



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-09

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.06000 Max : 32.28	2943 ENE	3277 N	2996 S	2997 N	Min : 39.56 Max : 70.34	Min : 44.00 Max : 91.70	Min : 30.04 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)
2943	9.9	14.4	6.4	9.1	0.009	0.055
2996	8.8	11.8	5.8	7.8	0.000	0.005
2997	9.9	18.1	6.6	14.7	0.011	0.130
3277	13.3	19.1	10.3	17.0	0.006	0.030

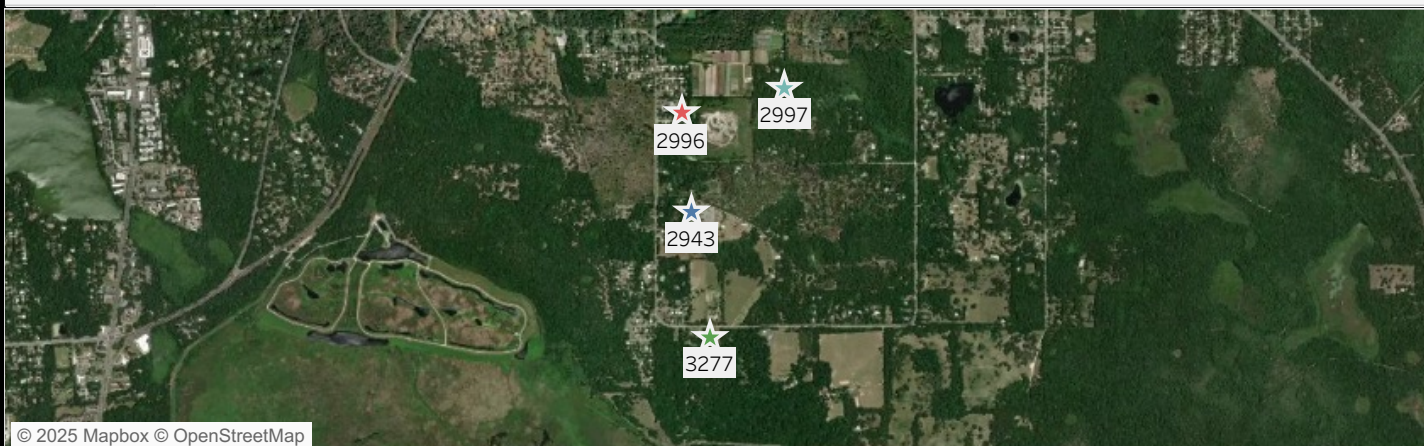


Figure 1 : Monitoring Locations

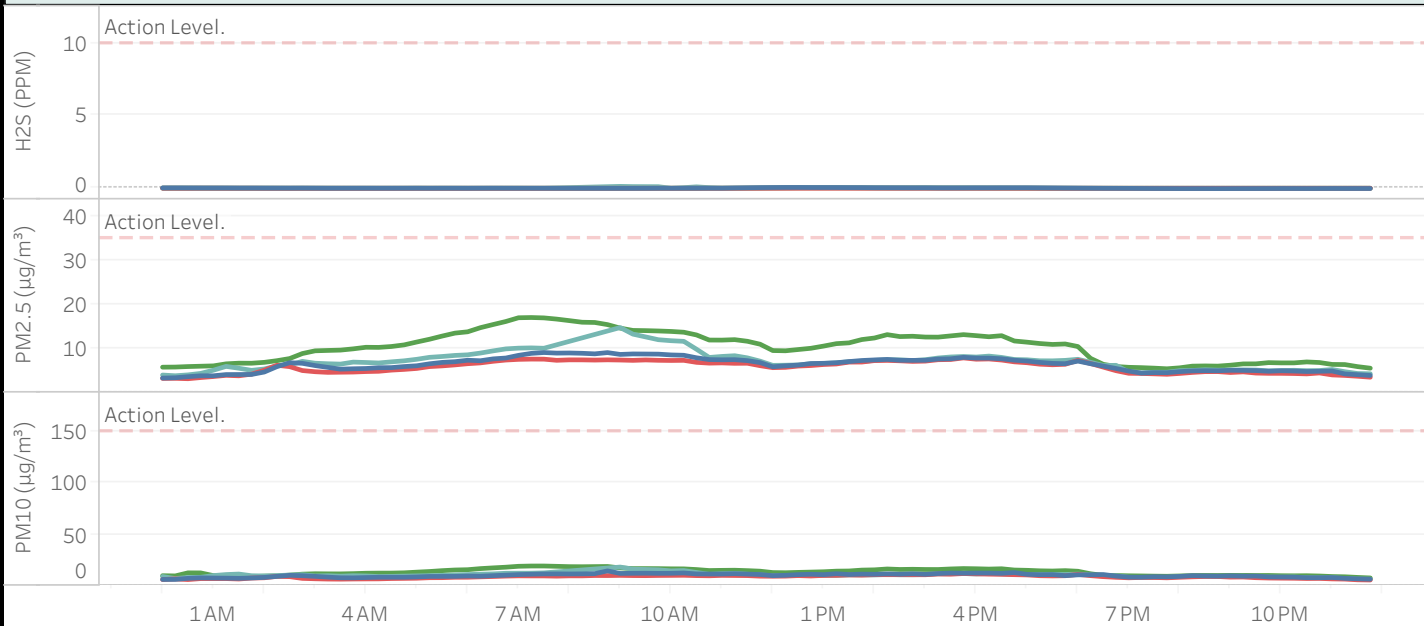


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

