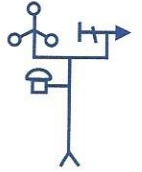




# TECHNICAL ENVIRONMENTAL SERVICES, LLC



October 6, 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 August and September 2021. All the instrumentation functioned normally during the period. Data recovery for all the parameters was near 100%. August and September precipitation totals were 4.18 and 4.79 inches, respectively.

Attached is a wind rose for August and September 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-SEPTEMBER 2021

PARAMETER	RECOVERY (percent)
Wind Speed 3m	99.8
Wind Direction 3m	99.8
Temperature 2m	99.8
Relative Humidity 2m	99.8
Precipitation	99.8

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)
8/1/2021 0:00	1.0	71.69	44.51	2.473	69.9	69.17	70.7	80.1	0 13.06
8/1/2021 1:00	1.1	127	14.94	2.565	69.88	69.67	70.15	79.14	0 12.99
8/1/2021 2:00	1.7	136.6	20.29	4.168	69.92	69.64	70.08	79.06	0 12.95
8/1/2021 3:00	1.1	144.6	27.23	4.397	69.42	69.26	69.66	85.3	0 12.95
8/1/2021 4:00	1.5	185.9	35.67	4.992	69.57	69.37	69.71	88.9	0 12.94
8/1/2021 5:00	1.2	252.9	33.21	4.305	69.37	68.84	69.65	90.2	0 12.93
8/1/2021 6:00	0.8	319.4	60.83	2.107	68.81	68.61	69.01	93.6	0 12.91
8/1/2021 7:00	1.7	159.3	44.46	5.267	68.84	68.43	69.37	93.5	0 12.91
8/1/2021 8:00	1.6	156.4	35.75	6.549	69.86	69.34	70.31	89.3	0 13.05
8/1/2021 9:00	1.7	155.2	38.04	8.38	71.27	70.27	72.66	85.3	0 13.66
8/1/2021 10:00	2.5	147.5	37.46	6.549	72.86	72.41	73.65	79.91	0 13.63
8/1/2021 11:00	2.5	189.7	35.16	7.053	72.69	72.38	73.23	79.95	0 13.63
8/1/2021 12:00	2.4	238.2	42	7.145	71.46	69.59	72.72	87	0.08 13.63
8/1/2021 13:00	1.0	25.83	53.79	3.343	70.83	69.66	72.14	92.2	0.01 13.64
8/1/2021 14:00	2.0	23.07	62.02	7.328	71.04	70.55	71.4	95	0.08 13.63
8/1/2021 15:00	2.4	229.5	49.09	6.595	72.34	71.38	73.16	90.2	0 13.63
8/1/2021 16:00	2.6	235.3	41.05	7.191	72.25	71.85	72.79	89.6	0 13.63
8/1/2021 17:00	3.6	211.6	31.23	9.57	74.28	72.79	75.46	82.5	0 13.58
8/1/2021 18:00	2.1	223.3	45.01	7.328	76.74	74.54	77.77	76.7	0 13.55
8/1/2021 19:00	1.4	137.7	64.28	4.259	77.67	76.45	78.65	73.37	0 13.54
8/1/2021 20:00	1.9	140.9	21.74	4.763	74.96	73.94	76.45	80.1	0 13.54
8/1/2021 21:00	1.2	156.9	30.81	2.977	73.07	72.39	73.95	85.1	0 13.36
8/1/2021 22:00	3.0	331.7	75.01	19.97	70.6	67.7	73.22	88.3	0.03 13.25
8/1/2021 23:00	1.2	32.31	41.62	4.672	67.1	66.53	67.74	95.9	0.01 13.15
8/2/2021 0:00	0.8	7.132	23.7	4.351	66.1	65.62	66.61	96.8	0 13.07
8/2/2021 1:00	1.6	347.9	13.4	4.809	65.02	64.53	65.63	97.1	0 13
8/2/2021 2:00	2.2	332.5	11.71	4.351	63.58	62.56	64.6	95.2	0 12.95
8/2/2021 3:00	1.4	353.7	53.23	3.527	62.18	61.47	62.59	96.2	0 12.94
8/2/2021 4:00	1.7	357.2	31.49	4.03	61.82	61.34	62.51	95.7	0 12.94
8/2/2021 5:00	0.8	349.8	24.62	3.298	60.73	60.13	61.5	94.9	0 12.93
8/2/2021 6:00	2.8	1.858	31.48	5.175	60.85	59.88	61.75	92.4	0 12.91
8/2/2021 7:00	3.8	332.2	11.02	7.282	61.15	60.36	61.74	89.5	0 12.91
8/2/2021 8:00	2.5	325.6	12.58	6.504	62.97	61.08	64.94	87.7	0 13.29
8/2/2021 9:00	4.1	305.6	20.27	10.03	66.53	64.91	67.86	78.96	0 13.72
8/2/2021 10:00	4.8	323.1	21.32	12	69.11	67.86	70.22	71.88	0 13.67
8/2/2021 11:00	5.3	327.9	21.11	11.18	71.3	70.23	72.18	65.05	0 13.63
8/2/2021 12:00	5.1	349.5	32.42	11.04	73.38	71.67	74.84	58.85	0 13.58
8/2/2021 13:00	4.9	337	37.2	14.75	74.67	73.73	76.03	56.98	0 13.57
8/2/2021 14:00	4.8	341	27.84	10.81	75.03	73.41	76.74	55.33	0 13.57
8/2/2021 15:00	4.1	347.6	37.19	14.11	76.38	74.96	78.64	52.57	0 13.55
8/2/2021 16:00	3.5	3.135	44.68	11.77	77.52	76.11	78.61	49.66	0 13.54
8/2/2021 17:00	3.0	25.85	44.93	9.43	77.64	75.97	78.68	50.53	0 13.52
8/2/2021 18:00	2.8	51.3	42.8	8.43	77.75	76.42	78.6	48.99	0 13.51
8/2/2021 19:00	1.6	29.46	36.36	5.13	77.43	76.64	78.26	48.91	0 13.51
8/2/2021 20:00	1.4	73.83	27.03	3.023	75.63	74.44	76.65	51.53	0 13.51
8/2/2021 21:00	1.3	64.93	33.09	2.519	71.74	69.98	74.44	58.82	0 13.37
8/2/2021 22:00	2.2	47.64	24.56	3.893	67.02	63.55	71.14	74.29	0 13.26

8/2/2021 23:00	0.8	14.12	24.72	3.206	64.43	63.38	65.78	84.2	0	13.16
8/3/2021 0:00	2.1	43.97	30.03	3.298	62.51	61.59	64.84	91.9	0	13.08
8/3/2021 1:00	0.8	34.5	37.22	2.198	60.55	60.07	61.59	97.1	0	13.01
8/3/2021 2:00	0.4	36.26	32.3	2.473	59.71	59.35	60.1	98.4	0	12.95
8/3/2021 3:00	0.4	60.11	29.87	2.244	59.6	58.9	60.14	98.6	0	12.93
8/3/2021 4:00	0.1	24.66	7	1.74	59.25	58.98	59.49	98.9	0	12.93
8/3/2021 5:00	0.2	72.9	10.09	1.237	59.56	59.34	59.78	98.9	0	12.92
8/3/2021 6:00	0.0	346.2	0.019	0.504	59.55	59.21	59.81	99	0	12.91
8/3/2021 7:00	0.1	102.8	4.765	1.695	59.79	59.57	60.01	99.1	0	12.9
8/3/2021 8:00	0.5	346.5	27.03	1.786	61.13	59.97	62.53	98.4	0	13.06
8/3/2021 9:00	0.5	53.26	28.44	2.794	64.46	62.5	66.1	92.4	0	13.78
8/3/2021 10:00	0.9	37.75	33.27	2.931	68.21	66.11	70.32	84.5	0	13.73
8/3/2021 11:00	1.8	70.46	31.13	6.091	72.13	70.32	73.79	72.31	0	13.64
8/3/2021 12:00	1.8	68.7	41.95	4.992	73.96	73.64	74.55	64.47	0	13.61
8/3/2021 13:00	2.0	63.48	43.01	5.359	74.66	74.08	75.23	64.25	0	13.6
8/3/2021 14:00	2.6	95.6	49.34	7.145	76.44	75.04	77.53	58.98	0	13.55
8/3/2021 15:00	2.5	92.4	44.81	7.42	77.5	76.46	78.27	55.69	0	13.54
8/3/2021 16:00	2.3	66.41	39.15	6.183	78.04	77.66	78.72	53.18	0	13.54
8/3/2021 17:00	2.9	103.2	34.16	7.465	78.45	77.61	79.57	51.3	0	13.52
8/3/2021 18:00	3.4	115.9	29.53	8.11	76.74	75.85	77.82	54.19	0	13.52
8/3/2021 19:00	3.4	128.1	17.57	7.786	74.91	74.31	75.95	57.08	0	13.52
8/3/2021 20:00	3.6	129.1	17.41	7.145	74.15	72.99	75.01	59.54	0	13.55
8/3/2021 21:00	1.9	126.3	25.86	4.763	71.83	70.41	72.98	64.24	0	13.4
8/3/2021 22:00	2.4	114.6	23.15	5.496	69.3	68.62	70.37	71.29	0	13.28
8/3/2021 23:00	1.7	38.88	28.36	3.756	67.55	64.78	69.17	78.23	0	13.18
8/4/2021 0:00	1.3	31.98	16.56	2.748	63.62	62.3	64.9	91.8	0	13.09
8/4/2021 1:00	0.6	53.02	21.08	1.74	62.01	61.33	62.34	97.1	0	13.02
8/4/2021 2:00	0.5	343.7	23.4	2.015	60.9	59.77	61.33	97.8	0	12.96
8/4/2021 3:00	0.2	338.1	23.7	2.84	60.81	59.65	61.56	98.8	0	12.93
8/4/2021 4:00	0.4	356.2	43.4	2.061	61.29	60.74	61.78	98.4	0	12.93
8/4/2021 5:00	0.4	31.35	32.64	2.977	61.28	60.75	61.76	98.4	0	12.92
8/4/2021 6:00	2.3	50.68	19.01	4.946	61.83	61.72	62.08	96.8	0	12.91
8/4/2021 7:00	1.5	43.05	19.26	4.351	61.88	61.78	62	96.8	0	12.89
8/4/2021 8:00	1.1	16.58	22.39	3.16	62.56	61.99	63.48	96.5	0	13
8/4/2021 9:00	1.3	33.88	26.06	3.939	64.6	63.48	65.92	91.4	0	13.78
8/4/2021 10:00	1.5	23.29	33.88	4.397	67.12	65.89	68.45	84.6	0	13.73
8/4/2021 11:00	1.5	50.79	40.82	4.809	69.67	68.44	71.2	76.53	0	13.67
8/4/2021 12:00	2.6	84.1	28.45	8.89	73.14	71.04	74.99	62.76	0	13.61
8/4/2021 13:00	5.0	93.1	31.11	11.68	75.5	74.11	76.22	52.47	0	13.58
8/4/2021 14:00	5.6	89.4	33.21	13.51	77.12	76.06	77.97	48.69	0	13.57
8/4/2021 15:00	4.8	94.1	37.94	12.73	78.34	77.24	79.08	46.63	0	13.54
8/4/2021 16:00	4.2	90.5	40.73	10.95	79.06	78.26	80.2	45.89	0	13.52
8/4/2021 17:00	3.3	81.2	46.64	10.12	79.35	78.28	80.1	46.03	0	13.51
8/4/2021 18:00	3.0	68.77	37.83	9.25	79.29	78.78	80.1	45.35	0	13.51
8/4/2021 19:00	2.4	103.6	34.66	8.06	78.12	76.95	79.28	49.08	0	13.51
8/4/2021 20:00	2.4	125.8	20.35	6.962	75.63	73.84	77.01	54.72	0	13.51
8/4/2021 21:00	1.9	117.9	17.34	4.214	72.22	70.73	73.86	59.83	0	13.36
8/4/2021 22:00	1.6	82	27.18	2.977	69.96	68.16	70.74	65.23	0	13.24

