



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-29

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 22.39	2943 E	3277 S	2996 WSW	2997 WNW	Min : 48.20 Max : 79.52	Min : 44.50 Max : 92.20	Min : 29.91 Max : 30.17

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	9.7	45.6	2.4	11.6	0.015	0.086
2996	5.0	14.7	2.2	8.8	0.001	0.010
2997	5.8	22.4	2.6	11.7	0.011	0.066
3277	5.6	11.4	2.6	7.9	0.010	0.048

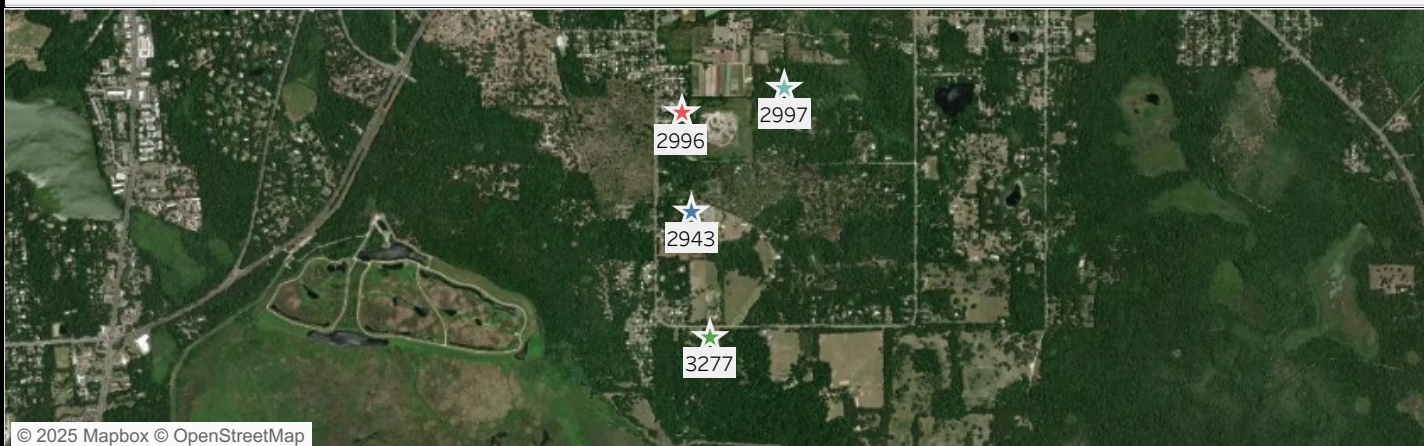


Figure 1 : Monitoring Locations

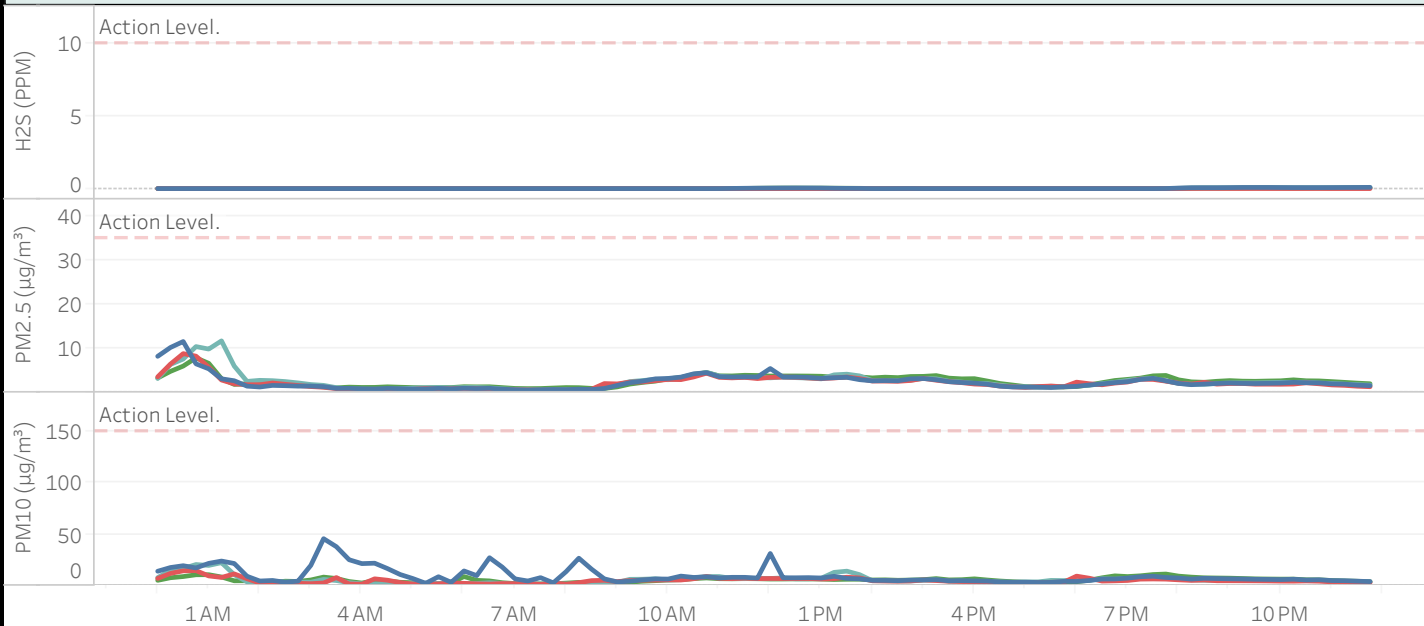


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

