



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-04-23

**Table 1 : Weather Summary**

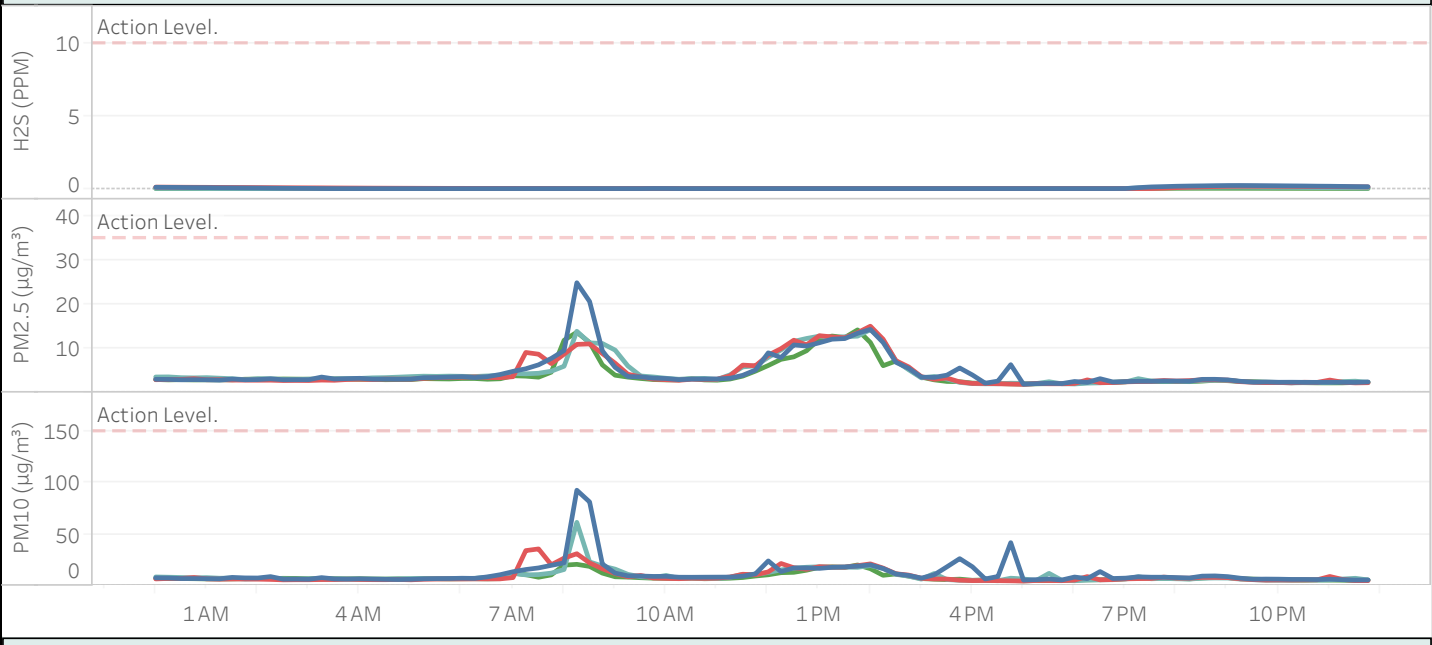
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.224 to 6.196	2943 SE	3061 NW	2996 SE	2997 NE	Min : 51.26 Max : 93.74	Min : 31.60 Max : 82.90	Min : 29.42 Max : 30.19

**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	11.9	92.5	4.6	24.8	0.040	0.213
2996	9.4	35.7	4.4	15.0	0.038	0.163
2997	9.4	61.5	4.4	14.2	0.015	0.101
3061	8.2	20.8	4.0	14.2	0.004	0.021