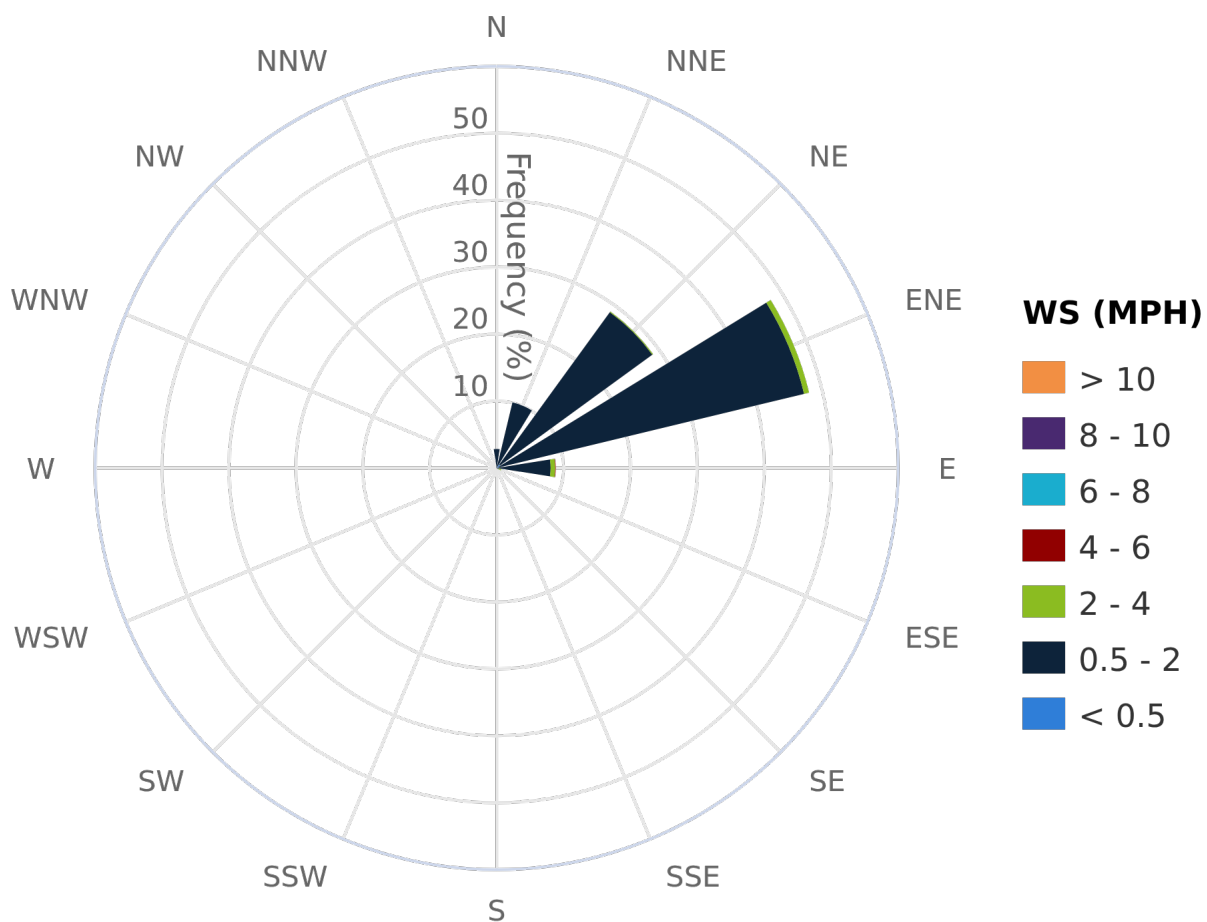


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

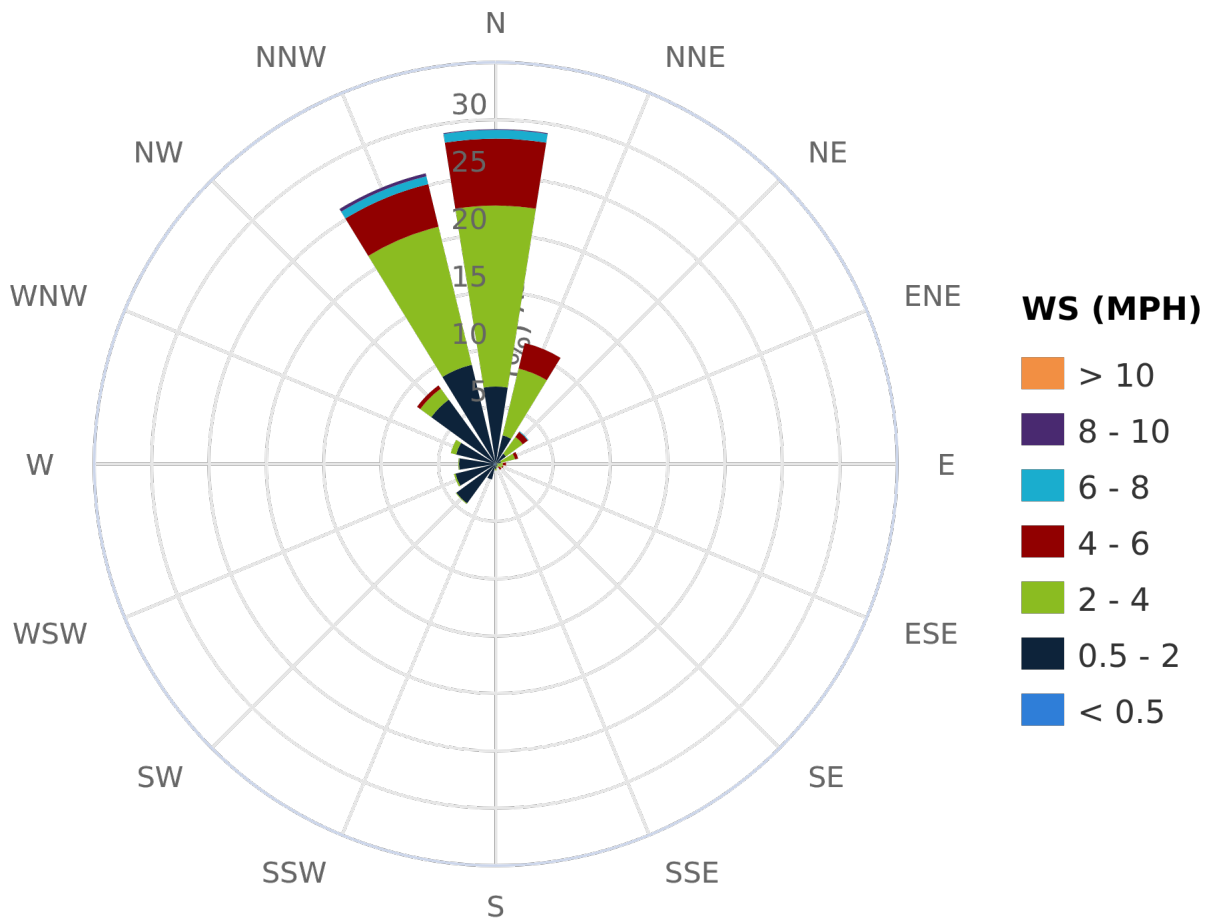


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

