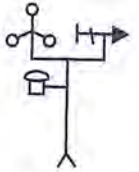




TECHNICAL ENVIRONMENTAL SERVICES, LLC



January 8, 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 December 2023. 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 5.00 inches during December 2023.

Attached is a wind rose for December 2023 and a table showing the data collection percentage for each parameter in 2023.

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 – DECEMBER 2023

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: 1/8/2024 8:52:35 AM

WIND ROSE

(WINDS FROM)

N

↓

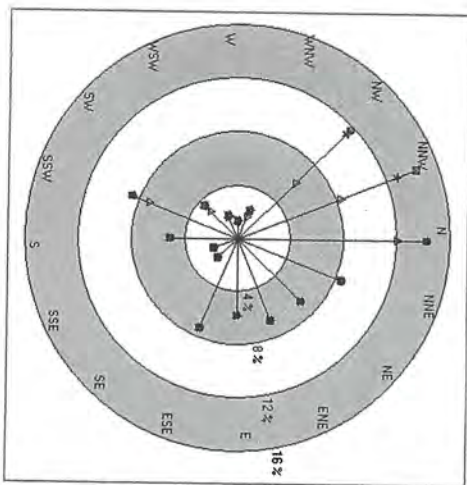
0.00% PERCENT CALMS
(NOT INCLUDED IN PLOT)

Start Date: 12/1/2023 00:00

End Date: 12/31/2023 23:00

Sensors Selected:

3M_VWS
3M_VWD



- Legend
- △ WIND SPEED LESS THAN 3.5MPH
 - ▲ WIND SPEED LESS THAN 7.5MPH
 - ◻ WIND SPEED LESS THAN 12.5MPH
 - × WIND SPEED GREATER THAN 12.5MPH

Date Time	3M_WS	Code	Max	3M_WD	Code	StDev	2M_TE
12/1/2023 0:00	0	0	0	0	0	0	38.2
12/1/2023 1:00	0.1	0	1.3	26	0	0.3	34.7
12/1/2023 2:00	0	0	1.1	26	0	0	32.2
12/1/2023 3:00	0.1	0	1.9	26	0	0.2	30.8
12/1/2023 4:00	0.1	0	1.3	26	0	0.2	29.9
12/1/2023 5:00	0.1	0	1.1	27	0	2.1	29.9
12/1/2023 6:00	0.2	0	1.4	31	0	1.4	30.1
12/1/2023 7:00	0.2	0	1.9	37	0	0.9	31.2
12/1/2023 8:00	0.3	0	1.6	41	0	3.2	32.8
12/1/2023 9:00	0.6	0	4	107	0	5.7	36.9
12/1/2023 10:00	1.4	0	5.1	209	0	2.7	43.2
12/1/2023 11:00	1.1	0	4.7	195	0	2.4	44.7
12/1/2023 12:00	1	0	3.2	194	0	2.6	46.4
12/1/2023 13:00	1.7	0	5.3	186	0	4.8	45.8
12/1/2023 14:00	1.2	0	5	176	0	3.4	46.5
12/1/2023 15:00	1.3	0	5.9	190	0	2.2	45.9
12/1/2023 16:00	1.6	0	5	189	0	2	45.1
12/1/2023 17:00	1.9	0	6.9	189	0	2.2	44.7
12/1/2023 18:00	3.1	0	8.4	192	0	2.5	44.6
12/1/2023 19:00	2.2	0	6.9	197	0	2.3	44.9
12/1/2023 20:00	2.2	0	5.9	202	0	2.6	45.2
12/1/2023 21:00	2.5	0	6.6	202	0	2.4	45.5
12/1/2023 22:00	1.7	0	6	199	0	2.1	45.8
12/1/2023 23:00	0.8	0	3.6	199	0	3	45.9
12/2/2023 0:00	0.2	0	2.1	161	0	2.5	45.6
12/2/2023 1:00	0.2	0	2.3	132	0	3.9	45.9
12/2/2023 2:00	0.1	0	1.3	101	0	3.4	45.7
12/2/2023 3:00	0.2	0	1.9	44	0	1.6	43.7
12/2/2023 4:00	0.1	0	1.3	147	0	2.3	42.1
12/2/2023 5:00	0.3	0	2.7	215	0	3.5	45.5
12/2/2023 6:00	0.3	0	2.7	234	0	3.1	46.8
12/2/2023 7:00	0.7	0	3.6	303	0	5.5	47
12/2/2023 8:00	0.4	0	3.3	344	0	3.2	46.5
12/2/2023 9:00	0.6	0	2.8	210	0	2.2	46.6
12/2/2023 10:00	1.1	0	4.2	230	0	4.1	47.1
12/2/2023 11:00	0.9	0	3.3	278	0	3.8	48
12/2/2023 12:00	0.8	0	3.2	250	0	3.6	49.7
12/2/2023 13:00	1.4	0	3.9	221	0	2.8	52.5
12/2/2023 14:00	1.4	0	3.9	222	0	3.1	56.3
12/2/2023 15:00	0.7	0	2.8	201	0	3.3	57.8
12/2/2023 16:00	0.5	0	3.9	182	0	2	57.2
12/2/2023 17:00	1	0	5.2	180	0	2.7	55.5
12/2/2023 18:00	1.3	0	5.4	183	0	3.6	52.9

12/2/2023 19:00	0.2	0	2.6	74	0	3.1	51.5
12/2/2023 20:00	0.6	0	2.9	186	0	3.8	51.4
12/2/2023 21:00	0.3	0	2.1	128	0	5.8	51.3
12/2/2023 22:00	0.5	0	4	202	0	2.3	51.7
12/2/2023 23:00	0.1	0	1.3	110	0	1.8	51.5
12/3/2023 0:00	0.5	0	2	72	0	1.5	51
12/3/2023 1:00	0.1	0	1.2	297	0	0.2	50.5
12/3/2023 2:00	0.7	0	3	80	0	1.8	50.3
12/3/2023 3:00	1	0	3	114	0	2.3	50.3
12/3/2023 4:00	0.8	0	4.7	132	0	4.2	50.6
12/3/2023 5:00	1	0	3.8	122	0	2.4	50.4
12/3/2023 6:00	1.1	0	3.6	115	0	2.3	50.2
12/3/2023 7:00	1	0	6.5	127	0	4.4	50.2
12/3/2023 8:00	0.7	0	3.8	128	0	4.3	50.5
12/3/2023 9:00	0.3	0	2.1	97	0	2.2	50.7
12/3/2023 10:00	0.4	0	1.7	92	0	2.1	51
12/3/2023 11:00	0.5	0	1.7	76	0	1.4	51.3
12/3/2023 12:00	0.4	0	1.7	58	0	2.5	51.7
12/3/2023 13:00	0.5	0	2.1	309	0	6.4	52.3
12/3/2023 14:00	0.4	0	2.3	206	0	4.2	53
12/3/2023 15:00	0.6	0	3.6	358	0	2.8	54
12/3/2023 16:00	0.8	0	2.6	259	0	5	54.2
12/3/2023 17:00	1.1	0	3.7	245	0	4.2	54
12/3/2023 18:00	0.9	0	3.5	211	0	1.7	53.7
12/3/2023 19:00	1	0	5.1	266	0	5.3	53.7
12/3/2023 20:00	1.9	0	5.7	313	0	3.1	53.8
12/3/2023 21:00	1.8	0	6.8	350	0	2.8	53.4
12/3/2023 22:00	0.9	0	3.6	347	0	2.5	52.1
12/3/2023 23:00	1.1	0	6.4	321	0	2.6	51.7
12/4/2023 0:00	2.9	0	10.1	340	0	2.6	52.1
12/4/2023 1:00	6.1	0	13.6	332	0	2.6	52
12/4/2023 2:00	4.9	0	11.7	324	0	2.5	50.4
12/4/2023 3:00	3.3	0	11.8	296	0	5	49.7
12/4/2023 4:00	2.3	0	8.8	305	0	3.5	48.7
12/4/2023 5:00	2.7	0	7.4	320	0	2.5	47.9
12/4/2023 6:00	0.9	0	4.7	332	0	3.1	46.3
12/4/2023 7:00	1.9	0	6.2	326	0	4	46.3
12/4/2023 8:00	1.3	0	5.1	317	0	4.4	46.1
12/4/2023 9:00	0.6	0	4.7	246	0	3.9	46.6
12/4/2023 10:00	3.4	0	8	319	0	2.7	48.9
12/4/2023 11:00	3.8	0	9.8	344	0	3	49.8
12/4/2023 12:00	3	0	8.2	347	0	3	50.7
12/4/2023 13:00	3.4	0	7.9	333	0	3.5	52.1
12/4/2023 14:00	2.6	0	9.2	312	0	4.9	52.8