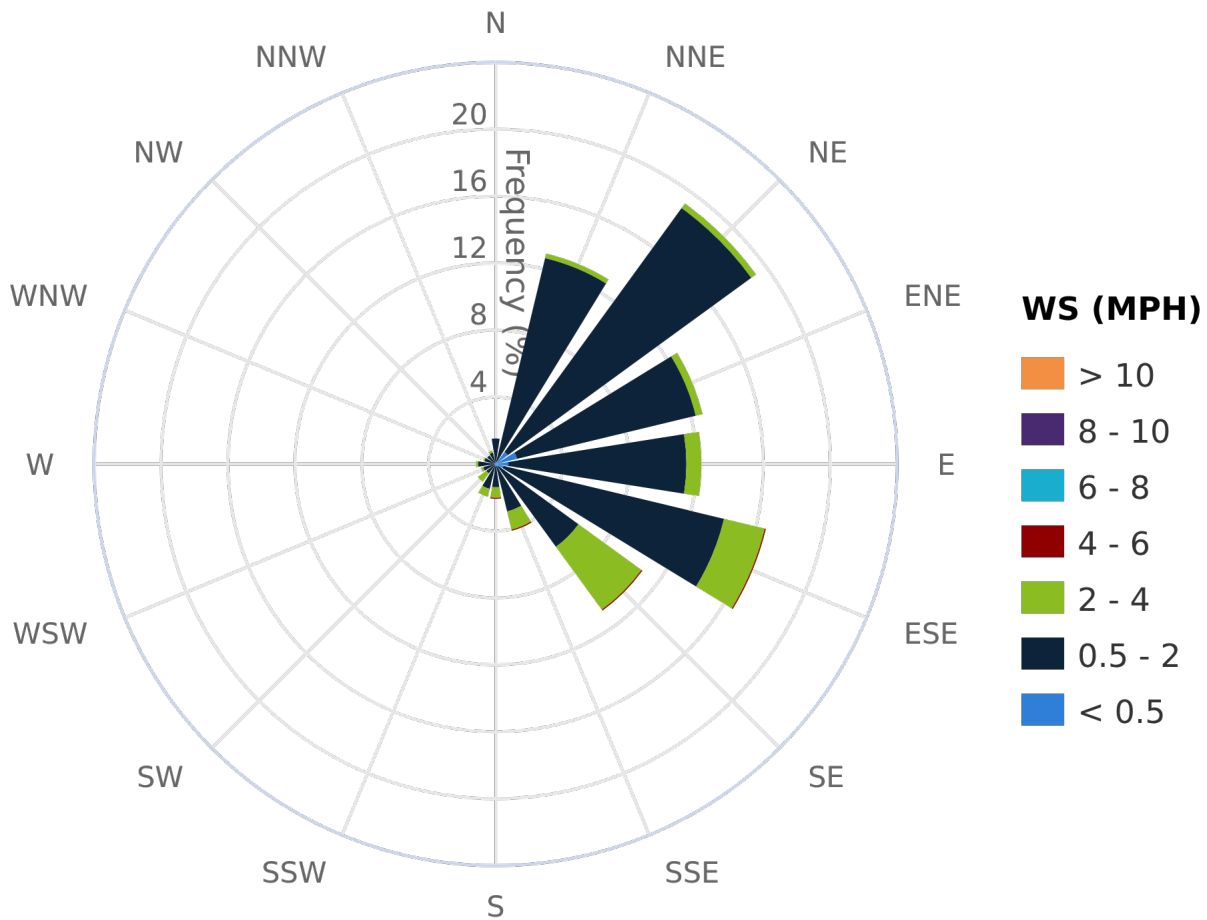


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

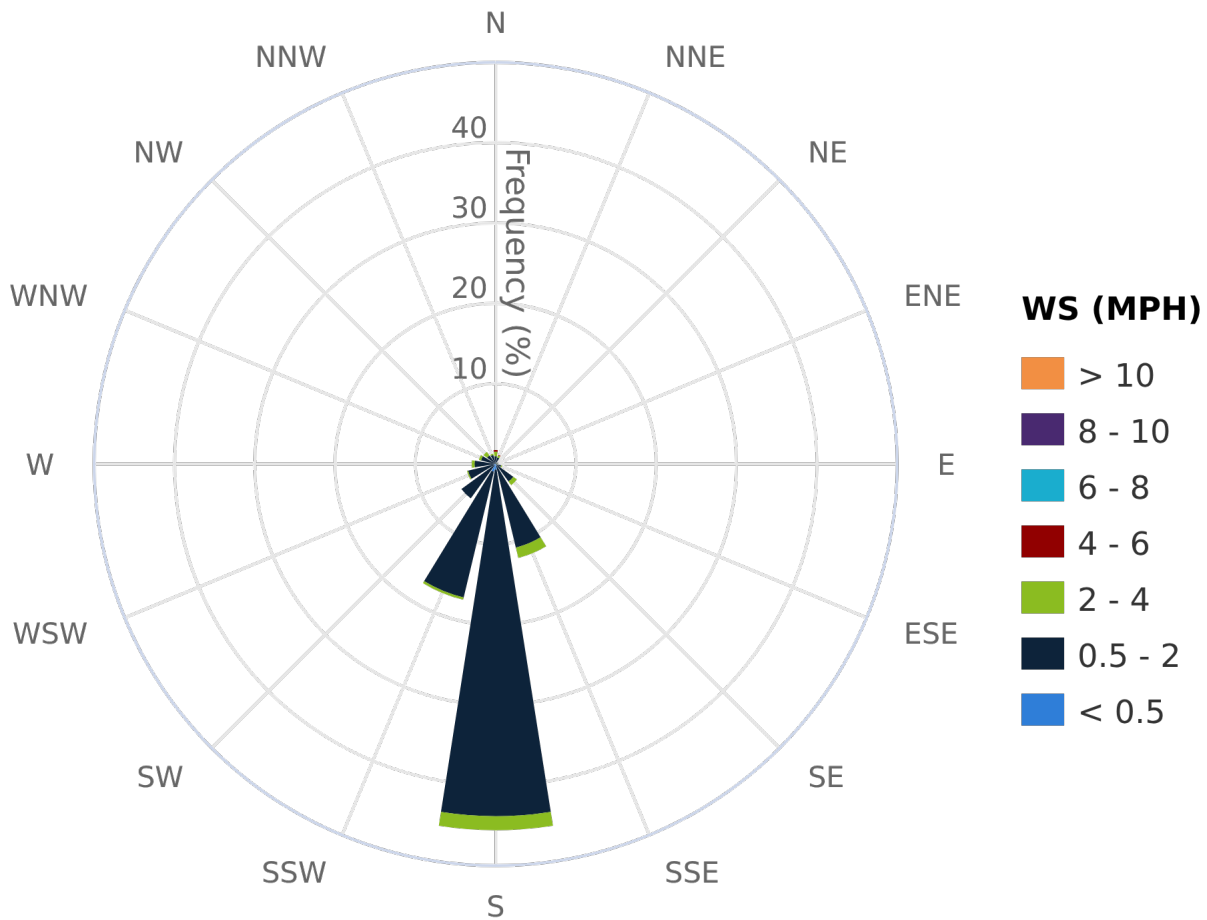


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

