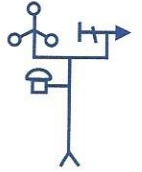




TECHNICAL ENVIRONMENTAL SERVICES, LLC



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)
9/1/2021 0:00	1.4	77.33	27.05	3.298	73.64	72.76	74.25	92.4	0 12.99
9/1/2021 1:00	1.1	40.42	36.55	3.298	72.57	72.27	72.77	96.6	0 12.95
9/1/2021 2:00	0.6	50.13	25.85	4.259	72.39	72.11	72.71	97.2	0.02 12.95
9/1/2021 3:00	1.5	44.45	26.51	5.313	72.15	72.11	72.23	98	0.05 12.96
9/1/2021 4:00	3.7	82.3	87	16.58	71.15	69.4	72.17	98.7	0.16 12.95
9/1/2021 5:00	3.3	96.6	24.75	10.9	69.25	68.98	69.79	98.6	0.2 12.94
9/1/2021 6:00	3.0	82.4	58.66	7.694	69.69	69.08	70.12	98.9	0.14 12.93
9/1/2021 7:00	2.9	29.7	68.65	7.832	70.28	69.97	70.58	99.1	0.12 12.91
9/1/2021 8:00	2.1	92.5	23.28	5.45	70.68	70.54	70.99	99.1	0.12 12.94
9/1/2021 9:00	1.6	79.82	21.13	4.443	71.51	70.99	71.96	99.2	0.1 13.15
9/1/2021 10:00	2.5	109.2	18.57	6.641	72.23	71.93	72.79	99.2	0.08 13.53
9/1/2021 11:00	3.3	128.1	18.88	7.374	74.14	72.78	75.03	98.7	0.06 13.62
9/1/2021 12:00	4.4	132.1	21.24	9.48	75.9	75.02	77.09	95.6	0.04 13.6
9/1/2021 13:00	4.0	147.3	27.07	9.85	77.64	77.09	78.13	90.4	0.04 13.58
9/1/2021 14:00	5.2	155.8	29	13.88	77.71	75.77	78.57	86.8	0.04 13.57
9/1/2021 15:00	6.6	185	26.64	16.17	76	75.24	76.63	94.4	0.04 13.57
9/1/2021 16:00	5.5	198.7	24.68	13.88	75.49	75.14	76.17	96.1	0.04 13.56
9/1/2021 17:00	4.6	203.6	27.23	15.39	76.41	75.92	76.9	94.4	0.02 13.6
9/1/2021 18:00	3.8	215.8	28.54	9.48	76.61	76.34	76.89	93.3	0.02 13.57
9/1/2021 19:00	6.0	319.6	70.7	14.93	71.45	67.29	76.85	95.2	0.02 13.55
9/1/2021 20:00	4.7	349.7	30.47	12.69	66.59	66.17	67.3	95	0.02 13.52
9/1/2021 21:00	5.7	341.8	23.83	14.01	66.13	65.99	66.27	93.3	0.02 13.37
9/1/2021 22:00	6.6	343.8	26.75	24.14	65.49	65.2	66.14	93.9	0.01 13.26
9/1/2021 23:00	7.5	343.7	22.18	17.27	64.91	64.72	65.23	91.9	0.01 13.17
9/2/2021 0:00	6.5	341.4	23.24	16.08	65.25	65.04	65.53	85.8	0.01 13.08
9/2/2021 1:00	5.8	343.1	23.06	18.69	65.34	65.04	65.79	82.3	0.01 13.01
9/2/2021 2:00	5.5	340.8	21.43	11.18	65.25	65.12	65.45	80.2	0 12.96
9/2/2021 3:00	6.4	333.2	14.55	12.37	64.25	63.8	65.14	82.9	0.01 12.95
9/2/2021 4:00	5.4	336.5	19.28	12.82	63.41	62.99	64.11	83.2	0.01 12.96
9/2/2021 5:00	4.9	335.7	17.91	12.09	62.09	61.43	63.05	82.4	0 12.96
9/2/2021 6:00	5.1	335.4	17.29	12.73	60.82	60.13	61.57	79.37	0.01 12.94
9/2/2021 7:00	2.9	341.2	20.29	7.878	59.52	58.87	60.15	76.38	0.01 12.93
9/2/2021 8:00	3.5	332.6	12.74	7.603	59.4	58.7	60.87	74.75	0 13
9/2/2021 9:00	4.6	335.4	19.76	13.79	62.67	60.87	64.65	67.56	0 13.78
9/2/2021 10:00	5.1	348.1	28.41	14.06	66.23	64.65	68	60	0.01 13.71
9/2/2021 11:00	5.1	355.6	35.03	16.26	68.9	68	70.13	53.88	0.01 13.67
9/2/2021 12:00	5.2	359.9	34.99	14.43	70.98	69.84	72.26	51.48	0 13.63
9/2/2021 13:00	5.5	346.1	34.51	16.08	72.71	71.92	73.87	48.38	0.01 13.61
9/2/2021 14:00	6.4	339.9	29.36	15.98	74.18	73.55	75.35	44.34	0 13.6
9/2/2021 15:00	6.7	328.1	23.13	15.85	75.41	74.55	76.06	43.36	0.01 13.57
9/2/2021 16:00	6.4	337.4	25.59	14.47	76.2	75.77	76.94	39.61	0 13.57
9/2/2021 17:00	5.2	341.5	32.22	12.78	76.42	75.87	76.92	39.37	0.01 13.57
9/2/2021 18:00	5.1	341	24.46	12.64	75.78	75.33	76.45	39.47	0 13.57
9/2/2021 19:00	2.3	348.1	23.72	7.649	74.85	73.92	75.55	41.92	0.01 13.57
9/2/2021 20:00	0.9	14.53	22.39	4.809	71.17	68.73	73.95	46.81	0 13.47
9/2/2021 21:00	1.4	31.21	11.24	3.252	66.13	63.76	68.8	57.97	0 13.34
9/2/2021 22:00	1.3	40.25	12.22	3.572	63.39	61.31	66.42	67.26	0 13.24

9/2/2021 23:00	1.3	41.01	25.87	3.618	60.23	57.85	62.38	80.3	0	13.15
9/3/2021 0:00	1.1	45.65	22.84	2.702	57.8	56.87	58.64	92.1	0.01	13.07
9/3/2021 1:00	3.0	338.5	11.92	5.542	60.66	56.98	61.92	75.53	0	13
9/3/2021 2:00	2.7	351.6	21.35	5.817	60.47	59.32	61.79	73.77	0	12.95
9/3/2021 3:00	1.8	352.5	17.95	5.954	58.72	57.89	59.38	75.02	0	12.94
9/3/2021 4:00	1.8	353.4	19.32	4.672	57.49	56.84	58	76.49	0.01	12.94
9/3/2021 5:00	1.4	8.88	19.15	4.076	56.42	55.84	56.94	78.7	0	12.93
9/3/2021 6:00	2.2	11.74	20.17	4.168	55.54	54.58	56.87	79.46	0	12.91
9/3/2021 7:00	1.6	29.69	13.17	2.702	54.36	53.36	54.87	83.6	0	12.9
9/3/2021 8:00	1.1	8.37	32.14	2.885	55.59	53.29	58.47	84.4	0	13
9/3/2021 9:00	0.8	327.1	39.87	3.343	62.59	58.48	66.27	69.84	0	13.78
9/3/2021 10:00	2.3	22.75	46.57	7.465	66.65	65.84	67.73	59.07	0	13.7
9/3/2021 11:00	3.5	342.7	38.25	10.21	68.76	67.34	69.86	53.86	0.01	13.67
9/3/2021 12:00	4.2	343.4	35.54	12.14	70.35	69.7	71.23	51.52	0	13.64
9/3/2021 13:00	4.3	343.1	37.66	11.68	71.66	70.41	73.1	51.63	0	13.61
9/3/2021 14:00	5.1	333.6	31.92	10.81	72.99	72.19	74.38	51.29	0.01	13.6
9/3/2021 15:00	3.7	332.5	44.1	10.12	74.45	73.5	75.42	49.36	0	13.57
9/3/2021 16:00	2.5	19.54	49.29	8.93	74.71	73.05	76.42	50.65	0	13.57
9/3/2021 17:00	2.7	6.228	47.58	9.02	75.34	73.92	76.25	50.9	0	13.56
9/3/2021 18:00	2.7	352.1	40.33	7.832	75	73.12	76.1	51.36	0	13.54
9/3/2021 19:00	1.4	1.956	23.83	4.214	73.19	72.07	74.04	55.99	0	13.55
9/3/2021 20:00	1.2	25.32	14.94	2.702	70.47	67.34	72.8	61.95	0.01	13.45
9/3/2021 21:00	1.7	25.65	16.37	2.885	65.1	63.18	67.34	80.2	0	13.32
9/3/2021 22:00	1.4	23.18	17.46	2.84	62.42	61.66	63.57	90.5	0	13.22
9/3/2021 23:00	1.4	24.13	11.34	2.382	61.52	60.52	62.69	92.1	0	13.13
9/4/2021 0:00	0.9	24.32	12.33	2.611	59.65	58.65	60.84	95.9	0	13.05
9/4/2021 1:00	0.1	17.76	11.73	0.962	57.89	57.32	58.66	97.7	0.01	12.99
9/4/2021 2:00	0.6	29.18	17.07	2.153	57.74	57.4	58.14	98.7	0	12.95
9/4/2021 3:00	1.0	49.03	12.97	2.565	57.42	56.45	58.18	98.3	0	12.94
9/4/2021 4:00	1.4	44.44	16.49	2.565	56.78	55.69	57.85	97.8	0	12.94
9/4/2021 5:00	0.5	38.26	14.65	2.244	55.52	54.81	56.22	98.7	0	12.92
9/4/2021 6:00	0.9	39.48	24.32	2.656	55.64	55.35	55.93	99.1	0	12.9
9/4/2021 7:00	0.1	71.12	3.113	1.374	55.46	55.11	55.81	99.4	0	12.89
9/4/2021 8:00	0.3	69.69	12.71	2.107	57.34	55.64	58.56	99.4	0	12.92
9/4/2021 9:00	0.3	25.02	20.84	1.42	60.46	58.56	61.91	95.2	0	13.81
9/4/2021 10:00	0.4	343.9	33.07	2.794	65.97	61.92	71.59	81.5	0	13.74
9/4/2021 11:00	1.2	128.3	57.62	5.038	71.2	70.04	73.62	61.57	0.01	13.65
9/4/2021 12:00	2.5	201.2	77.31	8.79	74.86	73.62	75.94	55.5	0	13.55
9/4/2021 13:00	2.7	180.8	49.14	10.58	74.22	73.47	75.7	55.3	0	13.55
9/4/2021 14:00	3.7	203	49.99	9.71	75.03	74.06	76.65	54.91	0	13.55
9/4/2021 15:00	3.8	234.8	46.86	14.01	76.68	76.15	77.77	53.6	0	13.54
9/4/2021 16:00	4.4	219	50.23	11.27	77.22	76.34	78.11	52.26	0.01	13.54
9/4/2021 17:00	3.7	190.6	37.45	9.76	77.88	76.79	78.72	51.76	0	13.54
9/4/2021 18:00	3.4	238.7	40.26	8.56	77.93	77.45	78.48	51.64	0	13.54
9/4/2021 19:00	3.2	181.6	35.67	10.31	76.65	75.64	78.08	55.46	0	13.54
9/4/2021 20:00	1.7	151.9	33.3	6.366	73.99	71.96	75.63	61.52	0	13.42
9/4/2021 21:00	1.4	129.4	26.79	4.122	70.32	68.4	72.1	71.58	0	13.29
9/4/2021 22:00	1.8	141	17.59	3.435	69.3	68.87	69.98	75.76	0	13.19

