



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-01

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.112 to 7.628	2943 ESE	3061 N	2996 SE	2997 ENE	Min : 55.40 Max : 92.12	Min : 40.30 Max : 85.90	Min : 30.07 Max : 30.31

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	27.0	159.0	11.1	27.1	0.010	0.076
2996	21.4	90.0	9.9	21.3	0.009	0.064
2997	19.3	51.6	9.1	15.8	0.003	0.025
3061	19.5	34.8	10.0	20.9	0.000	0.004



Figure 1 : Monitoring Locations

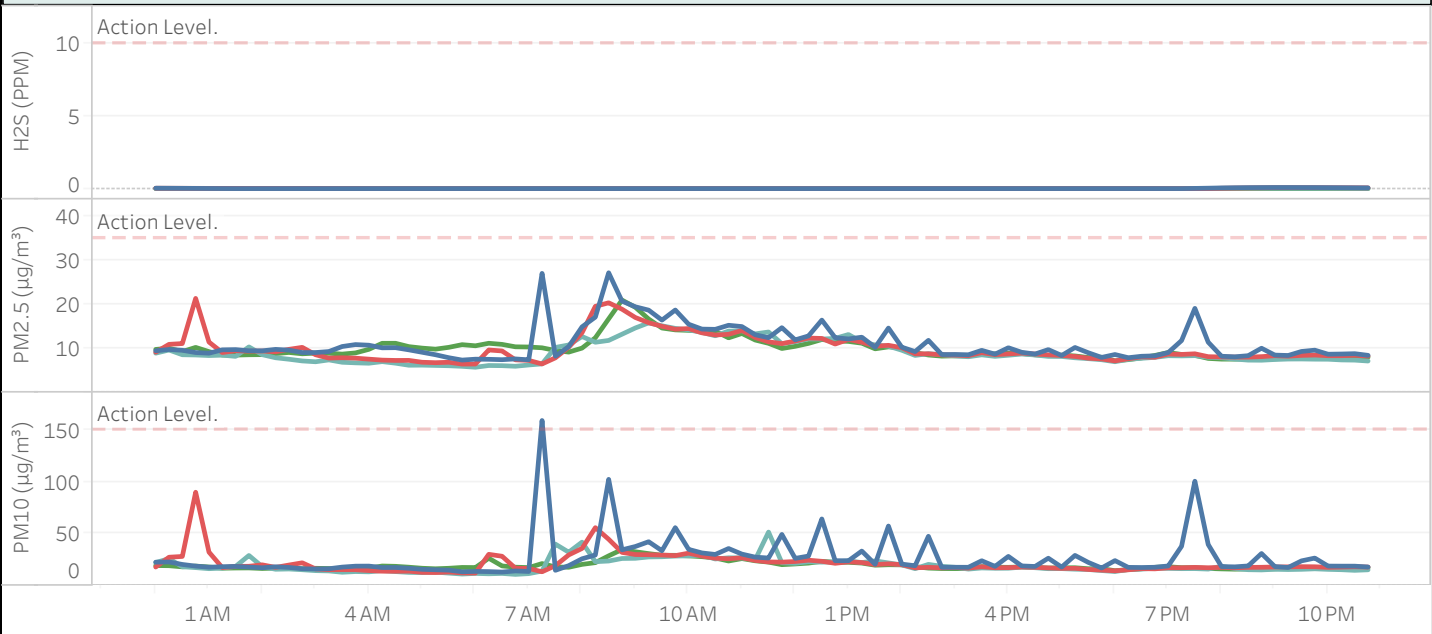


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

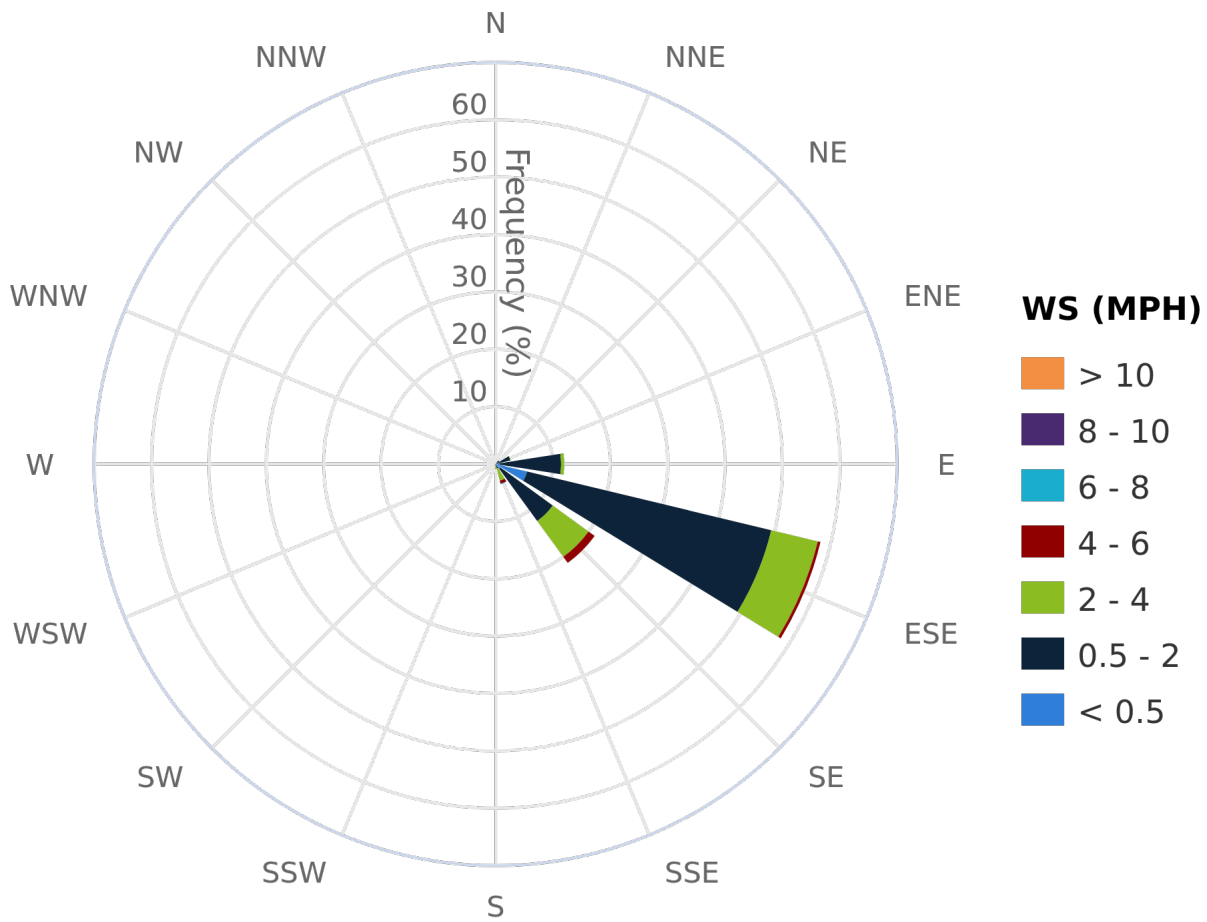


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

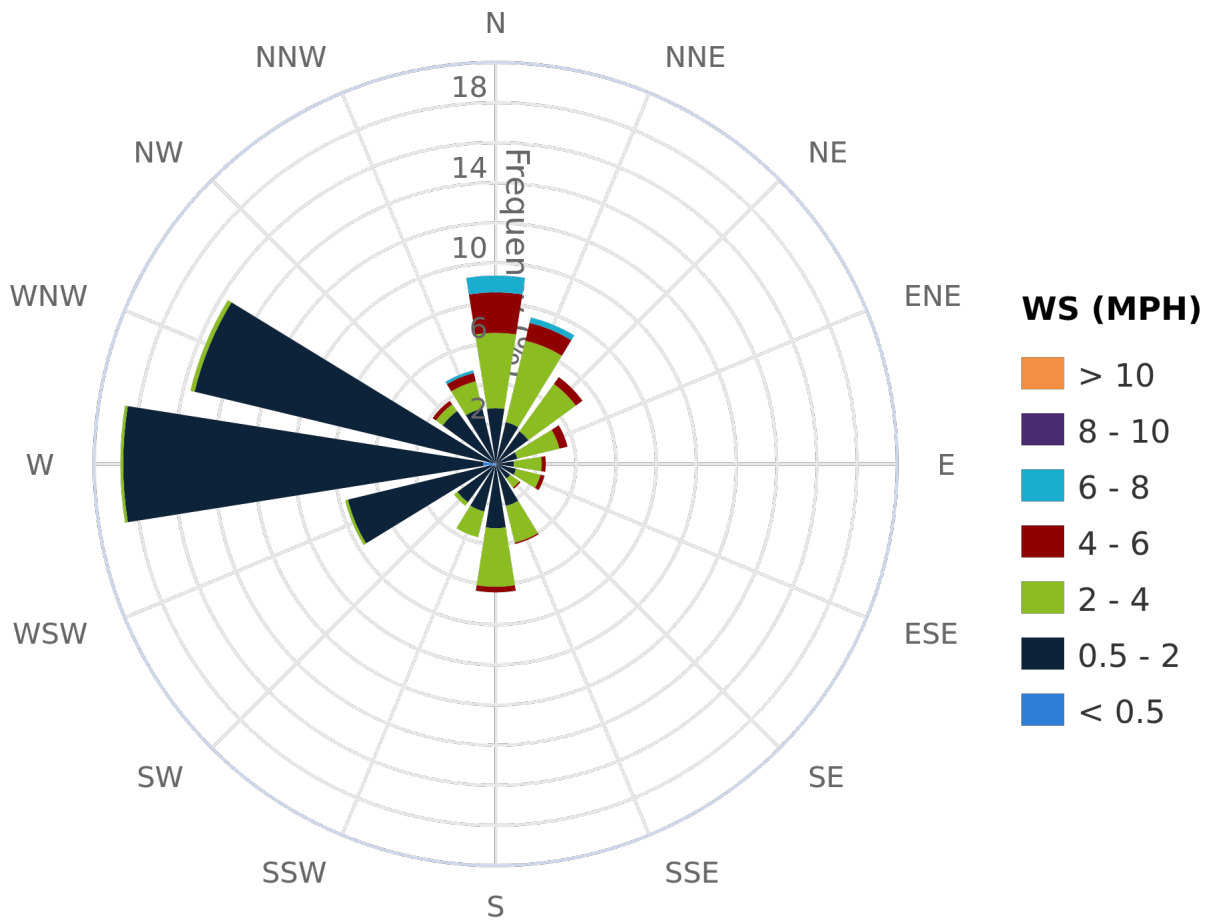


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

