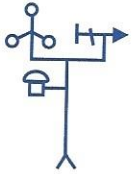




# TECHNICAL ENVIRONMENTAL SERVICES, LLC



February 9, 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 January 2020. All the instrumentation functioned normally during January. Data recovery for all the parameters was near 100%. January had a precipitation total of 3.36 inches.

Attached is a wind rose for the month of January 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 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: 2/7/2020 3:11:43 PM

### WIND ROSE

(WINDS FROM)

N

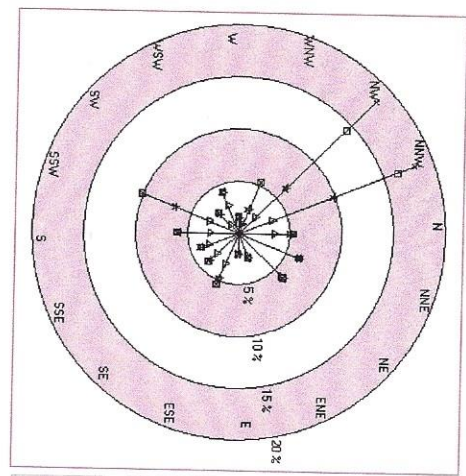
↓

0.00% PERCENT CALMS  
(NOT INCLUDED IN PLOT)

Start Date: 1/1/2020 00:00  
End Date: 1/31/2020 23:00

Sensors Selected:

3M\_W/S  
3M\_C/W/D



- 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	Avg_WS (MPH)	Avg_WD (DEG)	Sigma (DEG)	Max_Wspd (MPH)	Avg_Temp (DEG F)	Min_Temp (DEG F)	Max_Temp (DEG F)	Avg_RelH (%)	Total_Rain (INCH)
1/1/20 0:00	10.6	318.2	013	24.32	42.51	42.2	42.9	54.48	0.00
1/1/20 1:00	9.8	312.1	013	19.69	41.79	41.0	42.4	56.22	0.00
1/1/20 2:00	10.5	314.7	014	21.53	40.59	40.4	41.0	56.87	0.00
1/1/20 3:00	9.3	317.9	013	19.05	40.15	40.0	40.4	58.66	0.00
1/1/20 4:00	10.8	312.7	013	23.63	40.01	39.9	40.1	57.44	0.00
1/1/20 5:00	8.1	312.3	012	16.12	39.85	39.7	40.1	55.12	0.00
1/1/20 6:00	7.7	304.0	015	17.91	39.89	39.6	40.1	53.77	0.00
1/1/20 7:00	6.8	311.3	017	15.71	39.97	39.6	40.2	50.59	0.00
1/1/20 8:00	8.5	311.0	011	15.16	39.27	38.8	39.7	51.44	0.00
1/1/20 9:00	9.2	303.1	016	20.24	38.69	38.4	39.1	49.98	0.00
1/1/20 10:00	13.6	311.8	011	25.01	39.76	38.8	40.6	45.89	0.00
1/1/20 11:00	12.9	307.0	014	23.54	40.98	40.4	41.8	43.94	0.00
1/1/20 12:00	10.8	299.3	018	19.10	42.06	41.2	42.9	43.65	0.00
1/1/20 13:00	11.2	306.9	016	21.71	42.92	42.4	43.6	41.69	0.00
1/1/20 14:00	11.5	304.2	016	20.79	44.09	43.2	45.0	38.46	0.00
1/1/20 15:00	11.0	292.9	020	20.98	45.65	44.4	47.2	35.80	0.00
1/1/20 16:00	9.9	300.0	019	19.51	46.59	45.8	47.2	32.59	0.00
1/1/20 17:00	9.2	311.8	014	19.28	46.56	46.2	47.0	32.53	0.00
1/1/20 18:00	6.5	310.3	013	15.07	45.09	43.4	46.3	32.77	0.00
1/1/20 19:00	4.6	318.2	010	8.29	42.14	41.3	43.4	36.75	0.00
1/1/20 20:00	2.7	353.5	044	5.68	40.97	39.0	42.5	38.32	0.00
1/1/20 21:00	1.7	312.7	050	4.67	39.03	37.7	40.8	42.53	0.00
1/1/20 22:00	1.6	295.7	031	4.17	37.93	37.0	39.7	45.57	0.00
1/1/20 23:00	2.3	309.0	010	3.89	36.08	35.0	38.2	50.68	0.00
1/2/20 0:00	2.2	311.8	014	5.40	36.04	34.0	38.3	50.62	0.00
1/2/20 1:00	1.3	81.2	059	3.80	32.68	31.0	35.6	60.98	0.00
1/2/20 2:00	0.7	68.7	045	3.44	31.09	29.1	33.6	65.66	0.00
1/2/20 3:00	0.8	70.8	061	3.34	30.26	28.7	33.0	69.86	0.00
1/2/20 4:00	0.7	82.0	047	2.43	29.18	27.7	31.8	76.65	0.00
1/2/20 5:00	2.4	49.1	034	4.53	29.78	27.5	32.2	73.78	0.00
1/2/20 6:00	1.9	34.1	024	5.68	27.04	26.2	28.3	84.10	0.00
1/2/20 7:00	1.0	358.0	037	2.66	25.91	25.3	27.3	85.10	0.00
1/2/20 8:00	1.2	8.9	042	2.98	28.01	26.1	30.0	74.93	0.00
1/2/20 9:00	1.0	45.3	035	4.44	25.55	25.0	27.1	88.60	0.00
1/2/20 10:00	1.9	72.2	067	5.50	27.40	25.6	29.4	86.50	0.00
1/2/20 11:00	0.7	199.0	036	2.75	33.31	29.4	36.9	75.94	0.00
1/2/20 12:00	2.6	200.8	026	6.41	39.47	36.9	41.2	65.91	0.00
1/2/20 13:00	3.7	208.5	019	7.15	42.11	41.0	44.1	61.02	0.00
1/2/20 14:00	2.6	183.9	035	7.65	46.55	43.9	48.7	52.35	0.00
1/2/20 15:00	4.0	191.2	036	8.34	49.32	48.7	50.3	47.69	0.00
1/2/20 16:00	3.3	201.1	030	6.73	50.91	49.7	52.1	44.97	0.00

1/2/20 17:00	3.3	188.4	030	8.98	50.49	49.5	51.6	45.53	0.00
1/2/20 18:00	2.1	162.8	021	5.54	48.66	48.1	49.5	48.14	0.00
1/2/20 19:00	1.4	151.2	015	3.21	47.83	47.4	48.1	50.03	0.00
1/2/20 20:00	1.4	159.8	021	4.44	47.58	47.0	48.0	51.69	0.00
1/2/20 21:00	2.4	198.4	022	5.40	48.83	48.0	49.4	49.51	0.00
1/2/20 22:00	1.5	181.9	032	3.57	49.16	48.3	49.8	48.51	0.00
1/2/20 23:00	1.1	245.3	064	3.48	49.50	48.6	49.9	47.90	0.00
1/3/20 0:00	4.3	232.3	021	11.72	50.78	49.1	51.4	46.04	0.00
1/3/20 1:00	4.7	210.7	022	10.12	51.43	51.3	51.6	44.31	0.00
1/3/20 2:00	5.1	217.7	023	10.03	50.72	50.1	51.5	49.86	0.00
1/3/20 3:00	3.6	202.6	022	8.56	49.58	49.1	50.1	55.14	0.00
1/3/20 4:00	4.1	203.0	019	8.98	48.30	47.2	49.1	64.88	0.00
1/3/20 5:00	2.9	197.0	021	7.01	45.88	45.1	47.2	85.10	0.05
1/3/20 6:00	3.6	195.9	021	7.74	44.82	44.7	45.1	95.60	0.06
1/3/20 7:00	1.9	185.6	022	5.50	44.57	44.4	44.8	98.50	0.04
1/3/20 8:00	1.9	198.3	019	4.35	44.88	44.5	45.2	99.10	0.02
1/3/20 9:00	2.4	211.0	021	6.00	45.44	45.1	45.8	98.50	0.00
1/3/20 10:00	3.8	237.7	031	8.93	46.14	45.7	46.4	97.20	0.01
1/3/20 11:00	3.9	219.5	025	9.80	46.90	46.3	47.4	96.60	0.00
1/3/20 12:00	4.4	225.8	021	8.93	47.43	47.2	47.7	95.90	0.00
1/3/20 13:00	4.2	235.2	031	9.62	48.39	47.6	49.6	94.60	0.00
1/3/20 14:00	3.6	226.7	030	8.29	50.41	49.4	51.3	91.00	0.00
1/3/20 15:00	3.5	241.9	040	7.74	51.19	51.0	51.4	90.10	0.00
1/3/20 16:00	3.3	222.7	031	7.65	51.67	51.4	52.0	88.70	0.00
1/3/20 17:00	2.7	242.2	032	7.69	51.55	51.2	51.7	89.50	0.00
1/3/20 18:00	1.1	226.9	045	3.21	50.93	50.6	51.3	92.10	0.00
1/3/20 19:00	1.2	175.1	056	4.72	50.47	50.2	50.8	94.90	0.01
1/3/20 20:00	1.4	81.2	051	3.76	49.59	49.1	50.3	98.40	0.02
1/3/20 21:00	2.0	103.6	068	4.67	49.35	48.9	49.7	99.70	0.01
1/3/20 22:00	1.9	53.1	059	4.35	49.84	49.6	50.2	100.00	0.03
1/3/20 23:00	1.9	74.5	042	4.44	49.64	49.3	49.9	100.00	0.02
1/4/20 0:00	1.6	97.3	048	4.03	49.48	49.2	49.7	100.00	0.00
1/4/20 1:00	2.1	147.1	027	5.54	49.79	49.6	49.9	100.00	0.02
1/4/20 2:00	2.5	160.0	035	6.37	49.90	49.7	50.2	100.00	0.04
1/4/20 3:00	1.2	112.2	069	3.53	49.92	49.8	50.1	100.00	0.01
1/4/20 4:00	2.2	164.0	033	6.32	50.21	49.9	50.8	100.00	0.01
1/4/20 5:00	1.3	222.4	075	3.94	50.96	50.8	51.2	100.00	0.02
1/4/20 6:00	1.5	177.9	070	3.11	50.92	50.4	51.2	100.00	0.01
1/4/20 7:00	1.9	192.2	032	6.18	51.18	51.1	51.3	100.00	0.00
1/4/20 8:00	3.0	208.3	023	5.95	51.38	51.2	51.8	100.00	0.00
1/4/20 9:00	3.6	266.8	025	8.24	52.00	51.7	52.3	100.00	0.00
1/4/20 10:00	1.5	241.4	033	5.45	52.23	52.2	52.3	100.00	0.00

