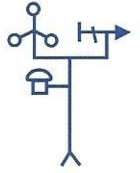




TECHNICAL ENVIRONMENTAL SERVICES, LLC



April 15, 2021

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 March 2021. All the instrumentation functioned normally during March. Data recovery for all the parameters was near 100%. March precipitation total was 3.03 inches.

Attached is a wind rose for the month of March 2021 and a table showing the data collection percentage for each parameter in 2021.

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-MARCH 2021

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: 4/15/2021 8:29:18 AM

WIND ROSE

(WINDS FROM)

N



0.00% PERCENT CALMS
(NOT INCLUDED IN PLOT)

Start Date: 3/1/2021 01:00

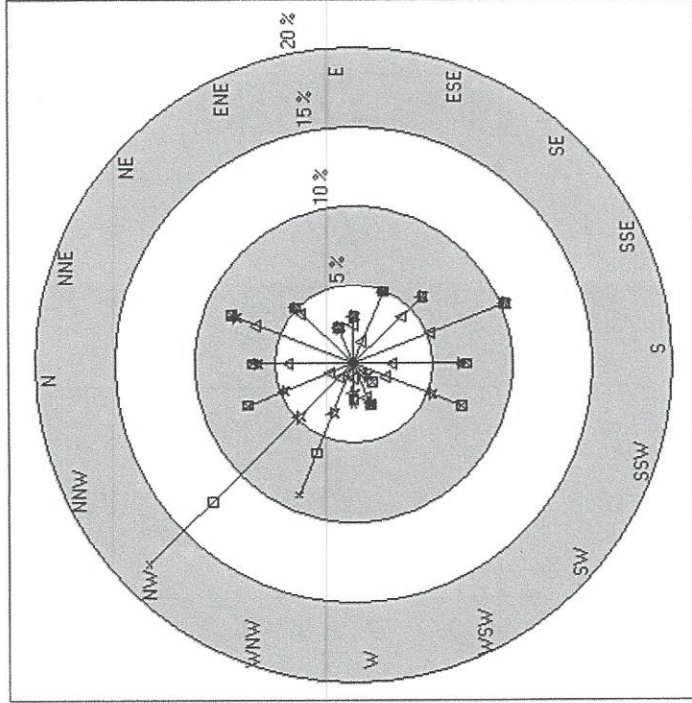
End Date: 3/31/2021 23:00

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
- × 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)	
3/1/2021 0:00	1.2	60.01	47.76	3.298	41.21	41.17	41.28	100	0.03	13.32
3/1/2021 1:00	1.9	110.9	63.95	6.229	41.25	41.14	41.41	100	0.07	13.24
3/1/2021 2:00	1.9	307	93.8	4.992	41.33	41.27	41.48	100	0.01	13.16
3/1/2021 3:00	1.1	0.737	83.6	3.664	41.46	41.4	41.54	100	0	13.08
3/1/2021 4:00	1.0	359.5	77.35	2.885	41.62	41.49	41.83	100	0.01	13.01
3/1/2021 5:00	2.0	350.4	28.13	4.397	41.6	41.52	41.82	100	0.01	12.95
3/1/2021 6:00	0.7	304.5	20.62	3.069	41.94	41.78	42.15	100	0.02	12.92
3/1/2021 7:00	1.0	250.5	23.11	2.885	42.4	42.15	42.55	100	0.05	12.91
3/1/2021 8:00	1.8	252.3	51.09	7.328	42.48	42.38	42.7	100	0.03	12.89
3/1/2021 9:00	1.9	235.7	40.5	4.351	42.96	42.71	43.17	100	0.01	12.89
3/1/2021 10:00	1.5	195.5	51.79	5.267	43.77	43.11	44.46	100	0.01	13.03
3/1/2021 11:00	2.9	253.8	57.45	8.11	45.47	44.43	47.14	100	0	13.57
3/1/2021 12:00	7.1	279.1	41.88	17.04	47.56	46.83	48.47	99.3	0.03	13.94
3/1/2021 13:00	13.0	321.2	13.3	26.01	48.41	47.08	48.97	85	0	14
3/1/2021 14:00	13.1	319.8	17.49	26.06	48.1	47.7	48.86	69.05	0	13.97
3/1/2021 15:00	12.7	306.3	16.04	26.43	47.28	46.78	47.86	62.27	0	13.97
3/1/2021 16:00	13.5	309.5	17.8	27.16	47.23	46.77	47.62	54.4	0	13.97
3/1/2021 17:00	13.7	307.6	14.84	28.44	47.3	47.15	48.35	48.12	0	13.97
3/1/2021 18:00	11.1	309	17.65	21.25	49.02	48.23	49.71	44.74	0	13.93
3/1/2021 19:00	13.0	315.3	19.64	27.07	47.37	45.97	48.8	38.04	0	13.88
3/1/2021 20:00	12.3	309.9	19.76	26.66	45.45	44.41	46	35.32	0	13.72
3/1/2021 21:00	12.5	316.6	20.1	29.72	42.97	41.86	44.53	40.05	0	13.61
3/1/2021 22:00	12.1	315.4	20.88	26.84	41.69	40.87	42.17	41.92	0	13.51
3/1/2021 23:00	13.2	316.4	26.59	26.88	40.09	38.73	40.97	47.72	0	13.42
3/2/2021 0:00	18.8	301.8	29.16	34.17	37.77	37.17	38.78	49.08	0	13.34
3/2/2021 1:00	14.2	304.8	24.99	26.61	36.96	36.32	37.38	48.15	0	13.26
3/2/2021 2:00	11.4	310.2	26.78	25.14	35.53	34.92	36.49	54.37	0	13.19
3/2/2021 3:00	11.2	311.2	28.95	25.37	34.23	33.43	35.04	52.37	0	13.11
3/2/2021 4:00	11.1	312.7	30.08	23.17	33.01	32.37	33.56	47.47	0	13.04
3/2/2021 5:00	8.8	325.9	36.11	18.59	31.84	31.16	32.43	43.97	0	12.98
3/2/2021 6:00	8.6	319.7	30.39	17.5	30.59	29.83	31.35	43.65	0	12.93
3/2/2021 7:00	8.0	326.8	28.19	17.59	29.35	28.73	29.92	45.27	0	12.9
3/2/2021 8:00	11.9	315.1	34.46	25.92	28.15	27.75	28.76	43.22	0	12.89
3/2/2021 9:00	8.9	324.6	28.52	20.61	27.96	27.81	28.32	41.09	0	13.72
3/2/2021 10:00	9.3	318.7	28.98	17.68	28.71	28.17	29.5	39.96	0	14.2
3/2/2021 11:00	10.0	305.1	27.7	19.69	30.16	29.11	31.17	36.96	0	14.15
3/2/2021 12:00	10.6	308.4	29.3	20.66	31.76	30.63	32.87	35.08	0	14.12
3/2/2021 13:00	9.4	314.2	24.34	18.23	33.63	32.42	35.05	34.79	0	14.08
3/2/2021 14:00	10.6	310.9	22.72	18.64	35.23	34.37	36.38	32.65	0	14.08
3/2/2021 15:00	8.6	307.5	25.3	17.82	37.42	36.05	38.6	29.71	0	14.04
3/2/2021 16:00	7.0	320.2	31.47	15.25	39.34	38	40.56	25.92	0	14.01
3/2/2021 17:00	7.7	316	20.75	16.53	40.63	39.67	41.78	25.48	0	14.01
3/2/2021 18:00	5.8	311.6	24.98	11.91	41.47	40.91	42.08	24.96	0	14
3/2/2021 19:00	3.5	297.5	30.38	9.34	40.97	39.97	41.77	25.15	0	14.01
3/2/2021 20:00	1.3	260.9	81.3	5.038	38.76	37.82	39.96	26.64	0	13.8
3/2/2021 21:00	0.9	197.3	22.37	2.244	36.59	36.07	37.78	33.46	0	13.69
3/2/2021 22:00	0.5	123.9	45.47	2.015	35.06	32.98	37.25	37.65	0	13.6
3/2/2021 23:00	1.1	170.7	29.18	3.069	34.48	33.49	35.53	39.3	0	13.51
3/3/2021 0:00	1.2	177.2	21.31	3.389	34.23	33.41	34.82	41.5	0	13.43
3/3/2021 1:00	1.9	185.6	15.73	3.71	33.69	33.15	34.07	43.87	0	13.35
3/3/2021 2:00	2.6	202.4	15.95	4.901	33.49	33.2	33.72	47.54	0	13.26
3/3/2021 3:00	2.1	209	18.14	4.672	32.76	32.49	33.23	50.95	0	13.19
3/3/2021 4:00	1.4	213.1	39.89	6.183	32.55	31.75	33.23	53.81	0	13.11