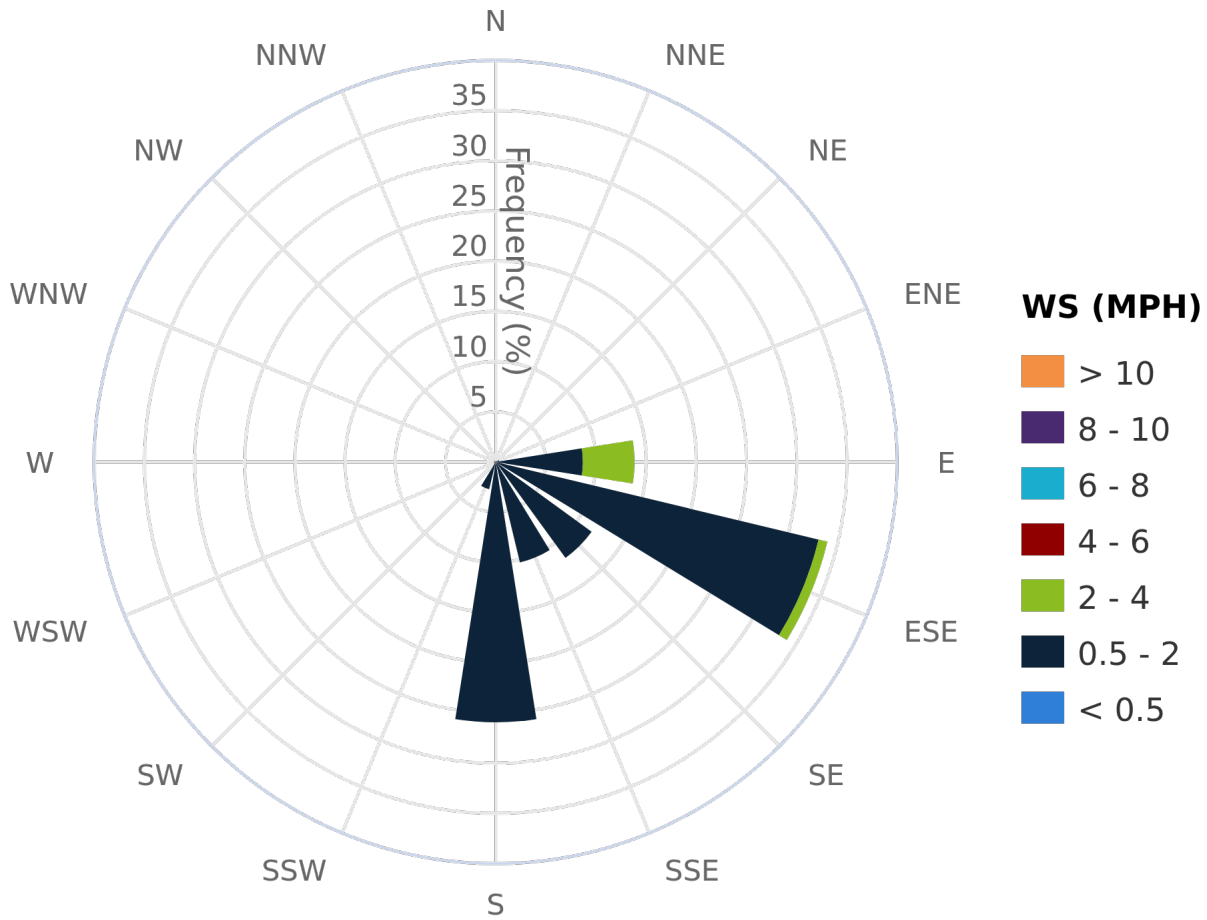


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

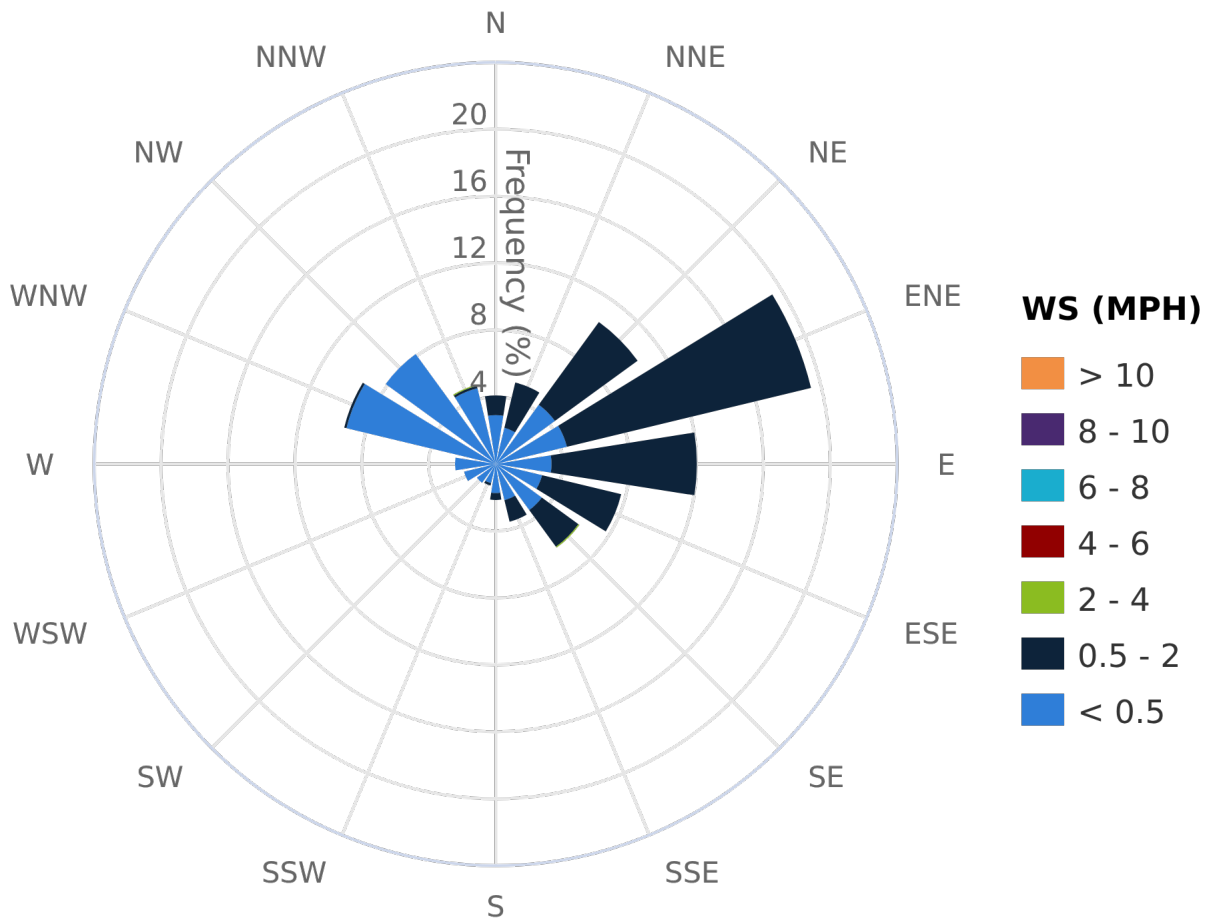


Figure 3 : Wind Rose Chart (WS in MPH)



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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	22.7	19.4	22.3	18.0	9.5	9.8	9.1	8.9	0.029	0.000	0.025	0.000
00:15:00	22.9	19.3	26.1	27.5	9.7	10.0	10.9	9.6	0.025	0.000	0.023	0.000
00:30:00	20.5	18.2	18.3	28.2	9.6	9.3	11.1	8.6	0.021	0.000	0.021	0.000
00:45:00	18.9	19.0	17.5	90.0	9.1	10.2	21.3	8.5	0.015	0.000	0.018	0.000
01:00:00	17.8	18.1	16.4	32.4	8.9	9.3	11.4	8.4	0.009	0.000	0.016	0.000
01:15:00	18.4	16.9	17.0	17.4	9.7	8.5	9.1	8.5	0.004	0.000	0.016	0.000
