



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-20

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 9.798	2943 E	3061 NNW	2996 SE	2997 N	Min : 38.66 Max : 86.36	Min : 27.00 Max : 86.40	Min : 30.05 Max : 30.36

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³	PM2.5 : 35 µg/m ³	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	23.0	373.9	7.9	53.6	0.011	0.103
2996	14.9	85.2	7.6	13.9	0.027	0.138
2997	14.2	39.5	9.8	31.6	0.003	0.031
3061	10.2	17.2	5.8	8.8	0.001	0.007



Figure 1 : Monitoring Locations

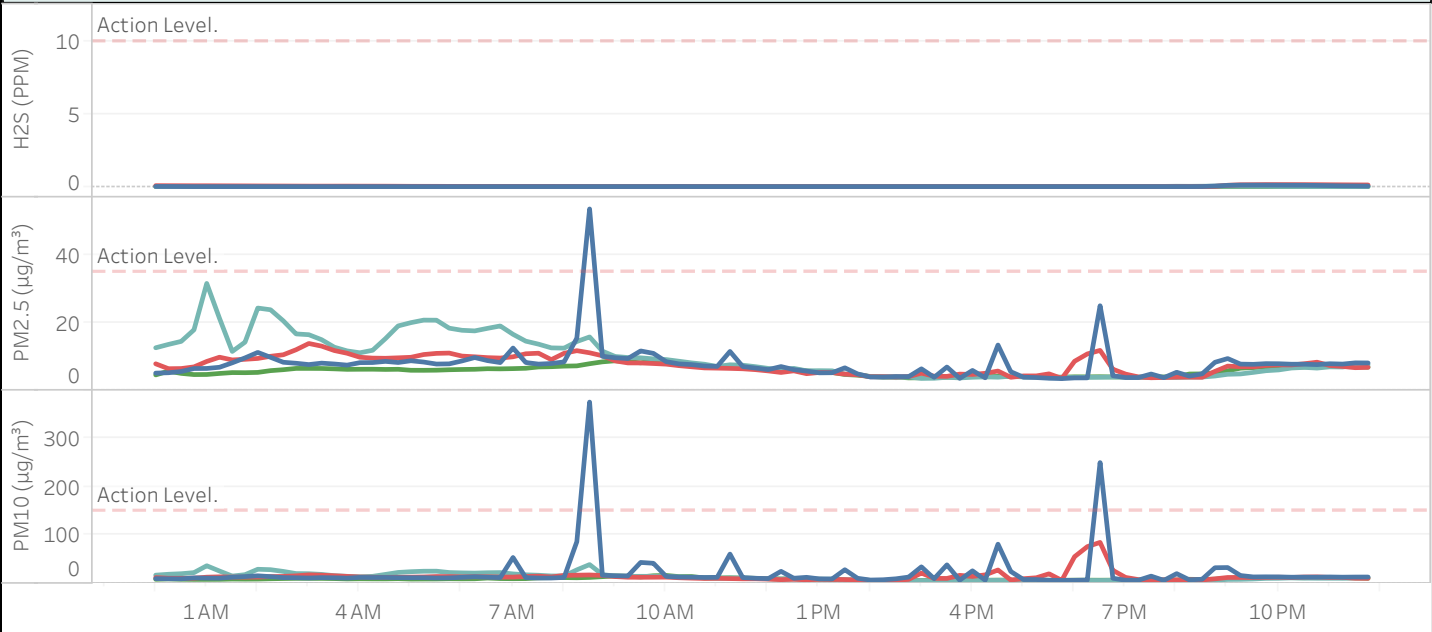


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

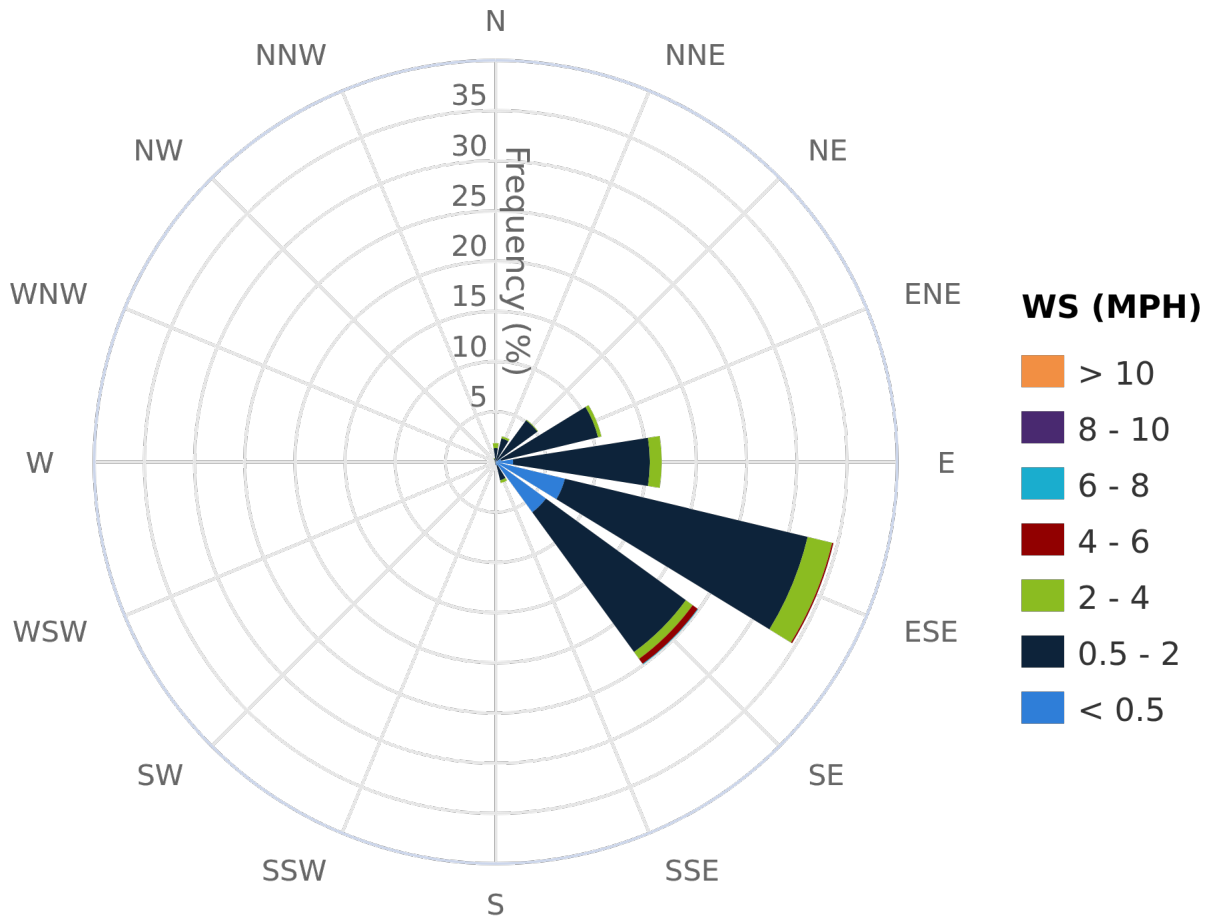


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

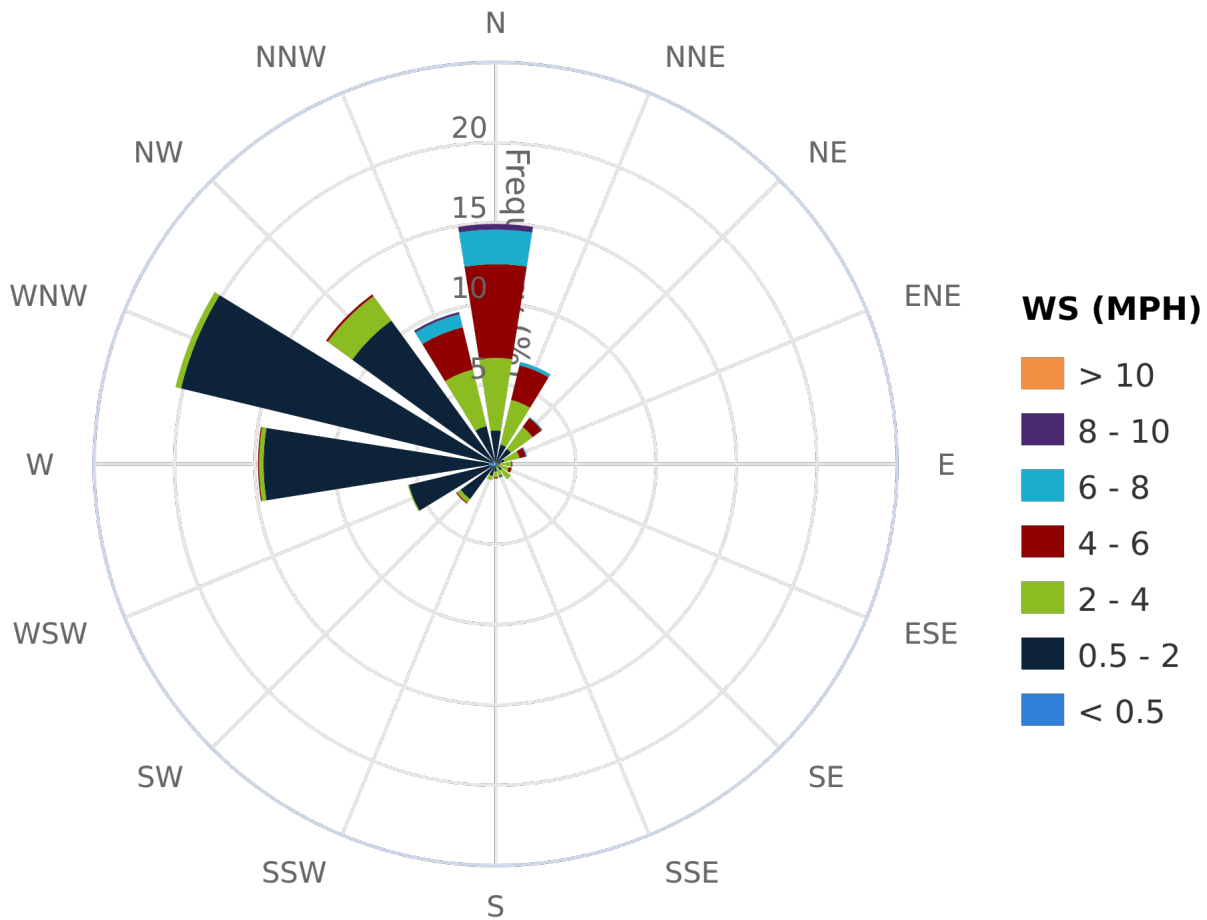


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996



Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