1/4/20 11:00	1.0	228.2	045	2.89	52.29	52.1	52.6	100.00	0.00
1/4/20 12:00	1.0	243.3	052	3.57	53.05	52.6	53.8	100.00	0.00
1/4/20 13:00	1.5	239.7	027	3.62	54.68	53.7	55.4	99.40	0.00
1/4/20 14:00	1.3	245.1	032	3.11	56.39	55.3	57.0	93.10	0.00
1/4/20 15:00	2.0	303.9	031	5.54	57.22	56.8	57.5	87.50	0.00
1/4/20 16:00	3.2	341.3	019	6.60	57.11	56.7	57.4	84.60	0.00
1/4/20 17:00	3.9	343.0	022	11.72	56.11	54.3	56.7	82.00	0.03
1/4/20 18:00	9.6	334.0	017	22.85	50.89	49.4	54.3	89.20	0.12
1/4/20 19:00	5.5	338.4	017	11.04	48.42	47.7	49.4	89.10	0.02
1/4/20 20:00	4.3	333.0	013	8.56	47.27	46.9	47.8	88.20	0.01
1/4/20 21:00	4.7	328.1	013	10.21	46.92	46.6	47.3	85.10	0.00
1/4/20 22:00	8.5	328.1	012	18.41	46.61	46.2	47.0	76.60	0.00
1/4/20 23:00	11.9	331.8	013	23.27	45.44	44.7	46.4	69.71	0.00
1/5/20 0:00	14.3	328.1	013	25.79	43.85	43.2	44.7	68.09	0.00
1/5/20 1:00	13.0	326.9	012	25.28	42.72	42.3	43.3	65.08	0.00
1/5/20 2:00	13.7	328.1	013	26.24	41.69	40.9	42.4	62.40	0.00
1/5/20 3:00	12.8	329.2	012	22.58	40.72	40.5	41.0	63.04	0.00
1/5/20 4:00	11.0	324.7	015	18.50	40.19	39.8	40.6	62.69	0.00
1/5/20 5:00	15.8	325.1	012	28.95	39.97	39.6	40.2	58.10	0.00
1/5/20 6:00	16.5	328.4	015	30.00	38.77	37.6	39.7	55.65	0.00
1/5/20 7:00	18.1	326.6	012	37.14	37.05	36.6	37.6	55.49	0.00
1/5/20 8:00	19.2	326.9	012	36.69	36.03	35.5	36.6	52.60	0.00
1/5/20 9:00	13.7	325.7	011	23.04	35.14	34.9	35.5	55.42	0.00
1/5/20 10:00	12.4	325.0	011	21.80	35.67	35.4	36.2	57.94	0.00
1/5/20 11:00	15.4	323.2	013	28.40	36.72	36.2	37.5	54.70	0.00
1/5/20 12:00	16.3	327.9	014	31.74	37.41	36.9	38.1	50.60	0.00
1/5/20 13:00	17.2	317.5	012	29.45	38.00	37.0	39.3	51.55	0.00
1/5/20 14:00	14.6	321.5	014	27.25	37.68	37.1	39.0	51.98	0.00
1/5/20 15:00	10.3	315.5	018	21.25	37.67	37.1	38.8	54.40	0.00
1/5/20 16:00	9.9	315.5	016	21.21	37.98	37.2	38.9	53.82	0.00
1/5/20 17:00	9.0	321.1	015	18.18	38.10	37.3	38.8	53.95	0.00
1/5/20 18:00	9.5	305.9	013	19.47	37.35	36.4	38.6	52.71	0.00
1/5/20 19:00	5.7	330.4	014	11.72	35.89	35.4	36.6	57.39	0.00
1/5/20 20:00	1.3	334.6	063	4.81	34.38	33.6	35.4	60.74	0.00
1/5/20 21:00	1.6	2.3	052	4.08	32.38	31.2	33.6	67.77	0.00
1/5/20 22:00	1.4	71.1	063	3.57	31.09	30.0	32.4	72.59	0.00
1/5/20 23:00	1.1	91.9	069	3.99	30.23	29.2	31.3	77.30	0.00
1/6/20 0:00	1.1	50.9	060	3.30	30.51	29.3	31.4	76.56	0.00
1/6/20 1:00	1.3	71.4	047	3.21	29.24	28.0	31.0	81.50	0.00
1/6/20 2:00	0.9	116.1	061	4.31	29.20	28.6	29.8	86.50	0.00
1/6/20 3:00	1.4	112.5	027	4.26	31.25	29.8	32.1	79.74	0.00
1/6/20 4:00	1.0	95.1	066	3.85	32.15	31.1	33.4	79.76	0.00

1/6/20 5:00	1.6	192.4	061	5.63	33.69	32.8	34.6	74.08	0.00
1/6/20 6:00	3.8	205.1	019	7.97	34.80	34.6	35.0	70.79	0.00
1/6/20 7:00	1.9	198.4	027	6.09	35.07	34.8	35.3	70.89	0.00
1/6/20 8:00	1.7	164.4	017	4.08	35.04	34.9	35.2	72.31	0.00
1/6/20 9:00	2.0	138.7	015	3.25	35.59	35.1	36.2	72.01	0.00
1/6/20 10:00	2.7	227.1	025	8.20	38.07	36.2	39.4	64.77	0.00
1/6/20 11:00	3.8	230.5	023	9.94	41.13	39.4	44.9	58.50	0.00
1/6/20 12:00	6.7	236.7	035	17.22	46.90	45.0	48.5	46.97	0.00
1/6/20 13:00	12.2	298.0	018	23.54	49.02	47.3	49.9	39.84	0.00
1/6/20 14:00	13.7	304.0	015	25.97	49.83	49.1	50.4	37.30	0.00
1/6/20 15:00	12.0	294.5	018	21.02	50.10	49.7	50.9	34.72	0.00
1/6/20 16:00	10.4	290.9	020	19.37	49.84	49.4	50.4	30.35	0.00
1/6/20 17:00	8.4	299.0	016	16.90	49.67	49.1	50.9	29.79	0.00
1/6/20 18:00	8.0	293.5	015	17.40	47.89	46.3	49.2	30.22	0.00
1/6/20 19:00	6.3	295.3	015	11.08	45.31	44.4	46.4	32.48	0.00
1/6/20 20:00	5.1	286.7	020	10.40	43.44	42.0	44.7	34.00	0.00
1/6/20 21:00	6.0	305.9	009	10.21	42.41	41.5	43.1	34.67	0.00
1/6/20 22:00	3.9	300.5	010	7.47	40.51	40.0	41.5	37.66	0.00
1/6/20 23:00	2.2	258.0	052	3.80	39.10	37.0	40.3	40.37	0.00
1/7/20 0:00	2.0	240.6	038	3.71	37.83	37.2	38.6	42.10	0.00
1/7/20 1:00	3.3	293.6	024	9.30	37.43	36.7	38.8	42.88	0.00
1/7/20 2:00	2.6	258.8	059	8.66	37.57	36.4	39.1	41.95	0.00
1/7/20 3:00	1.2	184.4	072	3.16	34.82	32.3	36.7	47.65	0.00
1/7/20 4:00	1.4	35.2	057	4.08	33.28	30.1	36.0	52.30	0.00
1/7/20 5:00	1.3	18.1	023	5.45	31.67	29.0	34.1	61.00	0.00
1/7/20 6:00	2.1	20.5	048	5.59	29.53	28.4	31.0	72.21	0.00
1/7/20 7:00	2.2	12.8	046	6.32	29.36	28.2	31.9	70.82	0.00
1/7/20 8:00	1.4	128.7	071	4.21	30.10	29.4	31.7	64.56	0.00
1/7/20 9:00	2.0	12.9	056	4.08	30.28	28.0	31.9	64.11	0.00
1/7/20 10:00	1.6	44.4	035	3.34	33.31	31.4	34.8	62.46	0.00
1/7/20 11:00	2.7	129.7	030	7.97	38.99	34.8	42.2	49.66	0.00
1/7/20 12:00	4.1	134.5	025	11.54	42.87	42.1	43.7	34.52	0.00
1/7/20 13:00	4.1	119.0	023	9.94	42.31	42.0	42.7	35.03	0.00
1/7/20 14:00	3.5	135.7	065	12.37	40.58	38.4	42.2	49.95	0.00
1/7/20 15:00	2.7	85.4	071	6.82	35.94	33.4	38.4	84.10	0.03
1/7/20 16:00	2.8	14.1	021	7.92	32.64	32.4	33.4	97.50	0.01
1/7/20 17:00	2.9	23.1	026	5.40	32.30	32.2	32.4	98.90	0.00
1/7/20 18:00	3.5	356.3	024	7.51	32.20	32.2	32.3	99.20	0.00
1/7/20 19:00	7.0	334.5	014	12.05	32.01	31.9	32.2	99.50	0.00
1/7/20 20:00	5.8	341.6	020	11.82	31.88	31.8	32.0	99.60	0.00
1/7/20 21:00	7.2	330.0	011	14.11	31.91	31.6	32.1	98.60	0.00
1/7/20 22:00	6.9	321.0	009	12.46	31.33	30.9	31.6	96.40	0.00