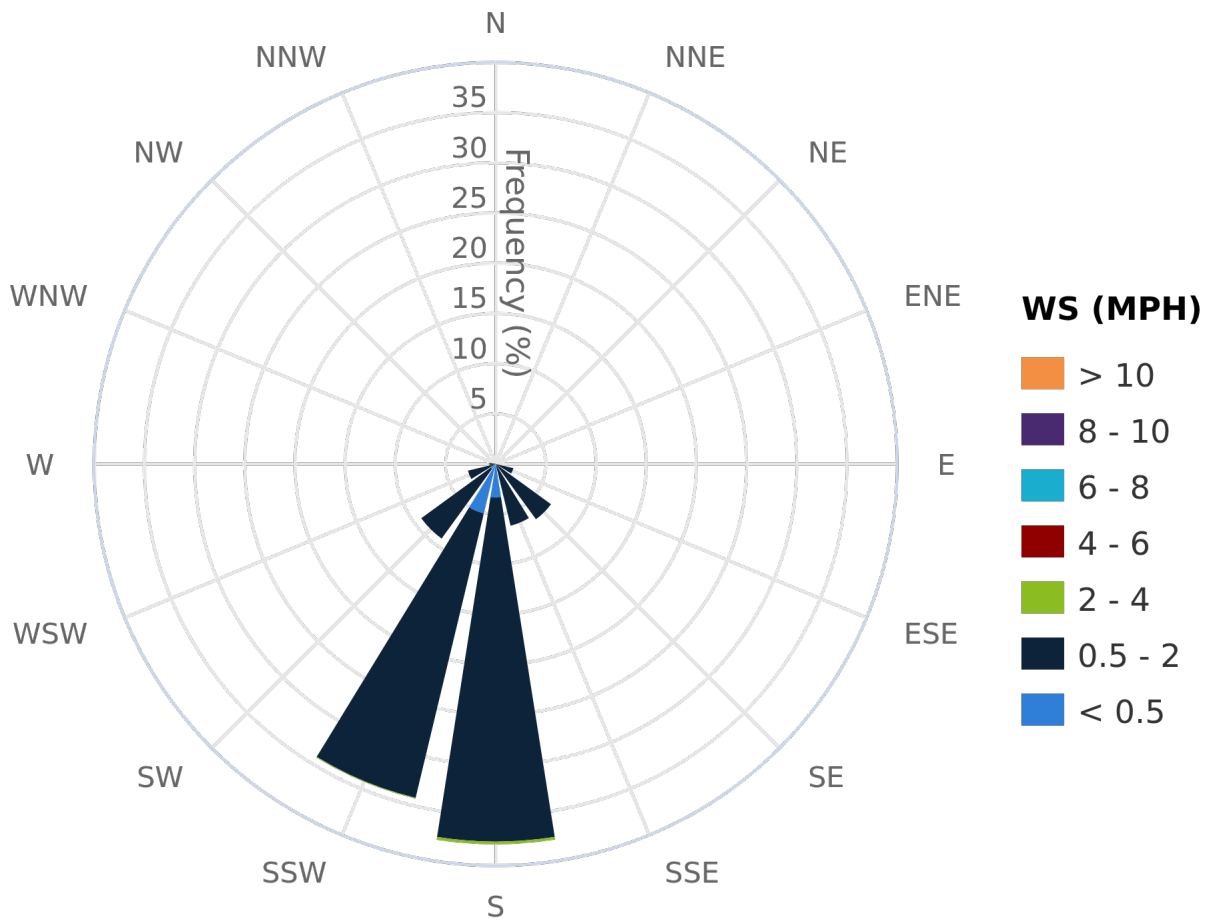


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

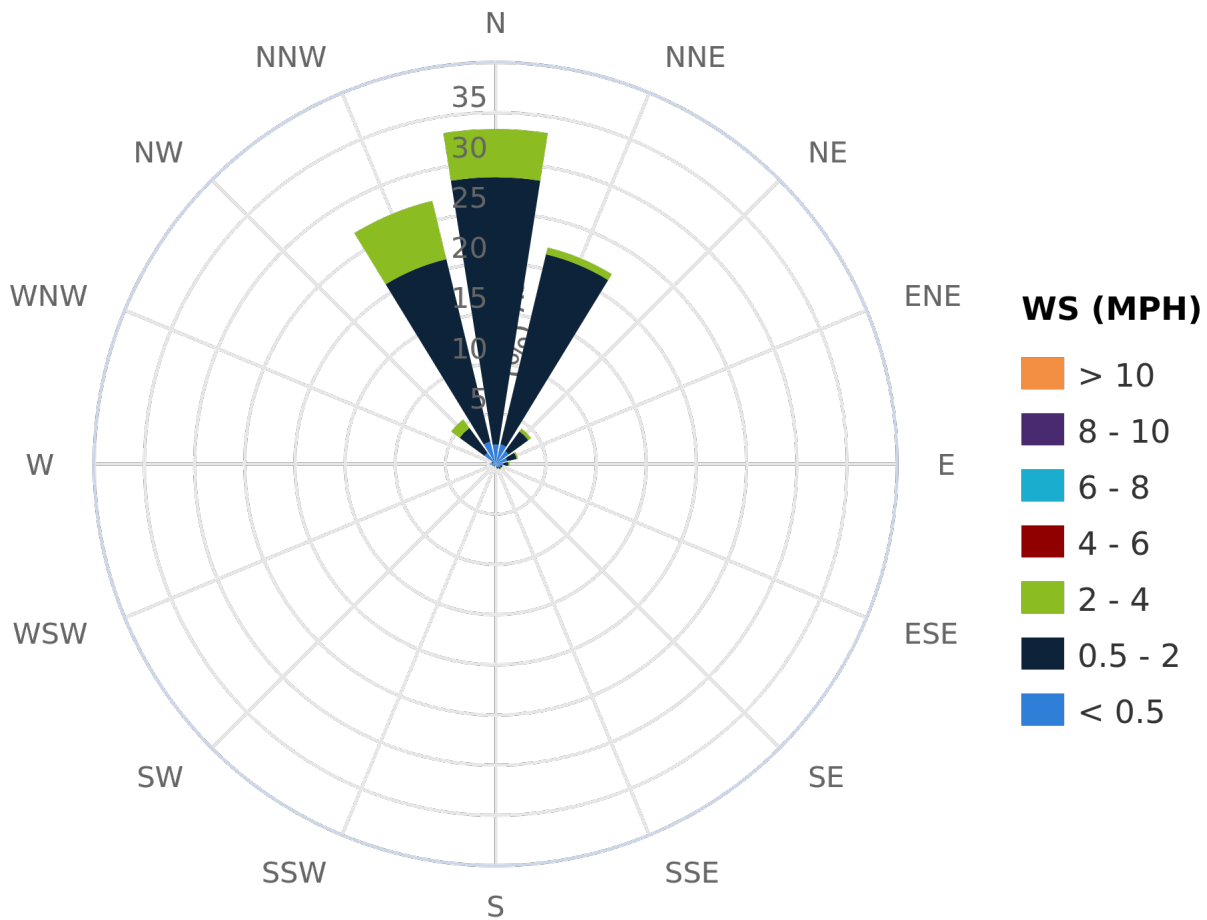


Figure 3 : Wind Rose Chart (WS in MPH)