3/3/2021 5:00	1.4	28.4	81.5	2.84	31.47	29.83	32.11	56.64	0	13.04
3/3/2021 6:00	0.4	126.2	20.32	1.649	29.05	27.84	30.08	63.51	0	12.98
3/3/2021 7:00	0.2	179.8	51.89	1.374	28.33	27.03	30.56	68.54	0	12.92
3/3/2021 8:00	0.9	293.1	32.19	2.702	28.98	27.59	29.8	69.02	0	12.9
3/3/2021 9:00	1.9	236.2	29.66	6.183	32.19	29.82	34.63	63.52	0	14.21
3/3/2021 10:00	2.7	250.1	35.24	7.923	37.12	34.64	40.36	54.94	0	14.11
3/3/2021 11:00	4.6	266.3	34.01	13.88	42.79	40.22	45.07	40.61	0	14.01
3/3/2021 12:00	8.0	296	23.74	18.69	45.88	44.93	46.77	29.5	0	13.97
3/3/2021 13:00	7.3	296.4	24.32	14.84	48.35	46.16	50.44	29.2	0	13.91
3/3/2021 14:00	7.0	294.7	26.11	15.53	51.17	49.64	52.55	24.83	0	13.87
3/3/2021 15:00	6.6	282.7	26.94	14.79	53.34	52.06	54.55	24.76	0	13.84
3/3/2021 16:00	6.4	277.1	29.92	14.11	55.65	54.12	56.91	23.43	0	13.8
3/3/2021 17:00	6.9	269.6	24.99	14.01	56.97	56.12	57.72	22.48	0	13.8
3/3/2021 18:00	7.0	283.7	24.2	14.2	57.72	57.09	58.41	21.25	0	13.8
3/3/2021 19:00	6.3	297.7	14.75	12.41	56.8	55.46	57.54	22.62	0	13.8
3/3/2021 20:00	3.6	299.8	10.19	6.733	53.33	52.15	55.41	26.73	0	13.63
3/3/2021 21:00	2.4	294.5	13.22	4.809	51.66	50.92	52.61	29.21	0	13.52
3/3/2021 22:00	1.2	278.4	46.66	6.275	50.06	48.62	50.89	32.84	0	13.43
3/3/2021 23:00	0.2	317.2	10.25	1.832	47.73	46.93	48.62	36.56	0	13.34
3/4/2021 0:00	3.0	290.7	17.74	10.81	47.29	45.6	49.46	38.43	0	13.26
3/4/2021 1:00	3.2	293.9	8.95	7.969	47.41	46.19	49.24	37.84	0	13.18
3/4/2021 2:00	2.7	341.7	62.38	4.443	46.39	45.7	47.11	39.01	0	13.1
3/4/2021 3:00	3.4	321.8	25.53	6.687	45.39	44.1	46.44	40.43	0	13.03
3/4/2021 4:00	3.5	322.8	8.9	5.359	45.32	43.2	46.41	41.03	0	12.97
3/4/2021 5:00	3.7	325.9	7.219	6.549	43.57	42.64	44.96	46.07	0	12.92
3/4/2021 6:00	4.1	327.6	9.19	6.183	43.54	42.61	44.23	51.04	0	12.89
3/4/2021 7:00	4.4	331.9	12.94	8.93	43.35	42.35	44.05	54.06	0	12.88
3/4/2021 8:00	5.5	331.5	14.57	9.98	42.17	41.39	43.19	55.07	0	12.87
3/4/2021 9:00	7.1	332.5	18.84	15.16	42.29	41.77	42.95	54.98	0	13.2
3/4/2021 10:00	8.4	331.8	20.19	15.94	43.86	42.92	44.78	52.73	0	14
3/4/2021 11:00	11.3	318.8	18.45	22.67	45.51	44.72	46.31	48.61	0	13.97
3/4/2021 12:00	12.0	324.5	24.06	27.57	46.66	45.92	47.81	44.83	0	13.94
3/4/2021 13:00	13.1	311.9	20.92	23.86	47.92	46.07	49.58	42.47	0	13.91
3/4/2021 14:00	13.3	319.6	24.02	26.2	49.12	47.96	50.15	37.77	0	13.9
3/4/2021 15:00	13.7	312	21.04	24.5	49.91	48.37	50.95	35.17	0	13.87
3/4/2021 16:00	12.5	320.7	23.66	25.46	49.92	48.68	51.3	34.69	0	13.87
3/4/2021 17:00	13.5	321.6	20.79	25.51	49.07	47.41	50.82	33.87	0	13.87
3/4/2021 18:00	13.2	325.2	23.91	26.7	46.25	44.45	48.71	37.15	0	13.87
3/4/2021 19:00	13.3	323.9	21.19	25.83	42.87	41.72	44.66	38.12	0	13.93
3/4/2021 20:00	10.5	333.6	29.64	23.04	40.43	39.41	41.72	41.7	0	13.73
3/4/2021 21:00	12.6	319.1	26.57	24.41	38.65	37.52	39.41	44.37	0	13.61
3/4/2021 22:00	13.7	315.2	26.69	24.87	36.59	35.68	37.55	47	0	13.52
3/4/2021 23:00	10.8	321.4	25.3	25.37	34.93	34.02	35.73	49.24	0	13.43
3/5/2021 0:00	10.1	327.9	29.9	21.16	32.63	31.58	34.04	49.08	0	13.35
3/5/2021 1:00	8.9	325	25.22	20.47	30.93	30.37	31.6	47.94	0	13.28
3/5/2021 2:00	9.1	318.7	22.66	16.76	29.78	29.33	30.4	46.37	0	13.2
3/5/2021 3:00	8.6	320	23.64	16.12	28.76	28.26	29.43	46.28	0	13.12
3/5/2021 4:00	10.3	317	26.87	20.84	27.92	27.48	28.38	46.69	0	13.05
3/5/2021 5:00	10.8	318.7	25.31	20.29	27.09	26.66	27.53	47.12	0	12.98
3/5/2021 6:00	11.9	308.8	28.16	26.75	26.22	25.7	26.67	47.48	0	12.92
3/5/2021 7:00	13.1	304.5	25.15	24.92	25.52	25.01	25.98	47.83	0	12.89
3/5/2021 8:00	11.0	309.6	23.92	20.47	24.68	24.31	25.1	50.02	0	12.88
3/5/2021 9:00	11.2	309.3	25.34	23.08	25.06	24.32	25.77	48.07	0	14.29
3/5/2021 10:00	12.8	308.5	28.24	21.34	26.77	25.69	28.03	40.72	0	14.22
3/5/2021 11:00	13.2	312.8	27.25	23.17	28.69	27.55	30.01	34.03	0	14.19

3/5/2021 12:00	13.1	301.6	26.08	23.04	30.59	29.39	31.74	30.62	0	14.16
3/5/2021 13:00	12.0	305.3	26.05	22.81	32.29	31.22	33.69	31.15	0	14.12
3/5/2021 14:00	12.9	306.6	24.18	23.95	34.42	32.94	35.98	31.61	0	14.08
3/5/2021 15:00	13.8	307.1	23.36	24.5	36.68	35.21	38.17	32.47	0	14.08
3/5/2021 16:00	14.6	298.1	22.73	26.93	38.35	37.71	38.94	32.27	0	14.04
3/5/2021 17:00	15.7	305.6	22.99	27.25	38.31	37.2	39.51	33.83	0	14.04
3/5/2021 18:00	14.8	309.7	24.63	25.69	37.8	37.19	38.4	35.26	0	14.04
3/5/2021 19:00	12.8	314.1	22.71	27.66	36.61	35.84	37.21	36.61	0	14.05
3/5/2021 20:00	7.7	320.8	16.76	16.72	35.12	34.24	35.96	39.23	0	13.83
3/5/2021 21:00	4.3	321.4	10.2	7.282	33.72	33.15	34.4	41.9	0	13.73
3/5/2021 22:00	4.5	314.3	12.77	8.11	33.21	32.82	33.67	43.07	0	13.63
3/5/2021 23:00	5.5	313.5	13.56	9.21	33.55	32.76	34.1	41.89	0	13.54
3/6/2021 0:00	8.7	308.6	21.13	22.85	33.89	33.07	34.88	40.17	0	13.45
3/6/2021 1:00	13.3	314.1	29.99	24.64	34.01	33.11	34.7	38.74	0	13.37
3/6/2021 2:00	9.2	316.4	28.42	20.98	32.22	31.56	33.18	43.3	0	13.29
3/6/2021 3:00	5.9	295.9	21.07	15.71	31.55	30.89	32.14	45.08	0	13.22
3/6/2021 4:00	6.9	289.7	14.06	12.41	30.71	30.42	31.02	47.16	0	13.14
3/6/2021 5:00	5.0	288.3	9.94	10.58	29.38	27.91	30.75	49.48	0	13.07
3/6/2021 6:00	4.4	297.5	16.07	9.07	29.23	28.69	29.61	49.99	0	13
3/6/2021 7:00	1.1	184.9	55.67	2.885	28.52	27.74	29.5	52.08	0	12.94
3/6/2021 8:00	5.4	288	11.33	9.21	28.88	27.06	30.39	53.65	0	12.91
3/6/2021 9:00	6.1	293.4	14.43	11.95	31.92	30.39	33.45	49.36	0	14.21
3/6/2021 10:00	8.3	306	19.2	16.99	34.7	33.37	36.25	45.79	0	14.14
3/6/2021 11:00	13.2	305.8	25.99	23.08	36.05	35.51	37.12	41.52	0	14.08
3/6/2021 12:00	13.1	310.1	29.1	23.95	37.46	36.57	38.72	37.76	0	14.08
3/6/2021 13:00	10.3	314.8	27.22	20.01	38.65	37.61	39.9	36.64	0	14.04
3/6/2021 14:00	10.9	308.4	27.8	20.75	40.19	38.61	41.09	34.21	0	14.01
3/6/2021 15:00	10.1	308	27.11	18.46	41.95	40.71	43.9	33.11	0	13.97
3/6/2021 16:00	10.8	307.7	22.65	20.06	42.15	41.23	43.61	33.12	0	13.97
3/6/2021 17:00	10.9	308.4	25.73	19.97	42.64	41.26	44.13	33.38	0	13.97
3/6/2021 18:00	9.6	322.6	32.21	19.37	42.29	41.68	43.15	34.14	0	13.97
3/6/2021 19:00	9.8	316.1	23.78	19.42	40.77	39.8	41.9	35.67	0	13.97
3/6/2021 20:00	6.1	332	26.31	16.44	38.66	37.83	39.8	38.16	0	13.8
3/6/2021 21:00	2.9	359.5	21.93	7.969	36.76	35.55	37.81	40.88	0	13.69
3/6/2021 22:00	2.1	23.67	26.55	5.496	34.24	33.14	35.56	46.96	0	13.59
3/6/2021 23:00	1.0	37.81	26.93	3.985	32.7	31.82	33.3	50.27	0	13.51
3/7/2021 0:00	0.1	356	6.555	1.282	30.47	29.18	31.92	54.85	0	13.43
3/7/2021 1:00	1.3	355.3	21.82	3.252	30.01	28.03	31.04	55.55	0	13.34
3/7/2021 2:00	1.4	26.65	44.38	3.939	27.58	26.44	29.12	64.61	0	13.27
3/7/2021 3:00	1.1	23.99	38.68	3.801	27.9	26.58	29.65	61.14	0	13.19
3/7/2021 4:00	4.1	336.6	25.98	9.66	27.62	25.89	28.98	59.83	0	13.11
3/7/2021 5:00	3.8	350.8	19.07	7.328	27.58	27.35	27.91	55.08	0	13.03
3/7/2021 6:00	2.7	343.8	16.51	6.137	27.43	27	27.66	52.11	0	12.96
3/7/2021 7:00	4.2	325.3	6.517	6.504	26.38	25.47	27.17	55.14	0	12.9
3/7/2021 8:00	3.1	341.6	13.46	4.946	26.55	26.22	26.72	55.24	0	12.88
3/7/2021 9:00	3.5	338.9	17.78	8.89	27.49	26.57	29.12	55.96	0	14.25
3/7/2021 10:00	7.3	325.2	22.63	14.24	30.18	29.07	31.57	50.7	0	14.18
3/7/2021 11:00	7.3	327.3	27.65	15.34	33.24	31.55	35.07	37.99	0	14.12
3/7/2021 12:00	6.9	348.7	35.72	16.08	36.11	34.72	38.01	31.22	0	14.08
3/7/2021 13:00	8.4	331.4	34.12	16.44	38.83	37.71	40.09	27.83	0	14.04
3/7/2021 14:00	7.7	329.3	29.85	17.91	40.38	38.95	41.49	26.83	0	14.01
3/7/2021 15:00	8.1	319.2	30.16	18.82	41.97	40.43	42.95	27.38	0	13.97
3/7/2021 16:00	8.1	324.7	30.61	16.58	42.65	41.67	43.75	26.62	0	13.97
3/7/2021 17:00	8.9	315.3	23.52	20.84	42.76	41.68	43.53	26.49	0	13.97
3/7/2021 18:00	6.9	327.5	30.26	15.21	43.29	42.85	43.87	26.39	0	13.97

