91	0.00	13.84
5/5/20 18:00	1.3	309.1	056	4.44	55.8	55.45	56.32	45.55	0.00	13.84
5/5/20 19:00	1.5	79.5	019	3.21	55.1	54.77	55.56	47.97	0.00	13.84
5/5/20 20:00	1.7	75.3	028	2.89	54.0	52.60	54.80	55.72	0.00	13.62
5/5/20 21:00	2.8	164.2	072	11.77	52.1	49.83	52.96	69.53	0.01	13.5
5/5/20 22:00	2.2	253.6	040	6.09	48.8	48.17	49.82	92.3	0.05	13.41
5/5/20 23:00	1.0	264.7	068	3.85	47.9	47.73	48.21	96.3	0.03	13.32
5/6/20 0:00	1.3	159.0	021	4.17	47.6	47.26	47.93	97.7	0.04	13.24
5/6/20 1:00	2.1	158.9	025	5.04	47.2	47.12	47.32	98.2	0.02	13.17
5/6/20 2:00	1.8	126.4	027	5.54	47.1	46.99	47.31	97.1	0.00	13.11
5/6/20 3:00	2.5	126.3	022	5.82	46.9	46.66	47.24	97.3	0.01	13.05
5/6/20 4:00	2.8	138.5	023	7.33	46.7	46.54	46.75	98.8	0.01	13.01
5/6/20 5:00	2.8	138.4	024	9.43	46.8	46.67	46.87	99.2	0.00	12.97
5/6/20 6:00	2.7	126.8	020	5.63	46.8	46.71	47.01	99.3	0.00	12.94
5/6/20 7:00	2.5	133.0	022	6.18	47.2	47.00	47.47	99.8	0.02	12.93

5/6/20 8:00	2.0	143.1	023	4.99	47.8	47.43	48.22	100	0.03	12.97
5/6/20 9:00	2.2	148.6	028	5.36	48.6	48.17	49.11	99.9	0.05	13.16
5/6/20 10:00	3.1	139.8	022	6.82	48.9	48.64	49.34	99.2	0.02	13.97
5/6/20 11:00	2.5	161.1	028	5.86	49.6	49.36	49.80	99	0.02	13.97
5/6/20 12:00	3.0	225.1	036	7.88	50.1	49.59	51.08	97.6	0.08	13.94
5/6/20 13:00	3.1	299.2	026	7.42	51.8	51.08	52.88	90.5	0.02	13.91
5/6/20 14:00	3.7	344.7	028	9.39	53.1	52.68	53.66	83	0.00	13.88
5/6/20 15:00	6.7	321.7	021	15.07	51.1	50.12	52.70	86.1	0.03	13.88
5/6/20 16:00	6.0	322.6	016	15.53	52.2	50.50	53.75	78.96	0.00	13.88
5/6/20 17:00	9.9	324.2	017	19.92	52.7	51.90	53.58	62.99	0.00	13.88
5/6/20 18:00	9.4	329.3	015	17.59	51.7	50.51	52.57	61.78	0.00	13.88
5/6/20 19:00	9.3	324.9	016	17.36	49.7	49.00	50.55	64.43	0.00	13.88
5/6/20 20:00	11.0	319.0	011	20.15	47.9	47.03	49.05	67.23	0.00	13.81
5/6/20 21:00	11.2	319.3	012	22.26	45.7	44.65	47.06	78.47	0.00	13.6
5/6/20 22:00	10.7	322.5	012	18.50	44.5	44.31	44.68	89.3	0.00	13.5
5/6/20 23:00	8.7	335.2	017	18.55	44.3	44.02	44.39	92.1	0.01	13.41
5/7/20 0:00	6.4	345.4	021	13.24	43.9	43.77	44.06	93.9	0.00	13.32
5/7/20 1:00	4.3	347.4	021	11.18	43.9	43.80	43.97	92.6	0.00	13.24
5/7/20 2:00	4.0	344.9	021	10.72	43.6	43.34	43.93	91.4	0.00	13.17
5/7/20 3:00	4.2	330.3	010	7.88	42.9	42.04	43.33	91.1	0.00	13.11
5/7/20 4:00	3.1	320.3	009	7.19	41.4	41.11	42.16	92.4	0.00	13.06
5/7/20 5:00	1.5	320.0	017	4.31	41.3	40.12	41.87	91.6	0.00	13.01
5/7/20 6:00	3.3	318.9	008	6.28	40.2	39.74	40.53	91.4	0.00	12.97
5/7/20 7:00	5.6	314.8	009	9.85	40.8	39.93	41.87	88.5	0.01	12.97
5/7/20 8:00	7.9	318.8	010	14.06	43.2	41.85	44.90	78.48	0.00	13.58
5/7/20 9:00	8.2	325.2	013	14.29	46.8	44.87	48.86	64.81	0.00	13.98
5/7/20 10:00	7.5	331.2	019	13.79	50.6	48.84	52.03	51.09	0.00	13.91
5/7/20 11:00	7.9	321.5	018	16.44	53.6	52.02	55.04	43.49	0.00	13.88
5/7/20 12:00	8.3	314.1	023	19.51	56.1	54.56	57.43	38.43	0.00	13.84
5/7/20 13:00	9.2	318.4	030	18.55	57.8	56.95	59.07	31.3	0.00	13.81
5/7/20 14:00	10.4	301.3	022	21.71	59.3	58.14	61.18	31.02	0.00	13.78
5/7/20 15:00	7.9	302.5	030	16.63	61.3	59.81	62.38	26.72	0.00	13.74
5/7/20 16:00	10.0	308.3	021	21.76	63.1	61.90	63.84	24.31	0.00	13.74
5/7/20 17:00	9.9	303.3	021	22.44	64.3	63.25	65.55	23.66	0.00	13.71
5/7/20 18:00	9.6	294.7	022	19.01	64.5	63.15	65.92	23.58	0.00	13.71
5/7/20 19:00	7.8	270.1	020	16.63	64.8	63.72	66.07	23.9	0.00	13.71
5/7/20 20:00	6.3	270.3	017	13.69	63.5	62.21	64.62	25.29	0.00	13.71
5/7/20 21:00	4.0	258.6	019	8.56	61.1	60.49	62.31	26.9	0.00	13.5
5/7/20 22:00	3.2	240.0	016	6.87	59.6	58.90	60.53	28.42	0.00	13.39
5/7/20 23:00	3.4	243.2	018	6.69	58.3	57.42	59.12	30.34	0.00	13.3
5/8/20 0:00	3.2	235.2	017	6.87	56.7	55.85	57.46	32.91	0.00	13.22
5/8/20 1:00	3.5	239.5	019	6.82	56.0	55.62	56.33	34.4	0.00	13.15
5/8/20 2:00	3.4	231.8	017	7.10	55.3	54.70	56.14	35.35	0.00	13.09

5/8/20 3:00	2.4	236.6	023	5.86	53.9	52.96	54.79	38.71	0.00	13.04
5/8/20 4:00	3.5	319.1	048	10.58	51.3	49.82	53.35	46.52	0.00	13
5/8/20 5:00	1.1	8.8	076	3.57	49.3	47.25	51.14	54.46	0.00	12.97
5/8/20 6:00	0.7	144.6	054	2.24	48.9	47.96	49.86	57.59	0.00	12.94
5/8/20 7:00	0.9	123.2	046	3.21	48.8	47.26	50.14	62.21	0.00	12.94
5/8/20 8:00	0.8	170.9	025	2.43	51.4	49.44	53.73	56.67	0.00	13.2
5/8/20 9:00	3.2	239.1	030	7.60	55.4	53.73	56.38	51.57	0.00	13.9
5/8/20 10:00	4.7	263.7	035	13.88	57.3	56.27	58.07	50.93	0.00	13.84
5/8/20 11:00	3.1	271.4	029	7.69	57.8	57.30	58.22	53.08	0.00	13.84
5/8/20 12:00	4.1	277.5	047	9.80	57.7	56.87	58.49	58.03	0.00	13.84
5/8/20 13:00	2.4	282.7	098	7.19	58.9	58.22	59.61	60.1	0.00	13.84
5/8/20 14:00	6.5	341.9	028	22.17	56.6	55.55	58.60	66.95	0.00	13.84
5/8/20 15:00	2.2	100.4	082	7.92	56.2	55.65	56.62	70.53	0.00	13.84
5/8/20 16:00	2.1	209.0	055	7.88	57.5	56.32	58.37	69.07	0.00	13.84
5/8/20 17:00	2.0	267.5	024	4.63	56.9	56.14	58.07	76.47	0.01	13.84
5/8/20 18:00	2.7	239.7	045	8.15	55.3	54.74	56.16	85	0.02	13.84
5/8/20 19:00	4.6	214.6	021	10.58	54.0	53.36	54.81	88	0.02	13.84
5/8/20 20:00	6.5	250.2	043	21.66	52.2	47.56	53.34	91.1	0.14	13.63
5/8/20 21:00	8.7	327.0	012	15.30	46.7	46.43	47.54	94	0.06	13.52
5/8/20 22:00	10.5	319.3	013	27.89	46.4	44.34	46.79	89.6	0.02	13.42
5/8/20 23:00	15.3	327.8	013	32.47	41.1	40.08	44.29	80.8	0.00	13.34
5/9/20 0:00	15.4	328.2	013	28.17	39.5	38.88	40.12	71.51	0.00	13.26
5/9/20 1:00	12.1	331.7	016	25.51	38.4	37.88	38.88	65.82	0.00	13.19
5/9/20 2:00	12.5	328.7	014	24.18	37.6	37.26	37.98	56.59	0.00	13.13
5/9/20 3:00	10.8	325.3	014	18.69	36.5	35.80	37.34	55.87	0.00	13.07
5/9/20 4:00	8.6	319.8	011	17.22	35.2	34.35	35.87	57.99	0.00	13.02
5/9/20 5:00	8.4	321.4	008	18.64	34.4	33.54	35.05	58.61	0.00	12.97
5/9/20 6:00	8.8	319.0	009	14.70	33.7	33.32	34.09	55.31	0.00	12.94
5/9/20 7:00	10.0	320.0	009	17.45	33.4	33.03	33.83	52.89	0.00	12.94
5/9/20 8:00	11.2	321.2	012	20.66	34.5	33.81	35.20	50.05	0.00	13.71
5/9/20 9:00	12.5	324.4	015	25.05	35.9	34.98	37.05	45.83	0.00	14.12
5/9/20 10:00	11.0	332.0	025	24.50	38.2	36.38	39.47	42.59	0.00	14.09
5/9/20 11:00	14.1	323.9	017	24.92	39.8	38.74	41.32	40.35	0.00	14.05
5/9/20 12:00	13.3	309.9	016	26.38	42.5	40.21	44.70	37.5	0.00	14.02
5/9/20 13:00	14.6	315.0	015	25.24	43.6	42.00	45.15	35.75	0.00	13.98
5/9/20 14:00	13.4	307.3	017	25.56	45.2	44.28	46.30	36.46	0.00	13.98
5/9/20 15:00	13.3	302.9	014	23.31	45.0	44.12	47.18	38.46	0.00	13.98
5/9/20 16:00	15.8	309.6	016	31.74	45.5	44.51	47.05	40.75	0.00	13.98
5/9/20 17:00	14.4	308.8	016	25.74	45.6	44.58	47.37	40.14	0.00	13.98
5/9/20 18:00	15.3	319.2	016	28.76	45.9	45.33	46.73	32.67	0.00	13.98
5/9/20 19:00	14.6	322.4	011	26.70	45.5	44.50	46.63	32.78	0.00	13.98
5/9/20 20:00	11.8	330.5	017	25.10	43.9	42.98	44.68	35.12	0.00	13.98
5/9/20 21:00	8.5	327.0	013	19.56	41.8	39.73	42.98	36.79	0.00	13.68

