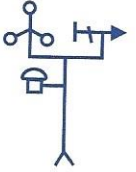




TECHNICAL ENVIRONMENTAL SERVICES, LLC



December 7, 2019

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

Dear Jamie:

Enclosed is the monthly meteorological report for the Gude Drive Landfill sites meteorological instrumentation for November 2019. All the instrumentation functioned normally during November. Data recovery for all the parameters was near 100%. November had a precipitation total of 1.44 inches.

Attached is a wind rose for the month of November 2019 and a table showing the data collection percentage for each parameter in 2019.

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

Best regards,

Mark Abrams

GUDE DRIVE METEOROLOGICAL TOWER
DATA RECOVERY
JANUARY-NOVEMBER 2019

PARAMETER	RECOVERY (percent)
Wind Speed 3m	73.5
Wind Direction 3m	73.3
Temperature 2m	62.7
Relative Humidity 2m	62.7
Precipitation	79.8

Run Date: 12/7/2019 9:14:58 AM

WIND ROSE

(WINDS FROM)

N



0.00% PERCENT CALMS

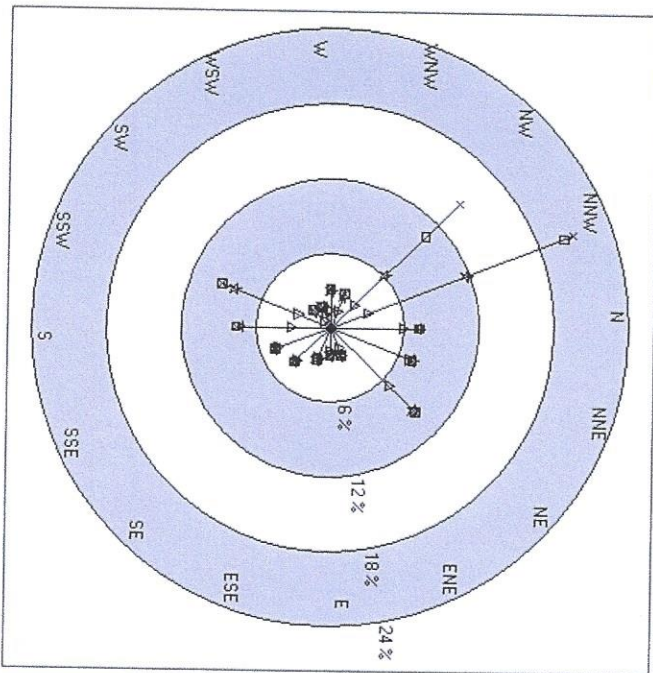
(NOT INCLUDED IN PLOT)

Start Date: 11/1/2019 00:00

End Date: 11/30/2019 23:00

Sensors Selected

- 3M_LWS
- 3M_WD



Legend

- △ WIND SPEED LESS THAN 3.5 MPH
- * WIND SPEED LESS THAN 7.5 MPH
- WIND SPEED LESS THAN 12.5 MPH
- x WIND SPEED GREATER THAN 12.5 MPH

Date Time	3M_WS	Code	3M_WD	Code	StDev	2M_TE	Code	2M_RH	Code	PRECIP	Code
11/1/2019 1:00	15.2	0	311	0	1.4	49.3	0	59	0	0	0
11/1/2019 2:00	16	0	312	0	1.3	47	0	53	0	0	0
11/1/2019 3:00	17.5	0	310	0	1.4	44.1	0	55	0	0	0
11/1/2019 4:00	15.5	0	311	0	1.3	42.8	0	57	0	0	0
11/1/2019 5:00	10.4	0	305	0	1.4	42.2	0	59	0	0	0
11/1/2019 6:00	6.5	0	296	0	1.8	41.8	0	59	0	0	0
11/1/2019 7:00	6.5	0	298	0	1.7	41.4	0	61	0	0	0
11/1/2019 8:00	7.7	0	310	0	1.4	41.6	0	60	0	0	0
11/1/2019 9:00	8.1	0	312	0	1.5	42.7	0	58	0	0	0
11/1/2019 10:00	11	0	318	0	1.7	44.4	0	54	0	0	0
11/1/2019 11:00	11.9	0	321	0	1.8	45.6	0	52	0	0	0
11/1/2019 12:00	11.7	0	317	0	2	46.5	0	51	0	0	0
11/1/2019 13:00	11.4	0	322	0	1.8	47	0	49	0	0	0
11/1/2019 14:00	10.8	0	320	0	1.8	48.4	0	47	0	0	0
11/1/2019 15:00	9	0	325	0	2.2	49.3	0	44	0	0	0
11/1/2019 16:00	9.2	0	330	0	1.8	49.5	0	43	0	0	0
11/1/2019 17:00	7.2	0	330	0	2	49.3	0	44	0	0	0
11/1/2019 18:00	6.9	0	337	0	1.8	48	0	45	0	0	0
11/1/2019 19:00	4.9	0	338	0	1.4	45.6	0	47	0	0	0
11/1/2019 20:00	2.9	0	345	0	1.6	43.9	0	51	0	0	0
11/1/2019 21:00	1.6	0	12	0	3.4	42	0	58	0	0	0
11/1/2019 22:00	1	0	27	0	1.6	39.8	0	69	0	0	0
11/1/2019 23:00	1.3	0	8	0	2.8	38.3	0	71	0	0	0
11/2/2019 0:00	1.5	0	18	0	2.9	37.3	0	74	0	0	0
11/2/2019 1:00	1.4	0	31	0	3.1	35.8	0	80	0	0	0
11/2/2019 2:00	1.3	0	25	0	2.5	34.2	0	88	0	0	0
11/2/2019 3:00	0.8	0	15	0	1.3	33.2	0	90	0	0	0
11/2/2019 4:00	0.7	0	61	0	2.6	32.2	0	93	0	0	0
11/2/2019 5:00	0.4	0	357	0	3.2	31.7	0	91	0	0	0
11/2/2019 6:00	1	0	344	0	2	32	0	88	0	0	0
11/2/2019 7:00	1.4	0	23	0	2.6	31.1	0	90	0	0	0

11/2/2019 8:00	1.3	0	24	0	3.2	31	0	90	0	0	0
11/2/2019 9:00	0.5	0	4	0	2.9	34	0	85	0	0	0
11/2/2019 10:00	1.7	0	14	0	2.6	38.8	0	67	0	0	0
11/2/2019 11:00	1.6	0	116	0	9.1	43.1	0	56	0	0	0
11/2/2019 12:00	2.6	0	194	0	6.7	45.7	0	51	0	0	0
11/2/2019 13:00	2.7	0	200	0	7.4	47.7	0	48	0	0	0
11/2/2019 14:00	3.8	0	215	0	5.4	49.8	0	45	0	0	0
11/2/2019 15:00	4.3	0	269	0	3.6	51.3	0	44	0	0	0
11/2/2019 16:00	4.5	0	249	0	4.5	52.3	0	42	0	0	0
11/2/2019 17:00	4.2	0	270	0	3	52.3	0	42	0	0	0
11/2/2019 18:00	2.9	0	271	0	3.7	50.6	0	44	0	0	0
11/2/2019 19:00	1.6	0	336	0	3.8	47.4	0	51	0	0	0
11/2/2019 20:00	0.9	0	39	0	1	43.8	0	64	0	0	0
11/2/2019 21:00	0.7	0	39	0	0.6	40.8	0	75	0	0	0
11/2/2019 22:00	1	0	36	0	1.2	39.7	0	79	0	0	0
11/2/2019 23:00	0.6	0	12	0	1.7	39	0	83	0	0	0
11/3/2019 0:00	2.2	0	320	0	2.8	40.6	0	73	0	0	0
11/3/2019 1:00	1.5	0	288	0	1.8	41.5	0	66	0	0	0
11/3/2019 2:00	1.6	0	319	0	1.3	39.8	0	70	0	0	0
11/3/2019 3:00	0.9	0	344	0	4.3	38	0	72	0	0	0
11/3/2019 4:00	1.5	0	354	0	2.4	37.5	0	73	0	0	0
11/3/2019 5:00	1.1	0	346	0	6.3	37.3	0	72	0	0	0
11/3/2019 6:00	0.6	0	338	0	4	35.2	0	80	0	0	0
11/3/2019 7:00	1.7	0	326	0	1	36.4	0	76	0	0	0
11/3/2019 8:00	1.6	0	304	0	2.9	37.1	0	73	0	0	0
11/3/2019 9:00	0.5	0	108	0	2.1	39.2	0	71	0	0	0
11/3/2019 10:00	4.3	0	272	0	2.8	44.3	0	57	0	0	0
11/3/2019 11:00	9.5	0	313	0	1.6	46.7	0	48	0	0	0
11/3/2019 12:00	10.6	0	310	0	2	48.3	0	44	0	0	0
11/3/2019 13:00	11.6	0	305	0	1.6	49.6	0	40	0	0	0
11/3/2019 14:00	8.6	0	302	0	2.3	50.6	0	38	0	0	0
11/3/2019 15:00	9.1	0	306	0	2.4	51.4	0	36	0	0	0