1/7/20 23:00	6.0	310.6	009	9.43	30.77	30.3	31.0	96.20	0.00
1/8/20 0:00	3.0	313.2	032	6.64	29.78	29.2	30.4	96.30	0.00
1/8/20 1:00	2.3	263.8	027	4.58	29.11	28.8	29.7	95.30	0.00
1/8/20 2:00	2.9	250.4	019	5.40	29.37	29.0	29.7	94.30	0.00
1/8/20 3:00	2.9	248.7	027	6.09	29.46	29.1	29.9	92.60	0.00
1/8/20 4:00	2.6	243.0	027	6.50	29.45	28.9	29.9	90.10	0.00
1/8/20 5:00	2.9	243.0	033	6.87	30.40	29.8	31.1	88.30	0.00
1/8/20 6:00	1.7	205.5	038	4.67	30.68	30.4	30.9	89.00	0.00
1/8/20 7:00	2.1	214.1	038	5.45	30.22	29.7	30.7	90.00	0.00
1/8/20 8:00	3.8	227.7	025	8.38	31.90	30.7	32.5	83.40	0.00
1/8/20 9:00	4.4	228.2	022	10.44	32.17	31.6	32.6	83.30	0.00
1/8/20 10:00	5.0	288.7	035	11.31	32.79	32.3	33.8	87.10	0.00
1/8/20 11:00	6.8	277.4	025	13.05	35.10	33.8	36.1	78.87	0.00
1/8/20 12:00	6.6	271.8	019	12.23	37.40	36.1	38.5	73.61	0.00
1/8/20 13:00	8.2	271.9	019	16.63	39.42	38.4	40.4	65.06	0.23
1/8/20 14:00	11.6	292.5	020	23.68	40.69	40.1	41.2	54.11	0.05
1/8/20 15:00	17.9	308.3	014	35.45	41.29	41.0	41.6	34.19	0.00
1/8/20 16:00	18.2	317.8	012	33.39	41.19	40.9	41.6	31.69	0.00
1/8/20 17:00	15.0	319.2	012	25.05	40.66	40.0	41.5	32.61	0.00
1/8/20 18:00	11.0	323.0	012	24.69	39.10	37.8	40.1	34.06	0.00
1/8/20 19:00	9.4	332.5	016	22.08	36.80	35.8	37.8	39.17	0.00
1/8/20 20:00	8.1	337.8	015	19.92	34.58	33.7	35.8	47.20	0.00
1/8/20 21:00	7.4	333.6	017	16.26	33.28	32.7	33.9	51.29	0.00
1/8/20 22:00	9.7	333.9	016	20.70	32.53	32.2	32.7	51.81	0.00
1/8/20 23:00	6.9	336.1	021	16.95	31.97	31.4	32.6	51.69	0.00
1/9/20 0:00	6.6	334.6	021	13.47	30.91	30.6	31.3	52.33	0.00
1/9/20 1:00	3.6	345.1	026	7.19	29.93	29.2	30.8	53.10	0.00
1/9/20 2:00	4.3	351.1	035	9.39	28.85	28.3	29.2	53.95	0.00
1/9/20 3:00	3.7	351.2	033	8.52	27.91	27.6	28.5	53.94	0.00
1/9/20 4:00	3.0	346.9	016	5.95	27.27	26.7	27.8	55.17	0.00
1/9/20 5:00	2.3	1.2	028	4.81	26.43	25.9	26.8	57.53	0.00
1/9/20 6:00	1.9	359.9	027	4.40	25.29	24.2	26.1	60.12	0.00
1/9/20 7:00	1.6	1.0	044	4.72	24.46	23.5	25.2	62.37	0.00
1/9/20 8:00	1.3	27.8	049	3.11	22.69	22.1	24.0	71.14	0.00
1/9/20 9:00	1.3	17.3	033	5.08	22.29	21.5	24.0	75.10	0.00
1/9/20 10:00	2.0	63.1	037	5.95	25.59	24.0	26.1	60.78	0.00
1/9/20 11:00	3.5	65.7	038	7.56	27.41	26.0	28.4	54.10	0.00
1/9/20 12:00	2.3	74.4	064	7.69	29.75	27.8	31.4	48.72	0.00
1/9/20 13:00	3.6	155.7	066	8.34	31.92	30.5	33.9	43.25	0.00
1/9/20 14:00	2.7	197.7	057	8.02	34.14	32.8	35.5	39.35	0.00
1/9/20 15:00	3.6	144.3	045	8.34	35.46	34.4	37.2	37.03	0.00
1/9/20 16:00	4.2	169.2	038	9.16	37.20	36.2	38.1	35.24	0.00



1/9/20 17:00	4.4	161.7	032	9.39	37.02	36.2	37.8	36.21	0.00
1/9/20 18:00	3.2	152.9	025	8.24	36.66	35.7	37.3	38.03	0.00
1/9/20 19:00	3.7	143.6	020	10.81	34.85	34.0	35.7	45.04	0.00
1/9/20 20:00	3.8	154.6	023	10.31	32.96	32.4	34.0	47.60	0.00
1/9/20 21:00	3.4	159.6	023	8.47	32.15	31.8	32.4	48.18	0.00
1/9/20 22:00	2.8	157.7	020	6.50	31.76	31.6	32.0	51.23	0.00
1/9/20 23:00	2.9	163.7	023	6.82	32.19	31.9	32.7	49.12	0.00
1/10/20 0:00	3.0	153.6	027	7.74	32.79	32.5	33.2	50.41	0.00
1/10/20 1:00	5.1	178.3	025	12.50	33.68	33.2	33.9	63.17	0.00
1/10/20 2:00	3.4	177.7	027	9.11	33.43	33.2	33.8	71.00	0.00
1/10/20 3:00	3.7	181.4	023	9.76	33.36	33.2	33.6	74.56	0.00
1/10/20 4:00	4.2	181.5	022	10.21	33.56	33.2	34.1	76.91	0.00
1/10/20 5:00	4.8	191.5	022	9.66	34.20	34.0	34.4	77.44	0.00
1/10/20 6:00	3.9	207.4	020	8.75	34.43	34.2	34.8	78.04	0.00
1/10/20 7:00	2.5	210.2	028	5.45	35.08	34.7	35.4	77.02	0.00
1/10/20 8:00	2.9	198.5	040	6.46	36.04	35.4	37.2	74.76	0.00
1/10/20 9:00	4.5	198.2	023	8.66	37.75	37.2	38.2	70.10	0.00
1/10/20 10:00	3.8	191.5	024	8.66	39.24	38.2	40.6	67.35	0.00
1/10/20 11:00	5.2	194.4	023	12.41	41.83	40.6	42.8	65.95	0.00
1/10/20 12:00	5.5	196.9	024	11.27	44.25	42.8	45.8	65.29	0.00
1/10/20 13:00	6.1	200.7	021	11.91	47.65	45.8	49.7	65.47	0.00
1/10/20 14:00	8.1	207.6	021	16.67	51.26	49.7	52.3	65.91	0.00
1/10/20 15:00	7.5	204.5	021	18.69	52.69	52.3	53.1	65.69	0.00
1/10/20 16:00	5.6	192.4	025	11.27	52.94	52.7	53.2	65.57	0.00
1/10/20 17:00	4.5	183.3	026	12.73	51.77	51.0	53.0	66.68	0.00
1/10/20 18:00	3.6	183.6	024	10.08	50.59	50.2	51.0	69.41	0.00
1/10/20 19:00	2.0	152.5	021	5.18	50.00	49.5	50.4	72.25	0.00
1/10/20 20:00	1.4	158.7	027	4.67	49.86	49.4	50.3	74.48	0.00
1/10/20 21:00	1.4	163.2	018	3.39	50.93	50.1	51.6	75.76	0.00
1/10/20 22:00	1.0	139.0	022	2.70	51.35	50.2	52.0	77.92	0.00
1/10/20 23:00	1.2	159.4	017	2.98	51.69	50.6	52.6	79.46	0.00
1/11/20 0:00	1.5	167.6	021	4.76	51.77	50.6	52.9	81.00	0.00
1/11/20 1:00	1.8	176.4	022	4.86	52.32	51.9	52.9	81.10	0.00
1/11/20 2:00	1.7	169.7	023	5.40	52.56	52.2	52.9	81.10	0.00
1/11/20 3:00	2.5	163.7	021	5.82	52.46	52.3	52.6	81.30	0.00
1/11/20 4:00	2.5	183.6	024	6.18	52.39	52.2	52.7	82.00	0.00
1/11/20 5:00	3.0	178.5	022	6.55	52.09	51.9	52.3	83.60	0.00
1/11/20 6:00	3.0	188.6	021	6.00	51.87	51.6	52.1	85.50	0.00
1/11/20 7:00	2.9	179.7	026	7.28	51.93	51.7	52.3	87.40	0.00
1/11/20 8:00	2.2	179.6	022	5.63	52.79	52.3	53.3	88.50	0.00
1/11/20 9:00	4.6	186.9	023	11.31	54.60	53.3	56.2	87.80	0.00
1/11/20 10:00	7.8	197.9	022	20.11	57.90	56.2	59.3	83.50	0.00

