



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2025-12-01

**Table 1 : Weather Summary**

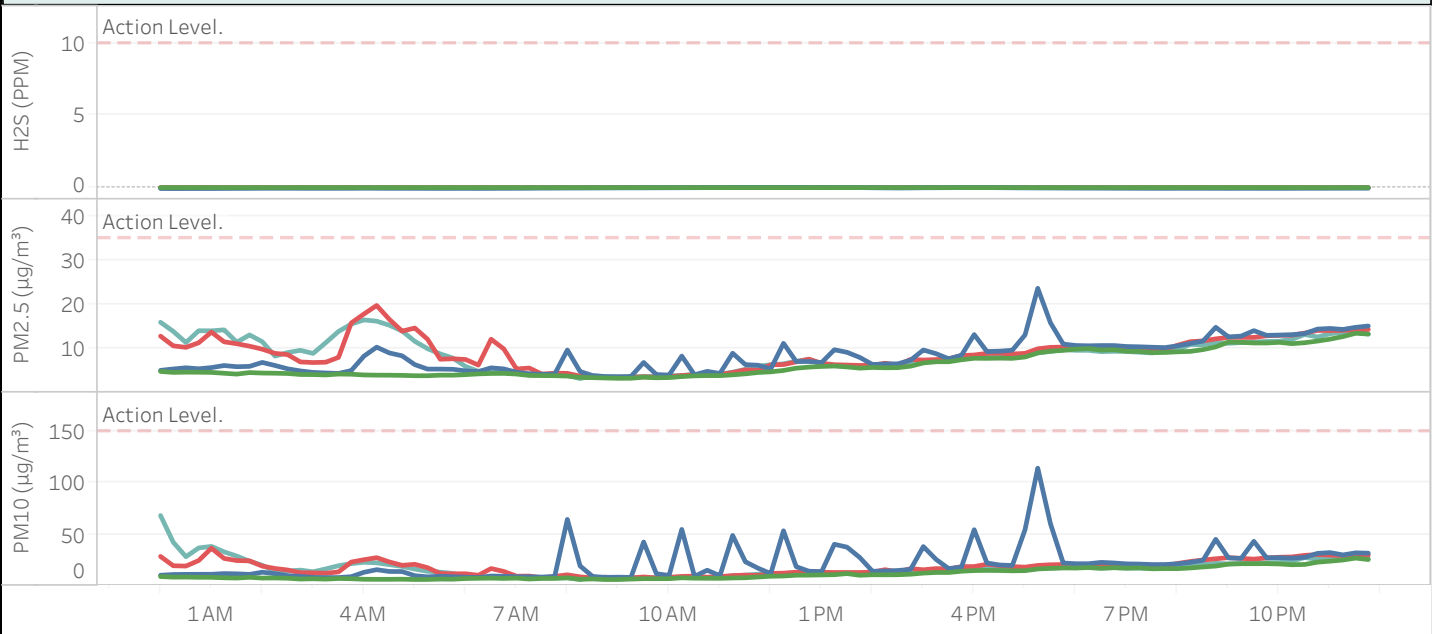
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1300 Max : 20.54	2943 ENE	2693 NNE	2996 SSE	2997 NNE	Min : 53.96 Max : 78.80	Min : 50.70 Max : 87.10	Min : 29.96 Max : 30.29

**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)
2693	11.7	26.8	6.4	13.4	0.000	0.002
2943	21.6	113.9	8.3	23.6	-0.032	0.014
2996	17.7	36.3	9.0	19.7	0.000	0.000
2997	17.0	68.0	8.8	16.4	0.001	0.015



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2693      ■ 2943      ■ 2996      ■ 2997



