



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-04-13

**Table 1 : Weather Summary**

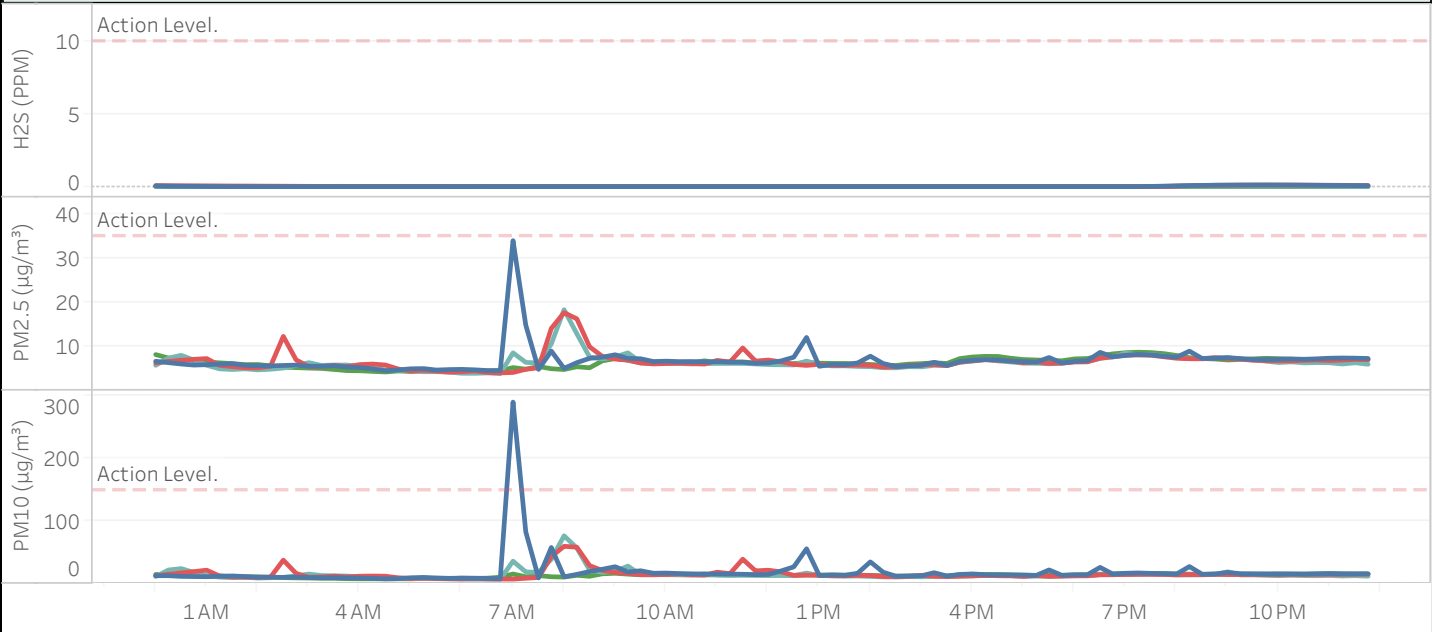
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 8.858	2943 SE	3061 NNW	2996 ESE	2997 NE	Min : 51.62 Max : 95.00	Min : 34.80 Max : 86.70	Min : 30.16 Max : 30.41

**Table 2 : Monitoring Summary**

Site Action Level :	PM10 : 150 µg/m <sup>3</sup>	PM2.5 : 35 µg/m <sup>3</sup>	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m <sup>3</sup> )	Max. PM10-15-min Avg (µg/m <sup>3</sup> )	Avg. PM2.5 Daily (µg/m <sup>3</sup> )	Max. PM2.5-15-min Avg (µg/m <sup>3</sup> )	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	19.2	290.2	6.9	33.9	0.016	0.108
2996	15.4	59.9	6.6	17.6	0.022	0.111
2997	14.8	76.6	6.4	18.3	0.006	0.044
3061	13.1	16.7	6.3	8.7	0.001	0.006