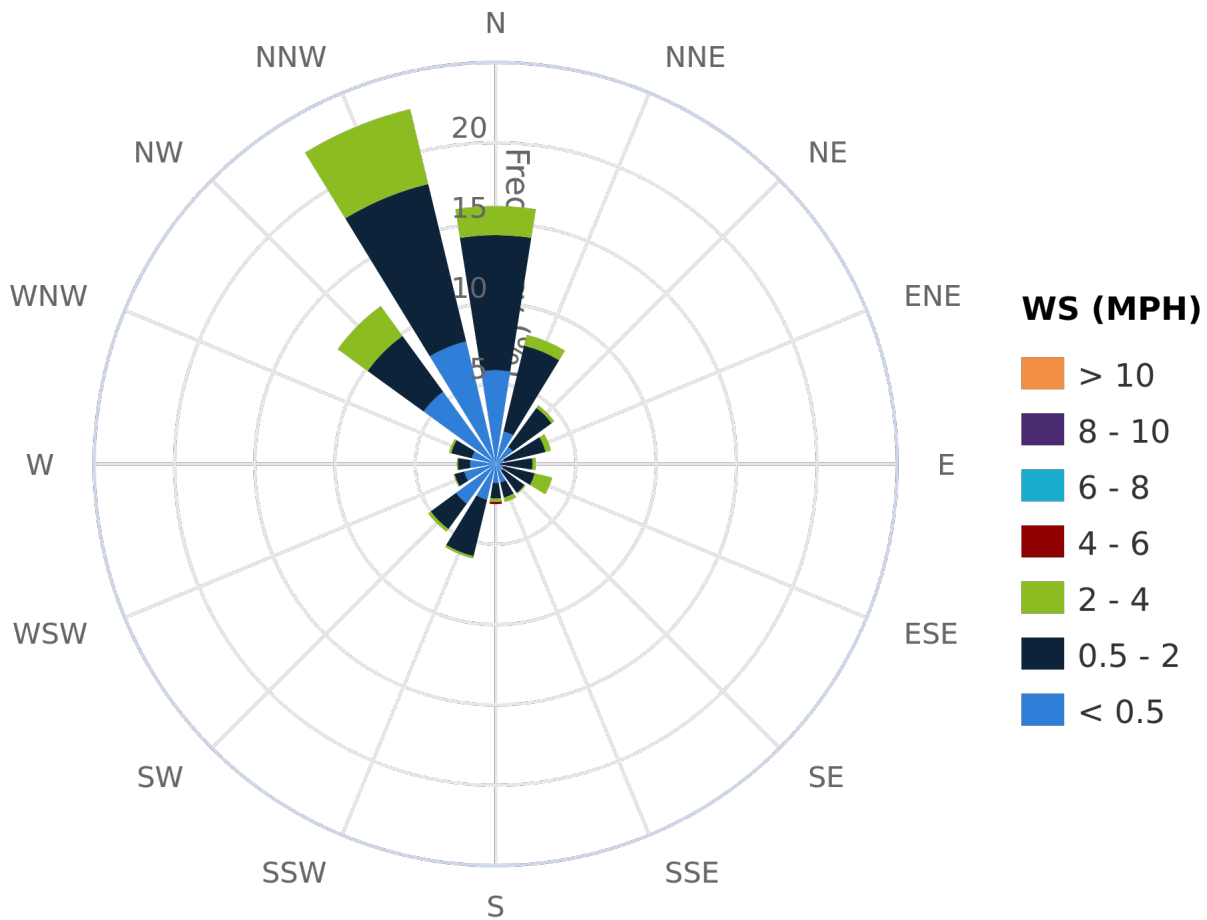


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	10.6	9.2	17.7	12.7	5.2	4.6	7.9	12.6	0.011	0.000	0.065	0.000
00:15:00	10.3	10.0	19.6	11.3	5.3	5.8	6.5	13.6	0.009	0.000	0.062	0.000
00:30:00	10.2	9.3	20.7	11.3	5.7	5.1	6.5	14.5	0.005	0.000	0.060	0.000
00:45:00	12.1	9.0	23.0	11.6	6.5	4.7	7.0	17.9	0.000	0.000	0.057	0.000
01:00:00	11.7	9.0	37.1	13.6	6.5	4.8	8.6	31.6	0.000	0.000	0.056	0.000
01:15:00	11.5	9.1	26.2	14.2	6.9	5.1	9.9	21.3	0.000	0.000	0.054	0.000
01:30:00	13.5	9.7	15.9	13.7	8.2	5.3	9.1	11.6	0.000	0.000	0.050	0.000
01:45:00	14.8	9.5	18.7	13.6	9.7	5.3	9.2	14.3	0.000	0.000	0.048	0.000
02:00:00	16.4	9.7	29.9	13.8	11.3	5.4	9.5	24.4	0.000	0.000	0.044	0.000
02:15:00	14.7	10.3	29.0	14.8	9.8	5.9	10.1	23.9	0.000	0.000	0.041	0.000
02:30:00	12.7	10.8	25.4	15.1	8.4	6.2	10.6	20.6	0.000	0.000	0.039	0.000
