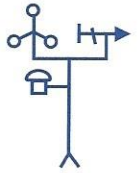




TECHNICAL ENVIRONMENTAL SERVICES, LLC



November 16, 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 October 2020. All the instrumentation functioned normally during October. The meteorological instrumentation was calibrated on October 6th. All instrumentation was found to be working properly. Data recovery for all the parameters was near 100%. October precipitation total was 2.19 inches.

Attached is a wind rose for the month of October 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-OCTOBER 2020

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

Run Date: 11/16/2020 4:18:30 PM

WIND ROSE

(WINDS FROM)

N



0.00% PERCENT CALMS
(NOT INCLUDED IN PLOT)

Start Date: 10/1/2020 01:00

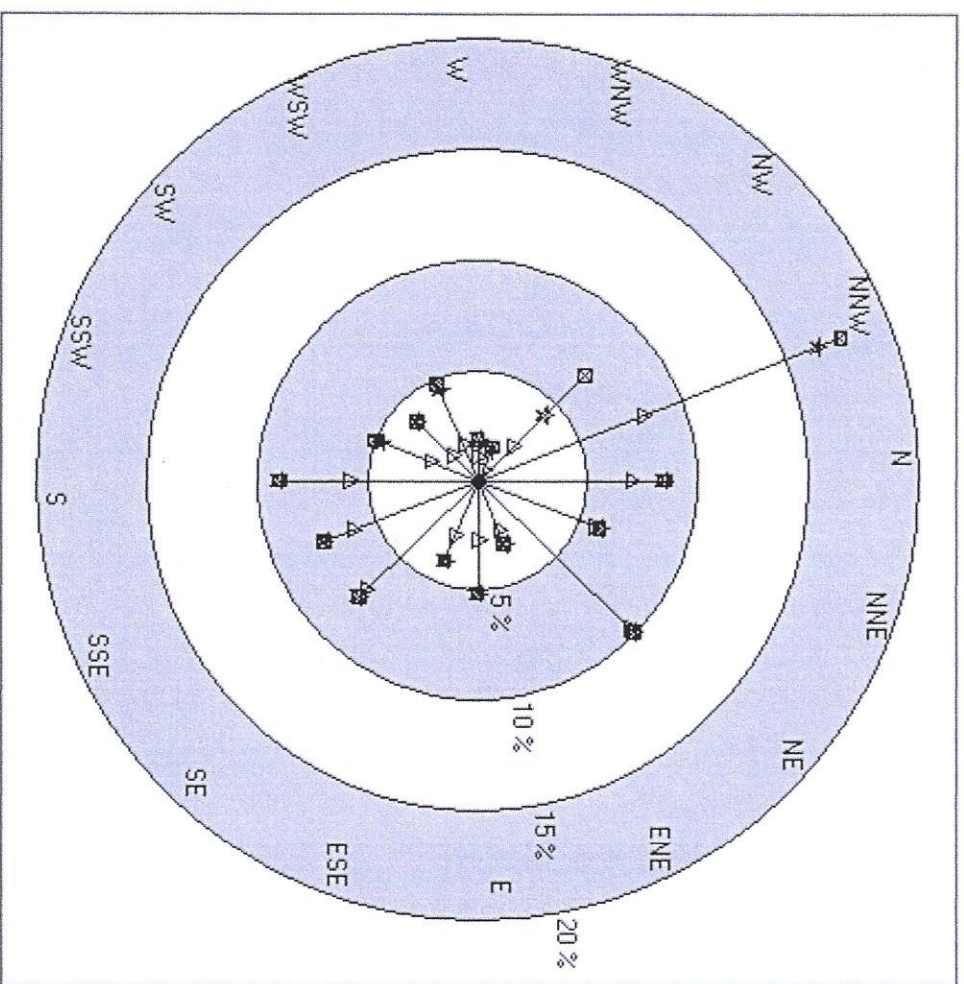
End Date: 10/31/2020 23:00

Sensors Selected

- 3M_W/S
- 3M_W/D

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)	
10/1/2020 0:00	3.0	212.8	23.64	7.465	59.41	59.13	59.72	75.48	0	13.08
10/1/2020 1:00	3.3	230.3	22.21	7.007	59.26	58.94	59.62	76.15	0	13.02
10/1/2020 2:00	1.4	180.6	27.07	4.717	57.82	56.95	58.93	81.2	0	12.97
10/1/2020 3:00	1.5	143.5	12.22	3.298	56.08	55.39	56.95	87.1	0	12.94
10/1/2020 4:00	0.6	160.3	45.75	3.069	55.26	54.86	55.42	89.3	0	12.94
10/1/2020 5:00	0.8	289.7	48.12	2.656	54.69	54.35	54.95	90.9	0	12.94
10/1/2020 6:00	0.8	272.6	33.84	2.519	54.6	54.41	54.88	91.5	0	12.93
10/1/2020 7:00	1.1	328.3	27.87	3.206	53.93	52.98	54.41	93.2	0	12.91
10/1/2020 8:00	1.3	352.1	76.37	3.023	53.71	52.99	54.45	94.7	0	12.92
10/1/2020 9:00	0.8	346.6	79.22	3.114	56.77	53.75	60.92	91.1	0	13.44
10/1/2020 10:00	1.5	169.6	59.26	4.809	62.2	60.81	63.97	77.78	0	13.82
10/1/2020 11:00	3.7	284.2	35.54	9.8	65.16	63.97	66.43	65.27	0	13.74
10/1/2020 12:00	6.7	313.4	19.97	13.14	66.8	66.23	67.48	58.22	0	13.7
10/1/2020 13:00	4.6	328.1	20.77	9.94	67.05	66.8	67.29	60.22	0	13.7
10/1/2020 14:00	4.0	335.3	23.07	8.34	66.78	66.43	68.06	62.8	0	13.7
10/1/2020 15:00	4.1	337.4	30.51	11.68	69.13	68.08	70.14	56.06	0	13.64
10/1/2020 16:00	2.7	344.5	26.14	7.832	68.52	67.85	69.15	57.47	0	13.64
10/1/2020 17:00	2.2	351.4	17.11	6.87	66.76	64.96	67.84	63.48	0	13.62
10/1/2020 18:00	2.7	348.9	18.87	6.275	63.87	63.02	65.14	68.58	0	13.5
10/1/2020 19:00	1.6	39.1	51.6	6.824	61.75	60.36	63.04	71.49	0	13.38
10/1/2020 20:00	1.1	130.4	48.98	2.977	59.45	59.06	60.36	84.9	0	13.28
10/1/2020 21:00	1.0	43.8	52.99	2.931	58.66	58.22	59.75	90.9	0	13.19
10/1/2020 22:00	1.0	42.8	42.92	2.931	58.23	57.34	58.89	93.9	0	13.11
10/1/2020 23:00	1.0	124.2	22.82	3.389	57.56	57.27	57.89	95.4	0	13.04
10/2/2020 0:00	1.4	78.1	58.96	4.168	57.2	56.52	57.58	95.4	0	12.98
10/2/2020 1:00	2.2	136.2	24.79	6.504	56.89	56.54	57.28	96.4	0	12.95
10/2/2020 2:00	1.6	188.6	80.3	4.122	56.54	56.17	56.86	97.6	0	12.94
10/2/2020 3:00	2.0	179.4	83.8	7.191	55.91	55.34	56.67	95.2	0	12.95
10/2/2020 4:00	1.2	252.9	63.27	4.443	55.35	55.08	55.68	98.3	0	12.93
10/2/2020 5:00	1.5	290.7	66.45	3.893	55.27	54.89	55.62	98.1	0	12.92
10/2/2020 6:00	1.5	146.2	56.41	4.443	54.5	54.01	54.92	96.6	0	12.9
10/2/2020 7:00	1.8	178.3	85.8	5.542	53.87	53.52	54.44	98.6	0	12.88
10/2/2020 8:00	1.8	241.6	51.93	5.313	54.32	53.99	54.48	96.8	0	12.87
10/2/2020 9:00	2.4	261.0	26.97	6	55.05	53.99	56.78	93.6	0	13.04
10/2/2020 10:00	5.6	293.8	23.37	11.36	57.38	56.75	57.82	79.86	0	13.81
10/2/2020 11:00	7.2	318.8	16.61	13.83	58.7	57.72	60.12	65.79	0	13.79
10/2/2020 12:00	7.5	313.1	19.06	14.15	60.98	59.95	62.04	56.33	0	13.74
10/2/2020 13:00	9.5	299.3	21.55	17.45	62.07	61.25	62.69	50.02	0	13.73
10/2/2020 14:00	9.2	311.3	19.14	15.98	62.94	61.39	64.23	47.27	0	13.7
10/2/2020 15:00	9.5	314.4	17.44	19.74	62.68	61.47	63.83	47.78	0	13.7
10/2/2020 16:00	8.5	319.8	17.95	18.64	63.74	62.84	64.67	46.49	0	13.7
10/2/2020 17:00	6.5	332.0	21.84	13.79	62.99	61.08	65.09	48.45	0	13.7

10/2/2020 18:00	6.0	327.3	15.74	13.74	62.15	61.38	63.21	48.6	0	13.7
10/2/2020 19:00	4.8	337.8	17.45	10.95	60.1	58.34	61.63	52.8	0	13.64
10/2/2020 20:00	3.1	342.6	14.5	6.733	56.97	55.7	58.39	59.3	0	13.5
10/2/2020 21:00	1.6	42.2	45.98	4.305	53.14	51.68	55.75	71.8	0	13.4
10/2/2020 22:00	0.7	67.1	30.83	1.74	50.54	48.62	52.41	83	0	13.31
10/2/2020 23:00	0.7	12.2	23.58	1.924	48.92	48.16	49.68	88	0	13.23
10/3/2020 0:00	1.8	330.5	15.33	3.939	48.12	47.3	49.02	87.4	0	13.15
10/3/2020 1:00	1.9	339.4	7.519	3.985	48.41	47.24	49.28	82.3	0	13.08
10/3/2020 2:00	2.8	343.8	13.63	5.679	47.98	47.06	48.37	82.7	0	13.01
10/3/2020 3:00	2.9	336.2	12.68	5.313	47.53	46.85	47.97	81.4	0	12.96
10/3/2020 4:00	3.5	338.6	10.93	5.725	47.32	46.76	47.99	81.4	0	12.93
10/3/2020 5:00	3.1	337.8	10.38	5.45	46.83	46.54	47.21	83.4	0	12.93
10/3/2020 6:00	2.8	351.8	14.69	5.038	46.82	46.07	47.33	83.3	0	12.93
10/3/2020 7:00	1.5	7.6	22.95	3.939	45.08	43.92	46.12	88.7	0	12.93
10/3/2020 8:00	0.6	3.0	23.82	2.84	43.68	42.23	45.72	93.9	0	12.93
10/3/2020 9:00	2.5	330.8	12.87	5.313	48.28	45.68	50.78	83.3	0	13.98
10/3/2020 10:00	4.3	333.9	29.16	8.66	53.19	50.81	55.17	68.47	0	13.87
10/3/2020 11:00	3.5	331.0	38.85	10.85	57.08	54.99	59.21	55.61	0	13.8
10/3/2020 12:00	4.6	344.9	32.72	13.51	59.68	58.55	61.08	44.29	0	13.77
10/3/2020 13:00	4.4	332.6	41.97	11.68	60.81	59.72	62.46	41.54	0	13.73
10/3/2020 14:00	3.2	310.6	63.63	8.66	62.87	61.44	63.93	41.19	0	13.7
10/3/2020 15:00	5.1	283.8	33.51	10.31	63.75	62.97	64.92	37.85	0	13.7
10/3/2020 16:00	4.8	308.5	49.29	10.72	63.31	61.31	64.99	39.1	0	13.7
10/3/2020 17:00	4.2	313.4	37.34	11.04	63.97	63.16	64.65	36.73	0	13.7
10/3/2020 18:00	4.2	301.2	23.6	8.84	62.84	61.7	63.77	39.04	0	13.7
10/3/2020 19:00	2.8	343.5	25.06	6.595	59.92	56.77	62.16	47.22	0	13.64
10/3/2020 20:00	0.8	33.7	14.84	2.198	54.35	52.7	56.74	60.75	0	13.51
10/3/2020 21:00	1.9	42.2	11.96	2.977	50.86	49.16	52.7	76.88	0	13.41
10/3/2020 22:00	1.5	38.3	24.95	2.977	47.75	46.92	49.15	93.5	0	13.32
10/3/2020 23:00	0.6	41.4	9.45	3.069	45.95	45.26	47.45	97.3	0	13.24
10/4/2020 0:00	0.9	51.4	35.02	3.985	44.94	44.37	45.6	98.5	0	13.16
10/4/2020 1:00	1.4	13.9	16.95	3.298	44.69	43.82	45.73	97.3	0	13.08
10/4/2020 2:00	0.6	41.6	8.69	1.695	44.04	43.56	44.39	97.4	0	13.02
10/4/2020 3:00	1.1	39.7	36.45	1.924	42.87	41.54	43.9	98.4	0	12.96
10/4/2020 4:00	0.4	15.5	22.37	1.603	41.68	41.13	42.24	99	0	12.93
10/4/2020 5:00	0.5	353.0	34.75	1.969	40.73	39.99	41.29	99.3	0	12.92
10/4/2020 6:00	0.4	34.7	33.41	1.832	40.87	40.37	41.42	99.5	0	12.92
10/4/2020 7:00	0.5	6.5	46.8	2.473	40.41	38.66	41.09	99.5	0	12.91
10/4/2020 8:00	0.5	319.0	12.17	2.198	40.09	38.37	42.59	99.7	0	12.9
10/4/2020 9:00	0.2	97.4	28.53	1.786	48.54	42.61	52.96	91.7	0	13.99
10/4/2020 10:00	1.0	38.4	44.72	3.618	55.72	52.41	59.63	77.82	0	13.86
10/4/2020 11:00	1.8	136.7	58.81	5.404	61.66	59.63	62.8	61.05	0	13.77
10/4/2020 12:00	2.4	125.2	63.11	7.74	63.65	62.42	64.73	49.62	0	13.71