3/7/2021 19:00	6.2	322.9	22.84	15.3	42.59	41.49	43.14	26.47	0	13.97
3/7/2021 20:00	2.5	360	21.16	6.091	40.66	39.03	41.56	28.54	0	13.79
3/7/2021 21:00	1.5	17.28	16.67	3.664	37.89	36.79	39.02	33.36	0	13.68
3/7/2021 22:00	1.1	16.27	24.28	4.488	36.22	35.58	36.79	35.11	0	13.59
3/7/2021 23:00	0.1	32.67	31.01	2.061	33.77	31.58	35.65	37.96	0	13.51
3/8/2021 0:00	0.0	314.5	14.61	0.779	30.67	29.75	31.57	43.8	0	13.42
3/8/2021 1:00	0.0	316.8	0.112	0.779	28.98	27.72	29.85	52.67	0	13.34
3/8/2021 2:00	1.2	336.6	30.1	3.252	29.66	28.62	30.45	49.54	0	13.26
3/8/2021 3:00	1.2	48.41	27.81	3.481	26.56	24.97	28.8	62.09	0	13.18
3/8/2021 4:00	0.9	353.1	23.71	3.756	27.49	25.57	29.19	56.66	0	13.11
3/8/2021 5:00	1.9	29.92	18.82	3.618	26.16	23.84	27.54	61.68	0	13.03
3/8/2021 6:00	1.8	31.36	20.81	3.893	22.93	21.33	26.38	75.71	0	12.96
3/8/2021 7:00	0.5	1.126	16.13	2.748	23.2	21.05	25.72	68.53	0	12.9
3/8/2021 8:00	1.1	347.2	49.93	2.748	23.67	21.99	25.45	68.38	0	12.88
3/8/2021 9:00	0.7	337.5	19.75	4.214	28.37	23.77	31.82	63.88	0	14.29
3/8/2021 10:00	5.3	319.3	15.35	13.05	34.13	31.81	36.3	46.21	0	14.15
3/8/2021 11:00	9.6	318.3	21.05	17.54	37.35	36.22	38.39	34.1	0	14.08
3/8/2021 12:00	8.5	319.4	25.88	16.67	39.4	38.26	40.67	25.14	0	14.04
3/8/2021 13:00	6.1	324.2	32.72	13.28	42.02	40.02	44.64	22.06	0	13.98
3/8/2021 14:00	6.3	317.3	30.66	13.92	44.67	43.13	45.99	17.43	0	13.94
3/8/2021 15:00	7.0	308.3	26.37	13.47	46.67	45.03	48.08	18.08	0	13.91
3/8/2021 16:00	5.6	300.8	35.38	12.09	48.92	47.39	50.7	18.84	0	13.87
3/8/2021 17:00	4.8	297.6	43.12	10.81	50.97	49.78	52.11	17.33	0	13.87
3/8/2021 18:00	4.7	305.5	24.56	10.53	51.74	51.27	52.25	17.33	0	13.87
3/8/2021 19:00	1.3	335	22.51	5.359	51.22	50.09	51.73	18.79	0	13.87
3/8/2021 20:00	0.9	142.5	17.81	2.336	48.96	47.74	50.07	21.03	0	13.71
3/8/2021 21:00	0.4	141.5	12.93	1.969	46.99	45.38	48.05	23.32	0	13.6
3/8/2021 22:00	0.7	194.2	15.27	3.023	45.35	44.7	46.13	26.42	0	13.5
3/8/2021 23:00	1.2	194.8	18.73	2.931	45.27	44.12	45.88	25.66	0	13.41
3/9/2021 0:00	1.9	195.8	15.86	4.488	44.23	43.77	44.77	27.44	0	13.33
3/9/2021 1:00	1.5	203.1	18.72	3.069	43.24	42.59	44.18	29.16	0	13.25
3/9/2021 2:00	0.8	243.9	36.56	3.618	42.45	41.69	43	29.51	0	13.17
3/9/2021 3:00	0.2	108.2	17.3	1.511	40.85	39.51	41.92	31.06	0	13.1
3/9/2021 4:00	0.6	141.5	16.81	1.603	40.3	38.5	41.47	31.83	0	13.03
3/9/2021 5:00	0.9	157.8	17.1	2.244	41.13	39.93	42.15	31.09	0	12.96
3/9/2021 6:00	1.1	166.5	16.89	3.023	41.31	40.81	41.86	30.36	0	12.91
3/9/2021 7:00	0.2	177.4	11.86	1.466	40.89	39.78	41.81	31.23	0	12.87
3/9/2021 8:00	0.1	147.8	4.817	0.916	38.94	38.37	39.78	36.4	0	12.86
3/9/2021 9:00	0.5	275.7	25.84	2.656	42.49	39.52	45.71	36.12	0	13.09
3/9/2021 10:00	3.0	256	23.72	7.511	48.06	45.72	53.13	30.46	0	13.97
3/9/2021 11:00	4.1	239.3	28.21	8.06	55.76	53.18	59.19	27.99	0	13.87
3/9/2021 12:00	8.4	269.7	26.27	16.08	62.16	59.23	63.59	25.05	0	13.78
3/9/2021 13:00	9.6	275.2	23.88	18.09	64.36	62.81	66.47	25.96	0	13.74
3/9/2021 14:00	10.9	289.3	20.2	18	66.02	65.25	67.7	27.55	0	13.71
3/9/2021 15:00	9.4	284	23.15	17.68	67.16	66.31	68.43	27.13	0	13.68
3/9/2021 16:00	9.2	299.7	23.77	19.01	68.53	67.42	69.71	26.11	0	13.64
3/9/2021 17:00	9.9	289	25.08	16.4	67.83	67.26	68.78	25.4	0	13.64
3/9/2021 18:00	6.6	293.9	25.52	13.51	67.78	67.19	68.36	25.06	0	13.64
3/9/2021 19:00	4.4	316.1	11.48	9.11	65.65	64.25	67.19	26.85	0	13.65
3/9/2021 20:00	0.9	350.7	21.2	3.756	63.06	59.68	65.07	29.02	0	13.52
3/9/2021 21:00	0.4	148.4	18.51	2.015	59.16	57.69	60.34	33.86	0	13.41
3/9/2021 22:00	1.2	33.53	22.09	2.931	57.39	54.35	59.2	36.65	0	13.31
3/9/2021 23:00	1.4	34.56	23.95	3.114	53.57	50.93	55.86	42.81	0	13.23
3/10/2021 0:00	1.3	38	42.37	4.488	49.68	47.35	52.88	50.7	0	13.15
3/10/2021 1:00	2.2	20.52	24.82	4.488	49.32	44.98	52.05	51.17	0	13.08

3/10/2021 2:00	3.2	35.57	19.43	7.786	47.02	45	48.76	56.52	0	13.01
3/10/2021 3:00	3.1	29.66	10.72	4.946	48.62	47.36	49.79	51.37	0	12.95
3/10/2021 4:00	2.7	29.9	15.21	4.58	48.75	48.01	49.75	51.39	0	12.91
3/10/2021 5:00	2.3	45.21	18.72	4.809	48.13	47.1	48.58	54.07	0	12.89
3/10/2021 6:00	2.8	50.97	20.14	6.412	47.45	46.71	48.13	53.96	0	12.88
3/10/2021 7:00	4.1	86.1	21.84	10.53	47.7	47.35	48.01	52.33	0	12.87
3/10/2021 8:00	4.1	88.4	17.39	8.79	46.87	46.29	47.46	52.16	0	12.87
3/10/2021 9:00	3.8	92.2	20.7	9.11	47.68	46.48	48.96	50.24	0	13.76
3/10/2021 10:00	4.7	116.1	26.3	9.8	50.56	48.98	52.38	45.06	0	13.93
3/10/2021 11:00	4.2	120.8	31.2	8.11	54.15	52.41	56.07	40.47	0	13.84
3/10/2021 12:00	3.5	121.8	53.92	7.465	57.52	55.67	59.71	36.61	0	13.77
3/10/2021 13:00	4.1	156.3	49.63	10.31	60.7	59.73	61.7	33.03	0	13.64
3/10/2021 14:00	4.6	155.4	45.66	12.5	63.62	60.7	66.09	30.2	0	13.65
3/10/2021 15:00	4.7	172.7	37.79	12.96	66.52	64.64	68.29	27.32	0	13.64
3/10/2021 16:00	5.5	181.6	34.64	12.46	68.8	67.26	70.29	24.31	0	13.64
3/10/2021 17:00	5.8	182	40.06	14.66	70.06	69.04	71.32	22.97	0	13.64
3/10/2021 18:00	5.1	171.1	35.83	13.79	69.62	68.94	70.16	23.16	0	13.64
3/10/2021 19:00	4.5	166.1	35.14	12.41	68.41	65.35	70.05	22.85	0	13.64
3/10/2021 20:00	3.9	135.1	14.81	8.79	64.28	63.14	65.34	30.39	0	13.48
3/10/2021 21:00	4.2	139.2	14.31	8.15	62.33	61.26	63.16	32.22	0	13.36
3/10/2021 22:00	3.3	144.4	16.51	7.603	60.26	59.5	61.26	34.62	0	13.27
3/10/2021 23:00	3.1	153.7	17.52	6.962	59.01	58.54	59.61	34.95	0	13.18
3/11/2021 0:00	3.1	157.2	18.44	7.694	58.03	57.7	58.63	35.75	0	13.1
3/11/2021 1:00	2.6	170.6	23.51	6.595	57.55	57.18	58.02	36.68	0	13.03
3/11/2021 2:00	2.5	180.9	20.09	6.275	56.63	55.93	57.21	38.43	0	12.97
3/11/2021 3:00	2.2	165.4	21.73	5.588	55.75	55.35	56.12	39.75	0	12.94
3/11/2021 4:00	2.2	183	21.11	6.229	55.04	54.53	55.51	40.57	0	12.94
3/11/2021 5:00	2.0	178	19.16	4.717	54.33	53.6	54.84	40.94	0	12.92
3/11/2021 6:00	1.4	161.8	18.69	4.168	52.82	52.04	53.61	42.82	0	12.9
3/11/2021 7:00	1.3	174.6	24.06	3.389	52.01	51.77	52.2	44.61	0	12.89
3/11/2021 8:00	1.2	206.6	47.86	3.16	52.03	51.65	52.24	45.81	0	12.88
3/11/2021 9:00	1.7	192.3	27.04	4.763	52.4	51.65	53.55	46.59	0	13.1
3/11/2021 10:00	4.0	198.5	21.77	8.52	55.87	52.57	57.99	42.09	0	13.86
3/11/2021 11:00	4.3	202.7	27.3	8.11	60.23	57.93	64.05	37.44	0	13.77
3/11/2021 12:00	4.9	204	26.69	10.95	64.92	63.24	67.66	32.5	0	13.68
3/11/2021 13:00	7.1	206.8	21.47	13.1	69.16	66.87	71.43	27.24	0	13.65
3/11/2021 14:00	7.4	212.5	22.47	15.34	73.44	71.43	75.22	21.45	0	13.59
3/11/2021 15:00	6.7	195.8	31.28	16.85	75.42	74.55	76.26	22.2	0	13.58
3/11/2021 16:00	7.8	206.5	27.74	18.32	76.47	75.25	78.23	22.26	0	13.55
3/11/2021 17:00	9.3	221.3	24.94	19.1	77.38	76.68	78.24	21.75	0	13.55
3/11/2021 18:00	8.7	216	24.09	18.87	76.38	75.7	77.38	21.78	0	13.55
3/11/2021 19:00	7.3	214.7	20.09	17.04	75.44	74.15	76.57	21.35	0	13.55
3/11/2021 20:00	4.5	215.4	20.16	10.03	73.17	72.01	74.45	23.12	0	13.39
3/11/2021 21:00	3.6	202.9	16.21	8.11	71.13	70.16	72.05	26.19	0	13.27
3/11/2021 22:00	3.8	242.9	28.48	8.98	68.85	67.14	70.18	28.85	0	13.18
3/11/2021 23:00	1.9	237.9	31.23	4.717	67.02	65.46	68.22	33.57	0	13.1
3/12/2021 0:00	1.9	216.9	48	7.74	64.36	62.07	66.19	38.1	0	13.03
3/12/2021 1:00	3.1	249	28.43	11.31	65.3	63.78	66.71	36.7	0	12.97
3/12/2021 2:00	3.4	234.1	25.91	7.786	64.15	63.59	64.49	40.26	0	12.95
3/12/2021 3:00	3.8	279.2	20.05	7.374	62.7	61.37	63.93	43.85	0	12.96
3/12/2021 4:00	2.6	281	22.15	4.717	61.43	60.63	62.51	46.18	0	12.95
3/12/2021 5:00	1.9	244.5	35.5	4.58	60.4	59.21	60.87	48.14	0	12.93
3/12/2021 6:00	1.4	219	41.4	3.527	59.6	58.78	60.59	50.16	0	12.91
3/12/2021 7:00	1.3	286.1	49.47	3.985	58.79	57.86	59.4	53.02	0	12.91
3/12/2021 8:00	1.2	257.5	22.55	3.985	58.17	56.82	59.05	54.82	0	12.9

