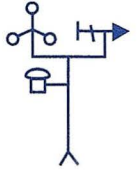




TECHNICAL ENVIRONMENTAL SERVICES, LLC



December 10, 2024

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 November 2024. All the instrumentation functioned normally during the period. Data recovery for all the parameters was near 100%. The Gude meteorological site had a precipitation total of 1.94 inches during November 2024.. The nearby tree canopy is having some effect on the wind direction (wind rose) and the monthly rainfall.

Attached is a wind rose for November 2024 and a table showing the data collection percentage for each parameter in 2024.

If you have any questions, please call, or e-mail them to me.

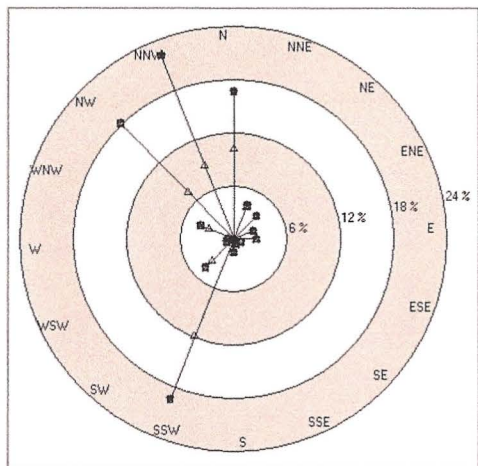
Best regards,

Mark Abrams
President - TES

GUDE DRIVE METEOROLOGICAL TOWER
DATA RECOVERY
JANUARY – NOVEMBER 2024

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

Run Date: 12/10/2024 10:23:27



WIND ROSE

(WINDS FROM)

N



34.03% PERCENT CALMS
(NOT INCLUDED IN PLOT)

Start Date: 11/1/2024 00:00

End Date: 11/30/2024 23:00

Sensors Selected

3M_WS
3M_WD

Legend

- △ WIND SPEED LESS THAN 3.5 MPH
- ★ WIND SPEED LESS THAN 7.5 MPH
- WIND SPEED LESS THAN 12.5 MPH
- ✖ WIND SPEED GREATER THAN 12.5 MPH

Date Time	3M_WS	Code	Max	3M_WD	Code	StDev	2M_TE	Code	2M_RH	Code	PRECIP	Code
11/1/2024 0:00	4.6	0	11.1	209	0	2.6	71.4	0	602	0	0	0
11/1/2024 1:00	4.6	0	10.8	211	0	2.9	70.8	0	609	0	0	0
11/1/2024 2:00	4.5	0	11.7	212	0	2.3	69.8	0	627	0	0	0
11/1/2024 3:00	4	0	8.8	212	0	2.3	68.7	0	649	0	0	0
11/1/2024 4:00	3.9	0	8.9	212	0	2.2	67.8	0	665	0	0	0
11/1/2024 5:00	3.9	0	9.4	207	0	2.3	67.6	0	672	0	0	0
11/1/2024 6:00	4.1	0	8.5	207	0	2.3	67.4	0	684	0	0	0
11/1/2024 7:00	2.8	0	7.1	209	0	2	65.8	0	750	0	0	0
11/1/2024 8:00	2.1	0	5.5	208	0	2.8	65.7	0	752	0	0	0
11/1/2024 9:00	1.4	0	6.3	291	0	5.1	66.5	0	736	0	0	0
11/1/2024 10:00	2	0	6.7	238	0	5.6	67.4	0	718	0	0	0
11/1/2024 11:00	2.2	0	7.7	263	0	5.6	70.7	0	635	0	0	0
11/1/2024 12:00	3.7	0	12.8	300	0	5.5	74.4	0	532	0	0	0
11/1/2024 13:00	4.3	0	14.8	316	0	4.7	76.4	0	471	0	0	0
11/1/2024 14:00	6.9	0	15.8	318	0	4	78.1	0	394	0	0	0
11/1/2024 15:00	6	0	17.2	321	0	3.9	78.1	0	383	0	0	0
11/1/2024 16:00	5.7	0	13.7	332	0	3	77.2	0	394	0	0	0
11/1/2024 17:00	4.4	0	10.9	329	0	3.1	75.5	0	373	0	0	0
11/1/2024 18:00	3.1	0	7.8	327	0	3.1	73.1	0	372	0	0	0
11/1/2024 19:00	0.9	0	6.3	319	0	2.2	70	0	388	0	0	0
11/1/2024 20:00	0.3	0	4.2	337	0	1.9	65.6	0	354	0	0	0
11/1/2024 21:00	0.1	4	3.6	8	0	0.9	61.3	0	361	0	0	0
11/1/2024 22:00	0.4	0	4.9	21	0	1.3	59.3	0	409	0	0	0
11/1/2024 23:00	1.2	0	7.9	16	0	2.3	57.8	0	451	0	0	0
11/2/2024 0:00	1	0	5.4	26	0	2.1	55.9	0	483	0	0	0
11/2/2024 1:00	0.1	4	3.6	33	0	0.9	52.8	0	549	0	0	0
11/2/2024 2:00	0.5	0	5	19	0	2.2	51.1	0	594	0	0	0
11/2/2024 3:00	0.8	0	5.1	18	0	1.9	50.3	0	613	0	0	0
11/2/2024 4:00	1	0	6	8	0	2.3	49	0	647	0	0	0
11/2/2024 5:00	0.5	0	3.7	337	0	1.5	48.2	0	665	0	0	0
11/2/2024 6:00	0	4	2.8	357	0	0.5	46.2	0	716	0	0	0
11/2/2024 7:00	0.1	4	4	360	0	1	44.4	0	764	0	0	0
11/2/2024 8:00	1.2	0	4.2	348	0	2.5	47.2	0	689	0	0	0
11/2/2024 9:00	3	0	8.8	347	0	3.3	49.4	0	641	0	0	0
11/2/2024 10:00	2.8	0	10.6	356	0	3.8	52.7	0	571	0	0	0
11/2/2024 11:00	2.6	0	8.2	360	0	3.5	55.7	0	516	0	0	0
11/2/2024 12:00	3.4	0	9.6	341	0	4	57.5	0	484	0	0	0
11/2/2024 13:00	3.1	0	9.7	338	0	3.7	59.7	0	446	0	0	0
11/2/2024 14:00	3	0	11.1	337	0	4.3	61.3	0	402	0	0	0
11/2/2024 15:00	2.6	0	9.5	348	0	4	62.9	0	374	0	0	0
11/2/2024 16:00	1.5	0	6.4	356	0	3.4	63.9	0	368	0	0	0
11/2/2024 17:00	1.5	0	5.1	4	0	2.6	61.5	0	390	0	0	0
11/2/2024 18:00	0.2	4	3.5	14	0	0.6	56.8	0	472	0	0	0

11/2/2024 19:00	0	4	0	0	0	0	50.8	0	605	0	0	0
11/2/2024 20:00	0	4	0	0	0	0	47.2	0	691	0	0	0
11/2/2024 21:00	0	4	0	0	0	0	44.1	0	778	0	0	0
11/2/2024 22:00	0	4	0	0	0	0	42.3	0	815	0	0	0
11/2/2024 23:00	0	4	0	0	0	0	40.4	0	855	0	0	0
11/3/2024 0:00	0	4	0	0	0	0	39.2	0	875	0	0	0
11/3/2024 1:00	0	4	0	0	0	0	37.8	0	901	0	0	0
11/3/2024 2:00	0	4	0	0	0	0	36.6	0	919	0	0	0
11/3/2024 3:00	0	4	0	0	0	0	35.7	0	932	0	0	0
11/3/2024 4:00	0	4	0	0	0	0	36.1	0	906	0	0	0
11/3/2024 5:00	0	4	0	0	0	0	35.9	0	889	0	0	0
11/3/2024 6:00	0	4	0	0	0	0	34.6	0	916	0	0	0
11/3/2024 7:00	0	4	0	0	0	0	34	0	928	0	0	0
11/3/2024 8:00	0	4	0	0	0	0	35.7	0	916	0	0	0
11/3/2024 9:00	1	0	3.5	71	0	1.1	43.3	0	720	0	0	0
11/3/2024 10:00	2	0	4.8	86	0	1.5	48	0	549	0	0	0
11/3/2024 11:00	1.4	0	4.4	69	0	2.7	51.8	0	408	0	0	0
11/3/2024 12:00	1.1	0	4.7	297	0	7.2	55.1	0	371	0	0	0
11/3/2024 13:00	0.8	0	4.6	39	0	5.4	58.9	0	360	0	0	0
11/3/2024 14:00	1.1	0	3.8	47	0	6.5	60.5	0	346	0	0	0
11/3/2024 15:00	0.9	0	4	100	0	5.9	61.6	0	322	0	0	0
11/3/2024 16:00	0.3	4	3.1	104	0	3.2	61.7	0	286	0	0	0
11/3/2024 17:00	0	4	1.6	101	0	0.2	59.1	0	284	0	0	0
11/3/2024 18:00	0	4	0	0	0	0	53.7	0	333	0	0	0
11/3/2024 19:00	0	4	0	0	0	0	50.5	0	364	0	0	0
11/3/2024 20:00	0	4	0	0	0	0	47.3	0	438	0	0	0
11/3/2024 21:00	0	4	0	0	0	0	42.2	0	587	0	0	0
11/3/2024 22:00	0	4	0	0	0	0	39.3	0	665	0	0	0
11/3/2024 23:00	0	4	0	0	0	0	37.3	0	738	0	0	0
11/4/2024 0:00	0	4	0	0	0	0	36.4	0	781	0	0	0
11/4/2024 1:00	0	4	0	0	0	0	36.2	0	823	0	0	0
11/4/2024 2:00	0	4	0	0	0	0	36	0	862	0	0	0
11/4/2024 3:00	0	4	1.1	64	0	0	35.3	0	895	0	0	0
11/4/2024 4:00	0	4	1.4	51	0	0.3	35.2	0	922	0	0	0
11/4/2024 5:00	0	4	1.7	50	0	0.4	34.8	0	944	0	0	0
11/4/2024 6:00	0	4	1.1	32	0	0	34.2	0	948	0	0	0
11/4/2024 7:00	0.1	4	1.2	34	0	0.1	34.2	0	958	0	0	0
11/4/2024 8:00	0.1	4	1.2	17	0	0.5	37.5	0	971	0	0	0
11/4/2024 9:00	0.4	4	2.4	78	0	1.3	44	0	910	0	0	0
11/4/2024 10:00	0.2	4	2.5	58	0	4.5	50.3	0	793	0	0	0
11/4/2024 11:00	2.5	0	8.2	198	0	4.4	55.5	0	666	0	0	0
11/4/2024 12:00	2	0	6.9	198	0	3.7	56.7	0	629	0	0	0
11/4/2024 13:00	2.1	0	10	196	0	3.6	58.7	0	593	0	0	0
11/4/2024 14:00	3.2	0	8.8	202	0	3.1	59.5	0	573	0	0	0