1/11/20 11:00	9.7	197.9	024	22.95	59.97	59.3	60.5	79.82	0.00
1/11/20 12:00	9.7	198.5	021	21.43	61.29	60.5	62.4	76.92	0.00
1/11/20 13:00	8.4	198.9	023	21.48	63.30	62.4	64.4	73.17	0.00
1/11/20 14:00	9.7	200.1	022	21.34	65.11	64.4	65.8	71.02	0.00
1/11/20 15:00	9.0	201.6	022	22.03	65.95	65.7	66.2	72.53	0.00
1/11/20 16:00	6.9	196.0	024	16.81	67.36	66.1	69.0	70.53	0.00
1/11/20 17:00	8.6	198.0	025	22.26	69.24	68.8	69.7	66.72	0.00
1/11/20 18:00	10.4	192.7	025	22.90	68.48	67.4	69.5	69.40	0.00
1/11/20 19:00	8.4	198.7	024	21.76	67.15	67.0	67.4	74.78	0.00
1/11/20 20:00	9.2	199.9	023	23.13	67.28	66.6	67.6	77.59	0.00
1/11/20 21:00	8.6	190.9	025	18.50	65.87	65.5	66.6	84.50	0.00
1/11/20 22:00	9.7	194.2	024	22.21	65.55	65.3	66.0	87.70	0.00
1/11/20 23:00	12.3	200.7	023	27.66	66.06	65.9	66.5	86.20	0.00
1/12/20 0:00	12.2	199.2	023	29.22	66.81	66.4	67.3	83.80	0.00
1/12/20 1:00	10.4	192.8	024	25.92	66.41	65.9	67.0	86.90	0.00
1/12/20 2:00	11.5	202.0	025	22.49	66.26	65.1	66.8	89.50	0.13
1/12/20 3:00	9.4	197.9	024	19.28	64.94	64.0	65.6	93.70	0.10
1/12/20 4:00	8.8	196.2	024	19.28	63.81	63.4	64.5	94.40	0.01
1/12/20 5:00	10.7	206.7	018	21.71	65.77	64.5	66.5	89.30	0.00
1/12/20 6:00	10.3	212.1	022	20.38	65.97	65.4	66.7	89.00	0.00
1/12/20 7:00	10.2	231.9	034	22.81	65.80	64.2	66.4	88.00	0.04
1/12/20 8:00	5.2	253.0	022	12.18	63.76	63.3	64.3	94.50	0.00
1/12/20 9:00	8.6	283.7	026	21.89	62.51	61.5	63.3	77.96	0.00
1/12/20 10:00	11.3	301.4	012	20.11	61.00	60.3	61.9	53.28	0.00
1/12/20 11:00	11.9	301.0	013	24.78	61.26	60.9	61.7	52.02	0.00
1/12/20 12:00	8.5	292.0	018	20.29	61.68	60.9	62.8	51.50	0.00
1/12/20 13:00	10.5	308.3	018	21.11	62.85	62.3	63.6	49.72	0.00
1/12/20 14:00	11.2	301.1	016	22.90	63.56	62.7	64.2	45.92	0.00
1/12/20 15:00	10.7	307.5	016	23.08	63.80	63.0	64.6	44.07	0.00
1/12/20 16:00	9.3	317.8	019	19.37	63.57	63.0	64.3	44.68	0.00
1/12/20 17:00	7.4	330.6	016	14.52	62.91	62.2	63.6	46.18	0.00
1/12/20 18:00	5.3	350.8	021	11.95	60.60	58.8	62.2	49.90	0.00
1/12/20 19:00	4.1	346.8	019	9.80	57.20	56.0	58.8	55.26	0.00
1/12/20 20:00	3.4	6.4	024	7.83	54.52	53.0	56.1	60.69	0.00
1/12/20 21:00	2.3	1.9	024	5.73	52.02	50.9	53.0	65.18	0.00
1/12/20 22:00	1.5	27.9	022	5.77	49.72	48.8	51.0	68.43	0.00
1/12/20 23:00	1.4	55.5	025	3.44	48.14	47.5	48.9	71.23	0.00
1/13/20 0:00	2.1	31.7	020	5.04	45.86	44.8	47.5	76.69	0.00
1/13/20 1:00	2.1	31.6	020	5.13	44.89	43.6	45.6	77.31	0.00
1/13/20 2:00	1.4	42.5	022	4.26	44.20	43.9	44.5	76.83	0.00
1/13/20 3:00	1.4	36.0	027	3.62	43.32	42.7	44.0	77.57	0.00
1/13/20 4:00	1.2	31.1	025	2.75	42.26	41.8	42.7	79.81	0.00

1/13/20 5:00	1.3	32.5	032	2.61	41.22	40.3	42.1	82.40	0.00
1/13/20 6:00	1.1	42.2	036	2.38	40.31	40.0	40.8	84.10	0.00
1/13/20 7:00	1.7	21.7	027	3.44	39.01	37.7	40.4	86.90	0.00
1/13/20 8:00	2.0	0.6	015	3.99	37.95	36.8	38.9	89.70	0.00
1/13/20 9:00	1.5	21.5	017	3.89	38.56	37.2	39.7	87.80	0.00
1/13/20 10:00	1.3	2.1	023	2.93	40.46	39.6	41.9	83.70	0.00
1/13/20 11:00	1.9	13.5	025	4.12	43.03	41.9	44.2	78.25	0.00
1/13/20 12:00	2.4	17.2	027	5.31	45.16	44.2	46.2	74.71	0.00
1/13/20 13:00	2.2	34.5	025	5.27	46.99	46.1	47.7	72.64	0.00
1/13/20 14:00	2.0	322.8	042	7.92	49.09	47.7	49.8	70.54	0.00
1/13/20 15:00	2.9	319.4	021	6.18	49.83	49.5	50.2	69.15	0.00
1/13/20 16:00	2.4	351.7	024	6.23	50.34	50.1	50.8	68.39	0.00
1/13/20 17:00	1.2	18.8	028	3.76	50.72	50.6	50.9	67.20	0.00
1/13/20 18:00	0.5	128.3	035	1.83	50.07	49.3	50.7	67.42	0.00
1/13/20 19:00	1.1	78.1	037	2.15	49.06	48.6	49.7	69.97	0.00
1/13/20 20:00	0.4	337.4	036	2.02	46.49	45.5	48.6	77.24	0.00
1/13/20 21:00	1.3	10.6	028	2.52	45.23	42.8	46.4	80.70	0.00
1/13/20 22:00	0.7	47.7	010	2.43	42.72	41.8	43.7	87.50	0.00
1/13/20 23:00	1.6	41.1	030	3.76	41.06	40.1	42.5	92.00	0.00
1/14/20 0:00	0.8	34.5	017	2.43	40.31	39.9	40.8	94.20	0.00
1/14/20 1:00	1.5	32.1	035	4.26	39.16	37.0	40.9	94.60	0.00
1/14/20 2:00	1.9	41.8	034	4.86	37.48	36.6	38.2	97.70	0.00
1/14/20 3:00	1.7	35.3	015	4.17	38.54	37.3	39.7	96.00	0.00
1/14/20 4:00	0.9	28.1	038	3.11	38.30	37.9	39.1	96.20	0.00
1/14/20 5:00	0.8	110.5	026	3.80	38.47	37.6	40.2	96.20	0.00
1/14/20 6:00	1.5	59.0	032	2.98	39.96	39.5	40.5	93.80	0.00
1/14/20 7:00	1.2	108.7	047	3.66	41.02	39.8	42.1	95.10	0.00
1/14/20 8:00	2.3	122.2	038	7.24	42.57	42.1	43.0	95.60	0.00
1/14/20 9:00	2.8	131.2	019	6.18	43.04	42.9	43.2	97.60	0.01
1/14/20 10:00	3.2	133.6	029	8.38	43.13	42.8	43.4	97.50	0.01
1/14/20 11:00	2.7	88.0	032	5.86	43.67	43.3	43.9	97.40	0.04
1/14/20 12:00	2.4	119.7	024	6.73	44.13	43.9	44.4	98.30	0.01
1/14/20 13:00	3.2	146.9	024	9.07	44.54	44.3	44.8	97.80	0.01
1/14/20 14:00	2.9	142.8	027	7.01	44.91	44.7	45.2	96.90	0.00
1/14/20 15:00	2.1	148.7	028	6.64	45.02	44.8	45.3	97.10	0.00
1/14/20 16:00	2.9	149.4	022	7.33	45.21	45.1	45.3	98.00	0.00
1/14/20 17:00	2.6	137.8	027	7.05	45.26	45.2	45.4	99.10	0.00
1/14/20 18:00	1.9	134.0	034	5.68	45.16	45.0	45.3	99.60	0.00
1/14/20 19:00	1.1	102.3	034	3.57	45.09	45.0	45.2	99.90	0.00
1/14/20 20:00	1.1	39.6	038	3.39	45.06	44.9	45.2	100.00	0.00
1/14/20 21:00	0.5	109.1	031	2.34	44.98	44.9	45.1	100.00	0.00
1/14/20 22:00	0.8	16.4	022	2.75	44.86	44.8	44.9	100.00	0.00

1/14/20 23:00	0.7	157.2	028	2.24	44.75	44.6	44.9	100.00	0.01
1/15/20 0:00	0.7	235.6	030	3.53	45.13	44.8	45.7	100.00	0.00
1/15/20 1:00	1.7	280.1	034	4.17	45.42	45.0	45.7	100.00	0.00
1/15/20 2:00	0.4	14.6	019	2.70	44.92	44.5	45.1	100.00	0.00
1/15/20 3:00	1.6	0.2	024	3.71	44.05	43.5	44.5	100.00	0.00
1/15/20 4:00	1.0	336.7	015	3.34	42.67	42.1	43.5	100.00	0.00
1/15/20 5:00	2.2	320.7	018	4.31	41.34	40.9	42.1	100.00	0.00
1/15/20 6:00	1.6	291.5	024	4.49	40.62	40.3	41.0	99.90	0.00
1/15/20 7:00	1.5	264.3	037	3.85	39.88	39.5	40.4	99.90	0.00
1/15/20 8:00	1.6	345.9	018	3.34	39.15	37.9	39.5	99.90	0.00
1/15/20 9:00	2.0	345.2	019	4.44	37.97	37.1	38.4	99.90	0.00
1/15/20 10:00	1.7	326.9	033	3.48	40.35	38.4	43.8	100.00	0.00
1/15/20 11:00	1.1	340.3	070	2.79	45.24	43.3	48.1	92.40	0.00
1/15/20 12:00	2.3	209.9	065	6.60	49.00	47.8	50.7	79.25	0.00
1/15/20 13:00	3.5	191.6	030	8.15	51.15	49.7	53.0	75.30	0.00
1/15/20 14:00	2.6	306.1	050	6.96	54.58	52.8	56.2	62.91	0.00
1/15/20 15:00	2.0	306.9	047	5.59	57.01	55.9	58.3	51.88	0.00
1/15/20 16:00	3.5	207.1	034	10.53	58.34	57.7	59.0	47.98	0.00
1/15/20 17:00	3.7	180.9	030	8.66	57.72	56.9	58.6	49.02	0.00
1/15/20 18:00	3.7	179.0	025	8.70	55.62	53.8	57.5	55.37	0.00
1/15/20 19:00	4.6	195.3	021	13.14	52.56	51.1	53.8	66.65	0.00
1/15/20 20:00	3.9	187.3	024	9.39	50.31	49.6	51.1	80.30	0.00
1/15/20 21:00	5.0	192.7	024	10.63	49.13	48.4	49.6	84.30	0.00
1/15/20 22:00	4.9	196.8	023	10.67	48.08	47.9	48.4	89.40	0.00
1/15/20 23:00	4.6	194.6	024	10.63	48.15	47.9	48.3	91.70	0.00
1/16/20 0:00	4.6	192.9	025	13.65	48.24	48.1	48.4	94.00	0.00
1/16/20 1:00	4.5	189.5	024	10.90	48.15	47.7	48.4	94.60	0.00
1/16/20 2:00	3.2	185.4	024	7.51	48.44	47.7	49.2	95.70	0.00
1/16/20 3:00	4.0	202.1	021	8.84	49.74	49.1	50.1	95.60	0.00
1/16/20 4:00	2.0	194.0	021	4.72	49.37	49.0	49.9	96.40	0.00
1/16/20 5:00	2.1	269.0	053	8.98	49.84	48.8	50.8	97.60	0.00
1/16/20 6:00	5.5	291.3	021	10.63	50.65	50.4	50.9	96.50	0.00
1/16/20 7:00	4.8	303.8	027	10.58	49.82	48.7	50.7	91.10	0.00
1/16/20 8:00	3.1	286.0	023	7.24	50.33	49.4	51.1	78.20	0.00
1/16/20 9:00	6.3	309.2	021	17.77	51.20	49.4	52.2	59.40	0.00
1/16/20 10:00	10.4	323.0	019	23.04	50.97	50.6	51.7	46.35	0.00
1/16/20 11:00	13.2	322.5	017	30.18	49.93	49.1	50.9	44.29	0.00
1/16/20 12:00	15.4	322.1	013	28.35	49.55	48.9	50.5	40.77	0.00
1/16/20 13:00	15.9	322.9	014	31.60	49.53	49.0	50.3	41.47	0.00
1/16/20 14:00	14.8	320.5	017	24.64	49.20	48.0	50.1	38.98	0.00
1/16/20 15:00	16.3	323.8	014	28.76	47.39	46.3	49.4	37.71	0.00
1/16/20 16:00	13.5	327.1	017	27.71	45.80	44.7	47.7	38.61	0.00

