



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-25

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.05000 Max : 14.74	2943 E	2693 S	2996 SE	2997 WSW	Min : 55.76 Max : 95.00	Min : 41.60 Max : 89.40	Min : 30.02 Max : 30.29

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m³		PM2.5 : 35 µg/m³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m³)	Max. PM10-15-min Avg (µg/m³)	Avg. PM2.5 Daily (µg/m³)	Max. PM2.5-15-min Avg (µg/m³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2693	10.2	21.5	7.4	17.5	0.001	0.006
2943	18.1	165.6	8.0	21.6	-0.062	0.022
2996	15.6	51.0	8.4	20.9	0.002	0.016
2997	21.6	104.0	9.7	24.4	0.001	0.015



Figure 1 : Monitoring Locations

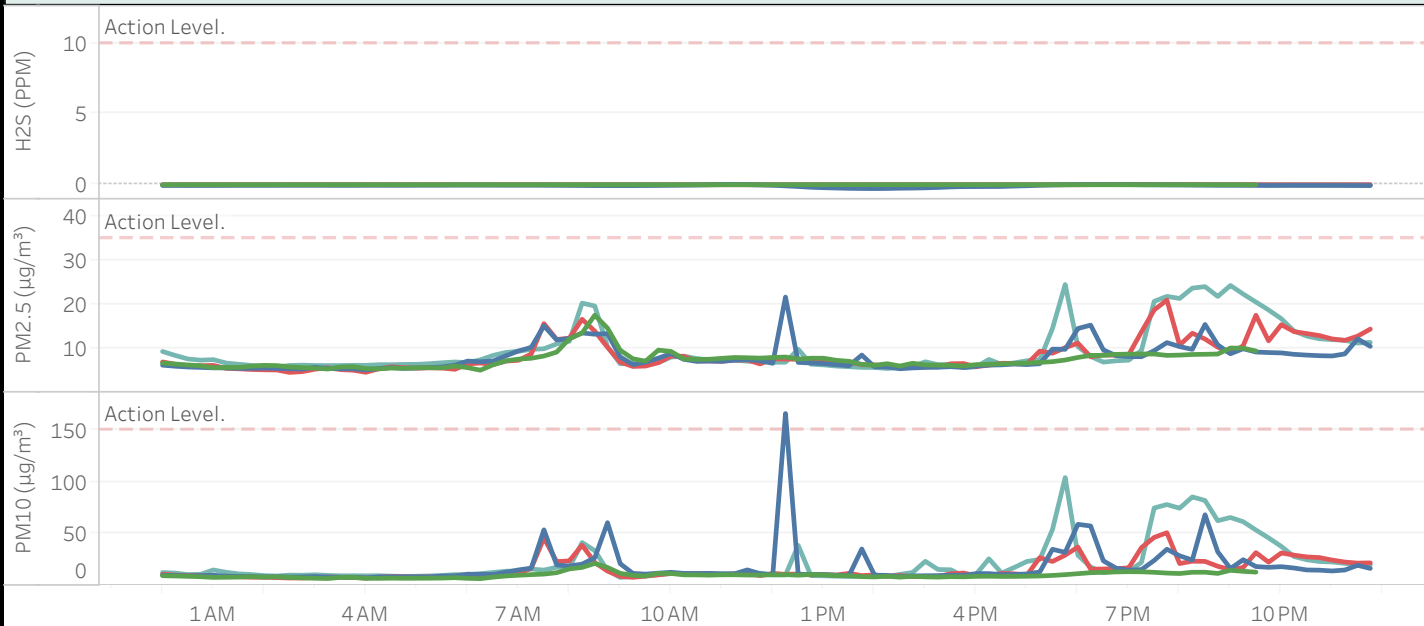


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