8/4/2021 23:00	1.6	37.32	8.54	3.206	65.36	62.73	68.56	81.9	0	13.15
8/5/2021 0:00	0.5	27.27	13.16	1.42	62.65	62.11	62.88	93.9	0	13.07
8/5/2021 1:00	0.9	10.53	15.81	2.565	61.64	60.82	62.14	96.7	0	13
8/5/2021 2:00	0.4	25.27	18.71	2.015	60.19	59.89	60.85	97.4	0	12.94
8/5/2021 3:00	1.1	359.5	24.04	3.847	60.11	58.88	61.49	96.7	0	12.93
8/5/2021 4:00	1.3	39.97	26.59	2.473	59.6	58.48	60.27	96.9	0	12.93
8/5/2021 5:00	0.6	66.01	14.04	2.656	58.62	58.26	58.88	98.6	0	12.92
8/5/2021 6:00	0.4	86.1	10.38	1.282	58.07	57.83	58.49	99	0	12.9
8/5/2021 7:00	0.6	5.219	51.18	2.931	57.03	55.35	58.74	99	0	12.89
8/5/2021 8:00	0.1	142.7	2.986	1.695	63.26	58.79	66.8	90.4	0	13.2
8/5/2021 9:00	0.3	119.2	25.62	1.832	70.19	66.75	73.26	74.54	0	13.72
8/5/2021 10:00	2.9	322.4	30.9	6.916	74.24	73.16	75.18	62.06	0	13.62
8/5/2021 11:00	2.2	7.563	66.63	6.046	77.46	75.17	78.76	55.31	0	13.55
8/5/2021 12:00	2.8	27.91	61.15	7.191	79	78.2	79.8	52.14	0	13.54
8/5/2021 13:00	2.5	15.6	69.8	8.79	80.6	79.76	81.3	48.25	0	13.51
8/5/2021 14:00	2.7	38.6	83.9	7.878	82	80.6	82.9	45.81	0	13.51
8/5/2021 15:00	2.9	41.52	57.81	7.969	83.2	82.3	84.3	43.4	0	13.48
8/5/2021 16:00	2.7	53.77	56.78	6.687	84	83.5	84.7	43.4	0	13.48
8/5/2021 17:00	2.2	42.86	44.83	5.817	84.8	84.4	85.2	42.88	0	13.47
8/5/2021 18:00	1.6	87.9	36.38	4.214	83.1	81.8	85	47.2	0	13.46
8/5/2021 19:00	2.3	127.4	44.46	5.542	83	81.9	84.2	48.36	0	13.48
8/5/2021 20:00	1.5	198.9	40.08	5.404	82.3	81.2	82.9	45.28	0	13.48
8/5/2021 21:00	1.4	77.26	51.71	4.03	78.31	76.46	81.2	54.84	0	13.31
8/5/2021 22:00	0.6	94.7	18.84	2.061	74.66	73.53	76.45	66.85	0	13.2
8/5/2021 23:00	1.1	38.45	31.49	3.985	72.89	71.75	73.71	71.49	0	13.1
8/6/2021 0:00	1.1	72.5	24.55	2.702	70.85	69.13	72.31	77.38	0	13.02
8/6/2021 1:00	0.6	110.1	37.58	3.664	69.89	69	71.09	80.4	0	12.96
8/6/2021 2:00	0.5	142.2	27.55	2.198	70.56	69.6	71.12	78.19	0	12.93
8/6/2021 3:00	0.7	125.6	22.18	2.107	69.33	68.78	69.72	81	0	12.94
8/6/2021 4:00	1.4	111.3	30.99	3.343	68.46	67.43	69.56	83.2	0	12.93
8/6/2021 5:00	0.8	136	22.15	2.244	68.01	66.68	69.04	84.5	0	12.91
8/6/2021 6:00	1.0	77.3	29.35	2.427	66.96	65.52	68.14	87.6	0	12.89
8/6/2021 7:00	1.5	45.63	15.38	2.885	64.97	64.06	66.03	93.6	0	12.88
8/6/2021 8:00	1.0	98.6	28.24	3.527	68.81	65.18	71.43	86.7	0	13.18
8/6/2021 9:00	1.1	218.9	40.44	4.305	74.86	71.42	77.58	71.45	0	13.63
8/6/2021 10:00	2.6	224.5	38.3	8.15	78.89	77.51	79.73	61.68	0	13.57
8/6/2021 11:00	5.3	246	29.68	11.36	80.8	79.54	82.1	55.97	0	13.54
8/6/2021 12:00	4.9	218.3	34.82	12.46	83.4	81.9	84.6	51.65	0	13.51
8/6/2021 13:00	4.8	201	40.47	13.14	85.3	84.2	86.3	48.39	0	13.48
8/6/2021 14:00	4.1	189.8	50.54	10.08	87.1	85.2	88.4	45.35	0	13.46
8/6/2021 15:00	4.6	187.8	43.69	11.4	87.7	87.1	88.5	43.94	0	13.45
8/6/2021 16:00	5.0	201.7	35.98	11.22	87.2	86.2	88	43.17	0	13.45
8/6/2021 17:00	4.6	197.7	42.6	10.44	87	86.4	87.9	45.07	0	13.45
8/6/2021 18:00	4.5	204.5	33.88	10.31	87	86.5	87.3	44.66	0	13.45
8/6/2021 19:00	5.2	201.6	29.27	13.88	85.7	84.5	86.6	44.17	0	13.45
8/6/2021 20:00	3.6	196.1	30.46	9.21	83.6	82.4	84.6	48.27	0	13.46
8/6/2021 21:00	5.3	192.1	27.46	12.6	81.2	80.2	82.4	54.99	0	13.29
8/6/2021 22:00	4.2	188.6	28.52	11.54	79.12	78.03	80.2	55.93	0	13.17

8/6/2021 23:00	3.2	186	27.3	7.74	77.27	76.48	78.03	63.06	0	13.07
8/7/2021 0:00	3.2	183.2	27.88	8.43	75.75	75.12	76.49	67.62	0	13
8/7/2021 1:00	1.7	180.1	26.38	5.679	74.21	73.54	75.15	71.54	0	12.94
8/7/2021 2:00	1.0	168.8	20.68	3.435	72.9	72.04	73.6	76.05	0	12.94
8/7/2021 3:00	1.5	117.6	22.04	2.611	71.49	69.83	72.13	80.2	0	12.95
8/7/2021 4:00	0.9	139.8	27.43	2.336	69.3	68.78	69.93	85.5	0	12.94
8/7/2021 5:00	1.4	99.5	71.71	3.893	68.62	67.36	69.59	86.3	0	12.91
8/7/2021 6:00	1.5	90	43.69	5.496	67.87	66.9	68.63	90	0	12.89
8/7/2021 7:00	0.6	107.3	27.33	2.473	66.58	65.88	67.37	94.2	0	12.88
8/7/2021 8:00	0.7	99.1	25.13	2.29	68.44	66.73	70.16	91.8	0	13.22
8/7/2021 9:00	0.9	15.69	34.38	2.748	72.7	70.17	74.62	83.7	0	13.66
8/7/2021 10:00	0.9	76.61	52.23	3.298	75.89	74.55	76.6	77.38	0	13.6
8/7/2021 11:00	1.1	120.6	50.73	3.71	77.51	75.72	78.24	72.06	0	13.57
8/7/2021 12:00	2.4	144	32.14	7.74	76.85	75.85	77.66	71.43	0	13.57
8/7/2021 13:00	2.4	161.5	31.15	7.511	75.45	75.2	75.89	76.41	0	13.57
8/7/2021 14:00	3.6	196.8	29.9	8.61	74.52	74.22	75.21	82.5	0	13.58
8/7/2021 15:00	4.8	181.9	37.21	11.95	74.31	73.36	74.82	76.03	0	13.57
8/7/2021 16:00	4.9	125.3	24.52	11.91	73.14	72.66	73.58	66.28	0	13.57
8/7/2021 17:00	4.7	139.4	26.65	11.04	73.18	72.77	73.49	70.53	0	13.57
8/7/2021 18:00	4.5	125.4	24.1	9.85	72.41	71.38	73.41	72.11	0	13.58
8/7/2021 19:00	2.7	132.2	31.41	7.832	71.18	71.04	71.38	80.1	0	13.58
8/7/2021 20:00	1.2	166.9	27.69	4.488	71.02	70.92	71.18	81.2	0	13.5
8/7/2021 21:00	1.2	47.36	30.99	2.565	70.21	69.39	71.07	85.8	0	13.36
8/7/2021 22:00	1.1	17.51	28.43	3.069	68.92	68.65	69.4	89.7	0	13.25
8/7/2021 23:00	1.1	5.209	37.92	3.435	68.16	67.83	68.68	91.3	0	13.15
8/8/2021 0:00	0.7	41.17	30.27	2.244	67.31	66.6	67.87	92.8	0	13.07
8/8/2021 1:00	1.7	348.6	22.59	3.572	66.01	65.15	66.64	94.8	0	12.99
8/8/2021 2:00	1.3	26.67	17.71	2.748	65.44	64.85	66.25	95.1	0	12.94
8/8/2021 3:00	1.1	52.06	34.88	2.656	64.43	63.57	65.12	97.2	0	12.94
8/8/2021 4:00	1.9	357	23.51	4.076	63.6	62.77	64.53	98	0	12.94
8/8/2021 5:00	2.0	6.062	26.44	4.809	63.96	63.32	64.67	95.8	0	12.93
8/8/2021 6:00	1.5	37.12	25.34	2.931	63.18	62.75	63.58	96.6	0	12.92
8/8/2021 7:00	0.4	30.96	8.73	2.519	62.33	61.69	63.06	97.9	0	12.91
8/8/2021 8:00	2.7	334.7	15.23	7.053	65.19	63.07	66.93	93.7	0	13.21
8/8/2021 9:00	4.3	328.6	14.51	8.29	68.85	66.82	70.91	84.8	0	13.69
8/8/2021 10:00	5.3	328.4	19.04	9.8	72.69	70.91	74.79	75.77	0	13.63
8/8/2021 11:00	3.0	329.3	40.38	10.12	76.74	74.81	78.28	65.72	0	13.57
8/8/2021 12:00	3.5	335.1	42.2	10.67	79.31	77.66	81.3	59.57	0	13.52
8/8/2021 13:00	3.3	347	46.89	8.84	82.3	81.1	83.2	51.39	0	13.51
8/8/2021 14:00	3.1	27.89	50.78	10.03	84.2	83	85.3	49.96	0	13.49
8/8/2021 15:00	3.3	64.12	49.49	8.61	85.7	84.7	86.6	48.28	0	13.48
8/8/2021 16:00	2.4	16.95	62.1	6.962	86.7	85.4	88	46.52	0	13.46
8/8/2021 17:00	1.9	17.9	55.73	6.458	87.6	87	88.5	46.42	0	13.43
8/8/2021 18:00	2.3	81.9	54.6	6	87.4	86.8	88.1	47.15	0	13.43
8/8/2021 19:00	1.9	106.6	28	4.58	86.1	84.7	87.5	47.76	0	13.43
8/8/2021 20:00	2.2	107	37.23	7.374	82.6	80.7	84.7	56.09	0	13.43
8/8/2021 21:00	3.0	142.5	20.26	6.641	79.35	77.96	80.7	68.59	0	13.26
8/8/2021 22:00	2.5	137.3	17.79	4.901	77.13	76.18	77.98	72.13	0	13.14