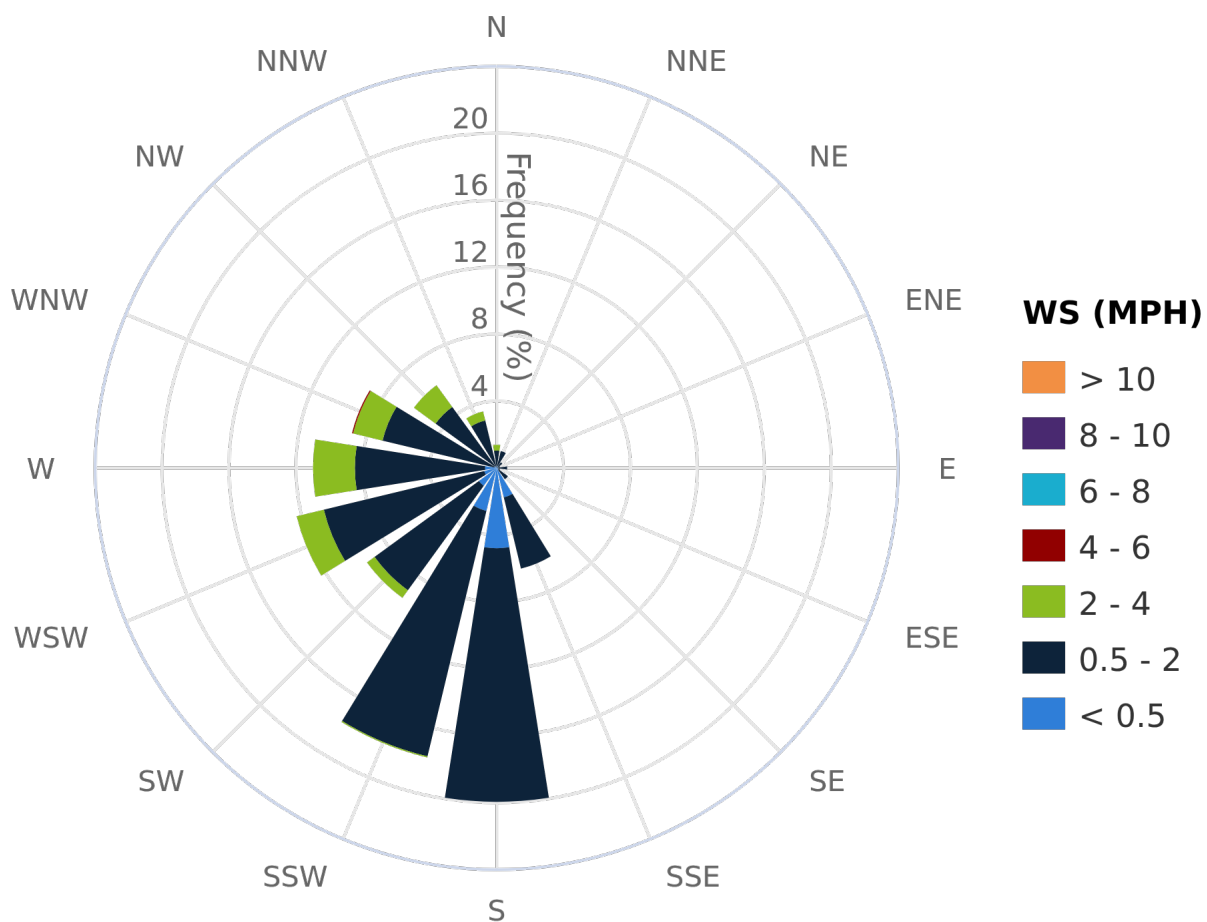


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

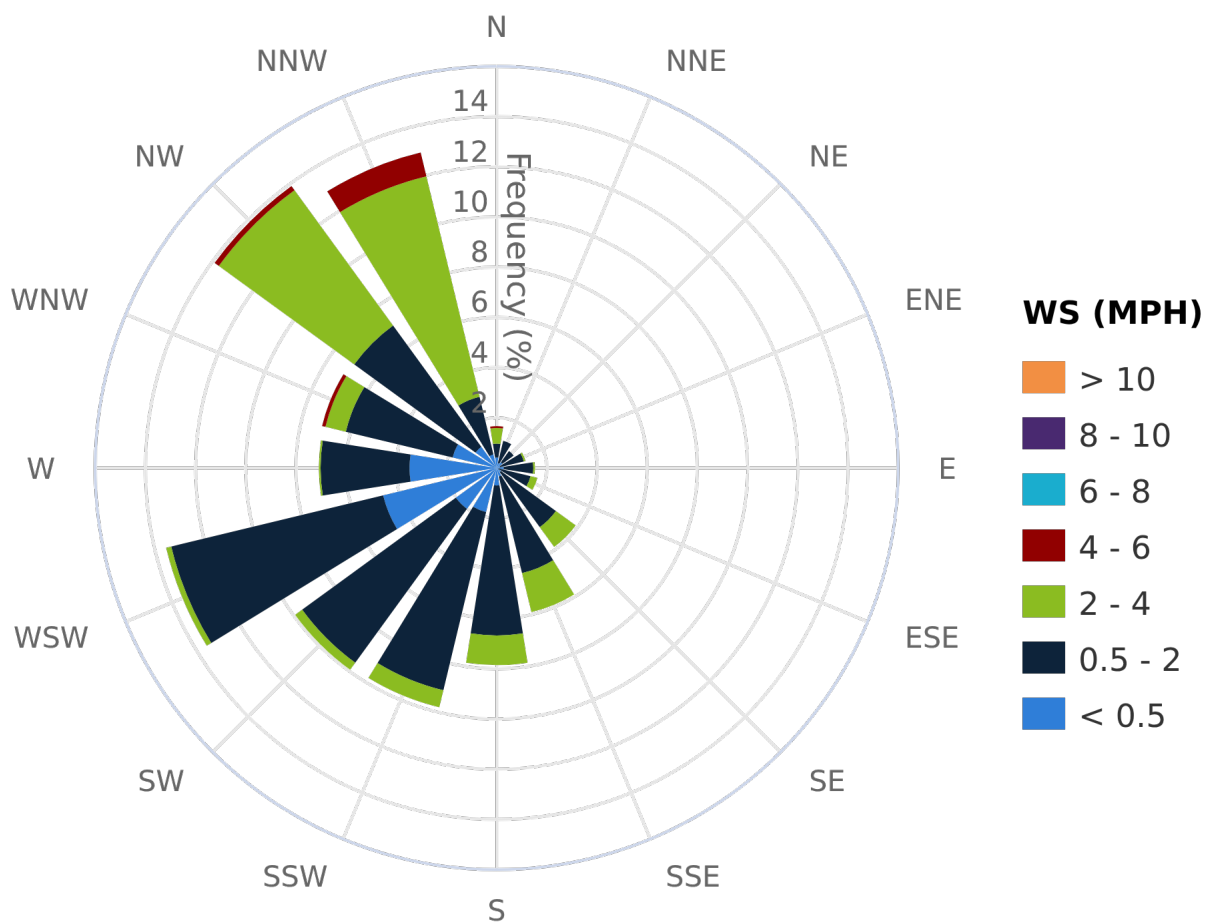


Figure 3 : Wind Rose Chart (WS in MPH)



