



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-30

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.2460 Max : 617.9	2943 NE	3277 W	2996 WSW	2997 NNW	Min : 34.34 Max : 59.90	Min : 31.00 Max : 69.10	Min : 29.96 Max : 30.26

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	8.0	57.1	3.5	10.8	0.034	0.097
2996	5.9	25.9	3.3	18.3	0.000	0.000
2997	8.4	29.0	4.0	10.8	0.026	0.076
3277	6.4	16.1	4.1	12.7	0.011	0.043

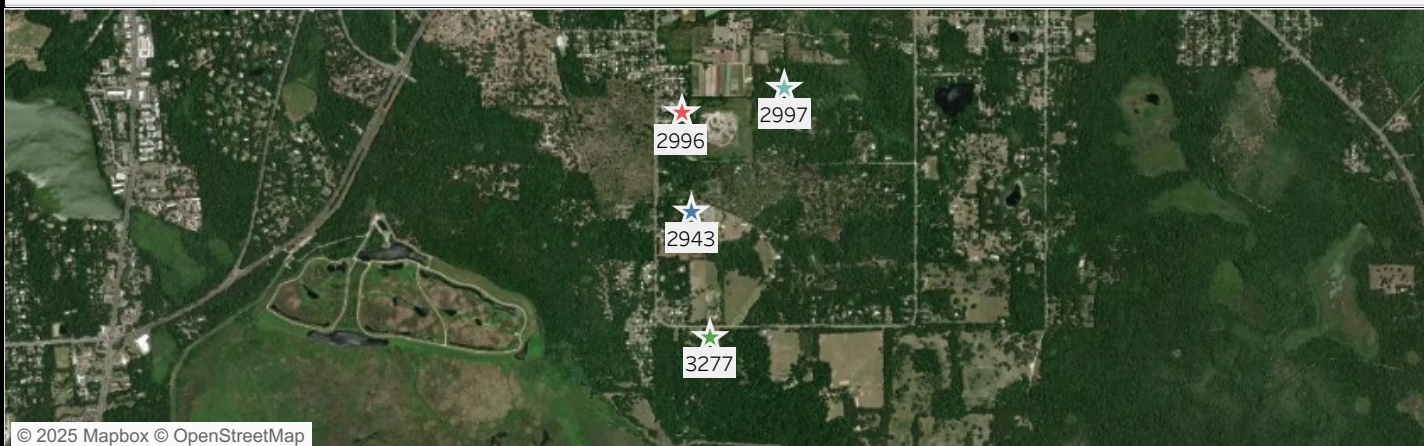


Figure 1 : Monitoring Locations

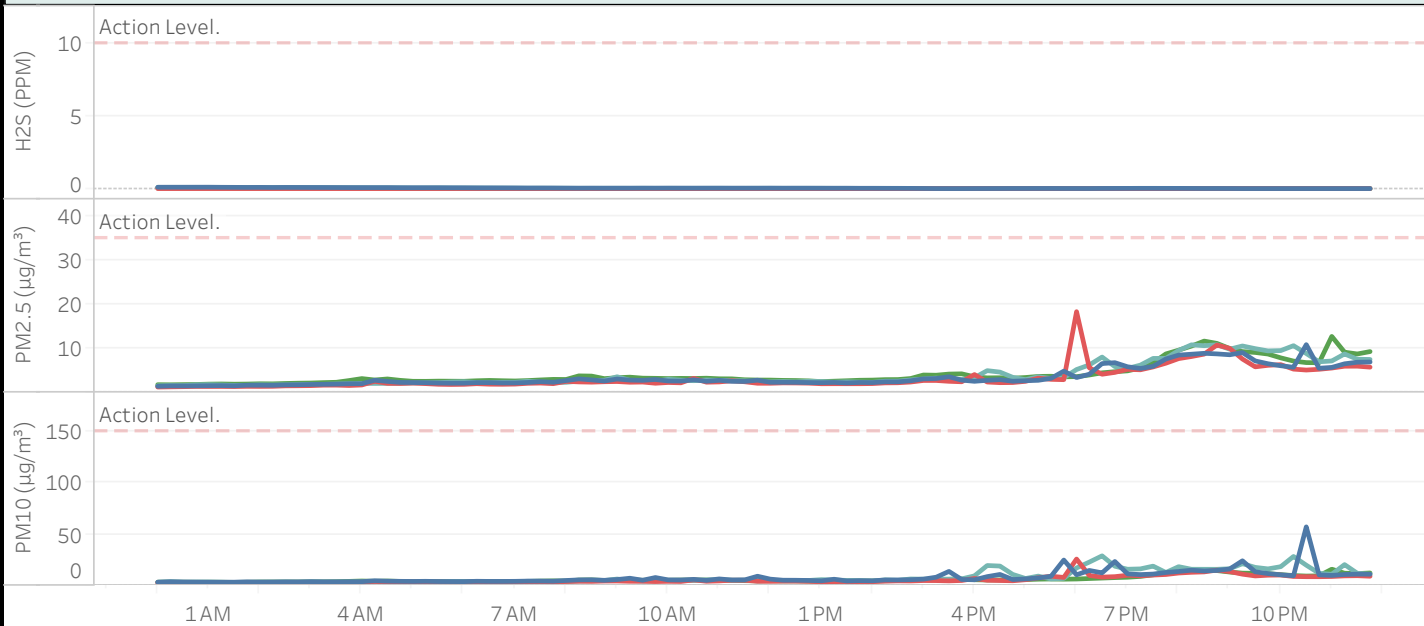


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

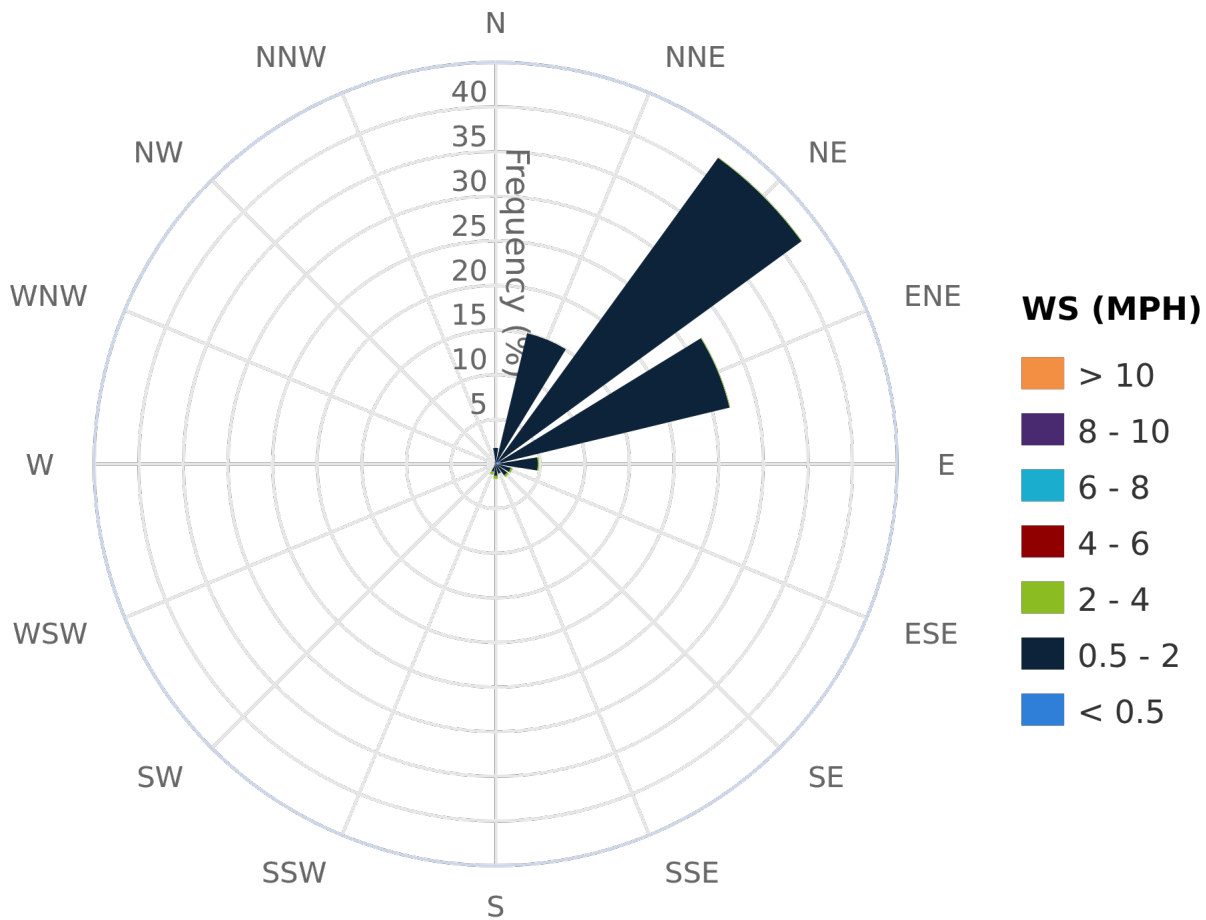


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