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

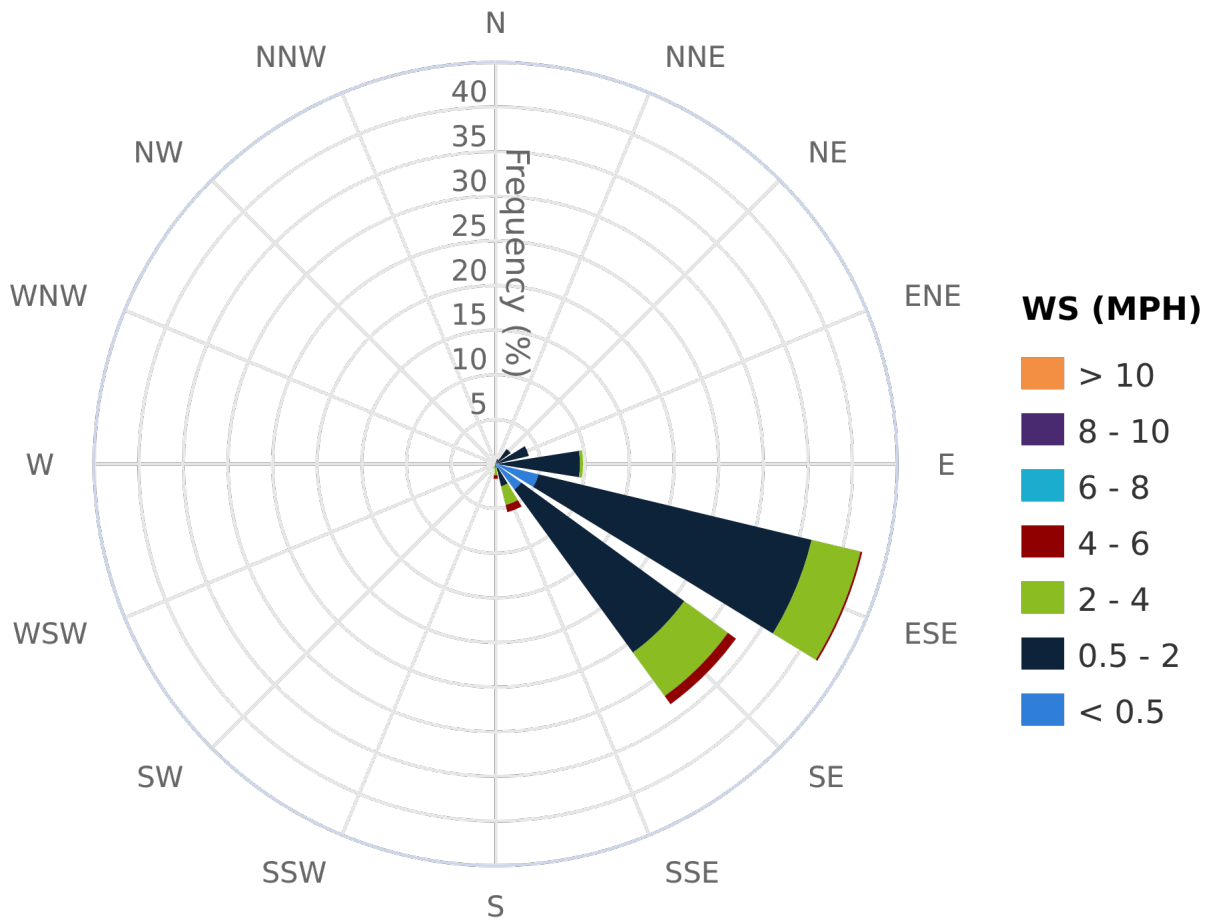


Figure 3 : Wind Rose Chart (WS in MPH)