5/9/20 22:00	5.4	305.7	012	8.93	39.0	37.88	39.92	44.66	0.00	13.58
5/9/20 23:00	3.1	282.9	019	5.36	37.5	36.14	39.08	50.54	0.00	13.5
5/10/20 0:00	1.7	248.4	036	4.53	37.7	35.49	38.82	49.25	0.00	13.42
5/10/20 1:00	1.4	246.6	027	4.12	36.2	34.66	37.24	56.54	0.00	13.34
5/10/20 2:00	1.8	250.1	032	4.53	35.4	34.14	36.26	59.15	0.00	13.26
5/10/20 3:00	2.6	262.9	024	5.45	35.7	34.85	36.22	58.11	0.00	13.19
5/10/20 4:00	2.9	264.5	019	7.15	35.9	35.14	36.38	58.62	0.00	13.12
5/10/20 5:00	1.9	260.4	027	3.62	35.5	35.05	35.91	60.49	0.00	13.06
5/10/20 6:00	0.5	144.1	039	1.42	34.7	33.90	35.82	64.42	0.00	13.01
5/10/20 7:00	0.7	265.5	037	8.70	34.7	32.40	38.09	67.22	0.00	13.01
5/10/20 8:00	3.3	231.1	027	10.03	40.4	38.10	43.47	52.5	0.00	14.11
5/10/20 9:00	5.4	239.7	028	12.64	46.2	43.48	48.91	43.05	0.00	14.01
5/10/20 10:00	6.3	251.1	032	14.24	50.7	48.84	51.96	37.09	0.00	13.92
5/10/20 11:00	7.6	239.2	031	17.72	52.9	51.38	54.34	34.13	0.00	13.88
5/10/20 12:00	6.8	240.1	032	17.08	55.3	53.68	57.14	32.14	0.00	13.84
5/10/20 13:00	8.0	234.1	034	17.59	57.1	55.80	58.60	29.52	0.00	13.81
5/10/20 14:00	7.7	214.4	032	17.86	58.6	57.30	60.18	27.51	0.00	13.8
5/10/20 15:00	7.2	225.9	040	17.17	60.6	59.60	61.96	26.79	0.00	13.78
5/10/20 16:00	7.5	209.2	038	18.64	61.8	61.04	62.82	26.03	0.00	13.74
5/10/20 17:00	6.8	221.6	035	15.89	62.8	61.86	64.14	25.34	0.00	13.74
5/10/20 18:00	7.5	211.6	027	16.58	63.1	62.28	63.68	25.63	0.00	13.74
5/10/20 19:00	7.6	215.6	027	16.99	62.9	62.66	63.22	26.22	0.00	13.74
5/10/20 20:00	5.8	211.9	026	15.39	62.1	61.19	62.67	26.61	0.00	13.73
5/10/20 21:00	1.9	161.4	028	5.68	59.2	57.68	61.25	31.51	0.00	13.52
5/10/20 22:00	1.6	144.2	010	3.53	56.0	54.74	57.77	37.78	0.00	13.42
5/10/20 23:00	2.1	136.6	012	3.85	54.4	53.63	55.27	43.1	0.00	13.33
5/11/20 0:00	2.5	136.8	014	6.09	52.9	52.10	54.05	48.48	0.00	13.25
5/11/20 1:00	1.7	158.8	026	5.27	51.9	50.66	52.75	52.78	0.00	13.18
5/11/20 2:00	1.8	214.1	046	5.63	51.1	50.40	52.09	57.05	0.00	13.12
5/11/20 3:00	3.3	268.7	033	8.79	51.2	49.16	51.98	58.43	0.00	13.06
5/11/20 4:00	2.6	305.8	047	7.33	49.9	48.52	51.36	62.34	0.00	13.01
5/11/20 5:00	1.4	332.3	030	5.27	49.4	48.45	50.04	63.89	0.00	12.98
5/11/20 6:00	3.2	297.3	028	7.69	50.0	48.59	50.94	67.27	0.00	12.95
5/11/20 7:00	3.3	10.5	066	6.82	48.7	47.56	50.16	78.33	0.00	12.94
5/11/20 8:00	5.8	298.1	017	12.27	51.5	49.50	52.33	68.06	0.00	13.59
5/11/20 9:00	9.6	295.1	018	18.50	52.6	51.60	54.36	60.49	0.00	13.93
5/11/20 10:00	11.5	296.4	023	24.37	54.2	53.11	56.12	48.92	0.00	13.87
5/11/20 11:00	10.5	293.6	020	23.40	53.6	52.60	55.36	47	0.00	13.88
5/11/20 12:00	11.2	303.8	019	22.90	55.3	53.58	56.51	43.85	0.00	13.84
5/11/20 13:00	12.5	304.0	016	23.27	54.7	53.78	55.97	43.81	0.00	13.84
5/11/20 14:00	13.1	296.1	019	27.48	55.9	53.78	57.20	42.21	0.00	13.84
5/11/20 15:00	15.6	302.2	016	30.27	56.3	55.08	57.79	42.13	0.00	13.8
5/11/20 16:00	16.5	308.4	016	28.63	54.7	53.37	56.24	43.24	0.00	13.81