8/8/2021 23:00	1.9	142.1	18.55	5.954	75.61	75.24	76.21	76.44	0	13.05
8/9/2021 0:00	2.0	148.4	23.21	5.175	74.94	74.22	75.27	81.5	0	12.98
8/9/2021 1:00	1.7	167.2	28.49	5.542	74.25	74.14	74.43	85	0	12.94
8/9/2021 2:00	1.7	168.7	29.02	4.58	73.81	73.26	74.43	87.1	0	12.94
8/9/2021 3:00	1.0	203.4	24.23	3.023	72.94	72.6	73.33	90.9	0	12.95
8/9/2021 4:00	1.0	148.8	34.92	3.16	72.14	71.52	72.75	93.9	0	12.93
8/9/2021 5:00	1.6	61.27	28.54	3.206	70.48	69.3	71.52	96.7	0	12.91
8/9/2021 6:00	1.6	43.12	17.56	2.84	68.9	68.4	69.67	98.3	0	12.89
8/9/2021 7:00	0.9	35.2	30.21	2.198	68.64	68.47	68.9	98.8	0	12.88
8/9/2021 8:00	0.6	61.89	17.05	2.794	70.02	68.87	71.21	98.3	0	13.07
8/9/2021 9:00	0.9	74.84	39.66	5.817	73.2	71.18	76.06	92.5	0	13.65
8/9/2021 10:00	1.7	138.1	79.51	5.817	77.82	75.86	79.93	80.2	0	13.57
8/9/2021 11:00	2.2	202.2	74.13	6.275	81.5	79.67	83.8	72.67	0	13.51
8/9/2021 12:00	2.9	117.4	47.33	6.275	84	82.9	85.5	67.62	0	13.48
8/9/2021 13:00	2.7	194.5	59.46	10.67	85.9	84.8	87.4	63.2	0	13.46
8/9/2021 14:00	3.5	198.6	54.9	9.66	86.8	85.8	87.7	59.6	0	13.45
8/9/2021 15:00	4.0	185.2	47.37	11.59	88.3	86.7	89.9	56.43	0	13.43
8/9/2021 16:00	4.3	181	37.51	9.8	88.3	87.5	90	55.79	0	13.4
8/9/2021 17:00	4.7	199	30.43	13.65	84.4	80	88.7	64.82	0	13.4
8/9/2021 18:00	3.4	115	58.67	10.81	76.83	75.67	80.5	83.2	0.06	13.5
8/9/2021 19:00	3.9	121.8	30.93	14.06	74	72.97	75.74	91.2	0.14	13.54
8/9/2021 20:00	4.7	125.1	17.34	11.45	72.94	72.65	73.41	94.5	0.01	13.57
8/9/2021 21:00	3.3	130.6	22.75	9.11	72.2	71.73	73.16	93.7	0	13.38
8/9/2021 22:00	2.0	150.3	36.55	6.733	72.07	71.87	72.23	94.1	0	13.25
8/9/2021 23:00	0.8	89.7	18.75	3.343	71.44	71.1	71.87	95.6	0	13.15
8/10/2021 0:00	1.1	109.4	21.67	3.572	70.95	70.67	71.28	97.3	0	13.07
8/10/2021 1:00	1.3	133.7	17.4	3.893	71.43	70.94	72.17	97.5	0	12.99
8/10/2021 2:00	1.3	128	20.8	3.527	72.05	71.8	72.32	98.1	0	12.94
8/10/2021 3:00	0.8	146.5	33.99	4.534	72.51	71.75	73.37	98.5	0	12.93
8/10/2021 4:00	1.2	130.1	15.45	2.84	73.53	73.36	73.68	97	0	12.94
8/10/2021 5:00	0.5	142.6	13.63	3.114	73.49	73.28	73.69	96.8	0	12.94
8/10/2021 6:00	0.4	114	5.427	1.786	72.91	72.24	73.7	97.4	0	12.93
8/10/2021 7:00	0.5	107.5	21.65	2.656	72.51	72.1	73.02	98.2	0	12.92
8/10/2021 8:00	1.1	174.8	46.1	4.58	73.64	72.74	74.86	96.6	0	13.15
8/10/2021 9:00	2.2	197.1	34.06	7.053	76	74.85	77.92	90.9	0	13.63
8/10/2021 10:00	3.2	242.3	35.6	7.649	79.51	77.8	81.2	82.2	0	13.54
8/10/2021 11:00	2.8	242.5	51.07	7.374	83	81	85.5	75.05	0	13.49
8/10/2021 12:00	2.7	197.5	50.75	7.969	85.8	84.4	87.7	69.32	0	13.46
8/10/2021 13:00	3.2	207.3	39.17	8.38	88.3	87.2	89.5	62.09	0	13.4
8/10/2021 14:00	3.4	219.3	48.39	9.66	90.4	89.2	91.6	55.81	0	13.38
8/10/2021 15:00	4.8	185.8	41.92	11.54	91.6	90.7	92.6	52.68	0	13.37
8/10/2021 16:00	4.7	203.4	35.78	11.08	92.1	91	92.8	52.13	0	13.37
8/10/2021 17:00	4.3	194.3	36.73	12.09	91	89.6	93	52.23	0	13.37
8/10/2021 18:00	5.8	306.1	74.59	22.08	78.89	73.98	89.6	80.8	0.29	13.33
8/10/2021 19:00	4.4	238.4	71.16	12.18	74.5	72.94	76.23	91.6	0.36	13.34
8/10/2021 20:00	1.9	196.5	66.12	6.275	73.61	73.01	74.06	94.9	0.01	13.25
8/10/2021 21:00	1.6	140.3	39.27	4.992	73.15	72.63	73.95	96	0.02	13.14
8/10/2021 22:00	1.3	61.65	68.18	3.939	72.32	71.81	72.73	97.9	0	13.05



8/10/2021 23:00	1.0	69.22	47.4	3.481	71.79	71.56	72.12	98.9	0	12.98
8/11/2021 0:00	0.5	8.7	32.32	2.84	71.24	70.81	71.67	99.2	0	12.94
8/11/2021 1:00	1.0	172.2	33.83	3.572	71.6	70.93	72.33	99.6	0	12.94
8/11/2021 2:00	1.7	215.2	26.17	6.275	72.8	72.29	73.18	95.2	0	12.94
8/11/2021 3:00	1.9	248.2	25.14	4.809	72.58	72.04	73.02	90.8	0	12.94
8/11/2021 4:00	2.1	240.9	20.24	4.809	72.12	71.68	72.49	91.3	0	12.92
8/11/2021 5:00	0.7	259.1	64.73	2.748	71.02	70.23	71.73	94.5	0	12.9
8/11/2021 6:00	1.1	146.6	22.89	2.611	70.27	69.95	70.52	97.2	0	12.89
8/11/2021 7:00	0.4	178.4	20.85	3.343	70.35	70.09	71.54	97.6	0	12.88
8/11/2021 8:00	0.8	205	43.89	5.633	73.45	71.54	74.75	92.2	0	13.1
8/11/2021 9:00	2.2	248	38.17	6.458	75.78	74.11	77.96	87.6	0	13.6
8/11/2021 10:00	1.6	255.6	43.66	4.168	79.88	77.98	81.9	80.1	0	13.54
8/11/2021 11:00	1.8	202	68.86	5.542	84.5	82	86.3	72.01	0	13.49
8/11/2021 12:00	2.9	216.2	54.08	6.916	87.9	86.2	89.4	64.2	0	13.44
8/11/2021 13:00	3.9	250.9	45.44	8.89	90	89.3	91	59.74	0	13.43
8/11/2021 14:00	3.9	263.5	44.74	12.05	91.6	90.6	92.9	56.84	0	13.4
8/11/2021 15:00	3.3	233.3	64.01	8.79	93.1	92.2	94.2	53.46	0	13.37
8/11/2021 16:00	3.1	191.2	50	10.12	93.9	92.7	95.3	50.96	0	13.35
8/11/2021 17:00	5.0	234.3	67.98	22.85	88.1	77.4	94	61.73	0.17	13.31
8/11/2021 18:00	3.3	152.4	90.3	11.77	75.37	74.49	77.39	91.7	0.01	13.28
8/11/2021 19:00	2.0	293.1	63.91	5.542	76.26	75.11	77.31	91.7	0.01	13.3
8/11/2021 20:00	1.5	115.5	30.97	3.343	74.99	74.63	75.68	97	0	13.34
8/11/2021 21:00	1.7	251.6	76.2	4.855	74.82	74.55	75.15	97.7	0.01	13.21
8/11/2021 22:00	1.1	19.4	39.26	3.023	74.36	73.98	74.97	96.8	0	13.11
8/11/2021 23:00	1.3	4.291	56.95	4.488	74.02	73.73	74.18	98.4	0.01	13.03
8/12/2021 0:00	1.4	163.5	43	4.168	73.4	73.02	73.83	97.8	0.01	12.98
8/12/2021 1:00	2.2	184.7	44.44	6.366	73.58	73.34	73.86	97.4	0	12.96
8/12/2021 2:00	2.1	191.6	44.59	7.832	73.31	73.08	73.87	95.9	0	12.96
8/12/2021 3:00	2.3	269.9	57.84	8.43	72.75	72.15	73.14	94.3	0	12.95
8/12/2021 4:00	1.9	289.5	30.29	5.588	72.33	72.14	72.48	95.7	0	12.94
8/12/2021 5:00	0.5	340.3	63.98	2.794	72.03	71.6	72.3	96.8	0	12.92
8/12/2021 6:00	1.3	282.2	29.29	3.343	71.66	71.17	72.05	94.9	0	12.91
8/12/2021 7:00	0.7	64.38	33.34	2.473	70.64	69.96	71.27	97	0	12.9
8/12/2021 8:00	1.3	228.7	47.95	4.626	73.08	70.93	75.09	92.4	0	13.1
8/12/2021 9:00	1.2	221.8	67.89	3.618	77.79	75.09	80.5	82.2	0	13.6
8/12/2021 10:00	0.9	152.6	50.57	3.527	83	80.5	85.2	74.89	0	13.52
8/12/2021 11:00	1.9	188.8	65.53	7.374	86.1	84.6	88.2	69.46	0	13.47
8/12/2021 12:00	3.9	273.6	28.72	10.03	88.6	87.6	89.4	60.51	0	13.46
8/12/2021 13:00	4.3	280	34.1	10.49	90.4	89.4	91.4	59	0	13.4
8/12/2021 14:00	3.8	263.2	46.1	10.95	92.3	91.1	93.1	53.28	0	13.39
8/12/2021 15:00	4.5	229.3	46.39	11.77	93.6	92.6	94.2	49.42	0	13.37
8/12/2021 16:00	4.0	210	47.26	12.5	94.1	93.6	94.6	48.84	0	13.37
8/12/2021 17:00	3.5	187	37.86	9.07	94.5	93.5	95.2	50.64	0	13.35
8/12/2021 18:00	5.2	190.2	31.68	11.63	93.9	92.8	94.9	52.1	0	13.35
8/12/2021 19:00	5.7	197.9	30.67	12.92	92.3	91.4	93.1	54.42	0	13.35
8/12/2021 20:00	4.6	199.8	29.08	11.27	90.3	89	91.5	57.74	0	13.37
8/12/2021 21:00	2.7	192.5	27.04	8.89	87.9	86.9	89	63.91	0	13.19
8/12/2021 22:00	2.1	198.1	23.82	5.359	86.2	85.4	86.9	67.6	0	13.08