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

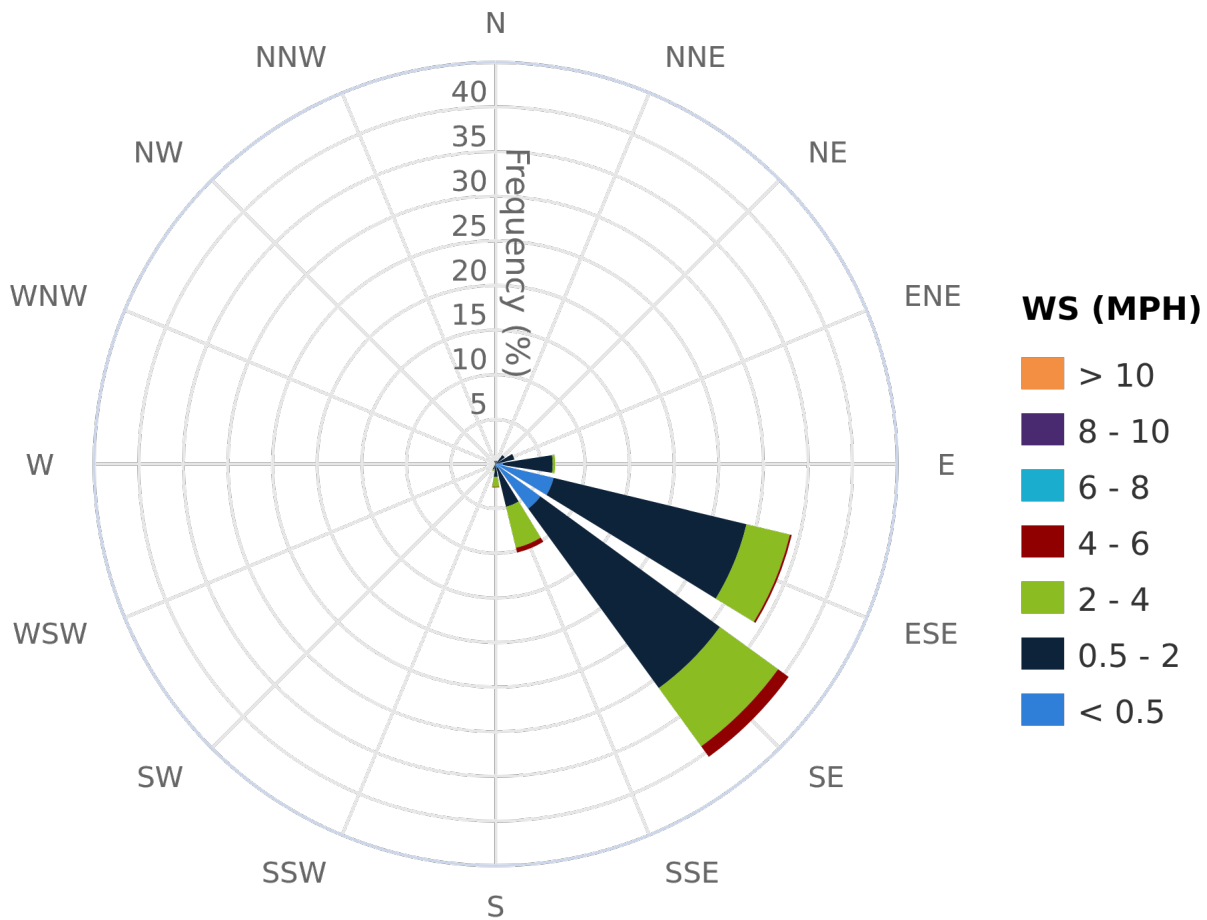


