



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-14

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 8.210	2943 ESE	3061 NNE	2996 ESE	2997 ESE	Min : 54.14 Max : 87.26	Min : 36.10 Max : 90.30	Min : 29.97 Max : 58.53

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	23.4	211.9	8.2	25.6	0.004	0.036
2996	13.8	18.8	7.0	8.9	0.005	0.037
2997	13.9	19.3	6.8	9.6	0.001	0.015
3061	13.7	18.5	6.8	8.7	0.000	0.002



Figure 1 : Monitoring Locations

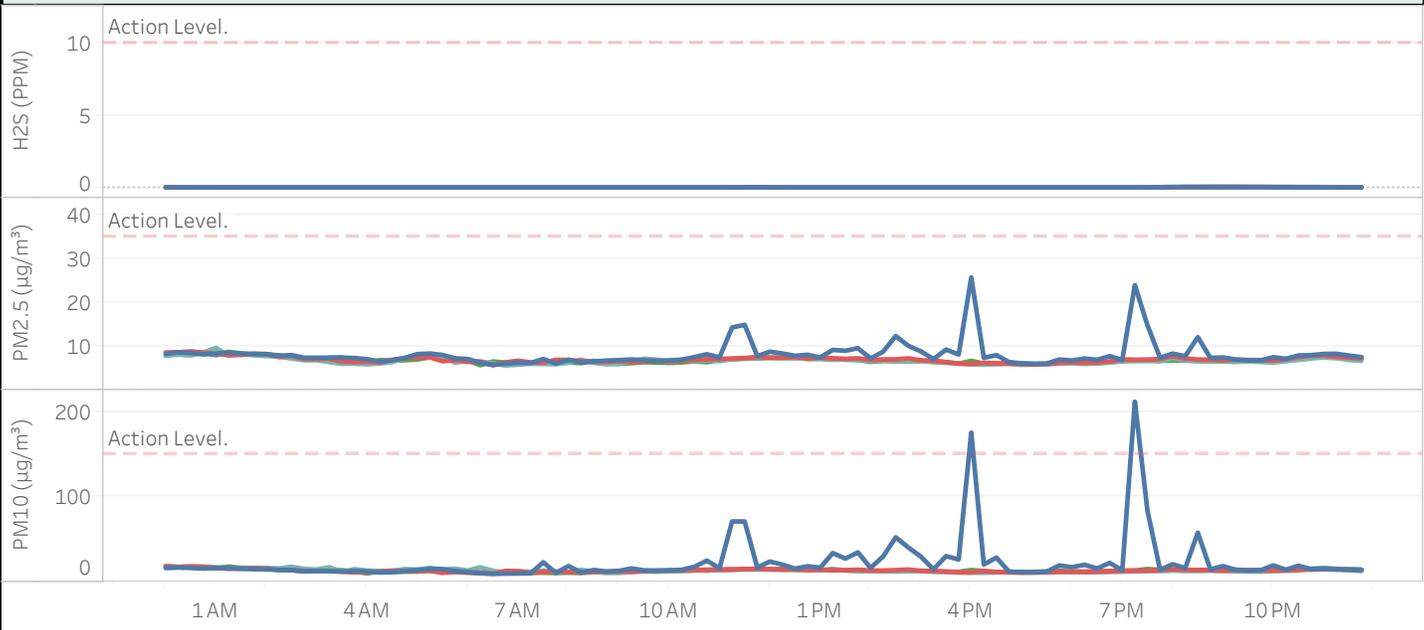


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

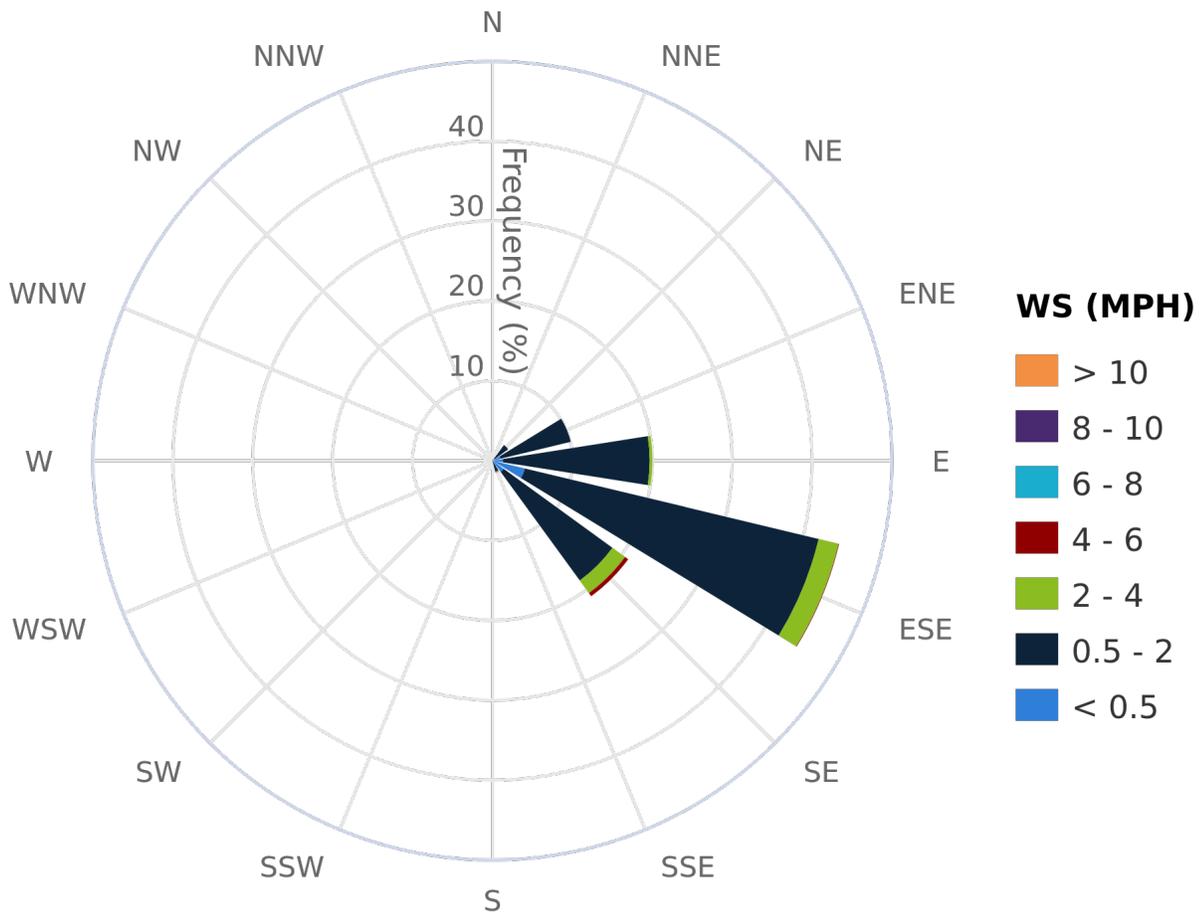


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

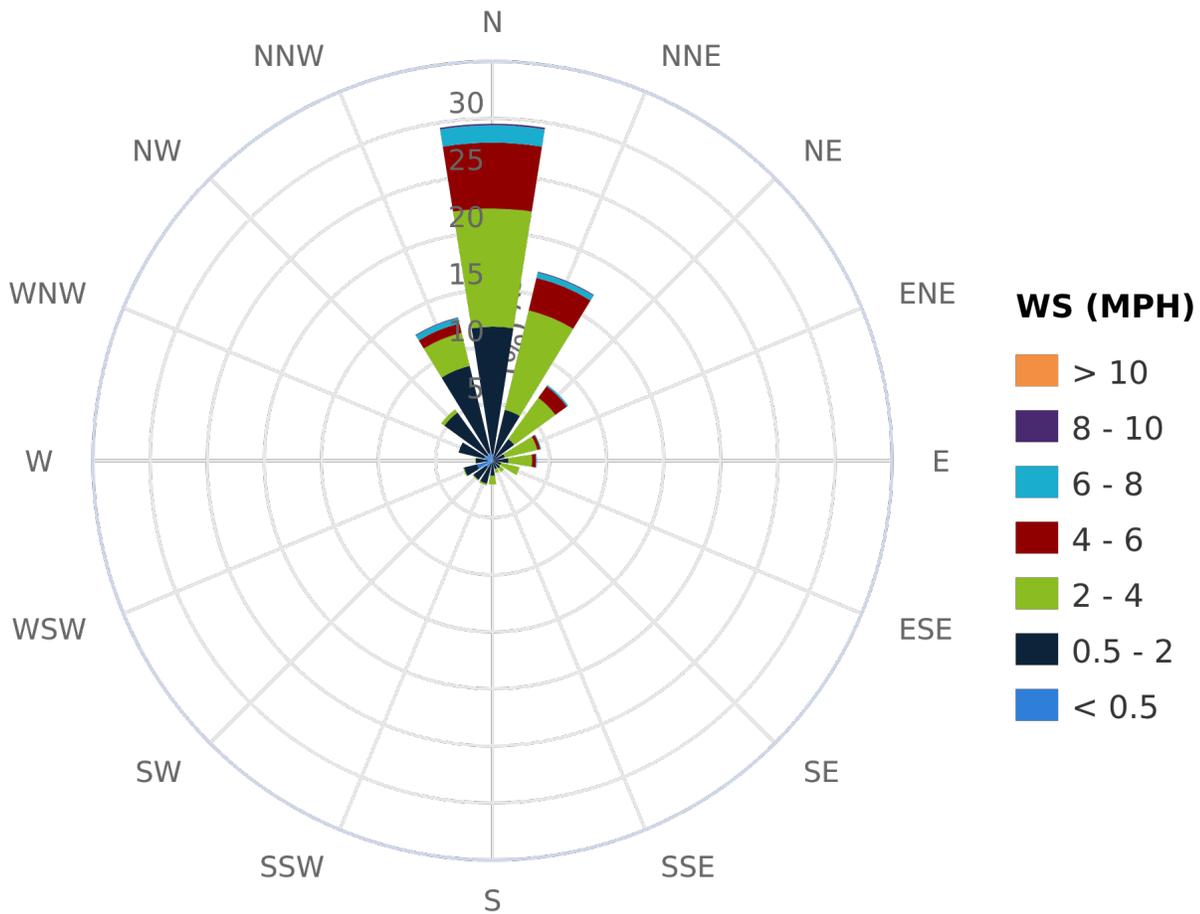