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Wind Rose Chart 2943

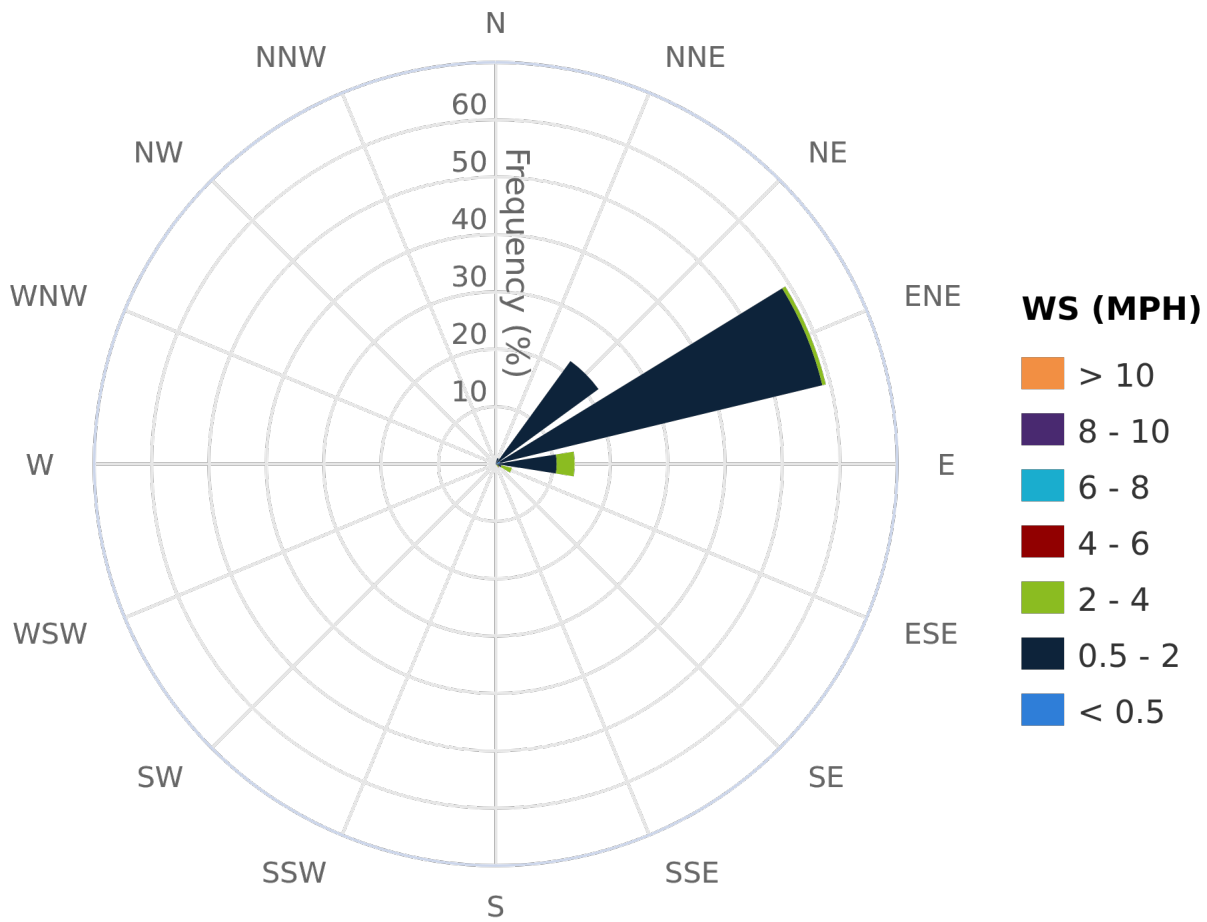