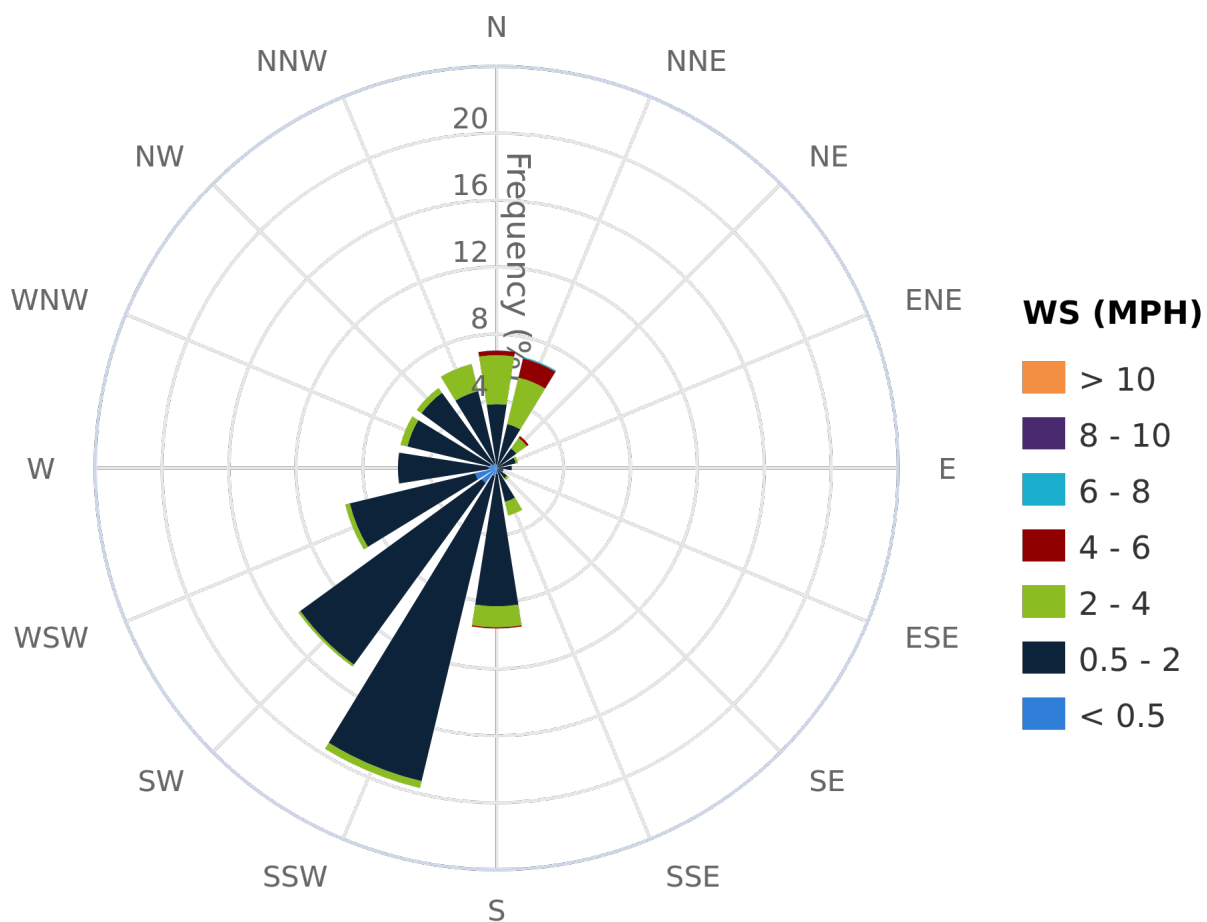


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

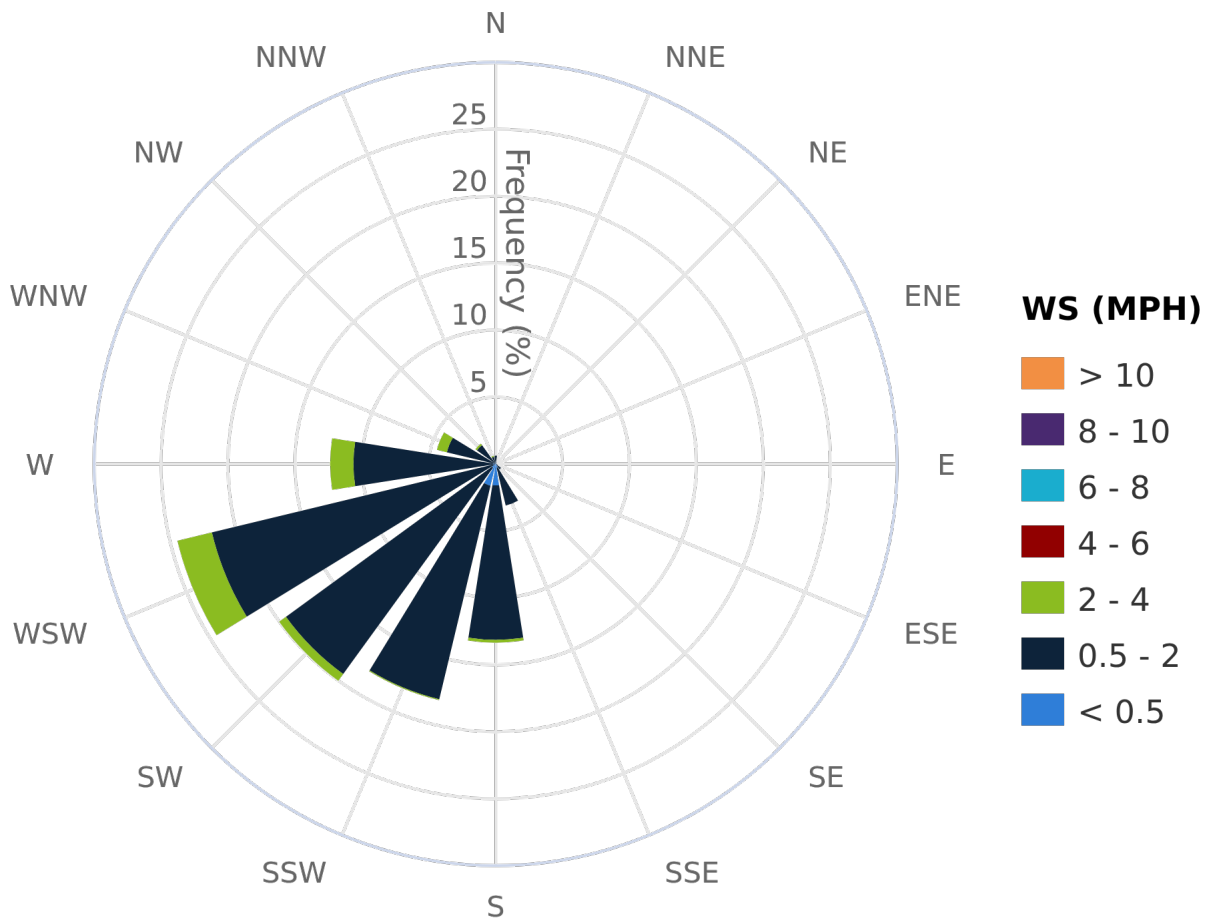


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

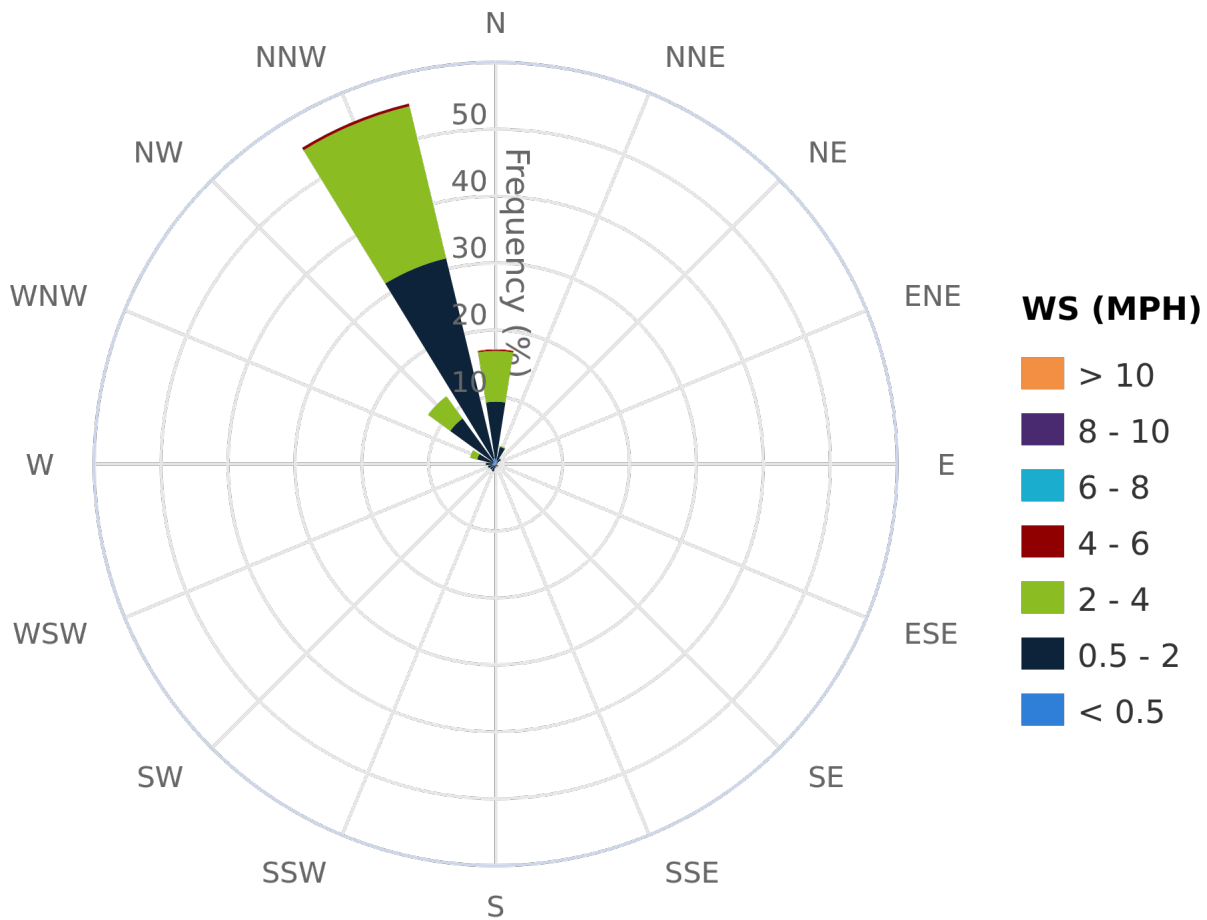


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	3.5	3.5	3.4	2.9	1.4	1.8	1.3	1.5	0.094	0.042	0.000	0.071
00:15:00	3.9	3.5	4.0	3.0	1.5	1.8	1.3	1.6	0.095	0.039	0.000	0.073
00:30:00	3.7	3.5	3.4	2.8	1.5	1.8	1.3	1.6	0.095	0.037	0.000	0.076
00:45:00	3.6	3.4	3.6	2.9	1.5	1.8	1.4	1.8	0.096	0.043	0.000	0.075
01:00:00	3.5	3.4	3.6	2.7	1.6	1.9	1.4	1.8	0.097	0.042	0.000	0.072
01:15:00	3.5	3.4	3.4	2.7	1.6	2.0	1.4	1.7	0.090	0.040	0.000	0.071