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

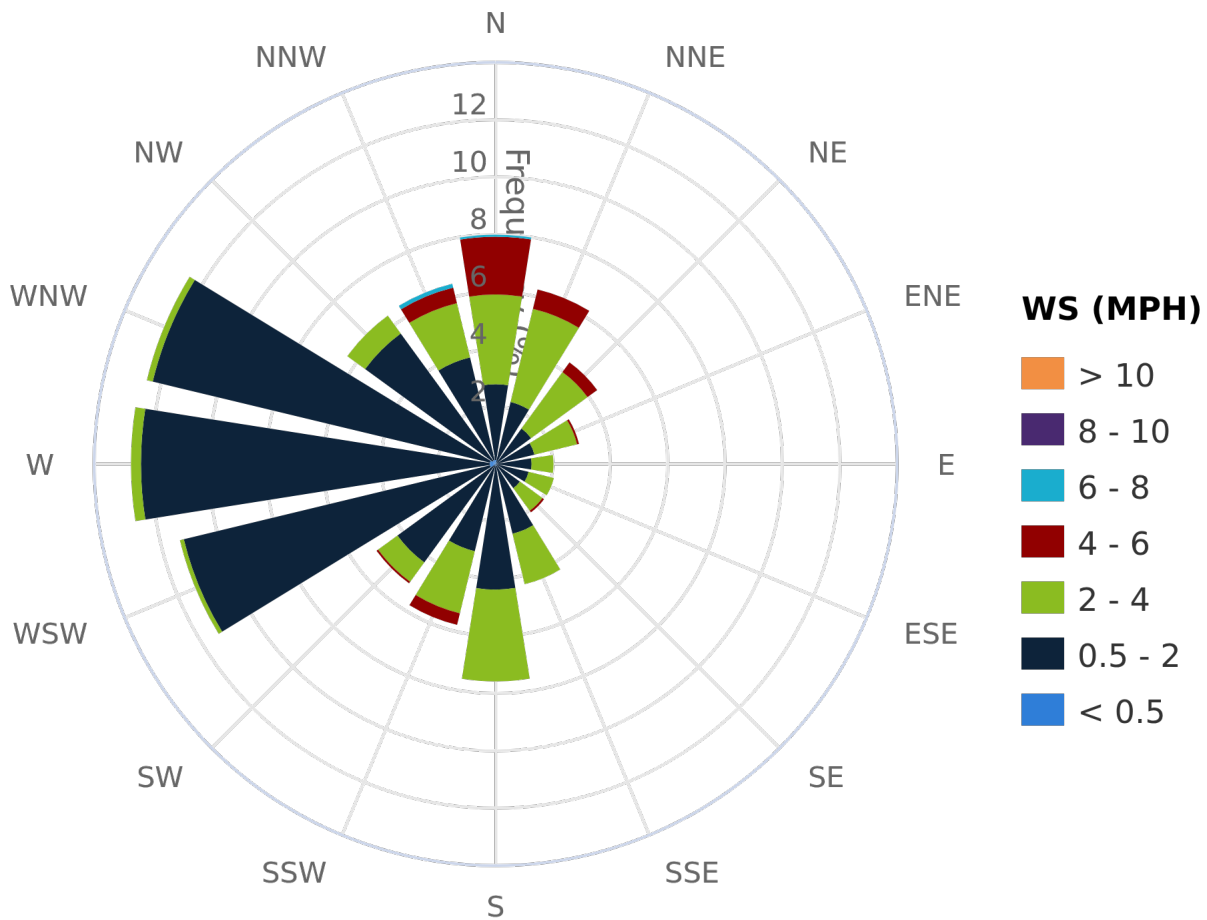