3/12/2021 9:00	1.9	250.3	34.28	4.351	59.3	58.19	60.62	53.7	0	12.98
3/12/2021 10:00	2.2	256.9	49.44	6.366	61.57	60.59	62.3	50.72	0	13.81
3/12/2021 11:00	6.9	315.8	18.75	18.09	62.58	62.23	63.02	59.33	0	13.79
3/12/2021 12:00	8.6	336.1	20.27	18.92	61.28	58.07	62.93	71.04	0	13.79
3/12/2021 13:00	7.6	329.6	20.05	15.98	57.81	57.26	58.78	72.12	0	13.8
3/12/2021 14:00	8.3	311.3	14.53	15.71	59.88	58.77	61.38	60.61	0	13.8
3/12/2021 15:00	7.9	295.8	15.5	14.93	61.5	60.52	62.36	55.73	0	13.77
3/12/2021 16:00	10.4	292.9	18.49	20.93	64.09	62.31	65.46	52.65	0	13.71
3/12/2021 17:00	11.3	293.4	18.19	23.17	66.43	65.33	66.93	46.43	0	13.68
3/12/2021 18:00	10.5	297	17.18	19.79	67.55	66.32	68.42	35.31	0	13.67
3/12/2021 19:00	11.0	299.3	14.05	20.06	67.54	66.31	68.22	28.26	0	13.67
3/12/2021 20:00	10.6	314.8	15.28	18.32	64.98	62.74	66.48	23.67	0	13.51
3/12/2021 21:00	10.0	318	11.59	18.18	61.67	60.88	62.78	25.59	0	13.39
3/12/2021 22:00	10.9	307.8	12.68	23.17	59.85	58.64	61.21	26.05	0	13.29
3/12/2021 23:00	8.6	302.2	11.75	17.5	57.67	56.56	58.68	28.68	0	13.21
3/13/2021 0:00	8.6	305.8	12.22	15.71	56.12	55.47	56.96	30.27	0	13.13
3/13/2021 1:00	9.3	310.9	14.57	18.09	55.31	54.48	56.02	30.54	0	13.05
3/13/2021 2:00	8.0	324.7	20.88	18.05	54.4	53.85	54.95	29.82	0	12.99
3/13/2021 3:00	10.3	319.6	20.11	19.83	53.38	52.76	54.02	26.8	0	12.95
3/13/2021 4:00	8.9	325.7	22.05	19.01	51.96	51.1	52.84	28.16	0	12.95
3/13/2021 5:00	7.5	338.6	30.62	23.04	50.3	49.36	51.4	30.55	0	12.96
3/13/2021 6:00	8.6	329.6	25.2	15.94	48.1	45.95	49.36	31.92	0	12.95
3/13/2021 7:00	7.6	332.3	27.85	15.94	44.86	43.51	46.03	33.16	0	12.94
3/13/2021 8:00	5.3	337.1	22.23	13.88	42.61	42.01	43.56	30.74	0	12.93
3/13/2021 9:00	6.6	328.7	23.88	13.74	42.35	41.81	43.01	30.01	0	14.05
3/13/2021 10:00	7.9	330.6	26.75	15.71	42.7	42.27	43.54	21.89	0	14.03
3/13/2021 11:00	6.4	332.1	32.16	12.92	44.36	42.85	45.68	18.85	0	13.96
3/13/2021 12:00	5.5	335	34.65	12.05	46.31	45.1	47.39	18.48	0	13.9
3/13/2021 13:00	5.9	293.6	35.74	12.96	47.86	46.34	48.97	19	0	13.9
3/13/2021 14:00	6.4	269.2	33.2	13.97	49.93	47.99	51.76	17.65	0	13.87
3/13/2021 15:00	6.6	297.9	32.34	14.66	51.42	50.06	53.02	16.56	0	13.84
3/13/2021 16:00	5.5	315	38.5	13.74	53.38	51.99	54.7	16.73	0	13.8
3/13/2021 17:00	5.7	289.8	30.98	12.6	55.14	54.07	56.16	15.61	0	13.8
3/13/2021 18:00	4.5	255.9	40.03	10.03	56.33	54.39	57.32	16.18	0	13.8
3/13/2021 19:00	3.1	255.8	27.06	8.11	56.21	55.6	56.64	16.12	0	13.8
3/13/2021 20:00	1.8	204.9	24.63	4.672	53.98	52.86	55.62	19.03	0	13.64
3/13/2021 21:00	2.5	271.9	16.6	4.626	51.63	50.15	53.05	22.45	0	13.53
3/13/2021 22:00	3.1	280.7	13.68	5.221	48.98	47.2	50.22	26.49	0	13.43
3/13/2021 23:00	4.2	324.1	22.21	8.79	47.55	46.38	48.16	29.36	0	13.34
3/14/2021 0:00	2.7	326	17.84	4.901	46.42	44.81	47.85	26.85	0	13.26
3/14/2021 1:00	2.3	341.8	30.93	8.38	44.25	43.46	45.11	26.18	0	13.19
3/14/2021 2:00	2.4	328	22.57	5.221	43.42	42.18	44.52	27.81	0	13.11
3/14/2021 3:00	1.3	29.66	68.19	5.45	40.78	38.53	43.54	31.79	0	13.04
3/14/2021 4:00	5.9	305	10.55	10.12	42.19	40.78	42.72	33.68	0	12.97
3/14/2021 5:00	7.2	304.1	12.51	12.6	42.45	42.01	42.8	33.84	0	12.93
3/14/2021 6:00	5.2	306.8	11.01	9.25	41.26	40.62	42.22	36.39	0	12.92
3/14/2021 7:00	7.5	298.8	12.96	12.73	42.49	41.34	43.07	34.75	0	12.92
3/14/2021 8:00	6.7	308	13.28	12.05	42.53	42.24	42.92	34.7	0	12.92
3/14/2021 9:00	6.4	303.4	14.74	14.38	45.4	42.92	47.66	32.25	0	14.02
3/14/2021 10:00	9.2	289.8	15.57	16.81	49.57	47.67	52.22	29.56	0	13.93
3/14/2021 11:00	11.4	295	20.17	21.02	52.69	51.8	53.75	28.01	0	13.87
3/14/2021 12:00	12.8	302.1	18.04	24.23	54.35	53.26	55.33	28.15	0	13.84
3/14/2021 13:00	12.9	298.9	19.56	25.05	56.17	54.94	57.89	27.07	0	13.81
3/14/2021 14:00	16.3	313.6	22.87	28.3	57.58	56.84	58.45	26.59	0	13.81
3/14/2021 15:00	14.5	318.3	19.01	24.78	59.23	57.8	60.86	25.7	0	13.77

3/14/2021 16:00	16.4	315.9	19.48	32.93	60.86	60.37	61.31	23.68	0	13.77
3/14/2021 17:00	17.0	320.2	22.65	28.99	60.13	59.36	61.07	19.65	0	13.77
3/14/2021 18:00	15.8	321.3	20.84	29.45	58.37	57.18	59.38	18.49	0	13.77
3/14/2021 19:00	15.3	314.6	20.21	29.63	55.75	54.34	57.18	17.93	0	13.77
3/14/2021 20:00	13.0	320.4	20.03	24	53.33	51.83	54.44	15.32	0	13.63
3/14/2021 21:00	13.7	322.7	24.76	24.64	50.87	49.27	52.07	16.13	0	13.51
3/14/2021 22:00	10.9	331.4	26.43	20.06	48.03	46.73	49.32	21.72	0	13.41
3/14/2021 23:00	10.0	328.5	23.94	25.24	45.57	44.39	46.8	26.24	0	13.33
3/15/2021 0:00	11.2	328.6	29.07	22.12	43.19	41.72	44.5	24.4	0	13.25
3/15/2021 1:00	10.5	327	26.72	23.04	40.6	39.64	41.83	26.07	0	13.17
3/15/2021 2:00	8.8	340	32.3	19.69	38.6	37.49	39.73	25.61	0	13.1
3/15/2021 3:00	7.4	337	29.14	15.8	36.2	35.16	37.49	25.44	0	13.03
3/15/2021 4:00	5.0	338.8	21.91	13.28	34.27	33.3	35.32	29.41	0	12.97
3/15/2021 5:00	2.7	359.7	15.46	5.038	32.27	30.92	33.38	32.28	0	12.93
3/15/2021 6:00	2.5	350.1	18.34	6.412	30.31	30.02	30.92	34.51	0	12.91
3/15/2021 7:00	3.0	345.3	14.38	5.679	29.44	28.92	30.08	35.62	0	12.9
3/15/2021 8:00	2.3	353.1	25.41	6.549	28.79	28.3	29.23	36.65	0	12.9
3/15/2021 9:00	4.6	352.5	29.99	11.72	29.65	28.93	30.58	33.05	0	14.22
3/15/2021 10:00	5.1	346.3	34.16	11.68	31.12	30.13	32.32	30.72	0	14.15
3/15/2021 11:00	6.2	357.4	38.25	15.98	33.18	32.03	34.46	25.58	0	14.12
3/15/2021 12:00	5.8	18.94	37.65	12.96	35.33	34.16	36.73	22.01	0	14.05
3/15/2021 13:00	5.2	0.558	46.43	17.68	37.93	36.34	40.05	20.76	0	14.01
3/15/2021 14:00	5.2	347.2	44.45	14.24	40.16	38.69	42.19	19.47	0	13.98
3/15/2021 15:00	5.0	338.8	47.53	11.91	41.09	39.73	42.49	18.89	0	13.94
3/15/2021 16:00	3.8	23.07	77.09	10.17	42.92	40.79	44.42	17.9	0	13.91
3/15/2021 17:00	3.4	11.87	71.99	10.58	43.56	42.66	44.65	16.71	0	13.91
3/15/2021 18:00	2.0	36.22	69.09	6.962	43.18	42.68	43.66	16.57	0	13.91
3/15/2021 19:00	1.9	49.91	36.95	6.504	42.39	41.42	43.33	17.58	0	13.95
3/15/2021 20:00	1.8	88.2	20.43	4.717	40.86	40.42	41.42	18.7	0	13.75
3/15/2021 21:00	1.6	93.3	21.67	3.206	40.26	40.1	40.46	19.4	0	13.64
3/15/2021 22:00	1.2	65.11	18.6	2.702	39.96	39.81	40.2	19.41	0	13.54
3/15/2021 23:00	1.9	95.8	33.09	5.038	39.48	39.22	39.85	22.34	0	13.45
3/16/2021 0:00	2.8	145	18.81	7.557	39.32	38.98	39.54	29.69	0	13.37
3/16/2021 1:00	2.8	137.6	24.85	6.87	38.85	38.69	39.04	32.88	0	13.29
3/16/2021 2:00	3.3	143.6	23.44	7.694	38.65	38.53	38.8	33.98	0	13.21
3/16/2021 3:00	3.8	146.7	25.61	10.26	38.49	38.41	38.61	36.12	0	13.13
3/16/2021 4:00	3.6	149.1	22.17	8.84	38.47	38.44	38.55	39.85	0	13.06
3/16/2021 5:00	2.9	161.6	27.34	7.465	38.49	38.47	38.56	44.98	0	12.99
3/16/2021 6:00	3.2	151.6	24.97	7.191	38.53	38.37	38.7	49.85	0	12.94
3/16/2021 7:00	3.6	148.9	22.17	9.34	38.47	38.4	38.6	50.84	0	12.91
3/16/2021 8:00	4.0	147.1	23.16	9.39	38.45	38.37	38.55	51.62	0	12.9
3/16/2021 9:00	4.2	154.2	27.12	10.63	38.81	38.53	39.18	54.13	0	12.97
3/16/2021 10:00	4.3	169.4	30.95	12.6	39.52	39.09	39.85	57.84	0	14.09
3/16/2021 11:00	5.6	165.3	29.94	13.56	40.26	39.67	41.03	64.99	0	14.05
3/16/2021 12:00	5.2	189.8	29.62	13.65	40.73	40.38	41.32	65.8	0	14.05
3/16/2021 13:00	4.2	165	29.79	10.31	41.05	40.68	41.44	67.73	0	14.05
3/16/2021 14:00	4.5	167.1	31.09	10.81	41.49	41.07	41.99	68.79	0	14.05
3/16/2021 15:00	4.3	166.5	32.84	13.56	42.04	41.67	42.35	69.11	0	14.05
3/16/2021 16:00	5.8	164.2	29.53	13.97	42.59	42.24	42.95	68.13	0	14.01
3/16/2021 17:00	5.6	165.2	28.63	11.77	42.75	42.4	43.16	68.4	0	14.01
3/16/2021 18:00	5.2	151.8	26.69	12.14	42.38	42.11	42.93	69.55	0	14.01
3/16/2021 19:00	4.4	149.8	29.68	11.22	42	41.59	42.36	69.45	0	13.94
3/16/2021 20:00	3.8	146.1	25.36	10.44	41.21	40.61	41.64	74.74	0	13.77
3/16/2021 21:00	4.0	147.6	25.6	11.13	40.2	39.96	40.68	83.2	0	13.66
3/16/2021 22:00	3.0	141.8	26.49	7.694	39.51	39.14	39.98	88	0	13.56