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

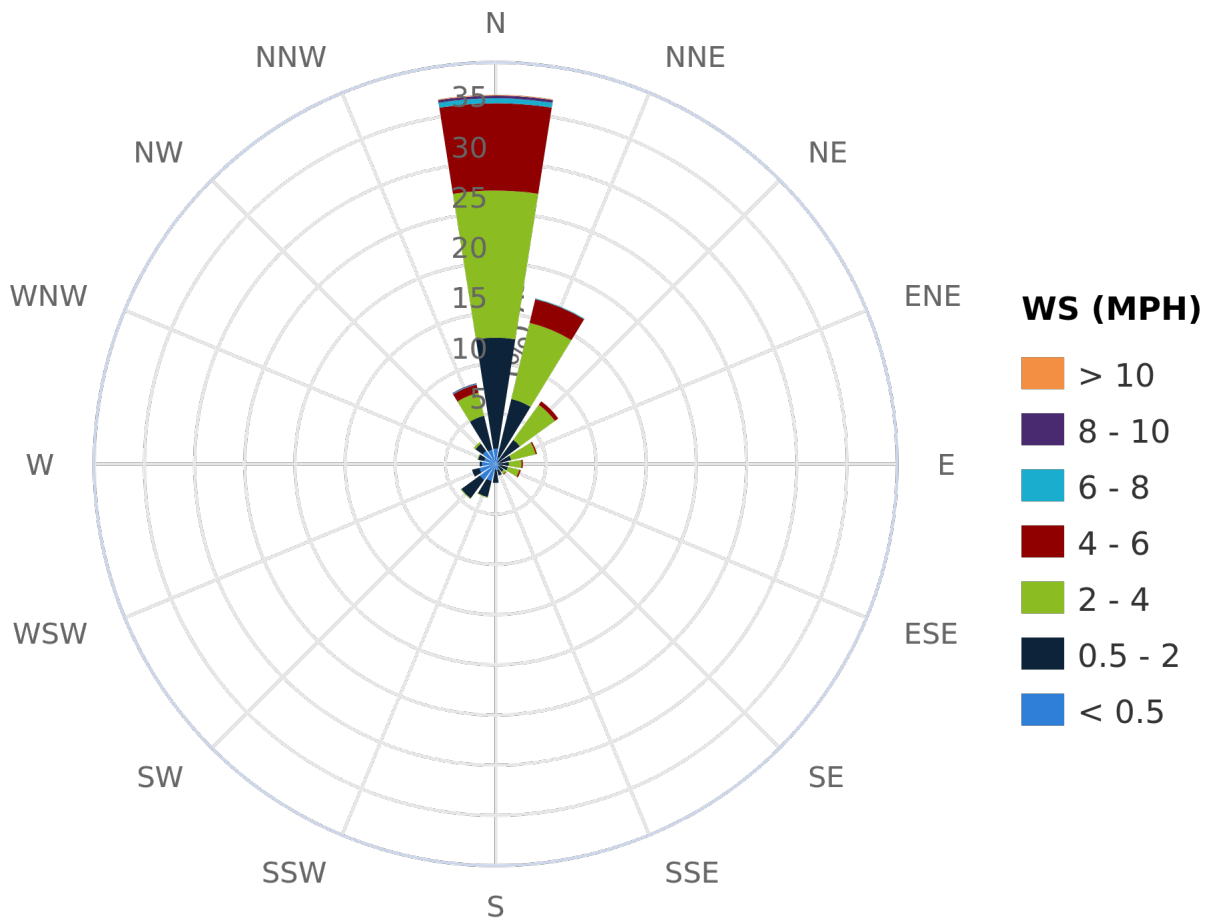


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