11/3/2019 16:00	8.7	0	313	0	1.7	51.9	0	34	0	0	0
11/3/2019 17:00	7.5	0	320	0	1.9	52	0	33	0	0	0
11/3/2019 18:00	5.3	0	319	0	1.5	50.6	0	34	0	0	0
11/3/2019 19:00	2.2	0	6	0	1.9	48.5	0	37	0	0	0
11/3/2019 20:00	1.2	0	57	0	3.3	43.9	0	50	0	0	0
11/3/2019 21:00	0.4	0	77	0	2.3	41.5	0	55	0	0	0
11/3/2019 22:00	1.7	0	40	0	1.9	38.2	0	74	0	0	0
11/3/2019 23:00	1.5	0	44	0	2.1	35.5	0	87	0	0	0
11/4/2019 0:00	0.7	0	46	0	2.9	33.7	0	92	0	0	0
11/4/2019 1:00	0.6	0	43	0	2.6	32.4	0	94	0	0	0
11/4/2019 2:00	0.7	0	37	0	1.7	31.7	0	95	0	0	0
11/4/2019 3:00	0.5	0	53	0	3.3	31.1	0	96	0	0	0
11/4/2019 4:00	0.4	0	34	0	2.3	31.3	0	96	0	0	0
11/4/2019 5:00	0.3	0	27	0	2	31.1	0	96	0	0	0
11/4/2019 6:00	0.8	0	53	0	2	31.8	0	96	0	0	0
11/4/2019 7:00	0.3	0	46	0	0.6	31.3	0	96	0	0	0
11/4/2019 8:00	0.8	0	45	0	0.6	32.8	0	90	0	0	0
11/4/2019 9:00	0.6	0	46	0	1.6	36.2	0	86	0	0	0
11/4/2019 10:00	1.7	0	167	0	2	44.4	0	69	0	0	0
11/4/2019 11:00	4.6	0	180	0	3.1	50.2	0	54	0	0	0
11/4/2019 12:00	7.8	0	199	0	2.5	53.2	0	49	0	0	0
11/4/2019 13:00	7.6	0	190	0	2.9	55.2	0	43	0	0	0
11/4/2019 14:00	8.3	0	191	0	2.9	56.7	0	37	0	0	0
11/4/2019 15:00	8.6	0	189	0	2.9	57.8	0	35	0	0	0
11/4/2019 16:00	7.2	0	190	0	2.8	58.6	0	37	0	0	0
11/4/2019 17:00	6.8	0	182	0	2.6	57.9	0	40	0	0	0
11/4/2019 18:00	5.7	0	188	0	2.4	56.9	0	43	0	0	0
11/4/2019 19:00	3.8	0	175	0	2.1	54.9	0	47	0	0	0
11/4/2019 20:00	2.7	0	154	0	2	53.2	0	54	0	0	0
11/4/2019 21:00	2.5	0	151	0	1.7	51	0	60	0	0	0
11/4/2019 22:00	2.5	0	152	0	1.7	50.1	0	64	0	0	0
11/4/2019 23:00	2.1	0	155	0	1.6	49.3	0	70	0	0	0

11/5/2019 0:00	2	0	153	0	1.5	48.6	0	75	0	0	0
11/5/2019 1:00	1.4	0	123	0	2.6	46.7	0	82	0	0	0
11/5/2019 2:00	0.6	0	133	0	1.3	45.5	0	87	0	0	0
11/5/2019 3:00	0.2	0	122	0	0.4	42.5	0	94	0	0	0
11/5/2019 4:00	0.2	0	106	0	2.3	41.8	0	95	0	0	0
11/5/2019 5:00	0.5	0	55	0	1.7	40.7	0	95	0	0	0
11/5/2019 6:00	0.1	0	92	0	1	39.3	0	98	0	0	0
11/5/2019 7:00	0.8	0	42	0	3	39.5	0	96	0	0	0
11/5/2019 8:00	1	0	54	0	1.7	38.3	0	95	0	0	0
11/5/2019 9:00	0.2	0	40	0	1.1	40.9	0	92	0	0	0
11/5/2019 10:00	1.5	0	242	0	4.1	48.8	0	73	0	0	0
11/5/2019 11:00	3	0	282	0	3.5	53.5	0	55	0	0	0
11/5/2019 12:00	2.9	0	227	0	3.8	56.9	0	47	0	0	0
11/5/2019 13:00	3.9	0	268	0	3.2	58.9	0	43	0	0	0
11/5/2019 14:00	6	0	298	0	2	60.6	0	39	0	0	0
11/5/2019 15:00	5.7	0	313	0	2.1	61	0	40	0	0	0
11/5/2019 16:00	4.7	0	319	0	2.4	62.4	0	37	0	0	0
11/5/2019 17:00	1.5	0	236	0	8.7	63.3	0	35	0	0	0
11/5/2019 18:00	0.7	0	324	0	5.9	62.1	0	36	0	0	0
11/5/2019 19:00	1.9	0	45	0	1.7	58	0	42	0	0	0
11/5/2019 20:00	1.6	0	31	0	4.8	53.1	0	54	0	0	0
11/5/2019 21:00	2.3	0	25	0	1.5	52.9	0	52	0	0	0
11/5/2019 22:00	3.1	0	356	0	1.4	51.2	0	58	0	0	0
11/5/2019 23:00	3.7	0	350	0	1.4	51	0	61	0	0	0
11/6/2019 0:00	4.9	0	342	0	1.4	50.5	0	64	0	0	0
11/6/2019 1:00	7.1	0	336	0	1.6	50.2	0	65	0	0	0
11/6/2019 2:00	6	0	337	0	1.8	49	0	66	0	0	0
11/6/2019 3:00	4.6	0	342	0	1.7	47.6	0	67	0	0	0
11/6/2019 4:00	5.9	0	340	0	1.4	46.6	0	65	0	0	0
11/6/2019 5:00	7.4	0	338	0	1.4	46	0	61	0	0	0
11/6/2019 6:00	3.3	0	349	0	1.8	45.2	0	59	0	0	0
11/6/2019 7:00	2.1	0	100	0	6.1	42.7	0	65	0	0	0

11/6/2019 8:00	4.3	0	333	0	1	42	0	66	0	0	0
11/6/2019 9:00	2.3	0	326	0	2.3	43.6	0	65	0	0	0
11/6/2019 10:00	4.6	0	327	0	1.7	47.2	0	57	0	0	0
11/6/2019 11:00	8	0	336	0	2	49.1	0	50	0	0	0
11/6/2019 12:00	8.1	0	336	0	2.2	50.4	0	47	0	0	0
11/6/2019 13:00	7.6	0	340	0	3	52.2	0	40	0	0	0
11/6/2019 14:00	7.3	0	316	0	2.7	53.6	0	35	0	0	0
11/6/2019 15:00	5	0	310	0	3.2	55	0	34	0	0	0
11/6/2019 16:00	4.1	0	274	0	4.7	56.1	0	34	0	0	0
11/6/2019 17:00	3.2	0	254	0	4.2	56.6	0	34	0	0	0
11/6/2019 18:00	1.6	0	192	0	4	55.7	0	35	0	0	0
11/6/2019 19:00	1.4	0	146	0	0.5	52.4	0	41	0	0	0
11/6/2019 20:00	1.2	0	154	0	1	49	0	48	0	0	0
11/6/2019 21:00	1	0	142	0	1.4	48	0	53	0	0	0
11/6/2019 22:00	0.5	0	90	0	1.5	44.2	0	66	0	0	0
11/6/2019 23:00	0.9	0	138	0	4.3	44.2	0	66	0	0	0
11/7/2019 0:00	1.9	0	158	0	1.5	45.2	0	64	0	0	0
11/7/2019 1:00	1.7	0	175	0	1.7	45.7	0	66	0	0	0
11/7/2019 2:00	2.2	0	198	0	1.6	45.9	0	70	0	0	0
11/7/2019 3:00	3.5	0	193	0	2	46.2	0	74	0	0	0
11/7/2019 4:00	3.8	0	200	0	2.1	46.4	0	74	0	0	0
11/7/2019 5:00	3.6	0	197	0	2.2	46.3	0	75	0	0	0
11/7/2019 6:00	3.9	0	191	0	3	46.6	0	70	0	0	0
11/7/2019 7:00	3.5	0	194	0	2.1	47.2	0	66	0	0	0
11/7/2019 8:00	3.6	0	191	0	2.3	47.2	0	65	0	0	0
11/7/2019 9:00	3.2	0	184	0	2.6	47.9	0	64	0	0	0
11/7/2019 10:00	4.1	0	195	0	2.5	50.1	0	60	0	0	0
11/7/2019 11:00	5.7	0	200	0	2.4	51.8	0	63	0	0	0
11/7/2019 12:00	7.2	0	208	0	2.6	53.4	0	64	0	0	0
11/7/2019 13:00	6.2	0	210	0	2.2	54.8	0	63	0	0	0
11/7/2019 14:00	4.8	0	204	0	2.8	56.7	0	62	0	0	0
11/7/2019 15:00	4.4	0	208	0	2.8	57.6	0	61	0	0	0