8/12/2021 23:00	3.1	209.2	20.86	7.42	85	84.8	85.4	70.82	0	13.01
8/13/2021 0:00	2.3	242.8	29.88	6.824	84.4	84	85	72.99	0	12.98
8/13/2021 1:00	2.7	275.7	70.66	11.95	83.2	82.3	84.2	77.49	0	12.97
8/13/2021 2:00	1.3	354.1	40.32	3.847	81.2	79.48	82.4	81.7	0	12.96
8/13/2021 3:00	1.8	47.05	74.06	5.267	80.1	78.64	81.3	79.69	0	12.95
8/13/2021 4:00	1.4	356	38.29	3.252	78.07	76.77	78.68	83	0	12.94
8/13/2021 5:00	1.2	43.2	45.76	3.618	76.29	74.77	77.29	88.8	0	12.92
8/13/2021 6:00	2.0	15.63	33.96	4.076	75.33	74.01	76.51	91.6	0	12.91
8/13/2021 7:00	1.0	32.97	37.11	3.206	74.56	74	75.23	92.8	0	12.9
8/13/2021 8:00	0.3	62.21	20.55	2.015	77.57	74.69	81.8	85.3	0	13.09
8/13/2021 9:00	2.6	328.6	14.58	6.137	81.4	79.89	83.3	69.1	0	13.54
8/13/2021 10:00	2.3	345.6	35.36	5.038	85.1	83.3	87.2	59.94	0	13.49
8/13/2021 11:00	2.0	356.3	62.53	5.725	88	85.9	90.2	57.31	0	13.43
8/13/2021 12:00	2.8	298.8	46.28	7.282	90.6	89.7	92.2	56.27	0	13.4
8/13/2021 13:00	3.4	326.2	48.3	9.62	92	90.7	93.1	55.7	0	13.38
8/13/2021 14:00	2.1	312.4	60.17	8.34	92.5	91.6	93.7	53.19	0	13.37
8/13/2021 15:00	2.4	121.5	46.69	7.878	92.6	91.5	94.5	54.9	0	13.37
8/13/2021 16:00	3.8	205.4	47.76	10.31	93.5	91.6	95.4	48.69	0	13.37
8/13/2021 17:00	11.0	287.9	28.76	24.14	81	73.96	91.6	71.59	0.06	13.36
8/13/2021 18:00	3.5	82.9	94.7	15.66	73.27	72.15	74.48	89.8	0.11	13.31
8/13/2021 19:00	2.5	86.4	89.4	6.733	72.89	72.19	74.12	95	0	13.22
8/13/2021 20:00	1.4	144.5	32.13	4.626	73.31	72.65	74.12	94.9	0.01	13.12
8/13/2021 21:00	2.5	187.1	39.18	9.25	74	73.31	74.51	93.7	0	13.05
8/13/2021 22:00	2.0	214.7	34.55	7.191	73.73	73.45	73.99	93.8	0	13.01
8/13/2021 23:00	2.0	280.3	39.6	5.817	72.98	72.47	73.48	96.1	0	12.98
8/14/2021 0:00	1.7	319.7	30.37	5.221	72.94	72.63	73.18	97.1	0	12.97
8/14/2021 1:00	1.5	292.5	33.73	3.572	72.85	72.59	73.11	96.7	0	12.96
8/14/2021 2:00	1.7	267.2	36.93	3.847	73.08	72.93	73.19	94.8	0	12.94
8/14/2021 3:00	1.8	256.1	29.45	3.939	72.62	72.11	73.09	95.1	0	12.93
8/14/2021 4:00	1.8	215.6	59.43	4.259	72.07	71.42	72.39	95.3	0	12.91
8/14/2021 5:00	0.6	162.1	65.83	3.114	71.44	71.21	71.71	97.1	0	12.9
8/14/2021 6:00	1.0	35.52	71.34	2.885	71.38	71.14	71.76	97.3	0	12.89
8/14/2021 7:00	0.6	46.67	31.05	1.969	71.05	70.84	71.35	97.7	0	12.89
8/14/2021 8:00	0.6	53.19	28.23	2.015	73.67	71.32	76.82	94.1	0	13.1
8/14/2021 9:00	0.5	112.7	69.62	2.702	79.15	76.61	81.9	81.3	0	13.57
8/14/2021 10:00	2.6	336.5	23.54	6.595	81.3	80.4	83.1	74.33	0	13.52
8/14/2021 11:00	2.9	311.7	23.88	6.32	82	80.5	83.3	70.32	0	13.51
8/14/2021 12:00	3.9	301.3	25.06	9.71	82.4	82.1	82.9	69.28	0	13.51
8/14/2021 13:00	6.6	317.4	20.17	15.43	84.7	82.5	85.9	62.82	0	13.49
8/14/2021 14:00	4.4	344.7	36.81	10.72	85.9	85.3	86.8	62.5	0	13.46
8/14/2021 15:00	4.0	345.2	32.14	10.44	85.3	84.5	86.4	62.21	0	13.46
8/14/2021 16:00	4.3	332.3	23.96	10.85	85.5	84.7	86.4	60.55	0	13.45
8/14/2021 17:00	2.8	350.7	41.62	8.7	86.8	85.4	88.1	60.78	0	13.43
8/14/2021 18:00	1.6	21.68	37.57	6.137	85.4	84	87.2	65.32	0	13.43
8/14/2021 19:00	1.7	23.94	35.44	4.992	85.6	83.9	86.6	64.1	0	13.45
8/14/2021 20:00	0.9	70.92	35.41	2.519	82.6	80.8	83.9	71.74	0	13.41
8/14/2021 21:00	1.0	38.85	22.19	2.244	80.2	79.31	80.8	79.5	0	13.24
8/14/2021 22:00	1.3	33.4	17.64	2.84	79.04	77.96	79.65	84.9	0	13.14

8/14/2021 23:00	1.9	16.78	19.16	5.771	78.04	77.31	79.04	86	0	13.06
8/15/2021 0:00	2.8	17.29	36.18	8.56	77.26	76.2	77.86	82.6	0	13.01
8/15/2021 1:00	2.5	47.24	36.05	10.81	75.35	74.88	76.23	81.3	0	12.99
8/15/2021 2:00	2.8	143.1	47.65	11.68	73.12	70.94	75.06	90.7	0.46	12.99
8/15/2021 3:00	1.6	14.21	56.59	3.985	71.24	70.87	71.74	98.4	0	12.98
8/15/2021 4:00	2.4	358	35.34	6.32	71.28	70.29	71.74	94.4	0.01	12.96
8/15/2021 5:00	1.8	37.06	34.79	5.679	68.85	67.7	70.29	93.3	0.04	12.95
8/15/2021 6:00	1.7	15.33	32.06	5.084	67.03	66.68	67.74	94.3	0	12.94
8/15/2021 7:00	0.8	7.947	26.07	3.069	66.25	65.86	66.71	94.7	0	12.93
8/15/2021 8:00	1.1	27.32	37.46	3.985	66.86	66.18	67.38	92.3	0	13.01
8/15/2021 9:00	2.0	44.52	40.31	7.145	69.02	67.36	72.05	84.8	0	13.68
8/15/2021 10:00	3.1	81.9	32.19	9.07	72.25	71.08	74.25	72.04	0	13.63
8/15/2021 11:00	4.2	96.4	28.01	9.39	75.24	73.95	76.3	60.6	0	13.57
8/15/2021 12:00	4.8	94.5	29.4	12.96	76.94	76.12	77.71	55.48	0	13.55
8/15/2021 13:00	4.2	101	35.67	12.23	77.87	77.11	78.79	54.42	0	13.52
8/15/2021 14:00	3.6	74.5	41.57	8.89	79.76	77.91	81.3	51.53	0	13.51
8/15/2021 15:00	3.3	78.2	44.96	8.11	80.5	79.53	81.8	49.16	0	13.49
8/15/2021 16:00	2.2	107.4	40.72	7.007	80.7	79.75	82	50.37	0	13.49
8/15/2021 17:00	2.6	102.7	34.86	8.56	80.7	79.78	82.4	52	0	13.48
8/15/2021 18:00	2.2	5.166	30.87	5.817	78.79	77.78	79.84	58.78	0	13.49
8/15/2021 19:00	1.2	22.35	28.97	4.076	77.28	76.7	78.87	63.52	0	13.49
8/15/2021 20:00	0.9	22.05	15.12	2.244	76.09	74.35	77.42	68.35	0	13.45
8/15/2021 21:00	0.4	34.27	15.53	2.061	73.31	72.88	74.47	80.5	0	13.3
8/15/2021 22:00	0.2	49.52	26.37	1.557	73.05	72.81	73.27	84.8	0	13.19
8/15/2021 23:00	1.3	74.61	41.1	2.656	73.64	72.22	74.57	76.35	0	13.1
8/16/2021 0:00	0.7	11.73	28.1	3.756	71.83	71.29	72.28	89.4	0	13.03
8/16/2021 1:00	1.3	58.32	28.83	3.985	71.67	71.32	71.89	87.3	0	12.99
8/16/2021 2:00	0.7	97.5	19.34	3.252	72.2	71.81	72.66	83.3	0	12.98
8/16/2021 3:00	1.0	49.84	25.21	3.16	71.84	70.55	72.83	84.8	0	12.98
8/16/2021 4:00	2.4	93.7	24.2	6.595	71.66	70.61	72.39	84.2	0	12.97
8/16/2021 5:00	1.6	108.1	17.82	3.985	71.84	71.66	72.18	86	0	12.95
8/16/2021 6:00	2.0	94.6	27.22	4.168	71.52	71.25	71.72	90.5	0	12.94
8/16/2021 7:00	1.8	99.7	16.08	4.168	71.25	71.19	71.45	92.9	0	12.93
8/16/2021 8:00	2.0	97.4	26.05	5.084	71.64	71.45	71.88	91.4	0	12.95
8/16/2021 9:00	2.4	125	19.27	5.908	72.65	71.84	74.34	85.6	0	13.24
8/16/2021 10:00	2.3	136.5	23.67	5.908	74.55	73.95	75.31	82.2	0.02	13.63
8/16/2021 11:00	2.8	152.1	29.31	7.969	75.95	75.27	76.34	77.35	0	13.6
8/16/2021 12:00	3.7	164.4	30.36	9.89	74.66	72.81	76.31	83.6	0.02	13.6
8/16/2021 13:00	3.0	136.7	29.51	8.02	73.97	73.04	75.76	93.4	0.02	13.58
8/16/2021 14:00	3.5	138.1	35.81	9.8	76.25	75.53	77.25	86.1	0	13.55
8/16/2021 15:00	3.6	118.6	25.14	9.07	77.17	75.93	79.12	84.2	0	13.55
8/16/2021 16:00	3.5	124.5	40.18	7.557	79.67	78.22	80.8	78.18	0	13.52
8/16/2021 17:00	3.9	116.9	27.9	11.13	80.6	79.62	82	76.62	0	13.51
8/16/2021 18:00	3.7	140.9	27.86	7.878	78.33	74.71	81.4	83.6	0.05	13.51
8/16/2021 19:00	2.7	131.4	24.55	8.24	75.2	74.69	75.68	95.9	0.01	13.54
8/16/2021 20:00	2.9	160.1	25.19	7.786	74.48	73.85	75.56	95.5	0.04	13.45
8/16/2021 21:00	1.8	152.1	24.47	4.351	73.59	73.37	73.85	97.3	0.06	13.31
8/16/2021 22:00	1.5	137.4	18.94	3.939	73.29	73.21	73.4	98.6	0.01	13.2

