



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-06-10

**Table 1 : Weather Summary**

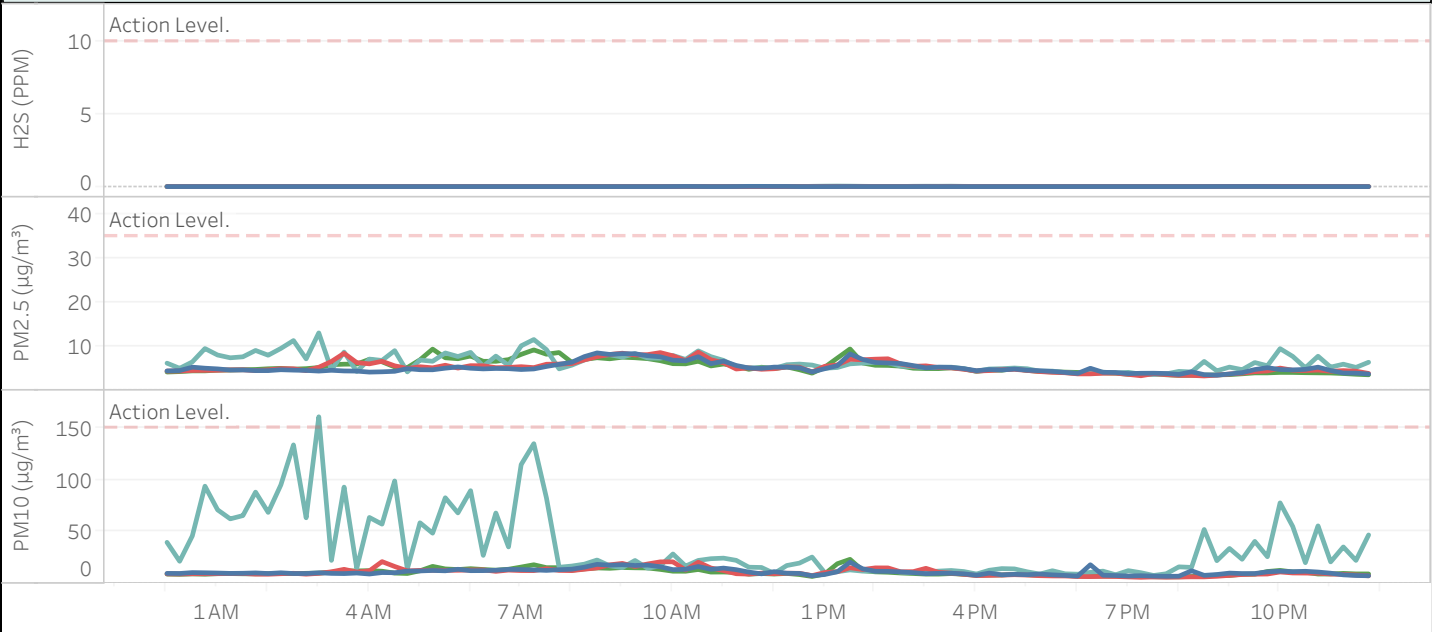
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.045 to 9.664	2943 SE	3061 SSW	2996 SE	2997 NNE	Min : 70.70 Max : 97.70	Min : 46.10 Max : 89.90	Min : 29.93 Max : 30.14

**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	11.4	20.8	5.2	8.5	0.001	0.017
2996	11.2	21.3	5.3	8.7	0.001	0.017
2997	36.3	160.6	6.4	13.1	0.004	0.037
3061	10.9	23.5	5.4	9.4	0.000	0.001