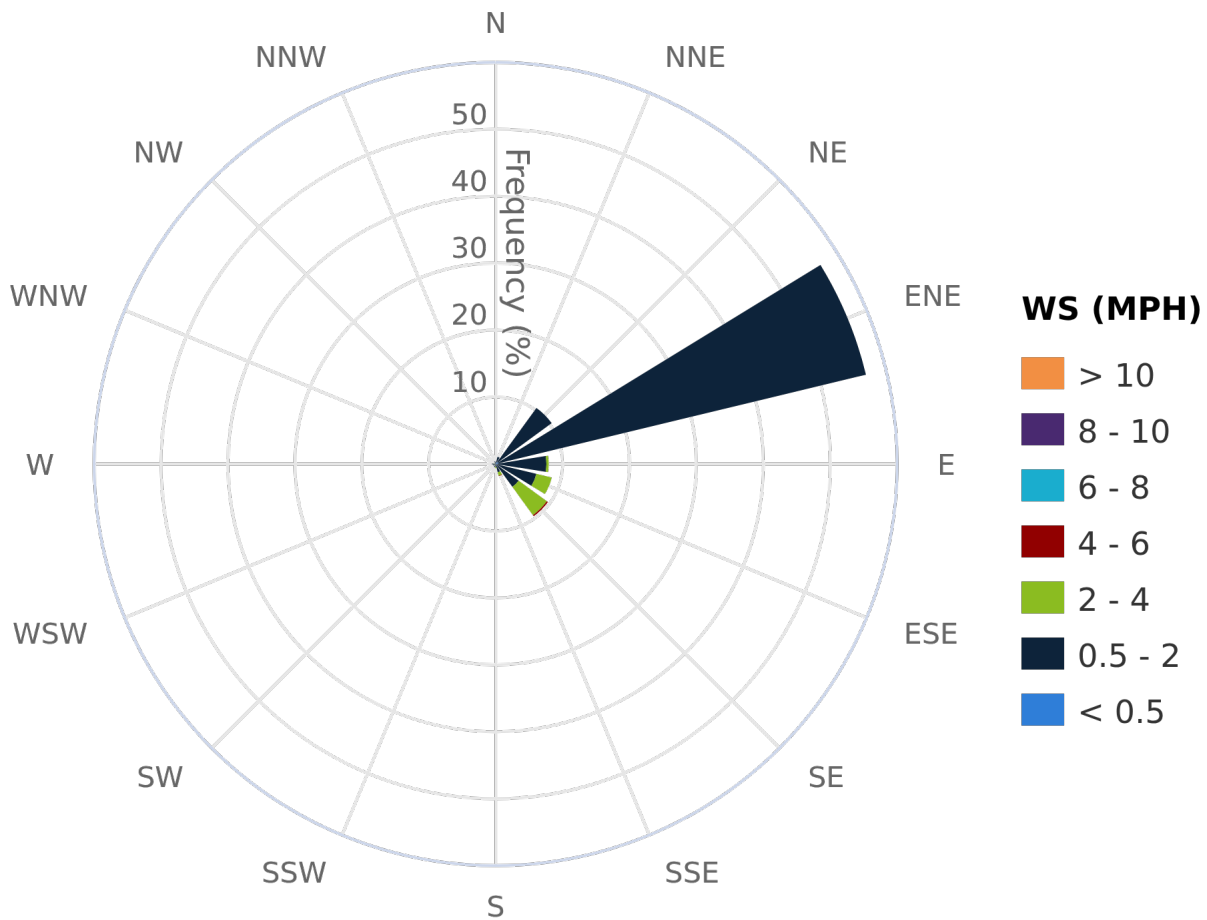


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-24

Wind Rose Chart 2693

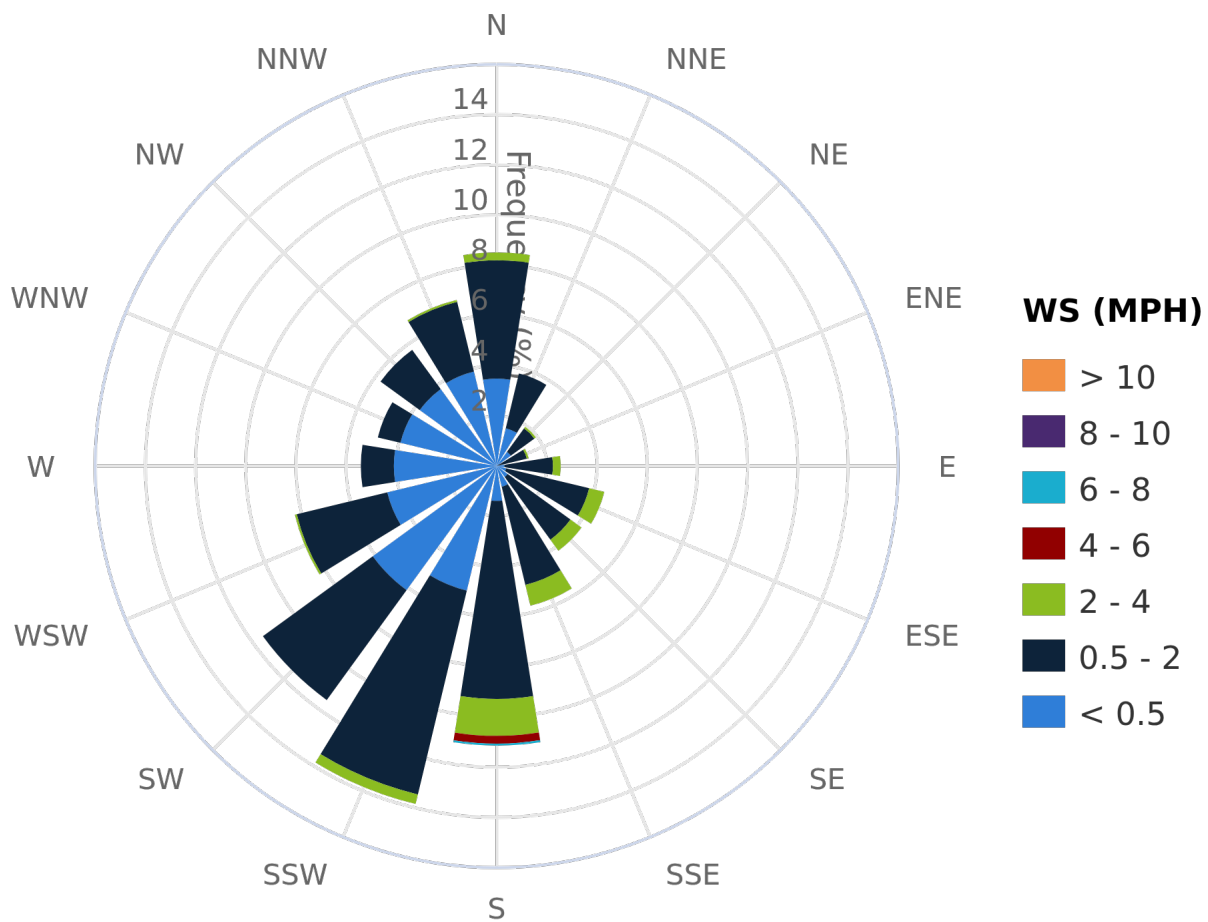


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-25

Wind Rose Chart 2996

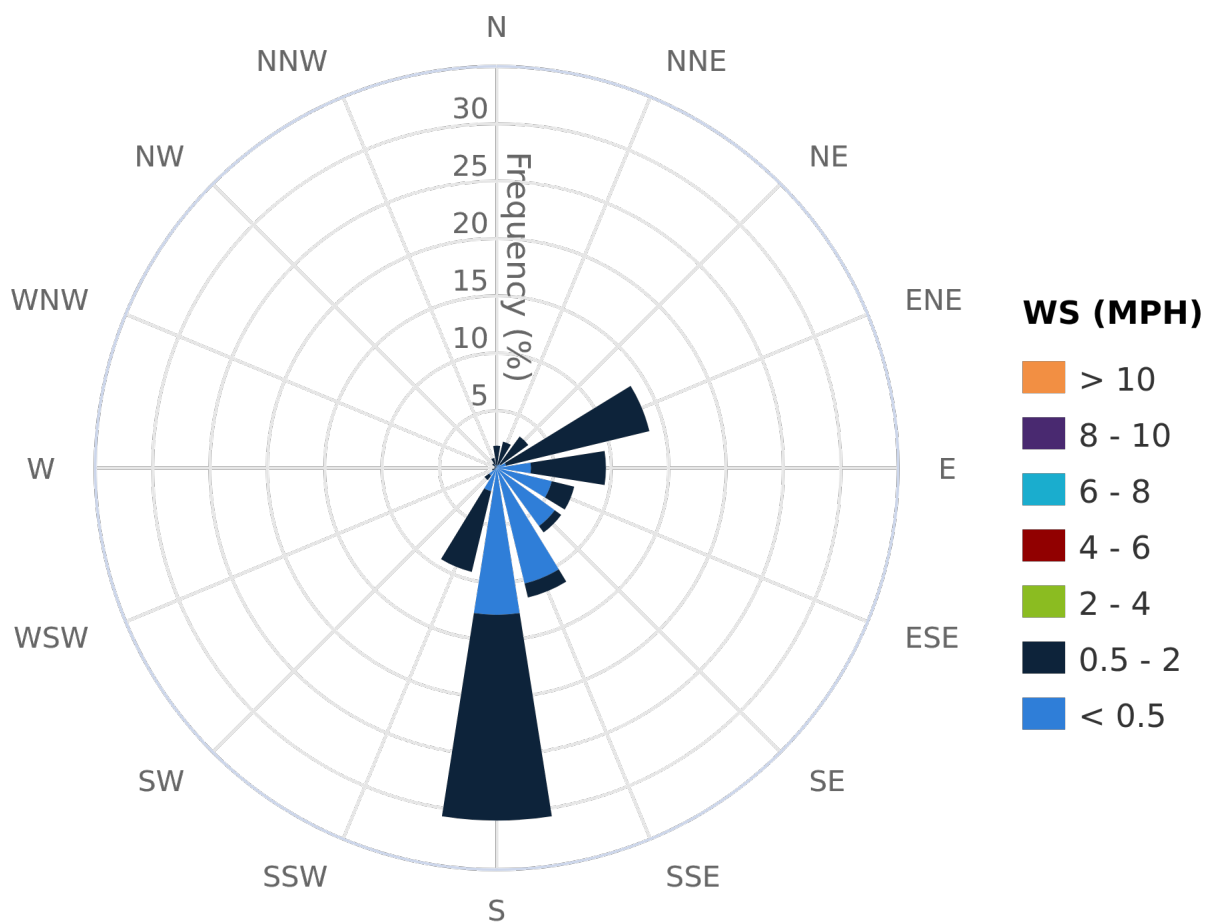


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-25

Wind Rose Chart 2997

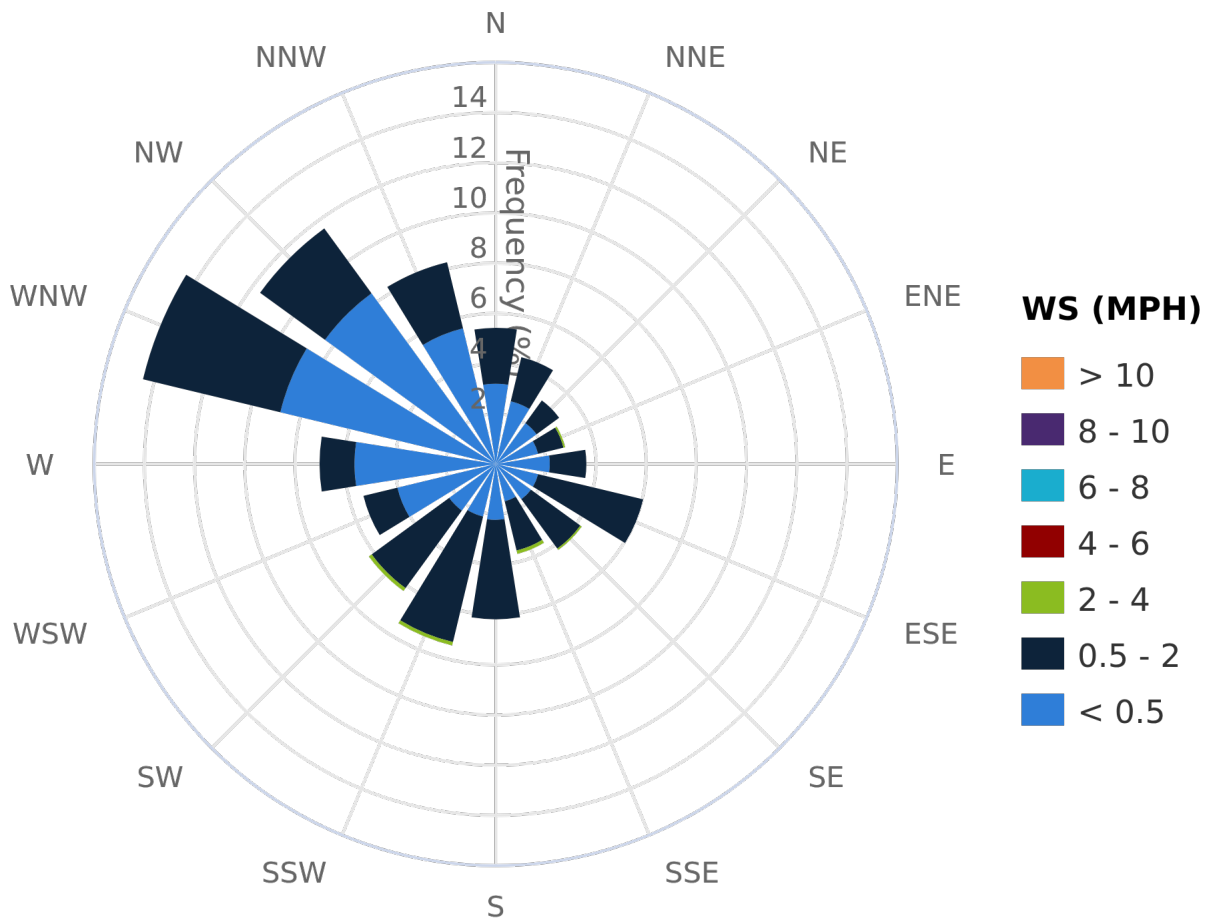


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 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	9.7	12.7	11.0	6.2	6.7	6.9	9.3	-0.050	0.001	0.000	0.000
00:15:00	9.9	9.4	12.2	10.3	6.0	6.5	6.4	8.4	-0.049	0.000	0.000	0.000
00:30:00	9.5	9.1	10.8	9.8	5.8	6.3	6.0	7.6	-0.050	0.001	0.000	0.000