8/16/2021 23:00	2.6	126.6	17.23	5.679	73.5	73.3	73.75	99.1	0.01	13.11
8/17/2021 0:00	2.8	131.1	22.24	8.2	73.66	73.54	73.76	98.9	0.03	13.03
8/17/2021 1:00	3.3	133	23.26	9.39	73.34	73.14	73.63	98.7	0.01	12.99
8/17/2021 2:00	3.2	137.4	18.96	6.733	73.7	73.29	74.02	98.6	0	12.98
8/17/2021 3:00	3.8	165.7	32.06	11.04	72.97	71.19	73.99	97.5	0.07	12.97
8/17/2021 4:00	2.1	133.7	25.74	7.557	70.41	69.89	71.2	98.1	0.02	12.97
8/17/2021 5:00	1.5	132.5	15.48	5.542	69.84	69.72	69.97	99.1	0	12.95
8/17/2021 6:00	0.7	115.2	18.88	2.931	70.08	69.85	70.48	99.4	0	12.94
8/17/2021 7:00	1.3	119.9	16.6	3.252	70.75	70.45	71.06	99.6	0	12.92
8/17/2021 8:00	1.7	133.3	18.24	3.16	71.39	71.03	71.96	99.6	0	12.93
8/17/2021 9:00	1.4	130.3	25.14	4.351	72.8	71.89	73.68	98.7	0	13.43
8/17/2021 10:00	2.2	185.5	52.25	6.046	74.86	73.62	76.02	96.6	0	13.6
8/17/2021 11:00	2.8	205.8	36.12	6.824	77.73	76.02	79.88	89.7	0	13.57
8/17/2021 12:00	2.2	201.6	40.34	7.007	80.5	79.68	81.8	83.1	0	13.53
8/17/2021 13:00	3.3	207.5	32.53	8.89	81.6	81	82.3	79.69	0	13.51
8/17/2021 14:00	3.9	203.3	38.39	10.67	82.8	82.1	83.9	76.18	0	13.49
8/17/2021 15:00	3.8	196.9	37.04	9.11	83.8	82.9	85	72.25	0	13.49
8/17/2021 16:00	2.9	204.5	44.21	9.48	83.9	83.1	85.4	71.31	0	13.49
8/17/2021 17:00	3.3	210	37.46	11.4	85.4	84.6	86.4	65.87	0	13.48
8/17/2021 18:00	3.5	188.8	35.1	11.86	85.1	83.9	86.4	62.57	0	13.46
8/17/2021 19:00	2.4	176.2	30.5	6.687	83.1	82.6	83.9	68.57	0	13.46
8/17/2021 20:00	1.1	175.8	53.41	4.305	80	76.48	82.6	80.7	0.01	13.42
8/17/2021 21:00	2.5	96.4	21.4	5.038	76.98	76.12	77.43	93.1	0	13.26
8/17/2021 22:00	3.0	120.6	12.93	6.504	77.49	77.36	77.69	94	0	13.15
8/17/2021 23:00	2.0	142.1	21.46	6.32	77.47	77.31	77.73	93	0	13.06
8/18/2021 0:00	2.6	153.8	24.44	7.649	77.66	77.32	77.98	92.2	0	13
8/18/2021 1:00	2.8	153.9	23.8	7.74	77.51	77.26	77.79	93.8	0	12.97
8/18/2021 2:00	3.2	136	17.69	9.8	76.98	76.81	77.3	94.8	0	12.97
8/18/2021 3:00	3.5	168.7	44.85	7.969	76.43	75.28	77.02	96.5	0.23	12.97
8/18/2021 4:00	3.3	163.7	36.2	9.11	75.58	75.28	75.74	97.4	0.05	12.96
8/18/2021 5:00	2.9	149.5	23.96	7.969	75.77	75.57	76.21	98.4	0.11	12.94
8/18/2021 6:00	3.1	149.4	23.18	8.29	76.37	76.17	76.49	98.3	0	12.93
8/18/2021 7:00	3.4	146.2	23.36	8.47	76.42	76.32	76.52	98	0	12.92
8/18/2021 8:00	3.9	144.9	21.38	9.25	76.66	76.41	77.01	97.5	0	13
8/18/2021 9:00	5.2	145.7	24.03	11.59	77.63	76.97	78.4	94.4	0.01	13.55
8/18/2021 10:00	5.1	153.7	30.9	13.69	79.36	78.4	80.8	88.1	0	13.56
8/18/2021 11:00	5.7	164	30.26	12.73	80.9	80.1	81.3	81.7	0	13.54
8/18/2021 12:00	6.9	165	30.13	16.76	82	81.3	82.9	77.36	0	13.54
8/18/2021 13:00	6.3	163.9	30.91	16.17	82	81.2	82.9	77.67	0	13.54
8/18/2021 14:00	5.9	168.9	32.93	17.59	81.2	80.2	83.4	83	0	13.54
8/18/2021 15:00	6.9	190.7	34.06	16.81	84	83.3	85.6	76.62	0	13.51
8/18/2021 16:00	8.0	188.9	32.37	22.53	85.6	84.4	86.4	71.13	0	13.49
8/18/2021 17:00	8.6	187.1	30.5	20.84	86.1	85.3	87.2	69.02	0	13.48
8/18/2021 18:00	7.6	190.7	28.69	18.05	85	84.5	85.7	72.55	0	13.49
8/18/2021 19:00	6.0	195.4	30.09	16.85	84.8	84.3	85.9	74.53	0	13.48
8/18/2021 20:00	5.5	202.8	28.8	14.56	84.3	83.7	84.9	72.79	0	13.41
8/18/2021 21:00	4.5	206.9	27.95	13.6	83.3	82.9	83.8	71.95	0	13.24
8/18/2021 22:00	4.7	204.9	26.6	12.27	82.6	81.9	83	74.1	0	13.13

8/18/2021 23:00	4.6	231.5	25.96	10.95	81.1	80	81.9	78.75	0	13.05
8/19/2021 0:00	2.8	245	20.81	6.87	79.23	78.68	80	84.1	0	12.99
8/19/2021 1:00	3.3	251.4	23.57	8.93	78.13	77.6	78.7	84.5	0	12.98
8/19/2021 2:00	2.9	269.5	24.46	7.557	76.87	76.18	77.77	80.7	0	12.98
8/19/2021 3:00	2.2	244.6	22.21	4.534	76.34	75.75	76.72	79.23	0	12.97
8/19/2021 4:00	2.0	244.6	23.13	3.847	75.68	75.36	75.9	80.9	0	12.96
8/19/2021 5:00	2.4	266.7	18.32	4.259	74.67	73.86	75.39	84.5	0	12.94
8/19/2021 6:00	2.7	272	24.89	5.404	74.37	73.32	75.22	84.9	0	12.93
8/19/2021 7:00	2.3	288.8	17.25	5.175	73.88	73.25	74.21	84.2	0	12.92
8/19/2021 8:00	2.7	274.4	27.7	7.145	75.27	73.29	76.47	81.5	0	13.01
8/19/2021 9:00	5.7	282.1	21.32	12.69	78.49	76.39	79.86	74.7	0	13.59
8/19/2021 10:00	7.7	294.6	20.31	13.88	80.5	79.86	81.2	69.27	0	13.54
8/19/2021 11:00	7.7	305.9	21.67	14.29	81.7	80.7	82.8	67.03	0	13.54
8/19/2021 12:00	7.0	299.6	21.83	12.46	83.4	82.7	84.3	64.98	0	13.51
8/19/2021 13:00	6.4	291.3	26.57	13.74	85.1	84	86.1	62.09	0	13.49
8/19/2021 14:00	6.9	303.8	25.07	13.83	85.8	84.4	86.4	60.32	0	13.48
8/19/2021 15:00	6.7	319.1	17.68	12.64	85.3	84.4	86.2	60.22	0	13.48
8/19/2021 16:00	5.1	315	21.7	9.89	86.1	85	87	59.99	0	13.46
8/19/2021 17:00	4.3	313.4	39.63	10.99	87.6	86.4	88.5	55.69	0	13.46
8/19/2021 18:00	3.5	334.9	24.97	7.832	86.4	84.4	88	58.55	0	13.43
8/19/2021 19:00	2.7	337.5	16	6.641	84.2	82.9	85.1	62.6	0	13.46
8/19/2021 20:00	1.3	308	33.38	4.122	81.9	80.6	83.1	68.84	0	13.32
8/19/2021 21:00	1.7	270.3	44.74	5.725	79.16	78.06	80.9	80.7	0	13.19
8/19/2021 22:00	2.8	255.8	20.72	7.74	76.62	76.19	78.11	91.1	0	13.09
8/19/2021 23:00	2.3	260.3	23.83	6.275	76.14	75.97	76.43	91.4	0	13.02
8/20/2021 0:00	1.5	296.7	40.9	6.733	76.13	75.97	76.3	89.7	0	12.97
8/20/2021 1:00	1.0	305.9	25.94	3.435	75.96	75.79	76.2	90.1	0	12.97
8/20/2021 2:00	2.1	327.3	12.83	4.626	75.72	75.02	76.18	90.4	0	12.97
8/20/2021 3:00	2.5	336.5	14.41	5.862	74.74	74.45	75.05	93.9	0.01	12.96
8/20/2021 4:00	2.1	338.1	18.32	5.038	73.87	73.53	74.45	95.5	0.01	12.95
8/20/2021 5:00	0.2	335.3	9.75	1.695	73.26	72.98	73.53	96.6	0.04	12.94
8/20/2021 6:00	1.2	334.2	18.78	3.252	72.75	72.65	73	98.3	0.01	12.92
8/20/2021 7:00	1.2	348.5	21.94	3.71	72.7	72.59	72.85	98.4	0.05	12.91
8/20/2021 8:00	1.8	6.318	31.92	5.725	72.47	72.23	72.66	98.5	0.08	12.9
8/20/2021 9:00	1.7	12.56	35.43	5.45	72.07	71.95	72.25	98.7	0.1	12.91
8/20/2021 10:00	2.1	87.8	31.54	5.404	71.9	71.62	72.11	98.6	0.09	13
8/20/2021 11:00	1.6	83.4	33.96	5.542	71.85	71.57	72.17	96.3	0.07	13.66
8/20/2021 12:00	2.0	72.05	29.48	4.946	72.53	71.9	73.72	93.7	0.06	13.65
8/20/2021 13:00	2.0	56.72	48.03	6.595	75.46	73.69	76.86	85.2	0.05	13.57
8/20/2021 14:00	3.0	84.5	39.4	7.649	77.71	76.44	79.48	77.41	0.04	13.52
8/20/2021 15:00	3.2	116.3	36.84	7.42	78.64	77.74	80.1	72.66	0.03	13.52
8/20/2021 16:00	2.5	79.87	40.23	6.962	80.4	78.71	82.3	68.16	0.03	13.49
8/20/2021 17:00	2.3	104	28.18	6.412	80.3	79.91	81.8	67.53	0.02	13.49
8/20/2021 18:00	1.8	113.3	67.76	5.542	81.8	80.3	83.1	64.47	0.01	13.49
8/20/2021 19:00	1.1	346.5	46.54	4.214	82	79.5	83.4	64.7	0.01	13.49
8/20/2021 20:00	0.9	56.31	38.43	2.244	77.11	75.78	79.49	75.86	0.01	13.42
8/20/2021 21:00	0.9	90.6	36.85	3.985	74.99	73.54	77.07	81.3	0	13.27
8/20/2021 22:00	1.3	68.56	23.62	3.023	73.21	71.89	75.2	85.6	0	13.16