02:45:00	12.4	11.2	21.0	16.3	8.1	6.6	12.1	16.7	0.000	0.000	0.036	0.000
03:00:00	11.9	11.1	20.7	18.3	7.7	6.6	13.9	16.5	0.000	0.000	0.033	0.000
03:15:00	12.6	11.0	19.3	17.7	8.1	6.5	13.1	15.0	0.000	0.000	0.032	0.000
03:30:00	12.3	10.7	16.7	16.5	7.9	6.4	11.8	12.8	0.000	0.000	0.033	0.000
03:45:00	11.7	9.9	15.4	15.2	7.5	6.3	11.0	11.7	0.000	0.000	0.033	0.000
04:00:00	13.1	10.3	14.5	13.9	8.3	6.3	9.9	11.2	0.000	0.000	0.031	0.000
04:15:00	12.9	10.1	15.3	13.4	8.3	6.3	9.6	11.9	0.000	0.000	0.030	0.000
04:30:00	13.0	10.0	19.2	13.2	8.6	6.3	9.6	15.3	0.000	0.000	0.028	0.000
04:45:00	12.5	10.5	23.3	13.4	8.3	6.3	9.7	19.1	0.000	0.000	0.025	0.000
05:00:00	12.5	9.7	24.8	13.6	8.8	6.0	9.8	20.1	0.000	0.000	0.021	0.000
05:15:00	12.5	9.8	25.8	14.0	8.4	6.0	10.7	20.8	0.000	0.000	0.019	0.000
05:30:00	11.9	9.9	25.9	14.9	7.8	6.0	11.0	20.8	0.000	0.000	0.019	0.000