00:45:00	9.7	8.7	11.0	9.6	5.7	6.1	6.1	7.3	-0.049	0.001	0.000	0.000
01:00:00	10.1	8.0	15.2	9.4	5.6	5.6	6.2	7.5	-0.047	0.001	0.000	0.000
01:15:00	9.3	8.2	13.0	8.7	5.6	5.7	5.5	6.7	-0.045	0.001	0.000	0.000
01:30:00	9.1	8.4	11.4	8.7	5.5	5.7	5.4	6.4	-0.041	0.001	0.000	0.000
01:45:00	9.0	8.8	10.8	8.2	5.5	6.0	5.2	6.2	-0.041	0.001	0.000	0.000
02:00:00	8.6	8.4	9.8	8.2	5.5	6.2	5.2	6.0	-0.039	0.001	0.000	0.000
02:15:00	8.7	8.7	9.4	7.8	5.5	6.1	5.1	5.8	-0.038	0.001	0.000	0.000
02:30:00	8.4	8.0	10.3	7.4	5.4	5.8	4.6	6.1	-0.036	0.001	0.000	0.000
02:45:00	8.6	7.6	10.1	7.5	5.3	5.7	4.8	6.2	-0.035	0.001	0.000	0.000
03:00:00	8.9	7.2	10.5	8.0	5.7	5.5	5.3	6.1	-0.033	0.000	0.000	0.000
03:15:00	8.3	7.0	10.0	8.3	5.5	5.3	5.6	6.1	-0.037	0.000	0.000	0.000
03:30:00	8.3	8.0	9.6	8.1	5.4	5.8	5.2	6.1	-0.040	0.000	0.000	0.000