01:30:00	18.6	17.1	18.6	18.6	9.7	8.5	9.5	8.2	0.000	0.000	0.011	0.000
01:45:00	18.0	17.2	29.1	18.8	9.5	8.6	9.4	10.3	0.000	0.000	0.009	0.000
02:00:00	17.3	16.6	18.3	20.1	9.5	8.6	9.4	8.6	0.000	0.000	0.009	0.000
02:15:00	18.3	17.0	15.9	17.7	9.8	8.8	9.2	7.9	0.000	0.000	0.010	0.000
02:30:00	17.6	17.5	16.1	19.9	9.6	9.1	9.8	7.5	0.000	0.000	0.008	0.000
02:45:00	16.4	16.4	15.4	22.1	9.1	8.8	10.2	7.2	0.000	0.000	0.006	0.000
03:00:00	16.2	16.8	14.6	16.2	9.1	8.9	8.6	7.0	0.000	0.000	0.007	0.000
03:15:00	16.4	16.6	14.3	15.5	9.3	8.9	7.8	7.4	0.000	0.000	0.005	0.000
03:30:00	18.0	15.8	13.0	15.5	10.4	8.7	7.9	6.9	0.000	0.000	0.003	0.000
03:45:00	18.9	16.4	13.7	15.5	10.9	9.0	7.8	6.7	0.000	0.000	0.002	0.000
04:00:00	18.9	16.9	13.4	14.6	10.7	9.8	7.6	6.6	0.000	0.000	0.001	0.000