12/4/2023 15:00	3.6	0	10.3	319	0	3.1	52.7
12/4/2023 16:00	3.4	0	9.4	333	0	2.9	50.8
12/4/2023 17:00	2.3	0	7.5	348	0	3	49.2
12/4/2023 18:00	1.3	0	4.8	7	0	2	47.9
12/4/2023 19:00	1.2	0	4.4	2	0	2	47
12/4/2023 20:00	0.1	0	2.4	8	0	1.4	44
12/4/2023 21:00	0	0	1	32	0	0.2	39.4
12/4/2023 22:00	0.1	0	1.5	5	0	0.4	38.5
12/4/2023 23:00	0.1	0	1.8	342	0	0.7	38.6
12/5/2023 0:00	0.5	0	6.5	6	0	1.8	37
12/5/2023 1:00	1	0	4.7	9	0	2.4	40.4
12/5/2023 2:00	1.6	0	6.3	347	0	1.9	40.1
12/5/2023 3:00	1.4	0	5.4	357	0	3.8	39.8
12/5/2023 4:00	0.8	0	2.7	5	0	7	37.9
12/5/2023 5:00	0.8	0	3.1	246	0	7.5	36.4
12/5/2023 6:00	0.2	0	2.4	18	0	0.7	33.7
12/5/2023 7:00	0.3	0	2.2	52	0	3.3	31.6
12/5/2023 8:00	0.3	0	1.7	4	0	5.4	32.9
12/5/2023 9:00	0.5	0	2.9	317	0	5.8	37.9
12/5/2023 10:00	1.8	0	5.1	291	0	5.1	42
12/5/2023 11:00	2.7	0	6.9	304	0	4.1	44.6
12/5/2023 12:00	2.8	0	7.3	326	0	4	46.1
12/5/2023 13:00	2.2	0	9.2	340	0	6.1	48.3
12/5/2023 14:00	2.6	0	8.6	341	0	5	47.4
12/5/2023 15:00	1.5	0	7.4	360	0	6.3	48.6
12/5/2023 16:00	1	0	4.1	28	0	3.8	46.7
12/5/2023 17:00	0.9	0	4.6	64	0	2.4	44.8
12/5/2023 18:00	0.4	0	1.3	80	0	0.8	43.5
12/5/2023 19:00	0.4	0	1.6	69	0	0.8	42.8
12/5/2023 20:00	0.8	0	2.2	64	0	1.2	42.1
12/5/2023 21:00	0.7	0	1.6	65	0	0.9	41.1
12/5/2023 22:00	1.2	0	4	61	0	1.4	39.8
12/5/2023 23:00	1.4	0	5.2	56	0	2.2	38.7
12/6/2023 0:00	0.9	0	3.8	53	0	2	37.9
12/6/2023 1:00	0.7	0	2.9	54	0	2.1	37.8
12/6/2023 2:00	0.5	0	2.9	47	0	1.9	37.6
12/6/2023 3:00	0.7	0	3.8	35	0	2.6	37.5
12/6/2023 4:00	0.9	0	4.2	13	0	2.9	37.3
12/6/2023 5:00	1.1	0	5.4	10	0	2.7	37.2
12/6/2023 6:00	1	0	4.4	11	0	2.3	37.2
12/6/2023 7:00	1.3	0	4.2	10	0	2.5	36.9
12/6/2023 8:00	1	0	4.6	10	0	2.5	36.7
12/6/2023 9:00	1	0	4.5	5	0	2.6	37.6
12/6/2023 10:00	2.8	0	8.8	358	0	3.3	39.2

12/6/2023 11:00	3.8	0	12.9	351	0	3.3	40.7
12/6/2023 12:00	2.9	0	9.2	7	0	3.4	40.5
12/6/2023 13:00	4	0	14.1	358	0	3.7	41.6
12/6/2023 14:00	5	0	14.8	347	0	3.1	41.2
12/6/2023 15:00	5	0	14.2	352	0	3.2	40.7
12/6/2023 16:00	3.8	0	10.5	353	0	3.2	41.2
12/6/2023 17:00	4.1	0	11.8	349	0	3	41
12/6/2023 18:00	4.8	0	11.6	345	0	3.1	40.4
12/6/2023 19:00	3.9	0	10.3	345	0	2.9	39.2
12/6/2023 20:00	3	0	9.6	332	0	3	38.5
12/6/2023 21:00	2.9	0	8.9	335	0	2.4	37.4
12/6/2023 22:00	3.2	0	9.2	326	0	2.6	36.8
12/6/2023 23:00	3	0	7	330	0	2.3	36
12/7/2023 0:00	2.7	0	6.8	339	0	2.6	35.2
12/7/2023 1:00	2	0	4.6	336	0	1.9	34.4
12/7/2023 2:00	0.5	0	2.7	327	0	2.4	33.2
12/7/2023 3:00	0.2	0	1.8	342	0	1.6	31.2
12/7/2023 4:00	0.8	0	2.9	327	0	1.8	32.6
12/7/2023 5:00	0.3	0	2.7	273	0	2.4	32.6
12/7/2023 6:00	1	0	4.3	287	0	4.3	33.6
12/7/2023 7:00	0.7	0	3.1	242	0	3.8	34.7
12/7/2023 8:00	1.5	0	4.8	216	0	3	34.8
12/7/2023 9:00	2.1	0	5.9	222	0	3.2	36.1
12/7/2023 10:00	2.6	0	6.6	218	0	2.6	37.2
12/7/2023 11:00	2.7	0	6	216	0	3.3	39
12/7/2023 12:00	4.4	0	9.5	220	0	2.7	40.8
12/7/2023 13:00	3.7	0	7.7	216	0	2.8	42.5
12/7/2023 14:00	5.3	0	11.6	214	0	2.2	43.2
12/7/2023 15:00	4.8	0	10.6	210	0	2.4	43.2
12/7/2023 16:00	4.4	0	10	213	0	2.4	44.1
12/7/2023 17:00	3.6	0	11.4	216	0	2.6	44.3
12/7/2023 18:00	2.2	0	5.9	214	0	2.4	44
12/7/2023 19:00	2	0	5.4	213	0	2.3	43.8
12/7/2023 20:00	1	0	4.5	212	0	1.6	43.7
12/7/2023 21:00	0	0	1.5	28	0	0	41.8
12/7/2023 22:00	0.1	0	1.3	50	0	1	40.5
12/7/2023 23:00	0.3	0	1.1	65	0	0.3	38.8
12/8/2023 0:00	0.3	0	2.2	59	0	3.8	36.2
12/8/2023 1:00	0.3	0	2.2	45	0	2	33.8
12/8/2023 2:00	0.4	0	2.6	51	0	3.7	32.2
12/8/2023 3:00	0.4	0	1.9	42	0	1.8	31
12/8/2023 4:00	0.1	0	1.3	31	0	0.2	30
12/8/2023 5:00	0.1	0	1	39	0	0.4	29.9
12/8/2023 6:00	0	0	0.8	34	0	0	29.9

12/8/2023 7:00	0	0	0.7	53	0	0	30
12/8/2023 8:00	0.2	0	1.3	64	0	1.3	30.7
12/8/2023 9:00	0.1	0	1.4	88	0	3.1	33.5
12/8/2023 10:00	0.5	0	3.2	74	0	5	39.8
12/8/2023 11:00	2.3	0	9.4	200	0	2.6	47.5
12/8/2023 12:00	4.3	0	10.3	203	0	2.4	51.5
12/8/2023 13:00	3.7	0	9.2	196	0	2.7	53.9
12/8/2023 14:00	4.2	0	9.5	201	0	2.6	55.5
12/8/2023 15:00	4	0	10.5	197	0	2.5	56.7
12/8/2023 16:00	3.2	0	9.5	186	0	3.2	57
12/8/2023 17:00	3.1	0	9.8	192	0	2.2	54.1
12/8/2023 18:00	0.2	0	3.3	179	0	1.9	50.6
12/8/2023 19:00	0.1	0	1.1	89	0	1	48.3
12/8/2023 20:00	0.1	0	1.1	88	0	0.5	45.4
12/8/2023 21:00	0	0	1.1	190	0	0.6	43.3
12/8/2023 22:00	0.1	0	1.1	30	0	0.6	39.2
12/8/2023 23:00	0.3	0	1.6	22	0	0.7	36.6
12/9/2023 0:00	0.3	0	1.6	26	0	1.2	35.2
12/9/2023 1:00	0	0	1	35	0	0.3	33.7
12/9/2023 2:00	0.1	0	1.2	16	0	0.4	32.3
12/9/2023 3:00	0.1	0	1.3	21	0	1.2	31.4
12/9/2023 4:00	0.2	0	1.6	35	0	1.3	30.3
12/9/2023 5:00	0.1	0	1.8	25	0	0.5	29.7
12/9/2023 6:00	0	0	1.1	29	0	0	29.3
12/9/2023 7:00	0.1	0	1.3	72	0	0.5	28.7
12/9/2023 8:00	0.1	0	1.3	63	0	1.8	29.7
12/9/2023 9:00	0.3	0	2.1	66	0	1.1	31.7
12/9/2023 10:00	0.9	0	2.6	52	0	2.2	35.2
12/9/2023 11:00	0.9	0	3.7	37	0	6.3	42.9
12/9/2023 12:00	1.2	0	4	358	0	6	48.8
12/9/2023 13:00	1.7	0	5.4	251	0	5.8	52.5
12/9/2023 14:00	2	0	6.3	198	0	3	54.7
12/9/2023 15:00	1.9	0	6.8	194	0	3.3	54.4
12/9/2023 16:00	0.8	0	3.6	161	0	3.5	53.6
12/9/2023 17:00	1.7	0	5.2	194	0	2.3	53.4
12/9/2023 18:00	0.5	0	3.6	178	0	4.5	50
12/9/2023 19:00	0.1	0	1.6	25	0	0.8	45
12/9/2023 20:00	0.1	0	1.6	24	0	1.5	42.4
12/9/2023 21:00	0.3	0	1.6	53	0	1.1	41
12/9/2023 22:00	0.5	0	4	34	0	4.3	41.7
12/9/2023 23:00	2.3	0	6.6	192	0	1.9	51.3
12/10/2023 0:00	2.2	0	6.3	191	0	1.9	52
12/10/2023 1:00	2.3	0	6.1	194	0	2	52.9
12/10/2023 2:00	2.6	0	6.6	188	0	2	52.7

