



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-15

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1340 Max : 13.27	2943 SE	2995 ENE	2996 NNE	2997 W	Min : 75.74 Max : 103.8	Min : 51.00 Max : 94.80	Min : 29.98 Max : 30.22

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)
2943	13.1	55.2	4.1	9.0	-0.014	0.091
2995	10.0	18.5	3.4	4.5	0.010	0.074
2996	11.1	21.9	4.3	5.4	0.003	0.036
2997	16.6	45.0	4.5	7.2	0.005	0.042

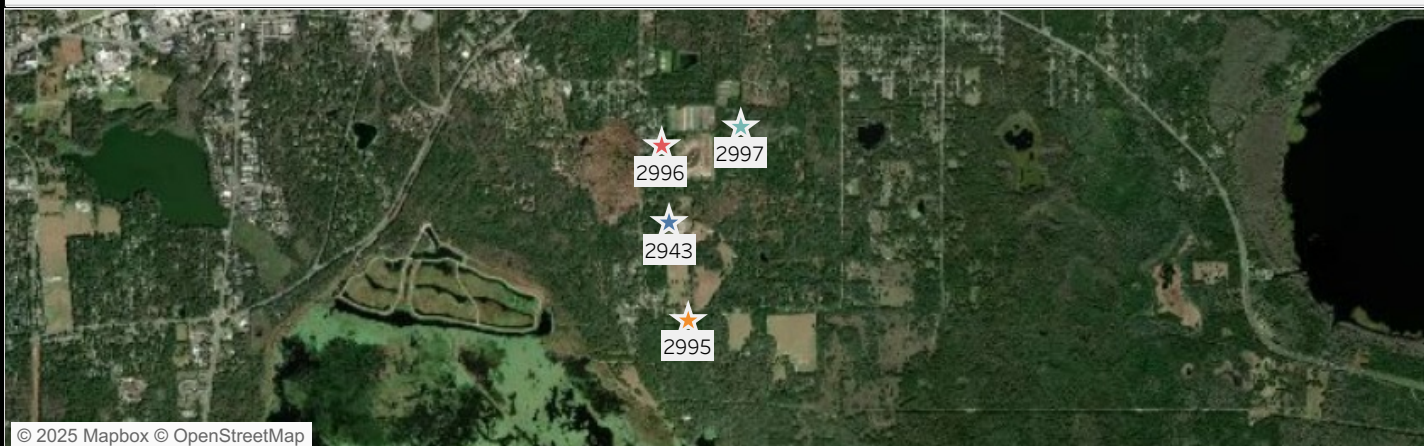


Figure 1 : Monitoring Locations

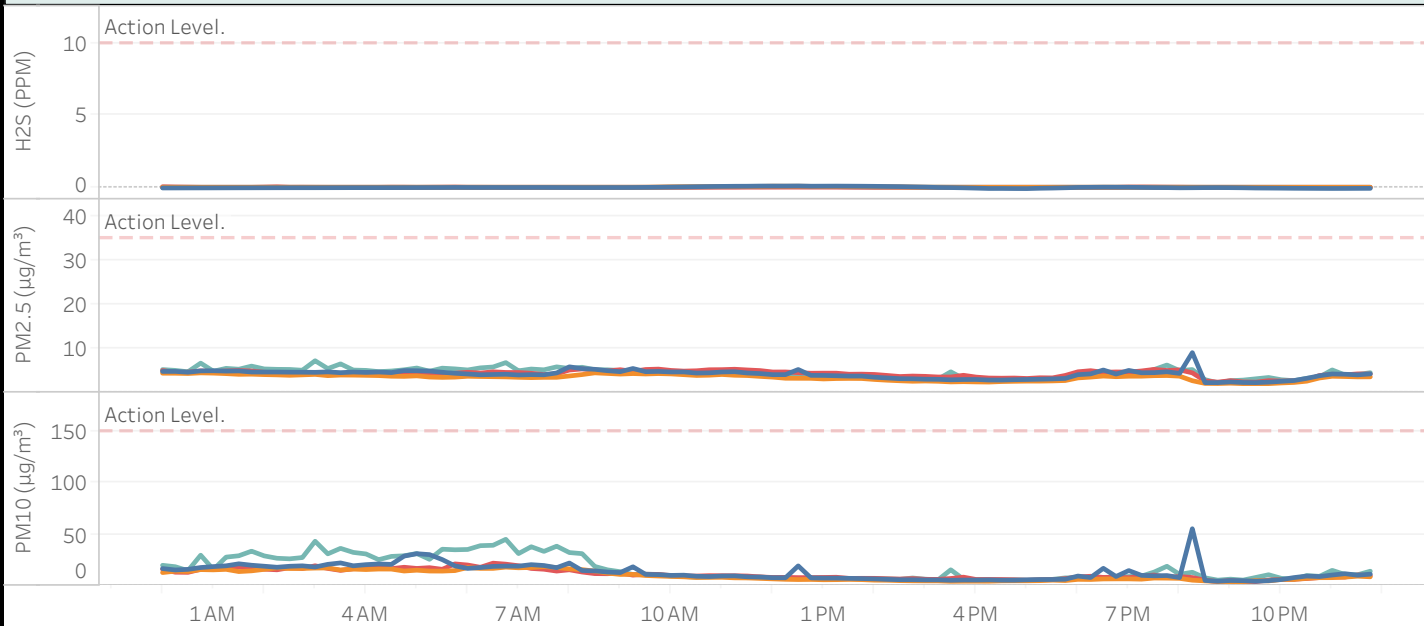


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

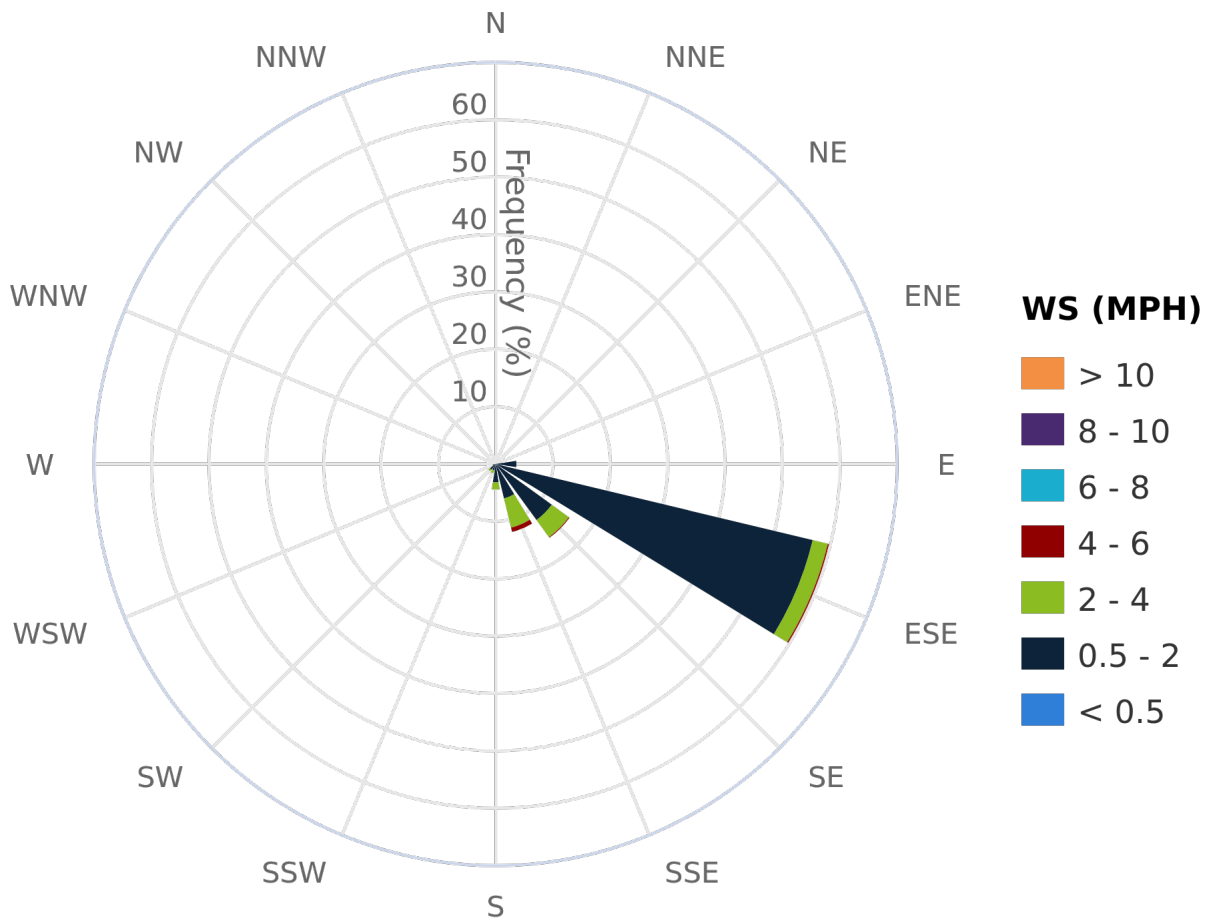


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-15

Wind Rose Chart 2995