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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	14.1	5.3	7.9	7.1	8.2	3.3	3.6	3.2	0.000	0.000	0.000	0.000
00:15:00	17.7	7.8	15.0	12.0	10.2	4.8	6.4	6.4	0.000	0.000	0.000	0.000
00:30:00	19.4	8.9	16.8	14.5	11.6	6.0	8.8	7.6	0.000	0.000	0.000	0.000
00:45:00	17.3	10.7	20.6	14.7	6.5	7.9	8.2	10.4	0.000	0.000	0.000	0.000
01:00:00	21.7	10.7	19.7	9.5	5.4	6.6	5.8	9.8	0.000	0.000	0.000	0.000
01:15:00	23.9	8.5	22.4	8.1	3.1	3.2	2.9	11.7	0.000	0.000	0.000	0.000
01:30:00	21.6	4.8	10.7	11.5	2.7	1.9	2.0	6.0	0.000	0.000	0.000	0.000
01:45:00	9.2	4.8	3.8	6.8	1.5	2.0	1.8	2.5	0.000	0.000	0.000	0.000
02:00:00	4.6	3.7	4.0	2.6	1.3	2.0	1.8	2.8	0.000	0.000	0.000	0.000
02:15:00	5.1	3.3	4.5	3.0	1.6	2.0	2.2	2.7	0.000	0.000	0.000	0.000
02:30:00	3.4	4.4	3.7	2.7	1.6	2.1	1.9	2.5	0.000	0.000	0.000	0.000
02:45:00	4.5	4.2	3.6	2.4	1.5	1.8	1.6	2.2	0.000	0.000	0.000	0.000
03:00:00	19.8	5.6	3.4	2.0	1.5	1.5	1.4	1.8	0.000	0.000	0.000	0.000
03:15:00	45.6	8.4	6.1	2.7	1.4	1.3	1.2	1.6	0.000	0.000	0.000	0.000
03:30:00	37.9	7.0	5.1	8.0	1.0	1.1	0.9	1.1	0.000	0.000	0.000	0.000
03:45:00	25.2	4.1	3.0	1.7	1.0	1.2	0.6	0.8	0.000	0.000	0.000	0.000
04:00:00	21.5	2.6	1.9	1.5	0.9	1.2	0.6	0.8	0.000	0.000	0.000	0.000
04:15:00	21.9	5.1	1.8	6.7	0.8	1.2	0.7	0.8	0.000	0.000	0.000	0.000
04:30:00	16.7	4.6	2.1	5.4	1.0	1.3	0.7	0.8	0.000	0.000	0.000	0.000
04:45:00	10.9	3.4	2.1	3.1	0.9	1.2	0.7	0.9	0.000	0.000	0.000	0.000
05:00:00	7.0	2.9	2.1	1.7	0.8	1.1	0.8	1.0	0.000	0.000	0.000	0.000
05:15:00	2.4	2.0	2.4	1.7	0.8	1.1	0.9	1.1	0.000	0.000	0.000	0.000
05:30:00	8.8	2.1	2.3	1.8	1.0	1.2	0.9	1.2	0.000	0.000	0.000	0.000
05:45:00	3.3	2.8	2.4	2.8	0.9	1.2	0.9	1.1	0.000	0.000	0.000	0.000
06:00:00	14.4	8.9	2.3	2.4	1.0	1.3	0.9	1.2	0.000	0.000	0.000	0.000
06:15:00	9.8	5.2	2.3	1.9	0.9	1.3	0.9	1.2	0.000	0.001	0.000	0.000
06:30:00	27.2	4.7	2.9	1.6	1.0	1.3	0.8	1.1	0.000	0.000	0.000	0.000
06:45:00	18.1	3.0	2.4	2.1	0.8	1.1	0.7	0.9	0.000	0.000	0.000	0.000
07:00:00	6.7	2.1	1.6	2.1	0.7	0.9	0.6	0.7	0.000	0.001	0.000	0.000
07:15:00	4.6	1.7	1.6	2.1	0.6	0.9	0.6	0.7	0.000	0.003	0.000	0.000
07:30:00	7.9	1.8	1.8	1.4	0.7	0.9	0.6	0.6	0.000	0.003	0.000	0.000
07:45:00	2.8	1.9	1.8	2.7	0.7	1.0	0.6	0.7	0.000	0.002	0.000	0.000
08:00:00	13.7	2.6	1.8	1.5	0.7	1.2	0.5	0.7	0.000	0.002	0.000	0.000
08:15:00	26.7	3.3	1.7	3.0	0.8	1.1	0.6	0.7	0.000	0.000	0.000	0.000
08:30:00	16.1	2.9	2.4	5.0	0.7	1.0	0.8	0.7	0.000	0.000	0.000	0.000
08:45:00	6.7	2.3	2.3	5.3	0.9	1.0	2.1	1.1	0.000	0.000	0.000	0.000
09:00:00	3.7	2.9	3.2	4.1	1.6	1.3	2.0	1.8	0.000	0.000	0.000	0.000
09:15:00	4.4	3.5	6.3	5.0	2.3	1.9	2.4	2.5	0.000	0.000	0.000	0.000
09:30:00	5.7	4.4	6.3	5.4	2.6	2.3	2.4	2.7	0.000	0.000	0.000	0.000
09:45:00	6.6	4.9	6.8	5.4	3.1	2.6	2.7	3.0	0.000	0.000	0.000	0.000
10:00:00	6.5	5.6	5.6	5.7	3.2	3.1	3.0	2.9	0.000	0.000	0.000	0.000
10:15:00	9.4	5.9	6.0	5.6	3.5	3.4	2.9	3.2	0.000	0.000	0.000	0.000
10:30:00	8.1	6.9	7.7	6.8	4.3	4.1	3.5	3.9	0.000	0.000	0.000	0.000
10:45:00	8.7	7.6	9.0	8.9	4.5	4.5	4.4	4.6	0.000	0.000	0.000	0.000
11:00:00	7.6	6.8	9.0	7.2	3.6	3.8	3.5	3.7	0.002	0.004	0.000	0.000
11:15:00	8.2	6.7	7.1	6.9	3.5	3.8	3.3	3.4	0.012	0.011	0.000	0.002
11:30:00	8.2	6.9	6.9	7.3	3.6	3.9	3.5	3.4	0.023	0.014	0.000	0.010
11:45:00	7.5	6.8	7.3	6.9	3.5	3.9	3.2	3.4	0.031	0.024	0.000	0.016