9/4/2021 23:00	2.3	128.6	15.71	4.168	67.91	67.09	68.89	80.2	0	13.1
9/5/2021 0:00	2.0	142.5	19.85	5.45	67.32	66.95	67.64	82.5	0	13.02
9/5/2021 1:00	1.8	140.7	19.89	4.901	66.53	66.14	66.93	86.4	0.01	12.96
9/5/2021 2:00	1.4	123.4	17.88	3.023	65.72	64.91	66.4	90.1	0	12.95
9/5/2021 3:00	0.9	157.9	22.32	4.992	65.76	64.85	66.36	91.3	0	12.95
9/5/2021 4:00	2.8	178.7	28.62	7.923	66.77	66.17	67.36	87.7	0	12.94
9/5/2021 5:00	2.8	189.3	26.83	8.11	67.31	67.17	67.45	84	0	12.92
9/5/2021 6:00	1.6	213.6	33.31	5.038	67.11	66.67	67.38	83.5	0	12.9
9/5/2021 7:00	1.0	170.6	24.48	2.748	66.48	66.3	66.72	85.5	0	12.89
9/5/2021 8:00	1.8	202.9	41.44	5.771	66.89	66.52	67.22	84.1	0	12.89
9/5/2021 9:00	1.9	205.4	42.75	6.32	67.87	67.12	68.32	82.4	0	13.54
9/5/2021 10:00	2.8	213.1	34.7	7.145	69.17	68.21	70.31	79.19	0.01	13.69
9/5/2021 11:00	2.4	221.5	43.21	7.465	70.99	70.28	72.14	76.76	0	13.66
9/5/2021 12:00	2.8	208.8	33.46	6.595	70.4	70.06	70.99	79.96	0	13.66
9/5/2021 13:00	2.9	232.9	26.18	7.42	69.8	69.16	70.69	86.5	0	13.66
9/5/2021 14:00	3.0	253	29.05	8.43	70.14	69.34	71.43	91.6	0	13.66
9/5/2021 15:00	3.3	232.2	29.41	8.38	71.16	71.01	71.45	91.4	0	13.66
9/5/2021 16:00	2.2	248.6	24.91	6.641	71.33	70.78	72.36	91.7	0	13.66
9/5/2021 17:00	2.5	246.2	26.63	6.046	72.55	72.27	72.76	89.7	0	13.66
9/5/2021 18:00	1.5	263.6	20.66	4.351	72.01	71.87	72.31	92.8	0	13.65
9/5/2021 19:00	0.7	17.87	52.49	3.023	71.73	71.23	72.12	95.2	0	13.56
9/5/2021 20:00	0.8	2.071	14.13	2.29	71.13	71	71.25	97.2	0.01	13.4
9/5/2021 21:00	0.4	74.52	32.55	1.74	70.81	70.43	71.21	96.9	0	13.28
9/5/2021 22:00	1.1	227.7	51.21	7.282	70.63	70.45	71.16	97.1	0	13.18
9/5/2021 23:00	0.8	340.1	49.4	3.16	70.44	70.11	71.2	97.2	0	13.09
9/6/2021 0:00	0.5	328.7	61.44	2.382	70.29	70.05	70.55	98	0	13.02
9/6/2021 1:00	0.3	289.1	26.55	1.832	70.25	70.04	70.47	98.1	0	12.96
9/6/2021 2:00	0.3	276	18.53	2.061	70.02	69.81	70.32	98.2	0	12.96
9/6/2021 3:00	4.3	286.9	31.27	10.44	69.79	69.22	70.31	95.8	0	12.96
9/6/2021 4:00	2.8	322.7	16.78	8.15	69.05	68.78	69.29	95.4	0	12.95
9/6/2021 5:00	1.9	317.8	26.81	4.534	68.5	68.35	68.79	96.3	0.01	12.94
9/6/2021 6:00	1.8	302.7	29.23	5.084	67.9	67.38	68.47	96.3	0	12.92
9/6/2021 7:00	3.0	304.9	13.96	5.313	67.28	67.08	67.5	96.2	0	12.9
9/6/2021 8:00	3.8	313.5	11.45	6.87	68.02	67.18	69.58	94.4	0	12.95
9/6/2021 9:00	4.6	302.5	17.39	11.5	70.81	69.58	71.81	84.7	0	13.68
9/6/2021 10:00	6.6	311.8	18.29	12.82	72.44	71.76	73.01	72.45	0	13.63
9/6/2021 11:00	6.1	315.7	21.63	12.73	74.27	72.99	75.54	63.63	0	13.6
9/6/2021 12:00	5.7	314	20.64	11.77	76.85	75.28	78.18	53.76	0	13.57
9/6/2021 13:00	6.8	304.9	22.6	14.15	78.85	78.09	79.89	47.7	0	13.54
9/6/2021 14:00	8.5	313.5	21.29	16.26	79.88	79.14	80.8	45.74	0	13.54
9/6/2021 15:00	9.2	301.9	23.27	17.45	80.8	80.2	81.5	44.43	0	13.54
9/6/2021 16:00	8.3	301.7	19.32	16.35	81.4	80.8	82	43.38	0.01	13.51
9/6/2021 17:00	6.8	287.1	23.69	16.49	82	80.8	82.6	42.38	0	13.51
9/6/2021 18:00	6.8	287.4	21.1	13.83	81.6	81	82.8	41.22	0	13.51
9/6/2021 19:00	5.3	298.4	19.53	11.08	80.3	78.64	81.5	43.46	0	13.51
9/6/2021 20:00	2.7	317.6	11.16	7.511	76.17	73.48	78.98	49.29	0	13.39
9/6/2021 21:00	1.0	331.8	24.51	3.985	72.74	71.86	73.58	55.97	0	13.26
9/6/2021 22:00	1.1	1.118	27.33	3.252	70.56	67.76	72.7	62.09	0	13.16

9/6/2021 23:00	0.8	351.6	33.56	2.748	67.66	66.72	68.5	71	0	13.08
9/7/2021 0:00	0.5	31.6	45.48	1.924	65.48	63.44	67.43	79.98	0	13
9/7/2021 1:00	0.9	6.534	26.96	2.611	65.46	63.16	66.25	79.9	0	12.95
9/7/2021 2:00	1.4	24.1	35.77	3.252	61.92	60.81	63.61	92.8	0.01	12.94
9/7/2021 3:00	1.6	35.6	50.2	3.527	62.38	60.81	63.67	89.1	0	12.95
9/7/2021 4:00	1.0	16.14	24.13	3.572	62.34	60.98	64.97	86.5	0	12.94
9/7/2021 5:00	0.7	2.191	9.06	3.481	62.14	60.62	64.39	85.4	0	12.93
9/7/2021 6:00	0.7	40.19	23.35	1.969	60.47	59.19	62.13	91.1	0	12.91
9/7/2021 7:00	1.0	43.87	16.86	2.794	59.84	59.14	61.26	93.6	0	12.89
9/7/2021 8:00	0.8	41.18	9.11	2.656	61.86	59.32	66.37	90.3	0	12.95
9/7/2021 9:00	0.2	93.5	29.86	1.832	70.41	66.41	75.14	73.78	0	13.72
9/7/2021 10:00	0.9	28.73	52.82	3.481	76.1	75.15	76.88	59.68	0	13.61
9/7/2021 11:00	3.3	278.5	37.68	8.75	77.21	76.16	78.44	53.58	0	13.57
9/7/2021 12:00	4.3	274.5	32.9	9.76	78.86	78.04	80	51.39	0	13.54
9/7/2021 13:00	4.9	245.3	32.85	11.08	80.5	79.51	81.7	50.44	0	13.52
9/7/2021 14:00	4.7	254.7	41.45	10.49	82.6	81.7	83.8	47.84	0	13.49
9/7/2021 15:00	4.7	250.6	43.3	11.82	83.4	82.6	84.3	45.35	0	13.48
9/7/2021 16:00	5.4	222.3	29.4	11.82	83.9	83	84.8	43.04	0.18	13.48
9/7/2021 17:00	5.1	218.7	31.79	12.18	84.1	83.6	84.6	41.29	0.04	13.48
9/7/2021 18:00	5.9	198.3	29.73	12.41	83.1	82.6	83.6	41.48	0	13.48
9/7/2021 19:00	4.8	206.2	30.73	13.56	81.7	80.4	82.8	42.71	0	13.48
9/7/2021 20:00	2.9	202.1	27.47	8.43	78.47	76.92	80.4	48.58	0	13.36
9/7/2021 21:00	2.0	174	23.76	6.137	75.67	74.97	76.92	54.67	0	13.23
9/7/2021 22:00	2.4	178.4	23.9	6	74.33	73.3	75.08	60.09	0	13.13
9/7/2021 23:00	1.9	168.7	24.29	4.901	72.4	72.05	73.32	68.07	0	13.04
9/8/2021 0:00	3.7	183	24.44	9.8	72.21	71.94	72.52	69.77	0	12.98
9/8/2021 1:00	4.0	189.1	27.65	10.26	71.73	70.96	72.19	71.09	0	12.95
9/8/2021 2:00	2.5	195.6	26.77	6.733	70.02	69.08	70.99	75.37	0	12.95
9/8/2021 3:00	2.6	205.5	26.47	9.3	68.68	68.39	69.12	78.35	0	12.96
9/8/2021 4:00	3.0	197.1	26	7.557	68.03	67.58	68.51	78.72	0	12.94
9/8/2021 5:00	2.3	184.9	25.8	6.046	67.07	66.5	67.68	81.6	0	12.92
9/8/2021 6:00	2.4	191.6	26.19	6.366	66.51	66.4	66.64	84.8	0	12.9
9/8/2021 7:00	2.9	187.4	27.57	7.236	66.67	66.31	67.17	87.8	0	12.88
9/8/2021 8:00	3.1	191.5	27.24	9.02	67.69	67.15	68.16	88.4	0	12.91
9/8/2021 9:00	3.7	204.9	26.39	8.47	69.8	68.12	71.2	85.6	0	13.66
9/8/2021 10:00	4.1	204.4	28.37	8.15	73.17	71.18	75.26	78.58	0	13.6
9/8/2021 11:00	4.3	194.9	33.14	10.35	76.34	74.77	77.88	70.87	0	13.54
9/8/2021 12:00	4.7	200	32.92	10.9	79.05	77.5	80.3	66.19	0	13.54
9/8/2021 13:00	4.9	232.6	34.93	10.76	82	80.3	83.3	63.21	0	13.51
9/8/2021 14:00	5.7	224	30.37	13.24	83.7	82.1	85.4	59.44	0	13.48
9/8/2021 15:00	5.5	232.4	33.65	15.85	85.1	83.7	87.1	53.13	0	13.48
9/8/2021 16:00	6.3	220.5	35.67	14.24	86.3	85.6	87.1	51.3	0	13.45
9/8/2021 17:00	6.1	198.8	33.59	13.69	86.1	84.8	87	54.71	0	13.45
9/8/2021 18:00	6.5	189.6	30.98	14.38	84.6	82.4	86	60.15	0	13.45
9/8/2021 19:00	5.7	190	26.87	14.47	82.2	81.3	82.9	66.44	0	13.46
9/8/2021 20:00	4.2	185.1	29.73	10.72	80	79.09	81.3	72.04	0	13.33
9/8/2021 21:00	5.9	189.7	26.78	15.39	78.18	77.39	79.09	76.96	0	13.2
9/8/2021 22:00	5.6	190.8	26.21	14.98	76.83	76.37	77.44	80.1	0	13.1