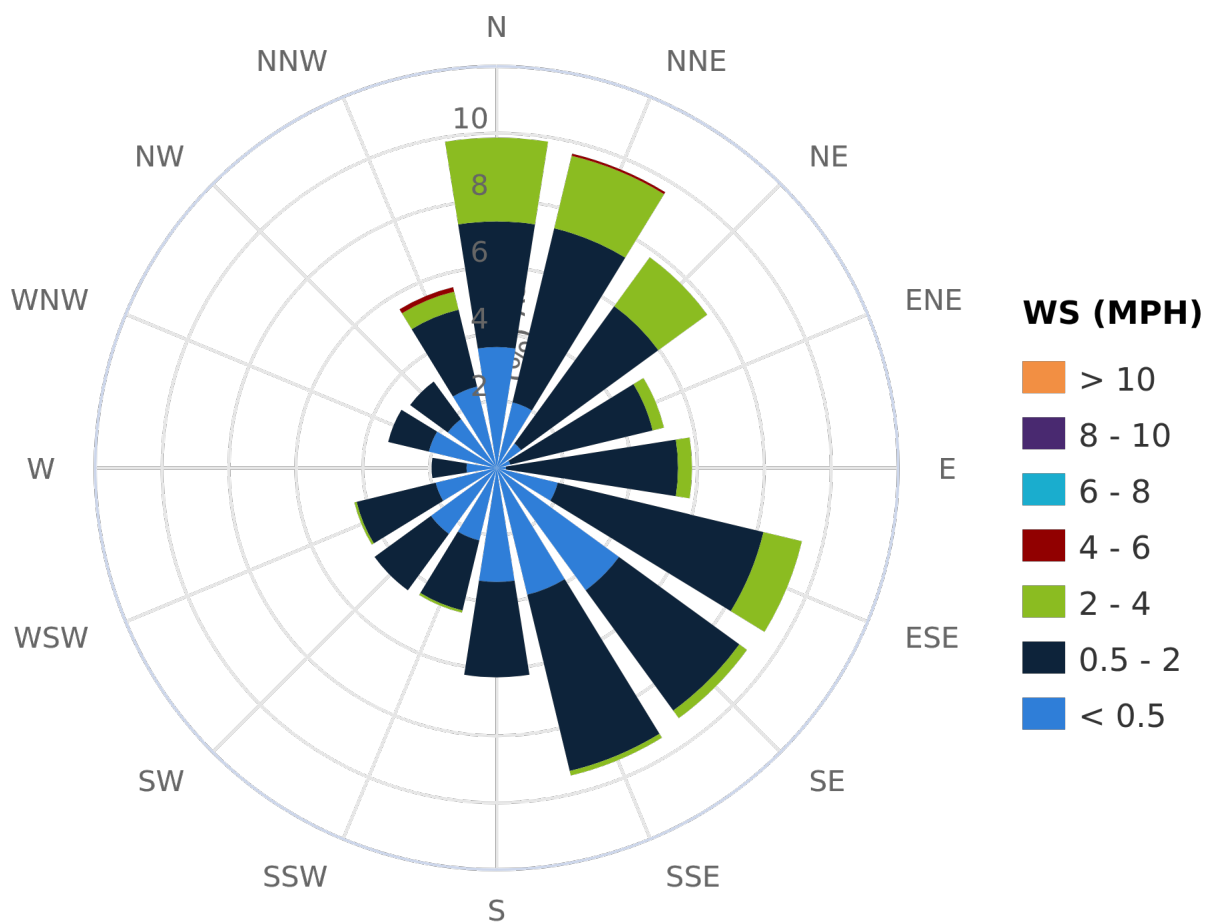


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

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Wind Rose Chart 2996

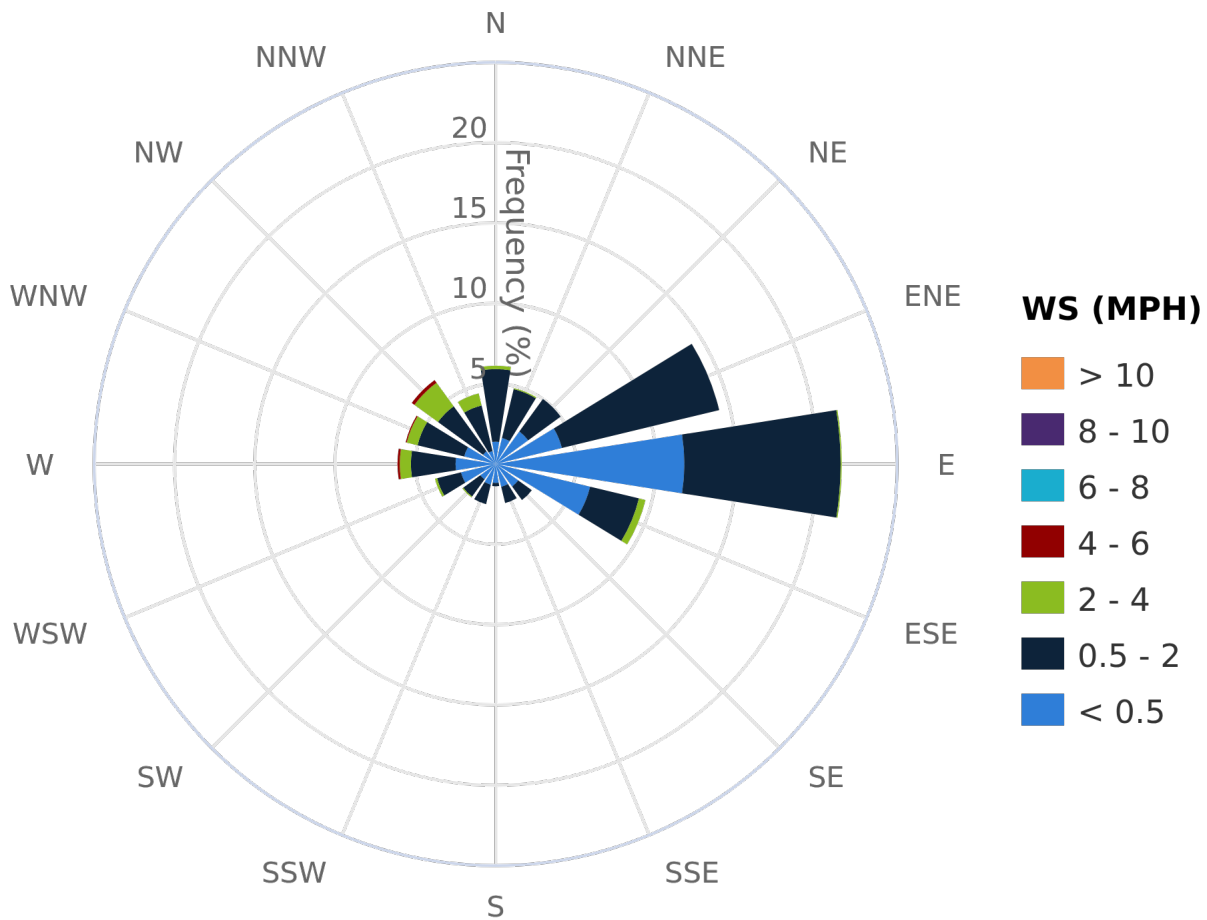


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-08-15

Wind Rose Chart 2997

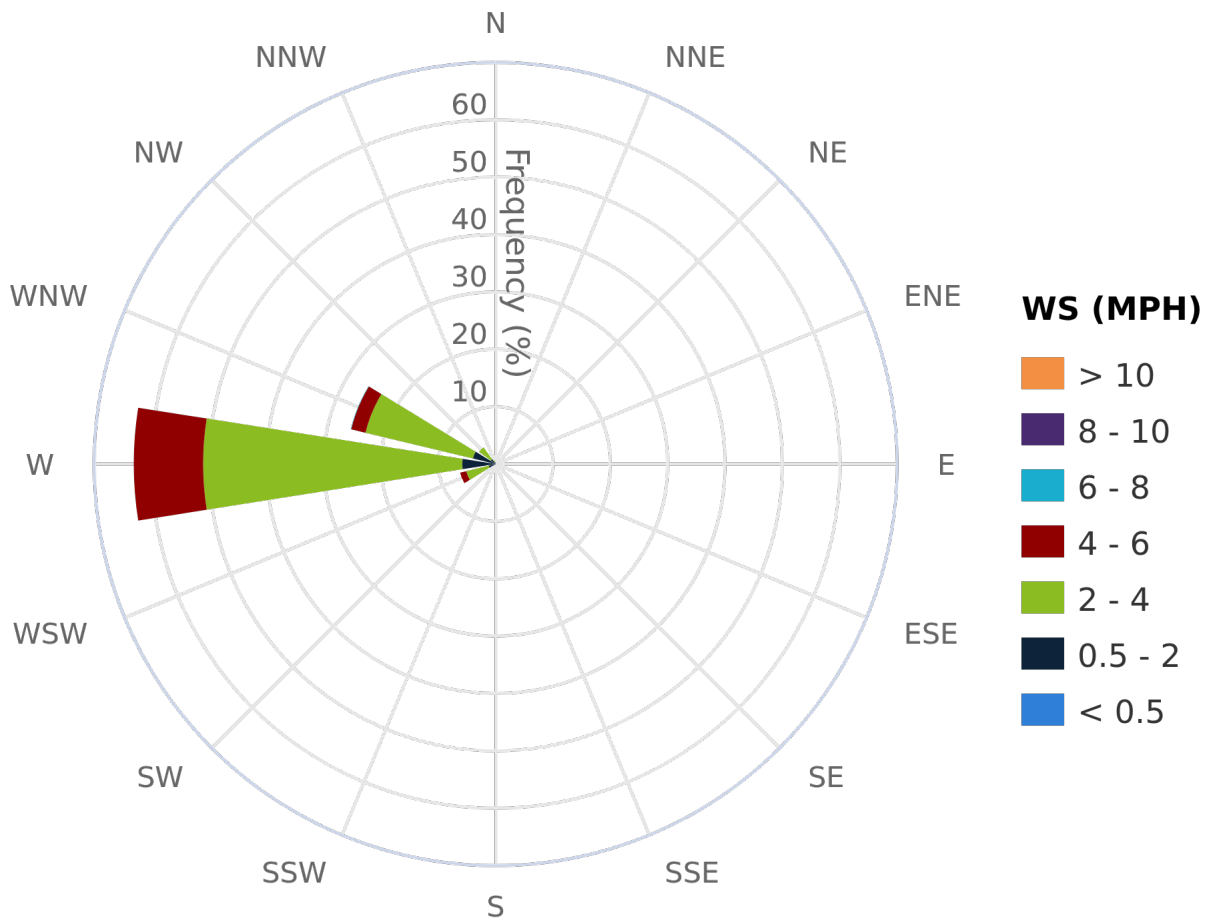


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	16.6	12.8	19.8	16.0	4.8	4.4	5.0	5.2	-0.049	0.000	0.036	0.000
00:15:00	15.3	14.2	18.4	13.1	4.8	4.4	4.6	5.0	-0.048	0.000	0.020	0.000
00:30:00	15.9	13.8	14.6	13.0	4.6	4.3	4.6	4.7	-0.046	0.000	0.010	0.000
00:45:00	17.7	15.6	29.6	16.0	4.9	4.5	4.9	6.7	-0.044	0.000	0.000	0.000
01:00:00	18.6	15.4	15.8	15.8	4.9	4.4	4.8	4.8	-0.043	0.000	0.000	0.000