11/4/2024 15:00	2.9	0	10.1	196	0	3.4	59.9	0	556	0	0	0
11/4/2024 16:00	2.6	0	8.7	199	0	2.9	60	0	564	0	0	0
11/4/2024 17:00	2.7	0	7.7	200	0	2.6	59.3	0	590	0	0	0
11/4/2024 18:00	1	0	4.7	198	0	1.5	57.3	0	643	0	0	0
11/4/2024 19:00	0.3	4	3.6	194	0	0.7	55.4	0	702	0	0	0
11/4/2024 20:00	0.2	4	2.5	185	0	0.6	56.7	0	707	0	0	0
11/4/2024 21:00	0	4	0	0	0	0	55.8	0	762	0	0	0
11/4/2024 22:00	0	4	1.6	190	0	0.3	55.5	0	775	0	0	0
11/4/2024 23:00	0.1	4	2.6	184	0	1.1	55.7	0	783	0	0	0
11/5/2024 0:00	0.1	4	4.9	198	0	2.2	55.7	0	828	0	0	0
11/5/2024 1:00	1.7	0	4.3	196	0	1.9	55	0	866	0	0	0
11/5/2024 2:00	2.2	0	6	196	0	1.9	54	0	904	0	0	0
11/5/2024 3:00	2	0	5.8	196	0	2.1	53.5	0	928	0	0	0
11/5/2024 4:00	1.7	0	5.2	197	0	2.1	53.7	0	915	0	0	0
11/5/2024 5:00	1.6	0	5	198	0	2	53.5	0	907	0	0	0
11/5/2024 6:00	1.2	0	4	196	0	1.8	53.1	0	926	0	0	0
11/5/2024 7:00	0	4	2.4	193	0	0.4	51.6	0	937	0	0	0
11/5/2024 8:00	0.1	4	1.7	244	0	1.6	52.9	0	958	0	0	0
11/5/2024 9:00	1.4	0	5.7	221	0	3.8	56.8	0	897	0	0	0
11/5/2024 10:00	2.8	0	6.9	213	0	2.7	61.2	0	808	0	0	0
11/5/2024 11:00	3.7	0	9.6	222	0	3.8	67.3	0	709	0	0	0
11/5/2024 12:00	4.6	0	10.7	211	0	3	71.2	0	644	0	0	0
11/5/2024 13:00	5	0	11.7	204	0	2.9	74.1	0	585	0	0	0
11/5/2024 14:00	4.5	0	11.9	198	0	3	75.9	0	547	0	0	0
11/5/2024 15:00	4.3	0	12.1	196	0	2.9	75.9	0	556	0	0	0
11/5/2024 16:00	4	0	10	199	0	2.9	75.8	0	565	0	0	0
11/5/2024 17:00	4	0	11.3	197	0	2.4	73.8	0	600	0	0	0
11/5/2024 18:00	2.8	0	8.8	195	0	2.3	71.6	0	637	0	0	0
11/5/2024 19:00	1.7	0	5.4	189	0	2.2	70.1	0	667	0	0	0
11/5/2024 20:00	1.8	0	4.4	192	0	1.9	68.6	0	701	0	0	0
11/5/2024 21:00	2.2	0	6.8	194	0	2.2	68.1	0	714	0	0	0
11/5/2024 22:00	2.9	0	8.3	197	0	2.3	68.3	0	699	0	0	0
11/5/2024 23:00	3.2	0	8.1	198	0	2.4	67.9	0	703	0	0	0
11/6/2024 0:00	2.8	0	7.4	198	0	2.3	66.3	0	739	0	0	0
11/6/2024 1:00	4.1	0	10.4	201	0	2.5	66.2	0	747	0	0	0
11/6/2024 2:00	3.7	0	9	204	0	2.3	65.2	0	769	0	0	0
11/6/2024 3:00	3.6	0	11.3	199	0	2.2	64.2	0	788	0	0	0
11/6/2024 4:00	2.2	0	6.7	194	0	2.4	63	0	815	0	0	0
11/6/2024 5:00	3.1	0	7.8	198	0	2.3	61.8	0	855	0	0	0
11/6/2024 6:00	2.9	0	7.2	197	0	2.2	61.2	0	884	0	0	0
11/6/2024 7:00	0.7	0	4.2	198	0	1.6	59.9	0	914	0	0	0
11/6/2024 8:00	1	0	4.1	200	0	1.7	60.3	0	921	0	0	0
11/6/2024 9:00	2.8	0	6.5	201	0	2.6	63.7	0	860	0	0	0
11/6/2024 10:00	3.9	0	10.6	211	0	2.8	68.8	0	752	0	0	0

11/6/2024 11:00	4.4	0	10.8	214	0	3	73.7	0	645	0	0	0
11/6/2024 12:00	3.8	0	9.7	215	0	3.9	77.3	0	573	0	0	0
11/6/2024 13:00	3.5	0	9.5	221	0	4.3	80.1	0	515	0	0	0
11/6/2024 14:00	3.7	0	10.6	213	0	3.7	80.7	0	510	0	0	0
11/6/2024 15:00	3.9	0	9.9	213	0	2.9	80.9	0	513	0	0	0
11/6/2024 16:00	3	0	7.5	211	0	3.9	80.9	0	516	0	0	0
11/6/2024 17:00	1.7	0	6.7	219	0	3.6	79.9	0	543	0	0	0
11/6/2024 18:00	1.1	0	5.3	204	0	2.4	77.9	0	586	0	0	0
11/6/2024 19:00	0	4	0	0	0	0	73.7	0	678	0	0	0
11/6/2024 20:00	0	4	0	0	0	0	70.7	0	747	0	0	0
11/6/2024 21:00	0.2	4	3	332	0	0.8	71.8	0	734	0	0	0
11/6/2024 22:00	0.7	0	4	214	0	4.1	74	0	697	0	0	0
11/6/2024 23:00	0.2	4	2.6	189	0	1.2	72.2	0	738	0	0	0
11/7/2024 0:00	0	4	0	0	0	0	69.5	0	799	0	0	0
11/7/2024 1:00	0	4	0	0	0	0	67.2	0	846	0	0	0
11/7/2024 2:00	0.1	4	2.2	197	0	2.3	67.7	0	842	0	0	0
11/7/2024 3:00	0	4	0	0	0	0	64.1	0	906	0	0	0
11/7/2024 4:00	0	4	0	0	0	0	62	0	942	0	0	0
11/7/2024 5:00	0	4	0	0	0	0	61.3	0	952	0	0	0
11/7/2024 6:00	0	4	0	0	0	0	60.2	0	962	0	0	0
11/7/2024 7:00	0	4	0	0	0	0	60.8	0	956	0	0	0
11/7/2024 8:00	0	4	1.4	321	0	1.3	63.8	0	908	0	0	0
11/7/2024 9:00	1	0	6.3	328	0	2.8	68.7	0	795	0	0	0
11/7/2024 10:00	2.4	0	7.1	5	0	3.1	73.2	0	674	0	0	0
11/7/2024 11:00	3	0	9.7	10	0	3.5	75.2	0	604	0	0	0
11/7/2024 12:00	3.8	0	9.4	346	0	3.5	76.6	0	562	0	0	0
11/7/2024 13:00	3.5	0	12	348	0	4	77.1	0	545	0	0	0
11/7/2024 14:00	3.5	0	8.9	345	0	3.4	75.7	0	548	0	0	0
11/7/2024 15:00	2.9	0	8.3	6	0	3.3	75.5	0	541	0	0	0
11/7/2024 16:00	2.7	0	8	6	0	3.3	75	0	537	0	0	0
11/7/2024 17:00	2.8	0	9.1	9	0	3.1	72.6	0	555	0	0	0
11/7/2024 18:00	0.6	0	5	9	0	2	69.3	0	577	0	0	0
11/7/2024 19:00	0.5	0	4.1	24	0	1.1	66.8	0	603	0	0	0
11/7/2024 20:00	0.7	0	4.9	16	0	1.6	65.3	0	585	0	0	0
11/7/2024 21:00	0.5	0	2.8	22	0	1.1	63.3	0	596	0	0	0
11/7/2024 22:00	0.1	4	2.1	35	0	0.2	59.9	0	657	0	0	0
11/7/2024 23:00	0	4	1.6	4	0	0.3	56.4	0	722	0	0	0
11/8/2024 0:00	0.1	4	1.5	57	0	0.2	53.6	0	794	0	0	0
11/8/2024 1:00	0.1	4	1.7	60	0	0.3	52.3	0	823	0	0	0
11/8/2024 2:00	0.1	4	1.1	51	0	1	53.2	0	821	0	0	0
11/8/2024 3:00	0	4	0	0	0	0	52.3	0	839	0	0	0
11/8/2024 4:00	0	4	0	0	0	0	52.1	0	853	0	0	0
11/8/2024 5:00	0	4	0	0	0	0	51.4	0	867	0	0	0
11/8/2024 6:00	0	4	0	0	0	0	49.4	0	900	0	0	0