8/20/2021 23:00	0.7	86.6	16.31	2.107	72.31	71.65	73.08	88.7	0	13.08
8/21/2021 0:00	0.9	60.1	23	2.885	71.84	70.54	72.91	90.4	0	13.01
8/21/2021 1:00	1.2	33.22	40.67	2.931	70	69.4	70.73	96.3	0	12.99
8/21/2021 2:00	0.6	32.73	43.58	1.924	69.73	69.38	70.09	98.7	0	12.98
8/21/2021 3:00	0.6	39.73	20.63	2.519	70.02	69.8	70.19	99	0	12.98
8/21/2021 4:00	0.6	66.04	50.27	2.473	69.8	69.6	69.97	99.2	0	12.97
8/21/2021 5:00	0.9	54.83	23.27	2.382	69.68	69.48	70.01	99.3	0	12.96
8/21/2021 6:00	0.9	62.63	38.52	2.336	69.43	69.21	69.7	99.2	0	12.94
8/21/2021 7:00	0.3	4.775	16.3	1.695	69.22	69.02	69.49	99.5	0	12.94
8/21/2021 8:00	1.0	33.43	26.45	4.259	70.33	69.2	72.93	98.7	0	13.07
8/21/2021 9:00	1.1	12.48	38.29	3.756	73.13	72.71	73.65	92.7	0	13.66
8/21/2021 10:00	1.6	8.96	33.1	4.214	75.42	73.62	77.64	87.7	0	13.6
8/21/2021 11:00	2.1	34.49	52.85	5.771	80.3	77.57	82.6	74.64	0	13.52
8/21/2021 12:00	1.9	46.29	55.3	5.725	82.2	81.3	83.8	67.98	0	13.51
8/21/2021 13:00	1.9	46.75	45.52	6.504	83.7	82.8	84.8	63.15	0	13.49
8/21/2021 14:00	2.1	111	56.71	5.45	83.8	83.3	84.8	63.06	0	13.49
8/21/2021 15:00	1.5	78.16	57.97	4.992	82.5	80.4	83.8	68.47	0	13.49
8/21/2021 16:00	2.1	134.8	28.68	5.588	80.8	79.81	83.3	74.86	0	13.49
8/21/2021 17:00	2.7	130.5	45.64	6.549	83	82.3	83.8	69.68	0	13.49
8/21/2021 18:00	2.0	103.7	41.24	6.137	83.2	82.2	84.4	67.32	0	13.48
8/21/2021 19:00	1.6	93.1	30.54	6.458	83.8	83.2	84.2	63.77	0	13.48
8/21/2021 20:00	2.3	84.4	25.05	7.053	81.3	78.8	83.5	69.53	0	13.41
8/21/2021 21:00	1.7	48.1	14.82	2.885	76.85	75.1	78.81	81.1	0	13.26
8/21/2021 22:00	1.3	50.31	36.47	2.519	73.74	72.89	75.09	92.3	0	13.15
8/21/2021 23:00	1.2	29.17	30.69	2.565	73.06	72.44	73.74	93.1	0	13.06
8/22/2021 0:00	0.7	31.63	23	2.611	72.18	71.56	73.15	96	0	13
8/22/2021 1:00	1.1	25.9	31.62	2.611	71.7	70.97	72.62	96.1	0	12.98
8/22/2021 2:00	1.4	12.8	22.99	3.023	71.25	70.49	72.4	96.8	0	12.97
8/22/2021 3:00	1.8	32.64	25.33	3.435	70.22	69.47	71.83	97.5	0	12.97
8/22/2021 4:00	0.5	60.89	40.06	1.649	69.39	68.96	69.6	99	0	12.96
8/22/2021 5:00	1.3	349.2	34.95	2.885	68.73	67.68	69.7	99.4	0	12.95
8/22/2021 6:00	1.2	346.4	45.35	6.778	70.15	69.25	70.73	98.8	0	12.93
8/22/2021 7:00	1.2	14.28	32.65	3.343	70.1	69.54	70.64	98.3	0	12.92
8/22/2021 8:00	0.7	39.44	21.45	4.214	71.07	69.73	72.75	96.3	0	13.05
8/22/2021 9:00	1.7	292.9	49.53	5.45	74.5	72.45	76.68	86.3	0	13.65
8/22/2021 10:00	3.4	302.3	15.2	8.06	74.88	74.59	75.9	83.4	0	13.63
8/22/2021 11:00	2.9	316	18.11	5.679	76.11	74.66	77.16	81.3	0	13.6
8/22/2021 12:00	2.6	350.9	42.56	6.229	78.48	76.96	80.4	77.65	0	13.56
8/22/2021 13:00	1.6	61.54	70.58	4.626	81.4	79.97	82.6	72.92	0	13.52
8/22/2021 14:00	2.7	36.37	44.11	8.79	83.4	82.3	85.2	67.48	0	13.47
8/22/2021 15:00	2.5	24.79	40.51	7.374	79.97	78.93	82.3	74.81	0	13.47
8/22/2021 16:00	1.7	358.3	31.51	4.992	78.41	77.71	79.07	77.08	0	13.52
8/22/2021 17:00	2.4	340	25.54	5.267	78.15	77.64	78.79	76.95	0	13.52
8/22/2021 18:00	1.6	265.3	48.13	6.458	78.99	78.2	79.52	72.24	0	13.52
8/22/2021 19:00	1.3	221	63.67	4.214	78.72	78.33	79.32	73.06	0	13.52
8/22/2021 20:00	1.0	288.3	49.75	3.71	77.11	75.66	78.35	78.75	0	13.42
8/22/2021 21:00	1.0	38.19	33.59	2.656	75.29	74.24	76.03	84.2	0	13.28
8/22/2021 22:00	0.2	55.41	30.14	1.695	73.66	72.95	74.25	89.1	0	13.17

8/22/2021 23:00	1.7	234.8	31.77	5.084	74.14	72.86	75.09	84.2	0	13.08
8/23/2021 0:00	2.6	265.4	17.36	4.855	74.02	73.83	74.58	85.6	0	13.01
8/23/2021 1:00	2.6	261.8	16.59	5.404	74.09	73.98	74.2	85.8	0	12.98
8/23/2021 2:00	2.2	252.8	20.98	5.13	73.89	73.67	74.18	87.2	0	12.98
8/23/2021 3:00	1.9	246.4	30.02	4.488	73.41	73.07	73.69	91.2	0	12.97
8/23/2021 4:00	2.1	250.6	19.1	4.901	73.29	73.07	73.52	91.8	0	12.96
8/23/2021 5:00	2.1	271.5	20.42	4.855	73.04	72.65	73.51	90.8	0	12.95
8/23/2021 6:00	3.4	283	20.68	7.099	72.91	72.47	73.23	87.6	0	12.93
8/23/2021 7:00	2.8	300.5	13.87	8.89	72.07	71.64	72.6	87.2	0	12.92
8/23/2021 8:00	2.3	277	23.6	6.778	72.95	71.69	74.95	84.1	0	13.02
8/23/2021 9:00	5.4	285.4	20.1	11.13	76.27	74.95	78.03	75.29	0	13.6
8/23/2021 10:00	6.7	308.4	16.97	14.56	78.94	77.9	80.3	71	0	13.55
8/23/2021 11:00	6.9	307.8	18.86	13.47	81.3	80.2	82.7	69.1	0	13.54
8/23/2021 12:00	7.3	310.5	17.94	14.29	83.2	82.3	84	67.23	0	13.51
8/23/2021 13:00	7.9	311.3	20.79	15.43	84.7	83.9	85.4	65.56	0	13.49
8/23/2021 14:00	7.1	309.9	21.36	14.11	85.9	84.9	86.9	63.09	0	13.48
8/23/2021 15:00	5.7	314.8	24.43	12.27	86.5	85.5	87.8	61.5	0	13.46
8/23/2021 16:00	7.4	312	20.94	17.77	87.4	86	89.1	57.98	0	13.46
8/23/2021 17:00	7.3	313.8	20.18	14.2	88.6	87.8	89.3	54.57	0	13.46
8/23/2021 18:00	6.0	307.9	21.28	12.78	89.3	88.5	89.6	51.71	0	13.46
8/23/2021 19:00	4.9	301	22.54	9.57	88.7	87.4	89.6	51.77	0	13.46
8/23/2021 20:00	2.0	329	15.9	4.901	85.8	83.7	87.6	57.32	0	13.36
8/23/2021 21:00	0.2	338.9	3.644	2.198	81.8	81	83.7	65.3	0	13.22
8/23/2021 22:00	0.2	342.9	13.63	1.466	80.1	79.13	81.2	71.11	0	13.11
8/23/2021 23:00	4.1	292.5	28.18	15.71	78.88	77.86	80.2	77.37	0	13.03
8/24/2021 0:00	1.7	298.9	25.5	5.13	76.18	75.36	78.07	90.7	0.01	12.98
8/24/2021 1:00	2.0	298.7	22.7	3.389	75.1	74.86	75.57	93.3	0	12.97
8/24/2021 2:00	2.4	311.5	9.7	4.763	74.58	73.99	75.3	93.4	0	12.97
8/24/2021 3:00	3.6	316.4	10.04	7.557	75.08	74.55	75.7	90	0	12.96
8/24/2021 4:00	3.9	324.7	9.39	7.557	74.95	74.58	75.36	88.2	0	12.95
8/24/2021 5:00	3.1	334	14.62	6.824	74.53	73.87	74.85	87.9	0	12.94
8/24/2021 6:00	3.7	327.4	10.74	7.328	73.22	72.56	74.06	90.6	0	12.92
8/24/2021 7:00	3.4	332.6	11.22	6.412	72.99	72.27	73.94	88.8	0	12.92
8/24/2021 8:00	1.6	334.5	20.2	3.985	74.66	73.12	77.35	82.4	0	13.03
8/24/2021 9:00	3.2	327	12.32	6.595	77.77	76.78	79.35	76.33	0	13.59
8/24/2021 10:00	5.0	324.5	18.96	9.98	79.93	79.22	81	71.6	0	13.54
8/24/2021 11:00	3.6	338.1	30.97	9.21	82.3	80.7	84	67.51	0	13.51
8/24/2021 12:00	2.3	341.5	46.71	8.52	84.4	83.3	85.9	63.67	0	13.46
8/24/2021 13:00	3.7	331.7	47.64	10.21	85.9	85	86.6	60.46	0	13.45
8/24/2021 14:00	3.8	314.1	40.45	9.57	87.1	85.8	88.3	57.81	0	13.45
8/24/2021 15:00	3.9	307.6	30.29	9.98	88.1	87.2	88.8	53.74	0	13.45
8/24/2021 16:00	3.4	317.2	35.9	8.15	89.1	88.3	89.8	50.58	0	13.42
8/24/2021 17:00	3.5	322.8	41.3	7.557	89.3	88.9	90.1	50.62	0	13.42
8/24/2021 18:00	2.8	331	24.64	7.145	89.1	88.5	89.6	49.94	0	13.42
8/24/2021 19:00	1.2	34.58	32.3	4.855	87.8	85.8	89.8	56.39	0	13.42
8/24/2021 20:00	1.5	30.13	14.34	3.298	83.3	81.9	85.8	65.4	0	13.34
8/24/2021 21:00	1.9	27.83	11.81	3.343	80.1	78.02	82	70.66	0	13.2
8/24/2021 22:00	1.4	32.86	25.52	3.114	75.42	74.06	78.97	88.2	0	13.09