01:15:00	19.3	15.9	27.8	17.0	4.9	4.3	4.9	5.5	-0.041	0.000	0.000	0.000
01:30:00	21.3	13.8	29.1	18.0	4.9	4.1	5.0	5.3	-0.038	0.000	0.000	0.000
01:45:00	19.9	14.4	33.5	18.0	4.7	4.2	4.9	6.0	-0.037	0.000	0.000	0.000
02:00:00	18.9	15.9	28.9	16.1	4.7	4.1	4.6	5.4	-0.035	0.000	0.014	0.000
02:15:00	17.9	17.3	26.6	15.5	4.7	4.0	4.5	5.3	-0.034	0.000	0.031	0.000
02:30:00	18.9	16.7	26.1	17.5	4.6	3.9	4.5	5.2	-0.032	0.000	0.004	0.000
02:45:00	19.3	16.8	27.3	16.7	4.6	4.0	4.2	5.1	-0.031	0.000	0.006	0.000
03:00:00	18.2	17.1	43.1	19.4	4.6	4.1	4.6	7.2	-0.032	0.000	0.002	0.000
03:15:00	20.8	17.3	30.9	16.8	4.7	3.8	4.2	5.4	-0.030	0.000	0.000	0.000
03:30:00	22.1	15.3	36.2	14.9	4.5	4.0	4.3	6.5	-0.028	0.000	0.000	0.000
03:45:00	19.3	16.1	32.3	16.5	4.7	4.0	4.4	5.1	-0.026	0.000	0.000	0.000