03:45:00	8.2	8.0	9.6	8.0	5.4	5.9	5.1	6.2	-0.039	0.000	0.000	0.000
04:00:00	7.7	7.2	9.6	7.3	5.1	5.4	4.6	6.2	-0.033	0.001	0.000	0.000
04:15:00	8.5	7.1	9.7	8.2	5.4	5.4	5.4	6.3	-0.032	0.000	0.000	0.000
04:30:00	8.6	7.3	9.3	8.8	5.6	5.6	5.8	6.3	-0.034	0.000	0.000	0.000
04:45:00	8.6	7.2	9.1	8.7	5.5	5.5	5.6	6.4	-0.033	0.000	0.000	0.000
05:00:00	8.7	7.2	9.2	8.4	5.6	5.6	5.5	6.4	-0.031	0.001	0.000	0.000
05:15:00	8.5	7.3	9.5	8.5	5.7	5.6	5.6	6.5	-0.030	-0.001	0.000	0.000
05:30:00	9.4	7.4	9.9	8.4	5.8	5.6	5.6	6.8	-0.029	0.000	0.000	0.000
05:45:00	9.5	7.8	10.7	7.9	6.2	6.0	5.3	6.9	-0.022	0.000	0.000	0.000
06:00:00	11.2	7.2	10.6	9.7	7.1	5.6	6.5	6.8	-0.020	0.000	0.000	0.000
06:15:00	11.0	6.8	11.7	10.2	7.0	5.1	6.7	7.4	-0.024	0.000	0.000	0.000