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

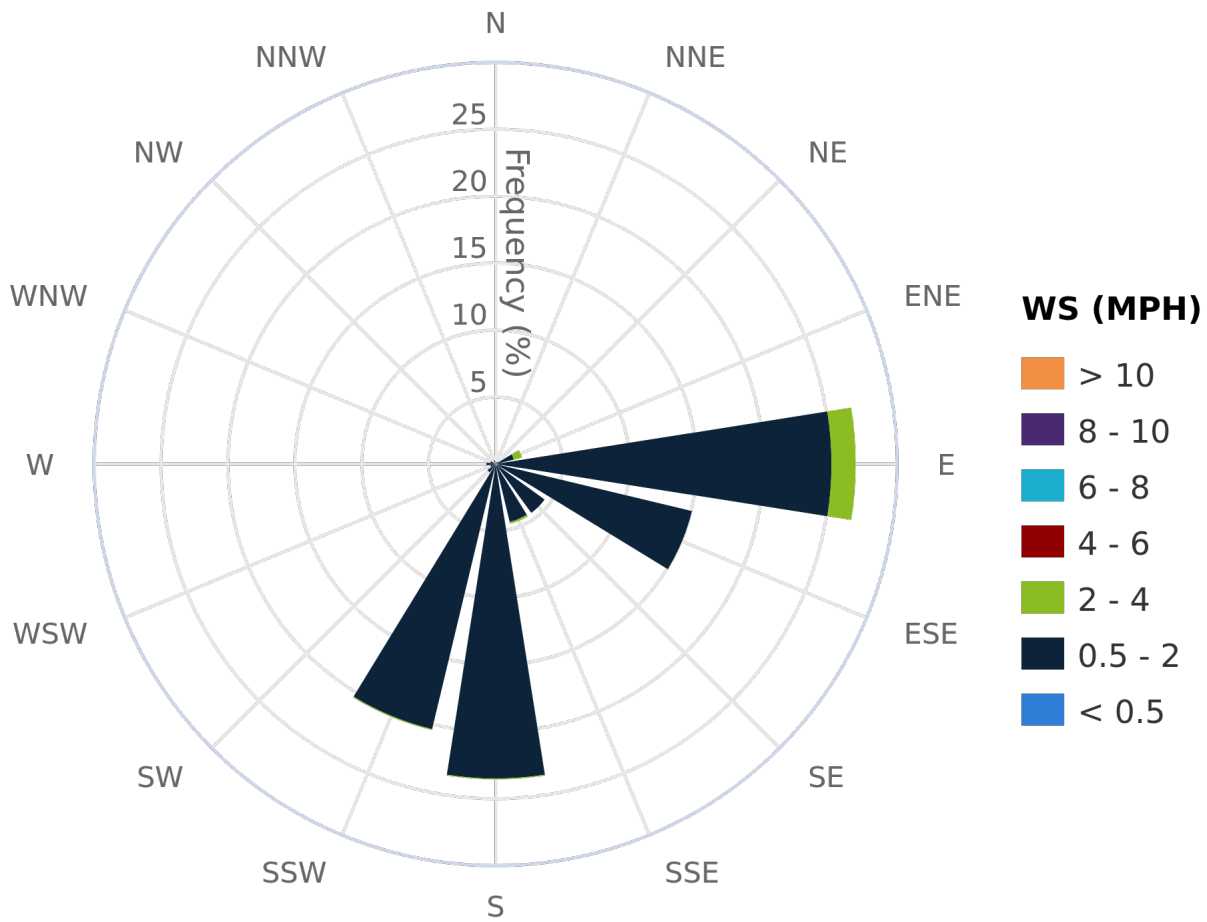


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