11/8/2024 7:00	0	4	0	0	0	0	49.6	0	867	0	0	0
11/8/2024 8:00	0.3	4	2.4	75	0	0.3	51	0	825	0	0	0
11/8/2024 9:00	1.9	0	8	4	0	2.8	56.7	0	665	0	0	0
11/8/2024 10:00	4.4	0	12.1	345	0	3.5	60.9	0	560	0	0	0
11/8/2024 11:00	4.1	0	11.4	344	0	3.5	63.4	0	482	0	0	0
11/8/2024 12:00	3.9	0	9.8	349	0	4	65.9	0	416	0	0	0
11/8/2024 13:00	4.5	0	12.4	329	0	3.5	67.1	0	371	0	0	0
11/8/2024 14:00	5.3	0	10.8	337	0	3.5	68.5	0	341	0	0	0
11/8/2024 15:00	4.7	0	13.8	337	0	3.4	70	0	297	0	0	0
11/8/2024 16:00	4.4	0	11.8	326	0	3.5	70.5	0	275	0	0	0
11/8/2024 17:00	3.7	0	11.2	321	0	4.3	69.1	0	254	0	0	0
11/8/2024 18:00	0.8	0	6.5	289	0	4.5	66.4	0	280	0	0	0
11/8/2024 19:00	0.6	0	5.5	329	0	3.1	64.2	0	304	0	0	0
11/8/2024 20:00	1.6	0	6.2	335	0	3.8	64	0	287	0	0	0
11/8/2024 21:00	2.8	0	14.1	349	0	3.9	63.2	0	301	0	0	0
11/8/2024 22:00	4.1	0	11.2	346	0	3.3	62.6	0	308	0	0	0
11/8/2024 23:00	2.9	0	8.8	9	0	2.7	60.7	0	334	0	0	0
11/9/2024 0:00	3.2	0	12.4	13	0	2.8	58.8	0	355	0	0	0
11/9/2024 1:00	3.2	0	11.9	13	0	3.1	55.9	0	456	0	0	0
11/9/2024 2:00	2.5	0	9.1	11	0	3	53.9	0	481	0	0	0
11/9/2024 3:00	1.3	0	4.8	13	0	2.2	52.2	0	507	0	0	0
11/9/2024 4:00	0.2	4	4	8	0	0.7	49.3	0	562	0	0	0
11/9/2024 5:00	0.2	4	2.8	19	0	0.7	47.6	0	591	0	0	0
11/9/2024 6:00	0.2	4	2.2	60	0	1	46.7	0	603	0	0	0
11/9/2024 7:00	0.3	4	2.8	48	0	1.6	45.4	0	593	0	0	0
11/9/2024 8:00	0.9	0	3.5	70	0	1.2	44.9	0	570	0	0	0
11/9/2024 9:00	2.1	0	6.5	56	0	2.5	46.6	0	468	0	0	0
11/9/2024 10:00	2.3	0	5.8	61	0	2.7	49	0	407	0	0	0
11/9/2024 11:00	2.2	0	6.7	49	0	3.1	51.7	0	332	0	0	0
11/9/2024 12:00	1.8	0	5.1	62	0	2.9	54.2	0	299	0	0	0
11/9/2024 13:00	1.6	0	4.5	55	0	4.6	56.6	0	273	0	0	0
11/9/2024 14:00	1.3	0	4.5	162	0	8.7	58.2	0	252	0	0	0
11/9/2024 15:00	0.9	0	3.3	91	0	5.8	59.5	0	240	0	0	0
11/9/2024 16:00	0.5	0	3.3	80	0	3.1	60.2	0	244	0	0	0
11/9/2024 17:00	0	4	0	0	0	0	56.1	0	276	0	0	0
11/9/2024 18:00	0	4	0	0	0	0	51.7	0	354	0	0	0
11/9/2024 19:00	0	4	0	0	0	0	46.2	0	479	0	0	0
11/9/2024 20:00	0	4	0	0	0	0	43.7	0	543	0	0	0
11/9/2024 21:00	0	4	0	0	0	0	40.5	0	639	0	0	0
11/9/2024 22:00	0	4	0	0	0	0	39	0	671	0	0	0
11/9/2024 23:00	0	4	0	0	0	0	36.8	0	749	0	0	0
11/10/2024 0:00	0	4	0	0	0	0	35.4	0	803	0	0	0
11/10/2024 1:00	0	4	0	0	0	0	34.9	0	822	0	0	0
11/10/2024 2:00	0	4	0	0	0	0	35.2	0	825	0	0	0

11/10/2024 3:00	0	4	0	0	0	0	36	0	849	0	0	0
11/10/2024 4:00	0	4	0	0	0	0	37.1	0	839	0	0	0
11/10/2024 5:00	0	4	0	0	0	0	37.1	0	844	0	0	0
11/10/2024 6:00	0	4	0	0	0	0	37.8	0	864	0	0	0
11/10/2024 7:00	0.9	0	4.4	197	0	1.7	42.1	0	713	0	0	0
11/10/2024 8:00	1.6	0	5.2	198	0	2.1	45.1	0	602	0	0	0
11/10/2024 9:00	2.8	0	7.3	202	0	2.4	47	0	587	0	0	0
11/10/2024 10:00	3.5	0	7.5	200	0	2.2	49	0	580	0	0	0
11/10/2024 11:00	4.4	0	10.2	206	0	2.5	51	0	567	0	0	0
11/10/2024 12:00	4.2	0	11.3	200	0	3	53	0	564	0	0	0
11/10/2024 13:00	3.9	0	10	203	0	2.7	54.2	0	554	0	0	0
11/10/2024 14:00	3.7	0	9.8	194	0	3	56.8	0	503	0	0	0
11/10/2024 15:00	4	0	12.8	195	0	2.6	57.1	0	504	0	0	0
11/10/2024 16:00	4.2	0	10	196	0	2.8	57.2	0	528	0	0	0
11/10/2024 17:00	4.2	0	10.7	197	0	2.6	56.7	0	612	0	0	0
11/10/2024 18:00	3.8	0	10.2	205	0	2.3	55.2	0	725	0	0	0
11/10/2024 19:00	4	0	9.6	209	0	2.2	53.2	0	874	0	0.19	0
11/10/2024 20:00	3.5	0	10.6	202	0	2.5	51.9	0	956	0	0.04	0
11/10/2024 21:00	3	0	8.1	202	0	2.6	52.2	0	964	0	0.02	0
11/10/2024 22:00	3.6	0	8.2	210	0	2.4	53	0	963	0	0.03	0
11/10/2024 23:00	4.1	0	8.2	210	0	2.1	53.8	0	952	0	0	0
11/11/2024 0:00	4.4	0	11	208	0	2.2	55.1	0	939	0	0	0
11/11/2024 1:00	2.5	0	7.9	226	0	4.1	56.4	0	942	0	0.13	0
11/11/2024 2:00	3.1	0	10.2	214	0	2.5	56.2	0	968	0	0.04	0
11/11/2024 3:00	4.5	0	9.2	211	0	2	57.3	0	953	0	0.01	0
11/11/2024 4:00	4.2	0	9.3	214	0	2.6	57.8	0	948	0	0	0
11/11/2024 5:00	3	0	9.7	220	0	3.6	58	0	938	0	0	0
11/11/2024 6:00	2.9	0	7.7	236	0	5.1	57.8	0	938	0	0	0
11/11/2024 7:00	1.9	0	5.4	215	0	3.3	57.5	0	943	0	0	0
11/11/2024 8:00	1.3	0	6.2	208	0	2	56.9	0	953	0	0	0
11/11/2024 9:00	3.2	0	9.6	215	0	3.6	58.3	0	923	0	0	0
11/11/2024 10:00	2.1	0	7.1	253	0	5.2	60.5	0	875	0	0	0
11/11/2024 11:00	2.3	0	6.6	243	0	5.1	64.9	0	762	0	0	0
11/11/2024 12:00	3.2	0	10.4	304	0	4.9	69.2	0	621	0	0	0
11/11/2024 13:00	4.9	0	13.5	307	0	5.1	71.9	0	511	0	0	0
11/11/2024 14:00	5.7	0	16.1	323	0	3.7	73	0	428	0	0	0
11/11/2024 15:00	4.6	0	12.6	326	0	3.7	73.6	0	416	0	0	0
11/11/2024 16:00	3.7	0	9.1	320	0	3.8	73.9	0	367	0	0	0
11/11/2024 17:00	2.3	0	7.7	323	0	2.4	72.2	0	375	0	0	0
11/11/2024 18:00	0.2	4	2.8	346	0	0.7	66.8	0	456	0	0	0
11/11/2024 19:00	0.8	0	5.2	341	0	1.7	66.1	0	405	0	0	0
11/11/2024 20:00	2.3	0	8.1	344	0	2.8	65.2	0	383	0	0	0
11/11/2024 21:00	2.8	0	9.9	348	0	2.9	64	0	425	0	0	0
11/11/2024 22:00	3.6	0	12.4	342	0	3.3	63.2	0	458	0	0	0

