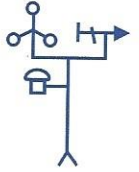




# TECHNICAL ENVIRONMENTAL SERVICES, LLC



March 18, 2020

Mr. Jamie C. Foster  
Department of Environmental Protection  
Division of Solid Waste Services  
16101 Frederick Road  
Derwood, MD 20855

Dear Jamie:

Enclosed is the monthly meteorological report for the Gude Drive Landfill sites meteorological instrumentation for February 2020. All the instrumentation functioned normally during February. Data recovery for all the parameters was near 100%. February had a precipitation total of 1.42 inches.

Attached is a wind rose for the month of February 2020 and a table showing the data collection percentage for each parameter in 2020.

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

Best regards,

Mark Abrams  
President - TES

GUDE DRIVE METEOROLOGICAL TOWER  
DATA RECOVERY  
JANUARY-FEBRUARY 2020

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

Run Date: 2/17/2020 1:01:15 PM

### WIND ROSE

(WINDS FROM)

N

↓

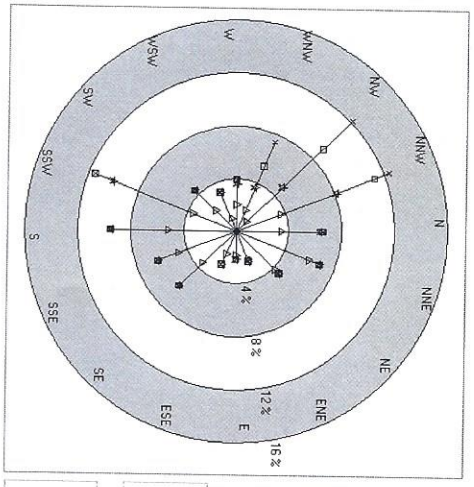
0.00% PERCENT CALMS  
(NOT INCLUDED IN PLOT)

Start Date: 2/1/2020 01:00

End Date: 2/29/2020 23:00

Sensors Selected:

3M\_VWD



- 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
2/1/20 1:00	0.9	0	0.0	041	0	033	33.6	0	8.80	0	0.00	0
2/1/20 2:00	1.6	0	0.0	060	0	040	32.4	0	9.10	0	0.00	0
2/1/20 3:00	1.7	0	0.0	010	0	038	30.4	0	9.50	0	0.00	0
2/1/20 4:00	1.3	0	0.0	048	0	035	29.7	0	9.40	0	0.00	0
2/1/20 5:00	1.3	0	0.0	022	0	024	28.1	0	9.70	0	0.00	0
2/1/20 6:00	0.4	0	0.0	039	0	030	27.5	0	9.70	0	0.00	0
2/1/20 7:00	0.5	0	0.0	037	0	030	27.1	0	9.70	0	0.00	0
2/1/20 8:00	1.3	0	0.0	046	0	037	27.7	0	9.60	0	0.00	0
2/1/20 9:00	1.5	0	0.0	027	0	061	29.0	0	9.70	0	0.00	0
2/1/20 10:00	0.5	0	0.0	021	0	030	31.6	0	9.50	0	0.00	0
2/1/20 11:00	1.0	0	0.0	052	0	048	34.8	0	8.80	0	0.00	0
2/1/20 12:00	1.0	0	0.0	338	0	058	38.4	0	7.90	0	0.00	0
2/1/20 13:00	2.4	0	0.0	281	0	063	41.1	0	7.20	0	0.00	0
2/1/20 14:00	3.2	0	0.0	282	0	042	43.5	0	6.70	0	0.00	0
2/1/20 15:00	2.7	0	0.0	311	0	063	45.7	0	6.60	0	0.00	0
2/1/20 16:00	2.8	0	0.0	270	0	051	47.2	0	6.30	0	0.00	0
2/1/20 17:00	2.3	0	0.0	235	0	046	47.4	0	6.30	0	0.00	0
2/1/20 18:00	1.8	0	0.0	279	0	036	46.0	0	6.90	0	0.00	0
2/1/20 19:00	3.3	0	0.0	352	0	019	42.7	0	8.50	0	0.01	0
2/1/20 20:00	2.7	0	0.0	353	0	020	40.7	0	9.30	0	0.04	0
2/1/20 21:00	0.8	0	0.0	010	0	028	39.8	0	9.50	0	0.03	0
2/1/20 22:00	0.8	0	0.0	359	0	019	39.4	0	9.70	0	0.02	0
2/1/20 23:00	2.1	0	0.0	354	0	025	39.2	0	9.60	0	0.00	0
2/2/20 0:00	1.5	0	0.0	323	0	030	38.4	0	9.60	0	0.01	0
2/2/20 1:00	3.1	0	5.6	314	0	009	37.9	0	95.80	0	0.00	0
2/2/20 2:00	2.8	0	6.1	291	0	018	37.3	0	94.00	0	0.00	0
2/2/20 3:00	4.5	0	8.3	298	0	011	36.7	0	92.60	0	0.00	0
2/2/20 4:00	3.8	0	6.4	296	0	009	35.8	0	90.80	0	0.00	0
2/2/20 5:00	3.0	0	5.1	295	0	012	35.6	0	90.10	0	0.00	0
2/2/20 6:00	4.7	0	9.3	296	0	011	35.8	0	86.90	0	0.00	0
2/2/20 7:00	3.4	0	6.5	297	0	013	36.5	0	84.40	0	0.00	0
2/2/20 8:00	4.5	0	11.3	289	0	018	37.3	0	81.60	0	0.00	0
2/2/20 9:00	2.4	0	9.7	249	0	078	37.6	0	75.30	0	0.00	0
2/2/20 10:00	4.8	0	10.9	310	0	023	39.4	0	60.30	0	0.00	0
2/2/20 11:00	7.4	0	13.5	305	0	017	40.3	0	57.50	0	0.00	0
2/2/20 12:00	6.4	0	16.2	304	0	021	39.5	0	66.70	0	0.00	0
2/2/20 13:00	3.6	0	9.4	219	0	034	38.0	0	80.90	0	0.00	0
2/2/20 14:00	5.3	0	14.2	194	0	028	40.9	0	73.20	0	0.00	0
2/2/20 15:00	6.8	0	15.2	191	0	029	43.9	0	65.00	0	0.00	0
2/2/20 16:00	8.4	0	17.8	196	0	029	47.0	0	57.30	0	0.00	0
2/2/20 17:00	7.9	0	18.4	201	0	023	49.7	0	49.50	0	0.00	0
2/2/20 18:00	7.4	0	17.0	208	0	021	53.0	0	38.40	0	0.00	0
2/2/20 19:00	3.9	0	14.3	212	0	023	52.2	0	39.50	0	0.00	0
2/2/20 20:00	4.1	0	9.7	256	0	034	50.9	0	42.60	0	0.00	0
2/2/20 21:00	3.1	0	6.3	243	0	020	51.1	0	43.00	0	0.00	0
2/2/20 22:00	2.6	0	4.8	268	0	029	49.8	0	46.10	0	0.00	0
2/2/20 23:00	4.8	0	14.2	291	0	018	50.5	0	48.70	0	0.00	0
2/3/20 0:00	9.9	0	19.7	308	0	012	56.4	0	42.40	0	0.00	0
2/3/20 1:00	11.3	0	24.3	314	0	012	57.3	0	42.00	0	0.00	0
2/3/20 2:00	13.2	0	27.1	318	0	011	57.8	0	42.30	0	0.00	0
2/3/20 3:00	10.4	0	18.4	318	0	013	57.1	0	43.50	0	0.00	0
2/3/20 4:00	7.5	0	16.4	313	0	013	56.2	0	43.80	0	0.00	0
2/3/20 5:00	3.8	0	13.1	323	0	045	54.5	0	45.50	0	0.00	0
2/3/20 6:00	1.9	0	4.4	119	0	053	52.1	0	49.40	0	0.00	0
2/3/20 7:00	3.1	0	8.4	337	0	030	51.0	0	52.00	0	0.00	0
2/3/20 8:00	3.3	0	7.2	332	0	047	49.5	0	55.60	0	0.00	0
2/3/20 9:00	0.7	0	2.5	152	0	046	46.7	0	62.00	0	0.00	0