04:00:00	20.5	15.7	30.8	17.2	4.6	3.9	4.5	5.0	-0.026	0.000	0.000	0.000
04:15:00	21.1	16.2	25.3	18.2	4.7	3.9	4.4	4.7	-0.026	0.000	0.000	0.000
04:30:00	20.7	16.2	28.4	16.6	4.5	3.7	4.2	4.9	-0.025	0.000	0.008	0.000
04:45:00	28.7	14.3	29.0	17.9	5.0	3.7	4.2	5.2	-0.023	0.000	0.006	0.000
05:00:00	31.0	15.1	31.3	16.8	4.9	3.8	4.2	5.6	-0.021	0.000	0.000	0.000
05:15:00	30.2	14.3	25.6	17.5	4.9	3.5	4.3	4.8	-0.019	0.000	0.005	0.000
05:30:00	25.4	14.2	35.4	15.9	4.6	3.4	3.9	5.5	-0.018	0.000	0.009	0.000
05:45:00	19.2	14.7	34.9	21.2	4.4	3.5	4.4	5.4	-0.012	0.000	0.015	0.000
06:00:00	16.8	17.7	35.1	20.1	4.2	3.7	4.6	5.1	-0.015	0.000	0.003	0.000
06:15:00	17.7	16.8	38.8	17.9	4.0	3.6	4.4	5.6	-0.017	0.000	0.003	0.000