1/16/20 17:00	14.6	325.5	014	30.18	45.92	45.7	46.2	36.24	0.00
1/16/20 18:00	15.0	324.3	013	31.74	45.01	42.7	45.8	37.48	0.00
1/16/20 19:00	18.0	328.2	013	33.66	41.34	40.4	42.7	37.97	0.00
1/16/20 20:00	14.4	324.1	012	28.99	39.55	38.6	40.4	40.36	0.00
1/16/20 21:00	13.8	325.3	014	33.98	37.22	35.9	38.6	54.78	0.00
1/16/20 22:00	11.8	328.8	013	23.59	35.37	34.9	36.0	62.06	0.00
1/16/20 23:00	12.6	329.7	014	22.63	34.63	34.2	35.0	59.94	0.00
1/17/20 0:00	12.4	330.0	014	27.02	33.85	33.1	34.4	61.31	0.00
1/17/20 1:00	11.5	327.5	013	22.12	32.94	32.6	33.3	62.86	0.00
1/17/20 2:00	13.4	324.7	011	26.88	32.38	32.1	32.7	63.29	0.00
1/17/20 3:00	12.4	328.1	012	24.92	31.94	31.8	32.2	62.41	0.00
1/17/20 4:00	8.5	343.7	023	23.13	31.67	31.2	32.0	61.66	0.00
1/17/20 5:00	11.6	335.3	018	24.00	30.83	30.5	31.2	60.42	0.00
1/17/20 6:00	10.1	334.4	015	21.53	30.02	29.7	30.5	55.97	0.00
1/17/20 7:00	9.8	340.0	018	22.08	29.30	28.7	29.8	49.31	0.00
1/17/20 8:00	7.8	338.6	019	15.89	28.48	28.2	28.7	50.19	0.00
1/17/20 9:00	8.9	337.5	018	16.72	27.88	27.7	28.2	49.54	0.00
1/17/20 10:00	8.3	337.6	020	16.99	28.30	27.8	28.9	48.09	0.00
1/17/20 11:00	10.3	338.1	019	20.24	29.22	28.7	29.7	47.64	0.00
1/17/20 12:00	8.8	348.9	025	17.72	30.57	29.7	31.6	44.41	0.00
1/17/20 13:00	9.1	337.8	022	18.05	31.39	30.9	32.1	42.89	0.00
1/17/20 14:00	6.7	344.4	029	15.71	32.83	31.7	33.7	42.74	0.00
1/17/20 15:00	5.8	343.9	037	15.02	34.11	33.2	35.4	39.21	0.00
1/17/20 16:00	6.3	337.9	030	17.86	34.33	33.6	35.5	38.63	0.00
1/17/20 17:00	5.0	356.0	043	13.92	34.53	33.7	35.5	35.48	0.00
1/17/20 18:00	3.5	3.4	029	9.21	32.96	31.8	34.2	35.58	0.00
1/17/20 19:00	3.4	337.7	015	7.83	30.75	30.1	31.8	42.95	0.00
1/17/20 20:00	3.4	338.6	014	6.55	29.76	29.3	30.2	46.50	0.00
1/17/20 21:00	1.9	343.5	016	5.22	28.80	28.4	29.3	49.43	0.00
1/17/20 22:00	1.6	357.9	029	3.44	27.92	27.6	28.4	51.28	0.00
1/17/20 23:00	1.2	19.5	034	2.98	26.67	25.5	27.6	58.78	0.00
1/18/20 0:00	1.3	66.4	032	2.70	25.76	25.4	26.4	61.07	0.00
1/18/20 1:00	1.6	50.5	015	2.66	25.66	25.4	26.0	65.61	0.00
1/18/20 2:00	2.8	91.0	016	5.82	26.10	25.6	26.4	52.21	0.00
1/18/20 3:00	2.4	110.2	016	6.18	25.86	25.6	26.0	45.66	0.00
1/18/20 4:00	2.1	140.5	020	5.82	25.82	25.5	26.1	48.20	0.00
1/18/20 5:00	2.1	139.4	023	5.31	25.98	25.9	26.1	46.02	0.00
1/18/20 6:00	1.4	135.7	022	3.99	26.23	26.0	26.5	45.39	0.00
1/18/20 7:00	2.6	136.6	023	8.02	26.48	26.4	26.6	47.89	0.00
1/18/20 8:00	4.1	159.3	034	11.86	26.68	26.0	27.0	52.24	0.00
1/18/20 9:00	4.0	184.5	028	11.95	25.87	25.7	26.1	72.33	0.00
1/18/20 10:00	3.6	166.8	029	9.30	25.81	25.7	26.0	81.10	0.00

1/18/20 11:00	4.5	166.2	029	12.96	26.66	25.9	28.1	77.03	0.00
1/18/20 12:00	5.7	173.4	029	15.94	28.01	27.6	28.5	70.92	0.00
1/18/20 13:00	5.6	183.9	028	17.45	28.68	28.2	29.2	73.45	0.00
1/18/20 14:00	4.9	171.8	030	13.28	28.81	28.6	29.2	83.10	0.00
1/18/20 15:00	4.3	168.6	028	12.14	29.37	28.7	29.9	85.70	0.00
1/18/20 16:00	5.3	176.3	028	14.93	30.16	29.9	30.4	79.79	0.00
1/18/20 17:00	5.9	186.3	025	13.28	30.48	30.2	30.6	83.80	0.00
1/18/20 18:00	4.7	188.2	027	11.27	30.70	30.5	31.0	91.40	0.00
1/18/20 19:00	4.2	187.1	027	9.89	31.08	30.9	31.4	94.20	0.00
1/18/20 20:00	4.6	196.9	025	10.40	31.88	31.3	32.3	94.20	0.00
1/18/20 21:00	4.0	196.0	022	10.72	32.62	32.3	33.0	95.60	0.00
1/18/20 22:00	7.2	203.2	021	18.55	33.55	32.9	34.1	95.40	0.00
1/18/20 23:00	7.5	206.6	018	15.16	34.67	34.1	35.6	96.00	0.01
1/19/20 0:00	9.6	208.3	021	19.14	36.94	35.6	37.9	95.90	0.26
1/19/20 1:00	8.4	208.7	019	17.36	38.69	37.9	39.3	95.70	0.01
1/19/20 2:00	7.6	209.2	020	16.76	39.85	39.3	40.3	95.20	0.00
1/19/20 3:00	6.9	221.9	030	15.07	40.71	40.2	41.2	94.20	0.00
1/19/20 4:00	4.7	288.9	019	11.77	40.90	40.7	41.1	95.70	0.02
1/19/20 5:00	3.7	247.2	030	8.15	40.65	40.6	40.8	96.70	0.01
1/19/20 6:00	2.5	305.5	047	6.64	40.25	40.1	40.7	97.70	0.07
1/19/20 7:00	4.4	339.1	028	10.49	39.63	39.1	40.2	97.90	0.00
1/19/20 8:00	5.4	318.3	011	12.14	39.07	38.6	39.9	85.50	0.00
1/19/20 9:00	4.8	335.9	030	11.27	38.29	37.3	39.3	76.47	0.00
1/19/20 10:00	12.9	320.1	010	25.92	39.40	37.8	40.0	63.44	0.00
1/19/20 11:00	15.7	322.4	013	29.54	39.78	39.6	40.2	53.82	0.00
1/19/20 12:00	12.2	329.9	020	23.59	39.45	38.9	40.1	54.99	0.00
1/19/20 13:00	12.7	325.3	018	25.60	39.08	38.3	39.7	53.29	0.00
1/19/20 14:00	15.2	331.1	017	28.72	38.03	36.5	39.2	54.29	0.00
1/19/20 15:00	16.1	325.0	015	28.12	36.36	34.9	37.3	48.77	0.00
1/19/20 16:00	12.7	314.3	014	25.65	35.42	34.2	36.5	47.09	0.00
1/19/20 17:00	11.4	326.1	017	21.76	33.40	32.6	34.2	52.48	0.00
1/19/20 18:00	11.9	324.4	016	23.54	31.74	31.2	32.7	55.33	0.00
1/19/20 19:00	10.3	321.6	012	19.24	30.78	30.2	31.3	53.80	0.00
1/19/20 20:00	13.8	323.9	012	25.92	30.16	29.8	30.4	53.43	0.00
1/19/20 21:00	12.1	325.3	013	22.81	29.17	28.7	29.8	55.37	0.00
1/19/20 22:00	13.6	328.9	014	25.19	27.99	27.4	28.7	56.40	0.00
1/19/20 23:00	13.5	325.9	012	24.87	26.74	25.9	27.4	56.04	0.00
1/20/20 0:00	12.6	325.2	013	25.01	25.29	24.6	26.0	56.87	0.00
1/20/20 1:00	11.4	323.7	012	24.00	24.26	23.8	24.6	55.26	0.00
1/20/20 2:00	10.8	322.1	011	21.34	23.54	22.9	23.9	56.06	0.00
1/20/20 3:00	10.9	323.1	013	18.64	22.75	22.4	23.2	58.71	0.00
1/20/20 4:00	10.0	327.8	016	18.37	22.98	22.6	23.2	59.43	0.00