2/3/20 10:00	0.9	0	3.8	158	0	026	52.2	0	54.00	0	0.00	0
2/3/20 11:00	1.6	0	6.3	309	0	067	56.5	0	45.50	0	0.00	0
2/3/20 12:00	3.1	0	7.6	205	0	038	58.8	0	40.50	0	0.00	0
2/3/20 13:00	3.6	0	10.6	212	0	043	61.7	0	35.70	0	0.00	0
2/3/20 14:00	5.8	0	11.0	211	0	028	63.5	0	32.40	0	0.00	0
2/3/20 15:00	6.2	0	12.1	202	0	026	64.2	0	29.80	0	0.00	0
2/3/20 16:00	5.1	0	12.3	203	0	025	64.9	0	28.50	0	0.00	0
2/3/20 17:00	3.3	0	8.8	190	0	027	64.7	0	30.80	0	0.00	0
2/3/20 18:00	2.0	0	6.5	171	0	025	62.9	0	34.70	0	0.00	0
2/3/20 19:00	2.0	0	6.3	174	0	022	61.0	0	37.90	0	0.00	0
2/3/20 20:00	2.0	0	5.6	184	0	018	59.8	0	40.70	0	0.00	0
2/3/20 21:00	0.8	0	2.3	155	0	018	58.0	0	43.80	0	0.00	0
2/3/20 22:00	0.7	0	2.2	173	0	024	55.6	0	48.70	0	0.00	0
2/3/20 23:00	1.5	0	3.8	198	0	021	55.9	0	48.80	0	0.00	0
2/4/20 0:00	2.0	0	4.8	208	0	018	56.7	0	47.30	0	0.00	0
2/4/20 1:00	3.7	0	8.4	225	0	020	59.2	0	42.20	0	0.00	0
2/4/20 2:00	4.4	0	11.3	232	0	021	61.2	0	38.50	0	0.00	0
2/4/20 3:00	3.9	0	7.7	245	0	021	61.0	0	39.00	0	0.00	0
2/4/20 4:00	2.5	0	5.9	232	0	028	60.5	0	39.60	0	0.00	0
2/4/20 5:00	3.6	0	10.6	244	0	039	60.1	0	40.80	0	0.00	0
2/4/20 6:00	1.0	0	4.6	156	0	051	58.2	0	45.40	0	0.00	0
2/4/20 7:00	1.6	0	5.1	267	0	060	56.5	0	52.50	0	0.00	0
2/4/20 8:00	2.4	0	5.2	300	0	061	55.4	0	57.10	0	0.00	0
2/4/20 9:00	1.0	0	3.3	300	0	024	53.5	0	65.80	0	0.01	0
2/4/20 10:00	0.6	0	2.3	116	0	056	52.3	0	79.20	0	0.01	0
2/4/20 11:00	0.7	0	2.7	100	0	050	54.9	0	84.30	0	0.00	0
2/4/20 12:00	1.3	0	3.8	215	0	042	60.8	0	64.10	0	0.00	0
2/4/20 13:00	2.9	0	9.0	216	0	048	62.8	0	58.50	0	0.00	0
2/4/20 14:00	5.4	0	10.4	209	0	020	62.0	0	58.80	0	0.00	0
2/4/20 15:00	3.3	0	8.3	203	0	027	63.1	0	55.40	0	0.00	0
2/4/20 16:00	3.0	0	7.9	190	0	027	64.3	0	51.40	0	0.00	0
2/4/20 17:00	2.5	0	8.0	195	0	026	64.8	0	49.60	0	0.00	0
2/4/20 18:00	2.3	0	6.5	178	0	030	64.6	0	52.00	0	0.00	0
2/4/20 19:00	1.4	0	4.1	127	0	022	63.1	0	56.20	0	0.00	0
2/4/20 20:00	1.6	0	2.9	039	0	022	62.0	0	58.20	0	0.00	0
2/4/20 21:00	1.8	0	3.3	032	0	037	60.5	0	62.10	0	0.00	0
2/4/20 22:00	2.0	0	4.4	039	0	046	58.6	0	67.60	0	0.00	0
2/4/20 23:00	1.6	0	3.2	027	0	038	57.5	0	72.50	0	0.00	0
2/5/20 0:00	0.4	0	1.8	155	0	029	55.2	0	83.40	0	0.00	0
2/5/20 1:00	0.7	0	2.2	063	0	031	55.9	0	78.60	0	0.00	0
2/5/20 2:00	1.1	0	3.0	037	0	063	53.8	0	85.70	0	0.00	0
2/5/20 3:00	0.8	0	2.3	067	0	023	54.0	0	84.70	0	0.00	0
2/5/20 4:00	1.2	0	3.3	000	0	042	54.0	0	85.90	0	0.00	0
2/5/20 5:00	1.0	0	3.3	031	0	077	54.3	0	85.40	0	0.00	0
2/5/20 6:00	5.6	0	16.0	006	0	019	53.1	0	85.40	0	0.01	0
2/5/20 7:00	6.8	0	16.9	027	0	025	45.3	0	86.10	0	0.00	0
2/5/20 8:00	5.8	0	14.5	005	0	025	42.4	0	85.40	0	0.00	0
2/5/20 9:00	6.2	0	14.3	001	0	022	39.8	0	85.60	0	0.00	0
2/5/20 10:00	5.2	0	12.1	010	0	027	38.2	0	88.00	0	0.00	0
2/5/20 11:00	4.3	0	11.1	009	0	027	36.8	0	92.80	0	0.00	0
2/5/20 12:00	3.9	0	9.8	027	0	031	36.7	0	91.80	0	0.00	0
2/5/20 13:00	3.5	0	8.6	021	0	028	37.2	0	91.10	0	0.01	0
2/5/20 14:00	3.9	0	10.6	031	0	033	37.2	0	88.30	0	0.00	0
2/5/20 15:00	3.8	0	8.2	078	0	024	38.3	0	80.60	0	0.00	0
2/5/20 16:00	3.6	0	7.5	079	0	028	38.7	0	79.80	0	0.00	0
2/5/20 17:00	3.0	0	6.1	094	0	032	39.0	0	79.40	0	0.00	0
2/5/20 18:00	3.2	0	6.8	129	0	023	38.5	0	82.10	0	0.00	0
2/5/20 19:00	2.2	0	7.5	087	0	030	38.4	0	82.20	0	0.00	0

2/5/20 20:00	4.0	0	13.6	112	0	021	38.0	0	81.50	0	0.00	0
2/5/20 21:00	5.4	0	13.6	110	0	027	37.2	0	79.30	0	0.00	0
2/5/20 22:00	3.5	0	10.8	094	0	027	35.4	0	94.30	0	0.00	0
2/5/20 23:00	2.4	0	5.7	094	0	034	35.5	0	97.10	0	0.00	0
2/6/20 0:00	1.9	0	8.6	073	0	052	36.0	0	97.50	0	0.04	0
2/6/20 1:00	2.6	0	7.3	133	0	028	36.0	0	98.20	0	0.03	0
2/6/20 2:00	2.1	0	5.0	118	0	030	36.2	0	97.90	0	0.00	0
2/6/20 3:00	2.1	0	6.0	140	0	070	36.2	0	98.40	0	0.02	0
2/6/20 4:00	1.0	0	2.7	031	0	046	36.4	0	98.80	0	0.02	0
2/6/20 5:00	1.2	0	7.3	150	0	033	36.3	0	99.20	0	0.00	0
2/6/20 6:00	3.4	0	10.3	170	0	042	36.4	0	99.60	0	0.01	0
2/6/20 7:00	3.5	0	11.0	133	0	028	36.7	0	99.40	0	0.01	0
2/6/20 8:00	3.1	0	12.6	004	0	068	37.2	0	99.30	0	0.01	0
2/6/20 9:00	0.9	0	2.7	089	0	048	37.5	0	99.00	0	0.00	0
2/6/20 10:00	1.7	0	3.8	135	0	049	37.8	0	99.30	0	0.00	0
2/6/20 11:00	2.8	0	8.6	189	0	030	38.5	0	99.80	0	0.00	0
2/6/20 12:00	2.9	0	7.0	200	0	027	39.0	0	99.80	0	0.00	0
2/6/20 13:00	3.1	0	8.5	205	0	046	39.8	0	99.20	0	0.05	0
2/6/20 14:00	2.0	0	4.6	225	0	027	40.7	0	98.40	0	0.13	0
2/6/20 15:00	1.7	0	5.0	141	0	051	41.4	0	98.20	0	0.09	0
2/6/20 16:00	1.4	0	4.9	141	0	015	42.0	0	99.00	0	0.11	0
2/6/20 17:00	3.4	0	7.4	116	0	029	42.3	0	99.60	0	0.02	0
2/6/20 18:00	3.0	0	7.4	002	0	039	42.8	0	99.50	0	0.01	0
2/6/20 19:00	3.0	0	7.9	062	0	031	42.5	0	99.20	0	0.00	0
2/6/20 20:00	1.5	0	4.1	070	0	051	42.2	0	99.60	0	0.03	0
2/6/20 21:00	5.2	0	18.0	135	0	025	41.9	0	99.90	0	0.02	0
2/6/20 22:00	3.6	0	8.4	148	0	026	41.5	0	99.70	0	0.00	0
2/6/20 23:00	3.1	0	8.8	163	0	030	41.5	0	99.90	0	0.00	0
2/7/20 0:00	2.2	0	6.5	210	0	086	42.4	0	100.00	0	0.01	0
2/7/20 1:00	3.3	0	11.1	155	0	022	42.9	0	100.00	0	0.04	0
2/7/20 2:00	3.2	0	10.7	165	0	028	45.7	0	100.00	0	0.03	0
2/7/20 3:00	2.9	0	9.5	169	0	022	47.9	0	100.00	0	0.02	0
2/7/20 4:00	3.8	0	8.8	146	0	023	48.1	0	100.00	0	0.00	0
2/7/20 5:00	2.0	0	5.4	124	0	045	47.8	0	100.00	0	0.00	0
2/7/20 6:00	2.6	0	6.7	100	0	036	49.4	0	100.00	0	0.03	0
2/7/20 7:00	5.0	0	17.0	172	0	026	54.2	0	100.00	0	0.05	0
2/7/20 8:00	7.4	0	18.7	183	0	025	56.5	0	100.00	0	0.02	0
2/7/20 9:00	12.3	0	29.5	194	0	026	57.7	0	96.00	0	0.10	0
2/7/20 10:00	10.3	0	25.5	304	0	016	48.2	0	93.60	0	0.20	0
2/7/20 11:00	15.9	0	29.3	308	0	014	44.8	0	87.60	0	0.04	0
2/7/20 12:00	17.5	0	31.6	310	0	013	41.5	0	73.80	0	0.00	0
2/7/20 13:00	18.1	0	34.3	307	0	014	43.2	0	64.30	0	0.01	0
2/7/20 14:00	19.7	0	36.3	304	0	015	44.3	0	53.80	0	0.00	0
2/7/20 15:00	20.1	0	36.5	301	0	015	43.1	0	46.40	0	0.00	0
2/7/20 16:00	19.4	0	38.4	302	0	015	42.8	0	44.40	0	0.00	0
2/7/20 17:00	16.5	0	32.3	306	0	013	41.7	0	47.20	0	0.00	0
2/7/20 18:00	18.0	0	30.8	301	0	013	40.0	0	43.30	0	0.00	0
2/7/20 19:00	13.4	0	28.3	300	0	014	37.4	0	44.80	0	0.00	0
2/7/20 20:00	12.9	0	26.1	300	0	015	36.6	0	49.60	0	0.00	0
2/7/20 21:00	12.0	0	25.0	305	0	015	34.8	0	56.50	0	0.00	0
2/7/20 22:00	11.8	0	23.5	308	0	015	33.5	0	68.80	0	0.00	0
2/7/20 23:00	10.0	0	18.7	291	0	014	33.1	0	67.30	0	0.00	0
2/8/20 0:00	9.2	0	17.6	301	0	014	33.2	0	64.30	0	0.00	0
2/8/20 1:00	7.3	0	15.2	289	0	015	32.5	0	66.70	0	0.00	0
2/8/20 2:00	7.2	0	15.3	292	0	013	31.9	0	68.40	0	0.00	0
2/8/20 3:00	7.7	0	16.0	301	0	015	31.5	0	66.50	0	0.00	0
2/8/20 4:00	6.2	0	13.6	308	0	011	30.9	0	68.20	0	0.00	0
2/8/20 5:00	5.9	0	13.4	307	0	011	30.5	0	66.70	0	0.00	0