01:30:00	3.5	3.3	3.2	2.6	1.5	1.9	1.4	1.6	0.086	0.033	0.000	0.070
01:45:00	3.8	3.4	3.2	3.0	1.7	1.9	1.4	1.7	0.081	0.033	0.000	0.065
02:00:00	3.6	3.6	3.5	3.0	1.7	2.0	1.4	1.8	0.084	0.030	0.000	0.064
02:15:00	3.7	3.6	3.5	2.9	1.7	2.0	1.4	1.7	0.077	0.034	0.000	0.062
02:30:00	3.8	3.7	3.6	3.0	1.7	2.1	1.5	1.8	0.082	0.034	0.000	0.064
02:45:00	3.8	3.7	3.4	3.0	1.8	2.1	1.6	1.8	0.080	0.031	0.000	0.060
03:00:00	4.0	3.7	3.7	3.2	1.8	2.2	1.6	1.9	0.077	0.029	0.000	0.060
03:15:00	3.9	3.8	3.6	3.2	1.9	2.3	1.7	1.9	0.076	0.028	0.000	0.058
03:30:00	3.9	3.9	3.6	3.1	1.9	2.3	1.7	2.0	0.072	0.030	0.000	0.056
03:45:00	3.9	4.3	3.8	3.0	2.0	2.7	1.6	2.0	0.070	0.028	0.000	0.054