05:45:00	12.1	10.3	23.1	14.8	7.9	6.2	11.1	18.4	0.000	0.000	0.016	0.000
06:00:00	13.3	10.1	22.4	14.1	8.8	6.2	10.2	17.8	0.000	0.000	0.015	0.000
06:15:00	14.5	10.3	22.0	14.4	9.8	6.3	10.0	17.6	0.000	0.000	0.015	0.000
06:30:00	13.4	11.8	22.7	14.3	8.9	6.5	9.7	18.4	0.000	0.000	0.010	0.000
06:45:00	12.8	10.7	23.0	13.8	8.3	6.4	9.6	19.1	0.000	0.000	0.010	0.000
07:00:00	54.1	10.4	20.3	13.7	12.6	6.5	10.0	16.6	0.000	0.000	0.010	0.000
07:15:00	12.5	10.6	18.4	15.1	8.3	6.6	10.9	14.6	0.000	0.000	0.011	0.000
07:30:00	11.8	12.2	17.6	15.6	7.8	7.0	11.0	13.7	0.000	0.000	0.011	0.000
07:45:00	11.8	12.6	16.1	14.0	8.0	7.1	9.1	12.6	0.000	0.000	0.011	0.000
08:00:00	13.0	12.7	16.1	17.2	8.5	7.2	11.0	12.5	0.000	0.000	0.008	0.000
08:15:00	86.6	12.3	28.6	17.7	15.5	7.3	11.8	14.5	0.000	0.000	0.006	0.000
08:30:00	373.9	13.0	39.5	18.1	53.6	7.9	11.2	15.8	0.000	0.000	0.001	0.000
08:45:00	17.6	14.6	19.0	17.1	10.1	8.5	10.3	11.7	0.000	0.000	0.000	0.000