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

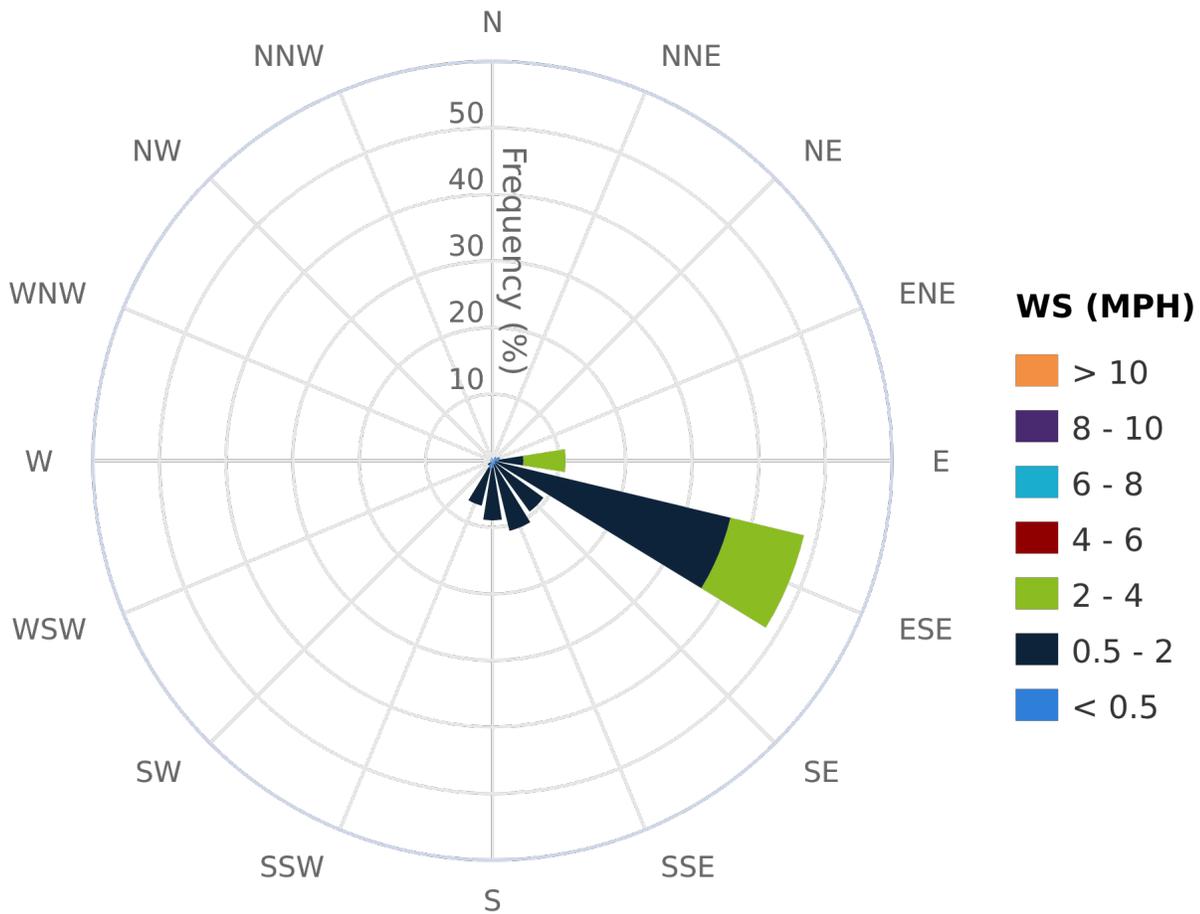


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

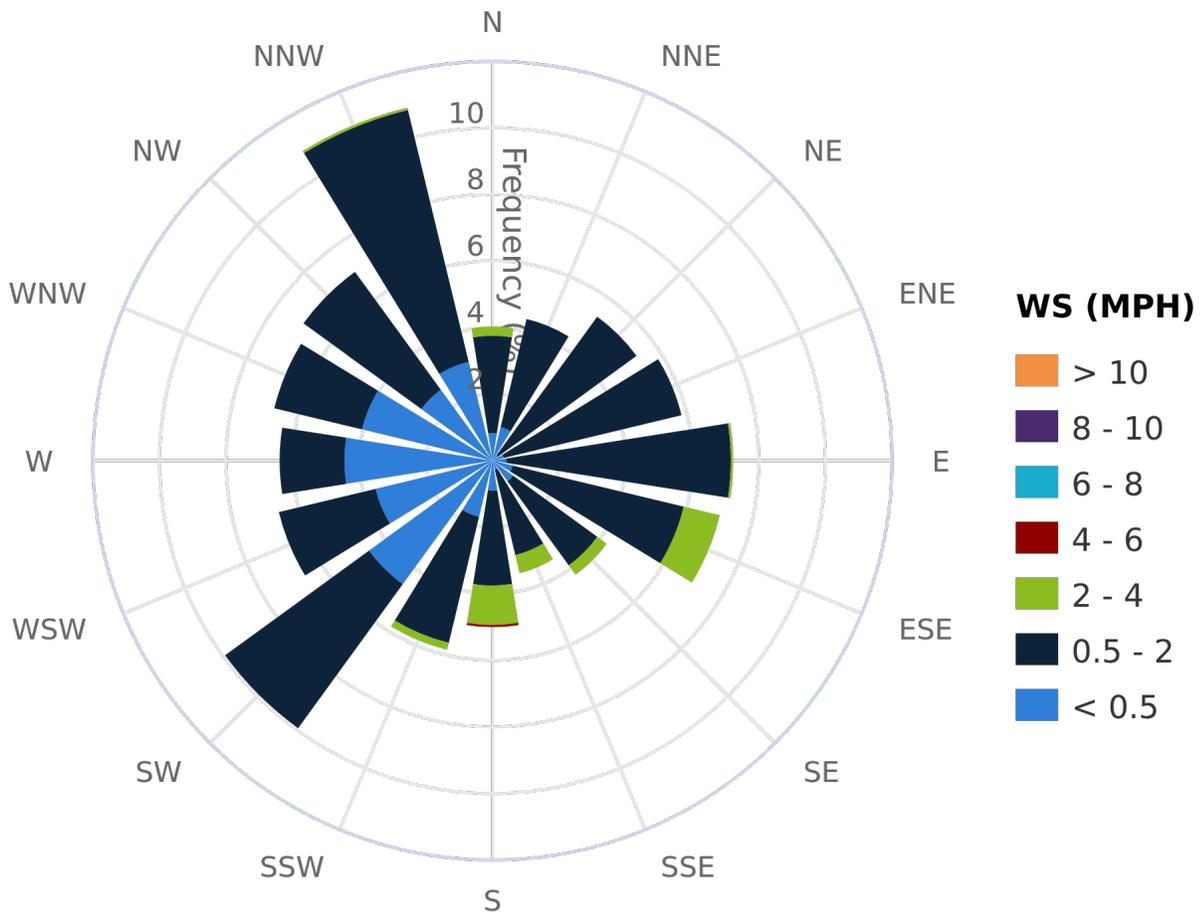


Figure 3 : Wind Rose Chart (WS in MPH)