12/10/2023 3:00	2.4	0	7.1	195	0	2.2	52.5
12/10/2023 4:00	2.6	0	6.1	187	0	2	53
12/10/2023 5:00	2.9	0	7.2	196	0	2.1	54.1
12/10/2023 6:00	2.6	0	6	193	0	2	55.2
12/10/2023 7:00	2.2	0	5.1	198	0	2	55.4
12/10/2023 8:00	1.8	0	4.6	191	0	1.8	55.8
12/10/2023 9:00	2.5	0	7.1	193	0	2	56.4
12/10/2023 10:00	2.3	0	6.4	190	0	2.1	56
12/10/2023 11:00	3	0	8.5	192	0	2.2	56.7
12/10/2023 12:00	2.3	0	7.8	191	0	2.2	57.6
12/10/2023 13:00	2.8	0	7.3	192	0	2.2	58.2
12/10/2023 14:00	2.6	0	6.3	192	0	2.4	58.7
12/10/2023 15:00	2	0	5.6	196	0	2.6	58.8
12/10/2023 16:00	1	0	4	262	0	5.1	58.6
12/10/2023 17:00	0.9	0	3.9	296	0	3.1	58.4
12/10/2023 18:00	0	0	1.2	268	0	1.6	57.9
12/10/2023 19:00	3	0	13.9	337	0	2.3	55.5
12/10/2023 20:00	4.8	0	12.7	350	0	2.8	50.1
12/10/2023 21:00	3.6	0	11.7	3	0	3.5	48.2
12/10/2023 22:00	5.3	0	14.8	353	0	3	45.3
12/10/2023 23:00	4.3	0	12.3	4	0	3.5	41.7
12/11/2023 0:00	4.3	0	13.7	359	0	3.2	38
12/11/2023 1:00	3.1	0	9.9	359	0	3.1	35.5
12/11/2023 2:00	2.1	0	6	351	0	2.7	33.8
12/11/2023 3:00	2.9	0	8	323	0	3	33
12/11/2023 4:00	3.2	0	8.2	337	0	2.7	32.5
12/11/2023 5:00	1.3	0	7.1	344	0	2	32.6
12/11/2023 6:00	1.7	0	6.5	318	0	2.8	33.5
12/11/2023 7:00	2.1	0	6.6	321	0	3	33.8
12/11/2023 8:00	1.8	0	6.5	348	0	2.6	34.2
12/11/2023 9:00	3.7	0	8.4	325	0	2.4	36.4
12/11/2023 10:00	3.9	0	10.6	329	0	2.7	38.6
12/11/2023 11:00	5.6	0	14.4	330	0	2.9	41.2
12/11/2023 12:00	6.9	0	20.8	330	0	3	42.1
12/11/2023 13:00	7.6	0	22.1	335	0	2.9	43.8
12/11/2023 14:00	5.1	0	18	353	0	3.3	43.6
12/11/2023 15:00	6.8	0	16.8	332	0	2.9	44.3
12/11/2023 16:00	5.6	0	13.8	341	0	3	43.7
12/11/2023 17:00	5.4	0	15.7	334	0	2.8	41.8
12/11/2023 18:00	5	0	14.8	327	0	2.7	40.2
12/11/2023 19:00	3.8	0	11	334	0	3.2	38.4
12/11/2023 20:00	1.6	0	8	329	0	6.1	36.7
12/11/2023 21:00	1.3	0	5.7	2	0	4.9	35.1
12/11/2023 22:00	1.9	0	7.8	4	0	4.9	34.9

12/11/2023 23:00	0.7	0	3.3	155	0	7.1	32.6
12/12/2023 0:00	0.1	0	1.3	161	0	1.8	29.2
12/12/2023 1:00	0.5	0	2.2	55	0	4.9	28.6
12/12/2023 2:00	0.2	0	1.2	148	0	3.6	27.5
12/12/2023 3:00	0.2	0	2.9	130	0	2.4	27
12/12/2023 4:00	0.3	0	2.8	101	0	3.7	25.9
12/12/2023 5:00	0.1	0	1.5	12	0	2	25.5
12/12/2023 6:00	0.3	0	1.5	2	0	1	27.5
12/12/2023 7:00	0.1	0	1.7	158	0	0.2	26
12/12/2023 8:00	0	0	1	41	0	0.5	26.3
12/12/2023 9:00	1.3	0	4.4	323	0	3.3	32
12/12/2023 10:00	2.6	0	6.7	300	0	3.2	36.2
12/12/2023 11:00	3	0	6.8	305	0	3.8	39.1
12/12/2023 12:00	3.2	0	8.3	234	0	4.1	41.8
12/12/2023 13:00	3.6	0	9.8	232	0	4.3	44.7
12/12/2023 14:00	3.4	0	9.9	222	0	3.3	46.9
12/12/2023 15:00	4.1	0	8.2	213	0	2.5	47.8
12/12/2023 16:00	3.8	0	8	210	0	2.4	47.8
12/12/2023 17:00	3.4	0	8.1	197	0	2.1	45
12/12/2023 18:00	2.9	0	7.1	195	0	2	42.1
12/12/2023 19:00	1.5	0	4.1	202	0	1.3	40.1
12/12/2023 20:00	1.4	0	3.3	193	0	1.5	38.6
12/12/2023 21:00	0.7	0	2.5	182	0	1.1	38
12/12/2023 22:00	0.3	0	2.7	200	0	1.2	35.4
12/12/2023 23:00	0.1	0	1.5	195	0	0.5	34.7
12/13/2023 0:00	0	0	0.8	115	0	0.1	31.6
12/13/2023 1:00	0	0	0.6	148	0	0	31.4
12/13/2023 2:00	0.8	0	4.1	231	0	5	35
12/13/2023 3:00	0.3	0	1.9	316	0	6.2	33.6
12/13/2023 4:00	0.2	0	2.4	16	0	0.8	28.8
12/13/2023 5:00	0	0	1.5	358	0	0.5	27.8
12/13/2023 6:00	0.1	0	1.9	168	0	3	28.2
12/13/2023 7:00	0.1	0	1.2	189	0	1.6	30.4
12/13/2023 8:00	0.1	0	1.3	350	0	0.4	30.1
12/13/2023 9:00	0.7	0	4	305	0	2.1	37.8
12/13/2023 10:00	1.7	0	6.4	356	0	5.1	43
12/13/2023 11:00	3.4	0	8.1	341	0	3.4	44.8
12/13/2023 12:00	4.2	0	9.9	330	0	2.8	46.2
12/13/2023 13:00	5.1	0	13.9	328	0	3.1	45.9
12/13/2023 14:00	5.3	0	11.6	320	0	2.7	45.2
12/13/2023 15:00	4.3	0	10	339	0	3.2	45.5
12/13/2023 16:00	4	0	9.1	332	0	2.6	45.8
12/13/2023 17:00	1.7	0	6.2	333	0	2.7	44.7
12/13/2023 18:00	0.4	0	1.7	2	0	1.1	40.1

