



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-02

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 6.241	2943 SE	3061 SSW	2996 SE	2997 N	Min : 68.54 Max : 106.2	Min : 37.50 Max : 88.30	Min : 29.92 Max : 30.67

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	14.4	78.7	6.0	13.9	0.025	0.171
2996	11.3	18.2	5.2	8.7	0.018	0.139
2997	14.5	29.7	5.3	9.7	0.007	0.048
3061	12.1	28.5	5.2	14.7	0.002	0.016



Figure 1 : Monitoring Locations

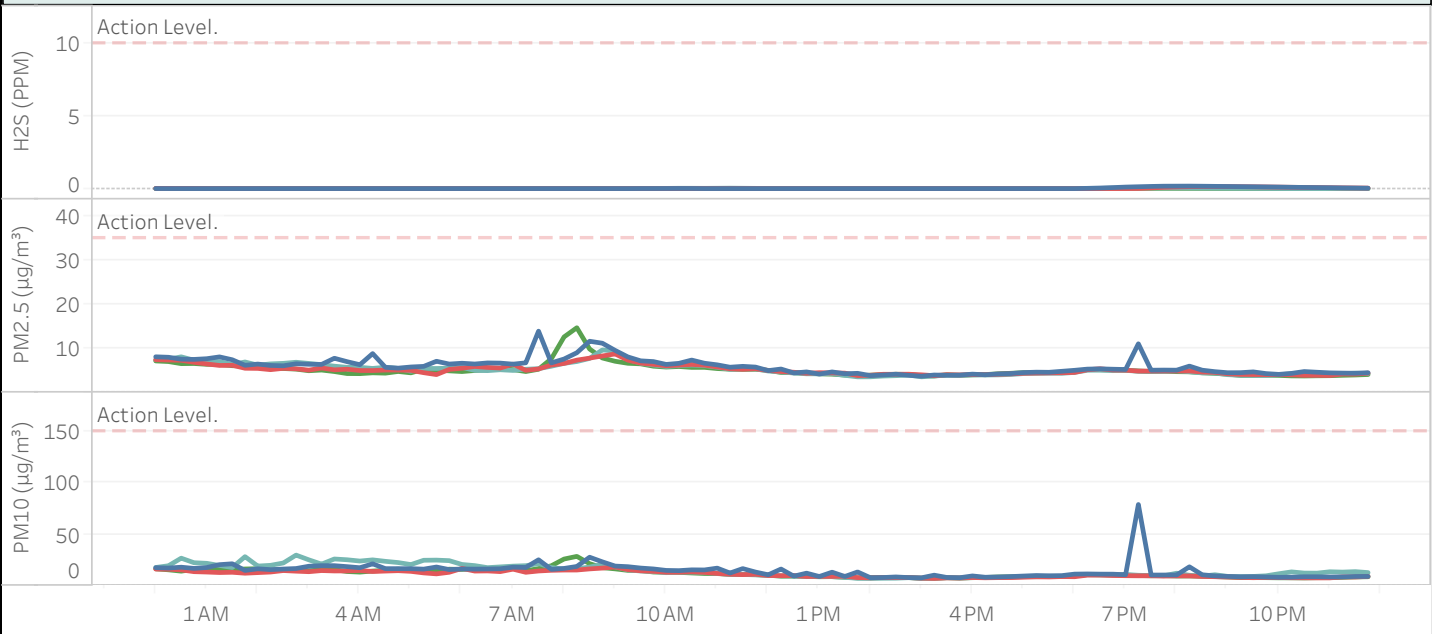


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