9/8/2021 23:00	4.3	198.9	30.24	12.46	76.08	75.7	76.41	83.6	0	13.01
9/9/2021 0:00	3.6	251.6	74.18	13.01	74.49	69.03	75.85	87.4	0.12	12.96
9/9/2021 1:00	3.7	346.5	63.96	13.33	68.2	68	69.04	96.8	0.11	12.96
9/9/2021 2:00	1.6	9.81	55.91	6.824	67.85	67.7	68.02	97.9	0.05	12.96
9/9/2021 3:00	1.9	328	66.99	5.313	67.64	67.45	67.75	98.5	0.03	12.95
9/9/2021 4:00	2.9	319	32.74	7.511	67.36	67.05	67.54	97.9	0.02	12.94
9/9/2021 5:00	1.4	358.6	34.67	5.908	66.59	66.15	67.06	97.3	0.01	12.92
9/9/2021 6:00	1.0	333.6	38.17	2.794	65.61	64.81	66.17	98.6	0.01	12.9
9/9/2021 7:00	1.1	338.9	43.96	2.702	66.15	65.83	66.28	98.9	0.01	12.88
9/9/2021 8:00	3.2	331.2	13.96	5.908	65.31	64.87	65.86	98.5	0	12.9
9/9/2021 9:00	1.8	349.8	34.24	4.534	65.64	64.94	66.56	97.5	0	13.14
9/9/2021 10:00	2.5	335.6	24.5	5.588	67.1	66.46	67.48	95.5	0.01	13.71
9/9/2021 11:00	1.6	348	22.76	4.626	67.72	67.24	68.39	92.7	0	13.71
9/9/2021 12:00	3.5	329.2	18.57	8.15	68.56	68.15	69.14	89.6	0	13.69
9/9/2021 13:00	2.3	341.6	30.46	5.679	69.72	69.07	70.66	86	0	13.67
9/9/2021 14:00	1.8	21.63	42.96	5.588	71.8	70.66	73.2	79.8	0	13.63
9/9/2021 15:00	3.8	335.9	28.31	10.21	73.2	72.12	75.26	69.33	0.01	13.59
9/9/2021 16:00	2.8	345.7	30.05	8.47	75.48	74.29	76.49	61.24	0	13.57
9/9/2021 17:00	2.2	329.6	33.71	7.74	76.15	75.03	78.01	60.54	0	13.57
9/9/2021 18:00	2.8	313.4	24.23	6	77.16	76.62	78.08	54.58	0	13.54
9/9/2021 19:00	2.0	282.6	38.94	5.267	75.31	72.89	76.99	59.79	0	13.54
9/9/2021 20:00	2.9	326.3	15.94	8.7	70.93	69	72.89	72.09	0	13.4
9/9/2021 21:00	2.6	345.1	21	6.595	68.23	66.6	69.78	72.31	0	13.28
9/9/2021 22:00	1.8	0.567	24.64	3.389	65.11	63.14	66.72	77.85	0	13.18
9/9/2021 23:00	2.6	322.1	9.1	5.313	63.53	62.69	64.3	83.8	0	13.09
9/10/2021 0:00	3.2	323.8	8.27	5.496	63.2	62.61	64.03	82.4	0	13.02
9/10/2021 1:00	3.5	319.8	11.44	7.511	62.43	61.93	62.97	81.3	0.01	12.96
9/10/2021 2:00	4.7	324	12.38	8.75	62.32	61.79	62.81	77.77	0	12.95
9/10/2021 3:00	3.7	321.6	17.44	9.85	62.13	60.83	63.49	74.43	0	12.95
9/10/2021 4:00	3.8	318.4	11.21	9.39	60.93	60	61.58	76.23	0	12.95
9/10/2021 5:00	4.0	311.8	10.8	7.878	59.64	59.06	60.23	78.98	0	12.94
9/10/2021 6:00	4.6	316.4	18.57	9.39	58.87	58.35	59.31	80.7	0	12.92
9/10/2021 7:00	5.1	323.8	18.35	11.08	58.91	58.34	59.39	80.6	0	12.91
9/10/2021 8:00	4.7	317.9	13.79	15.3	59.39	58.25	60.9	80.3	0	12.96
9/10/2021 9:00	8.4	328.1	14.53	16.63	61.88	60.86	63.33	75.54	0	13.78
9/10/2021 10:00	8.7	327.1	17.14	17.22	64.68	63.18	66.24	69.86	0	13.72
9/10/2021 11:00	8.7	323.6	17.75	18.09	67.41	66.26	68.95	63.03	0	13.68
9/10/2021 12:00	8.2	333.1	22.51	15.66	69.56	68.58	70.84	55.26	0	13.64
9/10/2021 13:00	7.3	337.2	28	17.72	71.16	70.26	72.3	51.12	0	13.61
9/10/2021 14:00	7.8	336.4	25.18	17.63	72.28	71.09	73.17	49.45	0	13.6
9/10/2021 15:00	7.8	336.4	23.14	18.92	73.16	72.43	74.19	46.84	0	13.57
9/10/2021 16:00	5.4	343.4	28.55	13.24	73.38	71.74	74.46	46.47	0	13.57
9/10/2021 17:00	4.6	350.7	34.73	13.19	73.38	71.72	74.26	45.24	0	13.57
9/10/2021 18:00	4.5	345	28.86	11.04	72.98	72.69	73.6	46.08	0	13.57
9/10/2021 19:00	1.8	357.7	23.53	5.679	71.87	70.67	73.09	49.12	0	13.57
9/10/2021 20:00	0.8	12.35	20.1	3.023	67.95	65.61	70.7	56.4	0	13.44
9/10/2021 21:00	0.5	1.253	14.34	2.382	63.9	62.79	65.61	68.18	0	13.32
9/10/2021 22:00	1.2	37.94	14.66	3.801	61.08	59.86	64.52	79.06	0	13.23

9/10/2021 23:00	0.9	26.19	13.01	2.336	59.74	58.52	60.71	86.7	0	13.14
9/11/2021 0:00	1.6	32.87	15.35	2.84	58.5	56.26	60.17	90.9	0.01	13.06
9/11/2021 1:00	1.3	33.19	27.44	3.298	57.21	56.03	59.18	93.4	0	12.99
9/11/2021 2:00	0.9	23.74	13.52	3.16	56.14	55.41	58.65	95.4	0	12.94
9/11/2021 3:00	1.0	17.96	20.08	2.977	57.53	56	59.23	90.4	0	12.93
9/11/2021 4:00	0.2	46.15	5.43	1.695	55.87	55.41	56.52	95.7	0	12.94
9/11/2021 5:00	0.6	53.48	17.21	2.015	55.28	54.36	56.35	95.9	0	12.93
9/11/2021 6:00	0.3	25.45	12.3	1.557	55.45	54.83	56.05	95.9	0	12.92
9/11/2021 7:00	1.4	50.48	19.55	2.794	53.94	52.87	54.99	96.8	0	12.91
9/11/2021 8:00	0.3	53.16	13.22	1.832	54.59	52.86	58.39	96.9	0	12.96
9/11/2021 9:00	0.2	134.6	17.08	1.42	62.84	58.4	67.31	81.5	0	13.81
9/11/2021 10:00	1.3	298.2	27.65	5.496	69.66	67.31	71.47	68.73	0	13.7
9/11/2021 11:00	3.2	266.2	37.38	6.733	71.62	69.68	73.31	59.09	0	13.61
9/11/2021 12:00	3.8	250	33.39	10.58	73.72	72.3	74.93	54.14	0	13.6
9/11/2021 13:00	4.4	243.6	42.72	11.31	75.75	74.48	76.99	49.66	0	13.55
9/11/2021 14:00	5.4	216.3	35.05	13.37	75.94	75.05	77.22	46.6	0	13.54
9/11/2021 15:00	5.5	234.9	33.58	13.05	76.89	76.11	77.84	46.55	0	13.54
9/11/2021 16:00	5.0	226.9	36.19	12.82	76.52	74.88	77.93	47.74	0	13.54
9/11/2021 17:00	5.1	228.7	34.57	12.78	77.08	76.19	78.29	47.86	0	13.54
9/11/2021 18:00	4.8	213	31.49	12.14	76.7	76.15	77.26	49.14	0	13.54
9/11/2021 19:00	4.1	217	30.45	10.81	75.57	74.37	76.47	52.57	0	13.54
9/11/2021 20:00	2.7	201.5	24	8.2	72.88	71.57	74.37	59.09	0	13.4
9/11/2021 21:00	1.9	175.9	17.66	6.962	70.45	69.54	71.6	65.36	0	13.28
9/11/2021 22:00	3.2	184.7	23.82	8.47	69.93	69.29	70.3	67.72	0	13.17
9/11/2021 23:00	3.5	188.3	26.33	9.25	68.86	68.22	69.3	72.16	0	13.09
9/12/2021 0:00	2.9	198	25.55	8.47	67.82	67.3	68.25	76.33	0.01	13.01
9/12/2021 1:00	2.7	205.3	22.67	6.87	66.83	66.4	67.3	79.19	0	12.95
9/12/2021 2:00	1.9	195.7	22.07	6.137	65.93	65.33	66.47	80.6	0	12.94
9/12/2021 3:00	1.4	200.2	27.79	4.672	64.91	64.54	65.34	82.6	0	12.94
9/12/2021 4:00	1.0	222.3	69.29	3.527	64.06	63.73	64.55	84.3	0	12.94
9/12/2021 5:00	1.3	227.2	27.73	3.756	63.93	63.67	64.28	84.5	0	12.92
9/12/2021 6:00	1.1	203.2	20.29	3.343	63.05	62.61	63.74	87.4	0	12.9
9/12/2021 7:00	1.0	182	17.31	4.488	61.93	61.63	62.67	90.7	0	12.89
9/12/2021 8:00	2.2	198.8	22.6	4.901	62.52	61.81	63.5	90	0	12.92
9/12/2021 9:00	2.6	198.4	26.18	6.641	65.04	63.49	66.79	85	0	13.74
9/12/2021 10:00	3.0	196	27.31	8.11	68.79	66.74	70.2	77.94	0	13.66
9/12/2021 11:00	4.1	198.2	30.77	9.76	72.55	70.03	75.48	70.83	0	13.61
9/12/2021 12:00	5.1	218.8	27.63	10.26	77.28	74.95	79.52	61.33	0	13.55
9/12/2021 13:00	5.7	216	31.01	12.09	81.1	79.44	82.5	53.47	0	13.51
9/12/2021 14:00	6.6	216.5	29.6	15.16	83.2	82.3	84.5	48.78	0	13.49
9/12/2021 15:00	7.2	218.9	27.37	16.4	84.2	83.6	84.9	47.34	0	13.48
9/12/2021 16:00	6.4	229.8	29.06	15.76	84.6	84	85.2	49.02	0	13.48
9/12/2021 17:00	5.8	224.4	33.21	13.51	84.5	83.9	85.2	51	0	13.48
9/12/2021 18:00	5.9	215.5	26.67	13.83	83.6	82.9	84.3	53.31	0	13.48
9/12/2021 19:00	5.2	218.3	26.68	11.4	81.9	81	82.9	57.07	0	13.48
9/12/2021 20:00	3.4	215.7	23.33	9.02	79.63	78.51	81	63.03	0	13.32
9/12/2021 21:00	3.2	212.7	23.62	7.786	77.97	77.45	78.6	66.71	0	13.19
9/12/2021 22:00	3.9	228.6	22.28	9.48	77.34	77.18	77.58	68.44	0	13.1