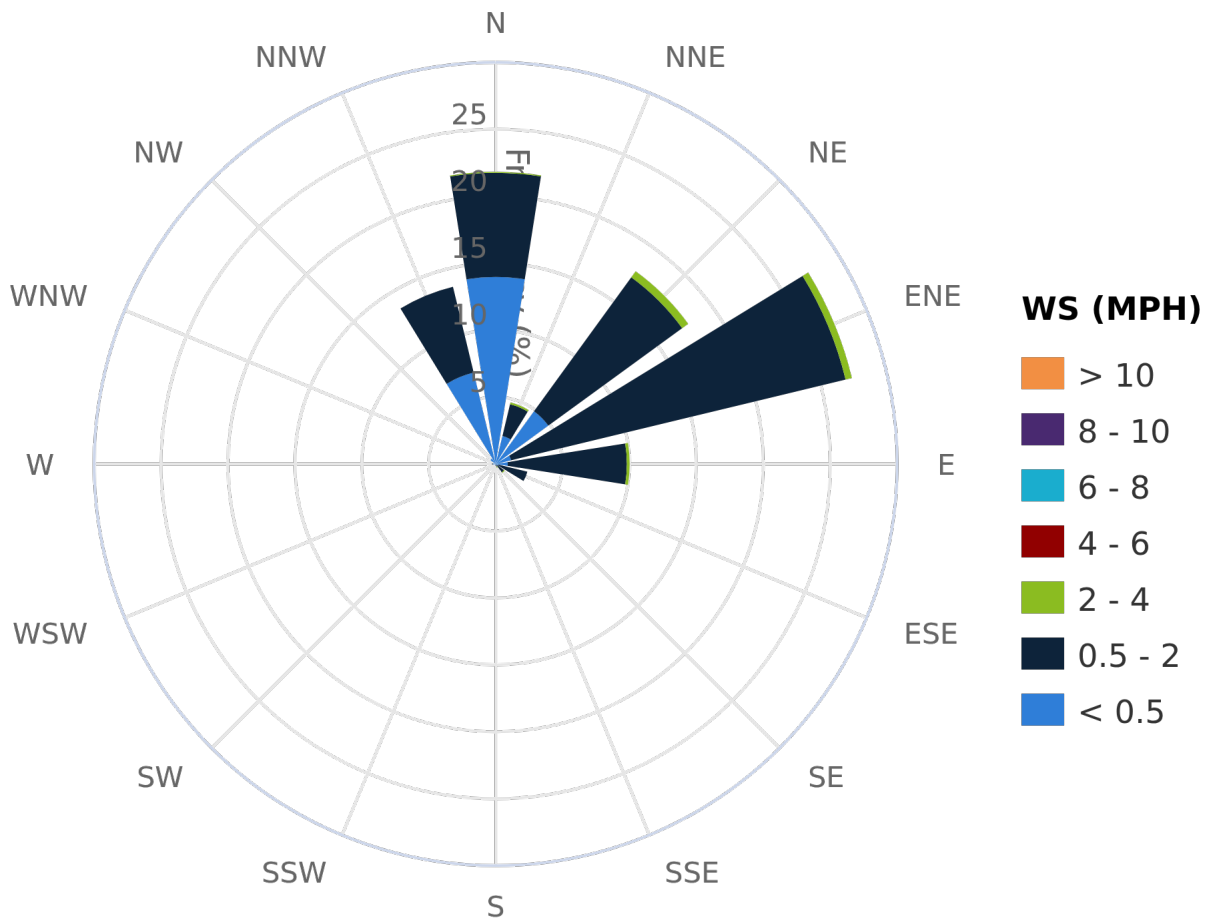


Figure 3 : Wind Rose Chart (WS in MPH)