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Wind Rose Chart 2996

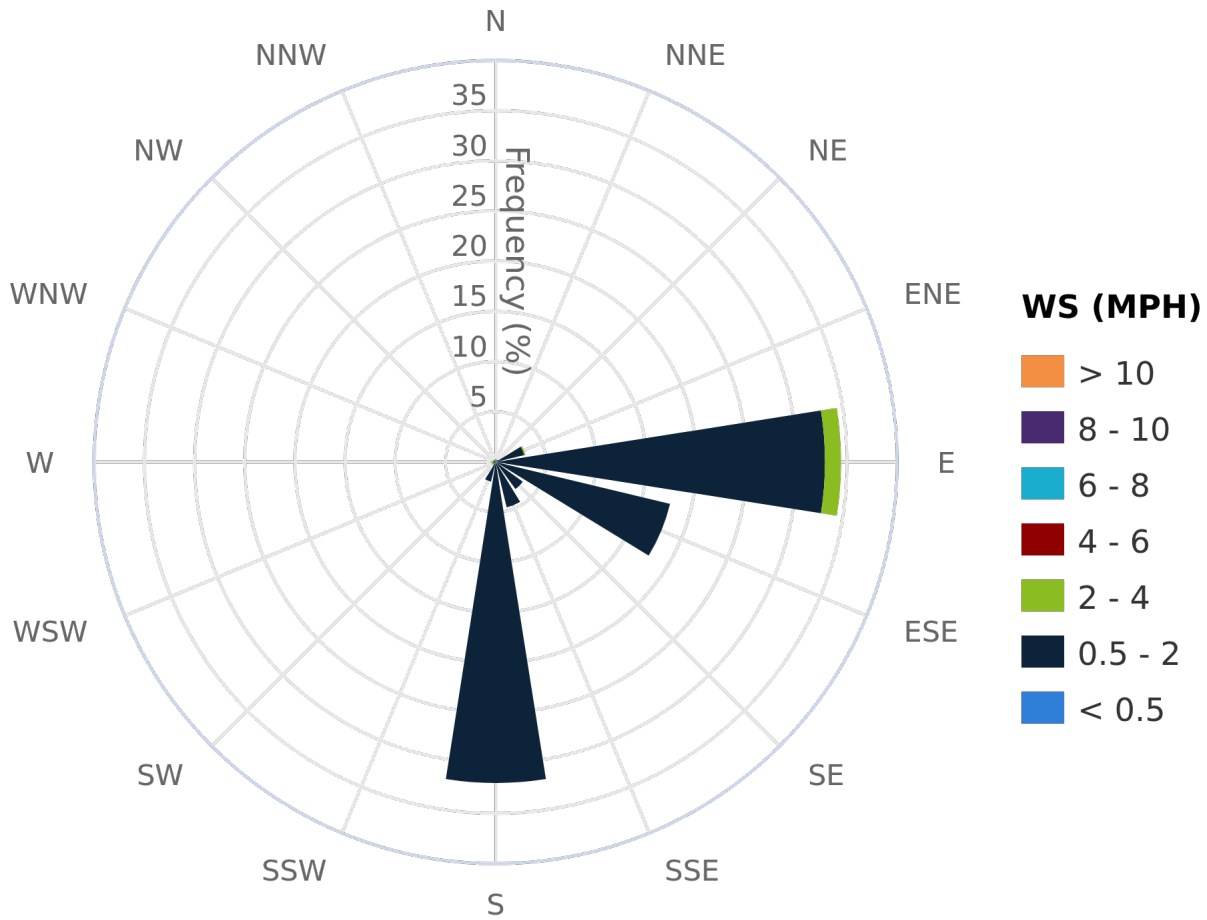


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

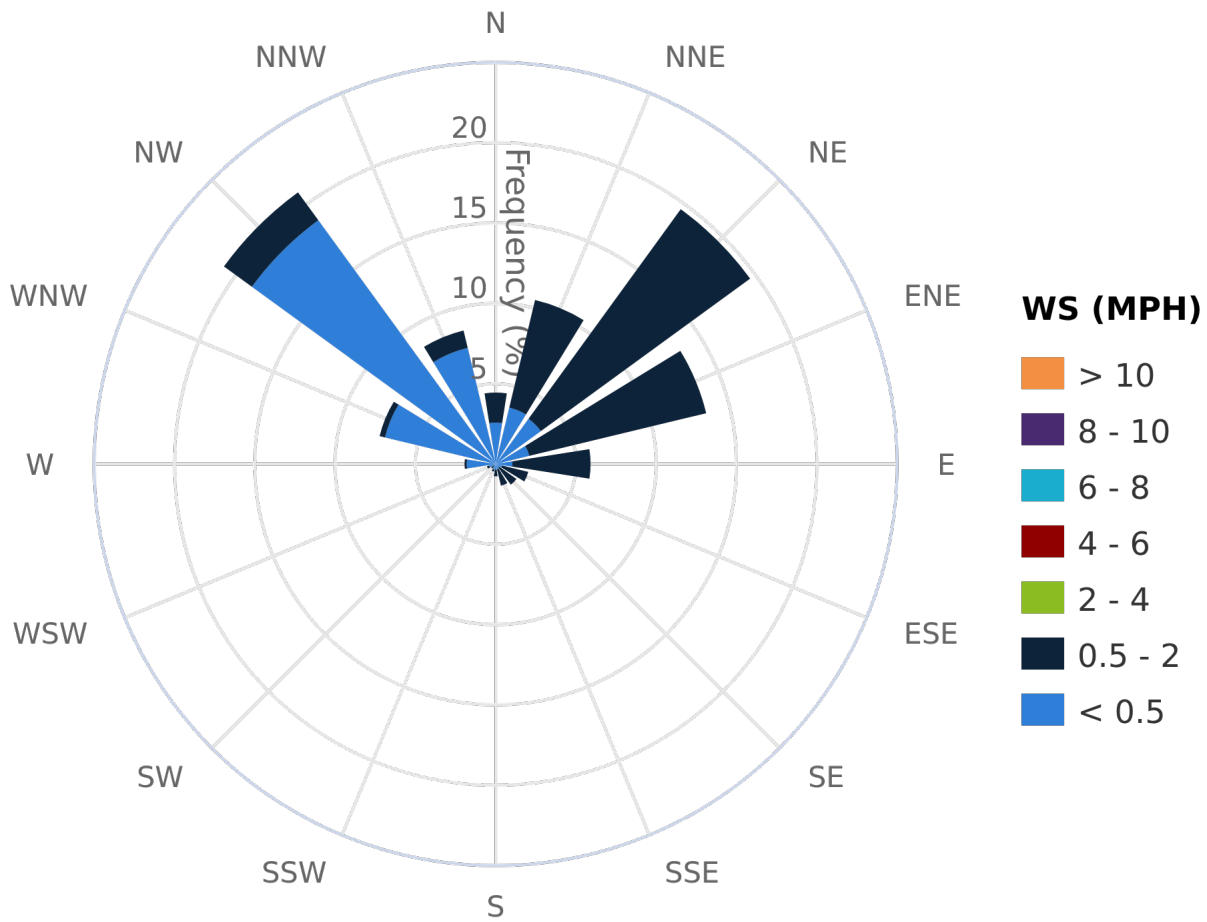


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-04-13

**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	12.9	14.9	11.6	12.8	6.6	8.2	6.3	5.7	0.045	0.000	0.073	0.004
00:15:00	12.9	14.2	22.0	15.2	6.3	7.4	6.6	7.3	0.027	0.000	0.068	0.000
00:30:00	11.8	13.8	24.3	17.3	6.0	7.1	6.8	8.0	0.021	0.000	0.061	0.000
00:45:00	11.5	13.3	18.1	19.5	5.8	6.8	7.1	6.9	0.017	0.000	0.057	0.000
01:00:00	11.3	12.3	13.1	21.7	5.9	6.4	7.2	5.7	0.006	0.000	0.052	0.000
01:15:00	12.0	12.4	10.6	12.5	6.0	6.3	5.7	4.9	0.001	0.000	0.047	0.000
01:30:00	12.5	11.6	9.7	10.9	6.1	6.1	5.4	4.8	0.000	0.000	0.041	0.000
01:45:00	11.6	10.9	10.4	10.5	5.7	5.9	5.2	4.9	0.000	0.000	0.038	0.000
02:00:00	10.5	11.0	9.1	10.2	5.6	5.9	5.1	4.7	0.000	0.000	0.034	0.000
02:15:00	10.5	10.2	9.7	10.6	5.6	5.6	5.5	4.8	0.000	0.000	0.030	0.000
02:30:00	10.2	9.8	10.3	37.8	5.7	5.3	12.3	5.1	0.000	0.000	0.026	0.000
02:45:00	10.7	9.4	12.8	16.6	5.8	5.2	7.0	5.7	0.000	0.000	0.022	0.000
03:00:00	9.9	9.1	15.5	10.4	5.5	5.1	5.4	6.3	0.000	0.000	0.018	0.000
03:15:00	9.6	8.7	13.1	10.9	5.5	5.0	5.4	5.7	0.000	0.000	0.015	0.000
03:30:00	9.8	8.7	12.7	12.3	5.6	4.8	5.7	5.8	0.000	0.000	0.018	0.000
03:45:00	9.4	8.1	12.3	10.9	5.3	4.5	5.5	5.8	0.000	0.000	0.017	0.000