12/13/2023 19:00	1.7	0	6	352	0	1.9	39.4
12/13/2023 20:00	1.1	0	5.6	26	0	2.7	39.6
12/13/2023 21:00	2.4	0	7.4	357	0	2.4	38.9
12/13/2023 22:00	1.4	0	7	9	0	2.5	37.7
12/13/2023 23:00	1.3	0	3.8	2	0	1.6	36
12/14/2023 0:00	1.1	0	3.7	359	0	1.7	36
12/14/2023 1:00	0	0	0	0	0	0	30.9
12/14/2023 2:00	0	0	0	0	0	0	27.1
12/14/2023 3:00	0	0	0.8	13	0	0.1	26
12/14/2023 4:00	0.1	0	1.6	16	0	0.3	24.9
12/14/2023 5:00	0.1	0	1.4	14	0	0.4	24.1
12/14/2023 6:00	0.3	0	1.6	27	0	0.8	22.9
12/14/2023 7:00	0.2	0	1.4	40	0	0.1	22.4
12/14/2023 8:00	0.4	0	1.4	44	0	0.6	22.3
12/14/2023 9:00	0.1	0	1.1	36	0	0.3	26
12/14/2023 10:00	0.5	0	2.6	44	0	3.7	35.6
12/14/2023 11:00	2.2	0	6.3	334	0	4.5	40.8
12/14/2023 12:00	2.7	0	7.5	317	0	4.2	42
12/14/2023 13:00	3.4	0	8	320	0	3.6	42.5
12/14/2023 14:00	3.6	0	8.7	315	0	3.4	44.9
12/14/2023 15:00	2.6	0	7.9	318	0	4.6	46.4
12/14/2023 16:00	2.7	0	6.6	308	0	3.2	46.5
12/14/2023 17:00	1.5	0	5.7	248	0	5.8	45
12/14/2023 18:00	0.2	0	2.1	188	0	0.8	39.9
12/14/2023 19:00	0	0	0.9	171	0	0.1	35.2
12/14/2023 20:00	0	0	0	0	0	0	31.9
12/14/2023 21:00	0	0	0	0	0	0	30.2
12/14/2023 22:00	0	0	0.9	148	0	0	29.3
12/14/2023 23:00	0	0	0.8	59	0	0	29.3
12/15/2023 0:00	0	0	1.6	22	0	0.7	28.3
12/15/2023 1:00	0.2	0	1.6	31	0	0.3	27.8
12/15/2023 2:00	0.2	0	1.8	2	0	1	27.1
12/15/2023 3:00	0.1	0	1.4	6	0	0.5	29.5
12/15/2023 4:00	0.2	0	1.5	183	0	1.5	32.4
12/15/2023 5:00	1.4	0	6.9	265	0	4.5	36.6
12/15/2023 6:00	0.9	0	4.7	287	0	2.9	38.4
12/15/2023 7:00	0.1	0	1.4	207	0	2.4	36.7
12/15/2023 8:00	0.7	0	2.8	261	0	5.2	38
12/15/2023 9:00	1.2	0	4.9	259	0	5.2	40.7
12/15/2023 10:00	3.2	0	10.7	301	0	3.8	46
12/15/2023 11:00	4.4	0	10.4	314	0	3.1	49.1
12/15/2023 12:00	4.9	0	10.3	323	0	2.6	51.1
12/15/2023 13:00	4.9	0	11.6	323	0	2.5	54.4
12/15/2023 14:00	5.1	0	13.3	335	0	3	56.5

12/15/2023 15:00	4.2	0	9.4	326	0	3.1	57.9
12/15/2023 16:00	4	0	10.1	334	0	2.7	58
12/15/2023 17:00	2.5	0	8.5	325	0	2	56
12/15/2023 18:00	0.2	0	2.7	316	0	3.2	50.2
12/15/2023 19:00	0.3	0	2.5	337	0	5	46.3
12/15/2023 20:00	0.6	0	5.1	341	0	1.9	46.5
12/15/2023 21:00	0.1	0	1.6	157	0	1.9	41.4
12/15/2023 22:00	0.2	0	2.4	8	0	0.8	38.3
12/15/2023 23:00	1.3	0	2.8	349	0	1.9	43
12/16/2023 0:00	0.1	0	2.5	349	0	1.7	38.7
12/16/2023 1:00	0	0	0.7	342	0	0.1	33
12/16/2023 2:00	0	0	1.3	7	0	0.3	32.2
12/16/2023 3:00	0.2	0	1.4	28	0	0.3	31.1
12/16/2023 4:00	0.2	0	1.1	19	0	0.7	30
12/16/2023 5:00	0.2	0	1.1	24	0	0.4	29.5
12/16/2023 6:00	0.1	0	1.6	14	0	1.3	29
12/16/2023 7:00	0.2	0	1.6	39	0	1.2	28.7
12/16/2023 8:00	0.2	0	1.4	39	0	0.9	28.9
12/16/2023 9:00	0	0	0.7	233	0	0	30.6
12/16/2023 10:00	0	0	1.6	66	0	1.4	40.3
12/16/2023 11:00	1.1	0	3.2	73	0	1.6	50.9
12/16/2023 12:00	1.4	0	3.7	102	0	3	56.3
12/16/2023 13:00	2.1	0	7.6	170	0	5	59
12/16/2023 14:00	2.6	0	7.7	189	0	3.4	58.8
12/16/2023 15:00	2.4	0	8.1	191	0	2.9	58.8
12/16/2023 16:00	1	0	4.2	151	0	4.1	57.3
12/16/2023 17:00	0.2	0	1.3	106	0	0.8	53.2
12/16/2023 18:00	0.2	0	1.5	110	0	0.9	49.3
12/16/2023 19:00	1	0	2.1	101	0	0.7	47.6
12/16/2023 20:00	0	0	1	83	0	0.1	43.3
12/16/2023 21:00	0.1	0	1.6	111	0	1	42.8
12/16/2023 22:00	0.3	0	1.8	120	0	1.5	44
12/16/2023 23:00	0.7	0	2	119	0	1.6	43.2
12/17/2023 0:00	0.9	0	2.5	90	0	1.2	42
12/17/2023 1:00	0.9	0	2.4	63	0	1.2	39.9
12/17/2023 2:00	1.1	0	2.3	79	0	1.9	40.3
12/17/2023 3:00	0.7	0	2.4	101	0	1.2	42.1
12/17/2023 4:00	0.9	0	3	100	0	1.6	42.9
12/17/2023 5:00	1.2	0	2.9	103	0	1.7	42.9
12/17/2023 6:00	1.2	0	3.8	114	0	1.6	43.8
12/17/2023 7:00	1.2	0	3.7	117	0	2.1	44.7
12/17/2023 8:00	1.4	0	3.1	100	0	1.7	45
12/17/2023 9:00	1.3	0	3.5	105	0	1.4	45.3
12/17/2023 10:00	1.5	0	5.3	107	0	1.7	46.8

12/17/2023 11:00	1.4	0	3.6	111	0	1.7	48.6
12/17/2023 12:00	1.3	0	3.9	108	0	2.2	49.7
12/17/2023 13:00	1.3	0	3.4	112	0	2.2	50.5
12/17/2023 14:00	1	0	3.2	105	0	2.4	51.4
12/17/2023 15:00	1.1	0	3.5	103	0	2.7	52.2
12/17/2023 16:00	0.3	0	1.9	107	0	1.9	52.7
12/17/2023 17:00	0.4	0	2	87	0	0.7	52.6
12/17/2023 18:00	1	0	2.7	74	0	1.4	52.5
12/17/2023 19:00	1.6	0	3.7	69	0	1.2	52.8
12/17/2023 20:00	1.7	0	3.7	61	0	1.6	53.1
12/17/2023 21:00	2.4	0	6.2	62	0	1.9	53.3
12/17/2023 22:00	2.9	0	7.3	59	0	2.1	53.7
12/17/2023 23:00	3	0	8.5	59	0	2.1	53.7
12/18/2023 0:00	2.3	0	6.6	60	0	2.1	54
12/18/2023 1:00	1.3	0	4.2	49	0	3	54
12/18/2023 2:00	2.2	0	7.9	19	0	3.9	53.3
12/18/2023 3:00	4.1	0	11.2	354	0	3	52.1
12/18/2023 4:00	5	0	19	347	0	2.7	52.3
12/18/2023 5:00	6.1	0	18.6	345	0	2.9	51.3
12/18/2023 6:00	4.9	0	12.2	344	0	2.7	50.7
12/18/2023 7:00	6.7	0	19.4	339	0	2.8	50.3
12/18/2023 8:00	8.1	0	18.2	345	0	3.1	50.1
12/18/2023 9:00	8.8	0	22.5	344	0	3.1	49.8
12/18/2023 10:00	8.4	0	19.1	340	0	3	49.2
12/18/2023 11:00	9.1	0	23.2	337	0	2.9	50
12/18/2023 12:00	9	0	19.5	334	0	3	49.6
12/18/2023 13:00	9.5	0	21	328	0	2.9	49.5
12/18/2023 14:00	7.7	0	18	319	0	2.7	50.3
12/18/2023 15:00	8.6	0	18	322	0	2.9	50.3
12/18/2023 16:00	8.4	0	18.9	325	0	2.9	47.9
12/18/2023 17:00	7.6	0	20.2	340	0	3.1	43.6
12/18/2023 18:00	6.2	0	17.9	332	0	2.9	43
12/18/2023 19:00	6.2	0	14.4	322	0	2.4	42.7
12/18/2023 20:00	6.1	0	13.1	324	0	2.3	42
12/18/2023 21:00	6.2	0	15.6	322	0	3.1	41
12/18/2023 22:00	6.3	0	15.7	323	0	2.3	39.5
12/18/2023 23:00	4.3	0	11.9	319	0	2.8	38
12/19/2023 0:00	4.4	0	10.7	318	0	2.6	36.8
12/19/2023 1:00	4	0	9.6	316	0	2.7	36.2
12/19/2023 2:00	5.1	0	11.5	316	0	2.7	36.3
12/19/2023 3:00	3.8	0	10.8	304	0	3.3	35.6
12/19/2023 4:00	4.5	0	10.1	314	0	3	35.1
12/19/2023 5:00	5.3	0	13.2	320	0	2.8	34.8
12/19/2023 6:00	4.6	0	11.6	319	0	3.2	34.9