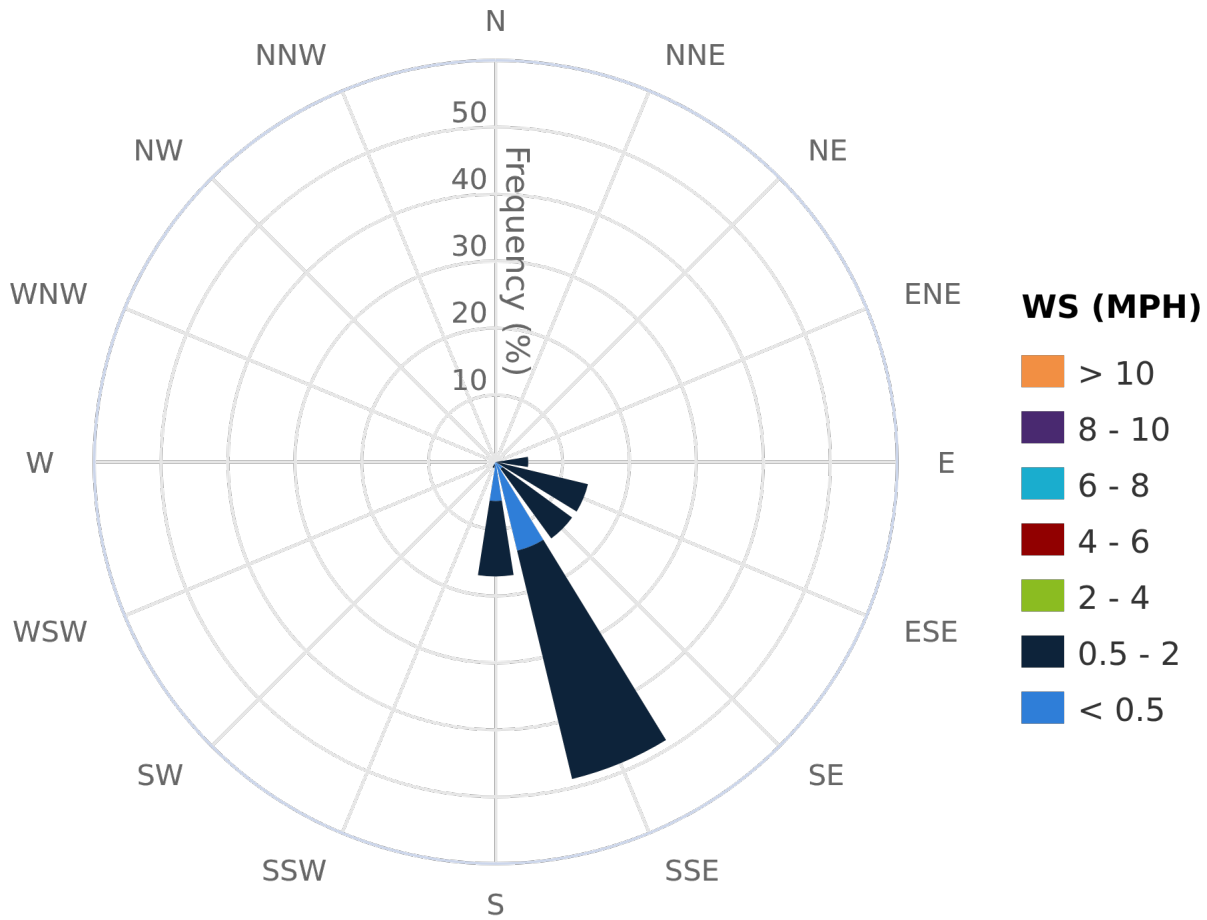


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2997

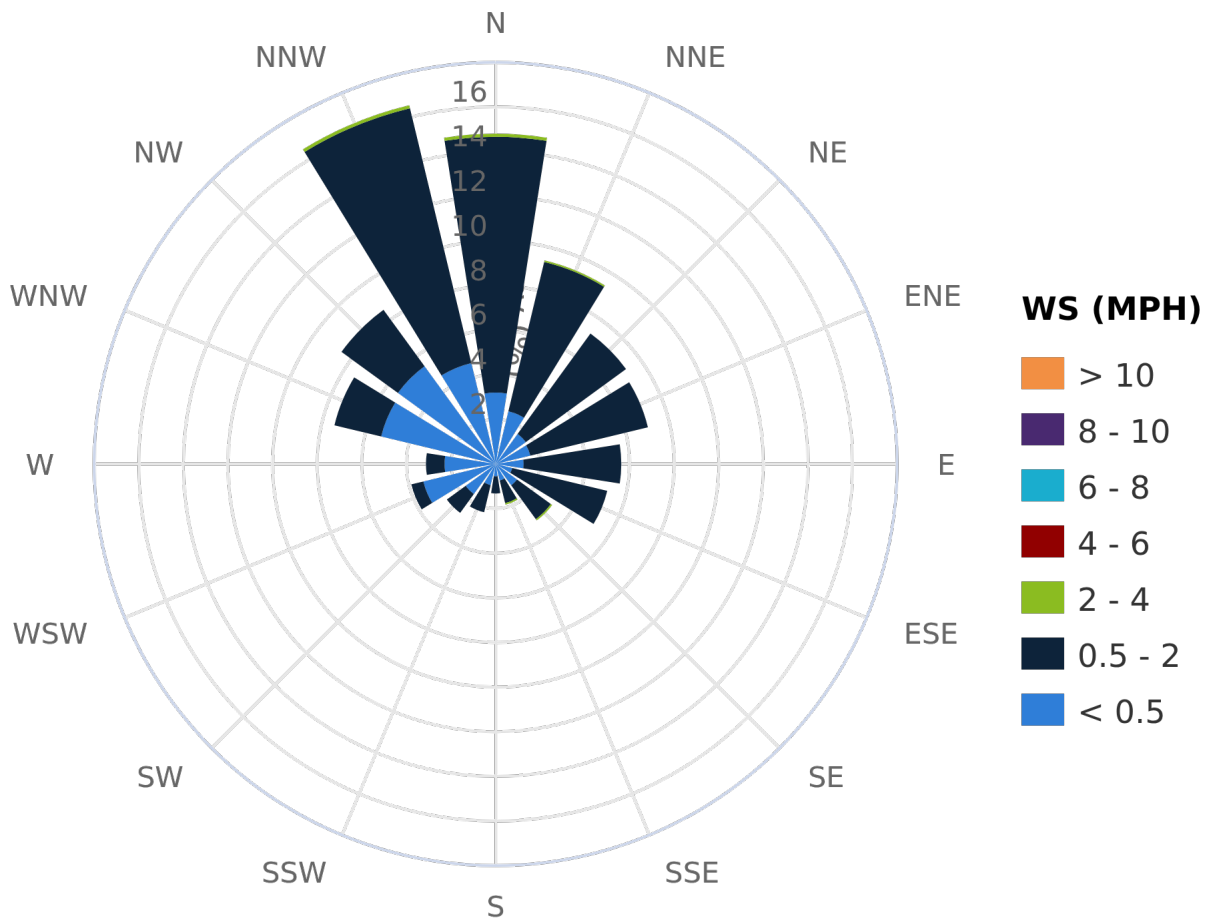


Figure 3 : Wind Rose Chart (WS in MPH)



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## Florence C&D Landfill – Air Monitoring