11/11/2024 23:00	2.1	0	8.1	327	0	2.9	61.8	0	489	0	0	0
11/12/2024 0:00	4.1	0	15.1	338	0	3.5	61.6	0	475	0	0	0
11/12/2024 1:00	4.7	0	14.3	356	0	3.2	60.7	0	426	0	0	0
11/12/2024 2:00	3.1	0	8.6	346	0	2.8	59.2	0	448	0	0	0
11/12/2024 3:00	1.6	0	9	329	0	2.2	58.3	0	470	0	0	0
11/12/2024 4:00	3.4	0	11.8	352	0	3	58	0	490	0	0	0
11/12/2024 5:00	3.5	0	10.5	3	0	2.9	56.6	0	508	0	0	0
11/12/2024 6:00	2.1	0	11.1	20	0	3.3	54	0	574	0	0	0
11/12/2024 7:00	2.1	0	7.6	18	0	2.9	51.5	0	563	0	0	0
11/12/2024 8:00	2.3	0	10.6	3	0	3.4	50.3	0	553	0	0	0
11/12/2024 9:00	4.3	0	13.2	359	0	3.2	51.8	0	508	0	0	0
11/12/2024 10:00	4.8	0	13.1	360	0	3.4	53.4	0	489	0	0	0
11/12/2024 11:00	5	0	14.1	358	0	3.6	55.5	0	463	0	0	0
11/12/2024 12:00	3.7	0	11.8	19	0	3.8	57.5	0	439	0	0	0
11/12/2024 13:00	2.7	0	9.1	35	0	3.7	58.9	0	404	0	0	0
11/12/2024 14:00	3.3	0	11.5	23	0	3.7	59.2	0	380	0	0	0
11/12/2024 15:00	3.2	0	10.9	40	0	3.3	58.3	0	366	0	0	0
11/12/2024 16:00	2.6	0	9.1	42	0	3.6	57.3	0	378	0	0	0
11/12/2024 17:00	2.4	0	7.3	49	0	3.1	53.5	0	388	0	0	0
11/12/2024 18:00	1.3	0	5.6	53	0	2.5	50.2	0	434	0	0	0
11/12/2024 19:00	0.5	0	4.3	42	0	2	48	0	462	0	0	0
11/12/2024 20:00	0.8	0	4.4	54	0	2	46.5	0	458	0	0	0
11/12/2024 21:00	0.7	0	4.5	66	0	1.5	44.8	0	454	0	0	0
11/12/2024 22:00	0.3	4	3.9	46	0	1.5	43	0	463	0	0	0
11/12/2024 23:00	0.9	0	5.1	54	0	1.9	42.2	0	481	0	0	0
11/13/2024 0:00	0.2	4	3.4	47	0	1.2	40.1	0	532	0	0	0
11/13/2024 1:00	0.2	4	2.7	57	0	1	38.2	0	578	0	0	0
11/13/2024 2:00	0.2	4	2.7	77	0	2.8	36.4	0	629	0	0	0
11/13/2024 3:00	0	4	0	0	0	0	33.9	0	697	0	0	0
11/13/2024 4:00	0	4	1.7	43	0	0.1	32.5	0	745	0	0	0
11/13/2024 5:00	0.1	4	1.3	23	0	0.7	30.6	0	797	0	0	0
11/13/2024 6:00	0	4	1.6	28	0	0.1	29.5	0	835	0	0	0
11/13/2024 7:00	0	4	0	0	0	0	28.8	0	861	0	0	0
11/13/2024 8:00	0	4	1.6	37	0	0.5	29.5	0	866	0	0	0
11/13/2024 9:00	0.5	0	3.3	54	0	1.4	35.8	0	699	0	0	0
11/13/2024 10:00	1.1	0	3.4	74	0	2.2	40.4	0	558	0	0	0
11/13/2024 11:00	1	0	4.3	74	0	3.1	44	0	466	0	0	0
11/13/2024 12:00	1	0	4.4	93	0	5.7	46.7	0	410	0	0	0
11/13/2024 13:00	0.9	0	4.1	58	0	4	49	0	372	0	0	0
11/13/2024 14:00	0.9	0	4	44	0	3.9	50.7	0	350	0	0	0
11/13/2024 15:00	0.1	4	2.8	37	0	0.7	52	0	326	0	0	0
11/13/2024 16:00	0.4	4	3.4	76	0	1	51.8	0	321	0	0	0
11/13/2024 17:00	0.1	4	2.1	84	0	0.2	49.6	0	347	0	0	0
11/13/2024 18:00	0	4	0	0	0	0	45.4	0	398	0	0	0

11/13/2024 19:00	0	4	0	0	0	0	42.8	0	462	0	0	0
11/13/2024 20:00	0	4	0	0	0	0	40.2	0	503	0	0	0
11/13/2024 21:00	0	4	0	0	0	0	35.8	0	634	0	0	0
11/13/2024 22:00	0	4	0	0	0	0	33.2	0	717	0	0	0
11/13/2024 23:00	0	4	0	0	0	0	31.9	0	757	0	0	0
11/14/2024 0:00	0	4	0	0	0	0	31.5	0	807	0	0	0
11/14/2024 1:00	0	4	0.6	358	0	0.1	34	0	804	0	0	0
11/14/2024 2:00	0	4	0	0	0	0	36.2	0	786	0	0	0
11/14/2024 3:00	0	4	0	0	0	0	35.7	0	813	0	0	0
11/14/2024 4:00	0	4	0	0	0	0	34.3	0	842	0	0	0
11/14/2024 5:00	0	4	0	0	0	0	33	0	891	0	0	0
11/14/2024 6:00	0	4	0	0	0	0	34.9	0	865	0	0	0
11/14/2024 7:00	0	4	0	0	0	0	36.5	0	848	0	0	0
11/14/2024 8:00	0.1	4	1.8	94	0	0.2	39.2	0	804	0	0	0
11/14/2024 9:00	0.1	4	1.6	101	0	0.6	41.8	0	751	0	0	0
11/14/2024 10:00	0.1	4	3.3	103	0	0.4	43.8	0	703	0	0	0
11/14/2024 11:00	1.4	0	3.6	110	0	2.5	46.4	0	660	0	0	0
11/14/2024 12:00	0.9	0	3.1	101	0	1.4	47.3	0	649	0	0	0
11/14/2024 13:00	1.1	0	3.7	112	0	2.1	48.2	0	636	0	0	0
11/14/2024 14:00	0.9	0	6.1	117	0	3.3	49.1	0	619	0	0	0
11/14/2024 15:00	0.7	0	2.6	117	0	2.2	49.1	0	639	0	0	0
11/14/2024 16:00	0.2	4	2.4	130	0	1.5	49.2	0	678	0	0	0
11/14/2024 17:00	0	4	1.3	64	0	0.8	47.3	0	839	0	0.03	0
11/14/2024 18:00	0	4	0	0	0	0	45.9	0	924	0	0.03	0
11/14/2024 19:00	0	4	1.4	100	0	0.1	45.6	0	941	0	0.02	0
11/14/2024 20:00	0	4	2.2	103	0	0.3	45.4	0	948	0	0	0
11/14/2024 21:00	0	4	0	0	0	0	45.3	0	958	0	0.02	0
11/14/2024 22:00	0.1	4	2.1	83	0	0.2	45.2	0	972	0	0	0
11/14/2024 23:00	0	4	2.2	82	0	0.2	45.3	0	974	0	0	0
11/15/2024 0:00	1.2	0	3	87	0	0.8	45.1	0	970	0	0.01	0
11/15/2024 1:00	1.8	0	3.1	88	0	1.1	44.5	0	975	0	0.02	0
11/15/2024 2:00	1.8	0	3.3	86	0	1.1	43.9	0	975	0	0	0
11/15/2024 3:00	1.8	0	3.9	86	0	1.1	43.5	0	976	0	0.01	0
11/15/2024 4:00	1.3	0	3.1	79	0	1	43.3	0	981	0	0	0
11/15/2024 5:00	0.6	0	3.1	72	0	1	43.1	0	981	0	0	0
11/15/2024 6:00	0.2	4	2.5	54	0	1	42.9	0	980	0	0	0
11/15/2024 7:00	0.1	4	2.8	20	0	0.5	42.9	0	979	0	0	0
11/15/2024 8:00	0	4	1.4	37	0	0.3	43.2	0	977	0	0	0
11/15/2024 9:00	0.4	4	3.3	26	0	1.5	44.1	0	964	0	0	0
11/15/2024 10:00	1.1	0	4.3	359	0	3.5	45.6	0	921	0	0	0
11/15/2024 11:00	2.3	0	6.3	349	0	3.1	46.8	0	885	0	0	0
11/15/2024 12:00	2.5	0	8	346	0	3	47.7	0	874	0	0	0
11/15/2024 13:00	3.8	0	10	325	0	2.9	49.2	0	835	0	0	0
11/15/2024 14:00	3.8	0	8.8	337	0	3.3	50.4	0	803	0	0	0