12/19/2023 7:00	5.8	0	14.3	320	0	2.7	35
12/19/2023 8:00	5.4	0	14.8	326	0	2.7	34.8
12/19/2023 9:00	6.3	0	16.4	323	0	2.5	35.8
12/19/2023 10:00	7.9	0	19	338	0	3	37.8
12/19/2023 11:00	8.5	0	21	345	0	3.1	38.4
12/19/2023 12:00	7	0	18.1	349	0	3.2	38.8
12/19/2023 13:00	7.7	0	20.8	343	0	2.9	38.4
12/19/2023 14:00	6.6	0	18.5	344	0	3.3	37.9
12/19/2023 15:00	5.9	0	13.8	350	0	3.3	38.5
12/19/2023 16:00	4.4	0	12.1	357	0	3.4	39
12/19/2023 17:00	5.2	0	16.8	344	0	3.2	37.3
12/19/2023 18:00	4.7	0	12.7	345	0	3	35.4
12/19/2023 19:00	3.4	0	9.6	352	0	2.9	34.4
12/19/2023 20:00	2.9	0	8	349	0	3	33.4
12/19/2023 21:00	1.7	0	5.2	346	0	3	32.2
12/19/2023 22:00	1.9	0	5.9	355	0	3.1	31.5
12/19/2023 23:00	1	0	3.5	11	0	2.1	30.5
12/20/2023 0:00	0.6	0	3	10	0	3.1	28.8
12/20/2023 1:00	0.7	0	3.1	355	0	2.2	28.7
12/20/2023 2:00	0.7	0	4.1	345	0	2	28.5
12/20/2023 3:00	0.5	0	3	359	0	1	27.1
12/20/2023 4:00	0.2	0	2.2	10	0	1.4	26.5
12/20/2023 5:00	0.6	0	3	354	0	1.7	26.9
12/20/2023 6:00	0.7	0	3.2	352	0	2.3	27.5
12/20/2023 7:00	0.6	0	2.9	355	0	2	27.4
12/20/2023 8:00	0.8	0	5	296	0	4.5	27.3
12/20/2023 9:00	1.9	0	6.1	306	0	3.6	29.3
12/20/2023 10:00	4.1	0	10.5	328	0	2.8	32
12/20/2023 11:00	4.2	0	9.9	331	0	3	35.7
12/20/2023 12:00	4.3	0	9.9	329	0	3.1	38.6
12/20/2023 13:00	3.7	0	10.6	324	0	3.3	42
12/20/2023 14:00	3.2	0	7.3	345	0	3.6	44.8
12/20/2023 15:00	3.9	0	8.7	335	0	3.3	44.8
12/20/2023 16:00	2.9	0	7.1	342	0	3.1	45
12/20/2023 17:00	1.7	0	7.6	349	0	2.5	43.6
12/20/2023 18:00	0	0	0.3	354	0	0	38.1
12/20/2023 19:00	0.1	0	1.2	18	0	0.5	34.5
12/20/2023 20:00	0.4	0	1.7	9	0	0.7	32.4
12/20/2023 21:00	0.1	0	1.8	359	0	0.3	33.9
12/20/2023 22:00	0.1	0	1.3	17	0	1.2	31
12/20/2023 23:00	0.2	0	1.5	24	0	0.5	29.9
12/21/2023 0:00	0	0	1.4	13	0	0.2	28.4
12/21/2023 1:00	0	0	1	10	0	0.3	29.4
12/21/2023 2:00	0.6	0	2.4	26	0	1.2	29.8

12/21/2023 3:00	0.2	0	1.8	14	0	1.2	30.5
12/21/2023 4:00	0	0	0.8	357	0	0.3	29.3
12/21/2023 5:00	0.2	0	1.3	33	0	0.5	27.6
12/21/2023 6:00	0.3	0	1.2	47	0	0.8	28.1
12/21/2023 7:00	0.1	0	1.1	28	0	0.2	27.8
12/21/2023 8:00	0.3	0	1.8	30	0	0.4	26.5
12/21/2023 9:00	0.2	0	1.7	28	0	0.3	29.3
12/21/2023 10:00	0.6	0	2.2	74	0	1.4	37.5
12/21/2023 11:00	1.1	0	3.8	59	0	2.6	40.2
12/21/2023 12:00	1.5	0	3.8	70	0	2.1	42.1
12/21/2023 13:00	1.8	0	6.7	6	0	4.5	43.2
12/21/2023 14:00	1.8	0	5.7	5	0	3.8	43.4
12/21/2023 15:00	1.9	0	7.6	360	0	3.6	43.2
12/21/2023 16:00	0.7	0	2.9	36	0	2.3	42.5
12/21/2023 17:00	0.8	0	3.6	18	0	2.5	41.2
12/21/2023 18:00	0.3	0	3.3	27	0	1.6	40.3
12/21/2023 19:00	0.2	0	2.2	32	0	1.6	39.6
12/21/2023 20:00	0.1	0	1.4	56	0	0.9	38.3
12/21/2023 21:00	0	0	0.9	32	0	0.3	35.2
12/21/2023 22:00	0	0	1	355	0	0.6	33.7
12/21/2023 23:00	0.2	0	1.5	17	0	1.1	31.6
12/22/2023 0:00	0.3	0	1.3	59	0	0.4	32.5
12/22/2023 1:00	0.1	0	1.1	78	0	0.3	34.3
12/22/2023 2:00	0.2	0	1.6	88	0	0.3	35.4
12/22/2023 3:00	0	0	0	0	0	0	35.4
12/22/2023 4:00	0.1	0	1	81	0	0.1	34.2
12/22/2023 5:00	0	0	1.3	79	0	0	32.2
12/22/2023 6:00	0	0	1	40	0	0	31.4
12/22/2023 7:00	0.2	0	1.5	44	0	0.6	29.7
12/22/2023 8:00	0.5	0	1.2	54	0	0.5	28.8
12/22/2023 9:00	0.2	0	1.4	62	0	1.8	29.8
12/22/2023 10:00	0.5	0	3.1	114	0	3.1	36
12/22/2023 11:00	1.5	0	6.2	178	0	5	41
12/22/2023 12:00	1.7	0	5.4	205	0	5.3	43.6
12/22/2023 13:00	2.2	0	9.7	207	0	4.7	46.1
12/22/2023 14:00	2	0	6.9	214	0	4.5	46.8
12/22/2023 15:00	0.8	0	4.9	92	0	5.1	47
12/22/2023 16:00	0.4	0	2	84	0	1.2	46.1
12/22/2023 17:00	0.3	0	1.3	103	0	0.1	44.2
12/22/2023 18:00	1	0	3.3	113	0	1.1	41.8
12/22/2023 19:00	0.8	0	2.2	109	0	1.4	40.4
12/22/2023 20:00	0.7	0	1.7	102	0	0.8	39.5
12/22/2023 21:00	0.2	0	1.1	112	0	0.5	39.6
12/22/2023 22:00	0.3	0	1.6	101	0	0.9	39.4