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

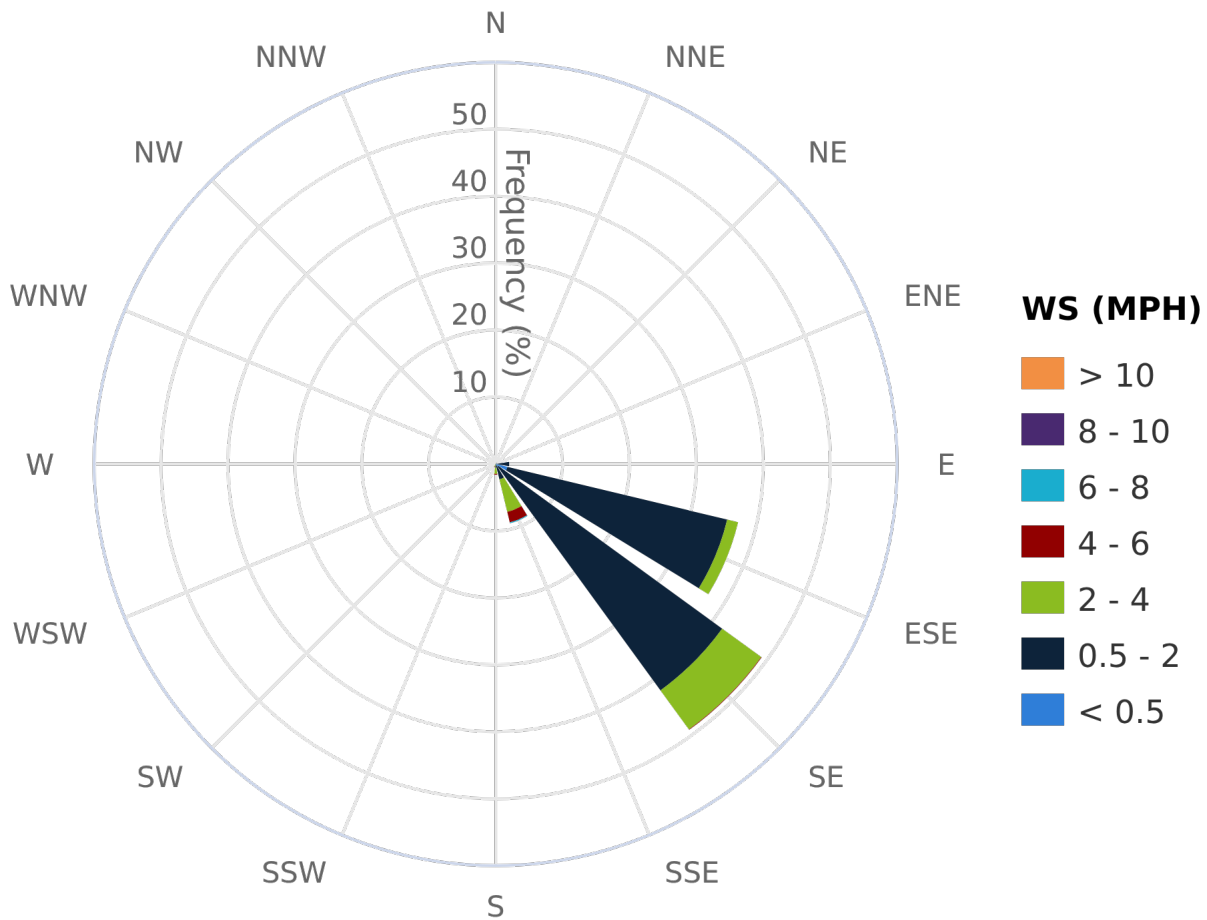