1/20/20 5:00	9.4	334.5	016	21.21	22.84	22.5	23.2	59.42	0.00
1/20/20 6:00	8.9	334.7	014	18.59	22.37	22.1	22.7	60.20	0.00
1/20/20 7:00	8.0	335.0	015	15.62	21.92	21.8	22.1	59.99	0.00
1/20/20 8:00	6.7	335.7	015	13.51	21.54	21.2	21.9	59.64	0.00
1/20/20 9:00	6.2	330.9	012	11.45	21.00	20.8	21.4	61.67	0.00
1/20/20 10:00	7.5	337.1	016	15.48	22.41	21.3	23.3	58.87	0.00
1/20/20 11:00	9.3	339.2	020	16.40	24.25	23.2	25.4	54.40	0.00
1/20/20 12:00	9.7	340.3	022	17.50	26.41	25.4	27.4	48.95	0.00
1/20/20 13:00	9.4	337.7	024	18.09	27.93	27.1	28.6	44.34	0.00
1/20/20 14:00	8.2	343.3	026	18.14	29.59	28.5	30.2	40.26	0.00
1/20/20 15:00	7.9	343.0	022	15.62	30.67	30.1	31.2	38.58	0.00
1/20/20 16:00	8.3	349.0	026	18.23	31.36	30.7	32.2	36.95	0.00
1/20/20 17:00	9.3	337.7	020	16.85	31.33	30.8	32.1	36.16	0.00
1/20/20 18:00	7.9	335.8	017	15.34	30.44	29.9	30.9	35.79	0.00
1/20/20 19:00	6.0	338.9	016	12.41	29.16	28.7	29.9	37.21	0.00
1/20/20 20:00	3.5	346.0	017	7.56	28.19	27.7	28.7	39.05	0.00
1/20/20 21:00	2.8	343.5	014	5.73	27.12	26.6	27.7	40.27	0.00
1/20/20 22:00	3.3	340.7	013	7.74	26.21	25.7	26.8	42.98	0.00
1/20/20 23:00	5.1	336.6	013	9.57	25.91	25.7	26.2	45.93	0.00
1/21/20 0:00	4.3	337.0	010	7.37	25.15	24.6	25.7	49.05	0.00
1/21/20 1:00	4.4	339.5	013	9.34	24.38	24.1	24.7	51.95	0.00
1/21/20 2:00	4.8	344.1	015	9.11	24.33	24.2	24.5	52.10	0.00
1/21/20 3:00	4.4	342.8	017	9.25	24.04	23.9	24.4	50.99	0.00
1/21/20 4:00	4.1	340.7	014	7.92	23.44	22.8	23.9	49.38	0.00
1/21/20 5:00	3.8	339.0	014	7.74	22.62	22.1	23.1	48.81	0.00
1/21/20 6:00	3.3	342.9	015	7.65	21.69	21.1	22.2	49.58	0.00
1/21/20 7:00	2.8	340.7	010	4.95	20.49	20.0	21.2	52.38	0.00
1/21/20 8:00	2.8	340.7	012	5.40	19.68	19.2	20.1	55.76	0.00
1/21/20 9:00	4.4	329.2	008	7.97	19.14	18.9	19.9	61.57	0.00
1/21/20 10:00	6.5	326.4	012	11.63	21.23	19.9	22.5	61.31	0.00
1/21/20 11:00	8.0	335.5	015	14.29	23.74	22.5	25.1	57.65	0.00
1/21/20 12:00	6.9	346.3	025	15.57	26.49	24.9	27.9	54.29	0.00
1/21/20 13:00	7.2	358.7	026	14.79	28.43	27.4	29.3	50.58	0.00
1/21/20 14:00	8.7	338.7	020	15.89	30.24	29.3	31.1	48.29	0.00
1/21/20 15:00	7.7	335.5	022	13.88	31.33	30.5	32.4	46.89	0.00
1/21/20 16:00	7.7	341.2	023	16.81	32.53	32.0	33.2	45.33	0.00
1/21/20 17:00	8.2	338.5	020	16.72	32.95	32.6	33.5	46.60	0.00
1/21/20 18:00	6.0	346.5	023	16.21	31.91	31.1	32.7	48.84	0.00
1/21/20 19:00	4.3	346.2	019	9.71	30.17	29.5	31.1	52.92	0.00
1/21/20 20:00	3.1	340.9	012	6.50	28.84	28.1	29.6	56.75	0.00
1/21/20 21:00	4.0	337.0	009	6.82	27.63	27.2	28.2	58.99	0.00
1/21/20 22:00	4.5	336.7	011	7.69	26.91	26.5	27.3	59.74	0.00

1/21/20 23:00	4.2	341.8	016	9.25	26.33	25.9	26.7	60.40	0.00
1/22/20 0:00	3.3	340.3	013	7.19	25.31	24.7	26.0	62.46	0.00
1/22/20 1:00	3.2	340.3	011	5.59	24.29	23.7	24.8	64.84	0.00
1/22/20 2:00	2.5	350.6	016	6.28	23.44	23.0	23.7	67.34	0.00
1/22/20 3:00	2.2	350.1	013	4.26	22.58	22.2	23.0	69.44	0.00
1/22/20 4:00	1.5	343.1	017	3.30	21.98	21.4	22.3	70.30	0.00
1/22/20 5:00	2.6	353.6	013	4.81	21.47	21.1	21.8	71.54	0.00
1/22/20 6:00	1.8	359.9	022	3.62	20.69	20.0	21.2	73.80	0.00
1/22/20 7:00	1.5	5.3	060	3.53	19.92	18.1	20.8	75.90	0.00
1/22/20 8:00	0.6	17.2	045	2.84	18.98	18.2	19.9	80.20	0.00
1/22/20 9:00	1.6	347.6	030	4.72	19.34	17.8	21.4	78.95	0.00
1/22/20 10:00	1.7	319.9	018	3.76	23.68	21.2	25.8	70.18	0.00
1/22/20 11:00	1.3	343.7	042	4.21	27.81	25.7	30.0	57.36	0.00
1/22/20 12:00	1.9	204.8	098	7.51	30.87	29.6	32.4	48.18	0.00
1/22/20 13:00	3.1	234.6	064	7.97	32.97	32.0	33.8	44.65	0.00
1/22/20 14:00	3.6	227.1	057	8.47	34.74	33.2	36.2	42.17	0.00
1/22/20 15:00	3.3	255.1	069	8.84	36.00	34.9	37.4	39.71	0.00
1/22/20 16:00	2.3	289.8	066	6.50	37.86	36.7	39.0	36.44	0.00
1/22/20 17:00	2.1	340.6	066	5.63	38.43	37.5	39.5	36.00	0.00
1/22/20 18:00	1.0	39.7	046	4.03	38.08	37.1	38.7	35.47	0.00
1/22/20 19:00	0.6	46.1	016	1.88	36.14	35.3	37.1	36.62	0.00
1/22/20 20:00	0.6	44.7	040	1.97	32.71	30.4	35.4	43.92	0.00
1/22/20 21:00	1.1	40.5	021	2.89	30.68	28.1	32.2	52.07	0.00
1/22/20 22:00	2.3	44.7	024	7.10	28.61	26.6	29.6	56.65	0.00
1/22/20 23:00	1.0	79.4	049	3.07	27.68	26.4	29.2	60.82	0.00
1/23/20 0:00	1.3	25.7	036	2.84	28.08	26.1	29.1	61.36	0.00
1/23/20 1:00	1.2	33.6	015	2.79	25.52	24.2	27.2	70.05	0.00
1/23/20 2:00	0.6	60.1	026	2.29	23.94	23.3	25.0	76.61	0.00
1/23/20 3:00	1.4	20.9	026	3.11	23.90	23.2	25.2	77.80	0.00
1/23/20 4:00	1.4	38.0	042	3.30	22.09	21.3	24.0	83.40	0.00
1/23/20 5:00	1.1	34.1	026	4.12	21.12	20.8	21.7	85.10	0.00
1/23/20 6:00	1.8	31.5	031	3.53	20.29	20.0	20.8	87.70	0.00
1/23/20 7:00	1.1	38.7	012	3.76	20.48	19.8	21.9	88.00	0.00
1/23/20 8:00	0.9	35.4	026	2.61	20.11	20.0	20.6	90.20	0.00
1/23/20 9:00	0.7	29.6	026	2.47	20.67	20.2	21.5	89.60	0.00
1/23/20 10:00	0.5	41.0	023	1.42	23.93	21.5	27.5	83.60	0.00
1/23/20 11:00	0.8	44.0	053	1.83	29.23	27.3	32.7	74.14	0.00
1/23/20 12:00	1.0	210.2	064	3.34	35.00	32.6	37.1	56.68	0.00
1/23/20 13:00	2.1	120.9	076	5.86	38.28	37.1	39.9	47.29	0.00
1/23/20 14:00	2.5	143.1	035	6.55	39.21	38.4	40.4	43.74	0.00
1/23/20 15:00	2.2	190.5	047	5.86	40.64	40.2	41.1	42.96	0.00
1/23/20 16:00	2.9	199.3	035	6.50	41.57	41.0	42.2	39.51	0.00