04:15:00	17.5	19.0	14.6	14.0	10.1	11.2	7.4	7.0	0.000	0.000	0.000	0.000
04:30:00	17.6	18.7	13.6	14.0	10.2	11.2	7.3	6.7	0.000	0.000	0.000	0.000
04:45:00	16.9	17.9	12.9	14.1	9.7	10.4	7.3	6.2	0.000	0.000	0.000	0.000
05:00:00	15.8	16.9	12.6	12.9	9.1	10.1	6.9	6.2	0.000	0.000	0.000	0.000
05:15:00	15.4	16.3	13.1	12.7	8.6	9.8	6.8	6.1	0.000	0.000	0.000	0.000
05:30:00	15.0	16.8	12.2	13.2	7.9	10.2	6.9	6.1	0.000	0.000	0.000	0.000
05:45:00	13.5	17.6	11.3	12.4	7.4	10.8	6.5	5.9	0.000	0.000	0.000	0.000
06:00:00	13.8	17.5	11.9	12.2	7.6	10.6	6.5	5.7	0.000	0.000	0.000	0.000
06:15:00	13.6	26.5	11.5	30.2	7.5	11.2	9.6	6.1	0.000	0.000	0.000	0.000
06:30:00	13.2	19.1	11.9	28.4	7.4	10.9	9.4	6.1	0.000	0.000	0.000	0.000
06:45:00	14.3	17.9	10.9	16.9	7.6	10.4	7.4	6.0	0.000	0.000	0.000	0.000