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

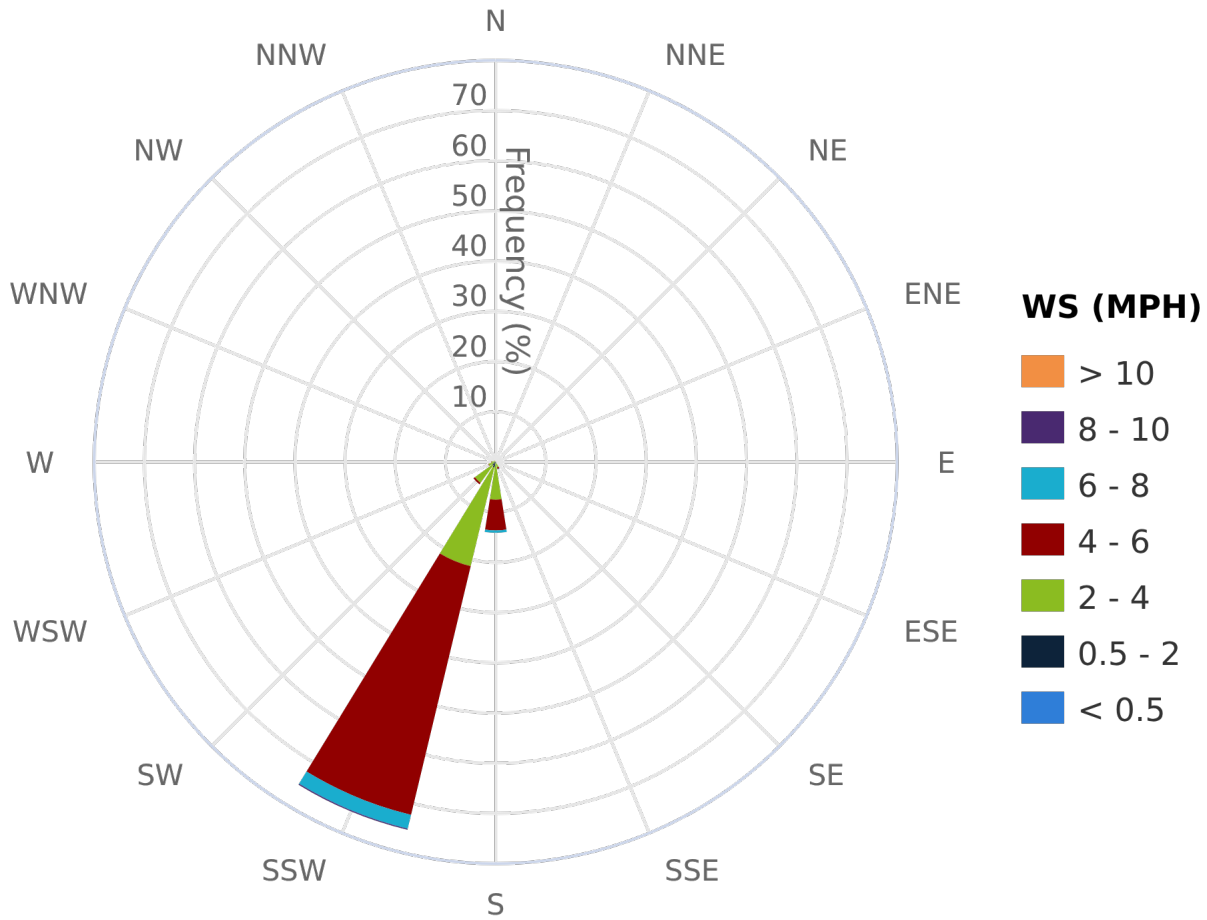