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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	16.7	18.2	19.3	18.7	8.3	8.4	8.6	7.8	0.000	0.000	0.007	0.000
00:15:00	17.3	17.7	18.0	18.0	8.6	8.6	8.6	8.1	0.000	0.000	0.006	0.000
00:30:00	16.9	17.9	18.1	18.8	8.5	8.5	8.9	7.9	0.000	0.000	0.000	0.000
00:45:00	16.1	17.7	18.5	18.1	8.1	8.6	8.5	8.7	0.000	0.000	0.000	0.000
01:00:00	16.8	16.4	17.8	16.7	8.4	8.0	8.3	9.6	0.000	0.000	0.001	0.000
01:15:00	16.5	18.5	16.3	15.9	8.6	8.7	8.0	7.9	0.000	0.000	0.002	0.000
01:30:00	15.9	16.9	17.1	16.0	8.4	8.3	8.0	8.2	0.000	0.000	0.000	0.000
01:45:00	15.5	16.0	17.0	16.4	8.3	8.1	8.3	8.0	0.000	0.000	0.000	0.000
02:00:00	15.2	15.7	16.9	16.1	8.2	8.1	8.2	7.8	0.000	0.000	0.000	0.000
02:15:00	14.5	15.0	16.2	14.3	7.8	7.9	7.5	7.6	0.000	0.000	0.000	0.000
02:30:00	14.3	14.3	18.2	14.2	8.0	7.4	7.8	7.2	0.000	0.000	0.000	0.000
02:45:00	12.9	12.8	15.7	13.4	7.4	7.0	7.1	6.8	0.000	0.000	0.000	0.000
03:00:00	13.4	13.4	15.1	13.1	7.4	7.0	7.1	6.9	0.000	0.000	0.000	0.000
03:15:00	13.0	14.2	17.7	13.3	7.4	7.4	7.1	6.4	0.000	0.000	0.000	0.000
03:30:00	12.8	14.0	12.3	12.4	7.4	7.5	6.5	6.0	0.000	0.000	0.001	0.000
03:45:00	13.2	12.8	15.5	11.7	7.3	6.7	6.4	6.0	0.000	0.000	0.000	0.000
04:00:00	12.8	10.4	13.8	11.7	7.1	6.0	6.5	5.9	0.000	0.000	0.000	0.000
04:15:00	11.5	12.8	13.3	12.5	6.6	6.9	6.3	6.1	0.000	0.000	0.000	0.000
04:30:00	11.9	12.1	13.6	13.4	6.8	6.7	6.9	6.4	0.000	0.000	0.000	0.000
04:45:00	13.4	12.4	15.6	13.2	7.3	6.8	7.3	7.4	0.000	0.000	0.000	0.000
05:00:00	14.4	12.6	15.0	13.3	8.2	7.0	7.5	8.0	0.000	0.000	0.000	0.000
05:15:00	15.6	14.0	16.9	13.3	8.4	7.5	7.5	7.9	0.000	0.000	0.000	0.000
05:30:00	15.5	13.5	14.9	11.2	8.0	7.4	6.6	7.5	0.000	0.000	0.000	0.000