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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	6.1	9.8	9.0	6.0	3.3	5.8	3.2	4.0	0.021	0.008	0.003	0.017
00:15:00	6.1	9.6	7.0	6.6	3.4	5.8	3.2	3.8	0.023	0.009	0.002	0.016
00:30:00	7.2	12.5	8.1	6.0	3.6	5.9	3.1	4.0	0.020	0.008	0.001	0.015
00:45:00	7.6	12.5	8.2	6.9	3.8	6.0	3.4	4.3	0.018	0.007	0.005	0.013
01:00:00	7.5	9.8	9.9	7.0	3.8	6.0	3.6	5.1	0.016	0.007	0.004	0.013
01:15:00	7.4	8.8	10.9	6.9	4.1	6.5	3.9	5.9	0.017	0.005	0.002	0.011
01:30:00	7.2	8.8	11.4	6.5	4.1	6.7	3.8	5.5	0.014	0.004	0.002	0.008
01:45:00	7.6	8.8	9.7	7.5	4.1	6.6	4.2	5.0	0.014	0.003	0.003	0.008
02:00:00	8.1	9.3	9.5	7.7	4.7	6.8	5.1	5.3	0.011	0.003	0.000	0.010
02:15:00	9.1	9.6	9.9	9.1	5.9	7.2	6.2	6.0	0.010	0.004	0.000	0.008
02:30:00	10.1	10.3	10.4	8.8	6.8	7.7	5.9	6.3	0.010	0.001	0.000	0.007
02:45:00	9.8	11.3	10.7	7.1	6.6	8.8	5.0	7.1	0.010	0.003	0.000	0.009
03:00:00	9.1	11.7	9.6	6.8	6.1	9.5	4.7	6.7	0.008	0.001	0.000	0.007
03:15:00	8.4	11.6	9.8	6.5	5.7	9.5	4.6	6.5	0.003	0.002	0.000	0.005
03:30:00	7.7	11.5	9.3	6.4	5.3	9.6	4.6	6.5	0.005	0.001	0.000	0.003
03:45:00	7.7	11.8	9.8	6.6	5.4	9.9	4.7	6.9	0.006	0.000	0.000	0.003
04:00:00	8.0	12.2	9.5	6.6	5.5	10.3	4.8	6.8	0.006	0.000	0.000	0.004
04:15:00	8.2	12.3	9.0	6.7	5.6	10.2	4.8	6.7	0.004	0.000	0.000	0.003
04:30:00	8.2	12.3	9.1	7.0	5.7	10.4	5.1	7.0	0.003	0.000	0.000	0.005
04:45:00	8.2	12.5	9.4	7.2	5.9	10.8	5.3	7.2	0.004	0.001	0.000	0.003
05:00:00	8.6	13.2	9.6	7.3	6.1	11.4	5.5	7.5	0.005	0.003	0.000	0.005
05:15:00	9.0	13.8	9.8	7.8	6.5	12.1	5.9	8.0	0.002	0.002	0.000	0.003
05:30:00	9.1	14.6	10.1	7.9	6.8	12.8	6.0	8.2	0.004	0.002	0.000	0.004
05:45:00	9.1	15.3	10.5	8.2	7.0	13.5	6.3	8.4	0.005	0.000	0.000	0.004
06:00:00	9.4	15.6	10.8	8.3	7.3	13.7	6.5	8.5	0.002	0.000	0.000	0.004
06:15:00	9.3	16.6	11.2	8.6	7.2	14.7	6.7	8.9	0.004	0.000	0.000	0.005
06:30:00	9.8	17.3	11.5	9.0	7.6	15.4	7.1	9.4	0.006	0.000	0.000	0.006
06:45:00	10.3	18.0	12.1	9.4	7.8	16.1	7.4	9.9	0.004	0.002	0.000	0.003
07:00:00	10.8	18.9	12.2	9.6	8.4	16.9	7.5	10.1	0.004	0.002	0.000	0.003
07:15:00	11.2	19.1	12.2	9.5	8.9	17.0	7.6	10.1	0.003	0.000	0.000	0.003
07:30:00	11.5	19.1	12.5	9.5	9.1	16.9	7.6	10.0	0.002	0.000	0.000	0.003
07:45:00	11.5	18.8		9.3	8.9	16.6	7.3		-0.001	0.000	0.000	
08:00:00	11.4	18.5		9.6	9.0	16.3	7.4		-0.003	0.000	0.000	
08:15:00	11.5	18.5		9.6	8.9	15.9	7.4		-0.005	0.000	0.000	
08:30:00	11.7	18.6		9.9	8.8	15.9	7.4		-0.006	0.000	0.000	
08:45:00	14.4	18.7		9.9	9.0	15.4	7.4		-0.006	0.000	0.000	
09:00:00	12.0	17.3	18.1	10.0	8.6	14.6	7.4	14.7	-0.005	0.000	0.000	0.130
09:15:00	12.1	16.6	16.1	9.9	8.7	14.1	7.3	13.2	-0.006	0.000	0.000	0.114
09:30:00	12.2	16.7		9.8	8.7	14.0	7.4		-0.004	0.000	0.000	
09:45:00	12.0	16.6	15.5	10.0	8.7	13.9	7.3	12.0	0.000	0.002	0.000	0.108
10:00:00	12.1	16.4	14.4	10.0	8.5	13.8	7.3	11.7	0.002	0.002	0.000	0.000
10:15:00	12.4	16.4	14.7	10.1	8.4	13.7	7.3	11.6	0.002	0.000	0.000	0.042
10:30:00	11.5	15.7	12.9	9.8	7.9	13.0	6.8	9.8	0.003	0.001	0.000	0.097
10:45:00	11.4	14.8	11.1	9.7	7.5	11.9	6.7	8.0	0.005	0.004	0.000	0.042
11:00:00	11.4	14.9	11.7	10.0	7.4	11.9	6.7	8.2	0.008	0.006	0.000	0.003
11:15:00	11.7	15.1	12.1	9.9	7.5	12.0	6.6	8.3	0.024	0.010	0.000	0.000
11:30:00	11.3	14.7	11.2	9.8	7.2	11.6	6.6	7.9	0.034	0.015	0.000	0.000
11:45:00	10.9	14.1	10.5	9.3	6.8	10.9	6.1	7.1	0.045	0.018	0.000	0.003