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

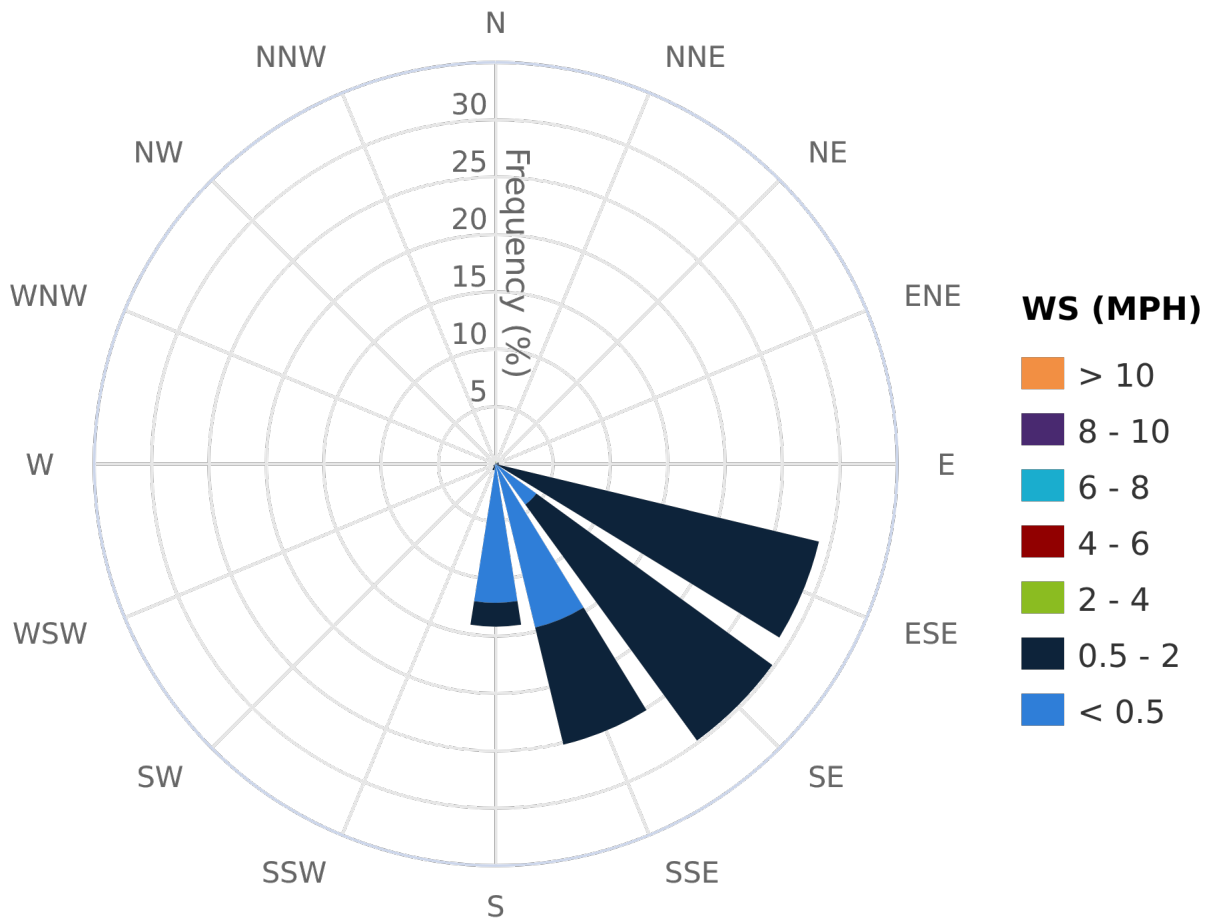


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