10/4/2020 13:00	2.5	107.3	73.36	7.191	65.08	64.11	65.76	47.26	0	13.67
10/4/2020 14:00	3.1	111.0	45.76	8.66	66.22	65.27	67.13	46.53	0	13.65
10/4/2020 15:00	3.5	123.0	37.66	8.79	66.38	65.74	66.83	44.03	0	13.64
10/4/2020 16:00	3.3	122.8	49.46	8.02	66.48	66	66.89	44.66	0	13.64
10/4/2020 17:00	3.3	130.0	28.18	8.2	66	64.47	66.96	46.06	0	13.64
10/4/2020 18:00	3.1	129.8	20.52	8.06	63.89	62.49	64.79	49.79	0	13.64
10/4/2020 19:00	1.9	90.3	16.47	3.389	60.71	59.67	62.52	57.01	0	13.61
10/4/2020 20:00	1.6	58.6	37.97	2.519	57.73	54.74	59.7	68.3	0	13.47
10/4/2020 21:00	1.4	43.1	30.75	3.252	54.47	53.18	56.02	83.2	0	13.37
10/4/2020 22:00	0.4	22.9	35.42	1.42	53.78	53.29	54.86	90	0	13.28
10/4/2020 23:00	1.0	33.4	41.79	2.427	55.14	54.13	55.91	83.1	0	13.19
10/5/2020 0:00	1.2	50.9	28.64	3.206	53.17	52.14	54.47	90.1	0	13.12
10/5/2020 1:00	1.2	47.0	22.09	2.977	50.98	50.2	52.73	94.9	0	13.05
10/5/2020 2:00	1.8	42.3	28.19	3.71	50.02	48.7	51.2	97.4	0	12.99
10/5/2020 3:00	1.5	344.0	32.06	4.672	49.78	46.75	52.87	94.6	0	12.94
10/5/2020 4:00	1.0	311.5	63.05	2.702	52.37	51.6	53.03	91.8	0	12.93
10/5/2020 5:00	1.9	311.1	51.92	6.32	52.5	52.19	52.87	96.3	0	12.93
10/5/2020 6:00	1.6	319.7	9.41	4.397	52.48	51.92	52.82	96	0	12.92
10/5/2020 7:00	2.4	339.7	15.36	4.259	51.51	50.66	52.04	96.6	0	12.91
10/5/2020 8:00	3.1	336.3	33.6	9.57	51.07	49.68	52.78	95.8	0	12.91
10/5/2020 9:00	5.6	328.1	17.17	14.89	53.79	52.74	54.95	89.1	0	13.89
10/5/2020 10:00	8.9	326.5	14.9	16.81	56.16	54.88	57.57	78.84	0	13.85
10/5/2020 11:00	8.2	331.2	17.83	16.35	58.91	57.39	60.4	68.68	0	13.79
10/5/2020 12:00	8.2	327.1	19.36	15.11	61.44	60.14	62.87	60.92	0	13.74
10/5/2020 13:00	9.4	322.2	20.32	17.13	63.11	62.45	64.67	55.54	0	13.73
10/5/2020 14:00	6.1	331.4	20.39	11.63	63.46	61.74	64.96	54.62	0	13.7
10/5/2020 15:00	5.3	336.4	35.45	12.37	65.15	64.21	66.12	50.71	0	13.67
10/5/2020 16:00	5.2	343.3	30.4	11.77	64.89	63.45	66.12	50.36	0	13.67
10/5/2020 17:00	2.7	4.1	30.01	9.25	64.13	62.81	66.55	51.6	0	13.67
10/5/2020 18:00	2.3	342.8	16.65	5.725	62.44	61.97	63	54.3	0	13.67
10/5/2020 19:00	0.9	19.0	21.42	3.069	60.61	56.92	62.95	61.97	0	13.63
10/5/2020 20:00	0.5	344.4	16.51	2.794	56.54	55.23	58.29	70.24	0	13.49
10/5/2020 21:00	0.6	22.4	27.34	1.832	54.63	53.07	55.94	74.62	0	13.39
10/5/2020 22:00	1.5	30.3	26.21	4.122	52.25	49.77	55.04	83.1	0	13.3
10/5/2020 23:00	1.1	56.0	57.47	3.618	49.66	48.28	51.73	93.4	0	13.22
10/6/2020 0:00	1.4	25.1	22.18	3.664	48.41	46.85	50.31	94.9	0	13.15
10/6/2020 1:00	1.6	27.5	25.77	3.114	47.12	46.01	48.25	97.9	0	13.07
10/6/2020 2:00	0.9	31.2	20.48	2.519	45.89	45.39	46.39	98.8	0	13.01
10/6/2020 3:00	1.3	41.6	20.05	2.382	45.63	44.76	46.27	98.9	0	12.95
10/6/2020 4:00	1.8	45.9	12.61	2.427	44.96	44.01	45.62	98.7	0	12.93
10/6/2020 5:00	1.2	52.7	18.61	3.206	43.66	42.84	44.63	99	0	12.92
10/6/2020 6:00	1.8	41.3	9.92	2.794	43.42	41.8	44.2	99	0	12.92
10/6/2020 7:00	1.5	46.1	6.506	2.427	42.3	41.48	42.69	99.2	0	12.9

10/6/2020 8:00	1.3	52.0	17.54	2.153	43.06	42.36	44.76	99	0	12.9
10/6/2020 9:00	0.3	96.0	25.99	1.649	49.95	44.77	54.47	89.6	0	13.96
10/6/2020 10:00	1.7	141.1	36.8	7.694	57.44	54.49	59.11	72.12	0	13.86
10/6/2020 11:00	4.2	214.9	34.64	8.98	60.87	59.11	63.02	62.35	0	13.77
10/6/2020 12:00	4.7	230.7	37.26	12.64	64.27	63.01	65.4	60.47	0	13.71
10/6/2020 13:00	6.6	250.9	49.77	77.68	67.3	65.15	69.03	54.49	0.16	13.39
10/6/2020 14:00	4.7	249.6	39.47	10.9	68.25	66.97	69.18	51.86	0	13.39
10/6/2020 15:00	4.3	238.8	39.31	10.26	69.67	68.93	70.45	48.43	0	13.61
10/6/2020 16:00	4.3	243.5	43.17	12.09	70.5	69.64	71.11	45.47	0	13.61
10/6/2020 17:00	4.8	251.4	35.8	10.17	70.42	69.94	71.12	46.51	0	13.61
10/6/2020 18:00	4.0	229	26.34	10.63	69.66	68.7	70.44	48.87	0	13.61
10/6/2020 19:00	1.8	195.4	25.21	6.916	66.91	64.85	68.77	55.98	0	13.55
10/6/2020 20:00	1.1	161.1	14.77	2.931	63.37	62.51	64.83	64.94	0	13.42
10/6/2020 21:00	0.3	153.2	16.79	1.466	61.03	59.62	62.51	70.55	0	13.31
10/6/2020 22:00	1.1	137.7	13.2	2.153	59.33	58.59	59.81	76.22	0	13.23
10/6/2020 23:00	0.8	180.3	31.63	2.336	59.04	58.49	59.37	78.85	0	13.15
10/7/2020 0:00	0.8	147.2	32.45	2.565	58.08	57.15	58.49	83.6	0	13.07
10/7/2020 1:00	1.8	321.5	48	3.618	57.37	57	57.61	84.6	0	13.01
10/7/2020 2:00	0.4	347.7	32.13	2.656	55.58	53.57	57.44	89.7	0	12.96
10/7/2020 3:00	0.7	344.4	22.67	2.244	54.63	53.6	55.76	92.2	0	12.94
10/7/2020 4:00	0.1	9.03	10.73	1.42	53.29	52.67	54.15	95.6	0	12.94
10/7/2020 5:00	0.1	82.1	21.49	1.466	52.59	51.62	53.53	97.4	0	12.93
10/7/2020 6:00	0.2	68.67	33.43	1.328	51.9	51.24	52.61	97.8	0	12.91
10/7/2020 7:00	0.7	297.7	38.22	3.664	51.78	50.81	53.08	98.9	0	12.89
10/7/2020 8:00	0.5	92.9	22.1	2.656	52.52	50.67	54	98.4	0	12.89
10/7/2020 9:00	1.2	225.7	34.3	6.366	56.9	53.87	59.81	90.3	0	13.85
10/7/2020 10:00	3.9	242.1	27.72	9.76	62.72	59.82	66.24	76.37	0	13.77
10/7/2020 11:00	5.2	233.6	29.44	13.74	68.93	66.25	70.66	60.33	0	13.68
10/7/2020 12:00	6.9	243.9	31.67	14.84	71.64	70.26	73.32	52.49	0	13.64
10/7/2020 13:00	7.8	244.1	29.2	16.72	73.98	73.05	75.02	46.37	0	13.61
10/7/2020 14:00	7.7	248	29.65	16.21	75.92	74.14	77.39	44.91	0	13.59
10/7/2020 15:00	7.0	241.7	27.26	15.34	78.24	76.86	79.59	42.82	0	13.55
10/7/2020 16:00	7.3	247	28.78	17.31	80	79.57	80.8	39.88	0	13.55
10/7/2020 17:00	6.9	253.7	25.69	16.49	80.7	80.2	81.2	39.08	0	13.55
10/7/2020 18:00	5.7	257.1	21.06	12.64	79	77.5	80.4	43.99	0	13.55
10/7/2020 19:00	7.0	292.8	20.5	17.04	77.32	76.29	78.05	42.55	0	13.46
10/7/2020 20:00	7.3	300.6	13.53	15.21	75.55	74.43	76.6	44.82	0	13.32
10/7/2020 21:00	6.5	317.6	13.84	20.11	73.43	72.13	75.12	48.68	0	13.21
10/7/2020 22:00	4.2	331.3	15.28	10.72	71.39	70.33	72.77	50.09	0	13.13
10/7/2020 23:00	3.8	346.1	19.58	11.5	69.61	68.23	71.42	51.06	0	13.05
10/8/2020 0:00	2.7	337.7	15.08	6.366	66.59	64.92	68.22	53.71	0	13
10/8/2020 1:00	2.7	338	12.14	4.763	63.83	63.46	64.93	58.4	0	12.96
10/8/2020 2:00	3.9	340.6	16.1	10.63	64.53	63.75	65.32	53.49	0	12.96