12/22/2023 23:00	0.4	0	1.9	108	0	0.9	38.9
12/23/2023 0:00	0.5	0	2.6	127	0	2.4	38.5
12/23/2023 1:00	0.2	0	2	112	0	1.5	37.3
12/23/2023 2:00	0.1	0	1	80	0	0.7	35.8
12/23/2023 3:00	0.1	0	1.3	64	0	0.1	34.3
12/23/2023 4:00	0.3	0	1.6	66	0	0.8	33.5
12/23/2023 5:00	0.4	0	1.5	53	0	1.2	31.2
12/23/2023 6:00	0.1	0	1	46	0	0.3	31.5
12/23/2023 7:00	0.1	0	1.1	33	0	0.4	32.9
12/23/2023 8:00	0	0	0	0	0	0	34.2
12/23/2023 9:00	0	0	1.5	180	0	1.6	36.5
12/23/2023 10:00	0.7	0	4.3	178	0	3.1	39.9
12/23/2023 11:00	2.6	0	7.3	193	0	2.6	42.6
12/23/2023 12:00	3.1	0	6.8	200	0	2.4	44.4
12/23/2023 13:00	3.8	0	8.4	196	0	2.3	45.9
12/23/2023 14:00	3.6	0	8	202	0	2.4	46.3
12/23/2023 15:00	3	0	6.5	198	0	2.2	46.3
12/23/2023 16:00	1.7	0	6.9	174	0	3.3	46.5
12/23/2023 17:00	2	0	6.8	202	0	3.8	46.5
12/23/2023 18:00	0.2	0	2.1	212	0	0.7	45.3
12/23/2023 19:00	0	0	0.9	238	0	1.2	43.3
12/23/2023 20:00	0	0	0.1	37	0	0	42.5
12/23/2023 21:00	0	0	0	0	0	0	42.6
12/23/2023 22:00	0	0	0.2	316	0	0.1	41.4
12/23/2023 23:00	0	0	0	0	0	0	41.2
12/24/2023 0:00	0.1	0	1.4	30	0	1.3	40.8
12/24/2023 1:00	0.3	0	1.6	27	0	1.3	38.5
12/24/2023 2:00	0.5	0	1.8	46	0	1.5	36.4
12/24/2023 3:00	0.5	0	2.2	52	0	1.1	35.2
12/24/2023 4:00	0.1	0	1.6	25	0	0.2	35.5
12/24/2023 5:00	0.1	0	1.9	51	0	1.8	36.9
12/24/2023 6:00	0.1	0	1.3	297	0	2.6	39
12/24/2023 7:00	0	0	0.5	327	0	0	39.8
12/24/2023 8:00	0	0	0	0	0	0	39.9
12/24/2023 9:00	0	0	0	0	0	0	40.4
12/24/2023 10:00	0.2	0	1.7	204	0	4.2	42.2
12/24/2023 11:00	0.8	0	3.6	218	0	3.4	44.2
12/24/2023 12:00	0.6	0	2.7	325	0	6	46.7
12/24/2023 13:00	0.8	0	4.5	269	0	7.1	48.1
12/24/2023 14:00	1.1	0	4.1	222	0	4.4	49.7
12/24/2023 15:00	0.8	0	3.4	197	0	2.4	50.4
12/24/2023 16:00	0.3	0	1.8	100	0	2.5	51.4
12/24/2023 17:00	0.4	0	1.7	90	0	1	49
12/24/2023 18:00	0	0	0	0	0	0	44.7

12/24/2023 19:00	0	0	1.1	7	0	1.5	42
12/24/2023 20:00	0.5	0	2.2	58	0	1.4	42.6
12/24/2023 21:00	0.4	0	2.2	62	0	2.9	42.4
12/24/2023 22:00	0.6	0	1.8	61	0	2.1	42.8
12/24/2023 23:00	0.2	0	1.4	51	0	3	42.5
12/25/2023 0:00	0.5	0	2.1	63	0	1.7	42.1
12/25/2023 1:00	0.3	0	1.6	90	0	1.8	42.1
12/25/2023 2:00	0.4	0	2.3	45	0	2.8	42.5
12/25/2023 3:00	0.3	0	1.5	73	0	1.3	41.8
12/25/2023 4:00	0.7	0	2.2	72	0	1.8	41.2
12/25/2023 5:00	0.5	0	1.8	66	0	1.8	40.5
12/25/2023 6:00	0.6	0	1.5	76	0	1.6	40
12/25/2023 7:00	0.6	0	1.8	57	0	1.5	38.6
12/25/2023 8:00	0.3	0	1.6	33	0	1.3	38
12/25/2023 9:00	0.1	0	1.7	114	0	0.2	39.5
12/25/2023 10:00	0.6	0	2.2	101	0	3.7	44.6
12/25/2023 11:00	1.1	0	5.5	181	0	4.6	50
12/25/2023 12:00	1.5	0	6.5	171	0	4.3	54
12/25/2023 13:00	2	0	7.9	177	0	4.3	56.8
12/25/2023 14:00	2.2	0	6.3	192	0	3.4	56.5
12/25/2023 15:00	1.8	0	6.3	187	0	3	58
12/25/2023 16:00	1.1	0	5	159	0	4.4	59.3
12/25/2023 17:00	0.1	0	1.2	112	0	1.5	54.5
12/25/2023 18:00	0.7	0	1.6	108	0	1	51.4
12/25/2023 19:00	1	0	2	98	0	0.8	49.2
12/25/2023 20:00	1	0	1.9	97	0	0.6	46.8
12/25/2023 21:00	0.9	0	2.4	95	0	0.8	45.2
12/25/2023 22:00	0.9	0	2.4	99	0	0.6	45
12/25/2023 23:00	0.6	0	1.8	64	0	1.7	43.1
12/26/2023 0:00	0.2	0	1.3	52	0	1.4	40.9
12/26/2023 1:00	0.5	0	1.6	44	0	0.8	41
12/26/2023 2:00	0.5	0	1.7	81	0	1.5	43
12/26/2023 3:00	0.4	0	1.8	100	0	0.5	43.7
12/26/2023 4:00	0.7	0	2.5	107	0	1.3	43.1
12/26/2023 5:00	1.2	0	3.7	105	0	1.9	42.7
12/26/2023 6:00	0.4	0	3	100	0	1.1	42.7
12/26/2023 7:00	0.1	0	1.5	85	0	0.5	43.1
12/26/2023 8:00	0	0	0	0	0	0	43.3
12/26/2023 9:00	0	0	1	104	0	0.3	43.9
12/26/2023 10:00	0.2	0	1.8	112	0	1	44.5
12/26/2023 11:00	0.5	0	1.8	120	0	1.7	45.6
12/26/2023 12:00	0.5	0	2.2	137	0	2.6	46.4
12/26/2023 13:00	0.5	0	3.7	154	0	3.1	47.2
12/26/2023 14:00	0.7	0	2.7	139	0	3.2	47.5

12/26/2023 15:00	0.6	0	3	142	0	2.9	47.5
12/26/2023 16:00	0.3	0	2.2	124	0	1.7	47.2
12/26/2023 17:00	0.5	0	2.6	114	0	1	46.5
12/26/2023 18:00	0.4	0	1.9	115	0	1.2	46
12/26/2023 19:00	0.3	0	1.6	95	0	0.7	45.9
12/26/2023 20:00	0.2	0	2.3	92	0	0.4	45.6
12/26/2023 21:00	0.6	0	2.7	107	0	1	45.3
12/26/2023 22:00	1.1	0	2.6	112	0	1.4	45.2
12/26/2023 23:00	0.5	0	2	115	0	1.1	45.5
12/27/2023 0:00	0.1	0	1.3	122	0	1	45.7
12/27/2023 1:00	0.6	0	2.5	122	0	1.8	45.5
12/27/2023 2:00	0.2	0	3.1	133	0	3.8	45.4
12/27/2023 3:00	0.4	0	2.9	102	0	1.9	45.4
12/27/2023 4:00	0.4	0	2.2	38	0	4.5	45.6
12/27/2023 5:00	1	0	3.1	86	0	1.5	45.5
12/27/2023 6:00	1.2	0	3.2	94	0	1.5	45.3
12/27/2023 7:00	1.4	0	3.5	106	0	1.5	45.1
12/27/2023 8:00	1.3	0	4.2	104	0	2	45.4
12/27/2023 9:00	1.3	0	4	107	0	1.9	46
12/27/2023 10:00	1.8	0	4.9	108	0	1.6	46.6
12/27/2023 11:00	1	0	4.2	117	0	2.4	48
12/27/2023 12:00	0.9	0	4.3	130	0	4.5	48.6
12/27/2023 13:00	1.4	0	3.9	123	0	2.6	48.7
12/27/2023 14:00	1.2	0	4.3	124	0	4.3	50.8
12/27/2023 15:00	1	0	6	138	0	4	52
12/27/2023 16:00	1.5	0	4.1	116	0	1.9	52.4
12/27/2023 17:00	1.4	0	4.1	99	0	3.2	52.4
12/27/2023 18:00	0.9	0	2.9	73	0	2.3	52.3
12/27/2023 19:00	1.6	0	3.6	88	0	2	52.5
12/27/2023 20:00	1.5	0	5.6	75	0	4.4	52.5
12/27/2023 21:00	0.4	0	2.2	61	0	3.6	52.7
12/27/2023 22:00	0	0	1.6	41	0	0.3	52.6
12/27/2023 23:00	0	0	1.4	76	0	0.5	52.5
12/28/2023 0:00	0	0	1.4	354	0	0.2	52.3
12/28/2023 1:00	0.8	0	4	14	0	2.4	51.4
12/28/2023 2:00	0.6	0	4	32	0	2.3	50.2
12/28/2023 3:00	0.5	0	2.8	17	0	2	49.5
12/28/2023 4:00	1.3	0	5.5	7	0	2.2	49
12/28/2023 5:00	1.2	0	5.3	2	0	2.4	48.8
12/28/2023 6:00	2.5	0	6.6	328	0	2.5	49.1
12/28/2023 7:00	2.6	0	6.1	332	0	2.7	49.1
12/28/2023 8:00	1.6	0	5.8	5	0	3	48.7
12/28/2023 9:00	2.2	0	6.9	340	0	3.1	48.7
12/28/2023 10:00	2.2	0	6.5	339	0	3.2	49.8