06:30:00	10.9	8.3	12.8	9.7	7.1	6.3	6.3	8.4	-0.025	0.001	0.000	0.000
06:45:00	13.0	9.4	14.0	11.0	8.3	7.2	7.1	9.1	-0.028	0.000	0.000	0.000
07:00:00	15.2	10.1	14.2	11.7	9.4	7.6	7.3	9.4	-0.028	0.000	0.000	0.000
07:15:00	17.0	10.7	16.0	16.9	10.2	7.8	8.7	9.8	-0.027	0.000	0.000	0.000
07:30:00	53.8	11.2	15.1	45.9	15.1	8.3	15.6	9.9	-0.032	0.001	0.000	0.000
07:45:00	20.1	12.6	17.8	23.2	11.9	9.2	12.0	11.0	-0.036	0.001	0.000	0.000
08:00:00	19.0	16.2	17.6	24.0	12.2	12.2	12.3	11.6	-0.044	0.001	0.000	0.000
08:15:00	20.8	17.6	41.6	39.0	13.5	13.5	16.6	20.2	-0.050	-0.001	0.000	0.000
08:30:00	26.9	21.5	33.8	22.4	13.2	17.5	13.9	19.6	-0.059	0.000	0.000	0.000
08:45:00	60.7	17.6	14.7	14.1	13.3	14.6	10.2	10.4	-0.062	0.001	0.000	0.000
09:00:00	21.2	12.0	8.0	9.1	8.1	9.6	6.9	6.5	-0.063	0.000	0.000	0.000