1/23/20 17:00	3.3	144.5	035	8.89	41.65	41.1	42.3	40.63	0.00
1/23/20 18:00	2.2	141.3	026	7.56	40.90	40.2	41.2	42.00	0.00
1/23/20 19:00	1.3	119.1	023	3.48	39.43	38.6	40.2	45.14	0.00
1/23/20 20:00	2.3	109.6	015	5.63	38.23	37.5	38.7	47.45	0.00
1/23/20 21:00	2.6	123.3	015	5.08	37.31	36.4	37.9	51.02	0.00
1/23/20 22:00	2.1	105.9	021	3.89	35.93	35.5	36.5	57.20	0.00
1/23/20 23:00	1.5	84.0	016	2.89	35.10	34.7	35.6	58.82	0.00
1/24/20 0:00	1.6	51.1	022	3.62	34.31	33.6	35.1	60.00	0.00
1/24/20 1:00	1.3	16.8	037	4.67	33.49	32.6	34.1	63.38	0.00
1/24/20 2:00	2.0	17.1	022	4.49	33.59	32.9	34.2	64.03	0.00
1/24/20 3:00	1.4	37.3	028	3.76	33.25	32.8	33.6	68.28	0.00
1/24/20 4:00	1.3	40.6	024	2.75	33.57	33.2	33.9	66.99	0.00
1/24/20 5:00	2.0	36.1	024	3.94	32.51	31.9	33.3	70.12	0.00
1/24/20 6:00	2.1	15.4	025	4.03	30.95	29.7	32.3	76.59	0.00
1/24/20 7:00	2.4	29.1	019	6.64	31.37	30.1	32.3	75.88	0.00
1/24/20 8:00	1.5	47.5	037	3.48	32.45	32.1	33.2	72.41	0.00
1/24/20 9:00	1.3	46.1	023	2.93	33.10	32.7	33.5	71.52	0.00
1/24/20 10:00	2.1	59.6	017	4.72	33.91	32.9	35.2	74.60	0.00
1/24/20 11:00	4.0	104.5	020	9.57	38.82	35.2	42.4	75.31	0.00
1/24/20 12:00	6.0	123.6	025	14.38	45.14	42.4	46.8	75.10	0.00
1/24/20 13:00	4.6	136.0	034	11.68	47.86	46.6	50.0	70.44	0.00
1/24/20 14:00	5.8	119.6	023	13.97	49.11	48.3	50.0	64.37	0.00
1/24/20 15:00	5.9	118.2	024	11.77	49.23	48.8	50.1	65.61	0.00
1/24/20 16:00	6.3	125.0	025	13.92	48.34	46.8	49.2	73.42	0.00
1/24/20 17:00	5.8	114.3	021	12.00	46.85	46.7	47.2	79.22	0.00
1/24/20 18:00	5.1	110.3	022	11.31	47.66	47.1	48.1	76.32	0.00
1/24/20 19:00	6.1	112.6	019	15.16	48.43	48.0	48.8	73.94	0.00
1/24/20 20:00	6.4	112.1	023	14.98	48.57	48.2	48.8	74.30	0.00
1/24/20 21:00	7.7	119.1	023	16.08	47.54	46.8	48.2	80.30	0.00
1/24/20 22:00	8.3	116.1	023	21.34	46.35	46.1	46.8	84.60	0.00
1/24/20 23:00	8.0	117.7	021	17.36	45.78	45.7	46.1	85.00	0.00
1/25/20 0:00	6.9	113.5	021	15.71	45.50	45.3	45.8	86.00	0.00
1/25/20 1:00	7.6	113.2	022	17.45	45.21	44.8	45.4	88.20	0.01
1/25/20 2:00	8.5	116.3	022	19.37	44.96	44.8	45.4	93.20	0.03
1/25/20 3:00	8.8	124.2	024	21.94	45.60	45.4	45.8	96.00	0.22
1/25/20 4:00	7.0	117.8	025	17.40	45.32	45.3	45.5	97.70	0.32
1/25/20 5:00	6.2	112.0	026	13.47	45.35	45.2	45.6	98.40	0.23
1/25/20 6:00	7.9	347.3	080	18.14	45.76	45.6	46.1	98.30	0.50
1/25/20 7:00	6.4	352.6	025	14.47	45.00	44.6	45.7	97.60	0.23
1/25/20 8:00	5.8	46.5	020	14.15	44.46	44.2	44.7	97.40	0.05
1/25/20 9:00	5.7	56.1	020	12.87	44.22	44.1	44.5	97.30	0.02
1/25/20 10:00	3.5	347.1	075	11.36	44.69	44.4	44.9	95.90	0.00

1/25/20 11:00	4.7	293.3	023	9.62	45.06	44.8	45.5	96.70	0.00
1/25/20 12:00	5.6	321.9	018	10.49	44.21	43.8	45.2	95.40	0.00
1/25/20 13:00	5.7	316.9	014	10.90	44.41	43.8	45.2	94.90	0.00
1/25/20 14:00	5.2	299.5	017	11.82	46.11	44.9	46.9	92.50	0.00
1/25/20 15:00	9.4	302.5	016	18.55	46.64	46.2	47.2	86.40	0.00
1/25/20 16:00	8.5	309.3	014	15.62	46.88	46.4	47.6	81.70	0.00
1/25/20 17:00	10.4	323.6	014	21.57	47.59	47.0	48.6	72.32	0.00
1/25/20 18:00	8.0	329.4	014	17.40	46.57	46.1	47.0	70.57	0.00
1/25/20 19:00	4.8	326.8	012	8.89	45.39	44.2	46.1	73.99	0.00
1/25/20 20:00	2.2	355.6	015	4.81	44.17	43.6	44.5	75.81	0.00
1/25/20 21:00	1.5	321.5	012	3.48	41.65	40.9	43.5	82.20	0.00
1/25/20 22:00	2.6	317.2	008	6.69	40.89	40.1	42.2	81.50	0.00
1/25/20 23:00	3.3	301.1	018	6.05	40.05	39.3	40.8	71.42	0.00
1/26/20 0:00	3.5	303.6	015	7.65	38.80	38.3	39.8	69.95	0.00
1/26/20 1:00	4.0	315.9	009	7.60	38.48	38.2	38.9	68.57	0.00
1/26/20 2:00	3.4	324.1	008	5.08	38.14	37.5	38.6	68.44	0.00
1/26/20 3:00	3.8	318.5	007	8.75	37.61	37.0	37.9	69.24	0.00
1/26/20 4:00	5.7	308.2	011	12.78	38.34	37.1	39.2	67.35	0.00
1/26/20 5:00	3.4	307.3	011	7.60	39.23	38.9	39.6	66.46	0.00
1/26/20 6:00	1.7	247.2	023	3.76	38.48	37.2	39.2	68.77	0.00
1/26/20 7:00	1.8	264.9	022	3.21	36.41	35.6	37.3	73.07	0.00
1/26/20 8:00	2.1	250.6	025	4.35	36.36	35.7	36.8	71.99	0.00
1/26/20 9:00	2.2	283.7	040	4.44	35.75	35.0	36.3	73.55	0.00
1/26/20 10:00	2.9	250.8	026	6.41	38.26	36.1	40.2	69.21	0.00
1/26/20 11:00	5.6	277.5	021	13.83	41.70	40.2	43.1	63.15	0.00
1/26/20 12:00	7.5	288.8	021	14.84	43.13	42.6	43.9	58.43	0.00
1/26/20 13:00	9.2	299.7	018	17.50	43.89	43.3	44.8	54.25	0.00
1/26/20 14:00	9.5	307.2	017	18.09	44.02	43.6	44.7	53.19	0.00
1/26/20 15:00	8.5	308.3	019	16.99	43.45	42.9	44.3	54.22	0.00
1/26/20 16:00	8.1	306.0	015	15.30	43.11	42.9	43.4	54.08	0.00
1/26/20 17:00	8.2	310.6	014	16.49	43.03	42.9	43.4	52.91	0.00
1/26/20 18:00	8.2	310.9	013	13.74	42.64	42.3	42.9	53.88	0.00
1/26/20 19:00	6.3	312.5	012	12.69	41.80	41.3	42.4	56.51	0.00
1/26/20 20:00	6.9	306.5	014	16.30	41.12	40.7	41.5	57.81	0.00
1/26/20 21:00	9.5	307.8	014	18.37	40.50	40.1	40.9	54.98	0.00
1/26/20 22:00	8.2	301.5	013	15.07	39.86	39.6	40.2	56.40	0.00
1/26/20 23:00	5.6	306.4	019	16.35	39.36	38.8	39.7	58.49	0.00
1/27/20 0:00	4.8	283.3	017	9.39	37.88	37.2	39.1	62.20	0.00
1/27/20 1:00	4.1	288.6	014	9.98	36.94	36.5	37.6	64.59	0.00
1/27/20 2:00	1.5	210.2	030	4.67	36.97	36.4	37.7	64.88	0.00
1/27/20 3:00	2.2	240.8	020	6.41	37.19	37.0	37.4	65.27	0.00
1/27/20 4:00	2.9	252.4	025	5.54	36.98	36.1	37.5	65.21	0.00