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12:00:00	9.8	12.8	9.8	9.2	5.8	9.5	5.6	6.2	0.050	0.022	0.000	0.018
12:15:00	10.2	12.6	9.9	9.3	6.1	9.5	5.7	6.2	0.055	0.023	0.000	0.029
12:30:00	10.8	13.0	9.8	9.8	6.2	9.7	6.0	6.3	0.055	0.027	0.000	0.038
12:45:00	11.1	13.3	10.1	9.5	6.6	10.0	6.1	6.5	0.050	0.027	0.000	0.042
13:00:00	10.8	13.6	9.9	10.0	6.6	10.5	6.4	6.6	0.050	0.028	0.000	0.038
13:15:00	11.7	14.2	10.0	10.1	6.8	11.1	6.5	6.7	0.049	0.030	0.000	0.035
13:30:00	10.9	14.3	10.5	10.5	7.0	11.3	6.9	7.0	0.044	0.029	0.000	0.033
13:45:00	11.3	15.2	10.6	10.3	7.3	12.0	6.9	7.0	0.043	0.026	0.000	0.029
14:00:00	11.1	15.4	10.5	10.8	7.4	12.3	7.2	7.3	0.034	0.023	0.000	0.031
14:15:00	11.5	16.3	10.9	10.7	7.5	13.1	7.3	7.4	0.033	0.020	0.000	0.027
14:30:00	11.2	15.8	10.6	10.7	7.3	12.7	7.2	7.4	0.031	0.020	0.000	0.028
14:45:00	11.6	16.0	10.6	10.7	7.3	12.7	7.1	7.3	0.029	0.021	0.000	0.029
15:00:00	11.1	15.8	10.9	10.7	7.3	12.6	7.1	7.4	0.029	0.020	0.000	0.033
15:15:00	11.9	15.7	11.6	11.4	7.6	12.5	7.4	7.8	0.021	0.015	0.000	0.035
15:30:00	12.3	16.3	11.7	11.2	7.6	12.8	7.5	8.1	0.020	0.014	0.000	0.036
15:45:00	12.2	16.7	11.8	11.8	8.0	13.1	7.8	8.2	0.022	0.015	0.000	0.034
16:00:00	12.3	16.5	11.4	11.5	7.8	12.9	7.6	8.0	0.026	0.013	0.000	0.032
16:15:00	12.3	16.2	11.9	11.2	7.8	12.6	7.6	8.3	0.027	0.013	0.000	0.025
16:30:00	12.0	16.5	11.4	11.1	7.7	12.9	7.4	8.0	0.031	0.011	0.000	0.021
16:45:00	12.8	15.3	11.1	10.7	7.3	11.7	7.0	7.5	0.031	0.011	0.000	0.019
17:00:00	11.1	15.0	10.8	10.5	7.1	11.4	6.8	7.4	0.032	0.008	0.000	0.017
17:15:00	10.7	14.5	10.9	9.7	6.8	11.1	6.4	7.2	0.026	0.006	0.000	0.014
17:30:00	10.8	14.3	11.0	9.5	6.6	10.9	6.3	7.2	0.020	0.003	0.000	0.011
17:45:00	9.8	14.7	11.0	9.7	6.5	11.0	6.4	7.3	0.013	0.002	0.000	0.008