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12:00:00	31.3	6.5	7.1	7.0	5.5	3.8	3.5	3.3	0.034	0.033	0.000	0.020
12:15:00	7.8	6.5	7.6	7.0	3.5	3.8	3.5	3.5	0.039	0.036	0.000	0.024
12:30:00	7.7	6.7	6.7	7.0	3.5	3.8	3.5	3.4	0.042	0.036	0.000	0.027
12:45:00	7.9	6.6	6.7	7.0	3.4	3.8	3.3	3.3	0.041	0.030	0.000	0.026
13:00:00	7.5	6.5	7.3	6.6	3.2	3.7	3.2	3.1	0.036	0.033	0.000	0.023
13:15:00	9.2	6.1	13.0	6.8	3.4	3.5	3.3	4.0	0.023	0.028	0.000	0.018
13:30:00	7.1	6.3	14.2	8.3	3.5	3.5	3.5	4.2	0.016	0.025	0.000	0.012
13:45:00	6.7	6.3	10.8	7.6	2.9	3.6	3.2	3.8	0.012	0.020	0.000	0.011
14:00:00	5.2	5.6	4.9	4.8	2.7	3.3	2.6	2.7	0.002	0.009	0.000	0.001
14:15:00	5.2	5.7	4.8	4.6	2.7	3.5	2.6	2.7	0.000	0.011	0.000	0.000
14:30:00	4.9	5.3	4.6	4.5	2.7	3.4	2.6	2.7	0.003	0.009	0.000	0.000
14:45:00	5.5	5.5	4.7	4.7	3.1	3.6	2.7	2.8	0.005	0.010	0.000	0.000
15:00:00	5.7	5.9	5.3	5.6	3.2	3.7	3.2	3.2	0.000	0.007	0.000	0.000
15:15:00	5.9	7.0	5.8	5.0	2.9	3.9	2.8	3.1	0.000	0.000	0.000	0.000
15:30:00	4.8	5.7	4.5	4.4	2.5	3.3	2.5	2.6	0.000	0.000	0.000	0.000
15:45:00	5.0	5.9	4.4	4.1	2.3	3.1	2.3	2.4	0.000	0.000	0.000	0.000
16:00:00	4.7	6.7	4.1	4.0	2.2	3.2	1.9	2.1	0.000	0.000	0.000	0.000
16:15:00	4.5	5.6	4.5	3.8	1.9	2.6	1.8	2.1	0.000	0.000	0.000	0.000
16:30:00	3.7	4.6	3.8	3.2	1.5	2.1	1.5	1.7	0.000	0.000	0.000	0.000
16:45:00	3.4	3.9	3.5	3.0	1.3	1.7	1.3	1.4	0.000	0.000	0.000	0.000
17:00:00	3.5	3.4	3.8	3.0	1.3	1.4	1.2	1.3	0.000	0.000	0.000	0.000
17:15:00	3.2	3.2	3.8	3.0	1.2	1.3	1.4	1.3	0.000	0.000	0.000	0.000
17:30:00	3.3	3.2	5.2	3.4	1.2	1.3	1.5	1.5	0.000	0.000	0.000	0.000
17:45:00	4.3	3.7	5.0	3.5	1.3	1.3	1.3	1.4	0.000	0.000	0.000	0.000