3/16/2021 23:00	2.7	133.1	21.63	6.183	38.81	38.72	39.14	94.3	0	13.47
3/17/2021 0:00	1.5	144.4	29.2	5.954	38.98	38.73	39.19	95.1	0	13.39
3/17/2021 1:00	2.2	114.7	17.44	5.221	39.07	38.99	39.22	96.2	0	13.3
3/17/2021 2:00	1.6	127.5	24.16	5.175	39.16	39.05	39.34	97.5	0	13.22
3/17/2021 3:00	1.3	102.3	26.92	4.626	39.34	39.21	39.44	97.5	0	13.15
3/17/2021 4:00	1.3	94.7	35.67	3.71	39.44	39.37	39.51	97.4	0	13.07
3/17/2021 5:00	1.0	55.21	22.66	3.114	39.51	39.47	39.59	97.6	0	13.01
3/17/2021 6:00	0.8	66.78	23.51	2.382	39.57	39.47	39.7	98.5	0	12.95
3/17/2021 7:00	0.9	48.44	23.95	4.122	39.62	39.54	39.7	99	0	12.91
3/17/2021 8:00	1.4	67.51	26.38	3.893	39.55	39.46	39.66	99.1	0	12.9
3/17/2021 9:00	1.9	67.72	33.42	7.328	39.45	39.09	40.22	98.7	0	12.99
3/17/2021 10:00	0.8	118.1	63.1	2.29	41.5	40.22	43.08	94.3	0	14.03
3/17/2021 11:00	1.4	22.83	44.37	4.672	43.03	42.81	43.48	83.1	0	14.01
3/17/2021 12:00	1.9	104	49.59	4.809	43.65	43.33	44.21	81.6	0	14.01
3/17/2021 13:00	2.6	11.38	44.71	6.091	44.33	44.11	44.81	79.91	0	14.01
3/17/2021 14:00	2.0	135.3	76.06	9.48	45.48	44.6	46.19	76.8	0	13.98
3/17/2021 15:00	2.3	129.1	53.2	6.87	46.35	45.78	47.16	76.16	0	13.97
3/17/2021 16:00	2.8	158.6	41.72	7.328	46.91	46.51	47.34	75.99	0	13.97
3/17/2021 17:00	2.7	169.2	29.18	6.412	47.43	46.97	47.89	75.46	0	13.97
3/17/2021 18:00	2.7	150.8	29.67	6.137	47.74	47.48	47.89	75.73	0	13.97
3/17/2021 19:00	3.3	142.3	27.45	7.099	47.23	46.82	47.75	78.27	0	13.86
3/17/2021 20:00	2.9	145.9	23.56	7.557	46.67	46.58	46.86	81.2	0	13.71
3/17/2021 21:00	2.5	161.2	27.4	6.641	46.9	46.82	47.03	81.6	0	13.6
3/17/2021 22:00	1.6	151.2	22.6	3.343	46.91	46.88	47.02	81.9	0	13.49
3/17/2021 23:00	2.2	133.4	19.08	4.901	46.94	46.79	47.14	82.2	0	13.4
3/18/2021 0:00	2.9	140.3	23.01	7.557	46.72	46.53	46.94	82.7	0	13.31
3/18/2021 1:00	3.1	141.8	21.6	9.8	46.36	46.13	46.58	86	0	13.24
3/18/2021 2:00	2.2	153.2	24.76	6.275	45.71	45.32	46.17	92.7	0	13.16
3/18/2021 3:00	2.8	147.1	24.65	7.053	45.17	45.06	45.36	98.2	0	13.08
3/18/2021 4:00	3.5	152.9	23.89	8.89	45.25	45.22	45.35	99.4	0	13.01
3/18/2021 5:00	3.9	148.6	21.15	10.49	45.44	45.32	45.59	99.8	0.01	12.96
3/18/2021 6:00	4.1	151.9	23.19	9.34	45.55	45.51	45.61	100	0.06	12.92
3/18/2021 7:00	3.5	153.5	25.3	9.53	45.58	45.49	45.76	100	0.08	12.9
3/18/2021 8:00	4.2	148.7	24.11	9.07	45.77	45.71	45.91	100	0.1	12.9
3/18/2021 9:00	3.9	158.6	25.74	9.25	45.92	45.84	46.05	99.7	0.09	12.92
3/18/2021 10:00	3.5	169.1	28.15	9.48	46.36	46.01	46.75	99.6	0.01	13.12
3/18/2021 11:00	2.9	166.2	28.44	7.374	46.87	46.63	47.16	99.7	0	13.45
3/18/2021 12:00	3.1	158.4	30	6.778	47.44	47.13	47.94	99.9	0.02	13.66
3/18/2021 13:00	3.7	181.6	26.73	9.76	48.38	47.91	48.75	99.8	0	13.97
3/18/2021 14:00	3.7	200.2	22.06	8.34	49.01	48.69	49.42	99.1	0.01	13.97
3/18/2021 15:00	3.0	175.8	31.96	7.649	49.63	49.31	50.16	98.8	0.06	13.94
3/18/2021 16:00	1.8	153.8	67.47	5.588	50.53	50.07	51.15	97.8	0	13.94
3/18/2021 17:00	1.9	45.12	48.25	6.641	50.92	50.65	51.2	97.8	0.02	13.94
3/18/2021 18:00	1.6	87.5	51.42	4.672	50.75	50.68	50.87	98.8	0	13.93
3/18/2021 19:00	2.5	37.06	33.52	7.145	50.52	50.25	50.82	99	0	13.83
3/18/2021 20:00	2.8	26.34	31.05	8.2	50.04	49.75	50.32	98.8	0.03	13.68
3/18/2021 21:00	5.2	51.24	37	13.74	49.15	48.68	49.77	97.3	0	13.57
3/18/2021 22:00	5.2	26.38	31	14.7	47.69	46.36	48.72	95.2	0	13.47
3/18/2021 23:00	5.9	38.73	29.84	16.81	45.66	45.23	46.36	95.1	0.01	13.38
3/19/2021 0:00	5.4	33.61	31.28	14.66	44.95	44.8	45.25	95	0	13.29
3/19/2021 1:00	4.4	22.29	30.78	14.47	45.03	44.89	45.23	91.6	0.01	13.21
3/19/2021 2:00	6.0	21.85	33.99	19.51	44.87	44.44	45.26	86	0	13.13
3/19/2021 3:00	6.0	13.86	34.3	15.76	44.15	43.6	44.51	83	0	13.06
3/19/2021 4:00	5.7	3.87	31.63	15.39	42.36	41.19	43.6	83.2	0	13
3/19/2021 5:00	6.4	15.93	32.04	15.76	41.14	40.8	41.28	79.26	0	12.94