07:00:00	13.7	17.5	11.7	16.7	7.4	10.3	7.3	6.3	0.000	0.000	0.000	0.000
07:15:00	159.0	21.4	14.1	13.5	27.0	10.1	6.5	6.5	0.000	0.000	0.000	0.000
07:30:00	14.9	18.1	40.1	19.3	8.2	9.5	7.9	10.2	0.000	0.000	0.000	0.000
07:45:00	19.3	17.8	32.3	29.7	10.4	9.2	10.3	10.8	0.000	0.000	0.000	0.000
08:00:00	25.9	20.6	42.0	35.9	14.9	10.1	13.5	12.7	0.000	0.000	0.000	0.000
08:15:00	29.6	22.2	23.2	55.9	17.1	12.4	19.5	11.4	0.000	0.000	0.000	0.000
08:30:00	102.4	28.8	23.8	44.7	27.1	16.7	20.3	11.8	0.000	0.000	0.000	0.000
08:45:00	34.6	34.8	26.2	32.1	20.7	20.9	18.9	13.2	0.000	0.000	0.000	0.000
09:00:00	37.8	32.7	26.4	30.0	19.4	19.3	17.0	14.6	0.000	0.000	0.000	0.000
09:15:00	42.4	30.9	27.7	29.9	18.6	16.6	15.8	15.8	0.000	0.000	0.000	0.000