8/24/2021 23:00	1.1	34.77	4.757	3.893	74.27	73.38	75.92	91.3	0	13.01
8/25/2021 0:00	0.4	25.57	9.3	3.664	72.61	71.88	73.73	96.1	0	12.96
8/25/2021 1:00	0.8	0.148	32.08	3.023	72.64	71.23	74.68	93.8	0	12.95
8/25/2021 2:00	1.1	39.79	11.72	3.481	72	71.07	74.05	93.8	0	12.95
8/25/2021 3:00	1.0	53.19	21.35	2.748	71.33	70.74	72.28	96.9	0	12.95
8/25/2021 4:00	0.8	38.62	7.169	2.794	70.58	69.8	72.16	96.2	0	12.94
8/25/2021 5:00	0.5	331.4	11.13	2.336	69.38	68.62	69.8	98.4	0	12.92
8/25/2021 6:00	1.3	43.81	40.02	3.664	70.31	69.01	71.33	95.7	0	12.91
8/25/2021 7:00	0.6	44.91	25.4	2.611	68.8	68.28	69.22	97.9	0	12.9
8/25/2021 8:00	0.3	6.896	31.48	1.649	71.37	68.47	74.36	95.7	0	13.03
8/25/2021 9:00	0.4	83.2	43.34	2.656	79.23	74.35	82.1	80.2	0	13.6
8/25/2021 10:00	0.8	123.5	34.1	3.572	84.6	81.4	86.6	65.88	0	13.52
8/25/2021 11:00	2.3	179.9	48.99	6.824	86.7	85.8	87.8	59.21	0	13.48
8/25/2021 12:00	2.8	211.8	38.72	6.916	88	87.3	89	53.95	0	13.45
8/25/2021 13:00	2.2	188.2	57.01	6.595	89.9	88.4	91.1	51.71	0	13.4
8/25/2021 14:00	3.3	213.2	41.98	9.16	90.6	90	91.5	50.49	0	13.4
8/25/2021 15:00	2.8	139.9	44.54	8.84	91.1	90.1	91.9	47.32	0	13.39
8/25/2021 16:00	3.1	119.6	43.32	7.694	91.6	90.9	92.4	49.48	0	13.37
8/25/2021 17:00	4.2	134.3	22.72	8.89	90.8	89.3	92.1	52.63	0	13.37
8/25/2021 18:00	3.5	183.8	41.76	9.71	91	90.6	91.5	51.6	0	13.37
8/25/2021 19:00	2.3	180.9	67	9.76	88	85.1	90.7	58.28	0	13.37
8/25/2021 20:00	5.0	329.5	28.17	11.59	81.7	79.89	85.3	71.11	0	13.21
8/25/2021 21:00	5.1	250.9	32.14	15.94	76.79	74.46	79.9	72.51	0	13.09
8/25/2021 22:00	2.5	353.1	63.19	6.595	72.95	72.2	74.44	88.7	0	13.02
8/25/2021 23:00	1.8	295.3	77.23	7.878	71.94	71.69	72.33	94.2	0	12.97
8/26/2021 0:00	1.9	77.43	35.66	4.763	72.05	71.82	72.36	95.2	0	12.95
8/26/2021 1:00	1.2	347.6	31.66	3.847	71.81	71.53	72.08	95.5	0	12.95
8/26/2021 2:00	1.0	31.53	52.08	3.618	71.32	70.94	71.69	96	0	12.94
8/26/2021 3:00	0.5	65.98	26.97	2.519	71.11	70.74	71.32	95.7	0	12.93
8/26/2021 4:00	0.8	17.06	22.45	2.885	70.34	69.99	70.87	96.8	0	12.92
8/26/2021 5:00	0.2	29.74	9.07	1.695	70.21	70.03	70.44	98.3	0	12.9
8/26/2021 6:00	0.3	46.83	17.46	1.466	70.58	70.18	70.94	98.7	0	12.89
8/26/2021 7:00	1.1	27.2	25.76	2.885	70.99	70.85	71.33	97.2	0	12.88
8/26/2021 8:00	0.4	72.59	27.69	1.878	72	71.29	73.13	96.5	0	12.94
8/26/2021 9:00	0.6	359.2	25.06	2.336	74.81	73.13	77.42	90.7	0	13.64
8/26/2021 10:00	0.6	27.97	31.7	3.252	79.15	77.43	80.2	78.61	0	13.59
8/26/2021 11:00	1.4	342.6	27.61	5.954	81.5	80.1	82.9	77.05	0	13.53
8/26/2021 12:00	1.9	324.4	32.06	6.137	82.8	81.7	85.5	73.6	0	13.51
8/26/2021 13:00	2.4	252.8	51.83	6.091	87.3	85.2	88.3	61.48	0	13.46
8/26/2021 14:00	3.1	253.9	58.79	8.93	88.8	87.1	90	58.22	0	13.43
8/26/2021 15:00	3.1	216.4	40.39	7.328	90.3	89.4	91.5	57.01	0	13.4
8/26/2021 16:00	3.0	256.2	39.68	8.15	91.3	91	92	53.96	0	13.39
8/26/2021 17:00	6.5	190.3	46.07	17.82	84.4	80	91.5	59.42	0	13.39
8/26/2021 18:00	2.1	133.1	62.9	9.62	80.3	79.5	81.8	66.54	0	13.5
8/26/2021 19:00	1.3	123.4	38.96	4.626	83.1	81.2	84.6	63.61	0	13.51
8/26/2021 20:00	1.6	151	21.7	4.168	81.6	80.6	83.7	64.39	0	13.35
8/26/2021 21:00	0.8	120.4	36.05	2.519	79.76	78.18	80.9	69.51	0	13.21
8/26/2021 22:00	1.2	37.69	27.18	3.023	76.49	75.15	78.75	80.4	0	13.11



8/26/2021 23:00	1.7	46.21	20.56	3.618	75.42	73.98	76.84	84.9	0	13.03
8/27/2021 0:00	0.9	25.04	33.57	3.343	73.5	72.92	74.22	93.4	0	12.97
8/27/2021 1:00	1.2	38.64	16.98	2.656	73.8	72.99	74.24	92.1	0	12.96
8/27/2021 2:00	0.1	64.75	10.33	1.42	72.94	72.42	73.8	94.8	0	12.96
8/27/2021 3:00	1.3	29.89	15.66	3.481	72.38	71.63	73.72	95.7	0	12.95
8/27/2021 4:00	0.6	54.75	15.99	2.84	71.44	71.2	71.74	98.2	0	12.94
8/27/2021 5:00	0.7	59.25	30.96	2.931	71.51	71.19	72.13	98.1	0	12.93
8/27/2021 6:00	1.3	35.67	18.37	3.114	70.84	70.22	71.72	98.1	0	12.92
8/27/2021 7:00	0.5	50.74	15.48	1.832	70.57	70.29	71.03	98.9	0	12.91
8/27/2021 8:00	0.7	48.82	14.08	2.656	73.01	70.78	77.59	95.3	0	13.03
8/27/2021 9:00	0.4	9.01	56.88	3.206	80.6	77.62	82.7	77.64	0	13.59
8/27/2021 10:00	1.4	258.4	54.28	3.939	83.2	81.8	85.4	71.84	0	13.53
8/27/2021 11:00	1.6	14.43	67.21	5.175	85.7	84.3	87.3	68.31	0	13.48
8/27/2021 12:00	2.2	327.3	85.8	5.862	87.8	86.2	89.5	65.59	0	13.43
8/27/2021 13:00	2.2	193.3	86.1	7.969	89.7	87.6	91.1	60.12	0	13.4
8/27/2021 14:00	3.0	226.1	56.71	9.89	91.3	90.6	92.2	55.53	0	13.37
8/27/2021 15:00	3.4	156.2	48.76	8.98	90.8	88.2	92.4	55.63	0	13.37
8/27/2021 16:00	6.8	287	91	30	78.5	71.39	88.2	80.1	0.52	13.33
8/27/2021 17:00	1.3	44.5	53.25	4.946	72.31	71.65	72.93	98.3	0.09	13.37
8/27/2021 18:00	0.8	68.26	70.43	2.794	73.51	72.63	74.81	98.7	0	13.49
8/27/2021 19:00	1.2	12.78	56.79	3.618	75.36	74.72	76.03	96.7	0	13.57
8/27/2021 20:00	1.8	35.47	29.59	4.855	74.91	74.66	75.29	98.3	0	13.51
8/27/2021 21:00	1.7	44.93	53.53	3.756	74.4	74.16	74.7	98.2	0.02	13.35
8/27/2021 22:00	1.5	34.22	33.69	4.672	74.48	74.05	74.63	98.4	0	13.23
8/27/2021 23:00	0.9	359.4	38.01	2.931	74.17	73.77	74.62	98.3	0	13.13
8/28/2021 0:00	0.8	80.7	36.35	2.565	73.71	73.28	73.91	99.1	0	13.05
8/28/2021 1:00	0.6	17.82	31.2	2.427	73.1	72.83	73.34	99.5	0	12.99
8/28/2021 2:00	0.4	2.638	23.4	2.061	72.59	72.24	73	99.7	0	12.96
8/28/2021 3:00	0.7	23.42	24.53	2.611	72.38	72.17	72.63	99.8	0	12.96
8/28/2021 4:00	1.0	1.345	19.07	3.939	72.07	71.85	72.27	99.8	0	12.96
8/28/2021 5:00	0.7	354	16.77	3.298	71.68	71.3	71.98	99.7	0	12.95
8/28/2021 6:00	0.9	7.85	29.47	3.252	71.01	70.55	71.49	99.7	0.01	12.94
8/28/2021 7:00	0.7	33.77	24.35	2.977	70.67	70.61	70.84	99.7	0	12.94
8/28/2021 8:00	0.8	358.6	27.3	3.298	71.9	70.64	74.22	98	0	13.04
8/28/2021 9:00	1.5	340.5	23.51	3.756	75.41	74.11	78.76	90.1	0	13.6
8/28/2021 10:00	1.4	36.74	40.22	5.084	79.89	78.79	81.1	79.74	0	13.54
8/28/2021 11:00	2.6	8.93	47.11	6.733	81.6	80.6	82.9	75.71	0	13.51
8/28/2021 12:00	2.9	23.38	57.09	8.2	84.1	82.8	85.8	71.36	0	13.48
8/28/2021 13:00	2.3	65.46	48.23	7.053	86.1	85.5	86.8	67.87	0	13.43
8/28/2021 14:00	2.3	21	56.55	6.229	87.2	85.9	88.9	66.09	0	13.43
8/28/2021 15:00	2.4	77.52	58.15	7.511	86.8	84.6	88.8	68.01	0	13.43
8/28/2021 16:00	2.7	55.85	50.39	8.24	87.2	85.3	88.3	66.59	0	13.43
8/28/2021 17:00	3.2	97.1	46.9	8.75	87.5	86.1	88.6	62.23	0	13.43
8/28/2021 18:00	5.0	102.3	24.14	14.15	84.6	83.8	87.4	73.28	0	13.43
8/28/2021 19:00	3.5	96.6	22.81	7.786	81.8	79.82	83.9	78.14	0	13.42
8/28/2021 20:00	3.0	102.5	23.83	6.504	78.79	77.84	79.82	84.1	0	13.27
8/28/2021 21:00	3.7	112.1	25.43	8.79	76.22	74.83	77.88	89.3	0.01	13.15
8/28/2021 22:00	1.6	93.8	36.53	6.32	74.05	73.54	74.83	94.6	0.01	13.06