3/19/2021 6:00	7.9	24.53	33.98	20.24	40.16	39.46	40.8	70.63	0	12.92
3/19/2021 7:00	6.8	20.8	36.62	16.53	38.82	37.94	39.44	64.2	0	12.91
3/19/2021 8:00	6.5	3.326	33.64	18.69	36.72	35.67	37.97	63.26	0	12.9
3/19/2021 9:00	6.0	12.86	34.85	17.86	35.44	35.3	35.68	53.69	0	13.33
3/19/2021 10:00	6.5	7.583	35.36	15.39	36.17	35.02	38.19	48.12	0	14.1
3/19/2021 11:00	8.0	0.276	34.55	19.92	37.75	37.32	38.34	40.88	0	14.05
3/19/2021 12:00	7.7	14.26	35.99	17.54	39.01	37.22	40.02	37.92	0	14.01
3/19/2021 13:00	7.4	7.79	38.59	20.15	41.57	39.89	42.67	32.92	0	13.98
3/19/2021 14:00	7.6	7.469	37.61	17.4	42.8	41.51	43.59	31.21	0	13.97
3/19/2021 15:00	7.6	345.3	36.45	19.83	44.08	43.11	45.02	31.65	0	13.94
3/19/2021 16:00	7.0	0.826	36.11	16.99	45.46	44.23	46.29	28.31	0	13.94
3/19/2021 17:00	6.5	2.111	36.94	20.75	46.15	45.44	47.05	26.92	0	13.91
3/19/2021 18:00	6.6	354.4	33.82	16.72	45.9	45.27	46.7	25.88	0	13.91
3/19/2021 19:00	4.9	1.829	31.27	13.42	45.05	44.05	45.76	25.99	0	13.91
3/19/2021 20:00	4.3	350.9	24.72	9.43	42.58	41.52	44.05	27.62	0	13.78
3/19/2021 21:00	3.4	355.9	26.54	8.24	40.7	40.13	41.52	29.57	0	13.66
3/19/2021 22:00	2.5	16.49	26.48	7.465	39.35	38.52	40.16	30.4	0	13.57
3/19/2021 23:00	1.8	25.91	25.49	4.717	37.98	36.75	38.83	32.69	0	13.48
3/20/2021 0:00	1.1	10.1	24.52	3.16	36.62	35.93	37.22	34.16	0	13.4
3/20/2021 1:00	1.1	357.2	22.75	3.435	35.4	34.96	36.13	34.04	0	13.32
3/20/2021 2:00	1.6	0.211	21.85	5.084	34.3	33.33	35	36.15	0	13.24
3/20/2021 3:00	1.8	10.16	22.68	4.946	33.07	32.65	33.85	40.72	0	13.16
3/20/2021 4:00	2.0	22.64	24.19	5.038	32.63	32.1	33.09	42.67	0	13.09
3/20/2021 5:00	1.1	1.917	21.22	3.801	31.49	30.96	32.28	43.9	0	13.02
3/20/2021 6:00	1.7	356.1	15.65	3.206	30.78	30.08	31.11	42.96	0	12.95
3/20/2021 7:00	1.8	14.07	11.17	3.618	29.01	27.81	30.28	49.52	0	12.9
3/20/2021 8:00	1.6	12.19	18.28	3.985	28.44	27.57	30.37	54.58	0	12.9
3/20/2021 9:00	2.0	26.32	27.89	7.007	32.76	30.37	35.23	46.57	0	14.18
3/20/2021 10:00	2.9	31.7	28.45	6.916	37.92	35.23	40.14	37.66	0	14.08
3/20/2021 11:00	2.4	20.81	47.58	8.15	42.19	40.17	44.86	31.23	0	13.98
3/20/2021 12:00	3.0	28.6	73.55	8.7	46.32	44.69	47.97	25.82	0	13.91
3/20/2021 13:00	4.8	29.34	47.44	11.68	48.55	47.43	49.81	24.12	0	13.88
3/20/2021 14:00	4.0	46.71	61.18	11.31	50.9	49.54	52.08	24.15	0	13.84
3/20/2021 15:00	3.2	1.388	68.55	10.21	53.3	52.07	54.26	23.56	0	13.81
3/20/2021 16:00	3.5	24.53	64.12	9.94	54.58	53.07	55.88	22.95	0	13.81
3/20/2021 17:00	2.7	44.15	61.61	9.62	55.93	55.1	57.23	21.51	0	13.78
3/20/2021 18:00	2.8	66.52	61.47	7.053	55.93	55.52	56.71	20.67	0	13.77
3/20/2021 19:00	2.2	15.06	37.3	6.229	55.18	54.19	56.02	21.25	0	13.77
3/20/2021 20:00	1.4	43.9	10.76	2.656	53.16	51.82	54.18	21.5	0	13.68
3/20/2021 21:00	1.4	49.52	40.19	8.34	49.3	45.45	51.86	26.81	0	13.56
3/20/2021 22:00	2.0	87	51.42	5.13	45.55	43.2	47.55	35.84	0	13.46
3/20/2021 23:00	0.6	64.86	24.61	2.565	43.06	39.64	44.06	39.47	0	13.38
3/21/2021 0:00	1.9	27.82	27.82	4.534	37.96	36.51	39.71	55.22	0	13.3
3/21/2021 1:00	1.8	353	21.59	3.618	37.59	34.77	40.47	52.76	0	13.22
3/21/2021 2:00	1.7	42.74	21.83	4.122	33.72	31.85	35.07	67.27	0	13.15
3/21/2021 3:00	1.8	31.05	17.55	3.343	31.91	30.46	33.75	71.85	0	13.08
3/21/2021 4:00	2.4	32.19	12.25	4.259	31.22	29.23	32.71	72.4	0	13.01
3/21/2021 5:00	1.6	32.42	14.5	3.481	28.73	28.19	29.41	83.6	0	12.94
3/21/2021 6:00	2.4	33.09	7.323	3.756	31	28.77	32.53	69.39	0	12.89
3/21/2021 7:00	1.0	26.59	22.24	3.298	27.2	26.33	30.41	87.2	0	12.86
3/21/2021 8:00	1.8	27.85	17.64	3.16	29.62	26.7	32.9	76.24	0	12.86
3/21/2021 9:00	0.2	18.45	26.73	1.191	35.55	30.49	43.02	75.08	0	14.16
3/21/2021 10:00	1.4	5.137	30.42	6.137	47.18	43.04	49.92	45.56	0	13.97
3/21/2021 11:00	3.2	45.62	41.78	9.02	52.88	49.74	55.52	30.27	0	13.88
3/21/2021 12:00	3.8	99.3	50.42	10.35	56.03	54.75	57.54	23.07	0	13.82

3/21/2021 13:00	3.9	158.3	60.61	10.26	58.34	57.18	59.65	19.96	0	13.78
3/21/2021 14:00	4.4	158.2	53.63	10.81	59.73	58.58	60.79	18.92	0	13.75
3/21/2021 15:00	4.6	185.9	65.76	12.6	60.81	59.85	61.79	18.39	0	13.71
3/21/2021 16:00	4.4	126.7	61.35	10.4	61.71	61.07	62.38	17.86	0	13.71
3/21/2021 17:00	3.9	154.8	51.73	10.95	62.29	61.6	63.15	17.68	0	13.71
3/21/2021 18:00	4.6	118.2	34.88	9.62	61.68	60.84	62.6	16.67	0	13.71
3/21/2021 19:00	4.7	110.9	21.52	9.62	59.56	58.39	60.93	17.57	0	13.71
3/21/2021 20:00	3.3	108.3	14.14	8.29	56.8	55.03	58.42	24.46	0	13.61
3/21/2021 21:00	2.5	109.8	13.88	4.305	54.46	53.38	55.16	28.11	0	13.49
3/21/2021 22:00	1.7	76.16	18.99	2.794	51.24	48.58	53.46	32.83	0	13.4
3/21/2021 23:00	1.3	38.77	27.88	2.656	46.17	43.67	50.5	41.8	0	13.32
3/22/2021 0:00	1.5	99.6	28.5	4.351	45.57	43.4	47.87	43.13	0	13.24
3/22/2021 1:00	3.1	120.9	12.88	6.046	46.3	45.22	46.81	41.41	0	13.16
3/22/2021 2:00	2.0	89.6	27.96	4.168	43.89	41.15	45.84	43.78	0	13.09
3/22/2021 3:00	1.9	54.07	19.14	4.03	40.55	35.88	42.91	52.3	0	13.02
3/22/2021 4:00	2.4	21.32	14.05	4.305	32.61	30.21	37.24	78.42	0	12.96
3/22/2021 5:00	2.5	16.11	13.45	3.939	30.06	29.45	30.92	86.4	0	12.91
3/22/2021 6:00	2.8	25.31	11.02	4.168	29.26	28.49	31.37	86.6	0	12.88
3/22/2021 7:00	2.5	32.72	26.66	4.122	32.54	30.28	34.42	70.82	0	12.85
3/22/2021 8:00	2.2	35.65	22.51	4.58	33.26	32.15	34.41	68.92	0	12.85
3/22/2021 9:00	1.7	35.96	29.81	5.313	38.11	32.7	43.7	62.39	0	14.11
3/22/2021 10:00	2.5	57.2	37.48	8.2	46.49	43.7	48.79	50.52	0	13.97
3/22/2021 11:00	3.2	95.4	64.13	8.98	51.13	48.8	53.11	46.98	0	13.88
3/22/2021 12:00	4.6	105.1	39.79	10.72	54.32	52.59	56.26	38.2	0	13.83
3/22/2021 13:00	4.5	118.3	46.6	11.63	57.5	55.46	59.43	33.18	0	13.78
3/22/2021 14:00	4.5	141.9	48.41	10.9	59.41	57.66	61.2	27.9	0	13.75
3/22/2021 15:00	4.1	137.8	47.78	10.81	61.66	59.97	63.15	24.77	0	13.71
3/22/2021 16:00	4.1	114.8	55.92	12.09	62.88	61.57	63.93	24.84	0	13.68
3/22/2021 17:00	4.1	110.7	42.91	10.12	63.01	62.31	64.69	22.35	0	13.68
3/22/2021 18:00	4.3	114.4	29.05	10.21	62.53	61.69	63.16	27.07	0	13.68
3/22/2021 19:00	4.1	121.8	22.84	9.71	60.9	59.85	61.95	24.79	0	13.68
3/22/2021 20:00	3.0	97.1	21.53	7.832	58.18	56.89	59.84	28.65	0	13.6
3/22/2021 21:00	2.1	99.2	15.11	3.893	55.72	54.88	56.89	35.24	0	13.48
3/22/2021 22:00	2.1	60.41	14.4	3.71	53.89	52.18	55.13	42.99	0	13.38
3/22/2021 23:00	2.1	50.42	18.78	4.534	50.66	47.8	52.18	50.96	0	13.3
3/23/2021 0:00	3.0	31.38	16.69	4.259	44.34	42.71	47.85	61.08	0	13.22
3/23/2021 1:00	2.5	42.69	15.15	4.443	44.46	42.94	45.72	61.89	0	13.14
3/23/2021 2:00	2.5	62.27	25.14	4.626	45.13	40.74	46.57	64.06	0	13.07
3/23/2021 3:00	2.1	59.05	18.24	4.168	43.74	40.41	45.17	70.41	0	13
3/23/2021 4:00	3.0	29.35	15.61	4.901	40.2	36.94	44.32	79.16	0	12.95
3/23/2021 5:00	2.6	30.63	15.26	5.359	39.95	38.21	41.14	84.2	0	12.91
3/23/2021 6:00	2.3	28.08	14.43	4.809	38.86	37.51	39.63	86.2	0	12.88
3/23/2021 7:00	2.1	21.63	22.36	4.168	39.54	38.53	40.25	82.3	0	12.86
3/23/2021 8:00	2.1	7.12	17.96	5.084	40.23	39.22	41.73	77.45	0	12.86
3/23/2021 9:00	2.2	32.75	28.34	5.13	44.46	41.59	48.05	68.04	0	14.03
3/23/2021 10:00	2.5	65.02	39.57	7.42	51.1	48.05	53.37	58.6	0	13.91
3/23/2021 11:00	3.7	106.2	44.01	10.4	56.78	53.41	58.89	56	0	13.81
3/23/2021 12:00	5.9	105.7	30.52	14.24	60.37	58.87	61.67	56.07	0	13.78
3/23/2021 13:00	6.7	128.2	29.59	14.79	62.43	61.46	64.26	51	0	13.72
3/23/2021 14:00	6.2	110.3	38.23	13.42	64.74	63.62	66.41	47.39	0	13.68
3/23/2021 15:00	5.3	111.5	38.72	14.2	66.24	64.52	68.06	45.71	0	13.65
3/23/2021 16:00	6.2	124.2	35.21	14.93	65.66	64.72	66.75	48.15	0	13.65
3/23/2021 17:00	5.6	121.1	27.52	12.73	64.9	64.27	66.47	47.84	0	13.65
3/23/2021 18:00	6.2	111.8	22.55	13.47	64.15	63.78	64.47	45.75	0	13.65
3/23/2021 19:00	5.3	110.6	22.94	14.93	62.75	61.73	63.77	50.15	0	13.68