09:30:00	33.7	29.3	27.9	29.6	16.4	14.6	15.0	15.1	0.000	0.000	0.000	0.000
09:45:00	55.9	29.3	28.5	29.0	18.7	14.2	14.3	14.5	0.000	0.000	0.000	0.000
10:00:00	35.0	28.7	28.8	31.4	15.5	14.1	14.5	14.2	0.000	0.000	0.000	0.000
10:15:00	31.6	28.0	29.4	28.6	14.4	13.9	13.5	13.6	0.000	0.000	0.000	0.000
10:30:00	30.1	26.7	25.8	26.5	14.3	13.9	13.0	12.8	0.000	0.000	0.000	0.000
10:45:00	35.8	23.8	26.9	26.0	15.2	12.4	13.2	13.9	0.000	0.000	0.000	0.002
11:00:00	30.5	26.1	26.8	26.9	14.9	13.4	14.0	14.0	0.000	0.000	0.000	0.002
11:15:00	27.5	24.0	25.1	24.4	13.1	11.9	12.5	13.3	0.000	0.000	0.000	0.006
11:30:00	26.7	22.7	51.6	22.9	12.4	11.1	11.5	13.7	0.000	0.000	0.000	0.005
11:45:00	49.4	20.3	22.1	22.7	14.7	10.0	11.1	11.1	0.000	0.000	0.000	0.004