05:45:00	13.2	12.6	15.9	12.0	7.3	7.1	6.8	6.3	0.000	0.000	0.000	0.000
06:00:00	12.0	11.6	13.9	11.3	7.1	6.8	6.5	6.7	0.000	0.000	0.000	0.000
06:15:00	10.6	10.4	17.6	11.6	6.2	5.7	6.5	6.5	0.000	0.000	0.000	0.000
06:30:00	9.8	11.6	13.5	10.2	5.8	6.5	5.7	6.1	0.000	0.000	0.000	0.000
06:45:00	10.2	10.9	11.4	13.4	6.0	6.3	6.3	5.6	0.000	0.000	0.000	0.000
07:00:00	10.3	10.6	12.9	13.1	6.3	6.1	6.7	5.8	0.000	0.000	0.000	0.000
07:15:00	10.5	11.1	12.4	11.2	6.2	6.2	6.3	6.0	0.000	0.000	0.000	0.000
07:30:00	23.5	11.2	13.8	12.1	7.1	6.4	6.3	6.0	0.000	0.000	0.000	0.000
07:45:00	10.9	10.9	12.3	12.6	6.1	6.1	6.9	5.9	0.000	0.000	0.000	0.000
08:00:00	19.1	11.3	11.8	11.9	7.0	6.3	6.9	6.3	0.000	0.000	0.000	0.000
08:15:00	11.5	10.9	14.7	11.9	6.4	6.2	6.6	7.0	0.000	0.000	0.000	0.000
08:30:00	14.4	12.1	12.4	12.2	6.5	6.7	6.5	6.2	0.000	0.000	0.000	0.000
08:45:00	12.8	11.7	10.8	12.3	6.8	6.2	6.4	5.9	0.000	0.000	0.000	0.000
09:00:00	13.4	11.7	11.1	12.7	6.8	6.0	6.6	6.0	0.000	0.000	0.000	0.000
09:15:00	16.3	12.6	11.8	12.7	7.0	6.2	6.5	6.6	0.000	0.000	0.000	0.000
09:30:00	14.0	12.8	13.0	13.1	6.8	6.4	6.5	7.2	0.000	0.000	0.000	0.000
09:45:00	13.6	12.5	13.0	13.7	6.7	6.3	6.7	6.9	0.000	0.000	0.000	0.000
10:00:00	14.1	12.9	13.0	13.7	6.8	6.2	6.6	6.6	0.000	0.000	0.000	0.000
10:15:00	14.7	13.5	13.4	14.0	7.0	6.3	6.7	6.8	0.000	0.000	0.000	0.000
10:30:00	18.2	14.1	13.6	14.6	7.5	6.6	6.9	6.7	0.000	0.000	0.000	0.000
10:45:00	25.4	13.7	14.1	14.8	8.2	6.4	7.0	6.9	0.000	0.000	0.000	0.000
11:00:00	16.5	14.7	13.9	15.1	7.5	6.9	7.1	6.6	0.000	0.000	0.000	0.000
11:15:00	71.4	14.9	14.5	15.2	14.3	7.0	7.2	7.1	0.002	0.001	0.000	0.000
11:30:00	71.4	15.4	15.0	15.6	14.9	7.2	7.3	7.3	0.006	0.001	0.000	0.006
11:45:00	17.3	15.4	15.0	15.7	7.8	7.3	7.6	7.3	0.007	0.001	0.000	0.009