09:00:00	16.5	16.2	15.7	14.8	9.7	8.8	8.8	10.1	0.000	0.000	0.000	0.000
09:15:00	16.1	15.5	15.3	13.4	9.5	8.5	8.2	9.8	0.000	0.000	0.000	0.000
09:30:00	43.9	14.1	15.4	13.3	11.7	8.2	8.2	9.7	0.000	0.000	0.000	0.000
09:45:00	42.2	16.5	15.4	13.5	11.0	8.8	8.0	9.4	0.000	0.000	0.001	0.000
10:00:00	15.1	17.2	15.0	13.6	8.6	8.7	7.8	9.2	0.001	0.000	0.004	0.000
10:15:00	13.7	14.7	14.0	12.4	7.9	8.0	7.4	8.7	0.005	0.000	0.006	0.000
10:30:00	13.6	14.8	13.1	11.6	7.7	7.7	7.0	8.2	0.001	0.000	0.003	0.000
10:45:00	13.0	11.9	12.3	10.9	7.3	7.0	6.7	7.8	0.000	0.000	0.000	0.000
11:00:00	13.3	12.0	11.4	11.2	7.2	7.2	6.6	7.1	0.000	0.000	0.000	0.004
11:15:00	61.1	12.3	12.0	10.6	11.6	7.2	6.6	7.6	0.000	0.000	0.000	0.002
11:30:00	12.7	11.8	11.6	10.2	7.1	7.2	6.4	7.5	0.000	0.000	0.000	0.000
11:45:00	11.3	11.2	11.2	10.2	6.7	6.8	6.2	7.1	0.000	0.000	0.000	0.000