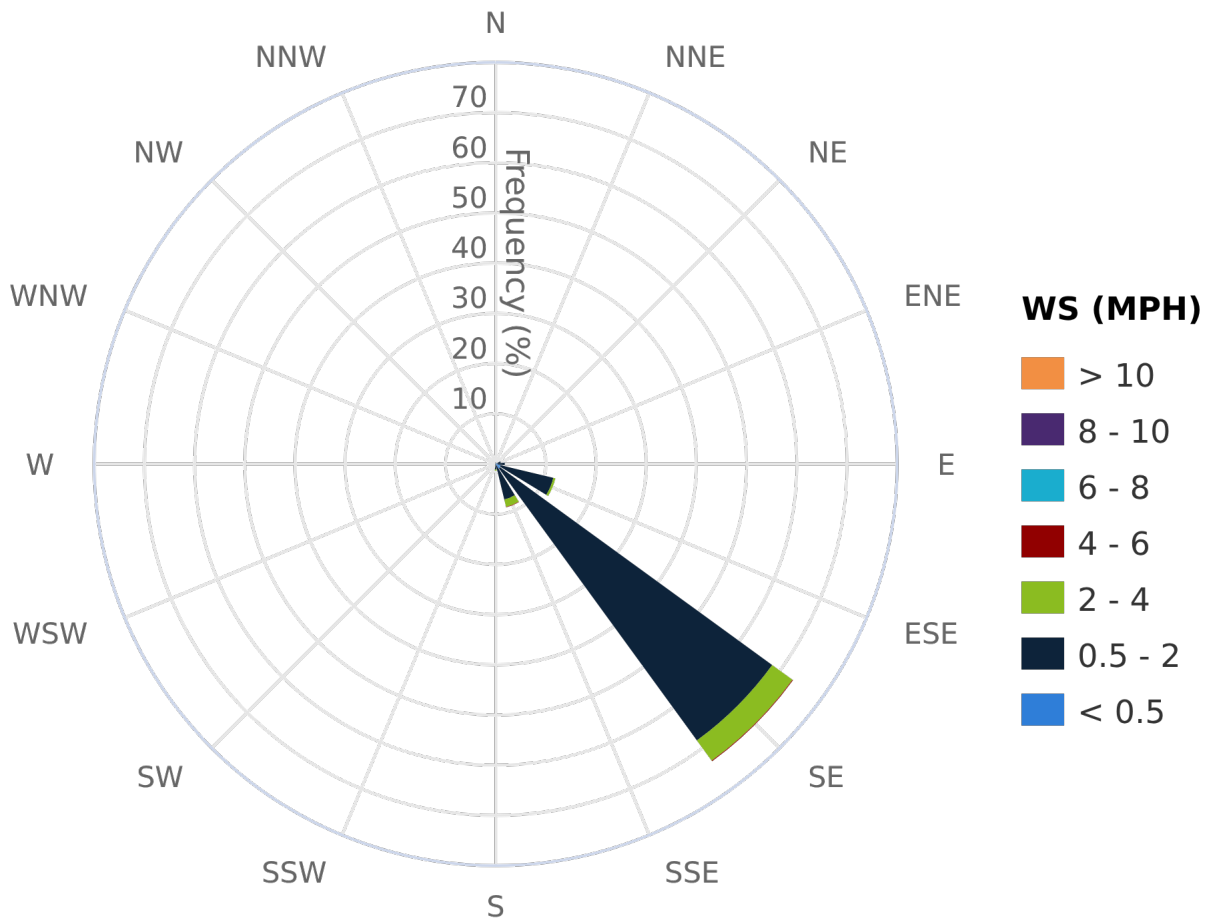


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

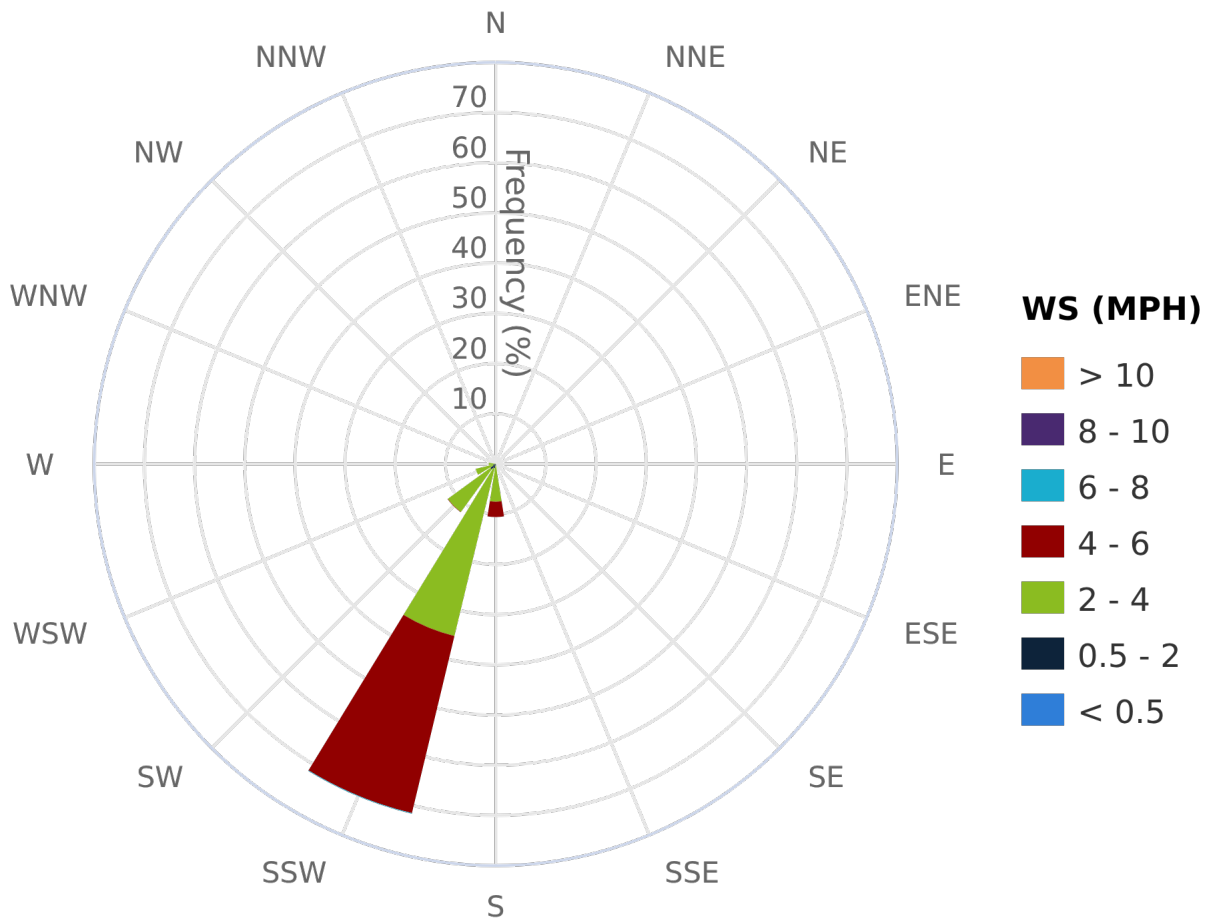


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