10/8/2020 3:00	3.7	335.8	11.42	7.511	63.25	62.35	64.71	53.16	0	12.96
10/8/2020 4:00	4.0	344.6	15.44	7.42	60.61	58.42	62.69	59.21	0	12.94
10/8/2020 5:00	3.6	336.2	11.73	7.099	57.98	57.27	58.67	65.48	0	12.92
10/8/2020 6:00	3.8	340.2	14.03	6.778	56.98	56.39	57.37	66.65	0	12.9
10/8/2020 7:00	4.6	332.8	13.72	9.76	55.63	55.11	56.39	67.89	0	12.89
10/8/2020 8:00	2.3	358.9	23.3	6.366	55.01	54.8	55.32	66.85	0	12.88
10/8/2020 9:00	3.8	342.8	31.36	9.89	56.85	55.2	58.81	64.82	0	13.85
10/8/2020 10:00	7.5	324.5	13.33	16.3	60.36	58.8	61.16	54.22	0	13.79
10/8/2020 11:00	9.9	316.8	17.3	20.75	61.77	60.98	62.28	51.08	0	13.74
10/8/2020 12:00	9.5	321.9	17.14	19.19	63.17	62.11	64.58	49.04	0	13.7
10/8/2020 13:00	10.8	311.1	16.66	19.79	64.74	63.53	65.73	46.63	0	13.7
10/8/2020 14:00	12.2	319.1	15.36	23.31	65.56	64.61	66.37	45.05	0	13.67
10/8/2020 15:00	11.8	325.6	16.85	21.66	66.58	66.03	67.11	42.14	0	13.67
10/8/2020 16:00	8.1	331.7	21.96	19.47	67.65	66.62	68.48	39.78	0	13.65
10/8/2020 17:00	8.5	326.3	22.39	17.31	67.44	66.63	68.04	38.59	0	13.64
10/8/2020 18:00	8.8	331.4	16.21	17.91	65.79	64.83	66.67	39.38	0	13.64
10/8/2020 19:00	4.8	341.1	20.25	14.38	62.88	60.84	64.81	43.96	0	13.58
10/8/2020 20:00	2.8	341	18.83	4.717	59.57	57.82	61.17	50.4	0	13.45
10/8/2020 21:00	2.4	2.872	38.28	6.412	56.54	53.53	58.94	60	0	13.35
10/8/2020 22:00	1.6	20.04	51.29	4.809	55.04	52.33	57.83	63.2	0	13.26
10/8/2020 23:00	1.5	357.3	20.11	4.305	53.23	49.85	56.21	68.99	0	13.18
10/9/2020 0:00	0.8	2.852	27.66	2.336	50.99	47.97	53.47	75.67	0	13.11
10/9/2020 1:00	0.3	19.19	28.01	2.427	48.2	47.55	49.7	83.6	0	13.04
10/9/2020 2:00	0.7	73.29	19.15	2.061	47.65	45.82	48.72	87.9	0	12.98
10/9/2020 3:00	0.6	52.18	31.04	2.382	46.43	45.57	47.27	92.3	0	12.94
10/9/2020 4:00	1.6	38.53	7.036	2.794	44.9	43.13	45.71	95.7	0	12.93
10/9/2020 5:00	1.5	18.82	27.64	3.069	45.11	43	47.3	93	0	12.93
10/9/2020 6:00	1.7	33.59	13.63	3.572	44.65	42.48	46.15	90.9	0	12.93
10/9/2020 7:00	1.4	46.33	15.58	3.252	42.09	41.36	42.47	97.5	0	12.91
10/9/2020 8:00	1.0	117.8	32.22	1.878	43.99	41.04	46.71	94	0	12.91
10/9/2020 9:00	0.4	47.59	22.99	1.557	51.03	46.72	55.44	81.7	0	13.96
10/9/2020 10:00	1.7	250.1	45.36	8.38	58.64	55.07	61.22	63.53	0	13.83
10/9/2020 11:00	3.6	236.2	31.63	9.25	63.86	61.21	65.77	48.23	0	13.74
10/9/2020 12:00	4.7	244.1	34.12	12.14	67.01	65.62	68.23	43.28	0	13.68
10/9/2020 13:00	5.7	246.2	35.53	14.11	68.02	66.92	68.77	40.73	0	13.67
10/9/2020 14:00	5.5	229.1	35.03	12.18	68.46	67.68	69.16	40.29	0	13.64
10/9/2020 15:00	5.1	245.1	35.99	11.27	68.93	68.28	69.58	40.41	0	13.64
10/9/2020 16:00	4.8	215.4	30.31	11.31	69.27	68.41	70.29	40.03	0	13.64
10/9/2020 17:00	4.4	214.6	31.21	10.03	68.9	68.53	69.54	42.11	0	13.64
10/9/2020 18:00	4.7	192.4	32.29	12.82	67.63	66.14	69.1	46.75	0	13.64
10/9/2020 19:00	3.0	185.5	28.37	9.89	64.41	62.99	66.13	55.26	0	13.54
10/9/2020 20:00	1.9	183.7	18.4	4.809	61.76	60.46	63.02	61.79	0	13.41
10/9/2020 21:00	1.8	182.8	21.46	4.901	60.05	59.72	60.49	67.29	0	13.31

10/9/2020 22:00	1.6	191.5	22.38	4.946	59.5	58.93	60.06	70.94	0	13.22
10/9/2020 23:00	1.0	161.7	17.35	4.214	57.98	57.26	58.93	75.58	0	13.14
10/10/2020 0:00	1.8	186.6	25.05	4.855	58.04	57.75	58.22	76.34	0	13.07
10/10/2020 1:00	2.1	196.7	19.41	5.496	58.02	57.77	58.29	79.13	0	13
10/10/2020 2:00	1.3	191.9	23.76	3.801	57.56	57.23	57.84	81.6	0	12.96
10/10/2020 3:00	1.6	170.7	19.26	3.114	57.02	56.85	57.23	83.8	0	12.94
10/10/2020 4:00	1.6	175.1	25.59	4.58	56.94	56.62	57.57	85.2	0	12.94
10/10/2020 5:00	2.0	192.8	24.81	5.496	57.72	57.49	57.87	84.1	0	12.94
10/10/2020 6:00	1.9	205.2	20.24	6.458	57.41	56.97	57.74	86.2	0	12.92
10/10/2020 7:00	1.5	202	35.31	3.71	57.19	56.68	57.5	87.3	0	12.9
10/10/2020 8:00	2.0	195.5	31.07	4.763	56.64	55.87	57.16	90	0	12.9
10/10/2020 9:00	1.7	184.9	24.6	4.626	57.67	57.04	58.47	88.9	0	13.08
10/10/2020 10:00	2.2	202	29.75	5.175	59.68	58.46	61.28	85.1	0	13.82
10/10/2020 11:00	3.2	231.3	39.6	7.191	62.54	61.25	63.96	79.42	0	13.77
10/10/2020 12:00	3.0	230.2	34.73	8.29	64.28	63.66	66.01	78.24	0	13.75
10/10/2020 13:00	4.0	217.8	27.55	9.16	67.6	66.03	69.31	73.76	0	13.69
10/10/2020 14:00	4.8	234.5	33.91	13.01	71.27	69.31	72.63	69.53	0	13.65
10/10/2020 15:00	5.3	228.2	28.03	11.31	72.43	72.02	73.17	68.39	0	13.61
10/10/2020 16:00	5.2	231.5	34.26	14.52	71.14	70.23	72.18	72.47	0	13.61
10/10/2020 17:00	5.4	238.2	27.9	13.33	69.54	68.8	70.27	76.78	0	13.64
10/10/2020 18:00	3.7	239.1	29.35	10.4	68.27	67.73	68.82	80.5	0	13.64
10/10/2020 19:00	4.3	231.1	25.96	10.21	67.27	66.7	67.76	83.5	0	13.51
10/10/2020 20:00	3.4	227.1	27.54	9.21	66.28	65.88	66.73	86	0	13.38
10/10/2020 21:00	3.6	230.7	24.42	7.694	65.67	65.34	66.03	87.5	0	13.28
10/10/2020 22:00	3.0	245.4	24.51	7.328	65.12	64.72	65.51	88.9	0	13.18
10/10/2020 23:00	2.3	245.7	22.34	4.855	64.46	64.25	64.75	90.6	0	13.1
10/11/2020 0:00	1.8	240.6	25.39	5.084	64.46	64.33	64.59	90.3	0	13.03
10/11/2020 1:00	1.4	260.7	35.51	3.206	64.2	63.8	64.61	90.6	0	12.98
10/11/2020 2:00	1.6	255.9	31.66	4.901	64.8	64.3	65.27	88.8	0	12.95
10/11/2020 3:00	2.4	230	29.66	6.229	65.21	64.79	65.55	88.7	0	12.95
10/11/2020 4:00	1.8	251.4	37.48	4.717	64.83	64.4	65.25	91.9	0	12.96
10/11/2020 5:00	1.3	268.2	36.04	2.977	64	63.72	64.43	94.2	0	12.94
10/11/2020 6:00	1.1	178.8	77.69	3.527	63.4	62.05	63.85	95.5	0	12.92
10/11/2020 7:00	1.2	188.3	43.48	4.03	62.55	61.63	63.44	98.1	0	12.9
10/11/2020 8:00	2.3	231.1	30.44	6.733	63.77	63.44	63.94	97	0	12.89
10/11/2020 9:00	1.2	304.3	44.99	3.435	64.15	63.88	64.39	96.9	0	12.95
10/11/2020 10:00	0.7	162	40.2	4.443	65.13	64.4	65.69	94.7	0	13.75
10/11/2020 11:00	2.5	183.5	31.93	6.046	66.01	65.46	66.61	92.5	0	13.72
10/11/2020 12:00	1.0	70.58	68.02	4.076	67.88	66.53	68.93	88.1	0	13.7
10/11/2020 13:00	2.2	86.6	35.5	6.091	69.43	68.67	70.22	85.5	0	13.67
10/11/2020 14:00	3.1	119	32.05	7.145	69.55	68.96	70.4	85.6	0	13.67
10/11/2020 15:00	4.0	119.6	22.07	8.89	68.81	68.63	69.08	87	0	13.67
10/11/2020 16:00	3.0	120.4	24.11	7.42	66.82	66.07	68.69	95.2	0.18	13.66