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	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	10.6	10.4	10.4	9.6	6.2	6.3	5.8	6.6	0.000	0.000	0.000	0.000
12:15:00	25.6	9.8	9.6	8.5	7.1	6.1	5.4	6.2	0.000	0.000	0.000	0.000
12:30:00	11.4	10.3	10.1	9.2	6.2	6.3	5.8	6.6	0.000	0.000	0.000	0.000
12:45:00	13.3	9.7	9.3	8.2	5.8	5.8	5.0	5.9	0.000	0.000	0.000	0.000
13:00:00	10.1	9.2	9.5	9.2	5.3	5.6	5.4	5.9	0.000	0.000	0.000	0.000
13:15:00	9.9	8.8	9.5	8.9	5.3	5.4	5.3	5.9	0.000	0.000	0.000	0.000
13:30:00	28.9	7.8	8.0	8.6	6.7	4.8	4.9	4.9	0.000	0.000	0.000	0.000
13:45:00	11.3	7.7	8.0	7.7	4.9	4.6	4.7	4.8	0.000	0.000	0.000	0.000
14:00:00	7.7	7.0	7.1	7.0	4.0	4.2	4.1	4.2	0.000	0.000	0.000	0.000
14:15:00	8.3	6.8	6.8	7.0	4.0	4.0	4.1	4.1	0.000	0.000	0.000	0.000
14:30:00	10.2	6.9	6.5	7.3	4.2	4.0	4.0	3.8	0.000	0.000	0.000	0.000
14:45:00	13.8	6.5	6.7	9.0	4.1	3.8	4.2	4.0	0.000	0.000	0.000	0.000
15:00:00	34.9	6.8	6.4	22.0	6.4	3.8	5.2	3.6	0.000	0.000	0.000	0.000
15:15:00	10.5	6.8	6.5	11.2	3.9	3.9	4.3	3.7	0.000	0.000	0.000	0.000
15:30:00	38.9	7.1	6.8	11.0	7.0	4.0	4.2	3.9	0.000	0.000	0.000	0.000
15:45:00	7.3	7.0	6.7	17.3	3.6	4.0	4.9	3.8	0.000	0.000	0.000	0.000
16:00:00	26.7	7.3	6.9	15.1	6.0	4.2	4.8	3.9	0.000	0.000	0.000	0.000
16:15:00	7.4	7.2	7.1	18.3	3.8	4.1	5.1	4.1	0.000	0.000	0.000	0.000
16:30:00	81.5	7.6	7.0	28.4	13.5	4.2	5.8	4.0	0.000	0.000	0.000	0.000
16:45:00	25.4	7.3	7.3	7.7	5.6	4.2	3.9	4.3	0.000	0.000	0.000	0.000
17:00:00	8.6	7.3	7.2	10.4	4.0	4.1	4.3	4.1	0.000	0.000	0.000	0.000
17:15:00	8.7	7.6	7.1	12.4	3.9	4.1	4.4	4.1	0.000	0.000	0.000	0.000
17:30:00	7.2	7.3	6.8	20.5	3.7	4.0	5.0	3.8	0.000	0.000	0.000	0.000