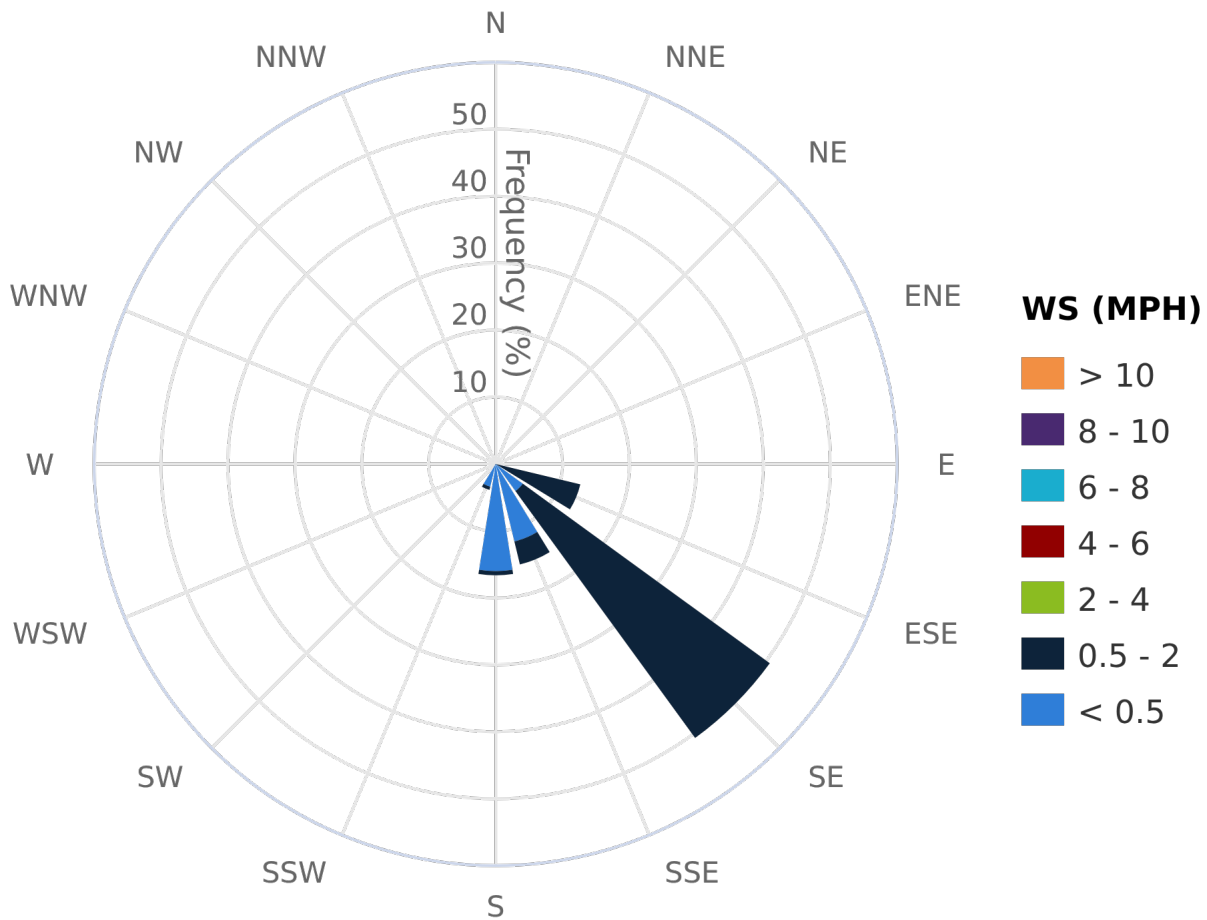


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

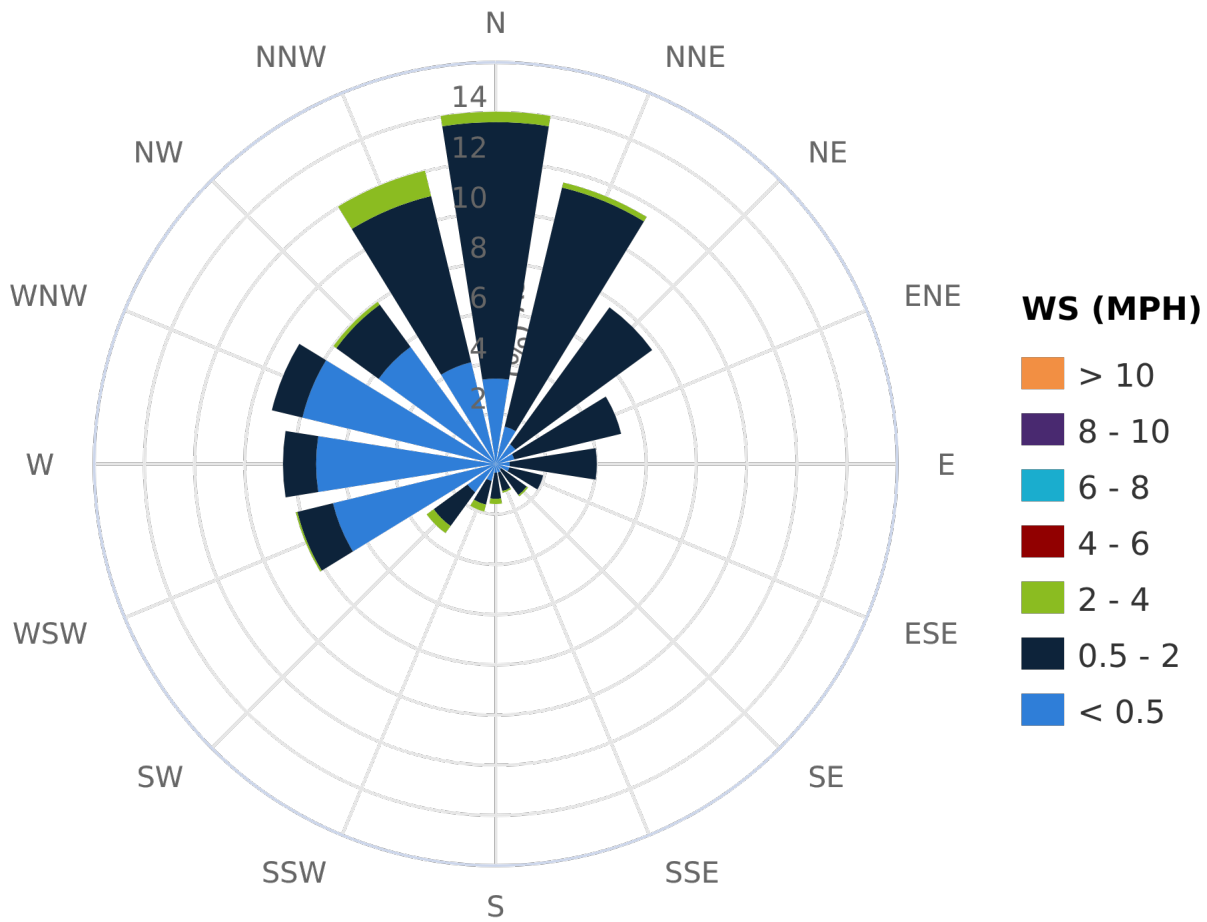


Figure 3 : Wind Rose Chart (WS in MPH)