5/11/20 17:00	16.9	312.8	016	31.56	53.7	52.77	54.66	43.05	0.00	13.81
5/11/20 18:00	14.3	312.8	017	26.98	53.1	51.76	54.84	43.62	0.00	13.81
5/11/20 19:00	14.5	314.2	014	25.79	51.1	50.59	51.74	46.04	0.00	13.81
5/11/20 20:00	10.4	327.6	014	19.42	49.6	48.90	50.57	49.29	0.00	13.67
5/11/20 21:00	13.4	302.6	013	24.27	47.4	46.60	48.97	56.57	0.00	13.55
5/11/20 22:00	11.5	302.9	015	22.76	46.1	45.81	46.63	57.36	0.00	13.46
5/11/20 23:00	9.4	298.2	013	17.77	45.7	45.49	45.82	57.56	0.00	13.37
5/12/20 0:00	7.0	300.6	015	13.28	45.4	45.06	45.60	56.41	0.00	13.29
5/12/20 1:00	7.2	306.7	012	13.10	45.2	45.06	45.36	55.43	0.00	13.21
5/12/20 2:00	8.0	310.4	014	17.40	45.0	44.83	45.25	53.49	0.00	13.14
5/12/20 3:00	4.7	288.6	020	11.68	43.6	42.19	44.90	58.41	0.00	13.09
5/12/20 4:00	4.2	317.3	009	9.02	41.8	40.90	42.76	63.58	0.00	13.04
5/12/20 5:00	4.3	310.6	010	9.21	40.6	39.53	41.53	65.54	0.00	12.99
5/12/20 6:00	3.4	297.4	020	6.92	40.1	39.31	41.07	66.81	0.00	12.96
5/12/20 7:00	4.4	293.5	014	9.16	41.9	40.93	42.61	63.49	0.00	12.96
5/12/20 8:00	5.1	292.6	023	11.45	43.4	42.60	44.37	61.11	0.00	13.26
5/12/20 9:00	6.7	306.6	017	12.73	44.9	44.17	46.91	59.7	0.00	14.01
5/12/20 10:00	9.6	312.9	025	17.54	47.9	46.37	49.45	54.29	0.00	13.94
5/12/20 11:00	9.5	310.9	016	17.95	48.7	47.99	49.38	50.14	0.00	13.94
5/12/20 12:00	10.8	298.4	020	19.92	50.6	49.37	53.13	44.8	0.00	13.91
5/12/20 13:00	11.3	300.7	017	19.47	52.2	50.98	53.82	41.46	0.00	13.88
5/12/20 14:00	11.2	293.3	023	23.27	54.1	52.25	55.73	37.45	0.00	13.84
5/12/20 15:00	11.8	301.9	021	21.71	55.1	53.55	56.78	35.06	0.00	13.84
5/12/20 16:00	10.7	305.1	019	22.21	56.3	54.46	59.70	32.27	0.00	13.84
5/12/20 17:00	12.1	305.6	015	23.59	58.6	57.33	59.77	28.68	0.00	13.78
5/12/20 18:00	9.7	308.1	021	26.75	58.6	57.33	59.80	28.06	0.00	13.78
5/12/20 19:00	9.8	305.8	019	20.01	58.8	57.38	59.47	27.18	0.00	13.78
5/12/20 20:00	7.2	332.7	016	14.61	57.2	55.70	58.34	29.19	0.00	13.78
5/12/20 21:00	3.1	339.5	015	8.15	54.4	52.68	55.69	31.91	0.00	13.58
5/12/20 22:00	1.8	307.6	016	4.53	49.8	48.05	52.70	42.06	0.00	13.47
5/12/20 23:00	0.7	340.2	031	2.38	48.3	46.78	49.19	45.8	0.00	13.39
5/13/20 0:00	3.5	311.9	010	5.73	48.2	46.83	49.67	44.25	0.00	13.31
5/13/20 1:00	2.9	309.7	012	6.28	47.7	46.14	48.46	44.95	0.00	13.23
5/13/20 2:00	0.5	30.2	031	2.79	45.3	43.36	46.14	52.03	0.00	13.16
5/13/20 3:00	2.1	11.4	060	4.12	41.0	39.78	43.34	73.02	0.00	13.1
5/13/20 4:00	2.2	357.4	042	4.17	42.3	39.92	43.66	63.82	0.00	13.04
5/13/20 5:00	1.2	35.5	023	3.94	38.2	36.76	39.89	81.9	0.00	13
5/13/20 6:00	0.3	47.3	030	1.74	37.7	37.02	38.58	82.6	0.00	12.96
5/13/20 7:00	2.0	31.5	023	4.35	37.5	35.92	39.84	85.7	0.00	12.97
5/13/20 8:00	0.7	326.1	031	6.41	45.4	39.59	51.59	71.31	0.00	14.07
5/13/20 9:00	4.6	295.3	017	9.48	54.3	51.61	55.80	40.09	0.00	13.91
5/13/20 10:00	6.5	280.4	021	12.32	56.8	55.48	58.19	36.26	0.00	13.85
5/13/20 11:00	7.5	300.6	024	13.37	58.9	57.95	59.70	35.56	0.00	13.72

5/13/20 12:00	7.6	293.1	027	17.31	61.2	59.67	62.52	31.03	0.00	13.72
5/13/20 13:00	7.3	298.0	031	15.16	62.9	61.17	64.00	28.91	0.00	13.71
5/13/20 14:00	7.9	288.5	033	16.67	64.3	62.92	65.27	28.51	0.00	13.71
5/13/20 15:00	8.3	302.5	032	18.37	65.4	64.00	67.02	27.34	0.00	13.71
5/13/20 16:00	7.2	291.4	042	16.76	66.1	64.88	67.65	25.84	0.00	13.68
5/13/20 17:00	7.0	306.5	029	15.62	67.3	65.76	68.85	24.83	0.00	13.68
5/13/20 18:00	5.8	303.0	034	12.73	67.9	67.47	68.65	24.69	0.00	13.68
5/13/20 19:00	3.8	257.9	037	11.40	67.7	67.14	68.29	24.55	0.00	13.68
5/13/20 20:00	2.2	250.1	035	7.05	66.6	64.90	67.33	25.32	0.00	13.68
5/13/20 21:00	1.8	220.5	020	6.18	63.4	61.77	65.08	30.96	0.00	13.48
5/13/20 22:00	0.5	317.6	040	2.06	59.6	58.40	61.76	36.78	0.00	13.38
5/13/20 23:00	1.8	43.3	030	3.66	54.5	50.23	58.38	50.22	0.00	13.3
5/14/20 0:00	2.5	49.5	031	4.90	51.4	48.96	53.61	60.46	0.00	13.22
5/14/20 1:00	2.4	36.3	024	4.58	47.9	45.67	50.79	73.64	0.00	13.15
5/14/20 2:00	1.7	42.2	028	3.30	44.8	44.14	47.43	84.9	0.00	13.09
5/14/20 3:00	1.6	51.3	028	3.34	43.8	43.29	44.77	88.7	0.00	13.04
5/14/20 4:00	1.1	39.9	026	3.25	42.3	41.87	43.31	93.1	0.00	13
5/14/20 5:00	0.9	61.1	027	2.57	42.5	41.31	43.71	91.9	0.00	12.96
5/14/20 6:00	1.0	57.5	029	2.93	43.1	42.40	43.87	91.9	0.00	12.93
5/14/20 7:00	1.4	32.7	019	3.39	45.3	43.64	47.16	90.4	0.00	12.93
5/14/20 8:00	0.9	68.5	038	3.94	48.3	45.68	52.68	86.2	0.00	13.31
5/14/20 9:00	2.4	146.6	029	4.90	53.7	52.51	56.32	71.17	0.00	13.9
5/14/20 10:00	4.2	201.0	030	10.58	59.0	56.32	61.37	60.81	0.00	13.81
5/14/20 11:00	5.9	197.0	027	13.97	60.6	60.06	61.30	61.33	0.00	13.78
5/14/20 12:00	5.0	178.6	032	12.73	61.6	60.40	63.43	62.58	0.00	13.75
5/14/20 13:00	5.7	203.8	029	13.14	63.3	62.28	64.62	59.82	0.00	13.74
5/14/20 14:00	7.6	207.9	023	15.57	65.0	64.27	65.92	59.17	0.00	13.71
5/14/20 15:00	5.0	197.3	034	10.85	66.4	65.79	67.01	58.52	0.00	13.68
5/14/20 16:00	5.2	214.3	037	11.63	68.0	66.80	69.15	57.75	0.00	13.68
5/14/20 17:00	5.6	208.1	027	11.77	68.0	67.44	68.67	58.68	0.00	13.68
5/14/20 18:00	4.4	186.7	028	9.48	67.5	67.25	68.04	62.21	0.00	13.68
5/14/20 19:00	3.5	193.5	036	8.15	68.4	67.32	69.13	61.08	0.00	13.65
5/14/20 20:00	2.4	149.6	027	5.95	68.4	66.71	69.17	62.22	0.00	13.64
5/14/20 21:00	1.5	151.0	019	3.62	66.2	65.63	66.72	66.36	0.00	13.44
5/14/20 22:00	1.4	125.5	039	3.66	64.0	62.57	66.30	76.46	0.00	13.34
5/14/20 23:00	1.5	160.3	025	4.26	63.3	61.89	64.09	78.83	0.00	13.24
5/15/20 0:00	3.2	198.7	023	8.29	64.1	63.51	64.59	79.67	0.00	13.17
5/15/20 1:00	3.4	208.5	019	7.24	64.0	63.73	64.56	84.2	0.00	13.1
5/15/20 2:00	4.0	210.9	019	8.52	64.9	64.44	65.50	82.9	0.00	13.05
5/15/20 3:00	3.4	215.0	021	8.75	65.0	64.69	65.33	83.5	0.00	13.01
5/15/20 4:00	2.9	230.2	026	7.19	64.9	64.64	65.17	83.8	0.00	12.98
5/15/20 5:00	3.6	228.5	020	7.74	65.4	65.11	65.58	82.5	0.00	12.96
5/15/20 6:00	3.1	240.5	022	8.98	64.7	64.07	65.44	84.1	0.00	12.95