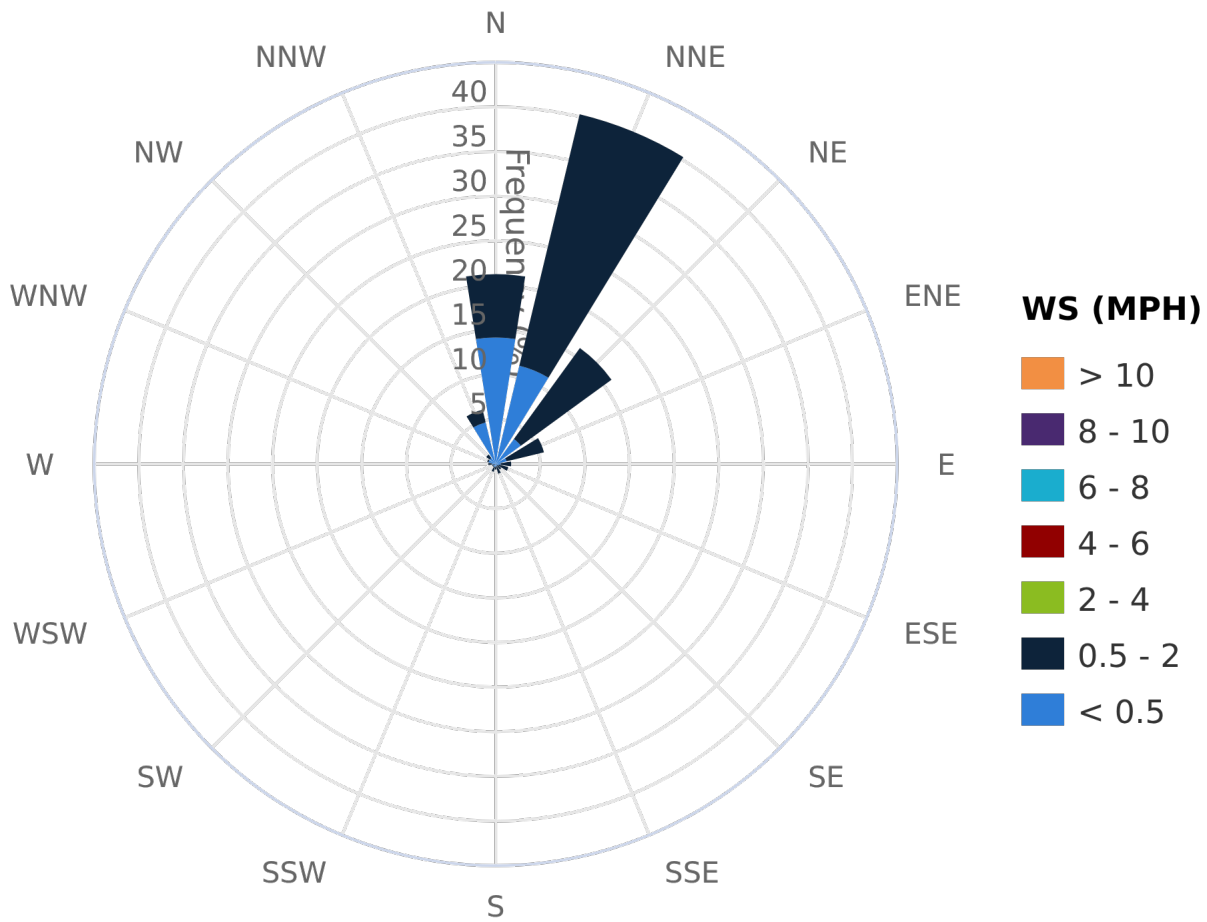


Figure 3 : Wind Rose Chart (WS in MPH)