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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	17.5	16.4	17.7	16.2	8.1	7.2	7.4	7.4	0.004	0.000	0.014	0.000
00:15:00	17.2	15.4	19.4	16.0	8.0	7.0	7.4	7.6	0.001	0.000	0.011	0.000
00:30:00	18.0	14.1	26.7	15.4	7.6	6.6	7.3	8.1	0.000	0.000	0.008	0.000
00:45:00	16.8	15.9	22.3	13.7	7.5	6.6	6.9	7.3	0.000	0.000	0.006	0.000
01:00:00	17.7	16.1	21.7	13.3	7.7	6.4	6.5	7.1	0.000	0.000	0.003	0.000
01:15:00	20.4	16.0	19.7	12.8	8.1	6.4	6.1	7.0	0.000	0.000	0.001	0.000
01:30:00	21.3	15.5	17.7	13.1	7.4	6.1	6.2	6.4	0.000	0.000	0.001	0.000
01:45:00	14.8	16.3	28.2	12.2	6.2	6.0	5.5	6.9	0.000	0.000	0.000	0.000
02:00:00	16.4	16.5	19.1	12.7	6.5	5.8	5.5	6.2	0.000	0.000	0.000	0.000
02:15:00	15.6	15.4	19.8	13.3	6.2	5.5	5.2	6.5	0.000	0.000	0.000	0.000
02:30:00	16.2	15.4	22.1	14.7	6.1	5.4	5.5	6.6	0.000	0.000	0.000	0.000
02:45:00	16.7	14.9	29.7	14.1	6.5	5.3	5.4	6.9	0.000	0.000	0.000	0.000
03:00:00	18.9	14.6	25.1	13.6	6.4	4.9	5.1	6.6	0.000	0.000	0.000	0.000
03:15:00	19.5	15.4	21.0	14.7	6.4	5.1	5.6	6.3	0.000	0.000	0.000	0.000
03:30:00	19.5	15.6	25.9	14.3	7.8	4.8	5.2	6.0	0.000	0.000	0.000	0.000
03:45:00	18.5	13.8	25.2	14.4	7.0	4.3	5.3	5.7	0.000	0.000	0.000	0.000
04:00:00	17.5	13.2	23.9	14.8	6.3	4.3	5.0	5.7	0.000	0.000	0.000	0.000
04:15:00	21.3	14.2	25.1	13.8	8.8	4.5	5.0	5.5	0.000	0.000	0.000	0.000
04:30:00	16.6	15.0	23.7	14.2	5.7	4.4	5.1	5.7	0.000	0.000	0.000	0.000
04:45:00	16.6	16.1	22.5	14.6	5.5	4.8	5.1	5.5	0.000	0.000	0.000	0.000
05:00:00	16.6	14.7	20.5	13.9	5.8	4.5	5.0	4.8	0.000	0.000	0.000	0.000
05:15:00	16.1	15.4	24.7	12.4	5.9	5.3	4.5	5.5	0.000	0.000	0.000	0.000
05:30:00	18.2	14.2	24.9	11.5	7.1	5.1	4.1	5.5	0.000	0.000	0.000	0.000
05:45:00	15.7	16.1	24.3	13.1	6.5	4.9	5.2	5.5	0.000	0.000	0.000	0.000
06:00:00	16.2	15.8	20.6	16.8	6.6	4.8	5.5	5.7	0.000	0.000	0.000	0.000
06:15:00	16.1	16.6	19.5	14.2	6.5	5.0	5.9	5.0	0.000	0.000	0.000	0.000
06:30:00	16.3	15.9	17.6	14.4	6.7	5.2	5.7	5.0	0.000	0.000	0.000	0.000
06:45:00	16.5	17.3	18.3	13.7	6.7	5.4	5.6	5.2	0.000	0.000	0.000	0.000
07:00:00	18.0	16.8	19.0	16.1	6.4	5.2	6.5	5.0	0.000	0.000	0.000	0.000
07:15:00	17.7	14.5	19.5	13.0	6.7	4.8	5.0	5.3	0.000	0.000	0.000	0.000
07:30:00	25.2	16.7	21.5	14.3	13.9	5.3	5.4	5.4	0.000	0.000	0.000	0.000
07:45:00	15.9	19.4	17.7	15.0	6.7	7.6	6.2	6.0	0.000	0.000	0.000	0.000
08:00:00	16.8	25.9	16.1	15.2	7.6	12.6	6.6	6.6	0.000	0.000	0.000	0.000
08:15:00	18.7	28.5	16.6	15.2	9.0	14.7	7.3	7.0	0.000	0.000	0.000	0.000
08:30:00	27.7	21.4	18.1	16.3	11.6	9.9	7.8	7.7	0.000	0.000	0.000	0.000
08:45:00	23.2	17.5	20.8	17.1	11.2	7.8	8.3	9.7	0.000	0.000	0.000	0.000
09:00:00	19.1	16.4	18.2	18.2	9.5	7.1	8.7	9.4	0.000	0.000	0.000	0.000
09:15:00	18.5	14.9	15.4	15.6	8.1	6.6	7.3	7.5	0.000	0.001	0.000	0.000
09:30:00	17.2	14.8	14.3	14.5	7.2	6.5	6.7	6.7	0.004	0.000	0.000	0.000
09:45:00	16.3	13.3	13.8	14.0	7.0	6.0	6.4	6.3	0.005	0.000	0.000	0.001
10:00:00	14.9	13.1	12.7	13.1	6.4	5.8	6.1	5.9	0.007	0.000	0.000	0.015
10:15:00	14.7	12.9	13.2	13.1	6.6	5.9	6.2	6.1	0.010	0.000	0.000	0.022
10:30:00	15.4	12.4	13.2	13.5	7.4	5.7	6.4	6.2	0.008	0.000	0.000	0.022
10:45:00	15.3	11.9	12.9	13.0	6.6	5.7	6.2	6.1	0.000	0.000	0.000	0.019
11:00:00	17.1	11.8	11.9	11.9	6.3	5.4	5.8	5.8	0.000	0.000	0.000	0.024
11:15:00	12.3	11.1	11.0	11.1	5.7	5.3	5.4	5.3	0.000	0.000	0.000	0.031
11:30:00	16.6	10.9	10.8	10.8	5.9	5.3	5.3	5.4	0.000	0.000	0.000	0.024
11:45:00	13.3	10.7	10.7	11.1	5.8	5.3	5.4	5.4	0.000	0.000	0.000	0.017