10/11/2020 17:00	3.0	130	34.11	8.06	66.08	65.97	66.17	98.9	0.1	13.64
10/11/2020 18:00	3.6	122.5	19.63	7.649	65.86	65.72	66.02	98.4	0.03	13.62
10/11/2020 19:00	3.1	122.3	18.84	6.504	65.71	65.68	65.78	98.4	0	13.47
10/11/2020 20:00	2.9	124	18.89	6.549	65.55	65.46	65.71	99.1	0.04	13.35
10/11/2020 21:00	3.7	101.5	18.54	10.85	65.21	64.77	65.5	99	0.11	13.25
10/11/2020 22:00	4.6	102.2	19.31	9.07	64.24	63.54	64.78	98.8	0.06	13.17
10/11/2020 23:00	4.2	96.6	21.33	9.76	63.1	62.86	63.58	99.1	0.05	13.09
10/12/2020 0:00	4.9	95.1	19.99	10.95	62.77	62.7	62.89	99.1	0.05	13.02
10/12/2020 1:00	4.5	91.3	22.33	9.16	62.69	62.66	62.74	99	0.07	12.97
10/12/2020 2:00	4.2	82.4	23.29	12	62.39	62.19	62.7	99	0.03	12.96
10/12/2020 3:00	5.0	83.6	22.42	10.67	62.22	62.18	62.32	99	0.02	12.96
10/12/2020 4:00	4.9	84.7	26.27	10.9	61.9	61.52	62.25	98.6	0.07	12.96
10/12/2020 5:00	4.5	73.37	28.6	12.18	61.25	60.92	61.53	98.8	0.08	12.95
10/12/2020 6:00	5.5	78.74	26.7	14.84	60.6	60.23	60.96	98.3	0.12	12.93
10/12/2020 7:00	7.1	88.9	24.01	16.85	59.89	59.39	60.27	97	0.02	12.91
10/12/2020 8:00	6.7	85	26.75	18.59	58.6	58.06	59.39	96.6	0	12.89
10/12/2020 9:00	6.7	88.6	27.47	18.55	57.76	57.34	58.13	96.7	0	12.93
10/12/2020 10:00	7.2	80.4	27.01	18.32	57.04	56.78	57.37	95.9	0.01	13.22
10/12/2020 11:00	7.0	86.9	27.48	17.72	56.73	56.65	56.82	95.6	0	13.85
10/12/2020 12:00	7.2	86	27.25	18.23	56.79	56.61	57.29	96.4	0	13.85
10/12/2020 13:00	7.1	83.2	27.68	19.1	57.6	57.24	57.91	95	0	13.83
10/12/2020 14:00	6.1	81	28.03	16.17	57.77	57.62	57.92	93.1	0	13.83
10/12/2020 15:00	5.6	72.61	30.84	14.52	57.52	57.3	57.92	93.6	0	13.83
10/12/2020 16:00	4.9	73.69	30.55	14.61	57.11	56.94	57.3	94.8	0	13.83
10/12/2020 17:00	4.1	65.03	33.64	12.32	56.8	56.48	57	95.8	0	13.83
10/12/2020 18:00	4.1	58.66	29.99	9.98	56.28	56.16	56.53	97.4	0.01	13.8
10/12/2020 19:00	3.4	58.04	32.9	9.94	56.02	55.9	56.2	97.9	0.02	13.62
10/12/2020 20:00	2.9	45.37	35.38	9.39	55.87	55.81	55.95	97.8	0	13.5
10/12/2020 21:00	2.4	16.1	33.32	6.366	55.68	55.45	55.92	98.2	0.03	13.39
10/12/2020 22:00	2.3	357.5	27.07	5.725	55.45	55.42	55.53	99.3	0.02	13.3
10/12/2020 23:00	2.4	349.3	22.55	5.862	55.37	55.26	55.46	99.5	0.03	13.21
10/13/2020 0:00	2.5	341.9	19.48	6.046	55.26	55.21	55.36	99.5	0.01	13.13
10/13/2020 1:00	2.6	347	20.14	5.359	55.13	54.97	55.29	99.5	0.01	13.06
10/13/2020 2:00	3.4	341.1	20.87	8.11	54.78	54.47	55.04	99.5	0.01	12.99
10/13/2020 3:00	3.6	347.1	23.81	7.878	54.09	53.93	54.5	99.2	0	12.96
10/13/2020 4:00	3.7	331.8	20.49	8.56	53.93	53.83	54.02	99.2	0	12.96
10/13/2020 5:00	3.9	340.5	18.02	10.35	53.79	53.72	53.9	98.9	0	12.96
10/13/2020 6:00	2.0	3.804	39.23	4.488	53.67	53.58	53.83	99.5	0	12.95
10/13/2020 7:00	3.6	330.7	14.38	7.694	53.91	53.73	54.02	99.5	0	12.94
10/13/2020 8:00	3.5	335.3	23.08	8.66	54.02	53.95	54.16	99.7	0	12.93
10/13/2020 9:00	3.3	342	26.54	7.374	54.7	54.07	55.24	99.8	0	13.09
10/13/2020 10:00	4.4	332.3	19.31	10.63	56.22	55.25	57.39	98.3	0	13.85
10/13/2020 11:00	5.7	327.7	13.6	11.4	57.2	56.8	57.82	96.1	0	13.83

10/13/2020 12:00	5.6	318.4	15.5	11.86	59.28	57.81	60.74	90.8	0	13.8
10/13/2020 13:00	8.4	315	15.21	15.16	61.71	60.74	62.5	82.6	0	13.74
10/13/2020 14:00	8.7	330.3	18.54	17.17	64.17	62.35	66.44	75.73	0	13.71
10/13/2020 15:00	7.9	337	21.18	21.16	66.95	65.65	69.16	66.88	0	13.67
10/13/2020 16:00	10.9	320.3	14.59	21.66	68.86	67.5	69.79	58.11	0	13.64
10/13/2020 17:00	9.3	321.2	17.76	18.69	69.01	68.16	69.57	55.92	0	13.64
10/13/2020 18:00	10.4	322.5	14.9	20.2	67.25	65.69	68.82	52.85	0	13.64
10/13/2020 19:00	6.3	335.3	13.9	14.75	63.9	62.07	65.7	54.69	0	13.55
10/13/2020 20:00	4.6	335.4	12.46	9.94	61.01	59.74	62.21	60.47	0	13.42
10/13/2020 21:00	3.6	331.1	15.11	7.145	59.16	58.21	61.01	63.28	0	13.32
10/13/2020 22:00	3.2	330.2	9.34	7.099	57.76	56.42	59.55	64.04	0	13.23
10/13/2020 23:00	1.2	329.7	19.92	4.809	55.55	53.71	56.86	68.52	0	13.16
10/14/2020 0:00	3.7	332.3	9.31	6	54.75	53	55.87	68.73	0	13.08
10/14/2020 1:00	1.7	345	22.71	4.259	53.08	50.85	55.41	72.87	0	13.02
10/14/2020 2:00	2.3	335	10.49	4.901	51.39	49.96	52.98	75.01	0	12.96
10/14/2020 3:00	0.8	324.6	5.05	2.519	51.11	50.18	52.03	75.63	0	12.94
10/14/2020 4:00	2.3	335	13.57	4.443	49.66	48.61	50.42	79.61	0	12.94
10/14/2020 5:00	4.4	336.6	10.51	6.412	50.5	47.7	51.31	75.28	0	12.93
10/14/2020 6:00	2.1	328.5	12.2	6.595	49.56	48.73	50.5	78.64	0	12.92
10/14/2020 7:00	0.7	156	81.9	2.382	47.02	45.27	49.22	87.6	0	12.91
10/14/2020 8:00	1.1	345.6	72.71	2.931	47.01	45.91	48.11	88.8	0	12.9
10/14/2020 9:00	0.8	148.6	22.33	3.893	52.31	46.98	56.72	80	0	13.92
10/14/2020 10:00	2.7	197.1	44.01	7.053	58.34	56.69	60.4	67.44	0	13.82
10/14/2020 11:00	4.1	244.6	30.68	10.99	62.92	60.36	65.23	53.88	0	13.74
10/14/2020 12:00	5.6	270.7	26.54	14.15	65.79	64.34	66.95	47.19	0	13.7
10/14/2020 13:00	5.6	270.4	28.63	13.28	68.22	66.37	69.57	44.77	0	13.65
10/14/2020 14:00	6.5	279.1	31.25	14.15	70.13	68.83	71.58	42.28	0	13.64
10/14/2020 15:00	5.6	284.2	31.23	12.6	71.69	70.83	72.75	39.51	0	13.61
10/14/2020 16:00	5.6	274.1	33.67	13.24	72.57	71.77	73.2	37.49	0	13.61
10/14/2020 17:00	4.0	261.9	28.44	10.31	73.02	72.36	73.71	36.33	0	13.61
10/14/2020 18:00	1.9	261.2	46.45	5.496	72.64	70.25	73.33	38.33	0	13.61
10/14/2020 19:00	1.1	135.1	26.14	4.259	66.82	63.88	70.23	52.52	0	13.49
10/14/2020 20:00	1.9	135.5	13.28	3.527	63.93	62.27	65.23	57.52	0	13.37
10/14/2020 21:00	1.3	127.9	15.38	2.794	59.96	58.02	62.3	68.64	0	13.27
10/14/2020 22:00	1.8	158.1	22.91	4.351	59.6	58.11	60.63	69.13	0	13.18
10/14/2020 23:00	1.8	187.3	23.84	4.076	60.16	59.64	60.54	69.14	0	13.1
10/15/2020 0:00	2.0	184.1	21.6	6.275	59.11	58.54	59.64	73.74	0	13.03
10/15/2020 1:00	2.2	188.3	20.81	5.313	58.4	57.8	58.8	76.82	0	12.98
10/15/2020 2:00	2.8	176.6	25.79	7.603	57.67	57.07	58.21	78.51	0	12.94
10/15/2020 3:00	2.3	172.9	25.79	6.32	56.75	56.04	57.69	82	0	12.94
10/15/2020 4:00	2.8	182.7	24.25	7.786	55.94	55.63	56.35	85.9	0	12.94
10/15/2020 5:00	2.4	177	24.76	5.725	55.46	55	55.89	87.7	0	12.93
10/15/2020 6:00	3.0	183.5	24.32	7.832	55.54	55.26	55.91	87	0	12.92