12/28/2023 11:00	3.3	0	9	323	0	2.8	50.7
12/28/2023 12:00	3.2	0	9.4	339	0	3.3	52.5
12/28/2023 13:00	3.8	0	10.2	346	0	3.2	54.7
12/28/2023 14:00	2.9	0	8.1	331	0	3.6	57.2
12/28/2023 15:00	3.6	0	9.8	325	0	2.6	56.1
12/28/2023 16:00	2.6	0	6.6	348	0	3.1	56
12/28/2023 17:00	0.7	0	5.5	13	0	2	54.9
12/28/2023 18:00	0	0	0.7	27	0	0.1	49.1
12/28/2023 19:00	0	0	0	0	0	0	46
12/28/2023 20:00	0.1	0	1.1	24	0	0.1	45.1
12/28/2023 21:00	0.9	0	5.3	347	0	2.2	47.3
12/28/2023 22:00	1.7	0	4.9	344	0	2.6	50
12/28/2023 23:00	2.9	0	7	322	0	2.2	50
12/29/2023 0:00	2.2	0	5.8	330	0	2.2	49.3
12/29/2023 1:00	2.5	0	6.6	327	0	2.3	49
12/29/2023 2:00	2.2	0	7.2	340	0	2.6	48
12/29/2023 3:00	1.7	0	6	340	0	2.5	47.2
12/29/2023 4:00	1.7	0	4.5	335	0	2.3	46.9
12/29/2023 5:00	2.2	0	5.4	326	0	2.1	46.5
12/29/2023 6:00	1.6	0	5.6	334	0	2.3	45.3
12/29/2023 7:00	1.3	0	5.4	319	0	2.3	44.7
12/29/2023 8:00	0.1	0	2.4	324	0	0.9	41.9
12/29/2023 9:00	1.3	0	6.4	332	0	2	42.9
12/29/2023 10:00	2.9	0	8.7	344	0	3.1	46.8
12/29/2023 11:00	2.4	0	7.6	356	0	3.3	48.4
12/29/2023 12:00	3.3	0	7.4	336	0	3.5	49.2
12/29/2023 13:00	2.5	0	6.3	341	0	3.8	49.8
12/29/2023 14:00	2.2	0	6.5	312	0	4.2	50.7
12/29/2023 15:00	3.1	0	9.1	312	0	3.6	51.7
12/29/2023 16:00	2.8	0	7.6	316	0	3.1	50.6
12/29/2023 17:00	3.2	0	7.3	328	0	2.7	49.4
12/29/2023 18:00	2.4	0	6.5	330	0	2.4	48.7
12/29/2023 19:00	3.2	0	8.1	325	0	2.4	47.8
12/29/2023 20:00	3.4	0	8.1	336	0	3	46
12/29/2023 21:00	4.3	0	11.9	354	0	2.9	44.6
12/29/2023 22:00	3.4	0	9.4	358	0	2.8	44
12/29/2023 23:00	2.8	0	8.6	358	0	3	43.4
12/30/2023 0:00	3.1	0	10.9	355	0	3	42.7
12/30/2023 1:00	3.4	0	11.1	351	0	3	42
12/30/2023 2:00	3.9	0	9.4	328	0	2.7	41.2
12/30/2023 3:00	3.1	0	9.2	310	0	3	39.6
12/30/2023 4:00	2.7	0	8	309	0	3	38.3
12/30/2023 5:00	1.1	0	4.5	285	0	3.9	37.6
12/30/2023 6:00	1.5	0	5	258	0	4.4	38.2

12/30/2023 7:00	1.6	0	5.4	228	0	3.6	38
12/30/2023 8:00	1.3	0	5.1	218	0	3.2	36.8
12/30/2023 9:00	2.6	0	6.3	252	0	4.8	38.1
12/30/2023 10:00	3.6	0	8.8	301	0	3.8	40.9
12/30/2023 11:00	3.7	0	12.7	302	0	4.2	42.6
12/30/2023 12:00	4.3	0	13.8	293	0	4.4	43.3
12/30/2023 13:00	4.3	0	10.6	303	0	3.8	44.2
12/30/2023 14:00	5.2	0	12.6	312	0	3.4	46
12/30/2023 15:00	4.2	0	9.8	310	0	3.6	46.7
12/30/2023 16:00	5.7	0	13.3	320	0	3	47.8
12/30/2023 17:00	4.7	0	11.4	320	0	2.7	46.7
12/30/2023 18:00	4.4	0	11.8	325	0	2.5	45.9
12/30/2023 19:00	3.9	0	8.8	319	0	2.4	45.4
12/30/2023 20:00	4.1	0	10.3	318	0	2.4	44.3
12/30/2023 21:00	4	0	11.5	318	0	2.7	44.1
12/30/2023 22:00	2.9	0	9	311	0	2.9	43.7
12/30/2023 23:00	3.6	0	9.3	316	0	2.9	43.2
12/31/2023 0:00	3.6	0	9.5	308	0	3.3	42.7
12/31/2023 1:00	5.9	0	12.8	317	0	2.9	42.6
12/31/2023 2:00	4.4	0	10.8	317	0	3	41.5
12/31/2023 3:00	3.3	0	8.8	314	0	3	41
12/31/2023 4:00	2.5	0	7.4	326	0	2.6	40.9
12/31/2023 5:00	2.3	0	8.2	338	0	2.8	40.5
12/31/2023 6:00	2.3	0	7.2	331	0	3.1	40
12/31/2023 7:00	2	0	6.7	355	0	2.9	39.5
12/31/2023 8:00	1.7	0	8.4	6	0	2.6	40.2
12/31/2023 9:00	0.1	0	1.9	242	0	2.3	40.6
12/31/2023 10:00	1.8	0	4.3	223	0	3.3	41.7
12/31/2023 11:00	2.1	0	7.1	257	0	4.9	43.1
12/31/2023 12:00	3.2	0	8.7	307	0	4.7	44.5
12/31/2023 13:00	3.5	0	9.5	312	0	4.3	46.4
12/31/2023 14:00	3.1	0	8.3	288	0	5.6	46.8
12/31/2023 15:00	3.5	0	10.2	237	0	4.8	47.7
12/31/2023 16:00	2.7	0	6.7	250	0	5	47.8
12/31/2023 17:00	1.4	0	5.4	227	0	3.7	46.1
12/31/2023 18:00	0.8	0	4.5	190	0	2.1	44.8
12/31/2023 19:00	1.4	0	3.6	190	0	1.7	44
12/31/2023 20:00	1.8	0	4.4	192	0	1.7	44.3
12/31/2023 21:00	1.4	0	4.1	196	0	1.8	44.2
12/31/2023 22:00	1.1	0	3	196	0	2	43.9
12/31/2023 23:00	0.4	0	1.3	93	0	0.6	42.6