2/8/20 6:00	5.2	0	10.8	293	0	018	30.1	0	64.70	0	0.00	0
2/8/20 7:00	6.3	0	12.0	313	0	011	30.3	0	61.30	0	0.00	0
2/8/20 8:00	3.3	0	6.0	281	0	018	29.6	0	60.90	0	0.00	0
2/8/20 9:00	1.3	0	5.4	213	0	037	29.8	0	61.20	0	0.00	0
2/8/20 10:00	4.4	0	10.0	235	0	025	33.2	0	54.00	0	0.00	0
2/8/20 11:00	6.2	0	14.3	242	0	027	36.1	0	47.50	0	0.00	0
2/8/20 12:00	6.7	0	15.9	257	0	033	38.0	0	43.90	0	0.00	0
2/8/20 13:00	7.9	0	15.4	277	0	031	38.5	0	42.40	0	0.00	0
2/8/20 14:00	7.0	0	15.6	273	0	029	39.5	0	40.60	0	0.00	0
2/8/20 15:00	5.4	0	16.0	271	0	031	39.9	0	39.40	0	0.00	0
2/8/20 16:00	4.7	0	12.7	268	0	040	40.6	0	38.60	0	0.00	0
2/8/20 17:00	5.1	0	11.4	231	0	032	41.2	0	37.80	0	0.00	0
2/8/20 18:00	5.0	0	11.3	225	0	025	41.4	0	37.90	0	0.00	0
2/8/20 19:00	3.8	0	9.0	228	0	021	40.4	0	39.50	0	0.00	0
2/8/20 20:00	1.6	0	4.6	181	0	040	39.2	0	42.40	0	0.00	0
2/8/20 21:00	1.7	0	4.5	108	0	020	37.1	0	46.20	0	0.00	0
2/8/20 22:00	0.2	0	2.0	067	0	016	33.2	0	60.40	0	0.00	0
2/8/20 23:00	0.8	0	2.7	059	0	029	31.0	0	71.40	0	0.00	0
2/9/20 0:00	0.6	0	2.0	056	0	034	29.4	0	76.60	0	0.00	0
2/9/20 1:00	0.5	0	2.4	168	0	060	29.1	0	75.60	0	0.00	0
2/9/20 2:00	0.3	0	1.2	337	0	012	31.0	0	71.70	0	0.00	0
2/9/20 3:00	1.4	0	4.6	016	0	039	30.8	0	73.40	0	0.00	0
2/9/20 4:00	1.7	0	4.4	044	0	045	27.9	0	85.50	0	0.00	0
2/9/20 5:00	1.1	0	3.1	023	0	022	27.5	0	86.50	0	0.00	0
2/9/20 6:00	0.3	0	1.4	104	0	042	26.8	0	87.40	0	0.00	0
2/9/20 7:00	1.7	0	5.0	330	0	013	28.5	0	82.60	0	0.00	0
2/9/20 8:00	4.8	0	6.1	334	0	007	30.5	0	75.50	0	0.00	0
2/9/20 9:00	0.9	0	3.8	342	0	014	30.2	0	80.20	0	0.00	0
2/9/20 10:00	2.7	0	6.7	325	0	011	34.6	0	72.10	0	0.00	0
2/9/20 11:00	5.9	0	11.3	322	0	016	38.4	0	55.30	0	0.00	0
2/9/20 12:00	6.4	0	12.6	320	0	023	40.8	0	46.00	0	0.00	0
2/9/20 13:00	7.1	0	14.5	306	0	025	42.8	0	41.40	0	0.00	0
2/9/20 14:00	6.3	0	17.0	311	0	033	44.0	0	40.00	0	0.00	0
2/9/20 15:00	3.7	0	13.8	262	0	074	45.7	0	38.10	0	0.00	0
2/9/20 16:00	4.5	0	12.9	242	0	047	47.2	0	34.50	0	0.00	0
2/9/20 17:00	5.1	0	12.3	228	0	042	47.7	0	34.00	0	0.00	0
2/9/20 18:00	4.4	0	10.4	186	0	028	47.0	0	35.10	0	0.00	0
2/9/20 19:00	2.5	0	7.6	179	0	031	45.3	0	38.50	0	0.00	0
2/9/20 20:00	2.6	0	6.3	165	0	020	44.4	0	42.80	0	0.00	0
2/9/20 21:00	2.6	0	7.3	155	0	022	43.5	0	45.40	0	0.00	0
2/9/20 22:00	4.6	0	11.6	160	0	027	42.3	0	49.40	0	0.00	0
2/9/20 23:00	5.2	0	15.0	180	0	027	42.2	0	54.50	0	0.00	0
2/10/20 0:00	6.8	0	14.9	187	0	026	41.7	0	58.40	0	0.00	0
2/10/20 1:00	6.8	0	16.0	182	0	026	40.9	0	62.60	0	0.00	0
2/10/20 2:00	7.1	0	16.9	187	0	025	41.1	0	64.30	0	0.00	0
2/10/20 3:00	7.9	0	17.9	194	0	025	42.0	0	62.30	0	0.00	0
2/10/20 4:00	6.3	0	14.1	201	0	021	42.8	0	59.50	0	0.00	0
2/10/20 5:00	8.0	0	17.3	205	0	020	44.2	0	54.20	0	0.00	0
2/10/20 6:00	8.3	0	19.1	205	0	021	44.1	0	54.30	0	0.00	0
2/10/20 7:00	8.6	0	18.0	208	0	019	44.4	0	55.50	0	0.00	0
2/10/20 8:00	6.2	0	13.1	200	0	020	43.0	0	69.70	0	0.03	0
2/10/20 9:00	4.7	0	11.1	207	0	020	40.9	0	84.90	0	0.04	0
2/10/20 10:00	6.1	0	12.6	203	0	019	40.8	0	88.50	0	0.04	0
2/10/20 11:00	6.2	0	13.3	211	0	023	41.2	0	88.50	0	0.01	0
2/10/20 12:00	7.5	0	14.8	212	0	021	42.1	0	84.90	0	0.00	0
2/10/20 13:00	7.2	0	15.8	209	0	021	43.5	0	78.70	0	0.00	0
2/10/20 14:00	6.5	0	13.6	210	0	020	44.4	0	74.70	0	0.00	0
2/10/20 15:00	4.8	0	10.6	216	0	022	44.0	0	83.80	0	0.03	0