04:00:00	9.0	7.9	11.3	12.1	5.2	4.5	5.9	5.3	0.000	0.000	0.013	0.000
04:15:00	8.7	7.9	10.5	12.4	4.9	4.4	6.0	5.1	0.000	0.000	0.013	0.000
04:30:00	8.0	7.7	9.1	12.1	4.5	4.2	5.8	4.7	0.000	0.000	0.011	0.000
04:45:00	8.1	8.0	8.9	9.5	4.7	4.4	4.9	4.6	0.000	0.000	0.009	0.000
05:00:00	9.6	7.9	8.7	8.4	4.9	4.3	4.4	4.4	0.000	0.000	0.008	0.000
05:15:00	10.1	8.5	8.2	9.0	5.0	4.5	4.6	4.3	0.000	0.000	0.007	0.000
05:30:00	9.3	8.4	8.1	8.4	4.7	4.5	4.4	4.3	0.000	0.000	0.007	0.000
05:45:00	8.7	8.4	7.7	8.1	4.8	4.4	4.2	4.2	0.000	0.000	0.005	0.000
06:00:00	9.1	8.9	7.4	7.9	4.8	4.5	4.3	3.9	0.000	0.000	0.002	0.000
06:15:00	9.0	8.5	7.2	8.6	4.7	4.4	4.5	3.9	0.000	0.000	0.001	0.000
06:30:00	8.5	9.0	7.5	7.7	4.5	4.5	4.1	4.0	0.000	0.000	0.001	0.000
06:45:00	8.3	10.4	7.2	7.5	4.5	4.5	4.0	3.9	0.000	0.000	0.000	0.000
07:00:00	290.2	15.6	36.1	7.5	33.9	5.2	4.1	8.5	0.000	0.000	0.000	0.000
07:15:00	82.8	11.1	18.8	8.8	14.8	4.8	4.8	6.4	0.000	0.000	0.000	0.000
07:30:00	9.4	13.0	18.4	10.1	4.8	5.5	5.2	6.2	0.000	0.000	0.000	0.000
07:45:00	57.9	11.2	39.1	43.4	8.9	5.0	14.1	10.6	0.000	0.000	0.000	0.000
08:00:00	11.1	10.7	76.6	59.9	5.0	4.8	17.6	18.3	0.000	0.000	0.000	0.000
08:15:00	15.0	13.5	57.1	58.4	6.3	5.4	16.2	12.9	0.000	0.000	0.000	0.000
08:30:00	19.4	12.0	21.9	29.0	7.3	5.2	9.9	7.6	0.000	0.000	0.000	0.000
08:45:00	23.2	15.9	18.3	21.2	7.6	6.7	7.7	7.2	0.000	0.000	0.000	0.000