04:00:00	4.0	4.6	3.8	3.2	2.0	3.2	1.7	2.1	0.068	0.028	0.000	0.052
04:15:00	4.9	4.3	3.9	4.1	2.8	2.9	2.6	2.1	0.068	0.023	0.000	0.049
04:30:00	4.5	4.6	3.7	3.6	2.5	3.1	2.1	2.1	0.069	0.021	0.000	0.051
04:45:00	4.3	4.2	3.8	3.6	2.3	2.8	2.1	2.1	0.062	0.018	0.000	0.048
05:00:00	4.2	4.0	3.8	3.7	2.3	2.6	2.2	2.2	0.060	0.017	0.000	0.044
05:15:00	4.3	4.0	3.9	3.5	2.2	2.6	2.0	2.2	0.060	0.018	0.000	0.044
05:30:00	4.1	4.2	4.0	3.6	2.2	2.6	1.9	2.3	0.060	0.022	0.000	0.044
05:45:00	4.1	4.1	4.2	3.3	2.1	2.6	1.8	2.4	0.057	0.016	0.000	0.043
06:00:00	4.0	4.1	4.2	3.3	2.1	2.6	1.9	2.5	0.055	0.017	0.000	0.041
06:15:00	4.4	4.2	4.1	3.6	2.3	2.7	2.0	2.3	0.050	0.019	0.000	0.039
06:30:00	4.2	4.2	4.1	3.5	2.3	2.8	1.9	2.3	0.049	0.015	0.000	0.037