9/12/2021 23:00	4.4	233.7	21.48	9.85	76.74	75.95	77.31	70.06	0	13.01
9/13/2021 0:00	2.4	261	29.98	5.908	75.07	73.83	75.94	74.25	0	12.95
9/13/2021 1:00	1.0	280	25.11	2.748	73.18	72.42	74.06	78.99	0	12.95
9/13/2021 2:00	0.8	291.6	34.37	2.244	72.33	72.15	72.58	81.5	0	12.95
9/13/2021 3:00	0.2	353.5	36.05	2.427	71	70.18	72.29	86	0	12.95
9/13/2021 4:00	0.7	332.6	52.3	3.069	70.32	69.55	71.32	89	0	12.93
9/13/2021 5:00	1.0	307.3	43.76	5.725	70.01	68.96	70.52	90.3	0	12.91
9/13/2021 6:00	0.1	104.9	27.21	1.557	68.83	68.25	69.25	93.6	0	12.89
9/13/2021 7:00	0.0	230.7	0.719	0.595	67.82	67.29	68.47	95.7	0	12.88
9/13/2021 8:00	1.5	268.8	18.19	5.542	69.93	68.2	72.5	86.2	0	12.9
9/13/2021 9:00	2.4	266.8	23.44	5.862	74.34	72.39	76.81	76.23	0	13.65
9/13/2021 10:00	4.3	275.1	21.78	10.17	78.32	76.8	79.47	66.36	0	13.57
9/13/2021 11:00	7.2	302.7	19.95	15.57	80.5	79.47	81.1	63.2	0	13.54
9/13/2021 12:00	8.1	304.9	18.89	15.66	81.9	80.9	82.8	62.33	0	13.52
9/13/2021 13:00	9.2	310.5	18.46	17.04	82.7	82.3	83.4	61.37	0	13.51
9/13/2021 14:00	8.1	302.2	20.06	17.45	83.4	82.6	84.3	60.83	0	13.51
9/13/2021 15:00	6.5	304.4	22.42	13.83	83.9	83.2	84.7	60.66	0	13.48
9/13/2021 16:00	6.0	290.6	26.27	12.69	84.5	83.8	85.4	59.32	0	13.48
9/13/2021 17:00	5.2	302.6	21.35	11.91	84.7	84.3	85.2	59.01	0	13.48
9/13/2021 18:00	5.5	309.7	16.01	10.9	83.9	83.3	84.4	59.12	0	13.48
9/13/2021 19:00	4.4	321.1	12.59	9.11	82.1	80.6	83.4	61.87	0	13.48
9/13/2021 20:00	1.7	29.93	59.01	5.725	78.61	77.26	80.7	69.6	0	13.31
9/13/2021 21:00	1.2	36.76	23.43	3.847	76.78	74.55	78.89	73.69	0	13.19
9/13/2021 22:00	0.8	32.74	31.66	4.992	72.92	72.18	76.37	89.5	0	13.1
9/13/2021 23:00	0.3	29.72	28.78	3.023	71.02	70.4	72.57	94.3	0	13.01
9/14/2021 0:00	1.1	33.06	39.58	3.298	71.48	70.17	72.24	92.2	0	12.95
9/14/2021 1:00	1.2	69.7	39.1	3.801	70.65	69.08	71.97	93.1	0	12.94
9/14/2021 2:00	0.7	22.18	16.67	2.061	70.45	69.69	71.36	93.3	0	12.94
9/14/2021 3:00	1.3	30.23	25.8	4.351	68.61	68.13	69.81	97.1	0	12.95
9/14/2021 4:00	0.5	27.99	38.93	2.519	67.67	67.09	68.63	98.2	0	12.94
9/14/2021 5:00	0.2	8.24	25.48	1.603	67.37	67.21	67.57	99	0	12.92
9/14/2021 6:00	0.4	35.9	17.4	1.74	66.81	66.28	67.51	99	0	12.9
9/14/2021 7:00	0.2	72.54	6.891	1.191	66.29	65.55	66.74	99.2	0	12.88
9/14/2021 8:00	0.1	53.12	2.631	1.237	66.38	65.56	68.03	99	0	12.91
9/14/2021 9:00	0.2	43.37	8.28	2.336	71.65	68.05	76.33	93.7	0	13.68
9/14/2021 10:00	1.0	2.756	28.51	3.664	78.9	76.35	81.2	78.41	0	13.57
9/14/2021 11:00	1.5	16.46	48.34	5.267	81.8	80.5	82.5	66.18	0	13.52
9/14/2021 12:00	1.4	124.1	72.97	4.809	83.7	82.2	84.8	61.91	0	13.48
9/14/2021 13:00	2.5	132.2	44.5	6.183	84.7	84	85.8	61.99	0	13.46
9/14/2021 14:00	2.5	155.5	42.31	8.29	85.4	84.6	86.2	60.59	0	13.45
9/14/2021 15:00	3.3	154.4	42.11	9.48	86.1	85	88	59.19	0	13.45
9/14/2021 16:00	4.2	182.9	39.9	11.86	87.1	85.8	88.2	55.64	0	13.45
9/14/2021 17:00	3.8	195.9	36.49	8.98	87.5	86.5	89	55.6	0	13.42
9/14/2021 18:00	3.4	194.6	34.29	8.66	86.3	85.7	86.9	56.7	0	13.42
9/14/2021 19:00	2.7	178.9	34.66	8.11	84.6	82.9	85.7	61.54	0	13.43
9/14/2021 20:00	2.5	128.1	25.24	6.778	80.8	78.45	82.9	71.79	0	13.28
9/14/2021 21:00	2.2	140.4	16.87	4.305	78.23	77.81	78.7	82.6	0	13.16
9/14/2021 22:00	1.9	140.9	13.42	3.664	77.25	76.74	77.83	86	0	13.06