09:15:00	11.9	10.1	8.9	8.1	6.3	7.6	5.9	6.6	-0.063	0.000	0.000	0.000
09:30:00	11.2	9.3	9.9	9.3	6.9	7.1	6.0	6.5	-0.055	0.000	0.000	0.000
09:45:00	12.1	11.9	10.6	10.5	7.8	9.6	6.8	6.8	-0.046	0.000	0.000	0.000
10:00:00	13.0	11.8	11.6	12.0	8.8	9.3	8.3	8.0	-0.035	0.000	0.000	0.000
10:15:00	11.9	10.5	11.8	11.9	7.5	7.6	8.2	8.2	-0.025	0.000	0.000	0.000
10:30:00	11.7	10.4	12.0	11.5	7.1	7.5	7.2	7.7	-0.016	0.001	0.000	0.000
10:45:00	12.0	10.2	11.4	11.6	7.1	7.5	7.2	7.3	0.000	0.000	0.000	0.000
11:00:00	11.6	10.6	11.3	10.6	7.1	7.8	7.1	7.3	0.016	0.000	0.000	0.007
11:15:00	11.6	10.6	11.3	11.5	7.3	7.9	7.4	7.4	0.022	0.000	0.000	0.015
11:30:00	15.3	10.3	12.1	12.0	7.5	7.9	7.4	7.1	0.009	0.002	0.000	0.007
11:45:00	11.6	10.2	12.1	9.8	7.2	7.8	6.5	7.1	-0.009	0.002	0.000	0.000