11/15/2024 15:00	3.4	0	8.3	344	0	3.2	50.6	0	801	0	0	0
11/15/2024 16:00	2.7	0	7.1	346	0	3.3	50.5	0	804	0	0	0
11/15/2024 17:00	2.1	0	6.6	341	0	3.1	50.3	0	821	0	0	0
11/15/2024 18:00	1.5	0	4.7	323	0	2.1	49.6	0	851	0	0	0
11/15/2024 19:00	2.7	0	6.5	334	0	2.6	51.1	0	832	0	0	0
11/15/2024 20:00	0.8	0	4	6	0	1.8	50.8	0	846	0	0	0
11/15/2024 21:00	0.9	0	6.7	359	0	2	49.8	0	870	0	0	0
11/15/2024 22:00	2.6	0	8	359	0	3.1	51.3	0	833	0	0	0
11/15/2024 23:00	2.7	0	8.8	353	0	3	52.9	0	791	0	0	0
11/16/2024 0:00	3	0	9.5	356	0	3.3	53.9	0	756	0	0	0
11/16/2024 1:00	3.8	0	10.6	348	0	3.2	54.1	0	735	0	0	0
11/16/2024 2:00	3.4	0	10.6	349	0	3	53.3	0	743	0	0	0
11/16/2024 3:00	3.5	0	9.5	351	0	3	52.9	0	741	0	0	0
11/16/2024 4:00	3.8	0	11.2	340	0	2.9	53.6	0	713	0	0	0
11/16/2024 5:00	3.6	0	8.4	342	0	2.8	53.6	0	698	0	0	0
11/16/2024 6:00	3.6	0	9.2	350	0	3.1	53.5	0	696	0	0	0
11/16/2024 7:00	4.8	0	12.9	348	0	3.1	53.5	0	693	0	0	0
11/16/2024 8:00	4.2	0	12.5	3	0	3.5	53.6	0	654	0	0	0
11/16/2024 9:00	4.7	0	17.2	0	0	3.1	53.8	0	619	0	0	0
11/16/2024 10:00	5.1	0	16.3	3	0	3.3	54.3	0	569	0	0	0
11/16/2024 11:00	5.6	0	15.4	360	0	3.4	56	0	523	0	0	0
11/16/2024 12:00	4.9	0	13.7	5	0	3.6	57.7	0	493	0	0	0
11/16/2024 13:00	6	0	16.5	347	0	3.5	58.5	0	480	0	0	0
11/16/2024 14:00	5.2	0	14.3	354	0	3.5	58.7	0	464	0	0	0
11/16/2024 15:00	4.7	0	13	351	0	3.3	58.7	0	459	0	0	0
11/16/2024 16:00	4.3	0	12.2	2	0	3.3	58.8	0	456	0	0	0
11/16/2024 17:00	3.8	0	11.7	0	0	3	56.6	0	488	0	0	0
11/16/2024 18:00	2.8	0	7.5	6	0	2.8	54.3	0	530	0	0	0
11/16/2024 19:00	1.3	0	4.7	16	0	2.5	51.8	0	586	0	0	0
11/16/2024 20:00	0.5	0	4.9	22	0	1.8	49.5	0	632	0	0	0
11/16/2024 21:00	0.1	4	2.4	1	0	1.4	47.5	0	666	0	0	0
11/16/2024 22:00	0.2	4	2	12	0	0.6	45.1	0	722	0	0	0
11/16/2024 23:00	0.4	4	3.5	7	0	1.1	44.5	0	737	0	0	0
11/17/2024 0:00	0.4	4	3	10	0	1.3	43.9	0	741	0	0	0
11/17/2024 1:00	0.6	0	3.8	5	0	1.4	43.7	0	742	0	0	0
11/17/2024 2:00	0.5	0	2.7	1	0	1.1	42.7	0	769	0	0	0
11/17/2024 3:00	0.9	0	3.6	360	0	2.1	42.4	0	777	0	0	0
11/17/2024 4:00	0.8	0	4.6	11	0	1.6	41.3	0	803	0	0	0
11/17/2024 5:00	0.9	0	2.7	3	0	1.5	41.4	0	799	0	0	0
11/17/2024 6:00	0.2	4	2.5	7	0	0.8	40.2	0	828	0	0	0
11/17/2024 7:00	0.1	4	2.5	12	0	0.5	38.7	0	851	0	0	0
11/17/2024 8:00	0	4	0	0	0	0	36.2	0	920	0	0	0
11/17/2024 9:00	0.5	0	3.9	2	0	1.6	43.3	0	794	0	0	0
11/17/2024 10:00	1.3	0	5.1	350	0	3.3	48.1	0	649	0	0	0

11/17/2024 11:00	1	0	5.5	322	0	3.1	52.5	0	542	0	0	0
11/17/2024 12:00	2.1	0	6.1	336	0	3.3	54.1	0	500	0	0	0
11/17/2024 13:00	1.9	0	6.3	298	0	5.3	56.1	0	463	0	0	0
11/17/2024 14:00	2.3	0	6.4	280	0	5.8	57	0	430	0	0	0
11/17/2024 15:00	1.6	0	5	224	0	3.9	57.2	0	444	0	0	0
11/17/2024 16:00	1	0	4.4	282	0	4.5	56.9	0	464	0	0	0
11/17/2024 17:00	0.2	4	2.5	208	0	0.8	55.2	0	505	0	0	0
11/17/2024 18:00	0	4	0	0	0	0	50.5	0	619	0	0	0
11/17/2024 19:00	0	4	0	0	0	0	47.6	0	699	0	0	0
11/17/2024 20:00	0	4	0	0	0	0	45.2	0	753	0	0	0
11/17/2024 21:00	0	4	1.1	30	0	0	43.2	0	809	0	0	0
11/17/2024 22:00	0	4	0.8	65	0	0	41.2	0	845	0	0	0
11/17/2024 23:00	0	4	0	0	0	0	40.4	0	867	0	0	0
11/18/2024 0:00	0	4	0	0	0	0	39.5	0	892	0	0	0
11/18/2024 1:00	0	4	1.6	43	0	0.2	38.3	0	911	0	0	0
11/18/2024 2:00	0	4	0	0	0	0	37.8	0	923	0	0	0
11/18/2024 3:00	0.2	4	3.2	49	0	2	36.6	0	939	0	0	0
11/18/2024 4:00	0.5	0	3	54	0	1.1	36.4	0	949	0	0	0
11/18/2024 5:00	0	4	0	0	0	0	38.2	0	950	0	0	0
11/18/2024 6:00	0	4	0	0	0	0	39.9	0	942	0	0	0
11/18/2024 7:00	0.1	4	2.9	202	0	2.6	43.7	0	883	0	0	0
11/18/2024 8:00	0.3	4	2.3	52	0	3.6	44.3	0	867	0	0	0
11/18/2024 9:00	0.2	4	3	308	0	2.2	50.6	0	727	0	0	0
11/18/2024 10:00	2.2	0	5.8	335	0	3	56.5	0	607	0	0	0
11/18/2024 11:00	3.1	0	10.8	351	0	3.5	61.2	0	572	0	0	0
11/18/2024 12:00	4.1	0	9.3	343	0	2.9	64.5	0	555	0	0	0
11/18/2024 13:00	5.6	0	13.9	339	0	3	66.3	0	534	0	0	0
11/18/2024 14:00	4.3	0	10.3	352	0	3.6	67.9	0	512	0	0	0
11/18/2024 15:00	3.5	0	10.3	360	0	3.6	69	0	494	0	0	0
11/18/2024 16:00	3.7	0	11.3	352	0	3.3	68.5	0	499	0	0	0
11/18/2024 17:00	0.8	0	6.9	17	0	2.4	66.5	0	535	0	0	0
11/18/2024 18:00	0	4	0	0	0	0	60.8	0	646	0	0	0
11/18/2024 19:00	0	4	0	0	0	0	56.5	0	746	0	0	0
11/18/2024 20:00	0	4	0	0	0	0	54	0	807	0	0	0
11/18/2024 21:00	0	4	0	0	0	0	52.9	0	839	0	0	0
11/18/2024 22:00	0.3	4	2.2	64	0	0.2	52.7	0	840	0	0	0
11/18/2024 23:00	0	4	0	0	0	0	53.2	0	845	0	0	0
11/19/2024 0:00	0	4	0	0	0	0	53.4	0	841	0	0	0
11/19/2024 1:00	0	4	0	0	0	0	52.7	0	854	0	0	0
11/19/2024 2:00	0	4	0	0	0	0	51	0	886	0	0	0
11/19/2024 3:00	0	4	0	0	0	0	50.9	0	872	0	0	0
11/19/2024 4:00	0.1	4	1.6	62	0	0.1	49.4	0	897	0	0	0
11/19/2024 5:00	0.2	4	1.7	61	0	0.2	47.8	0	914	0	0	0
11/19/2024 6:00	0	4	1.4	60	0	0.2	47	0	913	0	0	0