06:30:00	18.8	16.8	39.2	21.9	4.1	3.6	4.7	5.8	-0.014	0.000	0.000	0.000
06:45:00	19.1	18.1	45.0	20.9	4.2	3.6	4.6	6.8	-0.016	0.000	0.000	0.000
07:00:00	19.0	17.4	31.2	19.4	4.0	3.5	4.5	4.9	-0.016	0.000	0.000	0.000
07:15:00	20.5	17.7	37.8	16.8	4.1	3.4	4.4	5.3	-0.014	0.000	0.000	0.000
07:30:00	19.6	18.5	33.3	16.0	4.0	3.5	4.1	5.2	-0.014	0.000	0.000	0.000
07:45:00	17.5	17.7	38.3	14.2	4.5	3.5	4.2	5.8	-0.017	0.000	0.000	0.000
08:00:00	22.0	16.4	32.2	15.5	5.8	3.8	5.1	5.5	-0.019	0.000	0.000	0.000
08:15:00	14.8	15.6	31.1	13.3	5.4	4.1	5.4	5.7	-0.021	0.000	0.000	0.000
08:30:00	14.4	14.2	18.7	11.8	5.3	4.5	5.1	5.2	-0.020	0.000	0.000	0.000
08:45:00	13.3	12.3	15.4	11.6	5.0	4.3	4.9	5.2	-0.018	0.000	0.000	0.000
09:00:00	12.8	11.0	13.6	12.5	4.7	4.2	5.2	5.0	-0.018	0.000	0.000	0.000