17:45:00	6.9	7.3	6.9	6.9	3.5	4.0	3.6	3.9	0.000	0.000	0.000	0.000
18:00:00	7.1	7.4	6.9	55.7	3.8	4.1	8.7	3.9	0.000	0.000	0.000	0.000
18:15:00	7.6	7.4	6.8	76.4	3.8	4.1	10.8	3.9	0.000	0.000	0.000	0.000
18:30:00	249.4	7.3	6.8	85.2	25.1	4.1	11.9	3.9	0.000	0.000	0.000	0.000
18:45:00	11.4	7.5	7.1	27.7	4.4	4.0	6.3	4.0	0.000	0.000	0.000	0.000
19:00:00	7.2	7.2	7.2	13.0	3.9	4.0	4.9	4.0	0.000	0.000	0.000	0.000
19:15:00	7.3	7.3	7.2	8.6	3.9	4.0	4.0	3.9	0.000	0.000	0.000	0.000
19:30:00	15.7	7.3	6.9	7.1	4.9	4.1	3.8	3.8	0.000	0.000	0.000	0.000
19:45:00	7.0	7.5	8.4	8.1	3.8	4.0	3.9	4.0	0.000	0.000	0.000	0.015
20:00:00	20.8	7.6	7.0	8.1	5.4	4.1	4.0	3.9	0.000	0.000	0.000	0.024
20:15:00	8.0	9.3	7.1	8.5	4.3	4.9	4.0	4.0	0.000	0.001	0.000	0.020
20:30:00	9.3	8.9	7.4	7.9	5.0	4.9	3.9	4.0	0.005	0.003	0.000	0.027
20:45:00	33.0	9.4	7.5	10.1	8.4	5.2	5.7	4.3	0.040	0.004	0.017	0.031
21:00:00	33.4	10.9	8.9	13.0	9.5	5.9	7.2	4.8	0.086	0.007	0.093	0.028
21:15:00	17.0	12.2	9.1	13.0	7.8	6.6	7.1	4.9	0.103	0.007	0.125	0.028
21:30:00	14.1	12.4	9.8	12.9	7.8	6.8	7.0	5.4	0.103	0.006	0.131	0.027
21:45:00	14.3	13.2	11.1	13.1	8.0	7.0	7.4	5.9	0.101	0.005	0.138	0.024
22:00:00	14.1	13.0	11.3	13.4	7.9	7.1	7.6	6.1	0.097	0.006	0.137	0.010
22:15:00	13.5	12.5	12.1	13.0	7.8	6.9	7.6	6.7	0.093	0.004	0.137	0.007
22:30:00	13.6	12.4	11.6	13.9	7.8	7.0	7.9	6.9	0.092	0.004	0.135	0.002
22:45:00	13.6	13.1	11.4	14.2	7.7	7.2	8.4	6.7	0.080	0.003	0.132	0.000
23:00:00	14.0	13.0	11.4	13.1	7.9	7.2	7.4	7.0	0.068	0.002	0.126	0.000
23:15:00	13.6	12.5	11.3	13.2	7.8	7.1	7.1	7.0	0.052	0.002	0.121	0.000
23:30:00	13.8	12.1	11.9	11.4	8.2	7.0	6.8	7.5	0.047	0.001	0.116	0.000
23:45:00	13.9	11.3	12.8	11.2	8.2	6.9	6.9	7.6	0.035	0.000	0.112	0.000