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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	10.0	9.3	39.8	9.5	4.5	4.2	4.4	6.2	0.000	0.000	0.000	0.000
00:15:00	9.9	9.1	21.6	9.4	4.5	4.3	4.4	5.0	0.000	0.000	0.000	0.000
00:30:00	10.7	9.5	46.0	9.7	5.3	4.5	4.6	6.5	0.000	0.000	0.000	0.000
00:45:00	10.6	9.2	93.8	9.6	5.1	4.5	4.6	9.5	0.000	0.000	0.000	0.000
01:00:00	10.3	9.7	71.1	9.7	4.9	4.6	4.6	8.0	0.000	0.000	0.000	0.000
01:15:00	10.0	9.8	62.4	9.9	4.7	4.7	4.7	7.4	0.000	0.000	0.000	0.000
01:30:00	10.1	9.6	65.5	9.9	4.7	4.7	4.7	7.6	0.000	0.000	0.000	0.000
01:45:00	10.4	9.6	88.1	9.3	4.5	4.8	4.5	9.1	0.000	0.000	0.000	0.000
02:00:00	9.9	9.7	68.6	9.2	4.5	4.9	4.7	8.0	0.000	0.000	0.000	0.000
02:15:00	10.6	9.8	95.0	9.7	4.7	5.0	5.0	9.5	0.000	0.000	0.000	0.000
02:30:00	9.9	9.8	133.5	10.1	4.6	4.9	4.9	11.3	0.000	0.000	0.000	0.000
02:45:00	9.9	10.1	63.4	9.2	4.6	5.0	4.5	7.2	0.000	0.000	0.000	0.000
03:00:00	10.6	10.3	160.6	10.0	4.4	5.2	5.3	13.1	0.000	0.000	0.000	0.000
03:15:00	10.0	11.1	22.5	11.5	4.6	5.9	6.6	4.7	0.000	0.000	0.000	0.000
03:30:00	9.8	12.3	93.0	13.9	4.5	6.0	8.4	8.7	0.000	0.000	0.000	0.000
03:45:00	10.3	12.4	14.8	11.3	4.4	6.0	6.3	4.3	0.000	0.000	0.000	0.000
04:00:00	9.4	12.6	63.8	12.4	4.2	7.1	6.1	7.1	0.000	0.000	0.000	0.000
04:15:00	10.8	12.1	57.3	21.3	4.3	6.5	6.6	6.8	0.000	0.000	0.000	0.000
04:30:00	10.6	10.3	98.9	16.6	4.4	5.4	5.6	9.0	0.000	0.000	0.000	0.000
04:45:00	12.2	9.9	14.3	12.4	5.0	5.2	5.0	4.2	0.000	0.000	0.000	0.000
05:00:00	12.3	12.5	58.7	12.9	4.7	7.0	5.4	6.9	0.000	0.000	0.000	0.000
05:15:00	12.8	16.7	48.7	13.0	4.7	9.4	5.2	6.6	0.000	0.000	0.000	0.000
05:30:00	12.5	14.3	82.7	12.9	5.1	7.4	5.7	8.5	0.000	0.000	0.000	0.000
05:45:00	13.9	13.7	68.1	13.0	5.4	7.2	5.1	7.7	0.000	0.000	0.000	0.000
06:00:00	12.6	14.5	89.5	13.2	5.1	7.8	5.6	8.6	0.000	0.000	0.000	0.000
06:15:00	12.6	13.7	27.3	13.3	4.9	6.6	5.6	5.5	0.000	0.000	0.000	0.000
06:30:00	13.0	13.1	68.0	12.0	5.0	6.6	5.2	7.8	0.000	0.000	0.000	0.000
06:45:00	13.8	14.0	35.4	13.1	5.0	7.0	5.2	5.7	0.000	0.000	0.000	0.000
07:00:00	13.7	16.1	114.6	12.7	4.8	8.2	5.4	10.1	0.000	0.000	0.000	0.000
07:15:00	13.3	18.3	134.7	12.7	4.9	9.2	5.2	11.6	0.000	0.000	0.000	0.000
07:30:00	12.9	15.5	82.5	14.5	5.5	8.2	6.0	9.3	0.000	0.000	0.000	0.000
07:45:00	13.5	15.5	15.9	12.8	6.0	8.6	6.0	4.9	0.000	0.000	0.000	0.000
08:00:00	14.0	13.0	17.0	12.6	6.4	6.4	6.1	5.8	0.000	0.000	0.000	0.000
08:15:00	16.0	14.3	18.9	14.0	7.7	7.1	7.0	6.9	0.000	0.000	0.000	0.000
08:30:00	18.7	15.2	22.8	15.2	8.5	7.4	7.7	7.9	0.000	0.000	0.000	0.000
08:45:00	17.9	14.9	17.3	18.2	8.2	7.2	8.2	8.1	0.000	0.000	0.000	0.000
09:00:00	18.4	15.6	15.5	19.6	8.4	7.6	8.5	7.6	0.000	0.000	0.000	0.000
09:15:00	17.6	15.3	22.4	16.6	8.3	7.4	8.1	8.4	0.000	0.000	0.000	0.000
09:30:00	18.0	15.2	14.9	19.0	7.9	7.2	8.1	7.4	0.000	0.000	0.000	0.000
09:45:00	16.4	13.8	17.3	21.1	7.6	6.8	8.6	7.3	0.000	0.001	0.000	0.000
10:00:00	13.6	12.1	28.7	21.1	6.9	6.1	7.9	7.9	0.005	0.001	0.000	0.000
10:15:00	13.9	12.1	17.0	13.2	6.7	6.1	6.8	7.1	0.011	0.000	0.001	0.001
10:30:00	16.6	13.7	22.4	20.8	7.7	6.6	8.7	9.0	0.007	0.000	0.000	0.003
10:45:00	13.9	11.2	24.1	15.2	6.1	5.6	7.0	7.7	0.000	0.000	0.000	0.000
11:00:00	15.1	11.3	24.6	12.7	6.7	6.0	6.3	6.8	0.000	0.000	0.000	0.000
11:15:00	13.6	10.9	22.5	9.7	5.7	5.6	4.9	5.4	0.005	0.000	0.000	0.000
11:30:00	11.2	9.3	15.9	9.3	5.1	4.8	5.1	5.2	0.017	0.000	0.000	0.000
11:45:00	9.6	9.8	15.7	10.2	5.0	5.3	4.8	5.1	0.017	0.000	0.000	0.000