11/7/2019 16:00	3.8	0	223	0	3.5	58	0	61	0	0	0
11/7/2019 17:00	3.7	0	299	0	2.9	57.3	0	64	0	0	0
11/7/2019 18:00	3.9	0	336	0	1.4	54.4	0	78	0	0.05	0
11/7/2019 19:00	2.2	0	6	0	1.9	51.6	0	94	0	0.05	0
11/7/2019 20:00	3	0	355	0	1.9	50.8	0	96	0	0.01	0
11/7/2019 21:00	3.2	0	335	0	1.1	50	0	94	0	0	0
11/7/2019 22:00	5.8	0	336	0	1.3	49.2	0	92	0	0	0
11/7/2019 23:00	7.2	0	331	0	1.3	47.3	0	83	0	0	0
11/8/2019 0:00	9.4	0	337	0	1.5	45.7	0	76	0	0	0
11/8/2019 1:00	8.9	0	341	0	2.5	44.1	0	72	0	0	0
11/8/2019 2:00	8.7	0	343	0	1.9	42.4	0	69	0	0	0
11/8/2019 3:00	6.3	0	343	0	2	40.5	0	67	0	0	0
11/8/2019 4:00	5.7	0	343	0	1.8	38.9	0	67	0	0	0
11/8/2019 5:00	9.3	0	336	0	1.5	38.5	0	65	0	0	0
11/8/2019 6:00	7.5	0	346	0	2.2	37	0	56	0	0	0
11/8/2019 7:00	5.9	0	338	0	1.9	35.2	0	57	0	0	0
11/8/2019 8:00	10.6	0	336	0	1.4	34.6	0	60	0	0	0
11/8/2019 9:00	8.1	0	334	0	1.4	34.8	0	60	0	0	0
11/8/2019 10:00	9.9	0	332	0	1.5	35.9	0	55	0	0	0
11/8/2019 11:00	11.2	0	330	0	1.9	36.4	0	51	0	0	0
11/8/2019 12:00	9.4	0	329	0	1.6	36.8	0	54	0	0	0
11/8/2019 13:00	10.8	0	331	0	1.8	37.7	0	48	0	0	0
11/8/2019 14:00	9.9	0	338	0	2.2	38.9	0	44	0	0	0
11/8/2019 15:00	8.8	0	338	0	2.3	39.3	0	42	0	0	0
11/8/2019 16:00	10.2	0	330	0	1.7	39.4	0	42	0	0	0
11/8/2019 17:00	9.3	0	331	0	1.5	39.1	0	41	0	0	0
11/8/2019 18:00	8.6	0	325	0	1.4	38.3	0	41	0	0	0
11/8/2019 19:00	4.8	0	327	0	1.1	36.6	0	45	0	0	0
11/8/2019 20:00	4.3	0	313	0	1	35	0	51	0	0	0
11/8/2019 21:00	4.3	0	314	0	0.9	34	0	56	0	0	0
11/8/2019 22:00	4.3	0	318	0	0.9	33.1	0	58	0	0	0
11/8/2019 23:00	3.5	0	320	0	1	32.1	0	59	0	0	0

11/9/2019 0:00	2.7	0	336	0	1.1	31.5	0	60	0	0	0
11/9/2019 1:00	1.8	0	354	0	1.5	31.2	0	59	0	0	0
11/9/2019 2:00	1.6	0	349	0	1.3	29.8	0	64	0	0	0
11/9/2019 3:00	2	0	353	0	1.6	29.9	0	61	0	0	0
11/9/2019 4:00	1.9	0	54	0	3	28.2	0	72	0	0	0
11/9/2019 5:00	1.1	0	31	0	2.3	26.9	0	78	0	0	0
11/9/2019 6:00	1.5	0	45	0	1.5	26.4	0	84	0	0	0
11/9/2019 7:00	0.9	0	32	0	2.7	24.6	0	91	0	0	0
11/9/2019 8:00	0.9	0	54	0	3.4	24.8	0	84	0	0	0
11/9/2019 9:00	1.2	0	90	0	3.3	28.2	0	71	0	0	0
11/9/2019 10:00	3.5	0	139	0	2.4	32.1	0	61	0	0	0
11/9/2019 11:00	4.1	0	160	0	3.5	35.3	0	54	0	0	0
11/9/2019 12:00	4.7	0	183	0	3.8	37.5	0	48	0	0	0
11/9/2019 13:00	4.8	0	180	0	3.6	39.1	0	45	0	0	0
11/9/2019 14:00	5	0	185	0	4.2	40.8	0	42	0	0	0
11/9/2019 15:00	4.8	0	198	0	3.1	40.6	0	41	0	0	0
11/9/2019 16:00	5.4	0	198	0	2.8	41	0	43	0	0	0
11/9/2019 17:00	4.9	0	194	0	3.2	41.4	0	43	0	0	0
11/9/2019 18:00	3.3	0	175	0	3.1	40.7	0	45	0	0	0
11/9/2019 19:00	1.5	0	156	0	1.4	39	0	49	0	0	0
11/9/2019 20:00	1.2	0	146	0	1.4	37.7	0	52	0	0	0
11/9/2019 21:00	1.2	0	148	0	1.4	35.8	0	59	0	0	0
11/9/2019 22:00	1.1	0	140	0	1.2	34.8	0	64	0	0	0
11/9/2019 23:00	1.4	0	131	0	1.8	33.7	0	68	0	0	0
11/10/2019 0:00	0.5	0	85	0	2.6	32.2	0	77	0	0	0
11/10/2019 1:00	0.4	0	130	0	4.1	32.7	0	78	0	0	0
11/10/2019 2:00	0.9	0	139	0	1.8	33.7	0	75	0	0	0
11/10/2019 3:00	0.8	0	132	0	0.6	33.9	0	78	0	0	0
11/10/2019 4:00	1	0	159	0	1.7	34.5	0	79	0	0	0
11/10/2019 5:00	0.9	0	177	0	1.2	35.4	0	77	0	0	0
11/10/2019 6:00	1.1	0	190	0	2	35.6	0	75	0	0	0
11/10/2019 7:00	1.8	0	175	0	1.9	35.6	0	72	0	0	0

11/10/2019 8:00	2.3	0	198	0	2.3	36.4	0	67	0	0	0
11/10/2019 9:00	2.3	0	205	0	2.2	37	0	69	0	0	0
11/10/2019 10:00	3	0	205	0	2.3	38.8	0	63	0	0	0
11/10/2019 11:00	3.1	0	203	0	2.9	40.9	0	58	0	0	0
11/10/2019 12:00	1	0	138	0	3.3	45.1	0	51	0	0	0
11/10/2019 13:00	3.4	0	203	0	4.3	52.1	0	42	0	0	0
11/10/2019 14:00	4.1	0	206	0	2.7	54.6	0	39	0	0	0
11/10/2019 15:00	4	0	212	0	3.3	55.7	0	37	0	0	0
11/10/2019 16:00	4.3	0	211	0	2.6	55	0	38	0	0	0
11/10/2019 17:00	3.6	0	186	0	2.9	54.5	0	41	0	0	0
11/10/2019 18:00	2.4	0	194	0	2.5	54.4	0	43	0	0	0
11/10/2019 19:00	1.3	0	163	0	1.7	52.4	0	48	0	0	0
11/10/2019 20:00	0.9	0	159	0	1.3	49.8	0	53	0	0	0
11/10/2019 21:00	0.8	0	94	0	2.8	49	0	57	0	0	0
11/10/2019 22:00	0.5	0	117	0	1.3	46.2	0	63	0	0	0
11/10/2019 23:00	0.5	0	71	0	2.2	43	0	75	0	0	0
11/11/2019 0:00	0.7	0	44	0	1.2	42	0	78	0	0	0
11/11/2019 1:00	1.7	0	40	0	2.8	39.4	0	84	0	0	0
11/11/2019 2:00	1.3	0	31	0	0.7	37.6	0	89	0	0	0
11/11/2019 3:00	0.7	0	46	0	1.3	36.7	0	91	0	0	0
11/11/2019 4:00	0.9	0	26	0	1.5	37	0	90	0	0	0
11/11/2019 5:00	1.7	0	56	0	4.4	37.2	0	90	0	0	0
11/11/2019 6:00	0.9	0	41	0	1.3	35	0	95	0	0	0
11/11/2019 7:00	0.5	0	28	0	2.7	35.4	0	95	0	0	0
11/11/2019 8:00	1.2	0	58	0	5.3	36	0	95	0	0	0
11/11/2019 9:00	1.5	0	47	0	7.6	37.4	0	91	0	0	0
11/11/2019 10:00	1.3	0	27	0	6.5	43.3	0	82	0	0	0
11/11/2019 11:00	1.1	0	131	0	6.3	51.7	0	65	0	0	0
11/11/2019 12:00	2.5	0	181	0	2.7	58.4	0	53	0	0	0
11/11/2019 13:00	2.8	0	184	0	3	64	0	42	0	0	0
11/11/2019 14:00	4.6	0	188	0	3.1	67.1	0	33	0	0	0
11/11/2019 15:00	5.7	0	172	0	2.7	67.1	0	32	0	0	0