06:45:00	4.2	4.2	4.1	3.4	2.2	2.7	1.9	2.3	0.047	0.013	0.000	0.036
07:00:00	4.3	4.1	4.0	3.5	2.2	2.6	1.9	2.3	0.045	0.012	0.000	0.033
07:15:00	4.5	4.2	4.4	3.8	2.3	2.7	2.1	2.6	0.040	0.009	0.000	0.027
07:30:00	4.6	4.5	4.3	4.0	2.5	2.9	2.2	2.4	0.041	0.011	0.000	0.029
07:45:00	4.5	4.7	4.0	3.6	2.4	3.0	2.0	2.3	0.039	0.010	0.000	0.027
08:00:00	5.1	4.6	4.0	4.1	2.7	3.0	2.5	2.3	0.034	0.014	0.000	0.026
08:15:00	5.7	5.5	4.7	4.4	3.1	3.8	2.4	2.6	0.030	0.010	0.000	0.022
08:30:00	5.8	5.7	4.8	4.3	2.9	3.7	2.4	2.7	0.033	0.007	0.000	0.020
08:45:00	5.3	5.1	5.1	4.6	2.6	3.2	2.5	2.8	0.031	0.003	0.000	0.021
09:00:00	6.0	5.5	6.5	4.6	3.1	3.4	2.5	3.6	0.031	0.007	0.000	0.023
09:15:00	7.3	5.8	5.0	4.3	2.8	3.5	2.3	2.8	0.031	0.006	0.000	0.021