5/15/20 7:00	2.5	237.4	024	5.77	63.8	63.52	64.34	86.8	0.00	12.96
5/15/20 8:00	3.0	232.4	026	8.29	65.2	64.36	66.84	83.8	0.00	13.67
5/15/20 9:00	4.4	236.2	029	9.07	68.4	66.87	69.18	76.25	0.00	13.71
5/15/20 10:00	3.9	236.6	032	8.34	71.8	69.23	73.53	69.29	0.00	13.65
5/15/20 11:00	5.4	227.0	028	11.68	74.9	73.38	76.09	61.58	0.00	13.61
5/15/20 12:00	6.4	221.2	029	12.82	77.2	76.09	78.54	56.78	0.00	13.58
5/15/20 13:00	6.4	217.8	030	15.16	79.9	78.53	81.40	49.45	0.00	13.55
5/15/20 14:00	6.2	240.1	037	14.66	82.5	81.00	83.80	44.2	0.00	13.52
5/15/20 15:00	7.2	215.6	034	17.08	83.7	81.50	84.60	39.67	0.00	13.5
5/15/20 16:00	8.0	200.6	030	19.56	83.6	82.60	84.60	42.47	0.00	13.49
5/15/20 17:00	8.5	218.7	027	18.64	84.8	83.80	85.60	36.19	0.00	13.49
5/15/20 18:00	9.1	221.5	026	22.08	84.7	84.40	85.40	35.78	0.00	13.49
5/15/20 19:00	10.2	219.2	027	20.84	83.9	83.20	84.60	35.7	0.00	13.49
5/15/20 20:00	8.4	221.6	022	18.64	82.4	81.50	83.20	37.06	0.00	13.49
5/15/20 21:00	7.0	222.2	022	13.92	80.4	79.36	81.60	39.7	0.00	13.31
5/15/20 22:00	5.5	226.7	019	12.00	78.2	77.13	79.50	43.09	0.00	13.2
5/15/20 23:00	6.1	233.0	020	13.56	76.7	76.24	77.17	48.49	0.00	13.12
5/16/20 0:00	5.3	249.8	021	12.23	75.6	75.10	76.30	52.07	0.00	13.07
5/16/20 1:00	4.4	246.5	023	11.18	74.6	74.07	75.10	54.47	0.00	13.03
5/16/20 2:00	3.7	245.1	022	8.02	73.4	72.35	74.13	57.73	0.00	13.01
5/16/20 3:00	3.6	241.9	022	7.51	72.0	71.37	72.47	61.31	0.00	12.98
5/16/20 4:00	2.8	252.4	018	7.28	70.5	69.78	71.35	65.08	0.00	12.97
5/16/20 5:00	2.4	242.9	020	4.53	69.4	68.62	69.88	67.94	0.00	12.96
5/16/20 6:00	3.0	271.6	024	6.64	67.4	66.37	68.61	72.93	0.00	12.95
5/16/20 7:00	3.7	313.2	020	7.42	66.7	66.02	68.19	75.57	0.00	12.96
5/16/20 8:00	5.0	355.5	024	12.64	68.9	68.21	69.41	71.91	0.00	13.69
5/16/20 9:00	5.1	9.4	032	12.92	69.7	69.13	70.81	69.37	0.00	13.67
5/16/20 10:00	4.8	9.4	030	12.50	71.1	70.29	72.50	64.98	0.00	13.64
5/16/20 11:00	5.7	0.4	037	14.24	72.1	71.23	73.43	58.55	0.00	13.61
5/16/20 12:00	5.9	19.9	035	13.69	74.1	73.06	74.92	45.79	0.00	13.59
5/16/20 13:00	6.2	17.2	041	14.70	75.5	74.54	76.46	41.02	0.00	13.58
5/16/20 14:00	5.2	39.3	052	15.48	75.9	75.13	76.68	40.05	0.00	13.58
5/16/20 15:00	3.8	61.9	049	11.18	76.8	75.13	77.83	39.71	0.00	13.55
5/16/20 16:00	4.0	86.3	039	12.09	77.5	76.29	79.10	38.74	0.00	13.55
5/16/20 17:00	4.5	77.3	032	10.76	78.3	77.13	79.08	36.48	0.00	13.54
5/16/20 18:00	4.5	60.1	035	11.27	78.5	77.34	80.00	33.73	0.00	13.52
5/16/20 19:00	4.1	82.7	023	8.75	76.2	75.20	77.97	35.58	0.00	13.52
5/16/20 20:00	2.9	88.4	033	8.47	74.2	72.92	75.32	39.8	0.00	13.55
5/16/20 21:00	3.0	88.2	032	7.19	71.0	69.57	72.90	48.21	0.00	13.36
5/16/20 22:00	2.0	63.0	024	4.40	68.4	65.65	69.67	51.74	0.00	13.26
5/16/20 23:00	2.3	21.7	013	3.85	63.9	61.54	65.82	65.53	0.00	13.18
5/17/20 0:00	2.4	58.0	039	5.45	61.9	60.87	63.09	71.47	0.00	13.11
5/17/20 1:00	3.4	128.7	016	6.60	63.5	63.08	63.68	72.64	0.00	13.05

5/17/20 2:00	2.8	131.5	017	5.13	62.9	62.10	63.58	79.18	0.00	13.02
5/17/20 3:00	2.4	114.4	017	5.50	61.1	60.21	62.14	86	0.00	12.99
5/17/20 4:00	2.4	103.1	014	4.26	59.9	59.74	60.21	83.6	0.00	12.96
5/17/20 5:00	2.7	90.2	016	6.23	59.7	59.20	59.98	79.83	0.00	12.95
5/17/20 6:00	2.9	92.5	019	5.86	59.1	59.04	59.23	77.8	0.00	12.93
5/17/20 7:00	2.7	84.9	018	5.68	59.1	59.07	59.24	78.53	0.00	12.93
5/17/20 8:00	3.0	97.6	019	7.33	59.6	59.21	60.41	79.79	0.00	13.09
5/17/20 9:00	4.7	105.1	020	9.76	61.3	60.41	61.74	76.01	0.00	13.79
5/17/20 10:00	5.5	104.0	023	13.51	62.0	61.57	62.43	74.11	0.00	13.77
5/17/20 11:00	5.6	113.3	023	13.33	62.5	62.19	62.88	76.21	0.00	13.77
5/17/20 12:00	5.8	121.2	025	13.28	61.8	61.47	62.49	78.47	0.00	13.77
5/17/20 13:00	6.5	124.8	022	14.43	62.5	61.91	63.16	77.25	0.00	13.77
5/17/20 14:00	5.7	117.3	024	13.88	63.2	62.72	63.92	76.41	0.00	13.74
5/17/20 15:00	6.4	122.7	022	11.91	64.5	63.65	65.25	74.32	0.00	13.71
5/17/20 16:00	5.0	132.7	032	12.78	64.8	64.49	65.57	71.67	0.00	13.71
5/17/20 17:00	5.8	117.6	021	11.54	64.3	64.15	64.49	73.39	0.00	13.71
5/17/20 18:00	4.6	118.8	025	10.76	64.3	63.85	64.65	74.73	0.00	13.71
5/17/20 19:00	5.1	113.9	021	11.13	63.7	63.47	63.89	74.52	0.00	13.71
5/17/20 20:00	4.7	105.8	022	11.22	62.9	62.14	63.66	71.32	0.00	13.69
5/17/20 21:00	3.4	93.5	027	9.89	61.2	60.53	62.14	68.77	0.00	13.48
5/17/20 22:00	2.4	81.5	025	5.13	59.9	59.07	60.64	68.53	0.00	13.37
5/17/20 23:00	2.8	116.8	018	6.14	59.1	58.72	59.49	67.44	0.00	13.28
5/18/20 0:00	2.7	93.8	022	5.91	58.0	57.31	58.72	68.92	0.00	13.2
5/18/20 1:00	2.4	87.4	024	5.31	57.5	56.82	58.29	68.89	0.00	13.13
5/18/20 2:00	2.8	100.6	020	6.05	58.4	58.23	58.57	68.34	0.00	13.07
5/18/20 3:00	3.4	96.4	020	9.43	58.0	57.41	58.39	71.95	0.00	13.03
5/18/20 4:00	4.7	111.9	022	10.85	56.9	56.24	57.41	80.1	0.00	12.99
5/18/20 5:00	3.7	98.0	026	8.89	55.7	55.43	56.26	88.6	0.00	12.96
5/18/20 6:00	3.6	84.6	024	8.34	55.0	54.38	55.47	93.1	0.00	12.94
5/18/20 7:00	3.9	88.6	022	9.21	54.4	54.29	54.64	96.9	0.00	12.94
5/18/20 8:00	4.2	82.4	029	9.76	54.8	54.55	55.03	94.7	0.00	13.12
5/18/20 9:00	4.1	84.8	026	10.53	55.6	54.79	56.09	90.6	0.00	13.86
5/18/20 10:00	4.4	82.4	026	11.40	56.5	55.86	57.14	89	0.00	13.84
5/18/20 11:00	4.2	95.8	027	10.31	58.2	57.05	59.19	88.3	0.00	13.81
5/18/20 12:00	4.9	96.7	025	13.42	59.0	58.50	59.56	87.8	0.00	13.8
5/18/20 13:00	5.1	86.1	027	12.09	59.3	58.70	59.82	88.3	0.00	13.8
5/18/20 14:00	5.8	80.3	028	13.33	60.6	59.78	62.11	85.4	0.00	13.77
5/18/20 15:00	5.8	79.1	029	12.46	63.7	62.12	64.65	78.04	0.00	13.74
5/18/20 16:00	5.6	91.9	025	12.27	64.9	64.34	65.40	74.19	0.00	13.74
5/18/20 17:00	6.9	99.5	026	14.75	65.3	65.05	65.89	72.08	0.00	13.71
5/18/20 18:00	6.9	91.3	026	15.43	65.2	64.59	65.87	70.72	0.00	13.71
5/18/20 19:00	5.4	94.3	024	16.03	65.0	64.91	65.16	71.27	0.00	13.71
5/18/20 20:00	3.4	89.4	025	9.62	64.9	64.63	65.14	71.31	0.00	13.64