11/11/2019 16:00	5.1	0	172	0	3.1	66.3	0	34	0	0	0
11/11/2019 17:00	4.7	0	173	0	2.7	65.4	0	37	0	0	0
11/11/2019 18:00	4.6	0	177	0	2.2	64.3	0	38	0	0	0
11/11/2019 19:00	4.2	0	172	0	2.4	61.4	0	44	0	0	0
11/11/2019 20:00	4	0	180	0	2.2	59.6	0	50	0	0	0
11/11/2019 21:00	4.2	0	176	0	2.3	58.4	0	55	0	0	0
11/11/2019 22:00	6.1	0	198	0	2.1	58.2	0	55	0	0	0
11/11/2019 23:00	7.2	0	201	0	1.9	58.4	0	52	0	0	0
11/12/2019 0:00	6.4	0	200	0	2	58.3	0	51	0	0	0
11/12/2019 1:00	5.8	0	201	0	1.7	58.3	0	50	0	0	0
11/12/2019 2:00	4.4	0	200	0	1.9	57.9	0	51	0	0	0
11/12/2019 3:00	4.8	0	217	0	3.7	58.6	0	51	0	0	0
11/12/2019 4:00	5.6	0	233	0	2.4	57.8	0	54	0	0.01	0
11/12/2019 5:00	4.8	0	232	0	2.3	54.3	0	71	0	0.03	0
11/12/2019 6:00	5.4	0	277	0	2.3	51.5	0	87	0	0.05	0
11/12/2019 7:00	7.5	0	305	0	1.2	50.1	0	92	0	0.02	0
11/12/2019 8:00	9.4	0	324	0	1.6	47.8	0	88	0	0	0
11/12/2019 9:00	13.9	0	322	0	1.3	43.8	0	69	0	0	0
11/12/2019 10:00	15	0	325	0	1.2	41.6	0	62	0	0	0
11/12/2019 11:00	14.1	0	329	0	1.3	40.8	0	60	0	0	0
11/12/2019 12:00	11.6	0	328	0	1.2	39.2	0	61	0	0	0
11/12/2019 13:00	10.6	0	329	0	1.3	38.8	0	59	0	0	0
11/12/2019 14:00	11.9	0	330	0	1.4	37.9	0	50	0	0	0
11/12/2019 15:00	11	0	334	0	1.5	37.3	0	49	0	0	0
11/12/2019 16:00	11	0	340	0	1.9	38.1	0	49	0	0	0
11/12/2019 17:00	9.7	0	339	0	2	37.9	0	50	0	0	0
11/12/2019 18:00	11.4	0	336	0	1.6	35.8	0	56	0	0	0
11/12/2019 19:00	11.2	0	334	0	1.6	34.3	0	55	0	0	0
11/12/2019 20:00	10.6	0	339	0	1.8	32.7	0	58	0	0	0
11/12/2019 21:00	10.4	0	336	0	1.5	31.3	0	59	0	0	0
11/12/2019 22:00	9.9	0	337	0	1.4	30.4	0	57	0	0	0
11/12/2019 23:00	9.5	0	335	0	1.3	29.4	0	56	0	0	0

11/13/2019 0:00	8.1	0	338	0	1.5	28.5	0	50	0	0	0
11/13/2019 1:00	8.7	0	338	0	1.5	27.5	0	46	0	0	0
11/13/2019 2:00	8.4	0	336	0	1.3	26.5	0	44	0	0	0
11/13/2019 3:00	5.9	0	335	0	1.3	25.3	0	52	0	0	0
11/13/2019 4:00	5.4	0	331	0	1.2	24.4	0	52	0	0	0
11/13/2019 5:00	5.9	0	330	0	1.1	23.7	0	55	0	0	0
11/13/2019 6:00	5	0	331	0	0.8	23	0	59	0	0	0
11/13/2019 7:00	2.7	0	331	0	1.3	22.1	0	64	0	0	0
11/13/2019 8:00	5	0	321	0	1	22.1	0	65	0	0	0
11/13/2019 9:00	6.5	0	314	0	1.2	23	0	62	0	0	0
11/13/2019 10:00	7.7	0	321	0	1.7	25	0	57	0	0	0
11/13/2019 11:00	9.1	0	334	0	1.6	26.9	0	49	0	0	0
11/13/2019 12:00	8.4	0	335	0	2.2	28.8	0	45	0	0	0
11/13/2019 13:00	8.2	0	322	0	2.1	30.3	0	43	0	0	0
11/13/2019 14:00	5.8	0	334	0	4.3	31.9	0	40	0	0	0
11/13/2019 15:00	5.2	0	328	0	5	33.5	0	38	0	0	0
11/13/2019 16:00	5.2	0	309	0	3.8	33.8	0	38	0	0	0
11/13/2019 17:00	3	0	316	0	5.6	34.3	0	36	0	0	0
11/13/2019 18:00	1.2	0	291	0	4.3	33	0	39	0	0	0
11/13/2019 19:00	1.9	0	308	0	5	31.2	0	42	0	0	0
11/13/2019 20:00	1.4	0	50	0	2.9	29.3	0	52	0	0	0
11/13/2019 21:00	1.1	0	58	0	3.4	28.1	0	58	0	0	0
11/13/2019 22:00	0.4	0	122	0	1.6	27.5	0	58	0	0	0
11/13/2019 23:00	0.5	0	120	0	1.8	27.2	0	62	0	0	0
11/14/2019 0:00	2.2	0	141	0	1	27.5	0	59	0	0	0
11/14/2019 1:00	1.6	0	139	0	0.9	27.5	0	59	0	0	0
11/14/2019 2:00	0.4	0	145	0	0.5	26	0	67	0	0	0
11/14/2019 3:00	1.7	0	152	0	1.6	26.6	0	63	0	0	0
11/14/2019 4:00	1	0	143	0	2	26.1	0	64	0	0	0
11/14/2019 5:00	1.7	0	168	0	1.3	25.8	0	67	0	0	0
11/14/2019 6:00	2.4	0	181	0	1.9	26	0	67	0	0	0
11/14/2019 7:00	2	0	189	0	1.7	26.2	0	66	0	0	0

11/14/2019 8:00	2.2	0	192	0	1.9	26.1	0	66	0	0	0
11/14/2019 9:00	2.9	0	196	0	2.3	27.4	0	63	0	0	0
11/14/2019 10:00	4.8	0	205	0	2.1	30.2	0	54	0	0	0
11/14/2019 11:00	5.4	0	201	0	2.5	32.2	0	50	0	0	0
11/14/2019 12:00	4.3	0	196	0	2.6	33.6	0	47	0	0	0
11/14/2019 13:00	4.9	0	193	0	2.7	36.1	0	43	0	0	0
11/14/2019 14:00	5.9	0	191	0	2.6	38.3	0	38	0	0	0
11/14/2019 15:00	6.4	0	197	0	2.8	40.4	0	34	0	0	0
11/14/2019 16:00	5.6	0	200	0	3.1	41	0	34	0	0	0
11/14/2019 17:00	4.8	0	205	0	2.5	38.8	0	39	0	0	0
11/14/2019 18:00	2.7	0	191	0	3.2	38.5	0	40	0	0	0
11/14/2019 19:00	1.1	0	115	0	4.7	36.9	0	44	0	0	0
11/14/2019 20:00	0.3	0	102	0	1.2	33.7	0	51	0	0	0
11/14/2019 21:00	0.8	0	153	0	3.7	32	0	57	0	0	0
11/14/2019 22:00	1.4	0	64	0	5.3	34.6	0	52	0	0	0
11/14/2019 23:00	1.6	0	44	0	4	32.9	0	64	0	0	0
11/15/2019 0:00	0.5	0	45	0	3.8	33	0	66	0	0	0
11/15/2019 1:00	1.4	0	39	0	2.7	32.2	0	70	0	0	0
11/15/2019 2:00	0.7	0	39	0	2.8	29.4	0	81	0	0	0
11/15/2019 3:00	0.7	0	30	0	1.4	28.8	0	81	0	0	0
11/15/2019 4:00	0.8	0	36	0	2.3	28.2	0	86	0	0	0
11/15/2019 5:00	1.3	0	30	0	1.9	28.4	0	85	0	0	0
11/15/2019 6:00	1.1	0	43	0	2.6	28.2	0	87	0	0	0
11/15/2019 7:00	1.5	0	22	0	2.6	28	0	87	0	0	0
11/15/2019 8:00	0.5	0	110	0	2.2	28.4	0	86	0	0	0
11/15/2019 9:00	0.4	0	119	0	1.1	29.9	0	80	0	0	0
11/15/2019 10:00	0.8	0	34	0	3	34.3	0	73	0	0	0
11/15/2019 11:00	2.7	0	294	0	7.2	44.2	0	49	0	0	0
11/15/2019 12:00	8.7	0	335	0	2.1	46.7	0	38	0	0	0
11/15/2019 13:00	7.6	0	333	0	2.3	47.6	0	37	0	0	0
11/15/2019 14:00	6	0	327	0	2.5	49.4	0	36	0	0	0
11/15/2019 15:00	6	0	312	0	1.9	50.5	0	35	0	0	0