11/19/2024 7:00	0.2	4	1.5	80	0	0.1	48	0	835	0	0	0
11/19/2024 8:00	0	4	0	0	0	0	47.2	0	851	0	0	0
11/19/2024 9:00	0	4	0	0	0	0	51.8	0	710	0	0	0
11/19/2024 10:00	0	4	2.1	76	0	0.1	54.8	0	564	0	0	0
11/19/2024 11:00	0.1	4	2.4	86	0	0.1	55.8	0	499	0	0	0
11/19/2024 12:00	0.6	0	3.8	220	0	1.7	56.8	0	466	0	0	0
11/19/2024 13:00	1.5	0	6.2	205	0	2	57.6	0	453	0	0	0
11/19/2024 14:00	1.5	0	5.7	207	0	1.9	58.3	0	471	0	0	0
11/19/2024 15:00	0.4	0	4.9	196	0	1.6	58.8	0	488	0	0	0
11/19/2024 16:00	0.1	4	3.3	197	0	0.5	58.9	0	502	0	0	0
11/19/2024 17:00	0	4	0	0	0	0	57.5	0	534	0	0	0
11/19/2024 18:00	0	4	0	0	0	0	56.2	0	569	0	0	0
11/19/2024 19:00	0	4	0	0	0	0	55.3	0	588	0	0	0
11/19/2024 20:00	0	4	0	0	0	0	54.7	0	588	0	0	0
11/19/2024 21:00	0	4	0	0	0	0	54.1	0	626	0	0	0
11/19/2024 22:00	0	4	0	0	0	0	52.2	0	741	0	0	0
11/19/2024 23:00	0	4	0	0	0	0	51.9	0	784	0	0	0
11/20/2024 0:00	0	4	0	0	0	0	51.6	0	809	0	0	0
11/20/2024 1:00	0	4	0	0	0	0	51.5	0	811	0	0	0
11/20/2024 2:00	0	4	0	0	0	0	51.5	0	831	0	0	0
11/20/2024 3:00	0	4	0	0	0	0	51.6	0	840	0	0	0
11/20/2024 4:00	0	4	0	0	0	0	51.4	0	832	0	0	0
11/20/2024 5:00	0	4	0	0	0	0	51.2	0	822	0	0	0
11/20/2024 6:00	0	4	0	0	0	0	49.7	0	859	0	0	0
11/20/2024 7:00	0	4	0	0	0	0	47.8	0	896	0	0	0
11/20/2024 8:00	0	4	0	0	0	0	46.3	0	933	0	0	0
11/20/2024 9:00	0	4	0	0	0	0	49	0	894	0	0	0
11/20/2024 10:00	0.5	0	4	170	0	3.5	55.4	0	728	0	0	0
11/20/2024 11:00	0.9	0	4.6	207	0	2.6	60.2	0	635	0	0	0
11/20/2024 12:00	1.3	0	6	205	0	1.8	60.8	0	634	0	0	0
11/20/2024 13:00	1.6	0	7.1	199	0	2.2	61.1	0	633	0	0	0
11/20/2024 14:00	0.9	0	5.3	195	0	2.1	62.2	0	632	0	0	0
11/20/2024 15:00	0.8	0	6.3	183	0	2.7	63.2	0	631	0	0	0
11/20/2024 16:00	0.6	0	6.5	166	0	3	63.2	0	639	0	0	0
11/20/2024 17:00	0.4	0	5	180	0	2	61.8	0	697	0	0	0
11/20/2024 18:00	0.2	4	4.3	182	0	1.6	60.4	0	746	0	0	0
11/20/2024 19:00	0.1	4	5	150	0	1.5	59.8	0	781	0	0	0
11/20/2024 20:00	0.4	0	6	164	0	2.7	59	0	846	0	0	0
11/20/2024 21:00	4	0	20.2	307	0	4.9	57.5	0	929	0	0.54	0
11/20/2024 22:00	6.9	0	18.2	347	0	3.1	50.5	0	806	0	0.03	0
11/20/2024 23:00	7.1	0	18.5	350	0	3.4	49.5	0	694	0	0	0
11/21/2024 0:00	5.4	0	16.3	359	0	3.4	46.7	0	778	0	0.03	0
11/21/2024 1:00	4.5	0	13.8	3	0	3.3	44.5	0	850	0	0.02	0
11/21/2024 2:00	2.9	0	9.1	2	0	3	43.9	0	769	0	0	0

11/21/2024 3:00	2.3	0	8.7	8	0	2.6	42.8	0	706	0	0	0
11/21/2024 4:00	2.3	0	8.1	4	0	2.7	42	0	657	0	0	0
11/21/2024 5:00	1.8	0	5.4	3	0	2.5	40.5	0	677	0	0	0
11/21/2024 6:00	0.5	0	4.9	352	0	1.6	39.2	0	712	0	0	0
11/21/2024 7:00	0.2	4	2.7	352	0	1.3	38.2	0	754	0	0	0
11/21/2024 8:00	0	4	1.3	6	0	0.1	37.6	0	794	0	0	0
11/21/2024 9:00	2.5	0	9.4	332	0	2.7	41.7	0	686	0	0	0
11/21/2024 10:00	2.9	0	7.3	323	0	2.8	43.7	0	652	0	0	0
11/21/2024 11:00	4.3	0	12.8	327	0	2.8	47.2	0	578	0	0	0
11/21/2024 12:00	5	0	10.9	319	0	3.5	48.8	0	531	0	0	0
11/21/2024 13:00	5.5	0	15.3	318	0	3.5	48.6	0	516	0	0	0
11/21/2024 14:00	5.6	0	12.5	331	0	3.1	46.4	0	587	0	0	0
11/21/2024 15:00	5.8	0	15.2	333	0	3	43.4	0	675	0	0	0
11/21/2024 16:00	3.5	0	9.5	325	0	2.9	44	0	618	0	0	0
11/21/2024 17:00	3.9	0	13.4	330	0	2.9	43.8	0	618	0	0	0
11/21/2024 18:00	2.4	0	6.2	321	0	2.8	43.1	0	656	0	0	0
11/21/2024 19:00	3.1	0	10.4	318	0	2.9	42.8	0	673	0	0	0
11/21/2024 20:00	4.1	0	9.7	323	0	2.5	41.9	0	698	0	0	0
11/21/2024 21:00	4	0	10.1	326	0	2.5	41.2	0	707	0	0	0
11/21/2024 22:00	3.9	0	9.3	323	0	2.9	39.7	0	728	0	0	0
11/21/2024 23:00	3.9	0	9.6	322	0	2.9	38.6	0	729	0	0	0
11/22/2024 0:00	4.8	0	11	321	0	2.6	37.5	0	657	0	0	0
11/22/2024 1:00	4.1	0	10.6	325	0	2.7	36.3	0	606	0	0	0
11/22/2024 2:00	3.9	0	8.8	319	0	3	35.3	0	630	0	0	0
11/22/2024 3:00	2.9	0	8.5	313	0	3.3	34.5	0	636	0	0	0
11/22/2024 4:00	3.3	0	8.7	318	0	3.1	33.9	0	638	0	0	0
11/22/2024 5:00	3.4	0	9	323	0	2.6	33.8	0	635	0	0	0
11/22/2024 6:00	2.4	0	7.4	314	0	3	33.4	0	649	0	0	0
11/22/2024 7:00	3.8	0	9.2	324	0	2.8	33.3	0	653	0	0	0
11/22/2024 8:00	4.4	0	10.9	322	0	2.9	34	0	631	0	0	0
11/22/2024 9:00	5.7	0	12.6	322	0	3	35.6	0	608	0	0	0
11/22/2024 10:00	5.5	0	13.8	317	0	3.4	36.3	0	649	0	0	0
11/22/2024 11:00	4.9	0	16.4	312	0	3.7	35.9	0	753	0	0	0
11/22/2024 12:00	3.9	0	11.4	283	0	5.3	35.1	0	896	0	0.01	0
11/22/2024 13:00	4	0	12.5	299	0	4.4	35.8	0	916	0	0.01	0
11/22/2024 14:00	3.4	0	10.8	292	0	4.4	36.3	0	914	0	0.02	0
11/22/2024 15:00	3.9	0	13.2	297	0	4.5	36.5	0	913	0	0.02	0
11/22/2024 16:00	3.5	0	10.8	293	0	4.4	36.2	0	936	0	0.01	0
11/22/2024 17:00	3.4	0	11.6	287	0	4.5	36.3	0	941	0	0	0
11/22/2024 18:00	3.5	0	10.8	305	0	4.2	36.8	0	937	0	0	0
11/22/2024 19:00	4	0	12.2	314	0	3.3	38.2	0	885	0	0	0
11/22/2024 20:00	6.2	0	13.6	322	0	3.1	40.3	0	796	0	0	0
11/22/2024 21:00	6.3	0	15.7	323	0	2.8	41	0	783	0	0	0
11/22/2024 22:00	5.5	0	13.7	327	0	2.7	41.4	0	779	0	0	0