5/18/20 21:00	4.2	81.9	022	15.53	64.6	64.41	64.79	70.15	0.00	13.47
5/18/20 22:00	6.1	91.6	023	15.43	64.3	63.69	64.75	56.26	0.00	13.35
5/18/20 23:00	5.7	94.2	022	17.36	63.1	62.42	63.70	50.4	0.00	13.26
5/19/20 0:00	4.1	85.6	023	13.97	62.1	61.89	62.52	51.81	0.00	13.18
5/19/20 1:00	4.6	85.9	023	11.54	61.7	61.21	62.09	50.73	0.00	13.12
5/19/20 2:00	4.6	94.0	024	12.87	60.5	59.69	61.29	53.63	0.00	13.06
5/19/20 3:00	3.9	86.5	021	9.30	58.8	57.64	59.72	59.16	0.00	13.02
5/19/20 4:00	4.1	86.0	020	11.45	57.0	55.89	57.72	63.99	0.00	12.98
5/19/20 5:00	3.1	70.2	022	7.92	55.4	54.68	56.04	68.43	0.00	12.95
5/19/20 6:00	3.1	69.7	020	8.06	54.6	54.41	54.84	71.21	0.00	12.93
5/19/20 7:00	3.5	68.5	023	8.47	55.0	54.75	55.46	71.76	0.00	12.93
5/19/20 8:00	4.2	83.8	027	13.42	56.4	55.42	57.31	71.53	0.00	13.86
5/19/20 9:00	5.3	92.7	027	16.44	57.8	57.31	59.20	67.07	0.00	13.83
5/19/20 10:00	7.8	97.0	026	18.50	60.3	59.20	60.93	56.76	0.00	13.77
5/19/20 11:00	8.4	108.1	024	18.09	61.2	60.30	61.76	49.84	0.00	13.77
5/19/20 12:00	8.5	104.0	026	19.47	61.7	61.17	62.63	46	0.00	13.77
5/19/20 13:00	10.5	107.1	027	24.73	63.4	62.26	64.41	39	0.00	13.74
5/19/20 14:00	10.0	107.3	025	21.85	65.1	64.07	66.62	34.17	0.00	13.71
5/19/20 15:00	9.7	111.6	026	22.35	66.4	65.86	67.36	29.99	0.00	13.71
5/19/20 16:00	9.3	104.5	025	20.38	65.6	65.08	66.12	31.87	0.00	13.71
5/19/20 17:00	9.7	117.1	022	21.02	64.1	63.04	65.10	32.97	0.00	13.71
5/19/20 18:00	10.1	115.0	025	24.23	62.2	61.24	63.09	32.54	0.00	13.71
5/19/20 19:00	10.1	112.1	023	24.59	60.5	59.71	61.29	32.55	0.00	13.71
5/19/20 20:00	9.2	108.6	024	20.29	59.3	58.74	59.73	34.78	0.00	13.72
5/19/20 21:00	9.4	105.6	021	23.08	58.3	57.79	58.79	35.46	0.00	13.51
5/19/20 22:00	7.2	107.7	020	16.90	57.2	56.49	57.80	37.85	0.00	13.4
5/19/20 23:00	7.9	110.1	023	18.55	55.9	55.29	56.56	36.85	0.00	13.31
5/20/20 0:00	8.1	106.4	022	17.63	54.8	54.35	55.32	35.97	0.00	13.23
5/20/20 1:00	6.4	98.3	023	15.66	53.9	53.41	54.39	39.01	0.00	13.15
5/20/20 2:00	7.2	99.3	024	21.66	52.9	52.49	53.45	41.98	0.00	13.09
5/20/20 3:00	7.1	96.1	023	15.48	52.1	51.91	52.54	43.16	0.00	13.04
5/20/20 4:00	7.2	98.2	023	19.37	51.7	51.42	51.96	43.08	0.00	13
5/20/20 5:00	7.1	94.6	022	15.66	51.2	51.03	51.46	46	0.00	12.96
5/20/20 6:00	6.7	90.7	022	16.21	51.0	50.84	51.11	47.12	0.00	12.94
5/20/20 7:00	5.8	94.5	024	14.61	50.6	50.47	50.86	49.09	0.00	12.94
5/20/20 8:00	6.9	95.9	023	17.36	50.8	50.74	50.93	51.07	0.00	13.22
5/20/20 9:00	7.1	102.3	026	19.10	51.3	50.89	52.04	53.44	0.00	13.93
5/20/20 10:00	7.2	99.4	026	19.19	52.8	52.00	53.94	55.7	0.00	13.87
5/20/20 11:00	8.2	98.2	026	18.41	53.8	52.74	55.02	56.55	0.00	13.84
5/20/20 12:00	8.6	97.2	030	24.23	56.1	55.05	57.33	56.57	0.03	13.81
5/20/20 13:00	8.8	102.1	025	20.11	57.0	56.30	57.81	57.37	0.00	13.81
5/20/20 14:00	8.0	104.1	029	18.46	59.0	57.62	59.83	53.44	0.00	13.77
5/20/20 15:00	9.1	90.3	026	22.58	60.0	59.21	61.15	49.14	0.00	13.74

5/20/20 16:00	9.8	110.0	026	21.07	60.7	60.15	61.71	47.8	0.00	13.74
5/20/20 17:00	8.6	107.2	028	22.67	60.8	60.22	61.68	47.01	0.00	13.74
5/20/20 18:00	8.5	116.0	024	18.37	60.4	59.67	61.11	47.39	0.00	13.74
5/20/20 19:00	7.9	107.5	024	17.54	59.2	58.33	59.72	50.51	0.00	13.74
5/20/20 20:00	6.7	109.2	023	14.75	57.4	56.02	58.43	56.84	0.00	13.75
5/20/20 21:00	5.9	122.6	021	14.24	54.7	53.39	56.02	64.85	0.00	13.55
5/20/20 22:00	6.3	118.4	021	13.83	53.0	52.81	53.39	67.75	0.00	13.44
5/20/20 23:00	6.9	107.5	022	17.63	52.0	51.11	52.90	70.03	0.00	13.35
5/21/20 0:00	6.3	101.4	023	14.66	50.5	49.91	51.16	70.56	0.00	13.27
5/21/20 1:00	4.3	98.8	023	13.65	49.3	48.73	49.95	72.35	0.00	13.2
5/21/20 2:00	3.8	100.3	022	9.30	48.1	47.54	48.79	77.46	0.00	13.13
5/21/20 3:00	2.8	78.6	024	6.60	47.2	46.84	47.61	82.2	0.00	13.07
5/21/20 4:00	3.0	63.2	022	7.74	47.1	46.97	47.27	83.6	0.00	13.02
5/21/20 5:00	3.2	70.6	026	8.20	47.1	46.95	47.21	84.2	0.00	12.97
5/21/20 6:00	3.3	62.8	024	8.75	47.1	46.98	47.22	84.4	0.00	12.94
5/21/20 7:00	3.9	70.1	023	8.24	47.1	46.97	47.28	85.5	0.00	12.95
5/21/20 8:00	4.3	72.3	025	9.89	47.8	47.24	48.72	86.2	0.00	13.38
5/21/20 9:00	4.7	83.5	023	9.80	49.7	48.63	50.99	84.7	0.00	13.94
5/21/20 10:00	4.4	92.0	030	10.17	52.3	50.98	53.53	82	0.00	13.88
5/21/20 11:00	5.0	96.3	031	11.22	55.3	53.45	56.82	78.27	0.00	13.84
5/21/20 12:00	5.4	92.9	034	11.63	58.4	56.34	60.88	74.46	0.00	13.78
5/21/20 13:00	5.8	116.1	029	13.47	62.1	60.03	63.67	69.88	0.00	13.72
5/21/20 14:00	6.0	118.1	025	13.88	64.5	62.24	66.15	66.57	0.00	13.68
5/21/20 15:00	6.8	118.6	026	14.66	66.5	65.56	67.72	64.48	0.00	13.65
5/21/20 16:00	6.1	111.0	027	13.88	67.0	66.14	67.64	65.29	0.00	13.65
5/21/20 17:00	5.9	109.1	030	12.46	67.8	66.53	68.63	64.19	0.00	13.65
5/21/20 18:00	5.1	119.3	028	13.33	68.7	67.93	70.26	61.59	0.00	13.65
5/21/20 19:00	5.2	127.6	026	12.09	67.6	66.82	68.26	63.29	0.00	13.65
5/21/20 20:00	4.4	125.4	025	11.91	66.4	65.89	66.82	66.78	0.00	13.57
5/21/20 21:00	4.0	114.8	020	8.47	65.3	64.68	65.93	69.42	0.00	13.43
5/21/20 22:00	4.8	118.8	020	10.03	64.4	64.03	64.85	71.88	0.00	13.32
5/21/20 23:00	4.7	120.6	020	10.03	63.5	62.99	64.07	74.68	0.00	13.23
5/22/20 0:00	4.6	113.3	020	11.63	62.4	61.65	63.00	77.58	0.00	13.16
5/22/20 1:00	4.2	112.7	021	9.85	61.1	60.58	61.65	80.8	0.00	13.09
5/22/20 2:00	3.7	98.4	021	8.61	60.1	59.68	60.62	84.9	0.00	13.04
5/22/20 3:00	4.2	99.5	020	9.48	59.4	59.15	59.73	87.3	0.00	13
5/22/20 4:00	3.7	95.2	022	7.83	59.1	58.93	59.18	89.5	0.00	12.97
5/22/20 5:00	4.5	86.1	021	8.84	58.7	58.26	58.98	93	0.00	12.94
5/22/20 6:00	4.0	95.5	021	8.24	58.0	57.95	58.26	98.1	0.05	12.93
5/22/20 7:00	3.9	98.6	020	9.39	58.5	58.10	58.89	99.1	0.01	12.93
5/22/20 8:00	3.6	103.8	022	9.34	59.1	58.85	59.47	99	0.03	13.2
5/22/20 9:00	3.7	109.0	020	7.51	59.8	59.44	60.23	99	0.03	13.56
5/22/20 10:00	4.1	108.8	019	8.11	60.9	60.22	61.64	99	0.06	13.81