09:15:00	18.4	11.0	10.9	10.3	5.5	4.3	4.8	4.7	-0.016	0.000	0.000	0.000
09:30:00	11.0	9.9	11.3	11.2	4.7	4.2	5.2	5.0	-0.009	0.004	0.000	0.000
09:45:00	10.8	9.4	11.0	10.9	4.8	4.3	5.3	5.0	0.000	0.016	0.000	0.000
10:00:00	10.0	9.0	9.4	9.9	4.7	4.2	5.0	4.6	0.014	0.030	0.000	0.000
10:15:00	10.3	8.7	9.0	9.4	4.7	4.1	4.9	4.4	0.027	0.036	0.000	0.001
10:30:00	9.2	8.0	8.2	9.4	4.4	3.9	4.9	4.1	0.039	0.038	0.000	0.009
10:45:00	8.9	8.1	8.5	9.8	4.5	3.9	5.2	4.2	0.051	0.039	0.001	0.021
11:00:00	9.4	8.2	9.3	9.7	4.7	4.1	5.2	4.4	0.060	0.053	0.003	0.030
11:15:00	9.6	7.7	9.0	9.7	4.7	3.9	5.3	4.6	0.069	0.062	0.002	0.032
11:30:00	8.7	7.6	7.8	9.4	4.4	3.9	5.1	4.3	0.072	0.061	0.006	0.037
11:45:00	8.4	7.1	8.6	8.6	4.3	3.7	5.0	4.5	0.083	0.061	0.006	0.035