09:30:00	5.4	5.3	4.5	4.4	2.8	3.3	2.4	2.5	0.034	0.009	0.000	0.021
09:45:00	8.0	5.5	4.7	4.1	3.0	3.2	2.1	2.6	0.033	0.010	0.000	0.019
10:00:00	5.7	5.4	5.3	4.3	2.6	3.2	2.3	3.0	0.035	0.008	0.000	0.019
10:15:00	5.6	5.5	4.9	4.2	2.6	3.2	2.2	2.8	0.033	0.005	0.000	0.020
10:30:00	6.2	5.6	5.0	5.7	2.9	3.2	3.2	2.7	0.032	0.005	0.000	0.020
10:45:00	5.2	5.6	5.6	4.4	2.6	3.3	2.4	2.9	0.033	0.007	0.000	0.021
11:00:00	6.6	5.2	5.8	4.7	2.8	3.1	2.4	2.8	0.034	0.011	0.000	0.021
11:15:00	5.6	5.3	5.5	5.4	2.6	3.1	2.7	2.7	0.031	0.007	0.000	0.019
11:30:00	5.7	4.9	5.6	5.3	2.5	2.9	2.5	2.7	0.031	0.002	0.000	0.020
11:45:00	9.2	4.8	4.7	4.3	2.8	2.9	2.1	2.5	0.031	0.005	0.000	0.022