5/22/20 11:00	4.4	109.5	021	8.66	62.2	61.64	63.35	98.7	0.09	13.78
5/22/20 12:00	4.5	108.0	020	9.85	63.5	63.27	63.68	98.5	0.00	13.75
5/22/20 13:00	4.1	111.2	019	8.89	63.8	63.48	64.48	99.6	0.11	13.74
5/22/20 14:00	3.2	120.2	024	7.97	65.3	64.45	66.50	98.5	0.00	13.74
5/22/20 15:00	2.9	155.3	032	7.60	67.9	66.50	69.22	96.4	0.00	13.68
5/22/20 16:00	3.0	221.2	039	7.05	70.1	69.03	72.04	90.6	0.00	13.63
5/22/20 17:00	4.8	275.9	029	10.35	72.5	70.99	73.48	80.9	0.00	13.62
5/22/20 18:00	5.6	309.6	021	11.18	71.9	71.22	72.85	79.73	0.00	13.62
5/22/20 19:00	3.1	329.2	016	5.86	70.8	70.24	71.55	80.8	0.00	13.62
5/22/20 20:00	2.3	349.1	019	4.40	69.1	67.96	70.26	85.7	0.00	13.62
5/22/20 21:00	1.7	22.2	023	2.93	67.0	65.86	68.16	92.1	0.00	13.43
5/22/20 22:00	1.8	39.4	016	4.12	65.4	65.13	65.85	96.7	0.00	13.32
5/22/20 23:00	1.2	31.3	018	2.52	65.0	64.64	65.37	97.1	0.00	13.23
5/23/20 0:00	1.4	352.0	039	3.62	64.3	63.71	64.87	97.8	0.00	13.15
5/23/20 1:00	1.3	337.8	026	4.17	64.6	64.02	65.11	96.9	0.00	13.09
5/23/20 2:00	1.2	21.8	046	3.34	64.2	63.35	64.67	97.2	0.30	13.04
5/23/20 3:00	1.9	334.2	026	3.80	63.3	62.96	63.44	99.1	0.07	13
5/23/20 4:00	1.2	87.7	077	2.79	62.9	62.60	63.15	99.4	0.03	12.97
5/23/20 5:00	0.8	141.4	048	2.57	62.6	62.20	62.78	99.9	0.00	12.95
5/23/20 6:00	1.9	322.8	046	5.31	62.0	61.68	62.33	100	0.00	12.94
5/23/20 7:00	1.9	354.9	026	5.08	61.5	60.94	61.85	100	0.00	12.95
5/23/20 8:00	4.9	329.3	017	9.30	61.8	61.50	62.33	100	0.00	13.26
5/23/20 9:00	4.6	322.3	018	9.02	63.2	61.85	65.06	97.9	0.00	13.74
5/23/20 10:00	4.8	316.6	021	9.11	67.3	65.06	69.38	86.3	0.00	13.68
5/23/20 11:00	6.3	321.0	021	12.27	70.1	69.18	71.18	78.24	0.00	13.65
5/23/20 12:00	5.6	325.1	027	12.64	72.6	70.75	73.93	70.74	0.00	13.61
5/23/20 13:00	7.6	321.2	019	17.17	74.0	72.69	75.34	67.03	0.00	13.59
5/23/20 14:00	7.1	319.1	028	15.94	75.8	75.17	77.04	60.21	0.00	13.59
5/23/20 15:00	6.9	323.4	021	15.53	77.1	75.64	78.22	56.26	0.00	13.58
5/23/20 16:00	6.0	325.5	028	13.65	77.6	76.34	79.29	53.44	0.00	13.56
5/23/20 17:00	5.8	325.9	020	12.46	78.3	77.57	79.63	52.62	0.00	13.56
5/23/20 18:00	5.1	331.3	022	10.63	78.4	77.61	79.60	53.73	0.00	13.55
5/23/20 19:00	3.1	351.9	026	8.84	78.7	77.56	79.59	53.19	0.00	13.56
5/23/20 20:00	1.7	350.9	029	3.25	77.8	76.53	78.50	55.97	0.00	13.56
5/23/20 21:00	0.4	35.1	025	1.56	74.1	71.74	76.53	63.83	0.00	13.38
5/23/20 22:00	1.8	24.6	025	3.16	70.6	66.57	72.78	71.34	0.00	13.27
5/23/20 23:00	2.1	14.4	023	4.26	68.6	66.43	70.10	81.5	0.00	13.18
5/24/20 0:00	3.5	93.7	026	10.72	69.4	68.38	70.40	78.7	0.00	13.11
5/24/20 1:00	4.0	101.3	018	9.53	67.5	66.98	68.38	88.4	0.00	13.06
5/24/20 2:00	5.1	104.1	019	11.50	67.1	66.79	67.28	89.8	0.00	13.02
5/24/20 3:00	6.6	113.0	021	13.88	65.1	63.14	66.79	91.9	0.00	12.99
5/24/20 4:00	4.9	103.9	023	12.05	61.9	60.80	63.14	98.5	0.00	12.97
5/24/20 5:00	3.6	97.7	027	9.53	60.1	59.63	60.80	97	0.00	12.95

5/24/20 6:00	4.0	112.5	022	9.94	58.9	58.50	59.70	95.3	0.00	12.94
5/24/20 7:00	4.4	100.3	023	9.89	58.3	58.17	58.53	96.4	0.00	12.94
5/24/20 8:00	4.3	97.4	023	11.27	58.0	57.80	58.24	97	0.00	13.08
5/24/20 9:00	4.7	108.4	023	9.71	57.8	57.57	58.22	96.1	0.00	13.67
5/24/20 10:00	4.2	105.2	025	9.39	58.6	58.13	58.99	90.4	0.00	13.81
5/24/20 11:00	3.7	110.6	029	8.20	58.9	58.59	59.28	89.1	0.00	13.81
5/24/20 12:00	4.3	109.1	029	9.21	59.3	58.79	60.19	88.5	0.00	13.81
5/24/20 13:00	3.7	95.3	040	8.47	61.5	60.20	62.81	83.2	0.00	13.75
5/24/20 14:00	3.9	92.9	039	8.66	62.3	61.45	63.18	84.2	0.00	13.71
5/24/20 15:00	3.4	92.4	037	8.11	63.5	62.39	64.99	81.5	0.00	13.69
5/24/20 16:00	3.8	107.9	035	9.30	65.5	64.76	66.46	76.93	0.00	13.65
5/24/20 17:00	4.5	116.4	024	9.57	64.4	63.70	65.19	79	0.00	13.65
5/24/20 18:00	3.4	152.2	027	8.20	63.8	63.27	64.16	79.96	0.00	13.68
5/24/20 19:00	3.5	141.1	025	7.42	62.9	62.35	63.34	82.7	0.00	13.68
5/24/20 20:00	3.9	123.1	021	8.20	61.6	61.20	62.35	86.3	0.00	13.66
5/24/20 21:00	3.7	127.8	022	9.25	60.9	60.65	61.23	86.7	0.00	13.47
5/24/20 22:00	1.4	153.9	022	3.94	60.8	60.65	61.03	86.6	0.00	13.36
5/24/20 23:00	1.3	142.1	040	3.94	61.2	60.70	61.32	86.1	0.00	13.27
5/25/20 0:00	1.2	51.2	041	2.15	60.6	60.42	60.85	89.4	0.00	13.19
5/25/20 1:00	1.4	94.8	022	5.63	60.5	60.28	60.74	90.6	0.00	13.12
5/25/20 2:00	2.3	139.9	019	6.09	60.7	60.57	60.86	88.9	0.00	13.06
5/25/20 3:00	2.2	133.4	022	6.41	60.5	60.44	60.65	88.6	0.00	13.02
5/25/20 4:00	1.4	110.1	022	4.31	60.2	60.15	60.48	89.9	0.00	12.98
5/25/20 5:00	1.4	95.1	024	4.40	59.9	59.70	60.19	91.4	0.00	12.95
5/25/20 6:00	1.8	127.2	020	3.99	59.6	59.50	59.74	90.3	0.00	12.93
5/25/20 7:00	1.2	125.0	025	3.48	59.6	59.53	59.73	89.8	0.00	12.93
5/25/20 8:00	1.7	108.0	031	7.24	60.0	59.64	60.17	89.9	0.00	13.09
5/25/20 9:00	3.0	110.1	031	7.56	60.7	60.11	61.49	86.7	0.00	13.78
5/25/20 10:00	1.8	134.1	052	5.63	62.6	61.21	63.65	82.2	0.00	13.74
5/25/20 11:00	1.8	147.3	058	5.82	64.3	63.65	65.08	78.66	0.00	13.71
5/25/20 12:00	1.6	252.6	085	4.35	65.4	64.66	67.37	76.12	0.00	13.68
5/25/20 13:00	2.0	15.1	064	5.73	67.1	66.52	67.86	73.93	0.00	13.65
5/25/20 14:00	2.1	45.9	075	5.95	68.7	67.22	69.85	72.05	0.00	13.62
5/25/20 15:00	2.5	76.8	079	6.00	70.7	69.70	73.49	69.72	0.00	13.59
5/25/20 16:00	2.6	88.9	054	6.09	72.1	70.83	73.38	67.5	0.00	13.59
5/25/20 17:00	2.4	102.8	081	6.82	74.1	73.26	75.03	63.64	0.00	13.56
5/25/20 18:00	2.3	74.7	063	7.83	74.5	73.68	75.16	63.02	0.00	13.56
5/25/20 19:00	2.1	68.5	050	6.46	74.7	74.09	75.88	63.9	0.00	13.56
5/25/20 20:00	2.1	122.8	016	8.56	72.3	71.50	74.06	67.56	0.00	13.56
5/25/20 21:00	3.1	134.1	017	6.64	69.5	68.12	71.49	75.07	0.00	13.42
5/25/20 22:00	2.4	134.9	019	4.58	67.0	65.82	68.13	79.75	0.00	13.3
5/25/20 23:00	1.9	135.2	019	4.67	65.3	64.60	66.03	80.2	0.00	13.22
5/26/20 0:00	1.3	92.3	028	3.16	63.1	61.59	64.62	85.4	0.00	13.14