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12:00:00	11.7	9.3	9.9	9.7	5.3	5.0	5.0	5.0	0.012	0.000	0.000	0.000
12:15:00	10.2	9.9	17.5	10.2	5.3	5.4	5.4	5.9	0.010	0.000	0.000	0.000
12:30:00	10.0	8.9	19.9	10.1	5.2	4.7	5.3	6.0	0.000	0.000	0.000	0.003
12:45:00	7.7	7.0	25.7	7.8	4.2	4.0	4.2	5.8	0.000	0.000	0.000	0.020
13:00:00	8.9	9.4	10.7	10.8	5.0	5.3	5.5	5.1	0.000	0.000	0.000	0.032
13:15:00	11.6	19.3	11.6	11.6	5.6	7.4	5.8	5.2	0.000	0.000	0.000	0.037
13:30:00	20.8	23.5	13.3	15.4	8.3	9.4	7.1	6.1	0.006	0.000	0.000	0.030
13:45:00	14.4	12.7	12.1	13.7	7.0	6.2	7.0	6.2	0.001	0.001	0.000	0.021
14:00:00	12.0	11.4	12.1	15.3	6.4	5.7	7.1	6.4	0.000	0.000	0.000	0.013
14:15:00	11.9	11.1	13.9	15.2	6.3	5.7	7.2	6.3	0.000	0.000	0.000	0.005
14:30:00	11.4	10.4	11.1	11.5	6.1	5.5	6.0	5.5	0.000	0.000	0.000	0.009
14:45:00	10.7	9.9	10.5	11.7	5.7	5.1	5.5	5.4	0.000	0.000	0.000	0.022
15:00:00	9.7	9.3	11.4	14.9	5.1	5.0	5.6	5.2	0.003	0.000	0.000	0.025
15:15:00	10.1	9.3	12.2	11.0	5.3	5.0	5.2	5.3	0.000	0.000	0.000	0.024
15:30:00	10.1	9.8	12.8	10.2	5.3	5.2	5.1	5.3	0.000	0.000	0.000	0.029
15:45:00	9.5	9.1	11.7	9.1	5.0	4.9	4.8	5.0	0.000	0.000	0.000	0.018
16:00:00	8.2	8.1	9.4	7.9	4.5	4.4	4.4	4.4	0.000	0.000	0.000	0.013
16:15:00	10.2	8.5	13.0	8.0	4.8	4.6	4.5	4.9	0.000	0.000	0.000	0.011
16:30:00	8.6	8.5	14.6	8.3	4.7	4.6	4.7	5.0	0.000	0.000	0.000	0.008
16:45:00	9.1	9.1	14.3	8.7	4.9	5.0	4.8	5.1	0.000	0.000	0.000	0.003
17:00:00	8.7	8.7	11.5	8.4	4.6	4.6	4.6	5.0	0.000	0.000	0.000	0.006
17:15:00	9.3	8.2	9.3	7.8	4.5	4.3	4.3	4.4	0.000	0.000	0.000	0.001
17:30:00	8.6	8.1	12.5	7.5	4.3	4.2	4.1	4.4	0.000	0.000	0.000	0.000