18:00:00	4.2	3.9	5.8	9.3	1.4	1.4	2.4	1.6	0.000	0.000	0.000	0.000
18:15:00	5.1	5.3	5.3	7.3	1.7	1.7	2.0	1.7	0.000	0.000	0.000	0.000
18:30:00	6.5	7.7	6.8	4.5	2.0	2.3	1.8	2.0	0.000	0.000	0.000	0.000
18:45:00	6.6	9.6	6.4	4.8	2.3	2.7	2.2	2.4	0.000	0.000	0.000	0.000
19:00:00	7.4	8.9	7.2	5.1	2.5	3.0	2.4	2.8	0.000	0.000	0.000	0.000
19:15:00	8.8	9.6	8.1	6.4	3.0	3.3	3.0	3.1	0.000	0.000	0.000	0.000
19:30:00	9.2	10.9	8.5	6.6	3.2	3.8	3.0	3.2	0.000	0.000	0.000	0.000
19:45:00	8.0	11.4	7.5	6.4	2.7	3.9	2.6	2.7	0.008	0.001	0.000	0.001
20:00:00	7.5	9.3	6.5	5.7	2.1	2.9	2.2	2.1	0.036	0.014	0.003	0.023
20:15:00	6.5	8.4	5.7	5.2	1.8	2.4	1.9	1.9	0.060	0.024	0.008	0.044
20:30:00	7.2	7.7	5.3	5.6	1.9	2.3	2.3	1.9	0.061	0.032	0.010	0.051
20:45:00	7.0	7.5	5.2	4.9	2.1	2.6	1.9	2.1	0.060	0.033	0.008	0.049
21:00:00	6.7	7.4	5.4	4.8	2.2	2.7	2.1	2.2	0.069	0.032	0.008	0.048
21:15:00	6.6	7.0	5.4	4.8	2.1	2.6	2.1	2.2	0.079	0.039	0.005	0.052
21:30:00	6.3	6.7	5.5	4.8	2.1	2.6	1.9	2.2	0.079	0.043	0.006	0.055
21:45:00	6.2	6.5	5.3	4.7	2.1	2.6	1.9	2.3	0.079	0.046	0.004	0.056
22:00:00	6.0	6.4	5.3	4.5	2.2	2.7	1.9	2.3	0.074	0.036	0.005	0.055
22:15:00	6.3	6.5	5.2	4.5	2.3	2.9	1.9	2.3	0.069	0.032	0.004	0.053
22:30:00	5.6	5.8	5.2	4.7	2.2	2.7	2.2	2.4	0.068	0.035	0.005	0.051
22:45:00	5.8	5.7	5.0	4.4	2.2	2.7	2.0	2.2	0.068	0.034	0.006	0.050
23:00:00	5.0	5.1	4.5	3.8	2.0	2.5	1.7	2.1	0.071	0.034	0.003	0.056
23:15:00	4.9	4.6	4.3	3.7	1.9	2.3	1.6	1.9	0.076	0.044	0.001	0.057
23:30:00	4.5	4.4	4.1	3.3	1.7	2.1	1.5	1.8	0.079	0.047	0.000	0.061
23:45:00	4.0	3.9	3.9	3.1	1.6	2.0	1.3	1.7	0.086	0.048	0.000	0.066



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