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12:00:00	10.7	10.5	10.5	11.9	6.6	7.9	7.6	6.9	-0.035	0.002	0.000	0.000
12:15:00	165.6	10.7	10.3	11.0	21.6	8.0	7.6	6.9	-0.079	0.003	0.000	0.000
12:30:00	10.9	10.2	38.8	11.3	6.8	7.6	7.5	9.8	-0.121	0.004	0.000	0.000
12:45:00	11.0	10.9	9.8	10.4	6.7	7.8	7.1	6.4	-0.177	0.005	0.000	0.000
13:00:00	10.8	10.5	9.5	10.8	6.6	7.8	7.0	6.3	-0.207	0.006	0.000	0.000
13:15:00	10.2	9.8	9.2	10.3	6.3	7.3	6.9	6.0	-0.230	0.005	0.000	0.000
13:30:00	9.9	9.6	8.9	12.0	6.1	7.1	6.9	5.9	-0.253	0.005	0.000	0.000
13:45:00	35.4	8.8	9.2	9.8	8.5	6.4	6.3	5.7	-0.263	0.003	0.000	0.000
14:00:00	10.2	8.5	10.2	10.4	5.8	6.2	6.3	5.7	-0.270	0.004	0.000	0.000
14:15:00	10.0	9.1	8.9	9.2	5.8	6.5	6.0	5.5	-0.261	0.003	0.000	0.000
14:30:00	8.7	8.3	11.0	9.8	5.4	6.0	5.9	5.7	-0.244	0.003	0.000	0.000
14:45:00	9.5	9.1	12.8	8.8	5.6	6.6	5.7	6.0	-0.233	0.003	0.000	0.000
15:00:00	9.6	8.6	23.5	9.1	5.7	6.3	6.0	7.0	-0.218	0.003	0.000	0.000
15:15:00	9.8	8.4	15.6	9.0	5.7	6.2	5.8	6.3	-0.191	0.003	0.000	0.000
15:30:00	10.1	8.8	15.4	11.6	5.9	6.2	6.5	6.4	-0.152	0.003	0.000	0.000
15:45:00	10.1	8.6	9.1	12.3	5.7	6.0	6.6	5.7	-0.131	0.001	0.000	0.000
16:00:00	11.7	9.0	11.1	9.6	6.0	6.3	5.9	5.8	-0.128	0.001	0.000	0.000
16:15:00	11.7	9.2	25.9	9.9	6.2	6.4	6.2	7.5	-0.124	0.001	0.000	0.000
16:30:00	10.7	9.0	12.2	11.9	6.3	6.5	6.6	6.4	-0.120	0.001	0.000	0.000
16:45:00	10.9	9.0	17.6	11.5	6.5	6.6	6.6	6.7	-0.091	0.001	0.000	0.002
17:00:00	11.4	9.2	23.4	10.4	6.4	6.7	6.5	7.2	-0.070	0.001	0.000	0.009
17:15:00	13.2	9.4	25.3	27.1	6.5	6.8	9.4	7.4	-0.038	0.001	0.000	0.010
17:30:00	35.1	9.9	54.1	23.4	9.8	7.0	8.9	14.5	-0.016	0.001	0.000	0.007
17:45:00	32.2	10.7	104.0	29.5	9.8	7.4	10.2	24.4	0.001	0.000	0.000	0.012