18:00:00	10.6	14.1	11.3	11.0	7.1	10.4	7.3	7.5	0.010	0.000	0.000	0.004
18:15:00	10.6	11.6	10.5	9.8	6.5	7.7	6.6	6.9	0.003	0.000	0.002	0.003
18:30:00	10.9	10.1	9.4	8.8	6.0	6.4	5.8	6.1	-0.002	0.000	0.001	0.001
18:45:00	9.4	10.0	9.7	8.2	5.5	5.9	5.0	6.2	-0.005	0.000	0.000	0.000
19:00:00	8.3	9.7	8.2	7.7	4.9	5.7	4.4	4.7	-0.008	0.000	0.000	0.000
19:15:00	8.3	9.5	8.1	8.1	4.4	5.7	4.3	4.5	-0.013	0.000	0.000	0.000
19:30:00	8.8	9.3	8.0	8.0	4.5	5.5	4.2	4.6	-0.017	0.000	0.000	0.000
19:45:00	8.6	9.2	8.2	7.7	4.5	5.4	4.1	4.6	-0.018	0.000	0.000	0.000
20:00:00	9.0	9.5	8.9	8.2	4.7	5.6	4.3	5.0	-0.022	0.000	0.000	0.000
20:15:00	9.8	9.9	9.0	8.7	4.9	6.0	4.6	5.0	-0.022	0.000	0.000	0.000
20:30:00	9.5	10.0	9.3	9.0	5.0	6.0	4.7	5.2	-0.022	0.000	0.000	0.000
20:45:00	9.4	10.0	9.1	9.0	4.9	6.0	4.8	5.1	-0.024	0.000	0.000	0.000
21:00:00	9.6	10.1	9.2	8.4	5.0	6.2	4.6	5.1	-0.022	0.000	0.000	0.000
21:15:00	9.3	10.1	9.4	8.5	5.0	6.5	4.7	5.1	-0.021	0.000	0.000	0.000
21:30:00	9.4	9.9	8.6	7.8	5.0	6.5	4.4	5.1	-0.020	0.000	0.000	0.000
21:45:00	8.6	10.0	8.4	7.5	4.8	6.8	4.4	4.9	-0.018	0.000	0.000	0.000
22:00:00	8.4	9.7	8.4	7.4	4.9	6.7	4.4	5.0	-0.016	0.000	0.000	0.000
22:15:00	8.3	9.7	8.5	7.3	4.9	6.7	4.3	5.1	-0.017	0.000	0.000	0.000
22:30:00	7.8	9.7	7.8	7.0	4.8	6.9	4.2	5.0	-0.019	0.000	0.000	0.000
22:45:00	7.8	9.5	7.7	7.1	4.8	6.8	4.4	5.0	-0.017	0.000	0.000	0.000
23:00:00	8.0	8.9	7.8	6.7	4.9	6.4	4.0	5.2	-0.015	0.000	0.000	0.000
23:15:00	7.2	8.7	7.0	6.5	4.2	6.3	3.9	4.7	-0.016	0.000	0.000	0.000
23:30:00	6.7	8.1	6.5	5.8	4.1	5.9	3.7	4.3	-0.016	0.000	0.000	0.000
23:45:00	6.4	7.6	6.5	5.6	3.9	5.5	3.5	4.3	-0.017	0.000	0.000	0.000



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