2/10/20 16:00	6.5	0	15.8	207	0	020	43.6	0	90.70	0	0.03	0
2/10/20 17:00	5.3	0	11.3	212	0	021	44.2	0	92.60	0	0.02	0
2/10/20 18:00	3.4	0	8.8	203	0	022	44.7	0	93.70	0	0.01	0
2/10/20 19:00	4.1	0	8.6	201	0	021	44.9	0	95.70	0	0.04	0
2/10/20 20:00	4.8	0	11.0	204	0	021	45.4	0	96.60	0	0.04	0
2/10/20 21:00	3.0	0	8.2	216	0	028	45.6	0	98.00	0	0.01	0
2/10/20 22:00	2.7	0	6.9	221	0	029	45.9	0	97.90	0	0.00	0
2/10/20 23:00	2.8	0	6.7	222	0	024	46.2	0	97.00	0	0.00	0
2/11/20 0:00	2.9	0	6.2	209	0	022	46.3	0	97.10	0	0.00	0
2/11/20 1:00	1.8	0	5.7	211	0	027	46.5	0	97.90	0	0.01	0
2/11/20 2:00	0.6	0	2.5	098	0	022	46.5	0	98.70	0	0.03	0
2/11/20 3:00	0.8	0	2.7	110	0	008	46.2	0	99.80	0	0.03	0
2/11/20 4:00	0.8	0	2.1	042	0	024	46.2	0	100.00	0	0.02	0
2/11/20 5:00	1.6	0	3.7	054	0	023	46.6	0	100.00	0	0.02	0
2/11/20 6:00	0.9	0	4.3	012	0	021	46.3	0	100.00	0	0.06	0
2/11/20 7:00	0.7	0	3.1	353	0	009	47.4	0	100.00	0	0.15	0
2/11/20 8:00	1.9	0	5.7	025	0	062	48.1	0	100.00	0	0.10	0
2/11/20 9:00	1.4	0	2.8	032	0	020	47.8	0	100.00	0	0.00	0
2/11/20 10:00	0.4	0	3.0	343	0	024	48.3	0	100.00	0	0.00	0
2/11/20 11:00	0.9	0	3.3	187	0	034	49.8	0	100.00	0	0.01	0
2/11/20 12:00	2.1	0	5.8	342	0	042	51.1	0	99.90	0	0.03	0
2/11/20 13:00	2.8	0	6.3	348	0	023	51.1	0	98.60	0	0.01	0
2/11/20 14:00	3.7	0	6.8	342	0	019	51.5	0	96.30	0	0.01	0
2/11/20 15:00	3.6	0	8.0	342	0	023	52.5	0	93.10	0	0.00	0
2/11/20 16:00	4.3	0	8.7	352	0	023	53.9	0	86.70	0	0.00	0
2/11/20 17:00	4.7	0	9.5	343	0	019	53.1	0	86.30	0	0.00	0
2/11/20 18:00	3.6	0	7.3	348	0	021	51.3	0	90.30	0	0.00	0
2/11/20 19:00	3.0	0	7.0	338	0	016	49.8	0	94.80	0	0.00	0
2/11/20 20:00	3.9	0	8.1	325	0	018	49.3	0	93.70	0	0.00	0
2/11/20 21:00	4.6	0	8.8	336	0	017	49.2	0	89.20	0	0.00	0
2/11/20 22:00	7.3	0	15.4	330	0	014	48.7	0	72.80	0	0.00	0
2/11/20 23:00	8.9	0	18.8	329	0	014	47.4	0	66.40	0	0.00	0
2/12/20 0:00	10.8	0	19.6	333	0	015	46.2	0	62.50	0	0.00	0
2/12/20 1:00	6.5	0	13.6	326	0	017	45.2	0	63.00	0	0.00	0
2/12/20 2:00	6.9	0	15.0	336	0	013	44.2	0	64.00	0	0.00	0
2/12/20 3:00	6.0	0	11.3	338	0	016	43.1	0	55.80	0	0.00	0
2/12/20 4:00	6.9	0	12.2	334	0	012	41.4	0	51.20	0	0.00	0
2/12/20 5:00	4.1	0	10.7	344	0	034	39.8	0	54.10	0	0.00	0
2/12/20 6:00	3.7	0	6.9	350	0	027	38.2	0	59.20	0	0.00	0
2/12/20 7:00	2.3	0	6.5	335	0	042	37.4	0	63.20	0	0.00	0
2/12/20 8:00	4.8	0	9.2	332	0	014	38.3	0	60.90	0	0.00	0
2/12/20 9:00	4.5	0	10.1	340	0	023	38.2	0	61.30	0	0.00	0
2/12/20 10:00	3.3	0	8.4	346	0	025	38.8	0	61.10	0	0.00	0
2/12/20 11:00	3.7	0	8.8	347	0	027	39.9	0	57.80	0	0.00	0
2/12/20 12:00	4.3	0	10.4	341	0	041	41.9	0	52.60	0	0.00	0
2/12/20 13:00	2.4	0	6.4	032	0	081	43.4	0	48.20	0	0.00	0
2/12/20 14:00	2.5	0	6.3	234	0	070	45.5	0	42.50	0	0.00	0
2/12/20 15:00	2.6	0	6.0	162	0	048	45.9	0	39.60	0	0.00	0
2/12/20 16:00	4.2	0	10.4	162	0	035	46.5	0	40.30	0	0.00	0
2/12/20 17:00	3.0	0	10.0	177	0	038	45.9	0	41.90	0	0.00	0
2/12/20 18:00	2.5	0	7.9	178	0	033	45.9	0	44.20	0	0.00	0
2/12/20 19:00	4.1	0	13.4	156	0	029	43.5	0	59.80	0	0.00	0
2/12/20 20:00	2.8	0	7.9	150	0	024	40.4	0	77.20	0	0.03	0
2/12/20 21:00	4.0	0	10.4	155	0	027	38.5	0	92.70	0	0.06	0
2/12/20 22:00	3.3	0	8.1	146	0	024	38.1	0	95.80	0	0.00	0
2/12/20 23:00	4.0	0	11.4	141	0	019	38.2	0	95.60	0	0.00	0
2/13/20 0:00	5.0	0	11.0	148	0	023	38.9	0	94.10	0	0.00	0
2/13/20 1:00	5.2	0	13.7	157	0	025	38.9	0	90.60	0	0.00	0



2/13/20 2:00	4.2	0	9.0	166	0	029	38.8	0	91.80	0	0.00	0
2/13/20 3:00	4.0	0	8.8	186	0	031	39.0	0	96.50	0	0.02	0
2/13/20 4:00	4.5	0	14.0	184	0	026	39.2	0	98.60	0	0.00	0
2/13/20 5:00	5.0	0	12.7	194	0	025	40.1	0	97.40	0	0.01	0
2/13/20 6:00	4.1	0	9.9	198	0	023	40.6	0	97.60	0	0.00	0
2/13/20 7:00	3.4	0	7.4	197	0	022	41.2	0	97.70	0	0.01	0
2/13/20 8:00	5.1	0	10.6	201	0	019	42.2	0	97.90	0	0.05	0
2/13/20 9:00	6.1	0	14.1	199	0	023	43.6	0	98.70	0	0.02	0
2/13/20 10:00	6.5	0	12.2	204	0	018	46.1	0	98.30	0	0.00	0
2/13/20 11:00	5.9	0	13.9	202	0	021	48.3	0	98.30	0	0.01	0
2/13/20 12:00	5.5	0	14.5	197	0	027	50.6	0	98.80	0	0.01	0
2/13/20 13:00	4.3	0	9.4	223	0	035	53.2	0	97.40	0	0.00	0
2/13/20 14:00	4.7	0	15.7	245	0	043	54.4	0	95.60	0	0.00	0
2/13/20 15:00	6.3	0	18.7	313	0	022	51.6	0	95.40	0	0.00	0
2/13/20 16:00	2.4	0	6.2	274	0	032	51.8	0	94.50	0	0.00	0
2/13/20 17:00	4.5	0	10.3	314	0	016	52.3	0	89.60	0	0.00	0
2/13/20 18:00	9.8	0	20.2	333	0	013	51.4	0	81.60	0	0.00	0
2/13/20 19:00	14.8	0	30.6	331	0	012	48.7	0	69.20	0	0.00	0
2/13/20 20:00	14.8	0	27.0	335	0	013	45.6	0	65.00	0	0.00	0
2/13/20 21:00	11.8	0	20.3	332	0	014	44.0	0	63.30	0	0.00	0
2/13/20 22:00	10.7	0	24.4	330	0	015	42.6	0	61.90	0	0.00	0
2/13/20 23:00	11.5	0	22.7	326	0	014	41.4	0	61.00	0	0.00	0
2/14/20 0:00	6.1	0	13.6	315	0	015	40.8	0	58.10	0	0.00	0
2/14/20 1:00	3.7	0	9.4	298	0	019	40.0	0	58.10	0	0.00	0
2/14/20 2:00	4.5	0	9.9	287	0	022	39.3	0	58.00	0	0.00	0
2/14/20 3:00	3.1	0	8.8	285	0	023	38.9	0	58.40	0	0.00	0
2/14/20 4:00	1.8	0	5.9	267	0	043	37.3	0	61.50	0	0.00	0
2/14/20 5:00	5.9	0	10.9	306	0	008	37.4	0	58.20	0	0.00	0
2/14/20 6:00	7.7	0	18.9	321	0	015	37.3	0	58.30	0	0.00	0
2/14/20 7:00	7.6	0	14.1	331	0	013	36.8	0	60.40	0	0.00	0
2/14/20 8:00	8.3	0	16.9	343	0	018	35.3	0	60.50	0	0.00	0
2/14/20 9:00	8.8	0	18.4	336	0	017	33.1	0	57.70	0	0.00	0
2/14/20 10:00	9.2	0	16.3	336	0	017	32.7	0	55.90	0	0.00	0
2/14/20 11:00	8.8	0	20.4	340	0	020	33.2	0	53.70	0	0.00	0
2/14/20 12:00	14.2	0	25.2	331	0	018	33.2	0	46.30	0	0.00	0
2/14/20 13:00	13.7	0	24.5	330	0	021	34.0	0	44.30	0	0.00	0
2/14/20 14:00	14.0	0	25.7	332	0	020	33.2	0	43.20	0	0.00	0
2/14/20 15:00	13.5	0	23.3	327	0	020	33.0	0	41.80	0	0.00	0
2/14/20 16:00	14.0	0	23.5	327	0	016	32.2	0	39.50	0	0.00	0
2/14/20 17:00	11.4	0	20.6	329	0	022	32.1	0	38.60	0	0.00	0
2/14/20 18:00	12.7	0	23.6	328	0	015	30.6	0	39.00	0	0.00	0
2/14/20 19:00	8.2	0	17.5	330	0	016	29.1	0	40.30	0	0.00	0
2/14/20 20:00	8.1	0	16.2	342	0	018	28.1	0	40.70	0	0.00	0
2/14/20 21:00	6.5	0	15.2	343	0	019	27.0	0	43.00	0	0.00	0
2/14/20 22:00	5.0	0	11.7	345	0	018	26.0	0	45.80	0	0.00	0
2/14/20 23:00	4.1	0	8.1	348	0	019	25.0	0	47.70	0	0.00	0
2/15/20 0:00	2.7	0	5.6	346	0	016	24.0	0	51.30	0	0.00	0
2/15/20 1:00	2.7	0	5.6	344	0	018	23.0	0	53.50	0	0.00	0
2/15/20 2:00	1.6	0	4.2	353	0	020	22.2	0	55.10	0	0.00	0
2/15/20 3:00	1.6	0	3.8	355	0	024	21.3	0	56.50	0	0.00	0
2/15/20 4:00	1.6	0	3.6	352	0	021	20.4	0	58.20	0	0.00	0
2/15/20 5:00	0.5	0	3.2	013	0	016	19.5	0	60.90	0	0.00	0
2/15/20 6:00	1.0	0	4.0	013	0	023	18.1	0	71.50	0	0.00	0
2/15/20 7:00	1.5	0	3.4	039	0	022	17.7	0	67.60	0	0.00	0
2/15/20 8:00	1.0	0	2.2	045	0	021	16.8	0	68.10	0	0.00	0
2/15/20 9:00	0.7	0	2.4	058	0	043	17.8	0	61.80	0	0.00	0
2/15/20 10:00	3.3	0	8.4	138	0	027	21.5	0	52.50	0	0.00	0
2/15/20 11:00	3.8	0	9.9	160	0	042	24.0	0	49.20	0	0.00	0