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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	26.4	21.0	21.6	23.4	11.9	10.5	11.7	11.5	0.000	0.000	0.000	0.000
12:15:00	28.6	21.8	23.1	24.6	12.8	11.1	12.3	12.1	0.000	0.000	0.000	0.000
12:30:00	64.3	23.5	22.7	23.5	16.4	12.0	12.2	12.1	0.000	0.000	0.000	0.000
12:45:00	24.1	22.6	23.0	21.6	12.4	11.7	11.0	12.3	0.000	0.000	0.000	0.000
13:00:00	24.1	22.6	23.9	23.0	12.1	11.6	12.0	13.1	0.000	0.000	0.000	0.000
13:15:00	33.4	21.8	22.3	22.3	12.5	11.2	11.4	11.4	0.000	0.000	0.000	0.000
13:30:00	20.7	19.8	23.9	20.4	10.2	9.9	10.5	10.8	0.000	0.000	0.000	0.000
13:45:00	57.5	20.2	22.0	21.1	14.6	10.3	10.7	10.5	0.000	0.000	0.000	0.000
14:00:00	20.8	20.1	20.1	20.3	10.3	10.1	10.2	9.6	0.000	0.000	0.000	0.000
14:15:00	19.3	18.3	16.5	17.3	9.3	9.0	8.8	8.4	0.000	0.000	0.000	0.000
14:30:00	47.6	17.0	20.6	17.7	11.8	8.5	8.8	8.8	0.000	0.000	0.000	0.000
14:45:00	17.8	16.6	18.7	17.3	8.6	8.3	8.5	8.6	0.000	0.000	0.000	0.000
15:00:00	17.8	16.5	17.8	17.6	8.6	8.3	8.5	8.3	0.000	0.000	0.000	0.000
15:15:00	17.8	16.6	16.0	17.0	8.6	8.3	8.4	8.1	0.000	0.000	0.000	0.000
15:30:00	24.1	18.4	17.1	18.3	9.6	8.9	9.0	8.5	0.000	0.000	0.000	0.000
15:45:00	18.6	17.9	16.8	17.4	8.7	8.7	8.6	8.2	0.000	0.000	0.000	0.000
16:00:00	28.3	17.7	16.9	17.4	10.1	8.9	8.8	8.5	0.000	0.000	0.000	0.000
16:15:00	19.1	18.1	17.9	18.1	9.1	8.8	8.9	8.7	0.000	0.000	0.000	0.000
16:30:00	18.6	17.6	17.4	17.8	8.7	8.5	8.7	8.5	0.000	0.000	0.000	0.000
16:45:00	26.5	17.1	16.4	17.2	9.7	8.4	8.5	8.2	0.000	0.000	0.000	0.000
17:00:00	18.0	17.3	16.5	16.7	8.4	8.5	8.4	8.2	0.000	0.000	0.000	0.000
17:15:00	29.2	17.4	15.9	16.8	10.2	8.3	8.2	7.9	0.000	0.000	0.000	0.000
17:30:00	22.5	16.4	15.6	15.7	9.0	7.9	7.8	7.7	0.000	0.000	0.000	0.000
17:45:00	17.1	16.5	14.6	15.0	8.0	8.0	7.6	7.4	0.000	0.000	0.000	0.000
18:00:00	24.2	14.5	13.7	14.4	8.6	7.2	7.2	7.0	0.000	0.000	0.000	0.000
18:15:00	17.7	15.5	15.7	15.3	7.9	7.5	7.7	7.5	0.000	0.000	0.000	0.000
18:30:00	17.6	16.3	16.0	16.5	8.2	7.9	8.1	7.8	0.000	0.000	0.000	0.000
18:45:00	17.8	17.8	16.9	16.3	8.3	8.4	8.0	8.0	0.000	0.000	0.000	0.000
19:00:00	19.1	18.3	16.7	17.3	9.1	9.1	8.7	8.3	0.000	0.000	0.000	0.000
19:15:00	38.0	17.4	16.5	17.3	11.8	8.6	8.6	8.3	0.000	0.001	0.000	0.000
19:30:00	100.6	17.4	16.5	17.7	19.0	8.4	8.8	8.4	0.014	0.002	0.000	0.004
19:45:00	39.7	16.7	16.0	17.3	11.4	7.7	8.1	8.0	0.030	0.002	0.004	0.011
20:00:00	18.4	16.2	18.8	17.7	8.2	7.6	8.1	7.9	0.048	0.002	0.023	0.018
20:15:00	18.2	15.9	16.6	17.3	8.1	7.6	8.0	7.6	0.059	0.002	0.037	0.020
20:30:00	19.1	16.2	15.4	17.7	8.4	7.6	8.0	7.3	0.067	0.003	0.047	0.021
20:45:00	31.0	16.3	15.2	17.8	10.0	7.7	8.1	7.3	0.072	0.004	0.056	0.024
21:00:00	18.5	16.3	15.8	18.1	8.5	7.6	8.3	7.5	0.076	0.003	0.064	0.025
21:15:00	17.6	17.1	15.6	18.2	8.4	7.8	8.2	7.6	0.076	0.004	0.063	0.024
21:30:00	23.9	16.7	15.8	18.4	9.3	7.8	8.4	7.6	0.073	0.003	0.064	0.024
21:45:00	26.6	17.1	16.3	18.3	9.6	7.9	8.5	7.6	0.072	0.002	0.064	0.022
22:00:00	18.9	17.4	15.8	17.7	8.7	8.0	8.3	7.6	0.067	0.002	0.061	0.017
22:15:00	18.9	18.0	15.4	18.0	8.7	8.1	8.3	7.4	0.062	0.002	0.058	0.014
22:30:00	18.9	17.5	14.8	18.3	8.8	8.1	8.4	7.3	0.057	0.001	0.054	0.009
22:45:00	18.1	17.4	15.4	18.0	8.4	8.0	8.3	7.1	0.051	0.001	0.050	0.005