Date : 2025-12-01

**Table 3 : 15 Minute Average Concentrations (AM)**

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	10.2	8.9	68.0	28.4	5.0	4.8	12.8	15.9	-0.064	0.000	0.000	0.000
00:15:00	10.9	8.4	42.1	19.4	5.3	4.6	10.6	13.9	-0.067	0.001	0.000	0.000
00:30:00	11.1	8.4	28.1	19.1	5.6	4.6	10.2	11.3	-0.065	0.000	0.000	0.000
00:45:00	11.1	8.2	36.6	24.4	5.4	4.6	11.3	14.0	-0.062	0.000	0.000	0.000
01:00:00	11.1	8.2	38.1	36.3	5.7	4.6	13.7	14.0	-0.062	0.000	0.000	0.000
01:15:00	11.8	7.7	32.8	26.5	6.1	4.4	11.5	14.2	-0.058	0.000	0.000	0.000
01:30:00	11.6	7.5	28.7	24.4	5.9	4.2	11.0	11.4	-0.054	0.000	0.000	0.000
01:45:00	11.0	8.2	23.8	24.2	5.9	4.5	10.5	13.0	-0.052	-0.001	0.000	0.000
02:00:00	13.1	7.5	19.9	19.0	6.8	4.4	9.8	11.5	-0.046	0.000	0.000	0.000
02:15:00	11.7	7.5	13.9	16.8	6.1	4.4	8.9	8.3	-0.045	0.000	0.000	0.000
02:30:00	9.8	7.3	14.3	15.3	5.4	4.3	8.6	9.1	-0.045	0.000	0.000	0.000
02:45:00	9.1	6.5	15.2	12.6	4.9	4.1	6.9	9.6	-0.048	0.000	0.000	0.000
03:00:00	8.1	6.8	13.5	12.5	4.6	4.1	6.8	8.9	-0.049	0.000	0.000	0.000
03:15:00	7.9	6.4	16.4	12.2	4.4	4.0	6.9	11.3	-0.049	0.000	0.000	0.000
03:30:00	8.0	7.0	19.4	13.4	4.3	4.2	8.0	13.8	-0.049	0.000	0.000	0.000
03:45:00	8.8	6.8	21.4	22.9	5.0	4.2	15.7	15.5	-0.048	0.000	0.000	0.000
04:00:00	13.1	6.3	22.8	25.2	8.2	4.0	17.8	16.4	-0.041	0.001	0.000	0.000
04:15:00	15.6	6.3	22.2	27.2	10.3	4.0	19.7	16.1	-0.047	0.001	0.000	0.000
04:30:00	13.8	6.3	20.5	23.1	9.0	3.9	16.6	15.2	-0.050	0.000	0.000	0.000
04:45:00	13.8	6.4	18.7	19.8	8.3	3.9	13.9	13.9	-0.051	-0.001	0.000	0.000
05:00:00	9.8	6.1	16.2	20.8	6.3	3.8	14.6	11.6	-0.050	0.000	0.000	0.000
05:15:00	8.7	6.1	14.0	17.6	5.3	3.8	12.1	9.9	-0.053	0.000	0.000	0.000
05:30:00	9.2	6.5	13.2	11.9	5.3	3.9	7.6	8.8	-0.055	0.000	0.000	0.000