9/14/2021 23:00	2.4	140.9	18.54	6.549	76.55	76.19	76.84	87.4	0	12.99
9/15/2021 0:00	2.9	152.8	25.4	7.832	76.04	75.66	76.71	88.6	0	12.94
9/15/2021 1:00	3.1	177	26.19	7.557	76.46	76.22	76.76	86.9	0	12.94
9/15/2021 2:00	2.0	189	23.74	6.87	75.68	74.99	76.26	87.8	0	12.95
9/15/2021 3:00	0.9	171.3	19.6	3.023	74.25	73.53	75.04	90.4	0	12.95
9/15/2021 4:00	1.5	197.4	23.54	4.488	73.21	72.72	73.66	87.7	0	12.94
9/15/2021 5:00	1.1	172.3	24.93	3.939	72.29	71.7	72.8	87.5	0	12.92
9/15/2021 6:00	1.4	139.8	22.1	4.122	71.17	70.28	71.86	88.8	0	12.9
9/15/2021 7:00	1.6	138.5	10.84	2.794	69.87	69.41	70.31	91.1	0	12.89
9/15/2021 8:00	1.3	154.7	24.67	3.847	69.8	69.27	71.09	90.1	0	12.91
9/15/2021 9:00	3.1	201.6	28.51	9.94	72.92	71.11	74.49	81.7	0	13.65
9/15/2021 10:00	4.1	202.8	30.54	8.89	76.02	74.23	78.19	74.25	0	13.58
9/15/2021 11:00	4.3	210.7	30.98	12.18	79.73	78.02	81.5	67.03	0	13.54
9/15/2021 12:00	4.5	201.2	32.73	12.46	82.9	81.5	84	60.68	0	13.51
9/15/2021 13:00	6.9	225.6	31.7	14.93	84.7	84	85.6	54.46	0	13.48
9/15/2021 14:00	7.7	209.6	27.32	15.39	85.7	84.9	86.6	53.38	0	13.48
9/15/2021 15:00	7.3	208.1	27.67	16.58	86.6	86	87.1	51.21	0	13.45
9/15/2021 16:00	7.4	207.4	27.78	15.3	87.3	86.9	87.9	49.35	0	13.45
9/15/2021 17:00	6.7	208.7	29.35	14.75	86.3	85.2	87.1	50.89	0	13.45
9/15/2021 18:00	6.2	204.6	26.52	16.3	85.1	84.2	85.9	50.87	0	13.45
9/15/2021 19:00	3.6	198.1	30.34	11.54	84.2	82.5	85.2	52.42	0	13.48
9/15/2021 20:00	1.4	170.8	21.29	3.572	81.3	80.5	82.6	59.99	0	13.28
9/15/2021 21:00	2.8	165.9	74.94	12.6	79.38	77.42	80.6	66.57	0	13.16
9/15/2021 22:00	3.3	353.5	30.44	10.9	75.81	74.57	77.44	70.53	0	13.06
9/15/2021 23:00	2.2	355.3	40.2	6.824	73.43	71.66	74.57	76.97	0	12.99
9/16/2021 0:00	1.0	39.03	73.02	4.946	70.97	70.01	71.7	87.3	0	12.95
9/16/2021 1:00	2.7	306.8	51.14	11.54	71.39	70.14	72.35	84.5	0	12.95
9/16/2021 2:00	1.3	59.85	46.96	3.527	69.99	69.07	71.21	89.3	0	12.96
9/16/2021 3:00	0.9	0.063	27.35	4.351	68.89	68.71	69.11	93.6	0	12.95
9/16/2021 4:00	0.8	30.47	34.2	3.71	68.31	68.06	68.72	94.9	0	12.94
9/16/2021 5:00	0.9	11.4	28.51	3.481	67.77	67.55	68.08	96	0	12.92
9/16/2021 6:00	0.8	56.25	19.99	3.756	67.3	67.09	67.62	96.5	0	12.91
9/16/2021 7:00	0.9	51.06	33.47	3.939	67.01	66.83	67.22	96.8	0	12.89
9/16/2021 8:00	1.0	8.8	30.83	3.389	67.31	66.76	68.25	97.2	0	12.9
9/16/2021 9:00	1.6	34.39	33.84	6.046	70.25	68.25	72.34	91.4	0	13.68
9/16/2021 10:00	2.3	36.02	38.43	6.412	73.92	71.79	75.97	81.6	0	13.6
9/16/2021 11:00	2.6	44.39	45.79	8.02	77.4	76	78.86	74.5	0	13.54
9/16/2021 12:00	2.3	19.32	51.93	8.06	79.44	78.46	80.6	71.39	0	13.51
9/16/2021 13:00	2.4	84.7	51.62	8.2	81.1	79.97	82.9	68.09	0	13.49
9/16/2021 14:00	3.2	95.4	42.91	7.832	81.7	79.73	83.4	66.84	0	13.48
9/16/2021 15:00	3.6	86.2	32.72	8.2	81.5	80.8	83.3	68.68	0	13.48
9/16/2021 16:00	4.4	79.43	31.64	12.14	78.12	71.35	81.9	77.91	0.06	13.48
9/16/2021 17:00	1.0	70.59	57.51	4.717	72.59	71.37	73.14	97.3	0.12	13.51
9/16/2021 18:00	1.7	350.6	13.12	4.351	73.1	72.82	73.37	98.1	0.04	13.53
9/16/2021 19:00	1.5	176.4	56.64	6.504	73.54	73.29	73.86	97.5	0.04	13.42
9/16/2021 20:00	2.6	115.5	27.45	7.236	72.59	71.82	73.29	96.2	0.02	13.29
9/16/2021 21:00	1.5	49.27	40.57	4.717	71.56	71.32	71.86	97.6	0.02	13.18
9/16/2021 22:00	1.3	67.87	26.92	4.214	70.71	70.24	71.34	97.8	0	13.09

9/16/2021 23:00	1.6	67.09	23.21	5.084	70.41	70.26	70.78	98.1	0.01	13.01
9/17/2021 0:00	1.3	55.04	27.35	4.168	71	70.76	71.2	98.7	0.01	12.95
9/17/2021 1:00	1.2	70.59	29.53	3.893	71.15	71.01	71.27	98.7	0	12.94
9/17/2021 2:00	1.9	71.75	31.84	5.679	70.9	70.76	71.18	98.3	0	12.95
9/17/2021 3:00	1.8	48.64	31.91	4.717	70.6	70.53	70.8	98.2	0.01	12.96
9/17/2021 4:00	2.3	62.57	30.91	7.099	70.12	69.91	70.57	98.5	0	12.95
9/17/2021 5:00	2.1	59.62	31.28	5.359	69.85	69.79	69.95	99	0	12.93
9/17/2021 6:00	1.4	31.2	31.37	5.588	69.96	69.82	70.13	99	0.01	12.92
9/17/2021 7:00	1.3	27.59	28.48	4.992	70.09	70.05	70.16	99	0.01	12.9
9/17/2021 8:00	1.1	31.92	33.1	3.893	70.26	70.12	70.6	98.8	0	12.9
9/17/2021 9:00	1.9	32.17	35.6	5.267	71.44	70.58	72.14	97.5	0	13.31
9/17/2021 10:00	2.8	54.47	31.85	8.06	72.87	72.15	73.61	92.2	0	13.65
9/17/2021 11:00	2.5	71.11	29	7.282	73.56	72.74	74.21	89.6	0	13.62
9/17/2021 12:00	3.5	100.5	28.42	10.17	74.65	73.68	75.73	85.6	0	13.6
9/17/2021 13:00	2.5	82	28.16	6.87	74.72	74.12	75.72	86.7	0	13.6
9/17/2021 14:00	2.8	95.1	34.18	7.649	76.88	74.87	78.32	80.4	0.01	13.55
9/17/2021 15:00	3.0	107.4	34.04	7.053	77.8	77.21	78.86	75.94	0	13.54
9/17/2021 16:00	2.3	96.4	39.19	7.923	78.35	76.97	80.3	76.27	0	13.53
9/17/2021 17:00	2.2	59.91	51.06	7.878	78.86	77.69	80.7	76.09	0	13.51
9/17/2021 18:00	1.2	51.18	38.75	4.946	77.88	77.59	78.66	79.87	0.01	13.51
9/17/2021 19:00	1.0	8.49	21.91	2.656	76.45	74.68	78.72	84.2	0	13.51
9/17/2021 20:00	1.4	33.41	21.64	3.023	73.96	73.18	74.73	91.5	0	13.34
9/17/2021 21:00	1.2	46.02	18.44	2.336	72.45	71.86	73.19	94.2	0	13.22
9/17/2021 22:00	1.1	88.1	30.36	2.244	71.97	71.79	72.18	93.9	0	13.12
9/17/2021 23:00	1.5	46	29.14	2.29	70.56	69.39	71.86	96.3	0	13.04
9/18/2021 0:00	1.6	356.6	20.71	3.114	69.54	69.01	70.16	98.9	0	12.97
9/18/2021 1:00	1.0	74.8	32.22	2.107	69.71	69.6	69.85	99	0	12.94
9/18/2021 2:00	0.5	14.98	16.15	2.107	69.64	68.94	69.95	99.2	0	12.94
9/18/2021 3:00	1.7	6.312	16.42	3.801	69.06	68.81	69.19	99.5	0	12.96
9/18/2021 4:00	0.7	36.62	28.09	2.473	68.66	68.45	68.87	99.5	0	12.95
9/18/2021 5:00	1.1	21.06	18.84	2.29	67.88	67.57	68.49	99.7	0	12.94
9/18/2021 6:00	0.1	58.89	3.226	1.374	66.95	66.41	67.63	99.8	0.01	12.92
9/18/2021 7:00	0.0	123.8	9.9	1.328	66.17	65.81	66.63	100	0	12.9
9/18/2021 8:00	0.3	45.38	38.87	2.153	67.58	66.62	68.84	100	0	12.91
9/18/2021 9:00	0.3	142.5	15.55	1.74	70.15	68.81	71.11	99.2	0	13.68
9/18/2021 10:00	0.5	110.7	27.07	3.435	73.12	70.98	75.16	92.7	0	13.63
9/18/2021 11:00	2.6	315.3	63.35	8.29	75.78	73.77	77.78	83.1	0	13.57
9/18/2021 12:00	2.9	300.1	39.57	10.53	77.89	76.56	79.31	76.97	0	13.54
9/18/2021 13:00	2.2	281.5	67.1	7.145	80.2	78.59	81.7	72.1	0	13.51
9/18/2021 14:00	2.3	300.3	50.56	6.366	81.4	79.36	84.1	68.99	0	13.51
9/18/2021 15:00	1.5	251.3	69.09	5.725	83.6	82.2	85	63.25	0	13.48
9/18/2021 16:00	2.9	292	47.5	8.84	85	82.7	86	60.29	0.01	13.45
9/18/2021 17:00	4.1	296.6	35.04	7.923	85.1	84.5	85.7	56.68	0	13.45
9/18/2021 18:00	2.9	352.9	52.51	10.9	81.4	77.96	85.6	62.16	0	13.45
9/18/2021 19:00	0.9	28.54	25.13	3.298	76.04	73.43	77.94	80.3	0	13.51
9/18/2021 20:00	0.8	24.3	18.88	3.114	71.96	70.59	73.42	91.8	0	13.31
9/18/2021 21:00	0.4	50.96	15.75	2.336	70.19	68.9	71.23	96.2	0	13.19
9/18/2021 22:00	0.1	53.28	6.32	1.649	68.73	68.15	69.69	98.2	0	13.1