11/15/2019 16:00	6.5	0	319	0	1.5	50.9	0	34	0	0	0
11/15/2019 17:00	4.2	0	344	0	1.9	50.3	0	35	0	0	0
11/15/2019 18:00	2.1	0	4	0	1.6	49	0	37	0	0	0
11/15/2019 19:00	0.7	0	30	0	2.9	46.9	0	40	0	0	0
11/15/2019 20:00	1.1	0	25	0	3.6	44.1	0	45	0	0	0
11/15/2019 21:00	1.7	0	27	0	1.4	42.9	0	49	0	0	0
11/15/2019 22:00	1.4	0	38	0	1	39.9	0	57	0	0	0
11/15/2019 23:00	4	0	353	0	1.5	40.5	0	53	0	0	0
11/16/2019 0:00	3.6	0	347	0	1.6	41.2	0	48	0	0	0
11/16/2019 1:00	3.2	0	358	0	2.1	40.5	0	50	0	0	0
11/16/2019 2:00	4.5	0	0	0	2.3	39.6	0	56	0	0	0
11/16/2019 3:00	5.1	0	10	0	2.3	38.3	0	61	0	0	0
11/16/2019 4:00	2.9	0	356	0	2	36.4	0	67	0	0	0
11/16/2019 5:00	2.7	0	344	0	1.4	34.8	0	72	0	0	0
11/16/2019 6:00	2.3	0	351	0	1.6	33.5	0	75	0	0	0
11/16/2019 7:00	2	0	4	0	1.8	32.8	0	75	0	0	0
11/16/2019 8:00	1.6	0	358	0	1.5	32.2	0	74	0	0	0
11/16/2019 9:00	2.9	0	1	0	2.1	33.1	0	70	0	0	0
11/16/2019 10:00	6.2	0	27	0	2.7	35.9	0	62	0	0	0
11/16/2019 11:00	7.7	0	46	0	3	38	0	56	0	0	0
11/16/2019 12:00	7.4	0	53	0	2.7	40	0	48	0	0	0
11/16/2019 13:00	7.2	0	51	0	3.3	41	0	43	0	0	0
11/16/2019 14:00	6.3	0	54	0	3.5	42	0	39	0	0	0
11/16/2019 15:00	5.7	0	63	0	3.6	43.2	0	34	0	0	0
11/16/2019 16:00	5.8	0	54	0	3.4	43.5	0	28	0	0	0
11/16/2019 17:00	6	0	94	0	3.2	43.4	0	22	0	0	0
11/16/2019 18:00	5.1	0	107	0	2.4	41	0	26	0	0	0
11/16/2019 19:00	4.1	0	94	0	1.9	38.8	0	26	0	0	0
11/16/2019 20:00	3.8	0	73	0	2.2	37.5	0	27	0	0	0
11/16/2019 21:00	3.6	0	48	0	2.1	36.2	0	29	0	0	0
11/16/2019 22:00	3.1	0	30	0	1.9	35.1	0	33	0	0	0
11/16/2019 23:00	3.3	0	37	0	2.2	34.1	0	34	0	0	0

11/17/2019 0:00	2.4	0	28	0	2.1	33.1	0	37	0	0	0
11/17/2019 1:00	2.5	0	28	0	1.9	32.8	0	38	0	0	0
11/17/2019 2:00	4.1	0	47	0	2.6	34.2	0	33	0	0	0
11/17/2019 3:00	3.6	0	36	0	2.6	34.3	0	33	0	0	0
11/17/2019 4:00	4.1	0	40	0	2.5	33.6	0	33	0	0	0
11/17/2019 5:00	4.8	0	46	0	2.3	33	0	35	0	0	0
11/17/2019 6:00	5.3	0	42	0	2.3	32.7	0	38	0	0	0
11/17/2019 7:00	5.4	0	42	0	2.3	32.5	0	42	0	0	0
11/17/2019 8:00	5.6	0	43	0	2.5	32.2	0	45	0	0	0
11/17/2019 9:00	5.3	0	41	0	2.4	32.5	0	48	0	0	0
11/17/2019 10:00	4.8	0	55	0	2.8	33.9	0	49	0	0	0
11/17/2019 11:00	4.8	0	53	0	2.9	35.6	0	53	0	0	0
11/17/2019 12:00	5	0	60	0	2.9	37.4	0	55	0	0	0
11/17/2019 13:00	4.6	0	40	0	3.1	39.6	0	56	0	0	0
11/17/2019 14:00	4.3	0	50	0	3	40.7	0	58	0	0	0
11/17/2019 15:00	4.1	0	47	0	2.8	41.9	0	60	0	0	0
11/17/2019 16:00	3.5	0	47	0	3.4	42.7	0	61	0	0	0
11/17/2019 17:00	3.9	0	59	0	2.9	42.8	0	63	0	0	0
11/17/2019 18:00	3.3	0	60	0	2.7	42.3	0	65	0	0	0
11/17/2019 19:00	3.5	0	48	0	2.3	41.6	0	69	0	0	0
11/17/2019 20:00	3.2	0	57	0	2.8	40.4	0	74	0	0	0
11/17/2019 21:00	2.5	0	19	0	2.5	39.8	0	76	0	0	0
11/17/2019 22:00	2.7	0	29	0	2.5	39.7	0	76	0	0	0
11/17/2019 23:00	2.9	0	23	0	2.8	39.6	0	77	0	0	0
11/18/2019 0:00	3.4	0	11	0	2.3	38.9	0	82	0	0	0
11/18/2019 1:00	3	0	16	0	2.3	38.2	0	86	0	0	0
11/18/2019 2:00	2.6	0	26	0	2.4	37.8	0	89	0	0	0
11/18/2019 3:00	2.4	0	25	0	2.6	37.4	0	92	0	0	0
11/18/2019 4:00	2.4	0	358	0	2.4	37.2	0	93	0	0	0
11/18/2019 5:00	2.4	0	346	0	2	36.9	0	96	0	0	0
11/18/2019 6:00	2.4	0	352	0	2.2	36.4	0	98	0	0	0
11/18/2019 7:00	2.7	0	358	0	2.2	36.4	0	96	0	0	0

11/18/2019 8:00	2.2	0	4	0	2.5	36.1	0	97	0	0	0
11/18/2019 9:00	2.9	0	0	0	2.4	35.6	0	97	0	0	0
11/18/2019 10:00	3.7	0	332	0	1.8	36.1	0	95	0	0	0
11/18/2019 11:00	3.6	0	343	0	2.3	36.9	0	93	0	0	0
11/18/2019 12:00	3.3	0	337	0	2.7	38.2	0	90	0	0	0
11/18/2019 13:00	3.8	0	327	0	2.1	39.1	0	90	0	0	0
11/18/2019 14:00	4.2	0	319	0	2.4	40.2	0	88	0	0	0
11/18/2019 15:00	3.4	0	330	0	3.8	41	0	87	0	0	0
11/18/2019 16:00	3.4	0	356	0	3.3	41.8	0	85	0	0	0
11/18/2019 17:00	3.7	0	319	0	2.6	41.7	0	85	0	0	0
11/18/2019 18:00	5.2	0	292	0	2.8	40.6	0	89	0	0	0
11/18/2019 19:00	3.3	0	300	0	3.6	40	0	91	0	0	0
11/18/2019 20:00	2.8	0	314	0	2.7	40.5	0	90	0	0	0
11/18/2019 21:00	1.8	0	30	0	4.5	40.2	0	92	0	0	0
11/18/2019 22:00	1.3	0	330	0	7.7	39.9	0	95	0	0	0
11/18/2019 23:00	0.7	0	265	0	5.7	39.8	0	98	0	0	0
11/19/2019 0:00	1.9	0	248	0	2.9	40.1	0	98	0	0.01	0
11/19/2019 1:00	2.2	0	226	0	2.5	40	0	98	0	0.02	0
11/19/2019 2:00	1.2	0	237	0	4.7	39.9	0	98	0	0.01	0
11/19/2019 3:00	1.7	0	209	0	6.2	39.8	0	99	0	0	0
11/19/2019 4:00	2.3	0	263	0	2.3	40.4	0	100	0	0	0
11/19/2019 5:00	2.6	0	288	0	2.1	40.8	0	99	0	0	0
11/19/2019 6:00	1.1	0	281	0	4.8	40.3	0	99	0	0	0
11/19/2019 7:00	2.2	0	233	0	3.5	39.8	0	100	0	0	0
11/19/2019 8:00	2.2	0	271	0	3.4	39.8	0	100	0	0	0
11/19/2019 9:00	2.3	0	275	0	2.8	39.6	0	100	0	0	0
11/19/2019 10:00	2.2	0	304	0	4.6	40.3	0	100	0	0	0
11/19/2019 11:00	2.5	0	250	0	3.9	44.4	0	89	0	0	0
11/19/2019 12:00	3.8	0	290	0	3.2	47.9	0	72	0	0	0
11/19/2019 13:00	4.7	0	300	0	3	49.5	0	65	0	0	0
11/19/2019 14:00	4.9	0	278	0	2.8	50.9	0	62	0	0	0
11/19/2019 15:00	4.6	0	280	0	2.6	51.5	0	60	0	0	0