5/26/20 1:00	1.5	73.1	017	2.47	61.5	60.58	62.43	89.2	0.00	13.08
5/26/20 2:00	1.9	48.6	018	3.76	59.7	58.26	61.36	94.1	0.00	13.03
5/26/20 3:00	2.2	51.1	026	4.21	58.2	57.42	58.67	97.6	0.00	13
5/26/20 4:00	0.7	58.3	039	2.47	57.4	56.96	58.03	98.5	0.00	12.97
5/26/20 5:00	1.4	36.7	022	2.79	57.1	55.50	58.42	98.4	0.00	12.94
5/26/20 6:00	0.7	28.4	020	2.75	54.9	54.28	56.05	98.9	0.00	12.93
5/26/20 7:00	0.3	43.4	008	1.65	56.7	54.36	59.56	98.9	0.00	12.97
5/26/20 8:00	0.7	49.9	022	2.38	62.4	59.10	64.73	90	0.00	13.8
5/26/20 9:00	1.0	119.9	063	4.17	67.5	64.74	69.00	79.43	0.00	13.74
5/26/20 10:00	1.7	225.0	081	6.14	69.7	68.44	71.05	75.04	0.00	13.64
5/26/20 11:00	2.6	181.4	059	7.37	70.9	69.74	72.92	71.8	0.00	13.62
5/26/20 12:00	2.5	167.4	074	8.70	73.7	71.10	75.19	67.44	0.00	13.59
5/26/20 13:00	3.8	119.5	040	11.95	75.0	73.43	76.61	64.31	0.00	13.59
5/26/20 14:00	4.3	155.9	044	11.40	76.7	75.45	77.78	60.59	0.00	13.58
5/26/20 15:00	3.9	157.8	057	9.71	77.9	76.68	78.98	59.13	0.00	13.56
5/26/20 16:00	4.2	156.8	043	9.76	78.8	77.75	79.68	58.07	0.00	13.54
5/26/20 17:00	3.7	150.1	044	9.62	79.4	78.49	80.00	56.95	0.00	13.53
5/26/20 18:00	4.0	162.4	033	8.98	78.5	77.55	79.30	58.37	0.00	13.53
5/26/20 19:00	4.3	152.4	028	9.21	77.2	76.13	77.70	61.53	0.00	13.53
5/26/20 20:00	3.6	144.1	022	9.71	75.3	73.76	76.15	67.12	0.00	13.56
5/26/20 21:00	3.2	138.6	017	7.65	72.4	71.08	73.74	74.22	0.00	13.39
5/26/20 22:00	2.4	134.7	014	5.86	70.1	69.09	71.10	80.8	0.00	13.28
5/26/20 23:00	1.7	122.1	024	3.39	68.0	66.82	69.13	86.9	0.00	13.19
5/27/20 0:00	1.2	112.0	017	2.34	66.4	65.71	67.13	90.5	0.00	13.12
5/27/20 1:00	0.8	127.6	020	2.61	65.2	64.70	65.85	92.7	0.00	13.06
5/27/20 2:00	1.1	123.1	032	2.57	65.2	64.57	65.73	91.8	0.00	13.02
5/27/20 3:00	1.7	52.0	014	3.11	63.1	62.34	64.59	95.9	0.00	12.99
5/27/20 4:00	1.6	57.7	022	3.25	62.1	61.61	62.53	97.9	0.00	12.96
5/27/20 5:00	1.7	41.8	010	3.07	61.2	60.17	62.03	98.7	0.00	12.94
5/27/20 6:00	1.8	48.7	010	3.07	60.5	60.19	60.86	99.4	0.00	12.93
5/27/20 7:00	1.4	50.3	021	2.93	61.2	60.48	62.70	99.7	0.00	13
5/27/20 8:00	2.8	122.1	018	6.82	63.9	62.69	64.59	99.9	0.00	13.7
5/27/20 9:00	3.2	136.5	027	8.38	66.3	64.53	67.39	95.3	0.00	13.74
5/27/20 10:00	4.2	135.1	031	8.56	68.7	67.37	69.56	85.4	0.00	13.65
5/27/20 11:00	4.2	137.1	040	10.58	71.0	68.82	72.95	80.3	0.00	13.62
5/27/20 12:00	4.0	148.2	036	10.40	73.2	72.44	74.06	74.27	0.00	13.59
5/27/20 13:00	3.4	139.7	042	9.53	74.3	73.37	75.14	71.25	0.00	13.59
5/27/20 14:00	3.8	149.9	035	9.62	74.9	74.06	75.60	69.89	0.00	13.59
5/27/20 15:00	4.2	171.3	033	9.57	75.1	74.48	76.15	70.12	0.00	13.59
5/27/20 16:00	4.0	152.9	033	11.63	76.3	75.61	77.13	66.62	0.00	13.59
5/27/20 17:00	4.2	145.1	026	11.18	76.3	75.84	76.91	65.17	0.00	13.59
5/27/20 18:00	3.4	138.8	026	9.16	75.7	75.13	76.57	67.82	0.00	13.59
5/27/20 19:00	2.9	131.7	022	7.79	75.3	74.96	76.01	68.38	0.00	13.59