17:45:00	8.0	8.0	9.6	7.5	4.1	4.2	4.0	4.1	0.000	0.000	0.000	0.002
18:00:00	7.4	7.5	9.2	6.9	3.9	4.1	3.8	3.9	0.000	0.000	0.000	0.001
18:15:00	18.3	7.3	11.0	6.9	5.1	4.0	3.8	4.1	0.000	0.000	0.000	0.000
18:30:00	8.2	7.4	12.1	7.1	4.1	4.0	3.9	4.2	0.000	0.000	0.000	0.001
18:45:00	7.9	7.5	8.6	7.0	4.1	3.9	4.0	4.0	0.000	0.000	0.000	0.002
19:00:00	7.4	7.2	12.6	6.6	3.9	3.7	3.7	4.1	0.000	0.000	0.000	0.003
19:15:00	7.8	7.2	10.6	6.2	3.9	3.7	3.4	3.7	0.000	0.000	0.000	0.003
19:30:00	7.3	6.7	8.0	6.6	3.9	3.8	3.8	3.6	0.000	0.000	0.000	0.002
19:45:00	7.2	6.7	9.6	6.3	3.9	3.6	3.6	3.8	0.000	0.000	0.000	0.007
20:00:00	7.3	6.7	16.3	6.5	3.7	3.4	3.5	4.4	0.000	0.000	0.000	0.005
20:15:00	12.5	7.0	15.7	6.7	4.3	3.5	3.4	4.2	0.000	0.000	0.000	0.003
20:30:00	8.1	7.5	52.2	6.6	3.6	3.5	3.3	6.6	0.002	0.001	0.000	0.002
20:45:00	8.9	8.3	22.2	7.2	3.5	3.6	3.5	4.5	0.004	0.001	0.003	0.002
21:00:00	10.3	8.0	34.0	8.1	3.8	3.6	3.8	5.3	0.005	0.001	0.011	0.000
21:15:00	9.8	9.1	23.6	8.9	4.1	3.8	4.0	4.7	0.006	0.001	0.015	0.000
21:30:00	9.9	9.2	40.8	9.2	4.8	4.0	4.3	6.4	0.007	0.000	0.017	0.000
21:45:00	11.5	11.8	26.0	9.4	5.2	4.0	4.4	5.6	0.002	0.000	0.017	0.000
22:00:00	12.1	12.9	77.8	11.3	4.8	4.1	5.1	9.5	0.000	0.000	0.017	0.000
22:15:00	11.6	11.4	55.1	10.4	4.7	4.1	4.6	7.7	0.000	0.000	0.016	0.000
22:30:00	12.0	11.0	20.3	10.3	4.8	4.1	4.5	5.2	0.000	0.000	0.014	0.000
22:45:00	11.3	9.4	55.7	10.2	5.3	4.0	4.6	7.8	0.000	0.000	0.011	0.000
23:00:00	10.2	9.4	21.1	9.4	4.5	4.0	4.4	5.3	0.000	0.000	0.006	0.000
23:15:00	8.6	10.0	35.4	9.0	4.0	3.9	4.5	6.0	0.000	0.000	0.004	0.000
23:30:00	7.9	9.5	22.5	8.4	4.0	3.7	4.4	5.3	0.000	0.000	0.003	0.000
23:45:00	7.7	9.5	47.0	7.6	3.8	3.6	3.9	6.4	0.000	0.000	0.001	0.000