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12:00:00	6.4	4.9	5.1	4.3	2.3	2.8	2.1	2.4	0.033	0.008	0.000	0.022
12:15:00	5.4	4.7	5.0	4.5	2.3	2.8	2.2	2.5	0.030	0.001	0.000	0.020
12:30:00	5.3	4.7	5.1	4.5	2.3	2.7	2.2	2.4	0.031	0.005	0.000	0.020
12:45:00	5.1	4.5	5.1	4.3	2.3	2.7	2.1	2.6	0.029	0.006	0.000	0.021
13:00:00	4.8	4.2	5.9	3.8	2.3	2.5	2.0	2.5	0.028	0.003	0.000	0.021
13:15:00	6.3	4.4	5.6	4.0	2.3	2.6	2.0	2.4	0.027	0.002	0.000	0.018
13:30:00	4.6	4.5	5.2	4.1	2.2	2.7	2.0	2.4	0.028	0.001	0.000	0.017
13:45:00	4.9	4.6	5.1	3.9	2.3	2.8	2.0	2.4	0.023	0.002	0.000	0.016
14:00:00	4.8	4.6	4.5	4.0	2.3	2.8	2.0	2.3	0.023	0.002	0.000	0.017
14:15:00	5.6	4.9	5.7	4.5	2.4	2.9	2.2	2.6	0.020	0.001	0.000	0.017
14:30:00	5.6	5.0	5.3	4.7	2.4	3.0	2.2	2.6	0.019	0.002	0.000	0.016
14:45:00	5.9	5.3	6.6	4.6	2.7	3.2	2.4	2.9	0.016	0.001	0.000	0.013
15:00:00	6.4	6.2	6.4	5.0	3.1	4.0	2.7	3.1	0.009	0.000	0.000	0.010
15:15:00	8.3	6.0	6.5	5.0	3.2	3.9	2.7	3.3	0.002	0.000	0.000	0.010
15:30:00	13.9	6.3	6.4	4.7	3.6	4.2	2.6	3.0	0.000	0.004	0.000	0.012
15:45:00	6.1	6.5	6.7	5.1	2.8	4.3	2.5	3.0	0.000	0.001	0.000	0.009
16:00:00	5.8	5.8	9.6	7.1	2.6	3.6	4.1	3.4	0.003	0.000	0.000	0.011
16:15:00	8.9	5.6	19.6	5.3	2.8	3.3	2.4	5.0	0.004	0.000	0.000	0.009
16:30:00	11.0	5.7	19.1	5.1	2.9	3.4	2.3	4.6	0.006	0.000	0.000	0.009
16:45:00	6.0	5.8	11.0	4.8	2.6	3.3	2.3	3.5	0.009	0.002	0.000	0.008
17:00:00	6.6	6.0	7.1	5.9	2.7	3.4	2.6	2.9	0.009	0.003	0.000	0.009
17:15:00	7.6	6.4	9.4	7.7	2.8	3.7	3.3	3.6	0.010	0.003	0.000	0.009
17:30:00	9.2	6.6	6.6	9.3	3.2	3.7	3.0	3.2	0.010	0.004	0.000	0.007
17:45:00	24.9	6.4	7.1	8.1	4.9	3.6	2.9	3.4	0.008	0.003	0.000	0.004
18:00:00	10.6	6.6	17.2	25.9	3.4	3.6	18.3	5.2	0.007	0.005	0.000	0.003