11/19/2019 16:00	4.1	0	266	0	3.5	51.8	0	59	0	0	0
11/19/2019 17:00	3.2	0	265	0	2.8	51.6	0	59	0	0	0
11/19/2019 18:00	2.7	0	262	0	1.8	50.7	0	59	0	0	0
11/19/2019 19:00	1.7	0	281	0	2.1	49.2	0	63	0	0	0
11/19/2019 20:00	1.3	0	342	0	2	48.4	0	66	0	0	0
11/19/2019 21:00	0.3	0	283	0	2.2	47.2	0	69	0	0	0
11/19/2019 22:00	1.8	0	304	0	1.7	47.7	0	65	0	0	0
11/19/2019 23:00	1.4	0	315	0	2.1	47.2	0	68	0	0	0
11/20/2019 0:00	2.5	0	290	0	2.3	47.1	0	71	0	0	0
11/20/2019 1:00	2.7	0	320	0	0.9	46.6	0	73	0	0	0
11/20/2019 2:00	4.5	0	328	0	0.9	46.7	0	69	0	0	0
11/20/2019 3:00	5.1	0	335	0	1.4	46.5	0	66	0	0	0
11/20/2019 4:00	3.3	0	357	0	2.3	45.7	0	68	0	0	0
11/20/2019 5:00	1.9	0	347	0	1.5	44.6	0	70	0	0	0
11/20/2019 6:00	3.3	0	331	0	0.7	44	0	72	0	0	0
11/20/2019 7:00	2.6	0	328	0	0.7	43.9	0	72	0	0	0
11/20/2019 8:00	4.5	0	323	0	1.1	44.3	0	71	0	0	0
11/20/2019 9:00	6.7	0	324	0	1.1	44.7	0	70	0	0	0
11/20/2019 10:00	6.8	0	330	0	1.1	45	0	69	0	0	0
11/20/2019 11:00	6.3	0	323	0	1.2	45.6	0	68	0	0	0
11/20/2019 12:00	10.2	0	324	0	1.4	47.5	0	64	0	0	0
11/20/2019 13:00	11.9	0	330	0	1.9	48.6	0	61	0	0	0
11/20/2019 14:00	11.5	0	331	0	1.5	49.1	0	59	0	0.02	0
11/20/2019 15:00	9.5	0	337	0	1.8	49.2	0	54	0	0	0
11/20/2019 16:00	12.8	0	325	0	1.5	50	0	47	0	0	0
11/20/2019 17:00	9.8	0	329	0	1.3	48.7	0	52	0	0	0
11/20/2019 18:00	10.2	0	332	0	1.4	47.9	0	55	0	0	0
11/20/2019 19:00	9	0	331	0	1.2	47.5	0	55	0	0	0
11/20/2019 20:00	7.6	0	331	0	1.2	47.4	0	55	0	0	0
11/20/2019 21:00	7.5	0	330	0	1.2	47.1	0	56	0	0	0
11/20/2019 22:00	9	0	333	0	1.4	46.2	0	57	0	0	0
11/20/2019 23:00	5.9	0	331	0	1.1	44.1	0	61	0	0	0

11/21/2019 0:00	5.8	0	334	0	1.3	43.8	0	62	0	0	0
11/21/2019 1:00	6.4	0	334	0	1.5	43.4	0	60	0	0	0
11/21/2019 2:00	3.8	0	327	0	0.9	41.3	0	66	0	0	0
11/21/2019 3:00	4.3	0	328	0	0.7	40.1	0	70	0	0	0
11/21/2019 4:00	5.7	0	326	0	0.8	40	0	70	0	0	0
11/21/2019 5:00	5.1	0	328	0	0.8	39.4	0	69	0	0	0
11/21/2019 6:00	1.6	0	327	0	1.6	38.1	0	71	0	0	0
11/21/2019 7:00	2	0	325	0	0.8	37.4	0	72	0	0	0
11/21/2019 8:00	1.7	0	321	0	1.1	36.4	0	74	0	0	0
11/21/2019 9:00	0.8	0	312	0	1.1	37.4	0	73	0	0	0
11/21/2019 10:00	2.9	0	297	0	1.9	41.5	0	65	0	0	0
11/21/2019 11:00	3.7	0	303	0	2.4	45.2	0	55	0	0	0
11/21/2019 12:00	3.3	0	312	0	4.3	47.7	0	49	0	0	0
11/21/2019 13:00	3.3	0	256	0	7.5	50	0	43	0	0	0
11/21/2019 14:00	3.9	0	257	0	3	51.3	0	43	0	0	0
11/21/2019 15:00	3.6	0	254	0	4.6	51.9	0	43	0	0	0
11/21/2019 16:00	3.8	0	227	0	2.7	52.6	0	43	0	0	0
11/21/2019 17:00	4.2	0	209	0	2.5	52.2	0	44	0	0	0
11/21/2019 18:00	4.1	0	212	0	2.5	51.6	0	46	0	0	0
11/21/2019 19:00	4	0	184	0	2.4	50.2	0	49	0	0	0
11/21/2019 20:00	4.4	0	196	0	2.1	49.8	0	50	0	0	0
11/21/2019 21:00	3.8	0	180	0	2.4	49.3	0	52	0	0	0
11/21/2019 22:00	5.7	0	189	0	2.4	49.3	0	54	0	0	0
11/21/2019 23:00	5.8	0	194	0	2.4	49.2	0	57	0	0	0
11/22/2019 0:00	7	0	202	0	2.3	49.4	0	58	0	0	0
11/22/2019 1:00	5.5	0	208	0	2.1	49.8	0	58	0	0	0
11/22/2019 2:00	5	0	206	0	2.1	50	0	58	0	0	0
11/22/2019 3:00	2.6	0	199	0	2.2	48.9	0	61	0	0	0
11/22/2019 4:00	1.5	0	169	0	1.9	47.6	0	64	0	0	0
11/22/2019 5:00	1.7	0	181	0	3	46	0	69	0	0	0
11/22/2019 6:00	1.2	0	186	0	2.6	45.6	0	71	0	0	0
11/22/2019 7:00	1.3	0	184	0	4.8	45.3	0	72	0	0	0

11/22/2019 8:00	2.1	0	151	0	2.2	45.6	0	73	0	0	0
11/22/2019 9:00	2	0	202	0	3.1	46.4	0	73	0	0	0
11/22/2019 10:00	3.3	0	205	0	2.3	49.4	0	68	0	0	0
11/22/2019 11:00	4.4	0	262	0	2.4	51.3	0	68	0	0.01	0
11/22/2019 12:00	3.4	0	241	0	2.5	48.8	0	88	0	0.04	0
11/22/2019 13:00	4.8	0	229	0	2.4	48.8	0	95	0	0.03	0
11/22/2019 14:00	4.1	0	255	0	2.7	50.1	0	96	0	0	0
11/22/2019 15:00	8.2	0	317	0	1.8	51.3	0	83	0	0	0
11/22/2019 16:00	10	0	323	0	1.4	51.5	0	63	0	0	0
11/22/2019 17:00	9.7	0	329	0	1.7	50.5	0	58	0	0	0
11/22/2019 18:00	8.5	0	329	0	1.7	49.4	0	55	0	0	0
11/22/2019 19:00	7	0	329	0	1	47.5	0	57	0	0	0
11/22/2019 20:00	8.8	0	330	0	1.3	46.4	0	51	0	0	0
11/22/2019 21:00	8.5	0	329	0	1.3	44.7	0	53	0	0	0
11/22/2019 22:00	5.1	0	341	0	1.4	42.5	0	56	0	0	0
11/22/2019 23:00	4	0	342	0	1.4	40.4	0	58	0	0	0
11/23/2019 0:00	2.9	0	11	0	3	38.9	0	59	0	0	0
11/23/2019 1:00	1.7	0	7	0	3.4	37.4	0	62	0	0	0
11/23/2019 2:00	2.7	0	346	0	4.4	35.7	0	65	0	0	0
11/23/2019 3:00	4.2	0	344	0	3.1	35.7	0	65	0	0	0
11/23/2019 4:00	3.6	0	350	0	4.6	34.6	0	68	0	0	0
11/23/2019 5:00	1.7	0	82	0	7.2	33.4	0	71	0	0	0
11/23/2019 6:00	1.3	0	78	0	5.2	31.8	0	75	0	0	0
11/23/2019 7:00	2.1	0	7	0	4.7	29.8	0	83	0	0	0
11/23/2019 8:00	0.9	0	17	0	7.1	29.1	0	85	0	0	0
11/23/2019 9:00	1.9	0	30	0	3.1	29.4	0	86	0	0	0
11/23/2019 10:00	1.2	0	44	0	4.5	32.4	0	79	0	0	0
11/23/2019 11:00	2.2	0	111	0	7.6	37.7	0	61	0	0	0
11/23/2019 12:00	2.7	0	171	0	4.3	39.5	0	54	0	0	0
11/23/2019 13:00	3.2	0	178	0	3.5	40.2	0	53	0	0	0
11/23/2019 14:00	3.4	0	164	0	3.2	40.8	0	53	0	0	0
11/23/2019 15:00	3.5	0	187	0	3.3	41.8	0	53	0	0	0