9/18/2021 23:00	0.4	354.1	17.92	1.42	69.17	68.32	70.05	97.9	0	13.02
9/19/2021 0:00	1.4	30.33	23.55	3.114	69.4	68.52	70.67	95.3	0	12.96
9/19/2021 1:00	0.8	34.82	12.74	3.16	67.58	67.18	68.54	98	0	12.94
9/19/2021 2:00	0.7	51.15	6.689	2.519	67.09	66.75	67.61	98.9	0	12.94
9/19/2021 3:00	2.0	40.42	8.64	3.298	66.68	66.24	66.99	99.1	0	12.95
9/19/2021 4:00	0.7	32.25	18.83	3.252	67.06	66.69	67.34	97.9	0	12.94
9/19/2021 5:00	0.8	21.91	23.32	4.122	67.32	67.21	67.49	96.6	0	12.93
9/19/2021 6:00	0.7	42.7	21.92	4.168	67.16	66.74	67.37	96.3	0	12.91
9/19/2021 7:00	0.2	28.48	14.67	3.343	66.48	65.98	66.83	97.2	0	12.9
9/19/2021 8:00	0.2	27.97	20.07	1.969	66.78	65.92	68.74	96.9	0	12.91
9/19/2021 9:00	1.8	50.46	36.76	5.45	69.55	68.75	70.63	87.8	0.01	13.71
9/19/2021 10:00	2.4	64.25	36.84	8.11	71.53	70.47	72.66	75.23	0	13.64
9/19/2021 11:00	3.0	27	42.67	8.47	72.92	71.73	74.13	66.23	0	13.6
9/19/2021 12:00	2.8	35.74	44.05	8.52	74.83	73.95	76.35	62.36	0	13.57
9/19/2021 13:00	2.1	48.55	55.02	6.366	76.5	75.29	77.84	60.68	0	13.54
9/19/2021 14:00	3.1	25.12	40.25	8.7	75.86	74.82	78.53	64.07	0	13.52
9/19/2021 15:00	2.5	17.18	44.14	6.366	75.44	74.67	76.6	66.2	0	13.51
9/19/2021 16:00	3.9	346.8	43.28	10.67	76.91	75.21	78.46	63.39	0.01	13.51
9/19/2021 17:00	2.0	19.95	52.99	7.603	78.99	78.05	79.62	55.54	0	13.51
9/19/2021 18:00	2.0	3.925	33.11	6.183	78.88	78.21	79.66	48.94	0	13.51
9/19/2021 19:00	1.1	14.94	20.83	3.801	76.14	73.21	78.27	54.85	0	13.51
9/19/2021 20:00	2.1	14.47	7.353	3.572	70.56	68.22	73.21	64.97	0	13.33
9/19/2021 21:00	2.4	54.49	25.2	6.275	66.49	64.22	68.41	73.52	0.01	13.22
9/19/2021 22:00	1.4	26.8	24.23	3.298	62.31	60.51	64.74	89	0	13.13
9/19/2021 23:00	0.4	19.01	18.53	1.832	60.05	59.79	60.54	97.1	0	13.05
9/20/2021 0:00	0.2	0.952	20.41	1.786	59.04	57.94	59.77	98.2	0	12.98
9/20/2021 1:00	0.5	46.37	30.87	2.198	58.41	57.86	58.83	98.7	0	12.94
9/20/2021 2:00	0.7	42.44	19	2.656	57.65	57.38	57.92	98.8	0	12.93
9/20/2021 3:00	2.1	62.63	10.52	3.939	59.35	57.84	60.04	96.1	0	12.93
9/20/2021 4:00	1.0	40.09	17.03	3.572	57.61	56.81	58.45	97.8	0.01	12.94
9/20/2021 5:00	0.6	32.06	29.64	2.519	57.12	56.84	57.56	99.1	0	12.93
9/20/2021 6:00	0.7	30.69	30.95	4.076	57.02	56.38	57.5	99.4	0	12.91
9/20/2021 7:00	0.4	47.76	27.63	2.244	57.08	56.61	57.37	99.7	0	12.9
9/20/2021 8:00	0.4	38.62	28.66	2.611	58.68	56.73	61.9	98.9	0	12.93
9/20/2021 9:00	1.3	87.4	32.8	4.672	64.96	61.92	67.2	88	0	13.78
9/20/2021 10:00	2.7	125.1	24.85	7.923	69.66	67.21	71.83	75.9	0	13.69
9/20/2021 11:00	4.1	133.8	28.99	9.71	72.2	71.36	73.4	62.04	0	13.61
9/20/2021 12:00	4.5	137.6	34.5	11.5	73.85	72.97	74.73	58.86	0	13.58
9/20/2021 13:00	4.4	128.2	36.07	10.63	75.32	74.44	77.19	57.6	0	13.57
9/20/2021 14:00	4.8	124.9	33.04	10.31	75.82	74.5	77.32	57.5	0	13.54
9/20/2021 15:00	4.6	139.8	30.74	11.72	77.44	76.18	78.13	54.63	0	13.51
9/20/2021 16:00	4.9	126.7	30.11	11.22	76.92	75.66	78.28	53.61	0	13.51
9/20/2021 17:00	4.3	130.3	21.49	10.85	75.61	74.22	77.27	53.94	0	13.51
9/20/2021 18:00	4.4	134	22.66	9.89	75.45	74.52	75.96	54.15	0	13.51
9/20/2021 19:00	2.8	119.5	21.53	6.504	72.61	70.85	74.55	61.85	0	13.52
9/20/2021 20:00	2.8	111.5	15.35	6.687	69.84	69.15	70.86	70.96	0.01	13.38
9/20/2021 21:00	2.6	112.8	15.13	6.412	68.26	67.28	69.21	73.19	0	13.26
9/20/2021 22:00	3.5	119.7	16.09	7.557	66.6	65.75	67.3	76.83	0	13.16

9/20/2021 23:00	2.9	115.5	21.12	7.557	65.06	64.34	65.77	80.8	0	13.08
9/21/2021 0:00	1.9	96.9	14.58	3.939	63.62	63.12	64.34	84.2	0	13
9/21/2021 1:00	1.6	62.78	17.49	2.748	62.17	61.14	63.12	88.5	0	12.95
9/21/2021 2:00	1.1	47.21	14.98	2.565	60.77	60.25	61.14	92.4	0	12.94
9/21/2021 3:00	1.2	62.3	19.37	3.527	60.75	60.3	61.35	93	0	12.94
9/21/2021 4:00	0.8	36.39	20.62	2.611	60.66	60.26	61.38	95.2	0.01	12.94
9/21/2021 5:00	1.1	22.16	21.13	3.527	60.54	60.22	60.88	96.9	0	12.93
9/21/2021 6:00	1.0	34.93	19.7	3.343	60.4	60.12	60.57	97.3	0	12.91
9/21/2021 7:00	0.7	49.7	19.51	3.435	60.68	60.13	61.17	97.8	0	12.9
9/21/2021 8:00	0.8	46.5	23.88	4.076	61.96	61.16	63.31	97.2	0	12.92
9/21/2021 9:00	1.6	71.15	34.73	5.13	64.85	63.28	66.71	93.3	0	13.77
9/21/2021 10:00	3.8	115.7	22.74	8.06	68.12	66.66	70.71	86.9	0	13.69
9/21/2021 11:00	4.9	135.4	28.19	11.82	71.99	70.71	72.94	79.32	0.01	13.63
9/21/2021 12:00	3.9	137.5	32.43	10.72	73.75	71.79	76.15	76.9	0	13.6
9/21/2021 13:00	4.0	139.3	36.51	10.95	76.68	75.93	77.53	71.71	0	13.55
9/21/2021 14:00	3.6	139.1	33.05	10.9	76.3	75.24	77.9	72.91	0	13.55
9/21/2021 15:00	1.7	124.8	38.37	7.191	76.23	75.24	77.85	76	0.01	13.55
9/21/2021 16:00	3.6	127.3	19.25	9.43	75.85	75.42	76.5	73.6	0	13.54
9/21/2021 17:00	3.4	125.2	21.77	13.01	75.49	75.34	75.72	73.07	0	13.55
9/21/2021 18:00	4.1	132.6	20.66	10.26	74.93	74.68	75.52	72.11	0	13.55
9/21/2021 19:00	3.1	128.2	18.71	7.969	74.45	74.1	74.76	73.74	0.01	13.52
9/21/2021 20:00	2.9	122.8	14.76	6.366	73.39	72.64	74.17	77.5	0	13.35
9/21/2021 21:00	2.8	123.4	14.7	6	72.54	72.28	72.83	81.3	0	13.23
9/21/2021 22:00	3.2	123.4	16.2	6.87	71.98	71.47	72.43	83.3	0	13.14
9/21/2021 23:00	3.1	129.9	21.2	7.74	71.13	70.76	71.54	83	0	13.05
9/22/2021 0:00	2.6	118.4	19.82	5.908	70.22	69.92	70.81	87.7	0.01	12.98
9/22/2021 1:00	2.7	130.4	19.29	6.046	70.1	69.95	70.22	91	0	12.94
9/22/2021 2:00	3.3	127.5	16.88	8.11	69.82	69.58	70.21	93.3	0.01	12.94
9/22/2021 3:00	3.3	129.3	17.42	7.328	69.33	69.18	69.62	95.6	0	12.95
9/22/2021 4:00	3.2	124.9	17.43	7.374	69.22	69.15	69.39	96.4	0	12.94
9/22/2021 5:00	3.4	129.9	18.01	7.786	69.71	69.37	70.1	96.5	0	12.92
9/22/2021 6:00	4.0	137.4	20.32	8.2	70.45	70.07	70.89	96.5	0	12.9
9/22/2021 7:00	4.6	139.3	21.4	12.69	71.24	70.86	71.65	96.1	0.01	12.89
9/22/2021 8:00	4.8	140.9	23.37	11.59	71.89	71.65	72.21	96.4	0	12.88
9/22/2021 9:00	4.7	149.9	26.07	11.72	72.25	72.06	72.55	96.8	0	13.15
9/22/2021 10:00	5.2	144.1	23.39	12.55	73.26	72.51	74.16	95	0.01	13.28
9/22/2021 11:00	5.6	154.5	30.4	24.09	74.51	73.72	75.44	91.7	0	13.63
9/22/2021 12:00	5.6	160.6	29.18	14.79	76	74.76	76.67	88.5	0	13.6
9/22/2021 13:00	6.3	166.6	28.91	18.23	74.99	73.89	76.72	85.5	0	13.6
9/22/2021 14:00	5.6	152.7	27.38	13.56	76.18	75.19	76.62	86.2	0	13.6
9/22/2021 15:00	6.4	146.5	25.97	15.66	77.18	76.23	77.94	85.9	0	13.57
9/22/2021 16:00	6.5	157.6	33.65	30.09	73.23	68.62	76.38	94.4	0	13.53
9/22/2021 17:00	3.9	154.6	25.26	11.45	70.07	68.47	72.62	94.1	0.01	13.66
9/22/2021 18:00	8.2	159.3	29.89	25.14	74.09	72.62	74.63	91	0.01	13.63
9/22/2021 19:00	6.9	161.7	29.12	18.92	71.58	71.23	72.95	95.2	0	13.59
9/22/2021 20:00	5.7	147.2	21.41	13.37	71.37	71.24	71.52	97.1	0	13.41
9/22/2021 21:00	5.5	153	26.04	16.95	71.68	71.47	71.86	96.5	0	13.29
9/22/2021 22:00	4.8	142	23.67	9.71	71.71	71.66	71.88	97.2	0.01	13.19