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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	7.6	7.3	8.6	6.6	3.0	3.0	2.9	3.5	0.090	0.008	0.103	0.016
00:15:00	7.5	7.0	8.3	7.1	3.0	2.9	3.0	3.6	0.085	0.008	0.100	0.013
00:30:00	7.0	7.0	8.0	7.1	2.9	2.9	3.0	3.4	0.079	0.007	0.094	0.010
00:45:00	7.0	6.8	7.8	8.0	2.9	2.9	3.1	3.3	0.071	0.006	0.091	0.008
01:00:00	6.8	6.6	7.9	6.7	2.9	2.9	2.9	3.4	0.068	0.006	0.088	0.002
01:15:00	6.7	6.6	7.3	6.4	2.8	2.9	2.9	3.3	0.057	0.005	0.082	0.000
01:30:00	8.1	6.7	7.4	6.6	3.1	2.9	2.8	3.2	0.052	0.004	0.078	0.000
01:45:00	7.6	6.9	6.5	6.6	2.9	3.0	2.8	2.9	0.045	0.004	0.076	0.000
02:00:00	7.5	6.9	6.8	6.4	3.0	3.1	2.8	3.1	0.040	0.003	0.070	0.000
02:15:00	8.9	7.0	7.0	6.1	3.1	3.0	2.8	3.1	0.031	0.002	0.066	0.000
02:30:00	6.4	7.2	6.6	5.7	2.9	3.1	2.7	3.0	0.024	0.003	0.060	0.000
02:45:00	6.5	7.1	6.4	5.8	2.9	3.1	2.8	2.9	0.018	0.002	0.056	0.000
03:00:00	6.3	6.8	6.8	5.8	2.9	3.0	2.7	3.0	0.014	0.001	0.053	0.000
03:15:00	7.9	7.1	6.2	6.0	3.5	3.0	2.8	3.0	0.005	0.001	0.050	0.000
03:30:00	6.7	6.8	6.4	6.0	3.1	3.1	2.8	3.1	0.000	0.000	0.045	0.000
03:45:00	6.5	6.7	6.7	6.3	3.2	3.1	3.0	3.2	0.000	0.000	0.040	0.000
04:00:00	6.8	6.8	6.2	6.1	3.2	3.0	3.0	3.2	0.000	0.000	0.037	0.000
04:15:00	6.5	6.6	6.4	5.9	3.1	3.0	3.0	3.3	0.000	0.000	0.032	0.000
04:30:00	6.3	6.5	6.4	5.9	3.1	2.9	3.1	3.4	0.000	0.000	0.030	0.000
04:45:00	6.0	6.7	6.8	6.1	3.0	2.9	3.0	3.5	0.000	0.000	0.026	0.000
05:00:00	6.2	6.5	7.0	5.8	3.1	3.0	3.0	3.6	0.000	0.000	0.024	0.000
05:15:00	6.7	6.9	7.0	6.3	3.4	3.2	3.2	3.7	0.000	0.000	0.021	0.000
05:30:00	7.0	6.8	6.9	6.5	3.4	3.1	3.4	3.7	0.000	0.000	0.019	0.000
05:45:00	7.0	6.6	7.0	6.6	3.5	3.1	3.4	3.7	0.000	0.000	0.017	0.000
06:00:00	7.3	6.8	6.9	6.6	3.6	3.2	3.5	3.7	0.000	0.000	0.017	0.000
06:15:00	7.1	6.8	7.3	6.7	3.4	3.2	3.5	3.7	0.000	0.000	0.015	0.000
06:30:00	8.6	6.7	8.3	6.7	3.6	3.0	3.4	3.8	0.000	0.000	0.015	0.000
06:45:00	10.7	6.9	9.3	6.7	4.1	3.1	3.4	3.9	0.000	0.000	0.012	0.000
07:00:00	13.6	12.3	12.1	7.9	4.8	3.8	3.6	4.3	0.000	0.000	0.010	0.000
07:15:00	15.7	10.8	10.5	34.1	5.4	3.7	9.1	4.3	0.000	0.000	0.008	0.000
07:30:00	17.3	8.2	10.9	35.7	6.3	3.5	8.7	4.4	0.000	0.000	0.007	0.000
07:45:00	19.8	10.6	12.3	20.3	7.7	4.6	6.6	4.8	0.000	0.000	0.004	0.000
08:00:00	22.2	19.9	15.7	26.8	9.5	11.8	8.7	6.0	0.000	0.000	0.002	0.000
08:15:00	92.5	20.8	61.5	31.0	24.8	13.6	10.9	13.9	0.000	0.000	0.000	0.000
08:30:00	81.2	18.8	23.1	22.1	20.6	11.3	11.0	11.2	0.000	0.000	0.000	0.000
08:45:00	21.1	12.3	19.2	16.5	9.5	6.3	8.8	11.1	0.000	0.000	0.000	0.000
09:00:00	12.2	8.7	16.1	11.9	5.7	3.9	6.7	9.6	0.000	0.000	0.000	0.000
09:15:00	9.7	8.4	11.1	8.7	3.6	3.5	4.2	6.0	0.000	0.001	0.001	0.000
09:30:00	9.4	7.8	8.7	10.0	3.6	3.2	3.5	3.8	0.000	0.001	0.006	0.000
09:45:00	9.1	7.3	8.0	7.5	3.3	3.0	3.1	3.5	0.007	0.000	0.010	0.000
10:00:00	9.2	7.2	10.0	7.1	3.2	2.9	2.9	3.2	0.006	0.000	0.006	0.000
10:15:00	8.3	7.1	7.1	6.9	2.9	2.9	2.8	3.0	0.000	0.000	0.001	0.000
10:30:00	8.2	7.3	7.3	7.3	3.1	3.2	3.0	3.2	0.000	0.000	0.000	0.000
10:45:00	8.3	6.8	7.2	7.2	3.1	2.9	3.0	3.2	0.000	0.000	0.000	0.000
11:00:00	8.4	7.0	7.0	7.4	3.1	2.8	3.0	3.0	0.000	0.000	0.000	0.000
11:15:00	8.4	7.3	8.2	8.5	3.2	3.1	3.8	4.0	0.000	0.000	0.000	0.000
11:30:00	9.3	8.0	11.1	11.1	3.9	3.7	6.2	5.8	0.000	0.000	0.000	0.000
11:45:00	11.6	9.5	10.8	10.6	5.1	4.9	6.1	6.1	0.000	0.000	0.000	0.000