11/23/2019 16:00	3.6	0	185	0	3	41.6	0	56	0	0	0
11/23/2019 17:00	3	0	164	0	3.1	41	0	59	0	0	0
11/23/2019 18:00	2.5	0	168	0	2.7	40.8	0	65	0	0	0
11/23/2019 19:00	2.3	0	154	0	2.4	40	0	75	0	0.01	0
11/23/2019 20:00	2.9	0	121	0	2.7	38.8	0	88	0	0.01	0
11/23/2019 21:00	2	0	139	0	2.8	38.3	0	91	0	0	0
11/23/2019 22:00	3.4	0	124	0	1.9	37.8	0	91	0	0	0
11/23/2019 23:00	2.8	0	134	0	3.2	36.8	0	97	0	0.14	0
11/24/2019 0:00	2.4	0	67	0	7	37.1	0	99	0	0.05	0
11/24/2019 1:00	2	0	49	0	4	37.3	0	99	0	0.21	0
11/24/2019 2:00	3.4	0	12	0	4.3	37	0	99	0	0.35	0
11/24/2019 3:00	4	0	1	0	4	36.9	0	99	0	0.3	0
11/24/2019 4:00	3.7	0	3	0	2.2	37	0	99	0	0.01	0
11/24/2019 5:00	4.3	0	344	0	2.1	37.5	0	98	0	0	0
11/24/2019 6:00	6	0	337	0	1.6	37.5	0	98	0	0.02	0
11/24/2019 7:00	6.2	0	322	0	1.2	37.4	0	97	0	0	0
11/24/2019 8:00	4.2	0	317	0	1.6	38.2	0	96	0	0	0
11/24/2019 9:00	5.1	0	313	0	1.2	38.9	0	93	0	0	0
11/24/2019 10:00	11.9	0	311	0	1.3	41.5	0	83	0	0	0
11/24/2019 11:00	16.4	0	325	0	1.2	41.6	0	79	0	0	0
11/24/2019 12:00	11.4	0	320	0	1.3	40.7	0	82	0	0	0
11/24/2019 13:00	12.8	0	315	0	1.2	43	0	69	0	0	0
11/24/2019 14:00	12.6	0	306	0	1.6	46.3	0	48	0	0	0
11/24/2019 15:00	14.1	0	312	0	1.4	48.6	0	45	0	0	0
11/24/2019 16:00	14	0	309	0	1.4	49.2	0	47	0	0	0
11/24/2019 17:00	12.1	0	305	0	1.5	48.3	0	49	0	0	0
11/24/2019 18:00	10.5	0	300	0	1.6	46.2	0	52	0	0	0
11/24/2019 19:00	10.3	0	308	0	1.1	43.8	0	56	0	0	0
11/24/2019 20:00	8.6	0	306	0	1.3	42.8	0	58	0	0	0
11/24/2019 21:00	9.9	0	308	0	1.3	42.1	0	60	0	0	0
11/24/2019 22:00	9.3	0	309	0	1.1	41.9	0	62	0	0	0
11/24/2019 23:00	4.5	0	305	0	1.2	40.7	0	66	0	0	0

11/25/2019 0:00	3.5	0	281	0	3.5	40.8	0	66	0	0	0
11/25/2019 1:00	1.6	0	244	0	4.3	39.8	0	69	0	0	0
11/25/2019 2:00	2.3	0	260	0	4.1	38.5	0	71	0	0	0
11/25/2019 3:00	2	0	295	0	7.3	37.5	0	72	0	0	0
11/25/2019 4:00	2.3	0	232	0	7.9	37.1	0	73	0	0	0
11/25/2019 5:00	1.5	0	306	0	6	37.8	0	73	0	0	0
11/25/2019 6:00	1.4	0	212	0	5.9	37.8	0	76	0	0	0
11/25/2019 7:00	0.4	0	189	0	4.5	34.8	0	84	0	0	0
11/25/2019 8:00	1.4	0	84	0	6.3	34.3	0	84	0	0	0
11/25/2019 9:00	0.4	0	101	0	3.2	33.8	0	87	0	0	0
11/25/2019 10:00	1	0	29	0	6.6	40.4	0	72	0	0	0
11/25/2019 11:00	4.1	0	335	0	3.8	46.5	0	61	0	0	0
11/25/2019 12:00	7	0	315	0	2.2	50.4	0	53	0	0	0
11/25/2019 13:00	3.7	0	286	0	4	52.8	0	48	0	0	0
11/25/2019 14:00	4.7	0	219	0	3.5	55	0	43	0	0	0
11/25/2019 15:00	5.4	0	210	0	3	56.6	0	39	0	0	0
11/25/2019 16:00	5.7	0	199	0	2.7	56.8	0	38	0	0	0
11/25/2019 17:00	4.4	0	190	0	2.8	56	0	40	0	0	0
11/25/2019 18:00	2.9	0	176	0	2.8	53.8	0	44	0	0	0
11/25/2019 19:00	1.9	0	172	0	2.1	51.3	0	49	0	0	0
11/25/2019 20:00	1.6	0	170	0	1.7	49.7	0	53	0	0	0
11/25/2019 21:00	0.8	0	158	0	1.6	48	0	58	0	0	0
11/25/2019 22:00	0.3	0	159	0	0.9	46.2	0	63	0	0	0
11/25/2019 23:00	0.1	0	145	0	1.4	43.2	0	72	0	0	0
11/26/2019 0:00	0.1	0	109	0	2	40.2	0	80	0	0	0
11/26/2019 1:00	1.7	0	140	0	1.5	42.6	0	72	0	0	0
11/26/2019 2:00	0.7	0	131	0	7.3	43	0	71	0	0	0
11/26/2019 3:00	0.5	0	2	0	2.5	39.6	0	79	0	0	0
11/26/2019 4:00	1.1	0	75	0	4.5	36.4	0	86	0	0	0
11/26/2019 5:00	1	0	15	0	4.1	35.1	0	89	0	0	0
11/26/2019 6:00	1.1	0	29	0	1.9	33.6	0	92	0	0	0
11/26/2019 7:00	0.5	0	53	0	4.8	31.6	0	96	0	0	0

11/26/2019 8:00	1.4	0	33	0	3.3	31.7	0	96	0	0	0
11/26/2019 9:00	1.1	0	36	0	2.2	31.8	0	96	0	0	0
11/26/2019 10:00	0.5	0	159	0	4.7	39.6	0	83	0	0	0
11/26/2019 11:00	1.8	0	164	0	3.1	47.2	0	68	0	0	0
11/26/2019 12:00	1.5	0	207	0	6.7	52.8	0	58	0	0	0
11/26/2019 13:00	2.8	0	189	0	4.6	57.1	0	50	0	0	0
11/26/2019 14:00	2.2	0	207	0	3.5	60.4	0	43	0	0	0
11/26/2019 15:00	2.5	0	193	0	4.9	62.2	0	38	0	0	0
11/26/2019 16:00	2.7	0	163	0	3.9	63	0	37	0	0	0
11/26/2019 17:00	2.6	0	160	0	2.9	61	0	41	0	0	0
11/26/2019 18:00	2.1	0	159	0	2	58	0	47	0	0	0
11/26/2019 19:00	0.7	0	146	0	1.7	56.2	0	50	0	0	0
11/26/2019 20:00	1.1	0	108	0	3.7	53.6	0	57	0	0	0
11/26/2019 21:00	1.1	0	89	0	4.3	51.9	0	61	0	0	0
11/26/2019 22:00	1.2	0	81	0	4.6	49.3	0	68	0	0	0
11/26/2019 23:00	1.1	0	125	0	2.7	48.3	0	71	0	0	0
11/27/2019 0:00	0.5	0	43	0	2.9	45.9	0	77	0	0	0
11/27/2019 1:00	0.6	0	56	0	3.6	42.8	0	84	0	0	0
11/27/2019 2:00	0.3	0	88	0	4.2	41.6	0	88	0	0	0
11/27/2019 3:00	0.3	0	50	0	1.4	39.8	0	91	0	0	0
11/27/2019 4:00	0.5	0	120	0	3.6	39.4	0	92	0	0	0
11/27/2019 5:00	0.5	0	142	0	3.7	42.5	0	89	0	0	0
11/27/2019 6:00	1.8	0	132	0	2.7	44.8	0	86	0	0	0
11/27/2019 7:00	2.4	0	151	0	2.3	46.6	0	83	0	0	0
11/27/2019 8:00	2.1	0	148	0	2.2	47.6	0	83	0	0	0
11/27/2019 9:00	2.3	0	158	0	2.6	47.1	0	90	0	0	0
11/27/2019 10:00	4.4	0	180	0	2.5	49.5	0	85	0	0	0
11/27/2019 11:00	5.4	0	191	0	2.6	50.6	0	82	0	0	0
11/27/2019 12:00	6.9	0	192	0	2.6	51.8	0	77	0	0	0
11/27/2019 13:00	8.5	0	199	0	2.3	53	0	73	0	0	0
11/27/2019 14:00	9.8	0	201	0	2.2	54.6	0	73	0	0	0
11/27/2019 15:00	11.5	0	205	0	1.9	55.4	0	76	0	0	0