1/27/20 5:00	2.4	237.0	019	4.76	36.31	36.0	36.6	66.31	0.00
1/27/20 6:00	2.5	242.4	022	5.54	35.32	34.9	36.0	69.80	0.00
1/27/20 7:00	3.4	244.9	022	6.60	35.01	34.6	35.4	72.67	0.00
1/27/20 8:00	3.6	253.5	024	8.79	35.52	34.7	36.3	72.47	0.00
1/27/20 9:00	4.4	238.8	030	8.11	37.22	36.2	38.1	68.90	0.00
1/27/20 10:00	5.0	252.6	032	10.21	39.48	38.1	40.9	63.68	0.00
1/27/20 11:00	4.5	254.4	026	11.91	41.79	40.8	43.3	58.77	0.00
1/27/20 12:00	7.7	287.9	024	19.01	44.24	43.2	46.5	53.44	0.00
1/27/20 13:00	11.3	302.2	018	23.27	45.00	44.1	46.6	50.23	0.00
1/27/20 14:00	11.8	306.2	016	21.94	44.99	44.7	45.7	50.01	0.00
1/27/20 15:00	10.7	309.0	013	19.92	45.50	44.9	46.2	49.07	0.00
1/27/20 16:00	10.0	304.2	016	18.27	45.11	44.9	45.4	49.91	0.00
1/27/20 17:00	9.7	313.9	016	22.49	44.44	43.8	45.4	51.98	0.00
1/27/20 18:00	9.2	316.8	012	20.84	43.45	43.0	43.8	54.17	0.00
1/27/20 19:00	9.2	317.7	012	15.25	42.61	42.2	43.0	56.48	0.00
1/27/20 20:00	9.5	324.6	012	16.26	41.72	40.9	42.3	58.69	0.00
1/27/20 21:00	7.9	330.8	012	13.92	40.62	39.8	41.0	61.55	0.00
1/27/20 22:00	9.3	321.5	010	18.00	39.78	39.5	40.0	62.64	0.00
1/27/20 23:00	9.3	316.9	013	16.53	39.68	39.5	39.9	63.00	0.00
1/28/20 0:00	7.9	317.9	011	14.24	39.40	39.1	39.6	63.96	0.00
1/28/20 1:00	6.7	319.5	011	12.92	38.90	38.7	39.2	65.79	0.00
1/28/20 2:00	6.8	322.6	011	11.04	38.61	38.4	38.8	66.42	0.00
1/28/20 3:00	8.3	322.2	011	15.85	38.40	38.3	38.6	65.88	0.00
1/28/20 4:00	8.0	325.0	011	15.07	38.14	37.9	38.4	65.90	0.00
1/28/20 5:00	7.1	325.7	012	16.03	37.87	37.7	38.1	66.64	0.00
1/28/20 6:00	8.1	327.4	013	16.21	37.76	37.7	37.9	67.41	0.00
1/28/20 7:00	8.2	327.1	012	15.21	37.64	37.6	37.8	68.64	0.00
1/28/20 8:00	8.4	330.8	013	16.40	37.43	36.8	37.7	69.29	0.00
1/28/20 9:00	6.0	325.3	011	13.42	36.61	36.0	37.4	70.96	0.00
1/28/20 10:00	6.6	314.1	011	13.92	38.17	37.4	39.7	67.77	0.00
1/28/20 11:00	8.9	320.2	014	22.35	39.92	39.1	41.1	63.33	0.00
1/28/20 12:00	10.7	325.8	015	18.18	41.01	40.5	42.1	59.63	0.00
1/28/20 13:00	11.3	329.2	015	20.06	41.70	41.3	42.5	56.41	0.00
1/28/20 14:00	11.5	326.7	015	21.66	41.65	41.4	42.0	55.61	0.00
1/28/20 15:00	11.0	324.9	014	20.20	42.18	41.7	42.5	54.31	0.00
1/28/20 16:00	11.3	324.0	013	23.86	42.30	42.1	42.6	52.55	0.00
1/28/20 17:00	10.2	329.9	014	19.28	42.77	42.5	43.0	50.42	0.00
1/28/20 18:00	10.7	327.0	011	20.15	42.34	42.0	42.9	51.38	0.00
1/28/20 19:00	9.3	324.6	012	16.08	41.78	41.5	42.1	52.71	0.00
1/28/20 20:00	7.7	321.4	013	17.82	41.33	41.1	41.6	54.61	0.00
1/28/20 21:00	8.7	324.8	010	16.17	40.87	40.6	41.2	57.84	0.00
1/28/20 22:00	7.5	322.5	010	13.01	40.38	40.1	40.6	60.65	0.00

1/28/20 23:00	8.1	320.7	011	14.89	40.02	39.8	40.2	62.22	0.00
1/29/20 0:00	7.8	319.1	012	14.52	39.54	39.3	39.8	64.13	0.00
1/29/20 1:00	6.3	315.1	011	11.04	39.11	38.8	39.4	65.13	0.00
1/29/20 2:00	5.3	313.3	012	11.36	38.83	38.5	39.1	64.87	0.00
1/29/20 3:00	4.2	302.4	012	7.56	38.15	38.0	38.6	68.80	0.00
1/29/20 4:00	5.6	309.0	011	11.08	37.85	37.7	38.0	68.65	0.00
1/29/20 5:00	6.4	310.6	011	12.32	37.63	37.4	37.8	64.89	0.00
1/29/20 6:00	5.9	310.8	012	11.54	37.37	37.2	37.5	62.67	0.00
1/29/20 7:00	6.7	318.1	011	12.27	37.13	37.0	37.3	62.65	0.00
1/29/20 8:00	6.4	332.1	015	13.88	36.77	36.6	37.0	62.91	0.00
1/29/20 9:00	4.4	345.1	021	10.76	36.48	36.4	36.7	61.81	0.00
1/29/20 10:00	5.3	340.4	019	12.27	36.45	36.3	36.6	57.89	0.00
1/29/20 11:00	6.1	346.5	023	13.69	37.03	36.5	37.8	56.67	0.00
1/29/20 12:00	7.9	343.9	026	16.21	37.86	37.6	38.3	54.37	0.00
1/29/20 13:00	6.4	356.0	031	15.57	38.27	37.6	39.4	53.69	0.00
1/29/20 14:00	6.3	346.8	027	14.01	39.90	38.7	41.2	51.32	0.00
1/29/20 15:00	6.6	331.8	027	14.01	40.98	39.7	41.8	48.22	0.00
1/29/20 16:00	5.9	337.8	030	13.05	41.75	41.2	42.4	46.01	0.00
1/29/20 17:00	4.8	353.8	030	15.57	42.21	41.7	42.9	44.32	0.00
1/29/20 18:00	3.8	3.0	026	8.98	41.95	41.2	42.9	43.29	0.00
1/29/20 19:00	1.8	14.3	018	5.31	39.89	38.5	41.2	43.87	0.00
1/29/20 20:00	1.1	26.0	015	2.61	37.14	35.3	38.5	48.22	0.00
1/29/20 21:00	1.9	11.5	014	3.66	34.46	33.3	36.2	55.12	0.00
1/29/20 22:00	1.5	17.1	021	3.80	32.53	31.4	33.8	59.98	0.00
1/29/20 23:00	0.9	342.8	037	3.94	32.51	31.7	33.9	57.89	0.00
1/30/20 0:00	0.7	17.8	019	2.93	31.61	30.0	32.7	57.43	0.00
1/30/20 1:00	2.0	10.8	023	3.57	30.45	27.7	32.1	60.77	0.00
1/30/20 2:00	1.6	14.6	021	3.07	28.99	27.6	29.7	66.15	0.00
1/30/20 3:00	2.0	16.8	011	2.98	27.48	25.0	29.8	73.74	0.00
1/30/20 4:00	1.4	20.1	016	4.49	26.93	24.9	28.4	73.22	0.00
1/30/20 5:00	1.6	9.1	014	3.39	26.74	25.3	27.7	71.64	0.00
1/30/20 6:00	1.6	19.0	018	4.58	25.83	24.5	26.7	76.12	0.00
1/30/20 7:00	1.0	21.3	020	4.63	26.03	25.4	26.4	72.14	0.00
1/30/20 8:00	1.2	13.9	014	3.39	25.17	23.6	26.1	75.34	0.00
1/30/20 9:00	1.5	4.4	019	3.53	24.72	23.5	26.0	78.94	0.00
1/30/20 10:00	2.1	26.4	023	5.54	27.10	26.0	27.9	67.93	0.00
1/30/20 11:00	3.6	62.3	025	7.56	28.93	27.9	30.1	62.27	0.00
1/30/20 12:00	2.9	89.1	054	8.24	32.43	30.1	34.4	56.12	0.00
1/30/20 13:00	2.2	46.6	068	10.03	35.00	33.6	36.4	51.48	0.00
1/30/20 14:00	2.5	54.6	052	7.05	36.68	35.8	37.5	49.90	0.00
1/30/20 15:00	2.5	20.7	054	7.65	38.10	37.3	39.1	47.06	0.00
1/30/20 16:00	1.8	69.5	084	7.24	38.76	38.3	40.1	44.32	0.00

1/30/20 17:00	2.3	133.0	064	6.32	39.27	38.7	40.4	43.48	0.00
1/30/20 18:00	3.2	128.6	031	8.24	39.00	38.3	40.0	43.86	0.00
1/30/20 19:00	2.5	110.9	021	4.86	36.89	35.8	38.3	48.93	0.00
1/30/20 20:00	3.0	102.3	014	5.77	34.99	34.3	35.8	57.01	0.00
1/30/20 21:00	2.5	121.7	016	4.72	33.88	33.7	34.3	58.53	0.00
1/30/20 22:00	2.0	105.7	019	4.12	33.74	33.7	33.8	59.47	0.00
1/30/20 23:00	1.8	111.2	025	3.76	33.35	33.2	33.7	61.77	0.00
1/31/20 0:00	1.5	88.2	025	3.48	32.95	32.7	33.3	62.23	0.00
1/31/20 1:00	1.8	32.3	012	3.11	32.10	31.5	32.8	66.81	0.00
1/31/20 2:00	1.2	37.8	022	2.57	31.16	30.7	31.6	74.67	0.00
1/31/20 3:00	1.0	53.7	013	1.92	31.29	30.9	31.6	73.84	0.00
1/31/20 4:00	0.6	56.9	041	2.66	31.73	31.4	32.1	75.79	0.00
1/31/20 5:00	1.4	38.1	032	3.48	31.81	31.3	32.2	74.78	0.00
1/31/20 6:00	0.7	59.2	029	2.34	31.62	31.2	32.1	77.46	0.00
1/31/20 7:00	0.9	74.3	034	2.43	32.08	31.5	32.4	76.87	0.00
1/31/20 8:00	1.0	53.6	033	2.20	32.28	31.7	32.6	75.88	0.00
1/31/20 9:00	1.3	93.4	022	2.52	31.74	31.2	33.8	77.91	0.00
1/31/20 10:00	1.0	123.4	048	3.07	34.76	33.8	35.8	71.37	0.00
1/31/20 11:00	2.3	139.2	037	6.37	36.33	35.0	38.0	68.49	0.00
1/31/20 12:00	2.6	174.2	043	8.02	38.38	37.3	39.1	63.96	0.00
1/31/20 13:00	3.4	175.6	034	9.21	39.72	38.8	40.6	59.59	0.00
1/31/20 14:00	3.5	183.9	036	9.34	41.37	40.2	42.4	53.44	0.00
1/31/20 15:00	2.4	180.4	047	6.60	42.95	42.0	43.8	49.98	0.00
1/31/20 16:00	2.0	144.4	056	7.79	43.01	42.5	43.5	50.26	0.00
1/31/20 17:00	2.5	208.4	034	5.68	43.05	42.9	43.3	51.50	0.00
1/31/20 18:00	4.0	243.7	030	9.71	41.90	40.1	42.9	56.82	0.00
1/31/20 19:00	1.4	266.0	060	5.63	39.83	39.5	40.1	68.66	0.00
1/31/20 20:00	1.3	105.5	041	2.52	39.53	39.0	40.0	69.18	0.00
1/31/20 21:00	1.1	120.1	013	2.61	38.87	38.4	39.2	70.28	0.00
1/31/20 22:00	0.4	16.4	053	2.20	37.89	37.6	38.5	73.74	0.00
1/31/20 23:00	0.9	82.2	022	2.06	36.95	35.7	38.1	77.52	0.00