18:15:00	14.8	7.0	22.9	9.9	4.2	4.0	5.6	6.3	0.006	0.004	0.000	0.010
18:30:00	12.5	7.5	29.0	8.4	6.6	4.5	4.2	8.0	0.012	0.005	0.000	0.012
18:45:00	23.5	7.9	18.9	8.8	6.8	4.7	4.6	5.9	0.014	0.004	0.000	0.013
19:00:00	11.5	8.3	16.0	10.2	5.8	4.9	5.3	5.5	0.016	0.004	0.000	0.013
19:15:00	10.8	9.1	16.3	9.6	5.5	5.6	5.2	6.2	0.019	0.003	0.000	0.014
19:30:00	11.3	10.6	19.0	10.4	5.9	6.8	5.8	7.7	0.018	0.002	0.000	0.011
19:45:00	12.9	12.6	12.9	10.9	7.6	8.7	6.7	7.8	0.017	0.003	0.000	0.012
20:00:00	13.9	13.1	18.5	12.3	8.5	9.6	7.7	9.5	0.016	0.004	0.000	0.011
20:15:00	15.1	14.0	16.0	13.0	8.7	10.5	8.2	10.8	0.012	0.003	0.000	0.009
20:30:00	14.4	15.3	16.0	13.4	8.9	11.7	8.7	10.6	0.007	0.002	0.000	0.008
20:45:00	14.9	14.7	16.0	15.2	8.8	11.1	10.8	10.8	0.008	0.001	0.000	0.006
21:00:00	16.2	13.3	16.5	13.7	8.6	10.0	10.0	9.8	0.005	0.001	0.000	0.005
21:15:00	24.2	12.2	21.4	11.2	9.1	9.3	7.6	10.5	0.001	0.002	0.000	0.000
21:30:00	13.5	12.1	17.8	9.5	7.2	9.1	5.8	9.9	0.000	0.001	0.000	0.000
21:45:00	11.8	11.7	16.4	10.2	6.5	8.7	6.2	9.4	0.000	0.000	0.000	0.000
22:00:00	10.6	10.8	18.5	10.4	6.1	7.9	6.3	9.5	0.000	0.001	0.000	0.000
22:15:00	9.7	9.9	28.4	9.0	5.7	7.1	5.3	10.6	0.000	0.000	0.000	0.000
22:30:00	57.1	9.4	19.9	8.8	10.8	6.8	5.1	8.8	0.000	0.000	0.000	0.000
22:45:00	10.5	9.6	12.1	8.8	5.5	6.8	5.3	7.0	0.000	0.000	0.000	0.000
23:00:00	10.1	16.1	11.1	9.0	5.7	12.7	5.6	7.2	0.000	0.000	0.000	0.000
23:15:00	10.9	12.2	20.5	9.6	6.5	9.1	6.0	8.7	0.000	0.000	0.000	0.000
23:30:00	11.3	11.8	12.1	9.7	6.9	8.7	6.0	7.6	0.000	0.000	0.000	0.000
23:45:00	11.2	12.4	11.2	9.2	6.9	9.3	5.8	7.5	0.000	0.000	0.000	0.000



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