09:00:00	27.2	16.7	19.8	18.1	8.1	7.2	7.1	7.6	0.000	0.000	0.000	0.000
09:15:00	19.0	15.4	28.3	16.4	7.3	6.9	6.9	8.6	0.000	0.000	0.000	0.000
09:30:00	20.8	14.3	14.5	14.5	7.2	6.3	6.2	6.4	0.000	0.000	0.000	0.000
09:45:00	16.8	14.6	14.8	14.3	6.6	6.3	6.0	6.3	0.000	0.000	0.000	0.000
10:00:00	17.1	14.6	14.4	14.8	6.7	6.3	6.1	6.2	0.000	0.000	0.000	0.000
10:15:00	16.3	14.4	14.3	15.5	6.6	6.3	6.2	6.1	0.000	0.000	0.000	0.000
10:30:00	15.9	14.4	13.9	14.4	6.6	6.3	6.1	6.0	0.000	0.000	0.000	0.000
10:45:00	15.6	15.6	13.9	13.9	6.5	6.7	6.0	6.1	0.000	0.000	0.000	0.001
11:00:00	15.5	14.2	14.0	18.5	6.5	6.3	6.8	6.1	0.000	0.000	0.000	0.002
11:15:00	15.5	13.9	13.4	16.2	6.4	6.4	6.5	6.2	0.000	0.000	0.000	0.001
11:30:00	15.2	14.4	13.6	39.3	6.4	6.5	9.7	6.1	0.000	0.000	0.000	0.000
11:45:00	14.5	14.2	13.3	20.6	6.2	6.2	6.7	6.0	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	14.8	13.9	13.2	21.7	6.3	6.1	6.9	5.9	0.000	0.000	0.000	0.000
12:15:00	20.5	13.9	13.2	19.0	6.7	6.1	6.5	5.8	0.000	0.000	0.000	0.000
12:30:00	27.0	13.4	13.1	13.5	7.6	6.1	5.9	5.8	0.000	0.000	0.000	0.000
12:45:00	55.9	14.3	17.1	13.7	12.0	6.3	5.7	6.7	0.000	0.000	0.000	0.000
13:00:00	13.1	14.1	13.3	13.6	5.5	6.2	6.0	5.9	0.000	0.000	0.000	0.000
13:15:00	14.2	14.0	12.5	12.8	6.0	6.1	5.7	5.6	0.000	0.000	0.000	0.000
13:30:00	13.7	13.7	12.2	12.7	5.9	6.1	5.7	5.6	0.000	0.000	0.000	0.000
13:45:00	16.7	13.8	12.4	13.4	6.3	6.0	5.8	5.5	0.000	0.000	0.000	0.000