10/15/2020 7:00	3.0	196.1	23.93	7.603	55.76	55.38	56.03	86	0	12.9
10/15/2020 8:00	2.2	190.3	21.98	6.504	55.29	54.92	56.13	86.5	0	12.89
10/15/2020 9:00	4.5	199.7	27.46	11.72	58.29	56.15	60.14	78.4	0	13.85
10/15/2020 10:00	5.9	202.7	25.97	14.75	61.9	60.13	63.99	70.63	0	13.76
10/15/2020 11:00	6.4	213	31.31	17.5	66.28	63.98	67.89	64.73	0	13.7
10/15/2020 12:00	7.3	205.4	29.67	15.8	68.98	67.59	70.32	61.46	0	13.65
10/15/2020 13:00	7.1	196.3	31.23	18.23	70.69	69.12	72	59.74	0	13.62
10/15/2020 14:00	6.7	192.6	31.88	15.98	71.59	70.65	72.31	59.55	0	13.61
10/15/2020 15:00	7.7	206.4	30.33	16.58	73.04	72.04	73.86	57.24	0	13.58
10/15/2020 16:00	8.2	193.5	31.23	17.77	73.25	72.68	73.69	58.77	0	13.58
10/15/2020 17:00	7.1	189.7	30.81	16.53	73.55	73.25	73.98	60.22	0	13.58
10/15/2020 18:00	5.9	188.8	31.05	14.47	72.8	71.95	73.63	62.67	0	13.58
10/15/2020 19:00	4.4	192.8	30.17	12.6	70.87	70	71.95	68.03	0	13.46
10/15/2020 20:00	3.1	182.6	28.63	8.75	69.26	68.64	70.04	72.85	0	13.33
10/15/2020 21:00	3.8	175.2	24.66	11.08	68.08	67.51	68.68	77.13	0	13.23
10/15/2020 22:00	3.8	177.9	26.6	9.71	67.19	66.67	67.57	79.8	0	13.14
10/15/2020 23:00	3.4	176.5	26.78	8.52	66.39	65.95	66.74	82	0	13.07
10/16/2020 0:00	1.8	182.4	39.14	5.817	65.57	65.11	66.04	84.5	0	13
10/16/2020 1:00	1.1	87.6	41	2.931	64.64	64.1	65.14	87.4	0	12.96
10/16/2020 2:00	3.7	267.1	29.85	15.3	66.11	64.55	66.8	84.7	0	12.95
10/16/2020 3:00	8.6	322.5	16.72	17.72	63.59	62.09	66.38	69.2	0	12.96
10/16/2020 4:00	7.2	325.8	14.31	14.66	61.59	61.08	62.1	60.68	0	12.95
10/16/2020 5:00	6.3	328.2	13.14	13.88	60.52	59.97	61.21	62.13	0	12.94
10/16/2020 6:00	6.2	333.7	17.12	11.59	59.47	58.8	59.97	64.8	0	12.92
10/16/2020 7:00	5.5	338.2	18.56	11.04	58.25	57.73	58.8	68.81	0	12.9
10/16/2020 8:00	4.9	349.3	28.58	14.98	56.51	54.37	57.77	71.85	0	12.89
10/16/2020 9:00	2.8	356.6	28.09	7.923	54.39	54.21	54.61	76.91	0.01	12.91
10/16/2020 10:00	3.0	354.2	28.94	8.84	55.02	54.51	55.64	71.8	0	13.01
10/16/2020 11:00	4.0	355.8	32.98	10.35	55.78	55.51	56.21	67.25	0	13.87
10/16/2020 12:00	2.9	350	31.09	7.969	56.06	55.64	56.66	66.88	0	13.85
10/16/2020 13:00	2.4	7.312	33.97	7.236	56.38	55.87	57.22	67.26	0	13.86
10/16/2020 14:00	1.9	18.91	37.44	5.725	57.22	56.41	57.8	67.09	0	13.83
10/16/2020 15:00	1.9	47.14	46.95	5.313	57.18	56.37	58.99	69.2	0	13.83
10/16/2020 16:00	4.0	351.4	49.81	11.63	58.74	57.98	60.06	59.19	0	13.8
10/16/2020 17:00	6.1	335.3	18.31	15.39	57.4	55.66	58.66	55.93	0	13.8
10/16/2020 18:00	4.8	341.8	21.7	12.55	54.74	54.03	55.66	58.03	0	13.71
10/16/2020 19:00	2.7	348.5	25.6	8.15	53.46	53.07	54.03	62.25	0	13.59
10/16/2020 20:00	1.7	353.7	28.41	5.175	52.61	52.16	53.11	64.78	0	13.47
10/16/2020 21:00	1.6	342.2	17.53	3.435	51.64	51.04	52.16	68.55	0	13.37
10/16/2020 22:00	1.2	335.9	17.87	3.572	50.77	50.38	51.14	72.96	0	13.29
10/16/2020 23:00	2.1	339.2	16.02	5.908	50.4	50.09	50.66	73.43	0	13.2
10/17/2020 0:00	2.4	347	22.41	6.962	50.16	49.24	50.5	71.74	0	13.13
10/17/2020 1:00	1.1	7.507	42.95	3.939	48.59	47.7	49.27	75.06	0	13.06

10/17/2020 2:00	2.5	347	39.64	5.084	47.21	46.17	47.94	76.04	0	13
10/17/2020 3:00	2.9	326.5	6.787	4.809	44.95	43.8	46.63	81	0	12.96
10/17/2020 4:00	1.7	351.7	20.52	3.985	43.1	41.6	43.79	86.9	0	12.95
10/17/2020 5:00	2.4	357.9	24.01	4.443	41.92	40.94	42.97	89.1	0	12.95
10/17/2020 6:00	1.3	11.18	36.44	3.206	39.78	37.71	41.06	94.2	0	12.94
10/17/2020 7:00	3.0	337	13.73	5.542	40.04	37.72	41.28	90.8	0	12.92
10/17/2020 8:00	2.9	328.6	12.12	4.992	40.39	40	40.84	90.4	0	12.92
10/17/2020 9:00	2.6	328.7	12.49	4.809	43.42	40.36	46.11	85	0	14.03
10/17/2020 10:00	2.4	323.4	28.84	5.313	48.6	46.11	50.21	70.01	0	13.93
10/17/2020 11:00	3.2	326.3	42.68	8.24	52.32	50.21	53.91	61.1	0	13.87
10/17/2020 12:00	3.9	333.1	39.25	10.81	54.93	53.74	56.05	51.22	0	13.8
10/17/2020 13:00	6.7	322.6	29.72	15.85	56.98	55.86	58.08	38.35	0	13.8
10/17/2020 14:00	5.0	359.3	38.91	15.3	58.39	57.26	59.75	35.05	0	13.77
10/17/2020 15:00	4.3	344.3	51.58	11.86	59.46	58.75	60.32	33.43	0	13.74
10/17/2020 16:00	3.7	333.8	40.37	11.86	60.42	59.85	61.02	27.76	0	13.73
10/17/2020 17:00	3.5	324	36.88	7.923	60.46	60.04	61.19	26.79	0	13.73
10/17/2020 18:00	1.8	335.2	39.57	7.236	59.98	58.74	61.28	28	0	13.74
10/17/2020 19:00	0.2	15.01	24.37	1.466	55.24	52.18	58.72	39.22	0	13.62
10/17/2020 20:00	1.2	47.97	22.88	3.435	50.18	45.94	52.15	52.2	0	13.5
10/17/2020 21:00	1.4	113.9	28.21	4.58	46.64	45.02	48.31	69.05	0	13.41
10/17/2020 22:00	1.4	122.9	17.85	3.435	47.35	46.23	48.64	71.32	0	13.31
10/17/2020 23:00	1.2	97.6	20.88	3.527	45.55	43.34	48.03	79.15	0	13.24
10/18/2020 0:00	1.1	68.95	41.45	2.931	44.01	43.14	44.81	84.9	0	13.16
10/18/2020 1:00	2.0	36.72	21.19	3.527	43.07	40.32	44.34	87.4	0	13.08
10/18/2020 2:00	1.1	32.03	12.83	3.343	39.73	39.25	40.46	96.9	0	13.02
10/18/2020 3:00	0.7	17.74	18.18	1.832	38.86	38.17	39.61	97.9	0	12.96
10/18/2020 4:00	0.8	47.04	16.34	3.069	37.87	37.3	38.5	98.5	0	12.93
10/18/2020 5:00	0.7	28.53	11.95	1.786	37.7	37.25	38.5	98.8	0	12.92
10/18/2020 6:00	0.9	37.66	10.04	2.519	36.89	36.57	37.29	98.9	0	12.92
10/18/2020 7:00	0.7	51.72	7.625	1.924	36.54	35.97	36.91	99.1	0	12.9
10/18/2020 8:00	0.7	38.32	16.88	1.74	36.11	35.57	37.29	99.3	0	12.9
10/18/2020 9:00	0.5	14.56	31.16	2.153	41.17	37.31	46.69	96.7	0	14.06
10/18/2020 10:00	1.3	146.3	30.01	4.122	51.21	46.73	54.16	74.47	0	13.93
10/18/2020 11:00	3.3	167	34.13	11.04	56.43	54.22	58.72	59.97	0	13.83
10/18/2020 12:00	4.7	176.9	39.3	11.31	59.72	58.46	60.82	48.77	0	13.77
10/18/2020 13:00	5.1	171.2	38.2	12.64	60.77	60.01	61.48	50.51	0	13.74
10/18/2020 14:00	4.9	177.7	38.23	11.95	61.7	60.72	63.4	51.26	0	13.74
10/18/2020 15:00	4.7	183.3	37.87	10.76	62.57	61.21	64.15	51.73	0	13.71
10/18/2020 16:00	4.2	164.1	34.03	11.22	63.26	62.03	64.82	52.11	0	13.7
10/18/2020 17:00	3.8	159	34.13	10.85	63.39	62.54	64.11	52.73	0	13.7
10/18/2020 18:00	3.7	163.8	28.79	9.34	62.15	60.82	62.85	58.74	0	13.7
10/18/2020 19:00	1.9	144.4	19	4.855	59.78	59.14	60.82	67.23	0	13.57
10/18/2020 20:00	2.1	137.5	18	4.397	58.26	56.76	59.17	73.59	0	13.45

10/18/2020 21:00	2.1	124.6	28.86	5.038	56.98	56.3	57.42	78.74	0	13.35
10/18/2020 22:00	1.6	63.67	36.13	3.664	54.96	53.12	56.29	85.8	0	13.26
10/18/2020 23:00	1.4	23.8	39.92	3.069	51.95	50.69	53.12	94.7	0	13.18
10/19/2020 0:00	1.7	137.8	36.39	5.496	52.78	50.71	54.44	94.8	0	13.1
10/19/2020 1:00	1.7	75.43	48.71	3.16	53.98	53.03	55.17	92.2	0	13.03
10/19/2020 2:00	1.4	43.27	29.65	2.885	51.77	50.58	53.87	96.1	0	12.98
10/19/2020 3:00	0.9	49.89	26.51	2.107	50.92	50.39	51.27	98.3	0	12.94
10/19/2020 4:00	1.2	41.57	28.34	2.748	50.82	49.96	51.73	98.8	0	12.94
10/19/2020 5:00	0.4	33.34	19.35	2.565	50.44	50.04	51.4	98.8	0	12.93
10/19/2020 6:00	1.2	90.7	37.93	4.443	50.84	50.08	51.53	99.1	0	12.92
10/19/2020 7:00	0.8	141.5	11.54	2.656	52.47	51.41	53.57	98.9	0	12.91
10/19/2020 8:00	1.0	42.78	22.54	2.015	53.56	53.23	53.81	97.9	0	12.9
10/19/2020 9:00	1.0	75.33	52.94	3.801	54.13	53.49	54.91	98.3	0	12.97
10/19/2020 10:00	2.7	140.7	27.78	7.42	58.18	54.9	62.09	91.7	0	13.82
10/19/2020 11:00	3.6	178	33.38	9.76	62.67	62.1	63.32	80.7	0	13.76
10/19/2020 12:00	4.1	195.5	31.78	9.71	63.44	62.6	64.34	79.18	0	13.74
10/19/2020 13:00	4.5	198.1	31.16	9.8	65.2	63.85	66.64	74.87	0	13.71
10/19/2020 14:00	4.4	198.9	35.24	11.54	67.44	66.22	68.69	68.86	0	13.67
10/19/2020 15:00	5.0	173.2	35.28	10.85	68.53	67.64	69.7	65.97	0	13.64
10/19/2020 16:00	4.5	188.9	37.65	9.89	68.34	67.68	69.8	63.88	0	13.64
10/19/2020 17:00	5.6	208.4	26.4	12.5	69.56	68.94	70.32	58.44	0	13.64
10/19/2020 18:00	4.1	161.6	31.93	10.72	68.66	66.7	70.01	63	0	13.64
10/19/2020 19:00	2.3	154.4	23.64	6.733	65.71	64.92	66.7	69.83	0	13.49
10/19/2020 20:00	2.2	128.3	21.11	4.855	63.34	61.64	64.99	76.82	0	13.37
10/19/2020 21:00	2.7	153.8	24.24	7.694	61.53	61.19	62.08	82.6	0	13.27
10/19/2020 22:00	2.2	148.5	20.19	6.183	61.81	61.15	62.08	79.78	0	13.18
10/19/2020 23:00	1.5	14.89	75.54	3.71	60.89	60.22	61.46	82.4	0	13.1
10/20/2020 0:00	2.4	149.6	25.5	7.236	59.99	59.14	60.65	86.5	0	13.03
10/20/2020 1:00	2.4	157.6	32	7.236	60.37	60.13	60.62	84.6	0	12.98
10/20/2020 2:00	2.3	144.4	19.2	4.351	59.6	58.96	60.12	87	0	12.95
10/20/2020 3:00	1.0	99.9	49.7	3.572	58.16	57.23	58.99	91.2	0	12.95
10/20/2020 4:00	1.3	41.29	26.35	2.702	55.84	54.52	57.25	96.2	0	12.95
10/20/2020 5:00	1.1	112.7	34.43	2.885	54.76	54.33	55.44	98.4	0	12.94
10/20/2020 6:00	0.8	76.09	71.29	2.382	54.69	54.23	55.64	99.2	0	12.92
10/20/2020 7:00	1.1	120.6	18.17	3.023	56	55.47	56.45	99.5	0	12.89
10/20/2020 8:00	1.8	158.7	26.78	4.488	56.74	56.31	57.3	99.9	0	12.89
10/20/2020 9:00	2.0	166.9	31.12	5.679	58.04	57.3	58.8	100	0	13.13
10/20/2020 10:00	3.3	209.9	28.16	9.07	59.7	58.81	60.54	96.7	0	13.82
10/20/2020 11:00	3.5	205.7	30.71	8.93	62.41	60.55	64.44	88.1	0	13.74
10/20/2020 12:00	4.0	188.3	35.19	10.03	66.73	64.38	68.57	77.58	0	13.66
10/20/2020 13:00	3.7	220.8	37.62	9.25	70.69	68.59	73.1	67.51	0	13.61
10/20/2020 14:00	3.0	173.4	51.51	8.15	72.84	71.64	74.02	63.05	0	13.58
10/20/2020 15:00	3.2	183.1	36.67	8.34	73.92	73.11	74.9	61.07	0	13.55