2/15/20 12:00	3.9	0	9.9	180	0	040	26.5	0	44.80	0	0.00	0
2/15/20 13:00	5.4	0	12.5	208	0	037	28.1	0	41.00	0	0.00	0
2/15/20 14:00	4.7	0	11.3	187	0	037	30.1	0	39.40	0	0.00	0
2/15/20 15:00	6.0	0	14.6	184	0	032	31.8	0	38.40	0	0.00	0
2/15/20 16:00	6.2	0	12.6	207	0	028	32.9	0	37.40	0	0.00	0
2/15/20 17:00	6.5	0	14.0	194	0	028	33.6	0	37.80	0	0.00	0
2/15/20 18:00	6.0	0	14.8	192	0	029	33.4	0	40.10	0	0.00	0
2/15/20 19:00	3.1	0	8.1	179	0	029	32.2	0	43.00	0	0.00	0
2/15/20 20:00	3.3	0	9.4	169	0	022	31.3	0	46.50	0	0.00	0
2/15/20 21:00	2.6	0	6.6	164	0	021	30.8	0	48.80	0	0.00	0
2/15/20 22:00	4.2	0	9.4	185	0	023	30.8	0	51.70	0	0.00	0
2/15/20 23:00	4.1	0	9.2	186	0	023	30.3	0	53.40	0	0.00	0
2/16/20 0:00	4.7	0	10.1	183	0	022	30.3	0	54.90	0	0.00	0
2/16/20 1:00	2.5	0	8.2	183	0	028	30.0	0	57.70	0	0.00	0
2/16/20 2:00	2.6	0	6.2	184	0	022	30.0	0	59.70	0	0.00	0
2/16/20 3:00	2.7	0	8.1	182	0	024	30.2	0	61.90	0	0.00	0
2/16/20 4:00	3.5	0	7.8	195	0	022	30.5	0	61.60	0	0.00	0
2/16/20 5:00	2.1	0	5.9	199	0	021	30.4	0	62.00	0	0.00	0
2/16/20 6:00	1.6	0	3.5	190	0	025	30.1	0	64.00	0	0.00	0
2/16/20 7:00	1.3	0	3.1	173	0	018	29.9	0	65.30	0	0.00	0
2/16/20 8:00	1.4	0	2.8	172	0	015	29.6	0	66.70	0	0.00	0
2/16/20 9:00	1.0	0	2.7	170	0	016	29.9	0	65.80	0	0.00	0
2/16/20 10:00	2.2	0	5.2	194	0	023	31.8	0	62.80	0	0.00	0
2/16/20 11:00	2.7	0	6.3	201	0	035	34.2	0	56.30	0	0.00	0
2/16/20 12:00	1.8	0	5.3	233	0	053	36.2	0	53.20	0	0.00	0
2/16/20 13:00	2.5	0	6.3	207	0	049	39.4	0	48.50	0	0.00	0
2/16/20 14:00	3.0	0	7.8	207	0	036	43.9	0	42.90	0	0.00	0
2/16/20 15:00	4.3	0	9.5	201	0	033	48.2	0	36.80	0	0.00	0
2/16/20 16:00	5.0	0	11.6	202	0	029	50.4	0	33.70	0	0.00	0
2/16/20 17:00	5.6	0	10.8	196	0	026	52.0	0	31.70	0	0.00	0
2/16/20 18:00	3.6	0	10.0	176	0	029	50.5	0	37.00	0	0.00	0
2/16/20 19:00	3.7	0	8.0	196	0	024	49.1	0	38.40	0	0.00	0
2/16/20 20:00	3.1	0	9.2	182	0	027	48.1	0	41.00	0	0.00	0
2/16/20 21:00	1.7	0	4.9	162	0	020	46.3	0	45.30	0	0.00	0
2/16/20 22:00	0.8	0	3.2	161	0	016	43.9	0	50.50	0	0.00	0
2/16/20 23:00	2.1	0	4.6	033	0	045	42.4	0	55.00	0	0.00	0
2/17/20 0:00	2.0	0	5.4	034	0	039	40.8	0	59.20	0	0.00	0
2/17/20 1:00	1.4	0	3.3	042	0	036	40.3	0	59.80	0	0.00	0
2/17/20 2:00	1.7	0	3.9	003	0	027	39.1	0	64.60	0	0.00	0
2/17/20 3:00	1.7	0	3.5	358	0	015	39.8	0	60.70	0	0.00	0
2/17/20 4:00	1.3	0	4.1	013	0	024	39.7	0	61.50	0	0.00	0
2/17/20 5:00	1.9	0	4.3	002	0	016	39.6	0	59.30	0	0.00	0
2/17/20 6:00	1.1	0	4.4	051	0	046	38.4	0	63.70	0	0.00	0
2/17/20 7:00	1.5	0	4.8	023	0	033	37.7	0	64.20	0	0.00	0
2/17/20 8:00	0.6	0	2.8	029	0	034	36.1	0	69.80	0	0.00	0
2/17/20 9:00	0.6	0	2.4	355	0	016	35.0	0	73.40	0	0.00	0
2/17/20 10:00	1.6	0	5.5	027	0	026	39.7	0	63.40	0	0.00	0
2/17/20 11:00	3.6	0	8.6	034	0	029	41.8	0	59.50	0	0.00	0
2/17/20 12:00	4.4	0	11.8	038	0	040	44.5	0	51.20	0	0.00	0
2/17/20 13:00	2.9	0	7.7	353	0	051	46.8	0	46.20	0	0.00	0
2/17/20 14:00	2.7	0	7.8	019	0	058	49.5	0	40.50	0	0.00	0
2/17/20 15:00	3.0	0	7.7	330	0	073	51.1	0	36.00	0	0.00	0
2/17/20 16:00	2.7	0	7.8	144	0	075	53.2	0	32.20	0	0.00	0
2/17/20 17:00	2.9	0	7.0	158	0	069	53.4	0	30.30	0	0.00	0
2/17/20 18:00	3.1	0	7.9	157	0	040	52.9	0	30.80	0	0.00	0
2/17/20 19:00	3.3	0	8.8	138	0	021	50.5	0	32.60	0	0.00	0
2/17/20 20:00	4.0	0	9.3	139	0	017	47.5	0	35.20	0	0.00	0
2/17/20 21:00	3.0	0	8.7	146	0	019	45.7	0	33.00	0	0.00	0