14:00:00	35.0	13.4	11.7	13.3	7.8	5.9	5.7	5.4	0.000	0.000	0.000	0.000
14:15:00	18.5	12.8	11.0	11.4	6.1	5.8	5.3	5.2	0.000	0.000	0.000	0.000
14:30:00	12.1	12.2	10.7	11.6	5.4	5.7	5.4	5.2	0.000	0.000	0.000	0.000
14:45:00	12.5	12.3	11.5	11.8	5.6	6.0	5.7	5.4	0.000	0.000	0.000	0.000
15:00:00	12.8	12.8	11.1	13.4	5.7	6.1	5.8	5.4	0.000	0.000	0.000	0.000
15:15:00	17.7	12.9	11.7	12.1	6.4	6.3	5.9	5.7	0.000	0.000	0.000	0.000
15:30:00	12.4	12.6	11.4	11.5	5.7	6.1	5.7	5.7	0.000	0.000	0.000	0.000
15:45:00	15.0	14.1	12.2	12.1	6.6	7.2	6.4	6.4	0.000	0.000	0.000	0.000
16:00:00	15.7	15.2	12.4	12.8	6.9	7.6	6.8	6.7	0.000	0.000	0.000	0.000
16:15:00	14.6	14.6	13.8	13.1	7.0	7.8	7.0	7.1	0.000	0.000	0.000	0.000
16:30:00	14.2	14.8	12.8	12.9	6.9	7.7	6.8	6.7	0.000	0.000	0.000	0.000
16:45:00	14.1	14.3	12.6	12.8	6.7	7.3	6.7	6.5	0.000	0.000	0.000	0.000
17:00:00	14.0	13.6	11.7	11.8	6.6	7.0	6.3	6.2	0.000	0.000	0.000	0.000
17:15:00	13.4	13.5	12.2	13.4	6.4	6.9	6.5	6.2	0.000	0.000	0.000	0.000
17:30:00	22.1	13.7	11.7	11.8	7.5	6.8	6.2	6.1	0.000	0.000	0.000	0.000
17:45:00	13.6	13.3	12.8	12.0	6.3	6.7	6.2	6.2	0.000	0.000	0.000	0.000
18:00:00	14.4	14.3	13.2	12.5	6.6	7.2	6.5	6.5	0.000	0.000	0.000	0.000
18:15:00	14.4	14.5	12.6	12.8	6.8	7.3	6.5	6.5	0.000	0.000	0.000	0.000
18:30:00	26.2	15.3	14.6	14.3	8.6	7.9	7.3	7.3	0.000	0.000	0.000	0.000
18:45:00	15.5	15.8	14.3	14.6	7.6	8.3	7.7	7.6	0.000	0.000	0.000	0.000