18:00:00	59.1	11.6	29.4	37.2	14.5	7.9	11.2	10.4	0.010	-0.001	0.000	0.013
18:15:00	57.5	12.6	18.1	16.0	15.2	8.4	8.1	8.2	0.010	-0.001	0.006	0.012
18:30:00	24.0	12.9	12.6	16.1	9.7	8.4	8.5	6.9	0.010	0.000	0.012	0.010
18:45:00	17.0	13.3	14.0	16.5	8.3	8.6	8.4	7.2	0.011	0.000	0.011	0.006
19:00:00	15.0	13.6	13.7	17.2	8.2	8.7	8.6	7.3	0.009	0.000	0.015	0.003
19:15:00	15.5	13.4	22.5	36.7	8.1	8.7	13.7	9.5	0.003	-0.001	0.015	0.000
19:30:00	24.4	13.0	74.8	46.5	9.5	8.7	18.7	20.6	-0.003	-0.001	0.016	0.000
19:45:00	35.1	12.2	78.1	51.0	11.3	8.4	20.9	21.8	-0.009	-0.001	0.015	0.000
20:00:00	28.8	11.8	74.6	21.4	10.4	8.5	10.7	21.3	-0.013	0.000	0.012	0.000
20:15:00	24.8	13.0	85.4	23.6	9.8	8.6	13.4	23.6	-0.021	-0.001	0.012	0.000
20:30:00	68.3	13.0	82.0	23.4	15.4	8.7	12.1	24.0	-0.029	-0.001	0.010	0.000
20:45:00	32.6	11.9	62.5	18.7	10.8	8.7	10.3	21.7	-0.036	-0.001	0.006	0.000
21:00:00	16.5	14.9	65.7	15.5	8.8	10.1	8.9	24.2	-0.037	0.000	0.006	0.000
21:15:00	25.1	13.9	61.6	17.6	9.9	10.0	10.6	22.3	-0.039	0.000	0.005	0.000
21:30:00	18.5	13.1	53.6	31.9	9.2	9.4	17.5	20.5	-0.045	0.000	0.004	0.000
21:45:00	17.7		46.0	22.7	9.1		11.7	18.7	-0.053		0.001	0.000
22:00:00	18.4		37.8	31.6	9.0		15.4	16.7	-0.050		0.002	0.000
22:15:00	17.1		28.1	29.4	8.7		13.8	13.9	-0.046		0.002	0.000
22:30:00	15.2		25.0	27.8	8.5		13.4	12.8	-0.049		0.000	0.000
22:45:00	15.0		23.3	27.1	8.3		12.9	12.2	-0.049		0.000	0.000
23:00:00	14.2		22.9	24.7	8.3		12.1	12.0	-0.050		0.000	0.000
23:15:00	15.2		21.5	22.8	8.8		11.8	11.8	-0.052		0.000	0.000
23:30:00	19.7		20.6	21.8	12.1		12.8	11.2	-0.055		0.000	0.000
23:45:00	16.7		20.1	22.0	10.5		14.4	11.4	-0.062		0.000	0.000

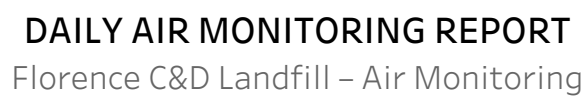


Table 4 : Summary of Exceedances (greater than Action Level) -

[illegible]