9/22/2021 23:00	5.4	143.4	23.49	12.46	71.91	71.69	72.21	97.3	0	13.1
9/23/2021 0:00	6.4	148.6	24.99	15.66	72.69	72.2	73.04	96.1	0.01	13.02
9/23/2021 1:00	6.0	148.5	26.3	14.06	73.21	72.99	73.37	94.6	0	12.96
9/23/2021 2:00	6.5	152.5	26.84	15.11	73.14	72.64	73.49	94.5	0	12.96
9/23/2021 3:00	7.1	152.7	26.17	18.05	72.53	72.4	72.67	97.3	0.01	12.97
9/23/2021 4:00	6.5	151.8	25.46	18.09	72.42	72.22	72.62	97.6	0.1	12.97
9/23/2021 5:00	6.1	191.4	64.69	19.01	71.18	65.63	72.35	97.9	0.12	12.96
9/23/2021 6:00	6.6	320.9	22.47	15.71	62.47	60.96	65.61	97.8	0.11	12.95
9/23/2021 7:00	5.9	317	28.37	11.95	60.39	59.9	60.96	97.8	0.12	12.93
9/23/2021 8:00	6.1	326.1	14.16	10.72	59.86	59.72	60.04	97.8	0.11	12.91
9/23/2021 9:00	4.4	334.6	16.74	9.89	59.89	59.8	60	97.8	0.13	12.92
9/23/2021 10:00	3.3	340.3	19.86	7.053	60.38	59.99	61.02	95.6	0.16	13.21
9/23/2021 11:00	3.8	345.9	26.45	10.85	63.16	60.96	65.86	89	0.14	13.72
9/23/2021 12:00	6.4	327.3	18.83	13.56	66.97	65.86	68.56	75.92	0.14	13.67
9/23/2021 13:00	6.4	308.3	23.55	13.28	69.47	67.85	71.45	67.32	0.12	13.64
9/23/2021 14:00	5.3	310.4	34.39	11.86	71.4	69.89	73.1	63.5	0.12	13.58
9/23/2021 15:00	5.1	291.3	31.94	12	72.27	70.6	73.63	59.97	0.09	13.58
9/23/2021 16:00	5.7	301.2	24.93	11.08	71.99	70.31	73.65	60.08	0.08	13.58
9/23/2021 17:00	5.2	317.2	20.85	10.31	71.07	69.51	72.52	59.58	0.08	13.58
9/23/2021 18:00	7.1	322	13.47	13.33	68.57	67.61	69.89	60.12	0.06	13.58
9/23/2021 19:00	6.3	320.7	15.06	13.28	66.38	64.86	67.75	60.16	0.05	13.62
9/23/2021 20:00	6.8	333.1	17.66	15.11	63.56	62.29	65	60.58	0.04	13.45
9/23/2021 21:00	3.3	342.3	16.54	8.66	61.27	60.31	62.31	60.44	0.04	13.33
9/23/2021 22:00	0.7	18.25	26.06	4.168	59.09	57.72	60.37	69.85	0.03	13.23
9/23/2021 23:00	0.5	43.83	20.67	1.878	57.27	56.93	57.73	79.75	0.02	13.15
9/24/2021 0:00	1.0	347.9	20.49	2.84	55.63	54.64	57.21	86	0.03	13.07
9/24/2021 1:00	1.7	15.3	28.35	4.168	54.8	53.65	56.18	82.1	0.01	13
9/24/2021 2:00	1.4	32.99	8.41	2.84	53.27	51.11	55	86	0.02	12.96
9/24/2021 3:00	0.8	40.53	15.95	2.061	51	50.1	52.18	95	0.01	12.95
9/24/2021 4:00	1.2	23.6	19.77	2.931	50.2	48.75	51.44	97.6	0.01	12.95
9/24/2021 5:00	1.0	42.22	9.46	1.969	49.66	49.19	50.26	98.1	0.01	12.95
9/24/2021 6:00	0.7	48.58	13.54	1.649	49.41	48.86	49.88	99	0	12.94
9/24/2021 7:00	0.7	3.612	28.1	2.382	48.4	47.1	49.32	99.2	0.01	12.92
9/24/2021 8:00	0.7	44.49	20.09	2.198	50.58	49.28	53.29	95	0.01	12.93
9/24/2021 9:00	2.5	334.6	14.43	6.412	56.14	53.29	59.51	81.9	0	13.88
9/24/2021 10:00	3.7	312	21.56	8.98	61.93	59.52	63.69	64.6	0	13.79
9/24/2021 11:00	5.4	306	20.4	11.95	65.33	63.63	66.68	56.35	0	13.7
9/24/2021 12:00	6.8	317.5	24.86	15.85	66.93	66.22	67.55	48.1	0	13.67
9/24/2021 13:00	5.7	317.8	26.94	11.72	68.3	66.99	69.3	43.8	0	13.67
9/24/2021 14:00	5.1	326.6	42.41	11.5	69.68	68.87	70.79	42.1	0	13.64
9/24/2021 15:00	4.3	312.8	43.39	12.23	70.79	69.95	71.86	40.42	0	13.61
9/24/2021 16:00	4.9	306.8	34.45	11.77	71.35	70.69	71.84	40.97	0	13.61
9/24/2021 17:00	5.0	302.4	35.5	10.26	71.18	70.76	71.93	41.3	0	13.61
9/24/2021 18:00	4.5	329.3	19.07	10.08	70.68	70.01	71.58	42.66	0	13.61
9/24/2021 19:00	2.8	345.8	29.72	7.007	68.77	66.74	70.21	45.7	0	13.61
9/24/2021 20:00	0.8	42.84	25.81	3.435	62.69	60.67	66.87	60.73	0	13.45
9/24/2021 21:00	1.6	30.63	27.57	3.298	59.66	57.24	60.8	70.28	0	13.34
9/24/2021 22:00	1.7	57.59	35.94	3.527	56.43	55.01	58.49	88.9	0	13.24

9/24/2021 23:00	1.6	45.73	20.82	2.748	54.69	54.03	55.63	94.9	0	13.16
9/25/2021 0:00	0.9	39.72	37.95	2.473	53.39	52.39	54.47	97.7	0	13.08
9/25/2021 1:00	0.4	38.76	12.55	2.244	52.14	51.41	52.59	98.7	0	13.01
9/25/2021 2:00	1.1	48.35	14.15	2.611	51.49	50.85	52.16	98.8	0	12.95
9/25/2021 3:00	0.6	40.73	22.63	2.107	50.7	50.03	51.2	99	0	12.94
9/25/2021 4:00	0.2	81.1	7.057	1.42	50.14	49.67	50.67	99.4	0	12.94
9/25/2021 5:00	0.5	40.2	34.33	1.466	49.89	48.85	50.36	99.5	0	12.94
9/25/2021 6:00	0.3	81.2	22.81	1.878	49.1	48.31	49.63	99.6	0	12.92
9/25/2021 7:00	0.1	4.7	10.27	1.649	48.21	47.49	48.99	99.7	0	12.91
9/25/2021 8:00	0.2	61.21	26.09	1.603	49.67	48.39	53.47	99.3	0	12.92
9/25/2021 9:00	0.1	150.1	25.41	1.099	58.76	53.53	62.4	87.6	0	13.85
9/25/2021 10:00	0.9	326.1	37.51	2.931	63.89	62.43	67.26	73.72	0	13.76
9/25/2021 11:00	3.5	269.1	29.26	9.11	68.13	67.14	69.06	58.07	0	13.68
9/25/2021 12:00	4.1	252.9	39.45	9.57	70.04	68.78	71.48	52.22	0	13.64
9/25/2021 13:00	3.8	248.4	36.57	9.21	72.02	70.92	73.12	47.89	0	13.61
9/25/2021 14:00	4.4	271.6	34.46	9.62	72.14	71.45	73.17	46.07	0	13.61
9/25/2021 15:00	3.6	231.8	40.77	8.79	72.36	71.71	73.23	47.7	0	13.61
9/25/2021 16:00	2.9	211	54.2	9.62	73.89	72.63	74.98	45.84	0	13.58
9/25/2021 17:00	3.1	237.5	50.04	8.38	73.91	73.19	74.73	46.51	0	13.58
9/25/2021 18:00	2.2	257	24.24	6.504	71.52	70.8	73.41	49.91	0	13.58
9/25/2021 19:00	1.3	220.8	43.14	3.985	70.55	68.22	71.04	52.38	0	13.66
9/25/2021 20:00	0.4	148.1	16.55	3.069	66.19	64.38	68.21	66.06	0	13.46
9/25/2021 21:00	0.8	24.42	17.43	2.107	63.63	60.93	64.61	72.05	0	13.34
9/25/2021 22:00	0.5	349.6	16.98	2.107	60.92	59.85	62.22	81.4	0	13.24
9/25/2021 23:00	1.9	289.1	20.01	4.58	61.7	60.63	62.8	79.55	0	13.15
9/26/2021 0:00	3.8	289.2	24.38	10.31	62.28	61.32	62.83	77.6	0	13.07
9/26/2021 1:00	3.3	312.2	10.36	7.649	60.93	59.65	62.65	81	0	13
9/26/2021 2:00	3.5	309	10.82	8.93	59.75	59.34	60.09	83.9	0	12.95
9/26/2021 3:00	4.9	311.1	12.82	8.98	59.56	58.46	60.14	81.9	0	12.94
9/26/2021 4:00	2.9	320.7	12.79	6.824	57.73	56.53	58.58	85.3	0	12.94
9/26/2021 5:00	2.2	328.9	10.38	4.168	56.62	55.47	58.1	87.7	0	12.94
9/26/2021 6:00	2.0	335.3	14.72	3.985	55.81	55.16	56.65	88	0	12.92
9/26/2021 7:00	1.6	11.08	30.97	3.664	54.77	53.91	56.28	89.5	0	12.91
9/26/2021 8:00	1.2	5.906	29.67	4.717	54.86	52.98	57.05	87.8	0	12.92
9/26/2021 9:00	3.5	302.3	22.11	9.39	59.62	57.06	61.22	78.53	0	13.84
9/26/2021 10:00	5.8	297.2	19.45	11.45	62.36	61.21	64.03	68.46	0	13.76
9/26/2021 11:00	7.8	310.5	18.99	13.83	64.95	63.5	66.39	58.6	0	13.71
9/26/2021 12:00	7.6	311.2	20.87	15.57	67.17	65.38	68.67	52.1	0	13.67
9/26/2021 13:00	7.6	307	21.6	15.62	69.02	67.84	70.33	46.59	0	13.67
9/26/2021 14:00	7.5	300.1	25.42	15.11	70.87	69.73	72.12	40.81	0	13.64
9/26/2021 15:00	7.9	309	21.13	17.5	71.84	70.96	73.45	38.03	0	13.62
9/26/2021 16:00	8.8	310.5	16.53	17.5	71.99	71.28	72.93	39.22	0	13.61
9/26/2021 17:00	8.2	303.3	17.51	15.85	72.52	71.79	73.17	37.24	0	13.61
9/26/2021 18:00	6.6	297.7	19.51	14.15	72.07	71.41	72.54	37.56	0	13.61
9/26/2021 19:00	4.5	298.5	14.34	11.86	69.7	66.83	71.41	40.84	0	13.6
9/26/2021 20:00	2.5	303.1	8.35	4.717	64.88	63.78	66.83	51.14	0	13.44
9/26/2021 21:00	1.6	224.5	80.6	3.939	62.56	61.22	63.94	58.88	0	13.33
9/26/2021 22:00	2.2	267.3	20.97	4.397	62.1	61.77	62.36	59.35	0	13.23