2/17/20 22:00	1.9	0	4.8	147	0	017	44.9	0	34.20	0	0.00	0
2/17/20 23:00	2.4	0	4.7	120	0	017	43.3	0	38.30	0	0.00	0
2/18/20 0:00	2.0	0	4.4	113	0	025	40.7	0	46.30	0	0.00	0
2/18/20 1:00	2.7	0	5.8	141	0	018	41.0	0	47.80	0	0.00	0
2/18/20 2:00	3.2	0	8.1	143	0	020	41.8	0	50.20	0	0.00	0
2/18/20 3:00	3.5	0	6.9	131	0	015	41.6	0	53.30	0	0.00	0
2/18/20 4:00	4.5	0	9.8	139	0	018	41.0	0	58.10	0	0.00	0
2/18/20 5:00	3.3	0	6.6	132	0	018	39.8	0	67.80	0	0.00	0
2/18/20 6:00	3.1	0	6.5	135	0	016	39.0	0	74.90	0	0.00	0
2/18/20 7:00	2.6	0	4.5	132	0	020	39.2	0	78.80	0	0.00	0
2/18/20 8:00	1.7	0	4.1	115	0	024	39.2	0	80.90	0	0.00	0
2/18/20 9:00	2.0	0	4.5	126	0	023	39.8	0	82.10	0	0.00	0
2/18/20 10:00	2.7	0	6.1	156	0	029	41.5	0	81.00	0	0.00	0
2/18/20 11:00	3.6	0	9.1	160	0	030	44.0	0	79.40	0	0.00	0
2/18/20 12:00	4.4	0	12.7	182	0	033	45.9	0	79.70	0	0.00	0
2/18/20 13:00	6.5	0	14.4	184	0	028	50.0	0	70.20	0	0.00	0
2/18/20 14:00	7.9	0	17.6	196	0	026	53.9	0	55.30	0	0.00	0
2/18/20 15:00	7.5	0	17.5	193	0	029	54.7	0	55.00	0	0.00	0
2/18/20 16:00	6.1	0	14.2	194	0	029	55.5	0	54.30	0	0.00	0
2/18/20 17:00	4.6	0	12.9	188	0	030	55.6	0	54.90	0	0.00	0
2/18/20 18:00	2.7	0	7.8	191	0	027	56.3	0	55.10	0	0.00	0
2/18/20 19:00	3.1	0	9.9	208	0	027	56.6	0	56.80	0	0.00	0
2/18/20 20:00	3.4	0	9.9	245	0	030	55.8	0	60.20	0	0.00	0
2/18/20 21:00	1.9	0	5.4	255	0	029	54.8	0	64.30	0	0.00	0
2/18/20 22:00	1.8	0	4.8	265	0	024	53.9	0	68.60	0	0.00	0
2/18/20 23:00	3.3	0	10.9	298	0	032	53.6	0	68.80	0	0.00	0
2/19/20 0:00	3.2	0	6.8	335	0	015	52.3	0	68.80	0	0.00	0
2/19/20 1:00	3.3	0	6.2	330	0	007	51.3	0	74.80	0	0.00	0
2/19/20 2:00	7.2	0	17.8	333	0	015	50.7	0	76.60	0	0.00	0
2/19/20 3:00	7.9	0	16.7	334	0	015	49.7	0	72.80	0	0.00	0
2/19/20 4:00	7.7	0	15.5	335	0	015	47.9	0	64.70	0	0.00	0
2/19/20 5:00	8.3	0	18.3	342	0	018	46.7	0	60.70	0	0.00	0
2/19/20 6:00	8.7	0	18.3	338	0	017	45.1	0	51.70	0	0.00	0
2/19/20 7:00	8.3	0	16.9	333	0	015	43.4	0	48.80	0	0.00	0
2/19/20 8:00	10.2	0	18.1	333	0	013	41.8	0	48.20	0	0.00	0
2/19/20 9:00	7.1	0	17.3	339	0	016	40.4	0	49.40	0	0.00	0
2/19/20 10:00	6.7	0	13.3	323	0	018	39.1	0	53.00	0	0.00	0
2/19/20 11:00	8.9	0	17.5	321	0	012	38.8	0	51.60	0	0.00	0
2/19/20 12:00	9.2	0	17.2	318	0	013	40.1	0	47.30	0	0.00	0
2/19/20 13:00	9.2	0	17.6	314	0	016	42.1	0	41.20	0	0.00	0
2/19/20 14:00	10.7	0	17.1	319	0	014	44.3	0	36.10	0	0.00	0
2/19/20 15:00	10.0	0	19.2	314	0	016	46.8	0	32.20	0	0.00	0
2/19/20 16:00	10.5	0	20.4	316	0	016	49.3	0	25.90	0	0.00	0
2/19/20 17:00	11.8	0	19.1	321	0	017	49.4	0	22.30	0	0.00	0
2/19/20 18:00	9.7	0	19.0	328	0	016	47.9	0	23.80	0	0.00	0
2/19/20 19:00	7.4	0	16.5	332	0	016	46.3	0	25.50	0	0.00	0
2/19/20 20:00	5.6	0	11.3	334	0	012	44.1	0	28.00	0	0.00	0
2/19/20 21:00	5.0	0	9.9	332	0	008	42.5	0	30.90	0	0.00	0
2/19/20 22:00	5.7	0	9.9	333	0	009	41.4	0	34.50	0	0.00	0
2/19/20 23:00	4.3	0	10.2	330	0	013	40.0	0	38.80	0	0.00	0
2/20/20 0:00	4.1	0	8.0	335	0	016	39.0	0	40.20	0	0.00	0
2/20/20 1:00	3.7	0	6.5	333	0	010	37.5	0	43.30	0	0.00	0
2/20/20 2:00	2.6	0	5.6	346	0	016	36.7	0	44.00	0	0.00	0
2/20/20 3:00	1.3	0	5.9	332	0	030	34.7	0	47.70	0	0.00	0
2/20/20 4:00	0.1	0	1.1	161	0	018	32.7	0	52.00	0	0.00	0
2/20/20 5:00	1.1	0	3.7	343	0	013	32.7	0	51.80	0	0.00	0
2/20/20 6:00	0.9	0	3.7	335	0	043	32.6	0	52.30	0	0.00	0
2/20/20 7:00	1.9	0	5.1	352	0	052	31.5	0	56.30	0	0.00	0

2/20/20 8:00	1.9	0	6.2	016	0	021	30.5	0	60.60	0	0.00	0
2/20/20 9:00	1.3	0	4.8	000	0	043	32.0	0	51.00	0	0.00	0
2/20/20 10:00	2.9	0	8.6	045	0	034	33.0	0	46.80	0	0.00	0
2/20/20 11:00	3.9	0	8.9	054	0	030	33.0	0	42.40	0	0.00	0
2/20/20 12:00	3.1	0	7.1	044	0	033	33.8	0	39.40	0	0.00	0
2/20/20 13:00	2.1	0	6.6	013	0	051	34.8	0	37.10	0	0.00	0
2/20/20 14:00	2.8	0	6.7	012	0	040	35.4	0	36.50	0	0.00	0
2/20/20 15:00	1.9	0	7.3	347	0	075	36.1	0	34.20	0	0.00	0
2/20/20 16:00	3.4	0	8.8	321	0	057	36.8	0	33.80	0	0.00	0
2/20/20 17:00	2.4	0	6.7	342	0	065	36.5	0	34.70	0	0.00	0
2/20/20 18:00	1.7	0	4.5	020	0	051	36.5	0	35.80	0	0.00	0
2/20/20 19:00	1.4	0	4.6	040	0	031	36.1	0	38.60	0	0.00	0
2/20/20 20:00	1.7	0	4.0	033	0	017	34.7	0	39.00	0	0.00	0
2/20/20 21:00	1.5	0	4.3	019	0	017	32.8	0	46.30	0	0.00	0
2/20/20 22:00	3.7	0	9.5	021	0	025	32.8	0	47.30	0	0.00	0
2/20/20 23:00	5.1	0	13.8	015	0	027	32.5	0	50.30	0	0.00	0
2/21/20 0:00	6.3	0	13.2	007	0	025	31.5	0	51.90	0	0.00	0
2/21/20 1:00	5.7	0	14.1	009	0	026	30.5	0	56.90	0	0.00	0
2/21/20 2:00	5.5	0	13.7	003	0	026	29.0	0	56.70	0	0.00	0
2/21/20 3:00	5.7	0	14.6	001	0	024	27.4	0	50.50	0	0.00	0
2/21/20 4:00	6.6	0	16.4	356	0	023	26.1	0	49.00	0	0.00	0
2/21/20 5:00	6.1	0	14.4	359	0	025	24.5	0	49.80	0	0.00	0
2/21/20 6:00	5.5	0	11.9	357	0	025	23.2	0	50.80	0	0.00	0
2/21/20 7:00	4.7	0	12.4	354	0	025	22.0	0	51.60	0	0.00	0
2/21/20 8:00	4.1	0	8.7	353	0	024	21.0	0	52.30	0	0.00	0
2/21/20 9:00	5.2	0	13.3	350	0	024	21.1	0	51.20	0	0.00	0
2/21/20 10:00	6.1	0	16.4	360	0	029	22.7	0	48.00	0	0.00	0
2/21/20 11:00	7.6	0	14.6	350	0	023	24.0	0	46.40	0	0.00	0
2/21/20 12:00	6.6	0	17.4	355	0	032	26.0	0	44.30	0	0.00	0
2/21/20 13:00	6.7	0	15.1	348	0	029	27.8	0	42.30	0	0.00	0
2/21/20 14:00	6.0	0	13.2	004	0	031	30.0	0	38.20	0	0.00	0
2/21/20 15:00	5.8	0	16.8	340	0	038	32.3	0	34.40	0	0.00	0
2/21/20 16:00	6.5	0	13.6	320	0	028	33.9	0	30.90	0	0.00	0
2/21/20 17:00	4.8	0	12.5	311	0	037	35.2	0	29.70	0	0.00	0
2/21/20 18:00	5.1	0	13.7	308	0	030	35.4	0	27.80	0	0.00	0
2/21/20 19:00	3.5	0	10.4	333	0	020	34.3	0	29.40	0	0.00	0
2/21/20 20:00	1.6	0	4.0	284	0	035	31.8	0	32.30	0	0.00	0
2/21/20 21:00	0.7	0	2.2	183	0	069	31.2	0	34.80	0	0.00	0
2/21/20 22:00	0.4	0	1.7	194	0	015	29.3	0	40.00	0	0.00	0
2/21/20 23:00	1.5	0	3.8	276	0	032	29.8	0	38.80	0	0.00	0
2/22/20 0:00	2.6	0	4.4	270	0	013	29.5	0	37.20	0	0.00	0
2/22/20 1:00	2.8	0	5.7	252	0	025	28.7	0	40.30	0	0.00	0
2/22/20 2:00	1.4	0	3.4	219	0	037	27.4	0	44.60	0	0.00	0
2/22/20 3:00	2.6	0	5.9	258	0	022	27.9	0	40.90	0	0.00	0
2/22/20 4:00	2.0	0	4.4	207	0	036	27.3	0	42.50	0	0.00	0
2/22/20 5:00	2.7	0	6.7	271	0	024	26.7	0	43.20	0	0.00	0
2/22/20 6:00	2.0	0	4.4	286	0	038	25.9	0	45.40	0	0.00	0
2/22/20 7:00	1.1	0	2.7	303	0	048	24.8	0	49.70	0	0.00	0
2/22/20 8:00	1.8	0	4.9	272	0	027	23.8	0	52.80	0	0.00	0
2/22/20 9:00	0.8	0	2.6	224	0	039	27.1	0	44.90	0	0.00	0
2/22/20 10:00	2.9	0	11.5	266	0	049	32.9	0	39.20	0	0.00	0
2/22/20 11:00	8.0	0	15.2	291	0	020	37.2	0	25.80	0	0.00	0
2/22/20 12:00	8.5	0	16.9	280	0	028	41.4	0	19.10	0	0.00	0
2/22/20 13:00	9.5	0	20.0	290	0	024	43.8	0	15.90	0	0.00	0
2/22/20 14:00	9.7	0	16.6	284	0	021	46.5	0	13.60	0	0.00	0
2/22/20 15:00	7.4	0	18.0	279	0	024	49.3	0	14.10	0	0.00	0
2/22/20 16:00	6.5	0	13.6	269	0	032	51.5	0	12.70	0	0.00	0
2/22/20 17:00	6.3	0	13.6	248	0	035	52.9	0	11.10	0	0.00	0