05:45:00	8.8	6.4	12.0	11.6	5.3	3.9	7.7	7.8	-0.054	0.000	0.000	0.000
06:00:00	8.3	7.0	9.4	11.6	4.9	4.1	7.5	5.9	-0.052	0.000	0.000	0.000
06:15:00	8.0	7.2	8.0	10.1	4.8	4.2	6.2	4.8	-0.056	0.001	0.000	0.000
06:30:00	9.5	7.4	8.4	16.7	5.6	4.3	12.1	5.1	-0.053	0.001	0.000	0.000
06:45:00	9.2	7.1	8.2	13.9	5.4	4.4	9.9	4.8	-0.049	0.001	0.000	0.000
07:00:00	8.8	7.4	8.0	9.3	4.6	4.2	5.3	4.4	-0.048	0.000	0.000	0.000
07:15:00	8.7	6.5	7.7	9.4	4.3	3.9	5.6	4.2	-0.043	0.001	0.000	0.000
07:30:00	8.4	7.1	7.7	7.8	4.1	3.8	4.2	4.2	-0.036	0.001	0.000	0.000
07:45:00	9.0	7.1	7.6	9.1	4.2	3.8	4.4	4.1	-0.034	0.000	0.000	0.000
08:00:00	64.3	7.6	7.8	10.6	9.6	3.7	4.4	3.9	-0.029	0.000	0.000	0.000
08:15:00	19.2	6.3	6.0	8.7	4.8	3.4	3.7	3.2	-0.028	0.000	0.000	0.000
08:30:00	8.9	6.6	8.7	7.6	3.9	3.4	3.4	3.8	-0.025	0.000	0.000	0.000
08:45:00	8.2	6.0	7.3	8.3	3.6	3.3	3.5	3.7	-0.022	0.001	0.000	0.000
09:00:00	8.3	6.0	6.8	7.3	3.6	3.3	3.3	3.5	-0.018	0.001	0.000	0.000
09:15:00	8.1	6.5	7.4	7.7	3.6	3.2	3.5	3.6	-0.017	0.001	0.000	0.000
09:30:00	42.4	6.9	8.2	8.5	6.8	3.5	3.6	3.7	-0.016	0.001	0.000	0.000
09:45:00	11.7	6.8	7.8	7.6	4.1	3.4	3.5	3.7	-0.014	0.001	0.000	0.000
10:00:00	10.0	6.9	8.1	8.2	4.0	3.4	3.6	3.8	-0.011	0.001	0.000	0.000
10:15:00	54.6	7.7	8.4	9.1	8.3	3.6	3.9	3.9	-0.008	0.001	0.000	0.000
10:30:00	9.2	7.3	8.7	9.4	4.0	3.8	4.1	4.1	-0.004	0.001	0.000	0.002
10:45:00	15.1	7.3	8.2	8.3	4.8	3.9	4.0	4.1	0.002	0.001	0.000	0.007
11:00:00	9.7	7.2	8.4	8.9	4.3	3.8	4.1	4.2	0.005	0.001	0.000	0.008
11:15:00	48.8	7.5	9.6	9.9	8.9	4.0	4.5	4.6	0.009	0.001	0.000	0.011
11:30:00	23.3	7.8	10.3	10.3	6.3	4.2	5.1	5.3	0.013	0.001	0.000	0.014
11:45:00	17.0	8.5	11.2	10.0	6.2	4.6	5.1	6.0	0.014	0.002	0.000	0.015