Code	2M_RH	Code	PRECIP	Code
0	687	0	0	0
0	782	0	0	0
0	840	0	0	0
0	869	0	0	0
0	887	0	0	0
0	895	0	0	0
0	898	0	0	0
0	887	0	0	0
0	873	0	0	0
0	811	0	0	0
0	629	0	0	0
0	590	0	0	0
0	562	0	0	0
0	660	0	0.02	0
0	744	0	0	0
0	793	0	0.03	0
0	874	0	0.04	0
0	937	0	0.06	0
0	968	0	0.02	0
0	955	0	0	0
0	961	0	0	0
0	956	0	0	0
0	962	0	0	0
0	969	0	0	0
0	972	0	0	0
0	980	0	0	0
0	978	0	0	0
0	980	0	0	0
0	986	0	0	0
0	994	0	0	0
0	995	0	0	0
0	996	0	0	0
0	997	0	0	0
0	999	0	0	0
0	999	0	0	0
0	998	0	0	0
0	994	0	0	0
0	955	0	0	0
0	834	0	0	0
0	802	0	0	0
0	828	0	0	0
0	864	0	0	0
0	910	0	0	0

0	946	0	0	0
0	959	0	0	0
0	964	0	0	0
0	974	0	0	0
0	981	0	0	0
0	987	0	0	0
0	991	0	0.02	0
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0	991	0	0	0
0	991	0	0	0
0	988	0	0	0
0	981	0	0	0
0	982	0	0	0
0	989	0	0	0
0	993	0	0	0
0	995	0	0	0
0	990	0	0	0
0	985	0	0	0
0	897	0	0	0
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0	641	0	0	0
0	554	0	0	0
0	541	0	0	0
0	513	0	0	0
0	475	0	0	0
0	456	0	0	0

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0	486	0	0	0
0	507	0	0	0
0	558	0	0	0
0	585	0	0	0
0	651	0	0	0
0	776	0	0	0
0	769	0	0	0
0	756	0	0	0
0	796	0	0	0
0	669	0	0	0
0	654	0	0	0
0	657	0	0	0
0	704	0	0	0
0	751	0	0	0
0	832	0	0	0
0	886	0	0	0
0	880	0	0	0
0	764	0	0	0
0	620	0	0	0
0	539	0	0	0
0	510	0	0	0
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0	897	0	0	0
0	891	0	0	0
0	889	0	0	0
0	890	0	0	0
0	853	0	0	0
0	770	0	0	0

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0	552	0	0	0
0	554	0	0	0
0	569	0	0	0
0	522	0	0	0
0	500	0	0	0
0	491	0	0	0
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0	528	0	0	0
0	558	0	0	0
0	564	0	0	0
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0	604	0	0	0
0	622	0	0	0
0	650	0	0	0
0	703	0	0	0
0	653	0	0	0
0	645	0	0	0
0	621	0	0	0
0	635	0	0	0
0	649	0	0	0
0	603	0	0	0
0	581	0	0	0
0	538	0	0	0
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0	836	0	0	0
0	865	0	0	0
0	882	0	0	0
0	903	0	0	0
0	913	0	0	0
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0	878	0	0	0
0	730	0	0	0
0	530	0	0	0
0	431	0	0	0
0	412	0	0	0
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0	382	0	0	0
0	381	0	0	0
0	432	0	0	0
0	505	0	0	0
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0	688	0	0	0
0	744	0	0	0
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0	890	0	0	0
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0	957	0	0	0
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0	969	0	0	0
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0	973	0	0	0
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0	877	0	0	0
0	670	0	0	0
0	573	0	0	0
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0	532	0	0	0
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0	835	0	0	0
0	854	0	0	0
0	693	0	0	0
0	704	0	0	0
0	744	0	0	0
0	791	0	0	0

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0	854	0	0	0
0	871	0	0	0
0	876	0	0	0
0	889	0	0	0
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0	956	0	0.07	0
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0	980	0	0	0
0	985	0	0	0
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0	509	0	0	0
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0	568	0	0	0
0	592	0	0	0
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0	875	0	0	0
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0	702	0	0	0
0	575	0	0	0
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0	477	0	0	0
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0	588	0	0	0
0	594	0	0	0
0	655	0	0	0
0	694	0	0	0
0	796	0	0	0
0	806	0	0	0
0	708	0	0	0
0	738	0	0	0
0	871	0	0	0
0	899	0	0	0
0	894	0	0	0
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0	306	0	0	0
0	392	0	0	0

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0	396	0	0	0
0	423	0	0	0
0	425	0	0	0
0	590	0	0	0
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0	613	0	0	0
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0	686	0	0	0
0	693	0	0	0
0	743	0	0	0
0	762	0	0	0
0	793	0	0	0
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0	461	0	0	0
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0	553	0	0	0
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0	498	0	0	0
0	620	0	0	0
0	762	0	0	0
0	794	0	0	0
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0	849	0	0	0
0	861	0	0	0
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0	876	0	0	0
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0	986	0	0	0
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0	986	0	0	0
0	987	0	0	0

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0	951	0	0	0
0	969	0	0.03	0
0	983	0	0.05	0
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0	993	0	0.39	0
0	991	0	0.3	0
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0	992	0	0.23	0
0	990	0	0.08	0
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0	970	0	0.02	0
0	954	0	0	0
0	936	0	0.01	0
0	870	0	0	0
0	752	0	0	0
0	674	0	0	0
0	624	0	0	0
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0	570	0	0	0
0	564	0	0	0
0	580	0	0	0
0	589	0	0	0
0	592	0	0	0
0	573	0	0	0

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0	443	0	0	0
0	457	0	0	0
0	440	0	0	0
0	418	0	0	0
0	450	0	0	0
0	494	0	0	0
0	520	0	0	0
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0	564	0	0	0
0	564	0	0	0
0	583	0	0	0
0	630	0	0	0
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0	658	0	0	0
0	662	0	0	0
0	682	0	0	0
0	629	0	0	0
0	561	0	0	0
0	491	0	0	0
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0	325	0	0	0
0	319	0	0	0
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0	595	0	0	0
0	673	0	0	0
0	725	0	0	0
0	776	0	0	0
0	778	0	0	0
0	767	0	0	0

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0	816	0	0	0
0	790	0	0	0
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0	477	0	0	0
0	457	0	0	0
0	432	0	0	0
0	464	0	0	0
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0	552	0	0	0
0	590	0	0	0
0	632	0	0	0
0	724	0	0	0
0	778	0	0	0
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0	542	0	0	0
0	568	0	0	0
0	607	0	0	0
0	657	0	0	0
0	663	0	0	0
0	678	0	0	0

0	685	0	0	0
0	727	0	0	0
0	788	0	0	0
0	840	0	0	0
0	883	0	0	0
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0	841	0	0	0
0	900	0	0	0
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0	960	0	0.03	0
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0	807	0	0	0
0	758	0	0	0
0	743	0	0	0
0	719	0	0	0
0	780	0	0	0
0	860	0	0	0

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0	821	0	0	0
0	842	0	0	0
0	883	0	0	0
0	921	0	0	0
0	933	0	0	0
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0	953	0	0	0
0	956	0	0	0
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0	979	0	0	0
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0	987	0	0.05	0
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0	974	0	0	0
0	967	0	0.01	0
0	958	0	0	0

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0	965	0	0	0
0	976	0	0	0
0	983	0	0	0
0	985	0	0	0
0	987	0	0	0
0	989	0	0	0
0	991	0	0.01	0
0	992	0	0.02	0
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0	990	0	0.02	0
0	991	0	0.02	0
0	991	0	0.01	0
0	991	0	0	0
0	991	0	0.03	0
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0	990	0	0.02	0
0	989	0	0	0
0	988	0	0	0
0	992	0	0.04	0
0	990	0	0.02	0
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0	984	0	0.07	0
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0	988	0	0.18	0
0	991	0	0.06	0
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0	995	0	0	0
0	994	0	0.01	0
0	992	0	0	0
0	989	0	0	0
0	985	0	0	0
0	971	0	0	0

0	945	0	0	0
0	891	0	0	0
0	817	0	0	0
0	743	0	0	0
0	745	0	0	0
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0	666	0	0	0
0	679	0	0	0
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0	696	0	0	0
0	697	0	0	0
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0	492	0	0	0
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0	564	0	0	0
0	602	0	0	0
0	654	0	0	0
0	671	0	0	0
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0	553	0	0	0
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0	529	0	0	0
0	505	0	0	0
0	525	0	0	0
0	541	0	0	0
0	546	0	0	0
0	572	0	0	0
0	581	0	0	0
0	591	0	0	0
0	579	0	0	0
0	568	0	0	0
0	514	0	0	0
0	520	0	0	0
0	533	0	0	0
0	543	0	0	0
0	546	0	0	0
0	534	0	0	0
0	537	0	0	0
0	529	0	0	0
0	544	0	0	0
0	531	0	0	0
0	513	0	0	0
0	496	0	0	0
0	476	0	0	0
0	475	0	0	0
0	451	0	0	0
0	440	0	0	0
0	473	0	0	0
0	525	0	0	0
0	550	0	0	0
0	544	0	0	0
0	552	0	0	0
0	580	0	0	0
0	655	0	0	0