2/22/20 18:00	5.8	0	11.3	245	0	028	53.3	0	10.80	0	0.00	0
2/22/20 19:00	4.2	0	10.5	230	0	021	51.4	0	12.90	0	0.00	0
2/22/20 20:00	1.8	0	4.7	213	0	016	48.6	0	15.10	0	0.00	0
2/22/20 21:00	1.7	0	5.5	223	0	043	46.5	0	16.80	0	0.00	0
2/22/20 22:00	1.5	0	3.9	257	0	038	44.7	0	19.40	0	0.00	0
2/22/20 23:00	1.7	0	4.0	304	0	078	42.0	0	23.90	0	0.00	0
2/23/20 0:00	2.1	0	4.5	003	0	053	37.4	0	31.30	0	0.00	0
2/23/20 1:00	1.5	0	4.9	020	0	064	35.3	0	37.30	0	0.00	0
2/23/20 2:00	0.9	0	5.4	028	0	048	31.7	0	48.10	0	0.00	0
2/23/20 3:00	1.2	0	4.2	006	0	033	31.9	0	45.90	0	0.00	0
2/23/20 4:00	1.3	0	3.3	023	0	049	28.2	0	55.30	0	0.00	0
2/23/20 5:00	1.1	0	3.7	023	0	027	27.2	0	57.00	0	0.00	0
2/23/20 6:00	1.1	0	3.8	025	0	031	27.1	0	57.00	0	0.00	0
2/23/20 7:00	1.9	0	3.3	037	0	018	27.4	0	50.90	0	0.00	0
2/23/20 8:00	1.1	0	3.0	032	0	019	23.4	0	68.60	0	0.00	0
2/23/20 9:00	0.9	0	3.2	041	0	041	25.0	0	72.20	0	0.00	0
2/23/20 10:00	0.7	0	2.3	202	0	078	34.8	0	49.30	0	0.00	0
2/23/20 11:00	2.1	0	5.7	163	0	036	44.7	0	25.60	0	0.00	0
2/23/20 12:00	2.7	0	7.6	189	0	055	49.4	0	17.80	0	0.00	0
2/23/20 13:00	3.5	0	9.9	209	0	047	52.4	0	15.00	0	0.00	0
2/23/20 14:00	3.9	0	10.3	218	0	044	54.7	0	13.40	0	0.00	0
2/23/20 15:00	4.9	0	12.6	207	0	041	55.4	0	14.10	0	0.00	0
2/23/20 16:00	5.1	0	11.7	199	0	034	56.3	0	12.50	0	0.00	0
2/23/20 17:00	5.4	0	13.1	200	0	029	56.7	0	12.50	0	0.00	0
2/23/20 18:00	5.3	0	12.4	198	0	026	55.9	0	14.70	0	0.00	0
2/23/20 19:00	3.8	0	10.9	184	0	029	53.7	0	15.80	0	0.00	0
2/23/20 20:00	1.7	0	4.3	159	0	016	51.6	0	18.90	0	0.00	0
2/23/20 21:00	1.5	0	6.1	154	0	019	49.3	0	22.20	0	0.00	0
2/23/20 22:00	2.4	0	5.0	131	0	014	46.5	0	26.70	0	0.00	0
2/23/20 23:00	1.9	0	3.7	091	0	024	43.3	0	32.50	0	0.00	0
2/24/20 0:00	0.5	0	2.1	103	0	030	37.5	0	42.80	0	0.00	0
2/24/20 1:00	0.5	0	1.9	045	0	032	36.0	0	44.70	0	0.00	0
2/24/20 2:00	1.7	0	4.3	026	0	023	34.7	0	47.60	0	0.00	0
2/24/20 3:00	2.0	0	4.9	026	0	028	31.1	0	59.50	0	0.00	0
2/24/20 4:00	1.4	0	5.0	019	0	025	29.7	0	64.30	0	0.00	0
2/24/20 5:00	1.2	0	5.7	026	0	035	28.4	0	70.30	0	0.00	0
2/24/20 6:00	1.0	0	2.6	071	0	063	29.0	0	68.00	0	0.00	0
2/24/20 7:00	2.2	0	4.7	036	0	021	29.5	0	66.90	0	0.00	0
2/24/20 8:00	1.4	0	2.8	026	0	023	27.8	0	71.90	0	0.00	0
2/24/20 9:00	0.9	0	3.7	008	0	031	28.5	0	74.40	0	0.00	0
2/24/20 10:00	0.4	0	1.6	059	0	038	37.4	0	57.90	0	0.00	0
2/24/20 11:00	1.5	0	3.7	150	0	056	45.7	0	43.00	0	0.00	0
2/24/20 12:00	2.2	0	4.9	190	0	035	51.7	0	32.10	0	0.00	0
2/24/20 13:00	2.7	0	7.0	179	0	036	54.8	0	30.10	0	0.00	0
2/24/20 14:00	3.1	0	7.1	176	0	048	58.1	0	24.10	0	0.00	0
2/24/20 15:00	3.7	0	9.7	125	0	038	58.3	0	22.30	0	0.00	0
2/24/20 16:00	3.7	0	10.2	159	0	040	58.8	0	21.80	0	0.00	0
2/24/20 17:00	5.7	0	13.4	182	0	035	58.6	0	26.60	0	0.00	0
2/24/20 18:00	6.9	0	17.5	202	0	022	55.4	0	31.40	0	0.00	0
2/24/20 19:00	4.6	0	10.2	196	0	024	54.5	0	36.70	0	0.00	0
2/24/20 20:00	3.5	0	8.3	184	0	025	53.2	0	41.20	0	0.00	0
2/24/20 21:00	4.1	0	10.6	183	0	024	52.5	0	44.80	0	0.00	0
2/24/20 22:00	3.9	0	8.5	189	0	022	51.6	0	48.70	0	0.00	0
2/24/20 23:00	4.3	0	11.2	183	0	022	50.1	0	55.50	0	0.00	0
2/25/20 0:00	5.2	0	13.3	191	0	023	48.6	0	65.20	0	0.00	0
2/25/20 1:00	3.6	0	12.6	184	0	027	47.6	0	69.70	0	0.00	0
2/25/20 2:00	4.4	0	10.4	180	0	025	46.8	0	75.60	0	0.00	0
2/25/20 3:00	4.2	0	10.9	196	0	023	46.3	0	80.60	0	0.00	0