10/20/2020 16:00	3.6	164	36.03	8.7	73.72	72.9	74.73	62.69	0	13.55
10/20/2020 17:00	3.4	159.3	35.33	8.66	73.37	72.83	73.79	61.45	0	13.55
10/20/2020 18:00	3.0	153.2	25.48	8.06	72.55	71.51	73.22	61.66	0	13.55
10/20/2020 19:00	1.6	153.5	21.9	5.45	69.75	68.22	71.51	68.28	0	13.43
10/20/2020 20:00	1.9	90.5	31.97	4.076	66.16	64.5	68.22	79.32	0	13.31
10/20/2020 21:00	1.2	84.5	25.83	3.343	62.83	61.74	64.63	92.4	0	13.21
10/20/2020 22:00	2.2	130.1	12.69	4.992	62.23	61.69	62.62	96.6	0	13.13
10/20/2020 23:00	1.7	128.1	15.84	4.58	61.56	60.78	62.39	98.2	0	13.05
10/21/2020 0:00	2.3	133.6	13	5.679	61.69	61.32	62.01	99.3	0	12.99
10/21/2020 1:00	2.1	137.5	16.03	5.542	61.38	61.06	61.81	99.7	0	12.95
10/21/2020 2:00	2.2	156.7	23.75	6.687	61.59	61.3	61.95	100	0	12.94
10/21/2020 3:00	1.6	129.2	18.35	3.527	60.95	60.25	61.74	99.9	0	12.95
10/21/2020 4:00	0.5	148.1	15.36	3.16	60.46	60.28	60.74	100	0	12.94
10/21/2020 5:00	1.2	165.9	24.05	3.114	61.31	60.7	61.62	100	0	12.92
10/21/2020 6:00	1.2	156.1	23.78	3.527	61.39	61.22	61.56	100	0	12.91
10/21/2020 7:00	1.6	152.3	22.91	4.763	61.28	61.22	61.45	100	0	12.89
10/21/2020 8:00	2.0	150.2	22.34	5.908	61.16	60.98	61.49	100	0.01	12.88
10/21/2020 9:00	2.1	152.8	25.2	5.038	61.76	61.13	62.62	100	0	12.96
10/21/2020 10:00	2.4	178	27.74	6.549	63.22	62.59	63.75	100	0	13.67
10/21/2020 11:00	3.1	188.7	31.25	7.282	64.1	63.73	64.69	100	0	13.75
10/21/2020 12:00	3.4	193.2	32.22	8.79	65.6	64.54	66.85	99	0	13.73
10/21/2020 13:00	2.7	173.6	35.68	8.84	68.02	66.69	69.68	91.8	0	13.67
10/21/2020 14:00	4.3	190.4	31.96	9.98	71.01	69.68	73.54	82.7	0	13.62
10/21/2020 15:00	4.3	190	37.23	9.57	73.22	71.1	74.56	76.51	0	13.56
10/21/2020 16:00	3.7	181.9	34.89	8.56	74.59	73.55	75.71	74.17	0	13.55
10/21/2020 17:00	3.5	179	37.65	9.98	75.28	74.82	75.99	73.65	0	13.55
10/21/2020 18:00	2.4	160	37.09	6.733	74.69	73.4	75.68	75.86	0	13.55
10/21/2020 19:00	2.1	134.6	15.81	5.267	71.56	69.93	73.39	84.3	0	13.4
10/21/2020 20:00	1.7	125.1	15.43	3.985	69.23	67.72	70.33	90.6	0	13.28
10/21/2020 21:00	0.7	148.1	17.45	2.885	67.18	65.75	67.74	95.3	0	13.19
10/21/2020 22:00	0.7	136	15.44	3.389	66.74	66	67.9	95.6	0	13.1
10/21/2020 23:00	0.5	125.3	8.97	2.015	66.47	65.63	67.27	96.7	0	13.03
10/22/2020 0:00	0.7	134.4	15.08	2.519	65.96	65.39	66.43	97.9	0	12.98
10/22/2020 1:00	0.5	149.7	18.07	2.336	65.59	65.43	65.88	98.1	0	12.95
10/22/2020 2:00	0.1	135.5	4.611	1.282	64.6	62.64	65.86	98.6	0	12.95
10/22/2020 3:00	1.0	53.34	12.23	2.473	63.24	60.74	65.08	99.5	0	12.96
10/22/2020 4:00	1.5	35.58	21.74	3.572	59.07	57.1	62.21	99.7	0	12.95
10/22/2020 5:00	0.5	35.92	23.81	2.153	57.1	56.55	58.05	100	0	12.93
10/22/2020 6:00	0.3	74.01	26.46	2.611	57.58	56.77	58.13	100	0	12.92
10/22/2020 7:00	0.6	8.54	14.31	2.015	57.77	57.33	58.28	100	0	12.89
10/22/2020 8:00	0.2	120.3	17.53	2.519	57.98	57.4	58.53	100	0	12.88
10/22/2020 9:00	0.8	118.7	30.48	3.206	59.22	58.53	59.84	100	0.01	13.06
10/22/2020 10:00	1.2	159.9	42.37	3.298	60.98	59.63	62.19	100	0	13.78

10/22/2020 11:00	0.9	17.39	65.96	2.931	63.53	62.19	64.38	100	0	13.74
10/22/2020 12:00	1.5	46.3	41.62	4.122	64.88	64.11	65.96	100	0	13.7
10/22/2020 13:00	2.1	152.9	72.36	6.091	70.24	65.67	73.21	87.4	0	13.59
10/22/2020 14:00	3.0	208	40.2	8.61	75.59	73.27	78.31	72.19	0	13.55
10/22/2020 15:00	4.2	186.2	36.51	9.43	77.79	77.19	78.68	63.61	0	13.52
10/22/2020 16:00	3.8	177.6	37.63	9.21	79.05	78.24	80.3	57.37	0	13.52
10/22/2020 17:00	3.5	192.2	35.49	9.85	79.44	78.82	80.3	54.19	0	13.52
10/22/2020 18:00	2.5	177.2	29.46	7.603	78.15	76.72	79.17	55.4	0	13.52
10/22/2020 19:00	2.3	119.9	23.48	4.076	74.29	71.93	76.73	65.54	0	13.37
10/22/2020 20:00	2.6	115.7	17.78	5.359	70.51	69.33	71.91	81.2	0	13.25
10/22/2020 21:00	1.3	90.2	30.29	2.84	67.41	65.84	69.38	89.3	0	13.16
10/22/2020 22:00	1.5	129.2	22.32	4.03	66.36	65.35	67.16	91	0	13.08
10/22/2020 23:00	2.1	128.3	14.26	4.901	66.45	65.66	67.21	88.4	0	13.01
10/23/2020 0:00	1.8	132.7	12.35	3.664	65.38	64.94	65.78	89.7	0	12.97
10/23/2020 1:00	0.8	130.2	23.48	2.702	63.69	62.3	64.98	93.8	0	12.95
10/23/2020 2:00	1.2	101.7	55.87	3.114	62.37	61.03	63.3	96.8	0	12.95
10/23/2020 3:00	0.8	133.8	17.37	2.656	60.54	60.16	61.09	98.8	0	12.95
10/23/2020 4:00	0.6	135	13.68	3.16	61.37	60.74	62.03	99.9	0	12.94
10/23/2020 5:00	1.1	148.6	17.74	3.114	62.18	61.89	62.41	100	0	12.92
10/23/2020 6:00	1.7	133.3	16.24	3.298	61.81	61.6	62.3	100	0	12.91
10/23/2020 7:00	1.6	147.6	20.5	4.58	61.81	61.68	61.92	100	0	12.89
10/23/2020 8:00	1.7	137.6	20.62	4.03	62.02	61.88	62.14	100	0	12.88
10/23/2020 9:00	2.4	144.2	21.61	4.992	62.32	62.04	62.99	100	0	12.99
10/23/2020 10:00	1.9	148	30.05	4.946	63.7	62.83	65.05	100	0	13.75
10/23/2020 11:00	2.3	168.1	48.45	5.588	68.59	65.06	71.04	88.5	0	13.64
10/23/2020 12:00	3.5	164.3	35.79	9.11	72.06	70.96	73.21	76.26	0	13.58
10/23/2020 13:00	4.1	173.4	38.83	10.67	73.8	72.63	74.74	70.18	0	13.58
10/23/2020 14:00	5.3	179.2	34.55	13.05	75.06	73.38	77.62	62.71	0	13.55
10/23/2020 15:00	5.4	189.7	32.21	12.69	76.19	74.25	77.09	56.44	0	13.55
10/23/2020 16:00	4.7	195.7	33.19	10.67	77.05	76.23	77.72	52.62	0	13.52
10/23/2020 17:00	4.7	172.1	32.31	11.36	74.91	73.89	77.3	58.33	0	13.52
10/23/2020 18:00	4.5	138.4	24.19	11.22	72.46	71.58	74.46	68.52	0	13.55
10/23/2020 19:00	3.9	140.3	20	8.7	70.27	69.24	71.58	74.09	0	13.41
10/23/2020 20:00	3.3	141.6	18.26	7.099	68.3	67.17	69.23	78.65	0	13.29
10/23/2020 21:00	3.1	155	23.89	7.878	66.75	66.07	67.22	81.1	0	13.19
10/23/2020 22:00	2.4	154.6	22.88	6.412	65.15	64.51	66.08	82.6	0	13.11
10/23/2020 23:00	3.1	166.1	27.15	9.11	64.14	63.91	64.51	85.5	0	13.04
10/24/2020 0:00	3.0	170.9	27.44	9.53	63.58	63.06	63.97	88.8	0	12.99
10/24/2020 1:00	2.5	187.1	26.14	6.733	62.7	62.25	63.06	92.3	0	12.96
10/24/2020 2:00	2.2	185.7	23.18	6.229	61.84	61.44	62.28	95.1	0	12.95
10/24/2020 3:00	2.0	184.7	25.94	5.725	61.15	60.79	61.49	96.1	0	12.95
10/24/2020 4:00	2.5	176.5	25.22	7.099	60.78	60.69	60.92	96.9	0	12.95
10/24/2020 5:00	1.9	173.1	23.82	5.542	60.62	60.49	60.83	97.4	0	12.94