5/27/20 20:00	2.5	117.0	014	5.18	74.2	73.41	75.23	71.24	0.00	13.59
5/27/20 21:00	2.7	115.0	013	4.99	72.5	71.88	73.40	75.11	0.00	13.4
5/27/20 22:00	2.9	125.8	014	6.14	71.5	71.05	71.96	77.93	0.00	13.29
5/27/20 23:00	3.0	140.0	020	7.74	71.0	70.69	71.27	80.1	0.00	13.2
5/28/20 0:00	3.3	140.4	021	7.33	70.3	69.98	70.83	83.9	0.00	13.12
5/28/20 1:00	3.5	135.0	021	9.89	69.3	68.50	70.16	92.9	0.02	13.07
5/28/20 2:00	3.2	134.8	020	9.21	68.8	68.52	69.00	97.7	0.00	13.02
5/28/20 3:00	3.9	138.1	021	10.31	69.0	68.93	69.07	98.1	0.00	12.99
5/28/20 4:00	4.0	135.0	020	8.93	69.1	69.03	69.23	98.6	0.02	12.96
5/28/20 5:00	4.5	145.2	021	10.67	69.2	69.06	69.42	99.4	0.01	12.95
5/28/20 6:00	5.7	145.9	023	14.56	69.6	69.41	69.87	98.7	0.00	12.94
5/28/20 7:00	5.7	141.2	023	12.64	69.9	69.80	70.14	97.9	0.00	12.95
5/28/20 8:00	5.8	143.5	021	12.73	70.1	70.06	70.21	97.8	0.02	13.13
5/28/20 9:00	6.3	145.2	022	13.33	70.3	70.17	70.53	98.3	0.04	13.42
5/28/20 10:00	5.5	159.8	027	15.02	70.9	70.51	71.17	98.5	0.02	13.67
5/28/20 11:00	5.9	166.2	026	13.56	71.8	71.14	72.38	97.3	0.00	13.67
5/28/20 12:00	4.9	169.4	029	14.20	72.6	72.31	72.82	96.8	0.00	13.65
5/28/20 13:00	5.5	179.1	028	13.51	73.7	72.76	74.97	95.1	0.00	13.65
5/28/20 14:00	6.4	190.5	027	16.72	76.3	74.94	77.31	88.7	0.00	13.59
5/28/20 15:00	6.7	180.2	030	15.57	77.7	76.98	78.51	84	0.00	13.59
5/28/20 16:00	6.7	182.2	030	14.79	79.1	78.27	80.20	79.21	0.00	13.56
5/28/20 17:00	5.6	169.5	030	12.92	79.4	78.29	80.40	79.41	0.00	13.55
5/28/20 18:00	4.6	158.4	027	12.18	78.4	77.85	79.11	82.9	0.00	13.56
5/28/20 19:00	5.2	166.9	026	13.60	77.6	76.63	78.06	84.7	0.00	13.56
5/28/20 20:00	4.3	173.0	026	11.08	76.4	76.22	76.64	86.6	0.00	13.56
5/28/20 21:00	3.4	168.9	026	8.66	75.4	74.96	76.26	88.9	0.00	13.38
5/28/20 22:00	4.2	179.6	026	11.13	75.0	74.91	75.12	90	0.00	13.26
5/28/20 23:00	4.6	180.4	027	12.41	74.7	74.46	74.97	91.9	0.00	13.17
5/29/20 0:00	4.3	179.7	025	10.26	74.5	74.32	74.62	92.9	0.00	13.1
5/29/20 1:00	4.3	188.9	025	10.31	74.5	74.36	74.61	92.4	0.00	13.05
5/29/20 2:00	5.1	201.4	021	10.76	74.5	74.44	74.64	91.1	0.00	13.01
5/29/20 3:00	4.7	183.7	026	10.40	74.2	73.58	74.54	91.2	0.00	12.98
5/29/20 4:00	4.8	187.3	023	10.81	73.5	73.32	73.61	92.9	0.00	12.96
5/29/20 5:00	5.4	183.2	025	12.32	73.5	73.42	73.60	92.4	0.00	12.95
5/29/20 6:00	4.5	196.2	026	12.50	73.4	73.35	73.51	91.9	0.00	12.94
5/29/20 7:00	4.4	189.5	025	11.91	73.1	73.02	73.44	93.6	0.00	12.95
5/29/20 8:00	4.9	193.6	026	14.98	73.5	73.10	73.98	93.2	0.00	13.07
5/29/20 9:00	5.7	202.0	023	12.09	74.6	73.96	75.25	90.4	0.00	13.6
5/29/20 10:00	5.3	199.9	025	12.37	75.6	75.13	76.26	87.6	0.00	13.61
5/29/20 11:00	6.2	202.7	028	14.52	78.1	76.23	79.38	79.76	0.00	13.56
5/29/20 12:00	6.4	215.2	032	12.60	80.5	78.81	81.40	72.07	0.00	13.55
5/29/20 13:00	6.1	210.8	031	13.05	82.8	81.20	84.20	65.7	0.00	13.5
5/29/20 14:00	6.5	201.2	028	14.89	83.8	83.20	84.40	61.53	0.00	13.49

5/29/20 15:00	6.3	184.9	031	14.79	82.6	82.20	83.90	67.05	0.00	13.49
5/29/20 16:00	8.7	194.2	026	19.19	82.9	82.50	83.60	65.98	0.00	13.49
5/29/20 17:00	7.2	190.8	025	17.91	81.7	81.10	82.70	68.53	0.00	13.5
5/29/20 18:00	8.0	201.2	024	16.63	81.2	80.90	81.50	68.64	0.00	13.52
5/29/20 19:00	7.2	213.3	025	17.08	80.6	80.30	81.00	69.42	0.00	13.55
5/29/20 20:00	5.4	216.4	025	12.78	79.9	79.33	80.30	69.94	0.00	13.55
5/29/20 21:00	6.9	213.4	023	15.66	78.8	78.13	79.46	72.32	0.00	13.39
5/29/20 22:00	5.3	220.6	022	12.50	77.4	76.71	78.14	76.95	0.00	13.26
5/29/20 23:00	6.4	224.0	021	13.47	76.4	76.02	76.74	80	0.00	13.17
5/30/20 0:00	7.7	257.9	024	18.82	73.3	69.01	76.03	80.7	0.01	13.1
5/30/20 1:00	4.6	255.5	023	14.70	66.8	66.05	69.01	91.2	0.05	13.05
5/30/20 2:00	2.7	286.9	022	6.46	65.9	65.66	66.11	95.2	0.00	13.02
5/30/20 3:00	3.6	287.9	031	8.98	65.8	65.63	66.08	95.8	0.00	12.99
5/30/20 4:00	1.2	310.5	029	4.35	65.2	64.75	65.63	96.5	0.00	12.96
5/30/20 5:00	3.9	318.0	011	6.64	65.4	65.10	65.65	94.3	0.00	12.94
5/30/20 6:00	2.6	335.8	020	6.92	64.7	64.29	65.24	94.2	0.00	12.94
5/30/20 7:00	1.5	338.4	016	3.85	64.9	63.60	66.58	93.5	0.01	12.95
5/30/20 8:00	4.1	334.0	017	11.59	67.6	66.54	68.54	85.1	0.00	13.72
5/30/20 9:00	7.3	328.3	015	13.74	68.8	68.16	69.62	75.56	0.00	13.68
5/30/20 10:00	7.0	328.9	016	13.33	69.1	68.05	70.08	68.03	0.00	13.67
5/30/20 11:00	5.2	342.2	035	12.05	71.2	69.91	72.44	57.13	0.00	13.64
5/30/20 12:00	4.5	352.2	036	12.23	73.2	72.09	74.58	47.65	0.00	13.61
5/30/20 13:00	4.8	1.4	036	12.69	75.1	74.15	76.33	40.95	0.00	13.59
5/30/20 14:00	4.8	357.4	044	10.63	76.6	75.88	77.54	38.92	0.00	13.58
5/30/20 15:00	3.0	331.5	062	9.80	77.9	76.99	79.23	36.86	0.00	13.56
5/30/20 16:00	5.5	333.9	029	13.83	78.4	77.28	79.54	38.43	0.00	13.55
5/30/20 17:00	5.2	317.3	028	10.90	78.9	77.38	79.68	38.29	0.00	13.55
5/30/20 18:00	6.8	315.7	022	15.02	79.4	78.63	79.93	36.96	0.00	13.55
5/30/20 19:00	6.4	323.7	019	12.55	79.0	77.61	79.76	37.7	0.00	13.55
5/30/20 20:00	3.7	343.3	016	9.34	77.4	76.54	78.15	39.62	0.00	13.55
5/30/20 21:00	4.9	340.0	015	11.04	74.8	73.10	76.53	42.5	0.00	13.4
5/30/20 22:00	3.9	343.9	014	10.53	72.5	71.64	73.45	46.27	0.00	13.28
5/30/20 23:00	4.0	345.5	015	7.97	70.1	69.20	71.64	51.3	0.00	13.19
5/31/20 0:00	4.2	344.2	015	8.93	68.4	67.54	69.29	53.59	0.00	13.12
5/31/20 1:00	5.1	341.1	018	12.14	66.5	65.47	67.63	55.02	0.00	13.06
5/31/20 2:00	3.3	1.9	033	10.76	64.5	63.45	65.50	55.13	0.00	13.02
5/31/20 3:00	3.6	341.1	060	10.90	62.1	60.02	63.53	51.12	0.00	12.99
5/31/20 4:00	1.9	1.0	060	6.23	60.5	59.05	61.62	47.62	0.00	12.96
5/31/20 5:00	4.3	341.4	025	9.98	58.7	57.76	59.53	47.99	0.00	12.94
5/31/20 6:00	3.6	349.2	015	8.84	57.2	55.97	58.06	50.96	0.00	12.93
5/31/20 7:00	1.7	16.6	052	6.00	56.8	55.64	59.18	54.13	0.00	12.98
5/31/20 8:00	2.4	348.0	028	7.83	58.9	58.24	59.78	53.86	0.00	13.86
5/31/20 9:00	4.4	9.2	035	11.27	60.7	59.67	61.57	50.38	0.00	13.8

5/31/20 10:00	4.7	15.6	034	12.41	62.6	61.58	63.46	47.8	0.00	13.74
5/31/20 11:00	6.0	1.6	031	15.48	64.2	63.46	65.10	43.98	0.00	13.71
5/31/20 12:00	9.4	327.4	030	20.84	66.0	64.70	67.36	42.14	0.00	13.68
5/31/20 13:00	8.8	325.1	022	20.75	66.5	65.54	67.60	41.04	0.00	13.68
5/31/20 14:00	8.3	320.9	026	18.27	68.0	67.04	68.94	39.67	0.00	13.68
5/31/20 15:00	6.8	330.2	034	16.76	68.6	67.10	70.19	39.39	0.00	13.65
5/31/20 16:00	8.7	318.4	020	16.81	69.2	67.84	70.52	37.16	0.00	13.65
5/31/20 17:00	9.7	323.8	021	19.83	70.8	68.45	71.83	33.46	0.00	13.65
5/31/20 18:00	9.6	331.4	017	19.92	71.1	70.09	72.00	30.58	0.00	13.62
5/31/20 19:00	8.3	338.3	019	17.63	70.3	69.61	71.22	29.92	0.00	13.62
5/31/20 20:00	6.6	338.1	018	16.99	68.7	67.50	69.63	30.61	0.00	13.62
5/31/20 21:00	3.6	350.9	017	8.89	65.9	64.55	67.50	34.92	0.00	13.48
5/31/20 22:00	2.9	354.8	022	7.19	63.2	62.30	64.57	37.68	0.00	13.37
5/31/20 23:00	2.7	345.8	014	5.40	60.9	59.25	62.42	41.54	0.00	13.28