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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	24.4	15.4	14.9	15.3	8.8	7.4	7.4	7.4	0.007	0.001	0.000	0.013
12:15:00	20.8	15.3	14.4	15.3	8.4	7.3	7.4	7.3	0.001	0.001	0.000	0.015
12:30:00	16.0	14.8	14.7	15.2	7.8	7.3	7.5	7.3	0.000	0.001	0.000	0.015
12:45:00	18.8	14.6	13.9	14.7	8.1	7.2	7.2	7.1	0.000	0.001	0.000	0.014
13:00:00	17.1	14.6	14.1	14.9	7.5	7.2	7.4	7.1	0.000	0.000	0.000	0.010
13:15:00	34.3	14.0	15.7	14.2	9.2	7.0	7.3	7.0	0.000	0.000	0.000	0.006
13:30:00	27.9	14.3	13.8	14.1	9.0	7.0	7.1	6.9	0.000	0.000	0.000	0.002
13:45:00	35.1	13.6	13.0	14.8	9.6	6.9	7.3	7.0	0.000	0.000	0.000	0.000
14:00:00	16.9	13.1	12.8	13.8	7.2	6.5	6.9	6.6	0.000	0.000	0.000	0.000
14:15:00	30.3	13.1	12.9	13.7	8.8	6.7	7.0	6.8	0.000	0.000	0.000	0.000
14:30:00	52.8	13.1	12.6	14.3	12.3	6.6	7.0	6.7	0.000	0.000	0.000	0.000
14:45:00	40.9	13.3	12.8	15.0	10.1	6.6	7.3	6.7	0.000	0.000	0.000	0.000
15:00:00	30.1	13.4	13.0	13.5	8.8	6.6	6.8	6.7	0.000	0.000	0.000	0.000
15:15:00	15.2	12.9	12.2	13.2	7.1	6.6	6.7	6.4	0.000	0.000	0.000	0.000
15:30:00	30.8	12.4	12.3	12.6	9.3	6.4	6.4	6.2	0.000	0.000	0.000	0.000
15:45:00	26.8	12.3	11.6	11.7	8.1	6.0	6.1	6.1	0.000	0.000	0.000	0.000
16:00:00	175.7	14.4	11.2	11.7	25.6	6.7	6.0	5.9	0.000	0.000	0.000	0.000
16:15:00	20.9	13.1	11.2	13.0	7.4	6.1	6.2	5.8	0.000	0.000	0.000	0.000
16:30:00	29.0	12.0	11.7	12.1	8.0	6.0	6.1	5.9	0.000	0.000	0.000	0.000
16:45:00	12.5	12.1	11.9	11.6	6.4	6.1	6.1	6.0	0.000	0.000	0.000	0.000
17:00:00	12.1	12.0	11.3	11.4	6.1	6.1	5.9	5.8	0.000	0.000	0.000	0.000
17:15:00	12.0	12.3	11.4	11.5	6.0	5.9	5.9	5.9	0.000	0.000	0.000	0.000
17:30:00	12.4	12.7	11.7	11.7	6.1	6.0	6.0	5.9	0.000	0.000	0.000	0.000
17:45:00	19.8	13.6	11.8	12.4	7.0	6.2	6.2	6.1	0.000	0.000	0.000	0.000
18:00:00	17.8	12.5	11.8	12.6	6.8	6.3	6.4	6.1	0.000	0.000	0.000	0.000
18:15:00	20.5	12.4	11.7	12.3	7.2	6.1	6.2	6.0	0.000	0.000	0.000	0.000
18:30:00	16.2	12.6	11.8	12.7	6.9	6.2	6.3	6.1	0.000	0.000	0.000	0.000
18:45:00	22.8	13.3	12.2	12.8	7.8	6.4	6.6	6.3	0.000	0.000	0.000	0.000
19:00:00	14.1	13.5	12.5	13.5	6.9	6.6	7.0	6.7	0.000	0.000	0.000	0.000
19:15:00	211.9	13.8	12.7	13.6	23.9	6.8	6.9	6.6	0.000	0.001	0.000	0.000
19:30:00	83.8	15.6	13.0	13.8	14.8	6.9	7.0	6.6	0.003	0.001	0.000	0.001
19:45:00	14.7	14.5	13.1	14.4	7.4	6.7	7.1	6.6	0.018	0.002	0.005	0.005
20:00:00	21.1	14.5	13.7	15.3	8.3	6.8	7.7	7.3	0.030	0.001	0.016	0.007
20:15:00	16.7	14.6	13.3	14.7	7.8	6.7	7.2	6.8	0.036	0.001	0.026	0.007
20:30:00	58.2	14.4	13.3	14.5	12.1	6.6	7.0	6.6	0.036	0.001	0.031	0.008
20:45:00	15.2	14.3	13.5	14.2	7.4	6.6	7.0	6.6	0.036	0.001	0.036	0.007
21:00:00	19.0	14.7	13.1	13.9	7.5	6.6	6.8	6.5	0.036	0.001	0.037	0.007
21:15:00	14.7	14.8	12.8	14.2	7.0	6.6	6.9	6.4	0.035	0.000	0.037	0.003
21:30:00	13.8	14.1	12.6	13.8	6.8	6.6	6.9	6.6	0.033	0.001	0.036	0.002
21:45:00	14.2	14.4	12.5	13.8	6.8	6.6	6.9	6.4	0.029	0.000	0.033	0.000
22:00:00	19.8	14.3	13.1	13.9	7.5	6.5	6.8	6.3	0.024	0.000	0.031	0.000
22:15:00	14.7	14.3	13.4	14.2	7.2	6.8	7.0	6.6	0.019	0.000	0.029	0.000
22:30:00	19.5	15.3	13.7	14.9	7.9	7.0	7.6	6.9	0.015	0.000	0.025	0.000
22:45:00	15.4	14.8	16.0	15.3	8.0	7.3	7.8	7.3	0.013	0.000	0.022	0.000
23:00:00	15.8	15.5	17.2	15.6	8.3	7.8	7.9	7.4	0.009	0.000	0.020	0.000
23:15:00	15.4	15.4	15.7	14.9	8.3	7.8	7.6	7.3	0.004	0.000	0.017	0.000
23:30:00	15.0	15.2	14.2	14.8	7.9	7.5	7.4	6.9	0.000	0.000	0.016	0.000
23:45:00	14.7	14.8	13.1	14.6	7.5	7.4	7.2	6.7	0.000	0.000	0.010	0.000