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12:00:00	24.1	10.6	12.9	13.4	9.0	6.1	8.5	8.0	0.000	0.000	0.000	0.000
12:15:00	13.7	12.7	15.4	21.6	7.9	7.5	9.9	9.6	0.000	0.000	0.000	0.000
12:30:00	17.2	13.0	17.1	17.5	10.8	8.1	11.9	11.6	0.000	0.000	0.000	0.000
12:45:00	17.3	15.1	18.0	16.0	10.5	9.5	10.8	12.2	0.000	0.000	0.000	0.000
13:00:00	16.8	17.9	18.4	18.5	11.3	12.1	12.9	12.8	0.000	0.000	0.000	0.000
13:15:00	17.9	18.3	17.8	18.1	12.1	12.8	12.6	12.4	0.000	0.000	0.000	0.000
13:30:00	18.3	17.9	18.0	18.1	12.2	12.5	12.4	12.6	0.000	0.000	0.000	0.000
13:45:00	19.0	20.1	17.9	19.5	13.4	14.2	13.6	12.8	0.000	0.000	0.000	0.000
14:00:00	20.2	16.5	19.6	21.2	14.3	11.3	15.0	14.2	0.000	0.000	0.000	0.000
14:15:00	16.7	10.1	16.7	17.1	11.3	6.1	12.1	11.8	0.000	0.000	0.000	0.000
14:30:00	11.5	11.5	11.0	11.7	6.9	7.1	7.2	7.2	0.000	0.000	0.000	0.000
14:45:00	10.0	9.3	9.3	10.3	5.5	5.3	5.8	5.2	0.000	0.000	0.000	0.000
15:00:00	7.4	7.0	6.4	7.3	3.5	3.5	3.6	3.3	0.000	0.000	0.000	0.000
15:15:00	10.6	6.4	11.9	6.6	3.4	2.9	3.0	3.7	0.000	0.000	0.000	0.000
15:30:00	18.3	6.0	6.0	6.5	4.0	2.5	3.3	3.1	0.000	0.000	0.000	0.000
15:45:00	26.3	6.4	5.3	5.4	5.6	2.5	2.4	2.3	0.000	0.000	0.000	0.000
16:00:00	18.4	5.3	5.2	5.0	4.0	2.2	2.1	2.0	0.000	0.000	0.000	0.000
16:15:00	6.6	5.7	5.2	5.1	2.1	2.1	2.1	2.0	0.000	0.000	0.000	0.000
16:30:00	9.0	5.3	4.9	4.9	2.6	2.0	2.0	2.0	0.000	0.000	0.000	0.000
16:45:00	41.8	5.0	7.3	4.8	6.3	2.0	1.9	2.1	0.000	0.000	0.000	0.000
17:00:00	5.5	4.8	6.6	4.6	1.9	1.9	1.9	2.1	0.000	0.000	0.000	0.000
17:15:00	5.9	5.0	5.2	5.1	2.0	2.0	2.1	2.1	0.000	0.000	0.000	0.000
17:30:00	6.5	5.0	12.0	5.0	2.1	2.0	2.0	2.5	0.000	0.000	0.000	0.000