11/22/2024 23:00	5.5	0	13.6	325	0	2.6	42	0	762	0	0	0
11/23/2024 0:00	5.4	0	12.5	324	0	2.9	42.1	0	766	0	0	0
11/23/2024 1:00	4.8	0	11.5	327	0	2.4	41.9	0	776	0	0	0
11/23/2024 2:00	4.7	0	12.5	330	0	2.7	42.4	0	768	0	0	0
11/23/2024 3:00	3.2	0	10.4	342	0	3.1	43.3	0	763	0	0	0
11/23/2024 4:00	4.2	0	10.7	349	0	3	43.5	0	747	0	0	0
11/23/2024 5:00	3	0	9.3	4	0	3.1	43.2	0	746	0	0	0
11/23/2024 6:00	3	0	9.9	3	0	2.9	42.2	0	748	0	0	0
11/23/2024 7:00	2	0	6.6	8	0	2.5	40.5	0	758	0	0	0
11/23/2024 8:00	2.1	0	6.6	353	0	2.7	40.2	0	755	0	0	0
11/23/2024 9:00	3.8	0	9.8	351	0	3.2	42.8	0	718	0	0	0
11/23/2024 10:00	5.5	0	14.4	347	0	3.4	45.6	0	654	0	0	0
11/23/2024 11:00	6.6	0	18	345	0	3.1	48.4	0	586	0	0	0
11/23/2024 12:00	6.1	0	15.1	341	0	3	49.1	0	582	0	0	0
11/23/2024 13:00	6.8	0	16.6	336	0	3.1	51.2	0	558	0	0	0
11/23/2024 14:00	6.8	0	16.5	336	0	2.8	51.9	0	557	0	0	0
11/23/2024 15:00	6.3	0	15	346	0	2.9	52.6	0	556	0	0	0
11/23/2024 16:00	5	0	13	350	0	3	52.6	0	559	0	0	0
11/23/2024 17:00	4.2	0	11.2	351	0	3.6	52.3	0	553	0	0	0
11/23/2024 18:00	4	0	10.5	324	0	3.3	51.4	0	562	0	0	0
11/23/2024 19:00	4.6	0	10.9	325	0	2.7	50.5	0	571	0	0	0
11/23/2024 20:00	4.1	0	9.7	325	0	2.9	49.7	0	593	0	0	0
11/23/2024 21:00	4.4	0	13	324	0	2.9	49	0	607	0	0	0
11/23/2024 22:00	5.6	0	12.7	323	0	2.7	48.6	0	612	0	0	0
11/23/2024 23:00	4.4	0	12.8	320	0	3	48.5	0	607	0	0	0
11/24/2024 0:00	4	0	10.2	324	0	2.7	47.6	0	638	0	0	0
11/24/2024 1:00	3.7	0	9.2	324	0	2.6	47.4	0	634	0	0	0
11/24/2024 2:00	2.2	0	8.1	315	0	3.6	47.6	0	629	0	0	0
11/24/2024 3:00	4.7	0	11.1	327	0	2.5	47.8	0	634	0	0	0
11/24/2024 4:00	5.1	0	13.6	330	0	2.4	48.4	0	641	0	0	0
11/24/2024 5:00	5.1	0	10.3	330	0	2.5	48.5	0	632	0	0	0
11/24/2024 6:00	4.3	0	9.5	329	0	2.5	48	0	632	0	0	0
11/24/2024 7:00	3.6	0	10.4	327	0	2.5	47.5	0	644	0	0	0
11/24/2024 8:00	3	0	8.8	312	0	3.7	47.3	0	645	0	0	0
11/24/2024 9:00	3.6	0	10.1	323	0	3.2	47.5	0	632	0	0	0
11/24/2024 10:00	5.3	0	11.5	326	0	3.1	49.7	0	583	0	0	0
11/24/2024 11:00	5.1	0	12.6	318	0	3.3	50.5	0	566	0	0	0
11/24/2024 12:00	4.3	0	12.6	319	0	3.7	51.7	0	542	0	0	0
11/24/2024 13:00	4.1	0	10.3	311	0	3.9	52.8	0	524	0	0	0
11/24/2024 14:00	3.2	0	8	314	0	3.6	54.5	0	503	0	0	0
11/24/2024 15:00	3.2	0	8.2	306	0	4.3	56	0	475	0	0	0
11/24/2024 16:00	2.9	0	7.8	311	0	3.9	56.2	0	474	0	0	0
11/24/2024 17:00	1.9	0	7.1	312	0	3.2	54.9	0	491	0	0	0
11/24/2024 18:00	0.7	0	4.2	359	0	2.6	51.6	0	549	0	0	0

11/24/2024 19:00	0.4	0	3.7	31	0	0.9	48.5	0	613	0	0	0
11/24/2024 20:00	0.1	4	1.9	41	0	0.4	45.1	0	693	0	0	0
11/24/2024 21:00	0	4	0	0	0	0	42.8	0	737	0	0	0
11/24/2024 22:00	0	4	0	0	0	0	40.1	0	808	0	0	0
11/24/2024 23:00	0	4	0	0	0	0	37.9	0	854	0	0	0
11/25/2024 0:00	0	4	0	0	0	0	37.6	0	855	0	0	0
11/25/2024 1:00	0	4	0	0	0	0	37.2	0	865	0	0	0
11/25/2024 2:00	0	4	0	0	0	0	38.1	0	857	0	0	0
11/25/2024 3:00	0	4	0	0	0	0	37.5	0	869	0	0	0
11/25/2024 4:00	0.1	4	1.1	29	0	0.1	36.3	0	897	0	0	0
11/25/2024 5:00	0.1	4	2.1	41	0	0.1	34.8	0	920	0	0	0
11/25/2024 6:00	0	4	0	0	0	0	33.2	0	939	0	0	0
11/25/2024 7:00	0	4	0	0	0	0	31.9	0	954	0	0	0
11/25/2024 8:00	0	4	0	0	0	0	32.5	0	961	0	0	0
11/25/2024 9:00	0.5	0	4.6	281	0	2.6	38.7	0	888	0	0	0
11/25/2024 10:00	2	0	5.1	217	0	3.2	45.7	0	680	0	0	0
11/25/2024 11:00	2.7	0	6.7	211	0	2.8	49.8	0	590	0	0	0
11/25/2024 12:00	3.1	0	8.9	208	0	2.9	52.6	0	530	0	0	0
11/25/2024 13:00	3.4	0	10	216	0	3.9	55.2	0	486	0	0	0
11/25/2024 14:00	3.5	0	8.7	204	0	2.7	57.2	0	455	0	0	0
11/25/2024 15:00	3.1	0	8.6	200	0	2.6	57.9	0	455	0	0	0
11/25/2024 16:00	3.2	0	7.6	200	0	2.6	57.1	0	477	0	0	0
11/25/2024 17:00	2.6	0	6.4	202	0	2.2	55.5	0	517	0	0	0
11/25/2024 18:00	1.9	0	5.3	196	0	2.1	54.8	0	540	0	0	0
11/25/2024 19:00	1	0	4.5	192	0	1.7	54.4	0	560	0	0	0
11/25/2024 20:00	0.3	4	3.2	195	0	1	54	0	584	0	0	0
11/25/2024 21:00	0.1	4	1.7	190	0	0.9	53.3	0	622	0	0	0
11/25/2024 22:00	0.1	4	3.6	183	0	0.9	53.4	0	632	0	0	0
11/25/2024 23:00	0	4	0.5	219	0	0.5	53.1	0	641	0	0	0
11/26/2024 0:00	0	4	0.8	216	0	0.9	50.5	0	695	0	0	0
11/26/2024 1:00	0	4	0	0	0	0	48.7	0	753	0	0	0
11/26/2024 2:00	0.1	4	1.7	33	0	0.5	48.3	0	791	0	0	0
11/26/2024 3:00	0	4	0	0	0	0	48.7	0	837	0	0	0
11/26/2024 4:00	0	4	0	0	0	0	48.2	0	894	0	0.01	0
11/26/2024 5:00	0	4	1.1	207	0	0	48.4	0	908	0	0	0
11/26/2024 6:00	0.4	0	8	316	0	3.3	49.2	0	915	0	0.02	0
11/26/2024 7:00	0.9	0	8.1	218	0	4.7	49.4	0	922	0	0.15	0
11/26/2024 8:00	0.3	0	3	289	0	2.4	49.5	0	937	0	0.01	0
11/26/2024 9:00	1.2	0	5.1	302	0	3.9	50.8	0	907	0	0	0
11/26/2024 10:00	3.2	0	10.4	326	0	2.5	53.6	0	865	0	0	0
11/26/2024 11:00	5.9	0	15.9	349	0	3.3	58.5	0	705	0	0	0
11/26/2024 12:00	6.8	0	15.9	334	0	3.2	60.3	0	542	0	0	0
11/26/2024 13:00	6.2	0	15.7	332	0	3	61.1	0	477	0	0	0
11/26/2024 14:00	6	0	13.8	339	0	3.2	61.4	0	430	0	0	0