10/24/2020 6:00	1.4	193.5	23.38	3.847	60.39	60.14	60.64	97.8	0	12.93
10/24/2020 7:00	1.2	178.4	20.46	3.389	59.8	59.39	60.21	98.9	0	12.91
10/24/2020 8:00	0.5	265.1	45.55	1.969	59.19	58.8	59.57	99.5	0	12.9
10/24/2020 9:00	1.4	242.8	35.99	5.725	61.01	59.38	62.01	96.9	0	13.81
10/24/2020 10:00	1.4	233.6	33.64	3.664	63.09	61.99	64.1	93.1	0	13.78
10/24/2020 11:00	1.6	259.5	47.74	5.175	65.63	64.08	66.78	87.4	0	13.73
10/24/2020 12:00	2.6	299.8	26.81	6.137	68.03	66.56	69	78.95	0	13.7
10/24/2020 13:00	4.6	310.8	14.42	9.02	69.33	68.97	70.13	74.21	0	13.7
10/24/2020 14:00	6.9	322.2	16.99	13.6	70.57	69.87	71.17	71.58	0	13.64
10/24/2020 15:00	7.3	319.8	14.46	12.87	70.71	69.7	71.53	71.44	0	13.64
10/24/2020 16:00	7.9	318.4	15.47	13.6	69.49	69.05	70.04	69.98	0	13.64
10/24/2020 17:00	7.4	327.4	16.89	13.19	67.68	66.16	69.6	65.13	0	13.64
10/24/2020 18:00	5.3	342.4	20.19	12.5	65.28	64.54	66.15	64.4	0	13.67
10/24/2020 19:00	4.1	339	15.71	9.85	63.78	63.18	64.54	65.58	0	13.48
10/24/2020 20:00	6.4	337.1	16.92	14.75	62.16	60.82	63.21	63.87	0	13.36
10/24/2020 21:00	4.9	344.1	21.32	10.12	59.88	58.93	60.81	64.75	0	13.27
10/24/2020 22:00	4.2	345.9	26.1	11.22	58.22	57.33	58.95	64.68	0	13.18
10/24/2020 23:00	4.3	353.1	28.03	10.67	56.44	55.84	57.33	62	0	13.1
10/25/2020 0:00	3.7	355.9	31.06	10.85	55.29	54.77	55.88	62.01	0	13.03
10/25/2020 1:00	3.1	1.964	29.05	8.29	54.15	53.43	54.8	63.28	0	12.98
10/25/2020 2:00	2.6	2.957	27.75	8.89	52.68	52	53.45	63.22	0	12.96
10/25/2020 3:00	3.5	10.38	30.51	8.7	51.61	51.11	52.01	63.09	0	12.95
10/25/2020 4:00	2.9	14.61	33.88	9.39	50.63	50.07	51.11	62.66	0	12.95
10/25/2020 5:00	2.5	20.02	33.92	7.236	49.67	49.23	50.11	63.68	0	12.94
10/25/2020 6:00	2.4	17.53	37.24	8.24	49.06	48.79	49.3	64.25	0	12.93
10/25/2020 7:00	2.4	38.14	40.86	9.43	48.22	47.7	48.84	67.97	0	12.92
10/25/2020 8:00	1.6	52.08	26.33	6.229	46.85	45.75	47.72	75.16	0.02	12.9
10/25/2020 9:00	1.2	73.43	41.81	6	44.81	44.52	45.73	88	0.05	12.92
10/25/2020 10:00	0.6	36.92	30.12	4.717	45.48	44.9	46.02	88	0.01	13.15
10/25/2020 11:00	1.8	39.01	34.94	6	44.83	44.47	45.18	88.8	0.02	14.02
10/25/2020 12:00	2.2	16.08	32.3	6.916	43.82	43.01	44.54	93.8	0.08	14.03
10/25/2020 13:00	2.4	14.51	30.17	7.007	43.49	43.28	43.92	95.5	0.02	14.03
10/25/2020 14:00	2.6	39.01	35.04	9.11	44.03	43.7	44.45	94	0	14.03
10/25/2020 15:00	2.2	52.45	30.5	7.099	44.71	44.25	44.95	92.9	0.01	14
10/25/2020 16:00	2.1	25.92	32.4	6.32	45.07	44.81	45.27	93.7	0	14
10/25/2020 17:00	2.5	32.78	32.58	6.687	44.97	44.87	45.15	93.5	0	14
10/25/2020 18:00	1.5	29.67	31.62	4.58	45.01	44.91	45.14	96.9	0	13.84
10/25/2020 19:00	1.8	42.59	32.8	7.42	45.11	44.99	45.26	96.9	0	13.69
10/25/2020 20:00	1.8	47.28	30.17	5.359	45.23	45.16	45.32	96.5	0	13.57
10/25/2020 21:00	2.0	41	34.33	5.221	45.15	45.03	45.29	96.6	0	13.48
10/25/2020 22:00	1.5	30.66	33.5	4.809	45.05	44.88	45.24	95.7	0	13.39
10/25/2020 23:00	1.6	0.441	28.64	4.901	44.77	44.65	44.94	98.2	0.01	13.3
10/26/2020 0:00	2.1	9.67	40.51	5.633	44.81	44.72	45	98.7	0	13.22

10/26/2020 1:00	2.2	358.8	23.75	4.901	44.99	44.91	45.08	98.1	0	13.14
10/26/2020 2:00	2.2	11.23	34.5	6.916	45.02	44.93	45.16	98.6	0	13.07
10/26/2020 3:00	2.9	343.2	20.19	6.229	45.03	44.96	45.19	99.4	0	13
10/26/2020 4:00	2.4	350.7	22.14	5.954	45.26	45.07	45.47	99.8	0	12.96
10/26/2020 5:00	2.6	345.1	22.63	5.908	45.57	45.46	45.72	99.9	0	12.95
10/26/2020 6:00	1.9	345.6	24.61	5.038	45.74	45.62	45.88	99.7	0.01	12.95
10/26/2020 7:00	2.2	337.6	21.43	5.404	46.01	45.79	46.27	99.6	0	12.94
10/26/2020 8:00	2.8	344.4	20.9	7.374	46.07	45.88	46.28	99.5	0	12.93
10/26/2020 9:00	2.1	344.2	21	5.359	46.62	46.23	47.11	99.9	0	12.96
10/26/2020 10:00	2.8	339.7	21.47	6.458	47.33	47.05	47.9	99.7	0	13.27
10/26/2020 11:00	2.3	324.9	20.33	5.221	48.95	47.9	49.93	98	0	13.95
10/26/2020 12:00	3.6	309.6	14.09	6.733	50.47	49.77	51.4	96.1	0	13.93
10/26/2020 13:00	2.3	327.9	33.89	5.908	52.39	51.31	53.65	93.5	0	13.87
10/26/2020 14:00	1.9	331.5	59.79	4.58	54.74	53.64	55.83	89.5	0	13.85
10/26/2020 15:00	1.6	311.8	77.7	4.901	57.01	55.46	58.19	87.2	0	13.8
10/26/2020 16:00	2.0	320.3	56.92	6.091	58.69	57.81	60.3	85.9	0	13.8
10/26/2020 17:00	1.0	153.9	58.54	3.71	60.47	60.15	60.74	82.9	0	13.77
10/26/2020 18:00	0.8	12.03	49.26	2.611	60.52	59.36	61.22	84.1	0	13.77
10/26/2020 19:00	0.8	2.836	25.86	1.786	58.53	57.9	59.36	89.8	0	13.58
10/26/2020 20:00	1.1	33.36	32.27	2.519	56.47	55.6	57.91	95.5	0	13.46
10/26/2020 21:00	1.9	51.56	24.71	3.023	54.37	53	55.77	98.8	0	13.36
10/26/2020 22:00	0.5	2.054	40.48	2.244	53.33	52.58	53.94	99.7	0	13.27
10/26/2020 23:00	1.2	37.23	33.15	2.702	52.55	51.7	53.6	99.9	0	13.19
10/27/2020 0:00	0.2	41.95	14.33	2.107	52.74	52.37	53.15	100	0	13.11
10/27/2020 1:00	0.6	50.98	49.16	2.107	53.42	53.06	54.05	100	0	13.04
10/27/2020 2:00	1.5	15.73	55.35	3.252	53.61	53.32	54.07	100	0	12.98
10/27/2020 3:00	0.6	50.15	44.5	2.794	54.11	53.81	54.87	100	0	12.95
10/27/2020 4:00	0.8	10.76	34.6	2.519	54.59	54.16	55.09	99.9	0	12.94
10/27/2020 5:00	0.3	342	30.68	1.511	55.12	54.23	55.51	99.9	0	12.93
10/27/2020 6:00	1.1	55.52	34.96	3.16	55.26	54.91	55.75	99.8	0	12.93
10/27/2020 7:00	1.9	0.834	19.76	4.855	55.44	54.82	56.21	99.6	0	12.91
10/27/2020 8:00	2.5	345.6	18.23	5.359	56.48	56.19	56.77	95.6	0	12.91
10/27/2020 9:00	1.6	0.868	28.11	6.091	56.72	56.64	56.83	91.3	0	12.94
10/27/2020 10:00	0.3	16.6	16.91	1.832	57.05	56.68	57.42	89.4	0	13.09
10/27/2020 11:00	0.7	56.72	43.88	3.527	57.84	57.28	58.11	86.4	0	13.84
10/27/2020 12:00	1.4	38.98	54.96	4.672	58.55	57.8	59.42	80.6	0	13.82
10/27/2020 13:00	1.7	2.694	76.03	7.282	59.82	59.22	60.72	73.78	0	13.76
10/27/2020 14:00	1.7	306.4	40.89	5.496	60.04	59.62	60.43	75.08	0	13.76
10/27/2020 15:00	1.5	257.6	47.38	4.259	60.78	60.21	61.56	73.83	0	13.76
10/27/2020 16:00	2.1	206.8	43.67	6.137	61.47	61.32	61.68	71.05	0	13.76
10/27/2020 17:00	2.1	166.5	37.14	4.946	61.55	61.3	61.91	71.58	0	13.76
10/27/2020 18:00	1.6	277.4	43.99	3.71	61.17	60.73	61.84	73.57	0	13.67
10/27/2020 19:00	1.1	81.1	63.72	2.656	60.16	59.68	60.9	77.8	0	13.52