8/28/2021 23:00	2.2	95.1	16.69	5.771	73.69	73.4	73.81	93.6	0	13
8/29/2021 0:00	2.1	104.9	19.17	7.511	72.97	72.6	73.39	93.6	0	12.96
8/29/2021 1:00	1.9	87.7	19.03	6.595	72.46	72.26	72.63	93.9	0	12.96
8/29/2021 2:00	3.4	94.9	18.77	8.66	72.01	71.67	72.3	93.3	0	12.96
8/29/2021 3:00	2.8	103.9	22.9	7.374	71.45	71.13	71.69	94.2	0	12.95
8/29/2021 4:00	2.8	95.7	23.14	7.282	70.9	70.64	71.18	94.8	0	12.94
8/29/2021 5:00	2.8	103.3	23.68	8.15	70.43	70.3	70.68	94.8	0	12.92
8/29/2021 6:00	1.9	100.8	19.68	4.443	70.35	70.31	70.47	95	0	12.91
8/29/2021 7:00	1.4	97.2	24.88	3.847	70.26	70.16	70.36	95.5	0	12.9
8/29/2021 8:00	1.4	93.1	23.34	4.397	70.45	70.28	70.68	95.2	0	12.94
8/29/2021 9:00	2.6	94.2	26.81	6.137	70.97	70.67	71.17	93.7	0	13.33
8/29/2021 10:00	2.0	102.5	29.34	5.954	71.34	70.9	72	92.6	0	13.65
8/29/2021 11:00	1.3	358.7	50.9	4.488	72.89	71.76	74.35	88.8	0	13.63
8/29/2021 12:00	1.6	281	70.23	4.763	75.51	74.05	76.66	83.4	0	13.57
8/29/2021 13:00	1.8	305	47.14	4.763	77.24	75.63	79.74	80.2	0	13.55
8/29/2021 14:00	2.0	266.9	52.89	5.633	78.53	77.86	80.1	76.48	0	13.52
8/29/2021 15:00	2.1	272.2	35.43	5.862	79.47	77.9	80.6	75.51	0	13.51
8/29/2021 16:00	1.9	216.4	64.36	4.534	81.6	79.75	82.8	70.83	0	13.51
8/29/2021 17:00	2.6	109.1	75.3	6.275	81.6	79.43	83.5	72.38	0	13.49
8/29/2021 18:00	2.2	119.2	21.62	4.855	79.83	79.23	80.4	76.96	0	13.49
8/29/2021 19:00	1.8	212.4	48.94	5.954	80.8	79.8	81.5	73.06	0	13.51
8/29/2021 20:00	0.7	101.3	71.32	4.488	78.55	77.23	79.83	77.66	0	13.37
8/29/2021 21:00	1.6	77.11	43.37	3.435	75.49	74.46	77.23	86.7	0	13.24
8/29/2021 22:00	0.9	124.8	41.93	3.572	75.3	74.58	75.84	87.4	0	13.13
8/29/2021 23:00	0.6	325.4	14.48	3.618	74.19	73.68	74.96	91.4	0	13.05
8/30/2021 0:00	0.9	55.68	44.78	3.985	74.01	72.68	75.23	91.5	0	12.99
8/30/2021 1:00	1.0	79.58	66.92	3.481	73.02	72.16	73.73	93.9	0	12.97
8/30/2021 2:00	1.1	322	22.29	2.84	72.59	71.87	73.85	95	0	12.97
8/30/2021 3:00	1.5	46.81	28.7	2.977	72.65	71.8	73.89	95.2	0	12.96
8/30/2021 4:00	0.5	56.82	25.33	2.015	71.72	71.58	71.91	98.1	0	12.96
8/30/2021 5:00	0.3	103.1	29.77	1.832	71.68	71.48	71.86	98.3	0	12.94
8/30/2021 6:00	0.8	170.7	16.43	3.618	72.62	71.77	72.88	96.6	0	12.93
8/30/2021 7:00	1.5	253.5	26.88	4.259	73.13	72.72	73.48	95.6	0	12.92
8/30/2021 8:00	2.4	242.6	22.58	5.13	74.12	73.28	75.29	94	0	12.97
8/30/2021 9:00	2.5	241	29.15	6.458	75.04	74.43	76.15	93.3	0	13.62
8/30/2021 10:00	3.1	260.1	40.04	7.74	78.63	76.15	81.2	85.5	0	13.55
8/30/2021 11:00	2.9	263.9	39.07	7.236	81.7	79.56	83.5	77.69	0	13.51
8/30/2021 12:00	3.9	279.5	32.74	9.16	84.5	83.1	85.7	67.25	0	13.48
8/30/2021 13:00	4.3	275.7	37.04	12.27	85.8	85	87	63.21	0	13.48
8/30/2021 14:00	4.7	285.2	29.27	10.31	86.8	84.7	88.4	61.06	0	13.45
8/30/2021 15:00	4.7	289.9	32.67	13.05	87.9	86.8	88.6	59.2	0	13.43
8/30/2021 16:00	4.8	290	28.51	10.49	88.8	87.9	89.7	57.1	0	13.43
8/30/2021 17:00	4.8	267.6	29.76	10.26	88.2	85.8	89.9	58.36	0	13.4
8/30/2021 18:00	7.0	258.7	21.53	15.94	84.9	82.2	86.6	64.13	0	13.43
8/30/2021 19:00	3.8	250.2	28.44	12.69	81.2	79.72	82.7	67.64	0	13.43
8/30/2021 20:00	2.1	321.3	75.57	4.992	78.21	76.41	79.71	76.59	0	13.35
8/30/2021 21:00	1.6	355.6	31	4.717	76.46	75.34	77.04	81	0	13.21
8/30/2021 22:00	1.3	12.09	59.21	3.114	74.57	73.03	76.31	86	0	13.11

8/30/2021 23:00	1.5	320.4	40.4	4.534	74.53	73.2	75.51	84.5	0	13.03
8/31/2021 0:00	1.6	232.4	37.31	4.259	74.62	74.17	75.06	88	0	12.97
8/31/2021 1:00	2.0	263.9	29.26	4.534	74.32	73.86	74.79	88.6	0	12.96
8/31/2021 2:00	1.4	288.2	29.12	4.397	73.31	73.08	73.86	91	0	12.96
8/31/2021 3:00	3.1	324.7	11.21	7.832	73.05	72.26	73.54	90	0	12.96
8/31/2021 4:00	3.0	322	12.71	5.954	73.07	72.84	73.3	88.2	0	12.95
8/31/2021 5:00	3.5	311.5	11.71	6.504	73.08	72.79	73.45	87.8	0	12.94
8/31/2021 6:00	2.9	327.1	12.95	5.954	72.25	71.8	72.84	89.8	0	12.92
8/31/2021 7:00	1.1	333.6	27.25	4.58	72.25	72.03	72.51	89.8	0	12.91
8/31/2021 8:00	0.7	334.5	13.88	3.801	73.26	72.26	74.51	88.3	0	12.95
8/31/2021 9:00	2.5	341.1	17.3	6.32	75.36	74.38	76.8	84.5	0	13.5
8/31/2021 10:00	2.4	353.6	38.4	5.817	78.16	76.55	80.1	78.79	0	13.57
8/31/2021 11:00	1.9	359.5	48	5.267	80.4	79.87	81.2	73.2	0	13.54
8/31/2021 12:00	1.8	260.4	95.3	5.725	81.5	80.5	82	70.53	0	13.51
8/31/2021 13:00	1.3	5.057	54.65	4.626	81.6	81.3	82.3	70	0	13.51
8/31/2021 14:00	1.6	51.81	39.38	5.542	81.1	80.6	81.8	71.9	0	13.51
8/31/2021 15:00	1.0	32.92	33.95	3.618	80.9	80.4	81.4	72.84	0	13.51
8/31/2021 16:00	1.4	15.36	35.9	3.664	80	79.84	80.4	76.69	0	13.51
8/31/2021 17:00	1.2	50.05	30.94	3.801	80.1	79.69	80.7	76.03	0	13.51
8/31/2021 18:00	1.2	74.76	28.95	3.939	79.24	78.25	80.3	79.03	0	13.51
8/31/2021 19:00	0.4	87.2	20.18	2.656	78.21	77.49	78.45	81.2	0	13.52
8/31/2021 20:00	1.5	81.3	31.7	3.618	76.13	75.3	77.5	87.6	0	13.38
8/31/2021 21:00	1.0	64.88	16.5	2.519	75.36	75.14	75.69	90.3	0	13.25
8/31/2021 22:00	1.8	67.07	23.05	3.206	74.93	74.27	75.23	91.2	0	13.15
8/31/2021 23:00	1.0	34.17	31.59	2.931	74.05	73.63	74.68	93.8	0	13.06