19:00:00	16.8	16.6	15.4	14.7	8.0	8.6	8.0	8.5	0.000	0.000	0.000	0.000
19:15:00	17.3	16.7	14.9	15.1	8.2	8.7	8.1	8.1	0.000	0.001	0.000	0.003
19:30:00	16.6	16.5	15.5	15.0	8.1	8.6	8.0	8.1	0.014	0.003	0.000	0.011
19:45:00	16.4	16.1	14.8	14.8	7.8	8.4	7.6	7.8	0.033	0.004	0.005	0.020
20:00:00	15.6	15.7	14.2	14.2	7.6	7.9	7.3	7.5	0.053	0.004	0.030	0.027
20:15:00	27.5	15.3	14.0	14.7	8.9	7.5	7.2	7.2	0.070	0.004	0.061	0.034
20:30:00	15.2	14.9	14.3	14.5	7.3	7.3	7.2	7.3	0.084	0.006	0.078	0.039
20:45:00	15.6	15.6	14.7	15.0	7.3	7.1	7.5	7.4	0.096	0.006	0.090	0.041
21:00:00	18.1	14.9	19.1	14.7	7.4	6.9	7.2	7.5	0.101	0.006	0.098	0.041
21:15:00	16.1	15.3	13.9	14.7	7.3	7.1	7.1	7.0	0.105	0.006	0.105	0.042
21:30:00	15.9	15.5	14.1	14.7	7.0	7.2	6.8	7.1	0.106	0.006	0.110	0.044
21:45:00	15.6	15.6	13.4	14.8	7.0	7.3	6.8	6.7	0.108	0.005	0.111	0.042
22:00:00	15.7	15.7	12.9	14.7	7.1	7.2	6.7	6.4	0.104	0.005	0.110	0.039
22:15:00	15.9	15.3	13.5	14.9	7.1	7.1	6.7	6.5	0.101	0.004	0.108	0.036
22:30:00	15.6	15.3	13.0	14.7	7.1	6.9	6.9	6.3	0.096	0.004	0.105	0.033
22:45:00	16.0	15.7	12.8	14.9	7.2	7.1	6.9	6.3	0.089	0.004	0.099	0.029
23:00:00	16.3	16.2	13.3	15.0	7.3	7.2	6.8	6.3	0.080	0.003	0.094	0.021
23:15:00	15.9	15.9	12.4	15.0	7.4	7.2	6.9	6.0	0.073	0.003	0.088	0.018
23:30:00	15.9	15.6	12.9	15.2	7.3	7.1	7.1	6.3	0.066	0.001	0.083	0.012
23:45:00	16.0	15.4	12.1	15.3	7.3	7.1	7.0	6.0	0.061	0.001	0.074	0.008