2/25/20 4:00	2.2	0	6.1	169	0	028	46.1	0	82.10	0	0.00	0
2/25/20 5:00	2.8	0	8.8	172	0	031	45.8	0	85.70	0	0.00	0
2/25/20 6:00	1.5	0	4.6	148	0	028	44.8	0	93.40	0	0.01	0
2/25/20 7:00	2.3	0	6.2	168	0	023	44.8	0	95.80	0	0.01	0
2/25/20 8:00	2.0	0	5.5	158	0	023	44.9	0	97.80	0	0.06	0
2/25/20 9:00	1.8	0	4.5	150	0	021	44.9	0	99.20	0	0.05	0
2/25/20 10:00	2.7	0	6.2	157	0	024	45.4	0	99.60	0	0.05	0
2/25/20 11:00	2.0	0	5.0	166	0	028	46.3	0	99.10	0	0.01	0
2/25/20 12:00	2.1	0	7.4	170	0	028	47.2	0	98.30	0	0.05	0
2/25/20 13:00	2.3	0	5.4	139	0	028	47.8	0	98.80	0	0.01	0
2/25/20 14:00	1.6	0	5.1	171	0	041	48.5	0	98.00	0	0.00	0
2/25/20 15:00	1.3	0	4.0	199	0	040	49.4	0	97.00	0	0.00	0
2/25/20 16:00	1.2	0	3.7	129	0	073	50.0	0	96.10	0	0.00	0
2/25/20 17:00	1.7	0	3.1	061	0	019	49.7	0	97.50	0	0.00	0
2/25/20 18:00	0.9	0	2.6	078	0	068	49.9	0	98.00	0	0.00	0
2/25/20 19:00	0.6	0	2.0	027	0	040	49.9	0	97.80	0	0.00	0
2/25/20 20:00	1.8	0	3.1	034	0	022	49.6	0	98.40	0	0.00	0
2/25/20 21:00	1.3	0	3.7	038	0	023	49.2	0	99.70	0	0.00	0
2/25/20 22:00	1.9	0	4.4	022	0	050	48.9	0	100.00	0	0.00	0
2/25/20 23:00	1.3	0	3.8	043	0	035	48.7	0	100.00	0	0.00	0
2/26/20 0:00	1.0	0	2.7	088	0	033	48.5	0	100.00	0	0.00	0
2/26/20 1:00	1.6	0	3.5	101	0	029	48.5	0	100.00	0	0.00	0
2/26/20 2:00	2.0	0	4.1	079	0	016	48.3	0	100.00	0	0.00	0
2/26/20 3:00	1.5	0	3.8	062	0	035	48.2	0	100.00	0	0.00	0
2/26/20 4:00	1.5	0	4.1	089	0	023	48.1	0	100.00	0	0.00	0
2/26/20 5:00	1.0	0	2.4	070	0	047	48.1	0	100.00	0	0.00	0
2/26/20 6:00	1.1	0	3.2	087	0	040	48.0	0	100.00	0	0.00	0
2/26/20 7:00	1.0	0	3.4	076	0	031	47.9	0	100.00	0	0.00	0
2/26/20 8:00	1.0	0	2.8	120	0	020	47.9	0	100.00	0	0.00	0
2/26/20 9:00	2.1	0	5.3	132	0	021	48.0	0	100.00	0	0.00	0
2/26/20 10:00	2.0	0	3.8	126	0	020	48.4	0	100.00	0	0.00	0
2/26/20 11:00	2.4	0	5.7	123	0	020	48.9	0	100.00	0	0.00	0
2/26/20 12:00	3.8	0	10.8	126	0	022	49.5	0	99.40	0	0.00	0
2/26/20 13:00	4.1	0	9.6	128	0	021	50.0	0	94.80	0	0.00	0
2/26/20 14:00	4.2	0	9.3	115	0	025	49.7	0	93.30	0	0.00	0
2/26/20 15:00	4.7	0	9.7	116	0	019	49.0	0	96.30	0	0.00	0
2/26/20 16:00	4.3	0	8.5	126	0	022	48.6	0	97.90	0	0.00	0
2/26/20 17:00	4.8	0	10.1	121	0	019	48.5	0	96.90	0	0.00	0
2/26/20 18:00	4.6	0	12.1	123	0	022	48.2	0	96.60	0	0.00	0
2/26/20 19:00	5.5	0	12.6	127	0	022	47.4	0	98.90	0	0.00	0
2/26/20 20:00	4.7	0	12.1	125	0	021	47.0	0	100.00	0	0.00	0
2/26/20 21:00	5.4	0	12.7	130	0	021	47.1	0	100.00	0	0.01	0
2/26/20 22:00	5.7	0	16.2	131	0	021	46.8	0	100.00	0	0.01	0
2/26/20 23:00	7.1	0	15.4	126	0	019	45.4	0	100.00	0	0.00	0
2/27/20 0:00	5.8	0	15.6	129	0	024	44.7	0	100.00	0	0.01	0
2/27/20 1:00	13.9	0	27.2	310	0	018	43.3	0	94.40	0	0.29	0
2/27/20 2:00	13.2	0	24.2	316	0	011	41.8	0	90.80	0	0.06	0
2/27/20 3:00	11.7	0	27.1	313	0	013	40.5	0	90.30	0	0.05	0
2/27/20 4:00	11.4	0	21.1	306	0	012	39.5	0	80.90	0	0.00	0
2/27/20 5:00	12.7	0	24.8	304	0	014	38.8	0	69.50	0	0.00	0
2/27/20 6:00	14.8	0	28.2	300	0	014	38.2	0	59.30	0	0.00	0
2/27/20 7:00	16.5	0	34.3	304	0	014	36.8	0	60.50	0	0.00	0
2/27/20 8:00	12.2	0	24.7	300	0	014	35.3	0	60.50	0	0.00	0
2/27/20 9:00	15.3	0	26.2	308	0	016	35.0	0	54.70	0	0.00	0
2/27/20 10:00	16.9	0	32.8	304	0	016	34.5	0	53.10	0	0.00	0
2/27/20 11:00	14.2	0	29.5	295	0	017	35.1	0	52.00	0	0.00	0
2/27/20 12:00	14.6	0	26.2	296	0	017	36.5	0	48.20	0	0.00	0
2/27/20 13:00	15.8	0	29.6	296	0	019	37.1	0	44.30	0	0.00	0

2/27/20 14:00	17.5	0	29.1	296	0	017	38.6	0	39.20	0	0.00	0
2/27/20 15:00	16.8	0	30.7	296	0	016	37.5	0	38.00	0	0.00	0
2/27/20 16:00	18.8	0	34.3	305	0	015	37.0	0	38.20	0	0.00	0
2/27/20 17:00	17.2	0	30.6	301	0	016	36.7	0	37.90	0	0.00	0
2/27/20 18:00	16.8	0	29.4	306	0	013	35.9	0	39.20	0	0.00	0
2/27/20 19:00	13.3	0	24.5	308	0	013	33.9	0	42.20	0	0.00	0
2/27/20 20:00	12.5	0	26.8	308	0	012	32.3	0	42.60	0	0.00	0
2/27/20 21:00	16.2	0	32.6	306	0	014	31.3	0	40.90	0	0.00	0
2/27/20 22:00	10.0	0	22.3	291	0	016	31.1	0	41.10	0	0.00	0
2/27/20 23:00	6.8	0	15.9	276	0	018	30.6	0	41.80	0	0.00	0
2/28/20 0:00	4.9	0	14.1	241	0	024	30.2	0	43.70	0	0.00	0
2/28/20 1:00	4.6	0	15.1	239	0	029	29.9	0	45.90	0	0.00	0
2/28/20 2:00	10.9	0	22.1	292	0	015	31.4	0	42.60	0	0.00	0
2/28/20 3:00	5.4	0	14.2	269	0	022	30.8	0	44.10	0	0.00	0
2/28/20 4:00	3.7	0	8.3	268	0	023	30.8	0	45.10	0	0.00	0
2/28/20 5:00	3.1	0	7.8	219	0	022	30.3	0	47.50	0	0.00	0
2/28/20 6:00	3.2	0	7.9	228	0	021	30.1	0	47.80	0	0.00	0
2/28/20 7:00	4.6	0	10.4	224	0	021	30.0	0	49.00	0	0.00	0
2/28/20 8:00	3.7	0	8.7	229	0	023	30.3	0	50.60	0	0.00	0
2/28/20 9:00	3.5	0	9.5	223	0	022	30.9	0	51.30	0	0.00	0
2/28/20 10:00	4.3	0	10.2	238	0	027	32.0	0	50.40	0	0.00	0
2/28/20 11:00	5.0	0	11.6	248	0	027	33.9	0	48.70	0	0.00	0
2/28/20 12:00	6.0	0	13.6	258	0	032	37.1	0	46.20	0	0.00	0
2/28/20 13:00	6.9	0	16.8	256	0	032	39.0	0	46.70	0	0.00	0
2/28/20 14:00	6.6	0	15.0	276	0	025	40.0	0	46.80	0	0.00	0
2/28/20 15:00	6.8	0	14.6	272	0	039	41.0	0	47.30	0	0.00	0
2/28/20 16:00	8.0	0	16.0	284	0	028	42.3	0	46.90	0	0.00	0
2/28/20 17:00	7.5	0	13.7	304	0	021	41.4	0	50.10	0	0.00	0
2/28/20 18:00	7.7	0	16.2	283	0	032	41.2	0	51.20	0	0.00	0
2/28/20 19:00	6.4	0	15.7	291	0	024	40.1	0	51.10	0	0.00	0
2/28/20 20:00	8.8	0	17.0	299	0	015	40.1	0	41.90	0	0.00	0
2/28/20 21:00	8.0	0	16.5	304	0	013	38.5	0	40.00	0	0.00	0
2/28/20 22:00	8.8	0	17.7	305	0	013	36.9	0	42.50	0	0.00	0
2/28/20 23:00	7.9	0	16.4	308	0	011	34.9	0	48.60	0	0.00	0