11/27/2019 16:00	11.3	0	210	0	2.1	56.2	0	77	0	0	0
11/27/2019 17:00	11.8	0	208	0	1.9	56.6	0	79	0	0	0
11/27/2019 18:00	9.5	0	209	0	2.2	56.2	0	81	0	0	0
11/27/2019 19:00	9.4	0	212	0	2	55.9	0	82	0	0	0
11/27/2019 20:00	8	0	233	0	2.5	55.9	0	83	0	0	0
11/27/2019 21:00	7.2	0	251	0	2.5	55.3	0	85	0	0	0
11/27/2019 22:00	10.2	0	278	0	2.5	55.4	0	67	0	0	0
11/27/2019 23:00	16.8	0	310	0	1.3	56.7	0	35	0	0	0
11/28/2019 0:00	17.3	0	314	0	1.3	53.4	0	38	0	0	0
11/28/2019 1:00	18.8	0	312	0	1.4	51.4	0	39	0	0	0
11/28/2019 2:00	12.7	0	318	0	1.5	49.5	0	42	0	0	0
11/28/2019 3:00	15.2	0	307	0	1.5	48.7	0	42	0	0	0
11/28/2019 4:00	17.2	0	312	0	1.4	48	0	44	0	0	0
11/28/2019 5:00	13.4	0	322	0	1.7	46.8	0	46	0	0	0
11/28/2019 6:00	15.8	0	328	0	1.2	45.5	0	50	0	0	0
11/28/2019 7:00	17.4	0	331	0	1.8	43.8	0	50	0	0	0
11/28/2019 8:00	12.5	0	332	0	1.3	42.6	0	53	0	0	0
11/28/2019 9:00	18.6	0	320	0	1.1	42.5	0	56	0	0	0
11/28/2019 10:00	19.8	0	323	0	1.2	43.3	0	54	0	0	0
11/28/2019 11:00	20.3	0	328	0	1.4	43.8	0	52	0	0	0
11/28/2019 12:00	16.8	0	324	0	1.4	44.7	0	52	0	0	0
11/28/2019 13:00	17.1	0	325	0	1.4	45.5	0	51	0	0	0
11/28/2019 14:00	16.1	0	318	0	1.3	46.1	0	51	0	0	0
11/28/2019 15:00	15.3	0	319	0	1.4	45.2	0	53	0	0	0
11/28/2019 16:00	13.2	0	324	0	1.3	45.1	0	53	0	0	0
11/28/2019 17:00	14.6	0	327	0	1.3	45.9	0	52	0	0	0
11/28/2019 18:00	12	0	320	0	1.3	44.4	0	55	0	0	0
11/28/2019 19:00	12.1	0	326	0	1.1	43	0	57	0	0	0
11/28/2019 20:00	11.3	0	330	0	1.2	42.7	0	59	0	0	0
11/28/2019 21:00	9.1	0	331	0	1.2	42.1	0	61	0	0	0
11/28/2019 22:00	8.4	0	343	0	1.7	41.7	0	63	0	0	0
11/28/2019 23:00	8.2	0	339	0	1.4	41	0	65	0	0	0

11/29/2019 0:00	6.8	0	342	0	1.8	40.3	0	66	0	0	0
11/29/2019 1:00	7.5	0	341	0	1.5	39.8	0	66	0	0	0
11/29/2019 2:00	7.5	0	342	0	1.5	38.9	0	66	0	0	0
11/29/2019 3:00	7.1	0	334	0	1.2	38	0	67	0	0	0
11/29/2019 4:00	4.9	0	340	0	1.7	37.3	0	67	0	0	0
11/29/2019 5:00	4.4	0	339	0	1.3	36.3	0	69	0	0	0
11/29/2019 6:00	3.8	0	345	0	1.4	35.8	0	70	0	0	0
11/29/2019 7:00	3.5	0	345	0	1.3	34.7	0	72	0	0	0
11/29/2019 8:00	4.1	0	336	0	1.3	34.6	0	73	0	0	0
11/29/2019 9:00	5.4	0	333	0	0.9	35	0	73	0	0	0
11/29/2019 10:00	6.5	0	340	0	1.8	37.1	0	67	0	0	0
11/29/2019 11:00	7.6	0	343	0	2.3	40	0	58	0	0	0
11/29/2019 12:00	7.8	0	348	0	2.4	42.3	0	52	0	0	0
11/29/2019 13:00	7.2	0	353	0	2.5	43.3	0	48	0	0	0
11/29/2019 14:00	6.3	0	354	0	2.8	45.1	0	46	0	0	0
11/29/2019 15:00	6.7	0	341	0	2.3	46.7	0	42	0	0	0
11/29/2019 16:00	5.8	0	346	0	2.6	47.5	0	39	0	0	0
11/29/2019 17:00	5.5	0	344	0	1.7	46.9	0	39	0	0	0
11/29/2019 18:00	4.4	0	341	0	1.8	46.1	0	43	0	0	0
11/29/2019 19:00	3.7	0	347	0	2.2	44.9	0	46	0	0	0
11/29/2019 20:00	3.1	0	4	0	2.2	43.4	0	49	0	0	0
11/29/2019 21:00	2.7	0	19	0	2.7	41.1	0	53	0	0	0
11/29/2019 22:00	1.5	0	32	0	2.7	39.4	0	58	0	0	0
11/29/2019 23:00	2.2	0	24	0	2.7	39	0	57	0	0	0
11/30/2019 0:00	2.7	0	2	0	2.4	38.6	0	57	0	0	0
11/30/2019 1:00	3	0	4	0	2.3	38.6	0	57	0	0	0
11/30/2019 2:00	2.9	0	8	0	2.3	38.2	0	57	0	0	0
11/30/2019 3:00	2.7	0	358	0	2.4	37.7	0	59	0	0	0
11/30/2019 4:00	1.7	0	339	0	1.9	37.1	0	60	0	0	0
11/30/2019 5:00	2.4	0	333	0	1.3	37	0	62	0	0	0
11/30/2019 6:00	2.7	0	355	0	2.2	37	0	63	0	0	0
11/30/2019 7:00	2.5	0	26	0	2.8	36.5	0	64	0	0	0

11/30/2019 8:00	2.6	0	16	0	2.9	36.3	0	62	0	0	0
11/30/2019 9:00	1.5	0	353	0	2.8	36	0	64	0	0	0
11/30/2019 10:00	3	0	8	0	2.4	36.7	0	62	0	0	0
11/30/2019 11:00	3.5	0	31	0	2.8	37.9	0	59	0	0	0
11/30/2019 12:00	2.9	0	30	0	3.5	39.5	0	55	0	0	0
11/30/2019 13:00	2.1	0	48	0	5	40.7	0	49	0	0	0
11/30/2019 14:00	1.7	0	156	0	9.6	41.6	0	45	0	0	0
11/30/2019 15:00	2.1	0	354	0	5	42	0	45	0	0	0
11/30/2019 16:00	1.5	0	8	0	4.2	42.5	0	43	0	0	0
11/30/2019 17:00	1.2	0	55	0	6.3	42.7	0	43	0	0	0
11/30/2019 18:00	1	0	80	0	3.6	42.2	0	44	0	0	0
11/30/2019 19:00	1.3	0	83	0	2.9	41.8	0	45	0	0	0
11/30/2019 20:00	1.1	0	67	0	4.6	41.5	0	47	0	0	0
11/30/2019 21:00	1.9	0	104	0	2.1	41.4	0	48	0	0	0
11/30/2019 22:00	2.2	0	111	0	1.7	41	0	48	0	0	0
11/30/2019 23:00	2.6	0	134	0	2	40.7	0	47	0	0	0