9/26/2021 23:00	1.2	246.3	51.08	4.214	60.54	56.8	62.51	63.66	0	13.15
9/27/2021 0:00	1.3	309.3	25.99	3.343	58.31	56.51	60.22	70.73	0	13.07
9/27/2021 1:00	1.5	323	33.07	2.977	58.74	56.27	59.99	69.76	0	13
9/27/2021 2:00	0.4	72.97	13.67	2.107	55.42	54.19	56.32	83.3	0	12.95
9/27/2021 3:00	1.1	9.43	13.63	3.618	54.9	52.29	56.32	83.4	0	12.94
9/27/2021 4:00	1.3	46.53	15.21	2.702	52.83	52.21	53.52	93.5	0	12.94
9/27/2021 5:00	0.8	45.3	15.1	2.748	52.1	51.29	53.11	94.7	0	12.94
9/27/2021 6:00	0.7	27.41	19.72	2.427	53.04	52.17	54.74	90.2	0	12.92
9/27/2021 7:00	0.5	13.09	14.27	2.84	52.97	51.96	54.24	88.7	0	12.9
9/27/2021 8:00	0.9	16.62	49.55	2.885	55.75	52.31	58.75	82.1	0	12.9
9/27/2021 9:00	0.2	107.4	14.96	1.74	63.12	58.13	68.08	75.05	0	13.81
9/27/2021 10:00	0.9	182.8	77.95	4.626	69.74	67.13	71.7	55.12	0	13.7
9/27/2021 11:00	2.6	247.1	47.5	7.236	73.13	71.32	74.01	46.23	0	13.62
9/27/2021 12:00	4.6	218.3	34.88	12.27	74.33	73.39	75.04	42.78	0	13.59
9/27/2021 13:00	5.1	199.1	33.56	15.11	75.79	74.83	76.76	42.21	0	13.58
9/27/2021 14:00	5.5	195.4	36.13	13.47	77.21	75.95	78.43	39.14	0	13.57
9/27/2021 15:00	5.6	204.6	32.94	15.62	78.41	77.7	79.16	39.74	0	13.54
9/27/2021 16:00	6.1	205.5	29.3	14.06	78.48	77.94	78.93	41.06	0	13.54
9/27/2021 17:00	6.5	225.2	27.07	14.01	78.22	77.54	78.9	41.09	0	13.54
9/27/2021 18:00	6.2	223.6	25.53	14.84	77.21	76.24	77.96	42.41	0	13.54
9/27/2021 19:00	4.3	217.6	24.3	9.43	74.99	73.42	76.27	47.48	0	13.54
9/27/2021 20:00	2.9	208.3	23.16	7.42	72.15	71.16	73.46	54.33	0	13.37
9/27/2021 21:00	3.1	203.3	20.37	7.603	70.33	69.68	71.16	58.32	0	13.25
9/27/2021 22:00	3.9	208.5	22.47	10.03	69.75	69.48	70.1	59.63	0	13.15
9/27/2021 23:00	4.6	218.5	25.1	12.32	69.96	69.58	70.37	58.27	0	13.07
9/28/2021 0:00	4.2	239.9	27.04	8.93	69.48	68.51	70.16	59.8	0	12.99
9/28/2021 1:00	1.7	301.6	42.96	6.046	66.75	65.16	68.5	67.01	0	12.96
9/28/2021 2:00	0.7	295.2	60.09	2.794	64.38	63.54	65.15	73.28	0	12.95
9/28/2021 3:00	0.7	296.6	12.92	1.924	64.34	63.6	64.88	73.25	0	12.96
9/28/2021 4:00	0.3	314.8	32.2	2.061	61.9	60.61	63.7	81.3	0	12.94
9/28/2021 5:00	0.2	339.1	19.91	1.466	60.57	58.98	61.78	84.9	0	12.92
9/28/2021 6:00	0.8	314.7	8.5	2.794	60.35	58.85	61.76	86.5	0	12.9
9/28/2021 7:00	1.0	315.4	22.21	3.114	61.13	60.21	61.58	84.7	0	12.88
9/28/2021 8:00	1.9	340.9	25.36	4.214	61.43	59.98	63.39	86.1	0	12.89
9/28/2021 9:00	1.4	264.9	55.93	3.527	65.46	63.37	66.25	79.22	0	13.77
9/28/2021 10:00	3.8	277.2	24.64	10.08	70.89	66.05	74.42	68.99	0	13.64
9/28/2021 11:00	3.7	272.1	25.05	7.832	72.38	69.66	73.75	68.17	0	13.64
9/28/2021 12:00	2.1	264.7	27.38	6.046	71.44	69.61	74.23	74.2	0	13.64
9/28/2021 13:00	3.0	268.1	28.02	6.458	74.62	73.89	75.6	67.57	0	13.64
9/28/2021 14:00	3.5	258.6	27.73	8.24	75.29	74.86	76.1	66.55	0	13.61
9/28/2021 15:00	7.5	286.8	23.17	16.4	75.83	75.03	76.81	64.77	0	13.6
9/28/2021 16:00	7.7	302.6	18.47	17.22	75.24	74.64	76.21	67.01	0	13.6
9/28/2021 17:00	6.0	295.3	26.04	12.27	77.13	76.24	77.77	63.87	0	13.57
9/28/2021 18:00	5.9	295.3	16.44	12.23	75.64	74.44	76.95	66.27	0	13.57
9/28/2021 19:00	5.4	295.7	18.81	11.54	73.67	72.65	74.8	69.58	0	13.51
9/28/2021 20:00	3.5	282	18.85	8.06	71.89	70.41	73.11	73.42	0	13.35
9/28/2021 21:00	3.0	287.9	16.82	6.824	70.1	69.12	71.12	77.39	0	13.24
9/28/2021 22:00	3.7	291.8	18.17	7.099	69.25	68.86	69.74	79.04	0	13.15

9/28/2021 23:00	2.7	318.8	11.75	4.672	67.59	66.22	68.95	82.8	0	13.06
9/29/2021 0:00	3.2	338.2	18.16	6.32	66.37	65.88	66.94	85.7	0	12.99
9/29/2021 1:00	0.7	34.43	26.23	5.084	64.28	63.08	65.91	90.1	0	12.95
9/29/2021 2:00	0.3	356.6	20.03	2.885	62.14	61.78	63.11	90.9	0	12.95
9/29/2021 3:00	0.8	350.4	14.98	3.435	61.35	61.02	61.88	89.2	0	12.96
9/29/2021 4:00	0.5	355	21.76	4.03	60.01	59.2	61.05	89.7	0	12.95
9/29/2021 5:00	1.4	354.1	19.76	4.672	58.72	58.36	59.21	91.3	0	12.93
9/29/2021 6:00	2.1	353.7	25.65	5.679	58.08	57.84	58.41	86.4	0	12.91
9/29/2021 7:00	2.1	352.3	24.45	7.557	57.2	56.48	57.87	83	0	12.89
9/29/2021 8:00	2.8	351.8	24.62	8.79	56.07	55.62	56.48	79.38	0	12.88
9/29/2021 9:00	2.5	351.8	25.09	8.24	56.51	55.6	58.86	76.83	0	13.11
9/29/2021 10:00	2.9	18.51	40.49	8.89	60.09	57.8	61.54	65.57	0	13.78
9/29/2021 11:00	3.4	38.4	39.02	9.43	62.48	61.37	63.53	52.98	0	13.73
9/29/2021 12:00	3.1	32.6	54.42	9.07	64.53	63.41	65.98	50.24	0	13.7
9/29/2021 13:00	3.3	6.916	42.21	8.93	66.06	64.92	67.38	47.14	0	13.67
9/29/2021 14:00	4.8	334.9	34.49	11.22	67.42	66.63	68.24	44.43	0	13.67
9/29/2021 15:00	4.5	335.1	37.06	11.86	68.49	67.96	69.32	41.61	0	13.64
9/29/2021 16:00	4.5	333	36.75	11.5	69.14	68.52	69.66	42.04	0	13.63
9/29/2021 17:00	3.7	309	44.43	10.03	69.71	69.23	70.24	45.13	0	13.63
9/29/2021 18:00	3.4	333.9	26.3	7.557	69.23	68.48	70.42	46.69	0	13.63
9/29/2021 19:00	1.4	358.2	30.7	4.992	66.49	63.77	68.59	52.49	0	13.59
9/29/2021 20:00	1.1	34.46	11.28	2.656	62.49	60.87	63.78	60.24	0	13.44
9/29/2021 21:00	1.4	27.76	14.42	3.298	56.57	54.29	60.87	86.4	0	13.33
9/29/2021 22:00	1.6	30.62	33.76	2.931	54.49	52.17	56.47	91.4	0	13.24
9/29/2021 23:00	0.7	9.22	16.57	2.29	54.62	52.29	55.99	87.9	0	13.16
9/30/2021 0:00	1.1	42.12	7.809	2.565	53.77	52.67	55.97	89	0	13.08
9/30/2021 1:00	1.4	16.28	29.02	3.114	51.24	49.7	52.98	96.3	0	13.01
9/30/2021 2:00	0.6	23.96	22.77	2.29	52.33	50.25	53.09	93.8	0	12.95
9/30/2021 3:00	1.3	26.46	13.08	3.069	52.07	51.14	52.67	93	0	12.93
9/30/2021 4:00	0.7	7.331	20.71	2.382	51.61	51.19	52.51	91.9	0	12.94
9/30/2021 5:00	0.6	355.7	15.6	2.29	52.94	52.08	53.86	88.3	0	12.94
9/30/2021 6:00	0.4	337.2	7.484	2.519	51.41	50.3	52.31	92.3	0	12.93
9/30/2021 7:00	1.5	330	12.9	4.305	51.55	50.68	52.69	91.4	0	12.91
9/30/2021 8:00	1.8	327.8	13.9	3.801	51.96	50.93	53.3	90.6	0	12.92
9/30/2021 9:00	3.0	325.2	11.97	5.633	55.89	53.3	58.64	83.8	0	13.88
9/30/2021 10:00	3.1	320.4	17.97	6.412	61.09	58.66	64.1	71.32	0	13.79
9/30/2021 11:00	4.1	313	23.15	9.11	65.41	64.11	67	57.77	0	13.71
9/30/2021 12:00	5.1	313	30.09	10.85	68.26	66.86	69.47	53.69	0	13.67
9/30/2021 13:00	5.7	314.5	27.88	13.97	69.49	67.7	70.48	50.96	0	13.64
9/30/2021 14:00	6.0	322.5	25.19	12.09	69.58	68.28	71.13	50.62	0	13.64
9/30/2021 15:00	6.0	325.8	31.26	13.83	71.33	70.7	71.82	48.25	0	13.61
9/30/2021 16:00	3.8	342.9	39.04	10.81	71.47	70.47	71.99	47.51	0	13.61
9/30/2021 17:00	3.9	330.7	35.8	10.99	71.17	69.91	72.26	47.98	0	13.61
9/30/2021 18:00	3.3	349.2	27.08	9.3	69.97	68.78	71.24	48.17	0	13.61
9/30/2021 19:00	1.5	2.743	27.05	5.084	66.83	64.16	68.82	53.64	0	13.57
9/30/2021 20:00	0.6	32.07	16.72	3.206	61.87	60.27	64.14	68.46	0	13.43
9/30/2021 21:00	0.6	44.97	16.11	3.114	59.32	58.45	60.27	73.95	0	13.32
9/30/2021 22:00	0.4	30.54	10.98	2.931	58.18	57.9	58.84	76.16	0	13.23

9/30/2021 23:00

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