17:45:00	5.6	5.1	5.3	4.9	2.1	2.0	2.0	2.0	0.000	0.000	0.000	0.000
18:00:00	8.5	5.6	4.8	5.5	2.5	2.1	2.1	2.0	0.000	0.000	0.000	0.000
18:15:00	6.9	5.7	5.6	8.9	2.3	2.3	2.9	2.1	0.000	0.000	0.000	0.000
18:30:00	13.8	5.9	5.8	5.7	3.2	2.2	2.3	2.2	0.000	0.000	0.000	0.000
18:45:00	7.1	6.2	5.9	6.0	2.4	2.3	2.3	2.3	0.000	0.000	0.000	0.000
19:00:00	7.4	6.7	6.6	6.7	2.5	2.5	2.4	2.4	0.006	0.004	0.000	0.008
19:15:00	8.7	7.4	8.8	6.9	2.6	2.6	2.5	3.2	0.067	0.011	0.000	0.038
19:30:00	8.3	7.4	6.8	7.1	2.6	2.6	2.5	2.6	0.115	0.015	0.002	0.056
19:45:00	8.3	7.1	7.1	8.4	2.6	2.5	2.7	2.6	0.137	0.017	0.027	0.067
20:00:00	8.0	7.0	6.8	7.4	2.6	2.5	2.6	2.5	0.162	0.019	0.066	0.079
20:15:00	7.5	6.7	6.5	7.4	2.6	2.5	2.7	2.5	0.177	0.020	0.096	0.085
20:30:00	9.4	7.5	7.3	8.1	3.0	2.6	2.9	2.7	0.188	0.021	0.119	0.091
20:45:00	9.6	8.2	7.5	8.1	3.0	2.8	2.9	2.8	0.202	0.021	0.141	0.098
21:00:00	8.9	8.0	7.4	7.9	2.9	2.7	2.8	2.7	0.211	0.020	0.156	0.101
21:15:00	7.3	6.7	6.4	6.7	2.6	2.5	2.5	2.5	0.213	0.020	0.163	0.101
21:30:00	6.3	6.5	5.9	5.9	2.4	2.5	2.3	2.4	0.208	0.018	0.161	0.095
21:45:00	6.5	6.1	5.3	5.5	2.4	2.4	2.3	2.3	0.201	0.017	0.159	0.088
22:00:00	6.4	6.0	5.3	5.6	2.3	2.3	2.3	2.3	0.194	0.015	0.156	0.085
22:15:00	6.2	5.6	5.4	5.6	2.4	2.3	2.2	2.2	0.187	0.015	0.152	0.080
22:30:00	6.1	5.4	5.6	5.6	2.3	2.2	2.3	2.3	0.179	0.014	0.147	0.073
22:45:00	6.0	5.6	5.4	5.8	2.3	2.2	2.3	2.3	0.168	0.012	0.142	0.067
23:00:00	6.4	5.5	5.7	9.0	2.3	2.2	2.8	2.3	0.162	0.011	0.137	0.061
23:15:00	5.9	5.4	6.5	6.1	2.3	2.2	2.4	2.5	0.151	0.010	0.130	0.057
23:30:00	5.5	5.2	7.2	5.0	2.3	2.3	2.2	2.6	0.138	0.009	0.123	0.051
23:45:00	5.6	5.5	5.6	5.0	2.4	2.3	2.2	2.3	0.130	0.007	0.116	0.040