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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	10.6	10.2	10.0	9.9	5.0	5.0	5.0	4.9	0.000	0.000	0.000	0.007
12:15:00	16.2	9.2	9.7	9.8	5.3	4.6	4.8	4.7	0.000	0.000	0.000	0.000
12:30:00	9.3	9.3	9.4	9.9	4.4	4.5	4.6	4.4	0.000	0.000	0.000	0.000
12:45:00	12.2	9.0	8.8	9.0	4.7	4.4	4.4	4.3	0.000	0.000	0.000	0.000
13:00:00	9.0	8.7	9.1	9.2	4.2	4.3	4.5	4.2	0.000	0.000	0.000	0.000
13:15:00	13.2	8.8	8.8	9.0	4.7	4.2	4.5	4.3	0.000	0.000	0.000	0.000
13:30:00	9.0	8.1	8.2	9.2	4.3	4.0	4.4	3.9	0.000	0.000	0.000	0.000
13:45:00	13.4	7.7	7.2	7.9	4.4	3.8	3.9	3.6	0.000	0.000	0.000	0.000
14:00:00	7.8	7.9	7.0	7.7	3.8	4.0	3.9	3.6	0.000	0.000	0.000	0.000
14:15:00	8.0	7.9	7.3	8.0	4.0	4.1	4.2	3.8	0.000	0.000	0.000	0.000
14:30:00	8.5	8.0	7.3	7.9	4.2	4.2	4.2	3.8	0.000	0.000	0.000	0.000
14:45:00	7.9	7.9	7.8	7.9	3.9	4.1	4.2	4.0	0.000	0.000	0.000	0.000
15:00:00	7.7	7.4	6.9	7.4	3.7	3.8	4.0	3.6	0.000	0.000	0.000	0.000
15:15:00	10.3	7.2	7.3	7.1	4.0	3.8	3.8	3.7	0.000	0.000	0.000	0.000
15:30:00	8.0	7.8	7.8	7.6	3.9	4.0	4.1	4.0	0.000	0.000	0.000	0.000
15:45:00	7.8	7.4	7.5	7.5	4.0	3.9	4.0	3.8	0.000	0.000	0.000	0.000
16:00:00	9.5	7.8	7.9	8.0	4.2	4.0	4.1	4.0	0.000	0.000	0.000	0.000
16:15:00	8.3	8.1	8.0	7.7	4.0	4.1	4.1	4.0	0.000	0.000	0.000	0.000
16:30:00	8.5	8.5	8.0	7.9	4.2	4.3	4.2	4.0	0.000	0.000	0.000	0.000
16:45:00	8.9	8.7	8.3	7.9	4.3	4.4	4.2	4.1	0.000	0.000	0.000	0.000
17:00:00	9.4	9.0	8.8	8.3	4.5	4.5	4.4	4.3	0.000	0.000	0.000	0.000
17:15:00	9.9	9.0	8.7	8.7	4.6	4.5	4.4	4.4	0.000	0.000	0.000	0.000
17:30:00	9.7	9.2	8.9	8.5	4.6	4.5	4.5	4.4	0.000	0.000	0.000	0.000