10/27/2020 20:00	1.3	116.3	47.15	4.214	59.36	58.61	59.85	81.6	0	13.4
10/27/2020 21:00	1.5	175.6	28.17	4.672	60.19	59.83	60.44	80.5	0	13.3
10/27/2020 22:00	2.0	157.1	33.5	10.03	59.76	59.18	60.29	87.2	0	13.21
10/27/2020 23:00	1.2	117.7	27.62	3.435	58.84	58.48	59.23	93	0	13.13
10/28/2020 0:00	2.0	117.3	20.34	4.672	58.31	58.24	58.5	95.3	0	13.05
10/28/2020 1:00	2.0	126	17.98	4.901	58.28	58.23	58.34	96.3	0	12.99
10/28/2020 2:00	1.7	154.1	27.64	5.817	58.23	58.1	58.61	97.6	0	12.96
10/28/2020 3:00	2.7	193.5	25.87	7.145	59.18	58.57	59.35	98.2	0	12.95
10/28/2020 4:00	3.6	193.8	25.3	9.25	59.47	59.27	59.66	98.1	0	12.95
10/28/2020 5:00	4.1	199.9	26.76	12	59.3	59.25	59.48	99.6	0	12.94
10/28/2020 6:00	3.4	228.7	28.3	8.34	59.47	59.31	59.64	100	0	12.93
10/28/2020 7:00	3.2	222.9	25.64	9.21	59.7	59.6	59.82	100	0	12.91
10/28/2020 8:00	4.0	222.3	21.82	9.02	59.85	59.77	60.01	99.7	0	12.9
10/28/2020 9:00	3.9	237.4	27.39	10.35	60.07	59.92	60.24	99.2	0	12.92
10/28/2020 10:00	2.9	243.3	27.88	7.74	60.64	60.16	61.63	98.2	0	13.23
10/28/2020 11:00	3.5	249.2	26.76	8.7	62.03	61.44	62.32	92.5	0	13.78
10/28/2020 12:00	4.2	247.6	31.28	9.43	63.3	62.32	64.05	87.9	0	13.76
10/28/2020 13:00	3.3	253.9	37.02	7.053	65.19	63.81	66.25	82.6	0	13.7
10/28/2020 14:00	2.4	326	32.43	6.137	65.5	65.17	66.11	81.8	0	13.7
10/28/2020 15:00	1.7	233.9	51.03	5.45	66.69	65.59	67.61	79.37	0	13.7
10/28/2020 16:00	2.3	215.6	39	6.091	67.92	66.7	68.75	77.39	0	13.7
10/28/2020 17:00	1.5	249.6	44.5	5.862	68.43	68.1	68.81	77.47	0	13.7
10/28/2020 18:00	1.5	11.31	19.33	3.114	67.36	65.97	68.56	82.3	0	13.64
10/28/2020 19:00	1.2	65.36	36.33	2.519	65.22	64.6	66.02	87.4	0	13.47
10/28/2020 20:00	1.2	49.53	35	2.611	63.56	62.84	64.7	92.7	0	13.35
10/28/2020 21:00	1.5	27.45	33.94	3.481	61.99	61.23	63.91	95.9	0	13.25
10/28/2020 22:00	1.4	40.57	36.77	5.13	62.09	61.23	62.72	95.7	0	13.17
10/28/2020 23:00	1.9	67.92	29.49	4.58	62.48	62.32	62.6	93.6	0	13.09
10/29/2020 0:00	2.2	55.23	24.63	5.679	61.74	61.13	62.35	93	0	13.02
10/29/2020 1:00	2.0	85.5	23.49	4.763	60.85	60.57	61.15	91.4	0	12.97
10/29/2020 2:00	2.5	97	21.29	6.458	60.24	59.92	60.58	90.2	0	12.96
10/29/2020 3:00	3.0	119.9	20.87	8.2	59.78	59.51	59.98	88.4	0	12.96
10/29/2020 4:00	1.9	83	24.57	5.267	58.91	57.8	59.57	90.4	0.02	12.96
10/29/2020 5:00	2.4	75.14	22.22	6.229	56.77	55.87	57.8	95.9	0.08	12.94
10/29/2020 6:00	3.6	90.2	23.05	9.07	55.4	54.91	55.92	97.7	0.06	12.93
10/29/2020 7:00	4.8	97.3	23.1	12.09	54.63	54.34	54.93	97.9	0.2	12.91
10/29/2020 8:00	4.5	109.8	22.74	10.35	54.47	54.32	54.84	99.1	0.14	12.88
10/29/2020 9:00	5.3	115.9	20.01	12.92	55.2	54.83	55.53	99.1	0.09	12.89
10/29/2020 10:00	5.7	116.7	18.76	14.52	55.6	55.46	55.72	99	0.18	13.01
10/29/2020 11:00	4.2	113	29.71	12.69	55.52	55.41	55.63	99.6	0.33	13.13
10/29/2020 12:00	3.8	96.6	20.65	9.39	55.38	55.31	55.5	99.6	0.41	13.4
10/29/2020 13:00	3.4	83.4	21.45	8.38	55.71	55.47	56.25	99.8	0.05	13.8
10/29/2020 14:00	3.3	81	22.63	8.2	56.58	56.19	56.92	100	0.11	13.85

10/29/2020 15:00	3.7	38.35	27.52	9.16	57.04	56.85	57.39	99.9	0.06	13.86
10/29/2020 16:00	5.0	16.61	46.46	14.34	57.25	56.04	58.12	99.3	0.02	13.86
10/29/2020 17:00	6.8	345.5	23.1	15.07	54.19	52.62	56.01	97.3	0	13.86
10/29/2020 18:00	8.1	331.6	16.39	18.14	51.16	49.49	52.62	96.6	0	13.7
10/29/2020 19:00	5.8	342.9	21.72	15.94	49.24	49.15	49.52	96.3	0	13.56
10/29/2020 20:00	2.9	5.507	35.87	7.328	49.3	49.17	49.41	96	0.02	13.46
10/29/2020 21:00	3.2	336.9	35.93	8.15	49.49	49.32	49.6	97.6	0.01	13.36
10/29/2020 22:00	3.9	337.2	18.6	8.52	49.55	49.44	49.65	98.4	0.01	13.27
10/29/2020 23:00	2.7	359.2	30.51	8.24	49.8	49.61	49.96	97.4	0	13.19
10/30/2020 0:00	2.9	13.28	35.29	7.74	49.47	49.09	49.88	96.7	0.01	13.11
10/30/2020 1:00	3.0	40.19	38.98	11.18	48.57	48.18	49.11	95.1	0	13.05
10/30/2020 2:00	3.5	36.45	38.3	10.63	48.14	47.96	48.38	94	0	12.99
10/30/2020 3:00	2.4	33.59	42.95	6.87	47.81	47.48	48.13	96	0.05	12.97
10/30/2020 4:00	3.6	12.55	50.75	11.08	47.4	47.31	47.54	98	0.08	12.96
10/30/2020 5:00	3.4	353.9	30.18	8.52	47.46	47.3	47.62	97.1	0.01	12.96
10/30/2020 6:00	4.3	352.3	27.02	11.82	47.25	46.85	47.55	95.1	0	12.94
10/30/2020 7:00	3.7	2.668	32.4	10.21	46.45	46.32	46.89	96.8	0.01	12.93
10/30/2020 8:00	4.3	351.7	23.59	10.76	46.43	46.16	46.63	93.5	0	12.92
10/30/2020 9:00	5.6	343.2	21.4	14.01	46.05	45.77	46.44	95	0	12.94
10/30/2020 10:00	5.4	345.2	22.32	12.14	46.12	45.75	46.68	90.6	0	13.16
10/30/2020 11:00	7.1	346.7	24.74	16.26	47.59	46.62	49.26	80.2	0	13.92
10/30/2020 12:00	7.0	344.4	27.51	15.16	49	48.14	50.53	73.63	0	13.89
10/30/2020 13:00	7.6	327.8	18.99	15.76	48.08	47.4	49.02	76.57	0	13.89
10/30/2020 14:00	5.0	344.9	26.39	14.15	47.32	46.97	47.59	77.59	0	13.9
10/30/2020 15:00	5.2	336.5	21.35	13.37	48.35	47.59	49.1	73.96	0	13.93
10/30/2020 16:00	5.8	338.1	23.1	13.01	49.26	48.72	50.34	70.51	0	13.93
10/30/2020 17:00	3.9	349.3	30.09	9.98	50.32	49.5	51.35	66.25	0	13.93
10/30/2020 18:00	2.1	359.6	32.78	6	49.74	48.21	51.34	68.9	0	13.93
10/30/2020 19:00	2.0	347.4	14.35	5.084	47.59	47.37	48.21	74.84	0	13.71
10/30/2020 20:00	3.7	322.5	14.79	7.969	47.67	46.87	48.02	78.64	0	13.59
10/30/2020 21:00	3.8	321	11.47	8.02	47.64	47.41	48.03	80.5	0	13.48
10/30/2020 22:00	3.1	331.5	17.15	6.137	47.33	47	47.54	82.6	0	13.39
10/30/2020 23:00	3.4	331	14.33	8.52	46.74	46.27	47.02	83	0	13.3
10/31/2020 0:00	4.6	330.9	12.36	10.21	45.3	44.6	46.27	81	0	13.23
10/31/2020 1:00	3.3	0.094	30.29	11.18	43.88	42.98	44.71	81	0	13.15
10/31/2020 2:00	2.1	354.1	30.21	6.229	43.04	42.53	43.47	82.7	0	13.08
10/31/2020 3:00	1.7	3.205	26.46	6.549	41.64	40.73	42.56	85.2	0	13.01
10/31/2020 4:00	1.0	344.9	35.37	3.069	39.91	38.97	40.82	89.9	0	12.97
10/31/2020 5:00	1.2	37.04	24.08	2.702	38.55	37.88	39.42	93.4	0	12.95
10/31/2020 6:00	1.6	9.58	13.95	2.931	37.17	36.22	38	96.7	0	12.94
10/31/2020 7:00	1.2	7.34	9.61	2.885	36.3	36.02	36.69	95.6	0	12.93
10/31/2020 8:00	1.7	39.84	29.52	2.977	35.07	34.13	36.32	97.2	0	12.92
10/31/2020 9:00	1.5	29.17	22.76	4.168	36.09	34.32	38.77	96.6	0	14.13

10/31/2020 10:00	1.7	44.53	38.94	5.633	41.89	38.68	44.24	83.8	0	14.03
10/31/2020 11:00	3.0	87.4	54.55	8.24	45.75	44.08	47.01	62.04	0	13.96
10/31/2020 12:00	2.4	127.2	46.56	7.099	45.74	44.44	47.25	59.36	0	13.93
10/31/2020 13:00	3.5	172.6	43.72	8.79	46.97	45.89	50.62	59.04	0	13.93
10/31/2020 14:00	4.2	157.7	34.86	11.86	47.83	46.46	51.04	60.56	0	13.9
10/31/2020 15:00	3.8	161.3	36.95	10.12	47.27	46.8	47.9	62.35	0	13.9
10/31/2020 16:00	3.9	167.3	34.62	9.21	47.18	46.91	47.65	62.55	0	13.9
10/31/2020 17:00	3.8	154.5	33.7	9.16	47.33	46.83	48.02	63.67	0	13.9
10/31/2020 18:00	3.6	140.8	23.31	8.84	46.44	46.09	46.85	66.49	0	13.91
10/31/2020 19:00	2.8	143.8	23.91	6.962	45.38	45	46.09	69.76	0	13.72
10/31/2020 20:00	3.3	141.2	19.26	6.687	44.56	44.09	45.02	71.46	0	13.6
10/31/2020 21:00	3.0	137.1	17.47	6.595	44.13	43.96	44.33	72.14	0	13.5
10/31/2020 22:00	3.0	145.8	20.54	6.733	44.32	44.21	44.47	72.48	0	13.41
10/31/2020 23:00	3.0	155.6	23.49	7.465	44.66	44.4	44.97	71.69	0	13.32