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12:00:00	7.8	6.7	7.8	8.0	4.1	3.5	4.7	4.2	0.085	0.074	0.008	0.039
12:15:00	7.7	6.3	7.3	8.2	4.1	3.3	4.7	3.9	0.085	0.071	0.008	0.042
12:30:00	19.3	6.0	7.0	7.9	5.2	3.2	4.5	3.8	0.091	0.071	0.009	0.038
12:45:00	7.6	6.1	7.5	7.9	3.9	3.2	4.4	4.0	0.074	0.064	0.009	0.035
13:00:00	7.4	5.8	7.6	8.0	3.9	3.1	4.4	4.0	0.077	0.056	0.009	0.037
13:15:00	7.4	5.9	7.2	8.3	3.8	3.2	4.4	3.8	0.080	0.059	0.008	0.034
13:30:00	7.2	6.2	7.0	7.1	3.7	3.2	4.2	3.7	0.077	0.051	0.004	0.022
13:45:00	7.0	5.9	6.5	7.2	3.7	3.2	4.2	3.5	0.072	0.045	0.001	0.013
14:00:00	6.7	5.4	7.0	7.2	3.5	3.0	4.1	3.4	0.065	0.035	0.000	0.001
14:15:00	6.2	5.4	6.8	6.7	3.3	2.8	3.9	3.3	0.054	0.032	0.000	0.000
14:30:00	5.9	5.0	6.3	6.5	3.2	2.7	3.6	3.2	0.046	0.026	0.000	0.001
14:45:00	5.9	4.8	7.5	6.9	3.1	2.6	3.8	3.5	0.027	0.013	0.000	0.004
15:00:00	5.7	4.7	6.4	6.2	3.0	2.6	3.7	3.2	0.009	0.000	0.000	0.009
15:15:00	5.7	4.7	5.7	6.2	3.0	2.6	3.5	3.1	-0.016	0.000	0.000	0.010
15:30:00	5.3	4.3	15.5	7.1	2.9	2.4	3.5	4.7	-0.023	0.000	0.000	0.003
15:45:00	5.6	4.4	6.4	8.3	3.0	2.5	3.9	3.2	-0.039	0.000	0.000	0.000
16:00:00	5.6	4.4	5.9	6.1	3.0	2.4	3.5	3.1	-0.061	0.000	0.000	0.001
16:15:00	5.7	4.4	5.6	6.1	2.9	2.4	3.3	3.0	-0.084	0.000	0.000	0.000
16:30:00	5.4	4.7	5.4	6.1	2.9	2.5	3.3	2.9	-0.083	0.000	0.000	0.000
16:45:00	5.4	4.8	5.7	5.8	2.9	2.6	3.3	2.9	-0.090	0.000	0.000	0.000
17:00:00	5.8	4.8	5.4	5.4	3.0	2.6	3.2	3.0	-0.093	0.000	0.000	0.000
17:15:00	6.0	5.0	5.9	5.7	3.0	2.6	3.4	3.1	-0.069	0.000	0.000	0.000
17:30:00	6.1	5.4	6.2	5.9	3.1	2.7	3.3	3.0	-0.056	0.001	0.000	0.000
17:45:00	6.3	5.0	7.6	6.9	3.2	2.7	3.9	3.7	-0.036	0.001	0.000	0.000
18:00:00	9.4	6.2	7.8	8.5	4.1	3.3	4.7	4.1	-0.011	0.000	0.000	0.002