3/23/2021 20:00	4.5	128	20.37	11.27	60.93	60.3	61.78	57.7	0	13.55
3/23/2021 21:00	4.0	125.5	17.89	9.48	59.63	59.08	60.3	63.41	0	13.42
3/23/2021 22:00	3.9	121.9	22.52	8.43	58.53	57.88	59.19	64.81	0	13.32
3/23/2021 23:00	4.4	122.3	20.64	10.63	57.1	56.47	57.87	67.42	0	13.24
3/24/2021 0:00	4.4	123.6	18.35	9.48	55.95	55.51	56.48	73.13	0	13.15
3/24/2021 1:00	4.0	124.7	20.09	10.31	55.09	54.68	55.55	80.8	0	13.08
3/24/2021 2:00	4.1	120.7	21.15	11.54	54.33	53.9	54.71	88	0	13.01
3/24/2021 3:00	4.8	111.7	18.04	10.76	53.52	52.94	53.9	93.2	0	12.96
3/24/2021 4:00	5.3	122.6	19.02	9.98	52.67	52.35	52.97	97.4	0	12.94
3/24/2021 5:00	4.5	121.6	18.17	9.8	52.23	52.12	52.39	98.9	0	12.91
3/24/2021 6:00	4.7	114.4	18.28	11.04	51.91	51.8	52.16	99.4	0	12.91
3/24/2021 7:00	3.4	131.3	47.2	8.43	52.06	51.96	52.2	99.6	0.01	12.9
3/24/2021 8:00	1.0	59.59	66.89	4.351	52.32	52.18	52.46	99.3	0.02	12.9
3/24/2021 9:00	1.9	67.17	32.24	7.191	52.51	52.32	52.74	99.5	0.05	12.93
3/24/2021 10:00	2.5	83.7	24.73	6.412	52.95	52.68	53.16	99.2	0	13.3
3/24/2021 11:00	2.1	63.43	34.98	5.954	53.35	53.15	53.55	99.2	0.24	13.72
3/24/2021 12:00	1.6	351.3	34.61	4.076	53.63	53.54	53.8	99.5	0.41	13.89
3/24/2021 13:00	2.2	10.2	24.82	5.588	54.11	53.76	54.63	99.6	0.05	13.9
3/24/2021 14:00	2.7	70.02	30.6	6.412	54.87	54.56	55.34	99.2	0.08	13.9
3/24/2021 15:00	1.8	95.3	47.94	5.267	55.72	55.27	56.3	99.2	0.14	13.87
3/24/2021 16:00	1.4	25.17	41.6	4.214	56.76	56.15	57.2	98	0.05	13.84
3/24/2021 17:00	2.1	55.48	26.13	7.145	57.22	56.95	57.45	97.8	0.02	13.84
3/24/2021 18:00	2.1	343.5	33.9	5.084	57.38	57.25	57.51	97.7	0.01	13.84
3/24/2021 19:00	1.6	37.48	27.57	4.122	57.3	57.19	57.46	98.1	0	13.84
3/24/2021 20:00	2.2	84.2	18.15	5.267	57.04	56.96	57.31	99.3	0	13.65
3/24/2021 21:00	1.1	30.82	47.78	3.114	56.96	56.79	57.07	99.8	0	13.52
3/24/2021 22:00	1.8	315.4	13.2	4.076	56.81	56.63	56.94	100	0	13.41
3/24/2021 23:00	1.7	248.8	30.72	5.404	56.63	56.29	56.82	100	0	13.31
3/25/2021 0:00	3.6	260.8	16.78	7.191	55.72	55.37	56.28	100	0	13.23
3/25/2021 1:00	2.7	252.8	22.61	6.229	55.34	55.31	55.42	100	0	13.15
3/25/2021 2:00	1.0	54.52	86.3	2.015	55.39	55.24	55.51	100	0	13.07
3/25/2021 3:00	0.6	43.22	8.33	2.336	54.41	53.52	55.33	100	0	13.01
3/25/2021 4:00	0.8	214.5	23.2	2.931	54.04	53.42	54.93	100	0	12.96
3/25/2021 5:00	1.5	201	20.08	3.618	54.74	54.63	54.98	100	0	12.94
3/25/2021 6:00	1.3	201.9	18.49	3.71	54.68	54.62	54.74	100	0	12.95
3/25/2021 7:00	0.6	35.88	72.49	1.649	54.47	54.18	54.66	100	0.01	12.93
3/25/2021 8:00	0.9	130.2	29.71	2.885	54.35	54.2	54.56	100	0	12.93
3/25/2021 9:00	2.7	156.8	25.22	5.725	54.46	54.31	54.72	100	0	13.24
3/25/2021 10:00	1.8	126.2	47.12	4.626	54.97	54.61	55.6	100	0	13.85
3/25/2021 11:00	2.3	162.2	36.19	6.275	55.66	55.34	56.21	100	0	13.84
3/25/2021 12:00	2.5	147.7	37.63	7.007	56.78	56.14	57.56	99.8	0	13.83
3/25/2021 13:00	2.5	159.7	34.13	6.183	57.67	57.13	58.31	97.9	0	13.81
3/25/2021 14:00	2.7	179.2	33.69	6.778	58.29	57.97	58.79	94.9	0	13.8
3/25/2021 15:00	2.2	147.1	39.01	5.817	59.96	58.81	61.31	90.7	0	13.77
3/25/2021 16:00	2.8	176	32.2	8.11	61.48	61.25	61.79	85.9	0	13.74
3/25/2021 17:00	3.7	178	35.6	8.89	62.62	61.65	63.24	83.5	0	13.74
3/25/2021 18:00	2.6	159.2	27.81	7.74	62.33	62.2	62.54	84.7	0	13.74
3/25/2021 19:00	2.6	146.4	21.56	5.862	62.42	62.33	62.53	85	0	13.73
3/25/2021 20:00	2.5	152	24.18	5.221	62.18	61.94	62.39	86.7	0	13.55
3/25/2021 21:00	2.3	145.3	26.67	5.862	61.44	60.87	62.02	89.7	0	13.43
3/25/2021 22:00	2.1	131.5	25.65	5.038	60.56	60.19	61.03	93.5	0	13.32
3/25/2021 23:00	2.4	147.7	18.26	6.549	60.58	60.4	60.74	93.9	0	13.23
3/26/2021 0:00	2.6	157.5	21.03	5.908	61.13	60.74	61.42	93.3	0	13.15
3/26/2021 1:00	3.2	170.3	20.63	8.2	61.95	61.39	62.57	92.2	0	13.07
3/26/2021 2:00	5.7	188.5	25.97	15.8	63.73	62.4	64.96	89.2	0	13

3/26/2021 3:00	7.4	201.8	21.04	15.07	64.31	64.01	64.6	88.2	0	12.96
3/26/2021 4:00	8.0	212.5	22.88	16.21	64.72	63.92	65.72	85.3	0	12.95
3/26/2021 5:00	10.7	211.6	22.72	27.57	65.47	64.73	65.97	84	0	12.95
3/26/2021 6:00	8.3	202.2	19.03	16.58	64.96	64.68	65.55	87.2	0	12.93
3/26/2021 7:00	8.3	203.6	20.9	18	65.71	65.43	65.89	86.9	0	12.92
3/26/2021 8:00	8.9	203.7	20.02	20.43	66.4	65.71	67.18	87	0	12.92
3/26/2021 9:00	9.9	213.2	23.21	22.3	68.56	67.19	69.6	83.2	0	13.08
3/26/2021 10:00	11.6	212.3	21.26	26.34	71.02	69.6	72.49	76.57	0	13.67
3/26/2021 11:00	11.2	223.6	25.46	25.74	74.18	72.49	75.73	65.26	0	13.62
3/26/2021 12:00	11.6	249.2	25.18	28.95	76.39	74.82	78.45	48.29	0	13.61
3/26/2021 13:00	14.8	268.5	20.8	28.67	78.83	78.08	79.34	31.25	0	13.58
3/26/2021 14:00	13.9	270.8	22.8	26.98	79.66	78.63	80.9	26.52	0	13.55
3/26/2021 15:00	15.1	294.3	19.15	25.97	79.14	77.56	80.4	25.68	0	13.55
3/26/2021 16:00	17.3	296.9	16.27	31.74	76.88	75.81	77.94	29.52	0	13.55
3/26/2021 17:00	15.1	311.5	15.78	30.37	74.94	73.79	76.81	33.13	0	13.55
3/26/2021 18:00	15.8	313.5	16.09	26.7	72.59	71.46	74.25	34.96	0	13.55
3/26/2021 19:00	15.9	305.5	14.54	26.43	70.38	69.02	71.69	36.07	0	13.59
3/26/2021 20:00	10.8	315.4	19.15	24.64	67.63	65.65	69.03	38.42	0	13.49
3/26/2021 21:00	6.8	342.9	18.29	12.82	64.16	62.75	65.8	44.23	0	13.36
3/26/2021 22:00	7.3	339.8	16.59	15.39	61.62	60.46	62.77	48.72	0	13.27
3/26/2021 23:00	5.1	344.9	19.13	13.92	59.73	58.82	60.64	51	0	13.18
3/27/2021 0:00	4.2	342.6	15.33	10.08	58.28	57.89	58.98	52.05	0	13.1
3/27/2021 1:00	4.2	344.2	18.56	8.24	57.08	56.36	57.99	53.47	0	13.03
3/27/2021 2:00	3.6	351.9	19.8	8.43	55.74	55.29	56.35	56.55	0	12.98
3/27/2021 3:00	1.0	29.85	31.54	4.672	54.38	52.5	55.42	59.7	0	12.95
3/27/2021 4:00	0.1	156.4	8.57	1.053	51.42	49.7	52.54	67.01	0	12.95
3/27/2021 5:00	0.5	82.4	55.44	4.672	49.11	47.69	50.85	72.26	0	12.95
3/27/2021 6:00	0.6	322	12.34	2.244	48.43	47.55	49.09	75.07	0	12.93
3/27/2021 7:00	1.1	10.16	19.72	4.763	47.21	44.6	48.52	78.85	0	12.92
3/27/2021 8:00	1.4	41.69	20.35	3.893	45.61	44.61	47.6	86.3	0	12.92
3/27/2021 9:00	0.7	93.2	51.8	2.473	53.04	47.64	57.99	73.23	0	13.89
3/27/2021 10:00	2.2	195.9	40.44	6.275	59.95	58.02	61.74	53.18	0	13.78
3/27/2021 11:00	4.1	210.3	36.76	8.66	62.3	61.17	64.38	48.57	0	13.74
3/27/2021 12:00	3.7	206.5	50.97	10.72	64.78	63.3	66.36	44.65	0	13.68
3/27/2021 13:00	5.7	212.3	31.62	14.56	67.05	65.81	68.51	42.61	0	13.65
3/27/2021 14:00	6.4	195.6	31.74	14.24	68.4	67.33	69.84	40.99	0	13.65
3/27/2021 15:00	6.7	200.3	25.89	14.47	69.6	68.64	70.68	38.13	0	13.62
3/27/2021 16:00	5.4	194.9	30.71	13.05	70.06	69.48	70.49	37.6	0	13.64
3/27/2021 17:00	6.2	197.9	25.7	12.78	68.91	68.05	69.65	40.03	0	13.64
3/27/2021 18:00	5.3	186.9	28.75	12.78	67.74	67.38	68.05	43.45	0	13.65
3/27/2021 19:00	4.4	187.7	32.6	16.85	67.25	66.75	67.59	46.1	0	13.67
3/27/2021 20:00	4.9	174.5	29.42	15.89	65.63	64.64	66.76	49.63	0	13.5
3/27/2021 21:00	5.5	181.2	27.43	16.17	63.79	62.92	64.64	54.64	0	13.38
3/27/2021 22:00	6.1	182.2	26.34	15.57	62.03	61.27	62.95	58.65	0	13.28
3/27/2021 23:00	5.4	183.2	23.92	13.6	60.63	59.94	61.34	62.7	0	13.19
3/28/2021 0:00	5.3	186.4	24.18	13.47	59.26	58.6	59.98	69.15	0	13.11
3/28/2021 1:00	3.6	172.9	25.45	10.08	58.09	57.7	58.63	73.33	0	13.04
3/28/2021 2:00	2.3	165.4	27.83	6.87	57.03	56.32	57.75	76.67	0	12.98
3/28/2021 3:00	2.8	148.5	20.95	7.374	55.48	55.13	56.3	79.18	0	12.95
3/28/2021 4:00	4.1	148.4	20.51	9.57	54.95	54.77	55.22	78.9	0	12.95
3/28/2021 5:00	4.5	146.4	26.49	10.76	54.97	54.93	55.04	77.5	0	12.95
3/28/2021 6:00	3.9	153.7	26.3	10.49	54.96	54.83	55.06	80.2	0	12.93
3/28/2021 7:00	3.4	161.1	26.36	8.29	54.04	53.49	54.87	89	0.06	12.92
3/28/2021 8:00	2.5	178.5	30.01	8.47	54.09	53.46	54.56	97.2	0.17	12.91
3/28/2021 9:00	4.0	149.6	26.29	9.76	54.13	53.8	54.5	99.3	0.11	12.91