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	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	11.8	9.2	11.6	12.0	5.4	4.7	6.3	6.3	0.011	0.001	0.000	0.015
12:15:00	53.2	9.5	11.9	12.2	11.1	5.0	6.4	6.5	0.010	0.001	0.000	0.013
12:30:00	18.5	10.2	12.9	13.1	7.0	5.5	6.9	7.1	0.014	0.002	0.000	0.013
12:45:00	14.1	10.3	13.7	14.0	7.0	5.8	7.6	7.5	0.008	0.001	0.000	0.009
13:00:00	13.7	10.5	12.1	13.1	6.8	5.9	6.6	6.4	0.003	0.001	0.000	0.006
13:15:00	40.2	10.7	12.1	12.9	9.7	6.0	6.3	6.1	0.003	0.001	0.000	0.004
13:30:00	37.4	11.8	12.0	12.9	9.1	5.8	6.2	6.0	0.003	0.001	0.000	0.003
13:45:00	27.4	10.2	12.3	12.8	8.0	5.5	6.1	6.0	0.002	0.001	0.000	0.000
14:00:00	14.1	10.7	11.9	13.2	6.4	5.7	6.2	5.9	-0.011	0.001	0.000	0.000
14:15:00	14.3	10.6	13.8	15.6	6.5	5.6	6.7	6.3	-0.018	0.001	0.000	0.000
14:30:00	14.8	10.7	11.9	13.3	6.5	5.6	6.2	6.1	-0.025	0.000	0.000	0.000
14:45:00	15.9	11.2	13.8	16.6	7.3	6.0	7.5	6.9	-0.019	0.001	0.000	0.000
15:00:00	38.0	12.3	13.7	15.5	9.6	6.7	7.4	7.0	-0.011	0.001	0.000	0.000
15:15:00	25.5	12.9	14.3	16.7	8.8	7.0	7.5	7.0	-0.008	0.000	0.000	0.000
15:30:00	16.6	12.9	15.1	16.4	7.6	7.0	7.7	7.3	-0.002	0.001	0.000	0.000
15:45:00	18.1	14.1	16.1	18.5	8.4	7.4	8.4	8.0	0.000	0.001	0.000	0.000
16:00:00	54.3	14.7	16.9	18.6	13.1	7.8	8.5	8.2	0.002	0.001	0.000	0.002
16:15:00	22.0	14.9	18.7	20.8	9.3	7.7	8.9	8.6	0.004	0.000	0.000	0.002
16:30:00	20.1	14.8	17.2	19.6	9.4	7.8	8.9	8.3	-0.006	0.000	0.000	0.000
16:45:00	19.6	14.5	16.2	18.5	9.6	7.7	8.7	8.1	-0.013	0.000	0.000	0.000
17:00:00	54.3	14.6	15.5	18.1	13.0	8.1	8.9	8.2	-0.017	0.000	0.000	0.000
17:15:00	113.9	16.3	16.7	19.7	23.6	9.0	9.9	9.0	-0.023	0.000	0.000	0.000
17:30:00	60.0	16.9	17.0	20.3	15.8	9.4	10.2	9.3	-0.025	0.000	0.000	0.000
17:45:00	22.1	17.3	17.5	20.6	11.0	9.6	10.3	9.7	-0.031	0.000	0.000	0.000
18:00:00	21.3	17.2	18.3	20.3	10.7	9.8	10.3	9.6	-0.034	0.000	0.000	0.000
18:15:00	21.4	17.7	17.5	20.0	10.6	10.0	10.1	9.6	-0.037	0.001	0.000	0.000
18:30:00	22.7	16.9	17.1	20.4	10.6	9.6	9.9	9.3	-0.039	0.000	0.000	0.000
18:45:00	22.1	17.5	17.5	20.2	10.6	9.7	9.9	9.3	-0.043	0.000	0.000	0.000
19:00:00	21.2	17.1	17.0	19.9	10.4	9.3	9.9	9.3	-0.045	0.000	0.000	0.000
19:15:00	21.0	17.3	17.1	20.2	10.4	9.3	9.8	9.1	-0.047	0.000	0.000	0.000
19:30:00	20.5	16.4	16.8	19.6	10.3	9.0	9.8	9.0	-0.049	0.000	0.000	0.000
19:45:00	20.6	16.6	17.9	19.4	10.2	9.1	9.8	9.4	-0.051	0.000	0.000	0.000
20:00:00	21.3	16.6	18.0	21.6	10.6	9.2	10.7	9.7	-0.046	0.000	0.000	0.000
20:15:00	22.7	17.2	21.2	23.5	11.1	9.3	11.5	10.9	-0.048	0.000	0.000	0.000
20:30:00	24.7	18.2	20.7	25.0	11.7	9.7	11.7	10.8	-0.048	0.000	0.000	0.000
20:45:00	45.0	19.1	21.8	26.1	14.8	10.3	12.2	11.4	-0.049	0.000	0.000	0.000
21:00:00	26.9	21.0	21.2	27.3	12.6	11.4	12.5	11.1	-0.052	0.000	0.000	0.000
21:15:00	26.5	21.4	21.6	26.5	12.8	11.4	12.5	11.3	-0.050	0.000	0.000	0.000
21:30:00	43.0	21.4	22.1	25.8	14.0	11.2	12.5	11.4	-0.050	0.000	0.000	0.000
21:45:00	27.1	21.4	22.3	27.0	12.9	11.2	12.8	11.6	-0.051	0.000	0.000	0.000
22:00:00	27.2	21.1	22.5	27.6	13.0	11.4	12.9	11.6	-0.051	0.000	0.000	0.000
22:15:00	26.8	20.4	23.8	27.9	13.1	11.1	13.0	12.0	-0.050	0.000	0.000	0.000
22:30:00	27.5	20.6	27.3	29.5	13.4	11.3	13.5	13.1	-0.046	0.000	0.000	0.000
22:45:00	31.4	22.8	25.7	30.2	14.4	11.7	14.0	12.6	-0.045	0.000	0.000	0.000
23:00:00	32.1	23.8	26.9	29.7	14.5	12.1	14.0	13.3	-0.044	0.000	0.000	0.000
23:15:00	29.9	24.9	27.4	29.3	14.3	12.7	14.1	13.6	-0.042	0.000	0.000	0.000
23:30:00	31.9	26.8	27.4	29.7	14.8	13.4	14.2	13.7	-0.041	0.001	0.000	0.000
23:45:00	31.5	25.4	26.3	29.5	15.1	13.2	14.3	13.2	-0.042	0.000	0.000	0.000