17:45:00	9.8	9.1	9.1	8.9	4.8	4.6	4.5	4.4	0.000	0.000	0.000	0.000
18:00:00	11.3	9.5	9.5	8.7	5.0	4.7	4.6	4.6	0.000	0.000	0.000	0.000
18:15:00	11.5	10.7	11.0	10.3	5.3	5.2	5.2	5.1	0.019	0.005	0.000	0.003
18:30:00	11.3	10.5	10.7	10.3	5.4	5.2	5.4	5.1	0.041	0.009	0.000	0.014
18:45:00	11.2	10.5	10.4	9.9	5.3	5.1	5.1	5.0	0.071	0.011	0.000	0.029
19:00:00	10.7	10.3	10.9	9.7	5.2	5.1	5.1	5.0	0.105	0.013	0.000	0.036
19:15:00	78.7	9.9	10.2	9.6	11.0	4.9	4.9	4.8	0.128	0.014	0.007	0.044
19:30:00	10.4	9.6	9.9	9.7	5.1	4.8	4.9	4.8	0.150	0.015	0.046	0.048
19:45:00	10.4	9.9	9.7	9.3	5.1	4.8	4.9	4.8	0.166	0.016	0.088	0.047
20:00:00	10.5	9.4	12.2	9.6	5.1	4.7	4.9	4.9	0.169	0.015	0.114	0.046
20:15:00	18.4	9.5	10.2	9.5	6.0	4.7	4.9	4.7	0.171	0.013	0.130	0.041
20:30:00	10.7	9.2	9.4	9.0	5.1	4.5	4.7	4.5	0.164	0.012	0.138	0.037
20:45:00	9.5	8.9	10.7	8.8	4.7	4.4	4.6	4.4	0.155	0.011	0.139	0.032
21:00:00	9.0	8.5	9.1	8.4	4.5	4.2	4.3	4.1	0.146	0.010	0.137	0.027
21:15:00	8.7	7.9	8.9	8.1	4.5	3.9	4.1	3.9	0.136	0.009	0.131	0.021
21:30:00	8.8	7.9	9.1	7.8	4.7	3.9	4.1	3.9	0.126	0.008	0.123	0.017
21:45:00	8.5	7.8	9.7	8.1	4.3	3.9	4.1	3.9	0.115	0.007	0.112	0.011
22:00:00	8.2	7.7	11.6	7.9	4.1	3.9	4.1	4.1	0.105	0.006	0.102	0.006
22:15:00	8.3	7.7	13.5	7.8	4.4	3.8	4.0	4.3	0.092	0.005	0.091	0.001
22:30:00	8.7	7.6	12.3	7.7	4.8	3.8	3.9	4.1	0.081	0.004	0.079	0.000
22:45:00	8.7	7.8	12.2	7.6	4.6	3.8	3.9	4.0	0.072	0.003	0.072	0.000
23:00:00	8.5	7.8	13.6	7.6	4.5	3.8	3.9	4.2	0.063	0.002	0.062	0.000
23:15:00	8.6	8.1	13.2	8.5	4.4	3.9	4.2	4.3	0.050	0.001	0.051	0.000
23:30:00	9.0	8.5	13.7	8.5	4.4	4.0	4.2	4.4	0.041	0.000	0.043	0.000
23:45:00	9.0	8.7	12.8	9.0	4.5	4.1	4.4	4.3	0.028	0.000	0.035	0.000