3/28/2021 10:00	4.7	156.5	24.66	10.9	54.97	54.5	55.67	99.9	0.03	13.12
3/28/2021 11:00	4.8	183.4	25.53	12.55	56.66	55.64	57.5	100	0	13.75
3/28/2021 12:00	6.4	197.1	23.15	13.97	57.67	57.45	57.9	99.7	0	13.86
3/28/2021 13:00	7.8	204.2	18.25	17.5	58.49	57.86	59.23	99.1	0.01	13.83
3/28/2021 14:00	8.4	204.2	20.25	17.45	60.11	59.24	60.83	96.5	0	13.8
3/28/2021 15:00	7.8	206	21.5	18.09	61.94	60.8	63.5	94.4	0.01	13.77
3/28/2021 16:00	9.1	210.2	21.57	20.43	65.39	63.35	67.06	85.8	0	13.74
3/28/2021 17:00	9.5	215.9	24.52	21.98	67.83	67.04	68.76	76.77	0	13.71
3/28/2021 18:00	11.5	264.2	43.54	31.37	64.74	56.93	69.01	77.69	0.14	13.63
3/28/2021 19:00	7.0	303.7	13.05	17.27	57.08	56.67	57.66	92.8	0.07	13.64
3/28/2021 20:00	16.0	302.8	17.13	37.14	58.26	57.66	58.9	67.09	0	13.65
3/28/2021 21:00	18.8	295.5	18.08	37.74	57.44	56.84	58.18	46.19	0	13.51
3/28/2021 22:00	16.9	293.2	19.5	32.88	55.45	54.05	56.84	38	0	13.41
3/28/2021 23:00	17.2	303.8	21.13	39.71	51.65	49.69	54.16	42.86	0	13.32
3/29/2021 0:00	16.3	291.2	20.68	36.96	48.58	47.87	49.83	45.31	0	13.24
3/29/2021 1:00	17.6	288.7	21.1	32.01	46.92	46.06	48	49.6	0	13.16
3/29/2021 2:00	13.2	286.7	19.33	25.28	45.54	44.98	46.2	53.83	0	13.09
3/29/2021 3:00	16.6	292.1	24.53	34.12	44.92	44.27	45.4	52.4	0	13.02
3/29/2021 4:00	14.1	296.2	22.24	27.53	43.95	43.42	44.48	54.47	0	12.96
3/29/2021 5:00	13.3	289.3	22.59	24.37	43.55	43.32	43.7	55.67	0	12.94
3/29/2021 6:00	13.7	291.1	22.21	24.32	42.83	42.38	43.4	53.32	0	12.94
3/29/2021 7:00	7.8	293	28.2	24.59	42.26	41.96	42.67	52.15	0	12.94
3/29/2021 8:00	8.0	286.5	23.88	18.37	41.99	41.67	42.37	53.43	0	12.95
3/29/2021 9:00	13.9	298.9	28.88	26.11	42.15	41.93	42.57	50.81	0	14.06
3/29/2021 10:00	14.7	294.8	25.35	27.66	43.63	42.54	44.29	47.59	0	14.01
3/29/2021 11:00	14.1	301.5	25.09	25.51	45.09	44.23	46.39	45.37	0	13.98
3/29/2021 12:00	12.6	299	23.56	22.67	46.97	45.46	48.55	43.21	0	13.94
3/29/2021 13:00	11.3	295.1	24.38	22.21	48.95	47.82	51	40.2	0	13.91
3/29/2021 14:00	10.4	287	24.07	21.21	51.1	49.82	52.16	37.21	0	13.87
3/29/2021 15:00	10.5	284.6	21.8	20.75	52.86	51.69	53.83	33.77	0	13.84
3/29/2021 16:00	11.4	298.5	24.03	22.49	54.39	53.1	55.76	29.9	0	13.84
3/29/2021 17:00	8.5	310.1	24.96	17.13	55.89	54.95	56.66	27.72	0	13.81
3/29/2021 18:00	6.5	316.3	27.33	15.3	56.45	55.95	56.85	26.16	0	13.81
3/29/2021 19:00	5.7	310.9	19.03	13.37	56.06	55.3	56.59	26.15	0	13.81
3/29/2021 20:00	2.8	9.66	44.39	9.16	54.15	53.13	55.3	27.89	0	13.69
3/29/2021 21:00	1.8	45.46	35.19	3.481	51.14	48.36	53.29	32.57	0	13.57
3/29/2021 22:00	1.1	83.3	59.62	4.076	47.04	45.54	48.8	43.24	0	13.48
3/29/2021 23:00	1.7	58.04	41.78	4.214	43.22	39.68	46.8	61.34	0	13.39
3/30/2021 0:00	1.6	47.63	28.07	3.847	41.64	40.46	42.86	62.1	0	13.31
3/30/2021 1:00	0.9	81.6	40.24	2.565	40.71	39.28	43.19	65.04	0	13.23
3/30/2021 2:00	1.2	67.91	30.78	3.664	40.3	38.47	42.12	65.68	0	13.15
3/30/2021 3:00	1.8	112.7	30	5.267	40.11	38.25	41.64	64.98	0	13.08
3/30/2021 4:00	1.7	140.9	35.57	4.901	40.34	37.13	44.05	63.57	0	13.01
3/30/2021 5:00	2.4	135.7	14.77	5.267	42.16	41.02	43.95	56.13	0	12.95
3/30/2021 6:00	1.2	131.5	27.4	3.939	40.19	39.29	41.16	62.81	0	12.91
3/30/2021 7:00	1.6	140.3	13.55	3.527	39.72	38.71	41.14	67.57	0	12.91
3/30/2021 8:00	1.6	117.9	25.29	4.03	40.77	39.79	42.7	69.28	0	12.93
3/30/2021 9:00	2.5	155.5	26.61	6.183	45.44	42.73	48.49	68.41	0	14
3/30/2021 10:00	3.7	181.3	35.33	9.57	51.68	48.51	54.46	60.11	0	13.91
3/30/2021 11:00	6.8	204.2	24.62	15.43	55.95	54.04	58.16	48.42	0	13.82
3/30/2021 12:00	7.8	192.8	27.1	16.03	59.85	57.77	61.45	38.53	0	13.78
3/30/2021 13:00	8.4	198.6	26.09	18.92	62.25	60.96	64.17	33.78	0	13.75
3/30/2021 14:00	8.4	189	29.04	18.69	63.93	62.92	65.45	31.41	0	13.71
3/30/2021 15:00	8.3	188.6	29.79	19.05	65.61	64.73	66.91	31.49	0	13.68
3/30/2021 16:00	7.0	177.6	31.51	19.1	66.99	65.47	68.1	31.55	0	13.68

3/30/2021 17:00	8.1	182.7	29.67	20.84	67.51	66.75	68.25	29.25	0	13.68
3/30/2021 18:00	7.1	182.4	29.18	15.07	67.69	67.25	68.63	28.47	0	13.68
3/30/2021 19:00	5.7	178.2	28.11	14.66	66.01	65.38	67.35	34.64	0	13.68
3/30/2021 20:00	5.9	149.1	24.05	14.79	61.72	59.91	65.38	45.35	0	13.57
3/30/2021 21:00	5.5	153.2	24.33	13.42	58.74	57.75	59.9	48.86	0	13.44
3/30/2021 22:00	4.8	154.1	25.63	13.19	56.86	56.41	57.75	53.29	0	13.34
3/30/2021 23:00	4.1	153	23.74	10.21	55.84	55.47	56.45	57.63	0	13.25
3/31/2021 0:00	4.3	157.1	22.8	9.85	55.27	55.02	55.52	62.87	0	13.17
3/31/2021 1:00	4.3	166.8	24.01	11.63	55.13	54.77	55.67	68.17	0	13.09
3/31/2021 2:00	5.8	172.1	26.94	15.39	55.75	55.47	56.14	72.35	0	13.03
3/31/2021 3:00	5.5	180.2	24.31	16.63	55.63	55.21	55.98	76.59	0	12.97
3/31/2021 4:00	4.9	185.2	26.01	11.68	55.8	55.47	56.15	79.25	0	12.93
3/31/2021 5:00	5.4	192	21.16	11.68	56.24	56.06	56.43	80.6	0	12.93
3/31/2021 6:00	5.7	181	23.18	13.05	56.35	56.2	56.52	82.4	0	12.93
3/31/2021 7:00	5.8	181.2	24.83	13.51	56.69	56.2	57.15	84	0	12.92
3/31/2021 8:00	6.5	189.7	25.34	14.66	58.04	57.06	58.93	83.7	0	12.93
3/31/2021 9:00	7.7	195.1	23.32	15.98	59.69	58.82	60.84	83.6	0	13.44
3/31/2021 10:00	7.4	196.3	22.91	15.57	61.52	60.81	62.33	81.5	0	13.8
3/31/2021 11:00	7.2	202.3	22.47	16.21	63.29	62.29	64.03	77.84	0	13.77
3/31/2021 12:00	6.5	198.9	22.94	14.2	63.24	62.73	63.6	80.2	0	13.77
3/31/2021 13:00	2.8	183.9	24.31	7.74	61.53	60.49	62.78	88.7	0.13	13.77
3/31/2021 14:00	2.0	199.9	43.2	6.137	60.5	60.27	60.77	96.6	0.24	13.77
3/31/2021 15:00	2.1	163.6	28.92	7.42	60.8	60.54	61.1	97.9	0.05	13.77
3/31/2021 16:00	2.2	157.8	23.88	7.236	61.17	60.96	61.43	98.4	0.04	13.77
3/31/2021 17:00	2.4	153.6	30.25	6.275	61.09	60.96	61.22	99	0.07	13.77
3/31/2021 18:00	2.4	145	33.75	10.99	61.13	60.98	61.33	99.1	0.02	13.77
3/31/2021 19:00	1.1	240.4	52.82	3.298	61.39	61.24	61.54	98.2	0	13.72
3/31/2021 20:00	1.3	148.8	25.25	4.992	61	60.47	61.46	98.4	0	13.55
3/31/2021 21:00	1.0	158	35.81	3.252	60.1	59.89	60.49	99.2	0	13.44
3/31/2021 22:00	1.6	241.3	24.76	3.756	59.98	59.83	60.12	99.5	0	13.34
3/31/2021 23:00	1.3	266.6	28.79	2.885	59.69	59.5	59.9	99.6	0	13.24