18:15:00	8.0	6.1	7.7	9.2	4.2	3.5	5.0	4.2	-0.004	0.001	0.000	0.002
18:30:00	16.9	6.6	8.1	8.1	5.1	3.7	4.6	4.2	0.003	0.003	0.000	0.003
18:45:00	9.0	6.7	8.5	8.2	4.2	3.6	4.7	4.3	0.002	0.002	0.000	0.001
19:00:00	14.7	6.7	9.0	7.9	5.0	3.7	4.7	4.3	-0.001	0.000	0.016	0.000
19:15:00	10.1	6.4	9.4	9.3	4.5	3.7	4.9	4.5	-0.012	0.000	0.020	0.000
19:30:00	9.6	7.5	13.3	10.4	4.5	3.8	5.3	5.2	-0.022	0.000	0.017	0.000
19:45:00	9.9	7.4	18.9	8.1	4.7	3.9	5.0	6.2	-0.025	0.000	0.010	0.000
20:00:00	7.9	7.2	11.1	8.9	4.3	3.7	5.1	5.0	-0.038	0.000	0.007	0.000
20:15:00	55.2	5.4	13.1	8.0	9.0	2.7	4.5	5.2	-0.033	0.000	0.002	0.000
20:30:00	5.2	4.7	7.7	5.3	2.3	2.1	2.7	2.9	-0.025	0.000	0.000	0.000
20:45:00	4.4	4.2	5.4	4.0	2.3	2.1	2.4	2.2	-0.022	0.000	0.000	0.000
21:00:00	5.1	4.0	6.4	5.0	2.4	2.1	2.7	2.7	-0.028	0.000	0.000	0.000
21:15:00	4.9	4.0	5.5	4.2	2.3	2.0	2.4	2.8	-0.037	0.000	0.000	0.000
21:30:00	4.4	5.0	8.1	4.1	2.3	2.0	2.4	3.1	-0.052	0.000	0.000	0.000
21:45:00	5.0	4.7	10.7	5.5	2.4	2.0	2.7	3.4	-0.057	0.000	0.000	0.000
22:00:00	6.0	6.1	7.2	6.2	2.6	2.2	2.6	2.9	-0.063	0.000	0.000	0.000
22:15:00	7.9	6.1	6.3	6.3	2.7	2.3	2.7	2.7	-0.071	0.000	0.000	0.000
22:30:00	9.4	7.3	9.9	7.0	3.2	2.6	2.9	3.2	-0.076	0.000	0.000	0.000
22:45:00	8.9	7.8	9.1	7.9	3.8	3.3	3.9	3.5	-0.080	0.000	0.000	0.000
23:00:00	10.4	7.9	14.9	8.5	4.2	3.7	4.2	5.1	-0.083	0.000	0.000	0.000
23:15:00	11.7	8.4	10.9	8.4	4.2	3.6	4.0	4.0	-0.082	0.000	0.000	0.000
23:30:00	10.3	9.3	10.6	10.5	4.0	3.6	4.2	4.1	-0.079	0.000	0.000	0.000
23:45:00	11.2	8.7	14.1	9.8	4.2	3.6	4.2	4.5	-0.076	0.000	0.000	0.000



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Table 4 : Summary of Exceedances (greater than Action Level) - *None*