11/26/2024 15:00	5.6	0	15.3	348	0	3.4	61.8	0	377	0	0	0
11/26/2024 16:00	6.3	0	14.9	349	0	3.1	60.4	0	298	0	0	0
11/26/2024 17:00	4	0	12.1	347	0	3.2	58	0	336	0	0	0
11/26/2024 18:00	2.7	0	10.7	335	0	2.3	55.6	0	363	0	0	0
11/26/2024 19:00	1.4	0	5.3	346	0	2	52.6	0	427	0	0	0
11/26/2024 20:00	0.5	0	3.8	356	0	1.2	48.1	0	525	0	0	0
11/26/2024 21:00	0.1	4	1.1	7	0	0.6	42.2	0	652	0	0	0
11/26/2024 22:00	0.2	4	2.3	26	0	1	39.2	0	733	0	0	0
11/26/2024 23:00	0	4	1.1	211	0	0	37.9	0	783	0	0	0
11/27/2024 0:00	0.4	0	3.1	291	0	4.4	43.6	0	597	0	0	0
11/27/2024 1:00	0.9	0	4.9	302	0	5.7	44.5	0	563	0	0	0
11/27/2024 2:00	1.7	0	7.6	322	0	2.6	45.3	0	521	0	0	0
11/27/2024 3:00	2.9	0	8.2	326	0	2.4	46.2	0	492	0	0	0
11/27/2024 4:00	2.4	0	6.7	343	0	2.4	45.2	0	514	0	0	0
11/27/2024 5:00	1.3	0	4.8	343	0	2.6	44.4	0	517	0	0	0
11/27/2024 6:00	0.3	4	3.5	330	0	1.8	43.4	0	532	0	0	0
11/27/2024 7:00	0.5	0	3.3	333	0	1.7	43.1	0	534	0	0	0
11/27/2024 8:00	0.3	4	2.1	107	0	4.4	39.2	0	650	0	0	0
11/27/2024 9:00	1.4	0	6.5	343	0	4.1	43.8	0	537	0	0	0
11/27/2024 10:00	2.8	0	8.1	352	0	3.2	48.5	0	427	0	0	0
11/27/2024 11:00	3.3	0	8.6	342	0	3.8	51.8	0	366	0	0	0
11/27/2024 12:00	2.5	0	6.8	308	0	4.9	53.2	0	348	0	0	0
11/27/2024 13:00	1.8	0	5.3	320	0	6.1	53.6	0	359	0	0	0
11/27/2024 14:00	2.5	0	6.2	216	0	3.4	53.9	0	362	0	0	0
11/27/2024 15:00	2.8	0	7.6	202	0	2.4	53.7	0	355	0	0	0
11/27/2024 16:00	1.7	0	4.5	199	0	2.5	53.8	0	356	0	0	0
11/27/2024 17:00	0.4	0	4.4	175	0	2.2	51.9	0	448	0	0	0
11/27/2024 18:00	0.2	4	2.3	166	0	1.6	50.1	0	450	0	0	0
11/27/2024 19:00	0.1	4	2.7	178	0	0.7	48.1	0	483	0	0	0
11/27/2024 20:00	0.1	4	1.9	191	0	1.3	48	0	509	0	0	0
11/27/2024 21:00	1.3	0	4.1	192	0	2	49.1	0	514	0	0	0
11/27/2024 22:00	1.1	0	5.3	188	0	2	47.6	0	625	0	0	0
11/27/2024 23:00	0.4	0	4.5	190	0	1.7	46.3	0	677	0	0	0
11/28/2024 0:00	0.1	4	3.7	194	0	1.2	46.5	0	654	0	0	0
11/28/2024 1:00	0.2	4	4.8	208	0	2.3	46.9	0	672	0	0	0
11/28/2024 2:00	0.1	4	1.6	103	0	0.9	46.7	0	729	0	0.01	0
11/28/2024 3:00	0.3	4	1.6	88	0	1	44.9	0	899	0	0.03	0
11/28/2024 4:00	0.2	4	2.7	61	0	1.7	44.8	0	957	0	0.06	0
11/28/2024 5:00	0.6	0	3.6	38	0	3.2	44.4	0	974	0	0.16	0
11/28/2024 6:00	0.6	0	2.7	93	0	0.7	44.7	0	984	0	0.03	0
11/28/2024 7:00	0	4	0	0	0	0	45.6	0	987	0	0.01	0
11/28/2024 8:00	0	4	0	0	0	0	46.1	0	988	0	0.03	0
11/28/2024 9:00	0.1	4	2.9	319	0	0.2	46.5	0	990	0	0.01	0
11/28/2024 10:00	1.5	0	4.9	314	0	2.8	47.5	0	987	0	0.03	0

11/28/2024 11:00	2.8	0	8.3	314	0	3.6	47.4	0	962	0	0	0
11/28/2024 12:00	4.7	0	12	327	0	3.1	47.9	0	904	0	0	0
11/28/2024 13:00	5.9	0	15.1	328	0	2.5	48.7	0	838	0	0	0
11/28/2024 14:00	5.6	0	15	332	0	3	49.9	0	769	0	0	0
11/28/2024 15:00	5.3	0	15.9	346	0	3.4	52	0	645	0	0	0
11/28/2024 16:00	5.7	0	17.2	346	0	3.5	51.4	0	592	0	0	0
11/28/2024 17:00	4.6	0	14.1	338	0	3.5	50.2	0	589	0	0	0
11/28/2024 18:00	5.9	0	17.6	332	0	3	47.8	0	583	0	0	0
11/28/2024 19:00	5.2	0	14.7	348	0	3.2	45.7	0	605	0	0	0
11/28/2024 20:00	2	0	8.4	339	0	5	44.3	0	636	0	0	0
11/28/2024 21:00	2.4	0	7.4	327	0	2.9	43.5	0	663	0	0	0
11/28/2024 22:00	3	0	11.5	327	0	2	43.2	0	682	0	0	0
11/28/2024 23:00	0.4	0	3.6	326	0	1.2	41.2	0	738	0	0	0
11/29/2024 0:00	0.9	0	4	292	0	4.9	40.8	0	742	0	0	0
11/29/2024 1:00	2.3	0	8.3	323	0	2.7	41	0	742	0	0	0
11/29/2024 2:00	2.5	0	8.5	313	0	4	41.9	0	694	0	0	0
11/29/2024 3:00	3.4	0	7.9	332	0	2.6	41.4	0	681	0	0	0
11/29/2024 4:00	2.5	0	7.8	309	0	4.6	41	0	628	0	0	0
11/29/2024 5:00	1.2	0	4.5	293	0	5.1	39.5	0	595	0	0	0
11/29/2024 6:00	0.2	4	2.5	289	0	2.6	38.1	0	603	0	0	0
11/29/2024 7:00	0	4	0	0	0	0	34	0	734	0	0	0
11/29/2024 8:00	0	4	2.2	38	0	0.1	31.8	0	801	0	0	0
11/29/2024 9:00	0.4	0	3.7	198	0	1	35.6	0	775	0	0	0
11/29/2024 10:00	2.8	0	6.1	212	0	2.1	39.9	0	590	0	0	0
11/29/2024 11:00	3.1	0	8.1	214	0	2.2	41.7	0	582	0	0	0
11/29/2024 12:00	2.6	0	6.6	237	0	5.5	42.6	0	552	0	0	0
11/29/2024 13:00	4.5	0	11.6	321	0	3.1	42	0	570	0	0	0
11/29/2024 14:00	5.6	0	14.6	328	0	2.6	40.8	0	573	0	0	0
11/29/2024 15:00	4.5	0	13.8	334	0	3	41.2	0	518	0	0	0
11/29/2024 16:00	6.9	0	16.6	337	0	3	40.7	0	430	0	0	0
11/29/2024 17:00	6.5	0	17.7	344	0	3	38.1	0	460	0	0	0
11/29/2024 18:00	5.6	0	15.6	349	0	3.2	35.5	0	456	0	0	0
11/29/2024 19:00	4.5	0	12.4	324	0	2.7	34.6	0	470	0	0	0
11/29/2024 20:00	4.5	0	14.2	321	0	3	33.9	0	507	0	0	0
11/29/2024 21:00	3.8	0	11.3	330	0	2.7	33.2	0	531	0	0	0
11/29/2024 22:00	2.7	0	7.1	317	0	3.3	32.5	0	529	0	0	0
11/29/2024 23:00	2.9	0	6.5	324	0	2.6	31.7	0	535	0	0	0
11/30/2024 0:00	0.5	0	4.8	290	0	3.8	29.8	0	599	0	0	0
11/30/2024 1:00	1.5	0	6.9	319	0	3.8	29.9	0	584	0	0	0
11/30/2024 2:00	0.4	0	3.2	316	0	1.3	28.8	0	602	0	0	0
11/30/2024 3:00	0	4	1.4	32	0	0.4	26.2	0	681	0	0	0
11/30/2024 4:00	0.1	4	2.7	171	0	1.9	25.4	0	716	0	0	0
11/30/2024 5:00	0	4	0	0	0	0	24	0	752	0	0	0
11/30/2024 6:00	0	4	1.4	59	0	1.2	23.3	0	791	0	0	0

11/30/2024 7:00	0.6	0	5.6	332	0	2.7	25.8	0	706	0	0	0
11/30/2024 8:00	0.9	0	3.3	64	0	4.1	24.1	0	764	0	0	0
11/30/2024 9:00	1.3	0	7.2	345	0	2.3	28.4	0	644	0	0	0
11/30/2024 10:00	4.5	0	12	329	0	3.1	32	0	511	0	0	0
11/30/2024 11:00	6.6	0	16.7	329	0	3.2	32.9	0	470	0	0	0
11/30/2024 12:00	7.2	0	18.9	326	0	3	32.8	0	438	0	0	0
11/30/2024 13:00	6.5	0	16.1	326	0	2.9	33.3	0	391	0	0	0
11/30/2024 14:00	6.7	0	15.6	324	0	3.4	33.8	0	376	0	0	0
11/30/2024 15:00	5.8	0	13.5	328	0	3.3	34.3	0	368	0	0	0
11/30/2024 16:00	5.3	0	11.8	331	0	3.3	34.3	0	374	0	0	0
11/30/2024 17:00	3.2	0	9	344	0	3.3	32.8	0	409	0	0	0
11/30/2024 18:00	1.3	0	6.2	352	0	2.3	31	0	450	0	0	0
11/30/2024 19:00	0	4	0	0	0	0	27.8	0	545	0	0	0
11/30/2024 20:00	0.4	4	2.5	21	0	1	27.7	0	538	0	0	0
11/30/2024 21:00	0.1	4	2	19	0	0.2	26.1	0	599	0	0	0
11/30/2024 22:00	0	4	0.7	30	0	0	23.9	0	677	0	0	0
11/30/2024 23:00	0	4	0.9	26	0	0	22	0	759	0	0	0