



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-01

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1120 Max : 17.49	2943 E	2995 N	2996 SSW	2997 N	Min : 71.24 Max : 90.50	Min : 58.60 Max : 90.60	Min : 29.91 Max : 30.06

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	19.3	32.8	8.2	10.5	0.003	0.054
2995	18.0	23.1	8.1	11.7	0.009	0.034
2996	18.3	23.1	8.3	10.8	0.000	0.002
2997	16.2	23.3	7.5	10.0	0.005	0.026

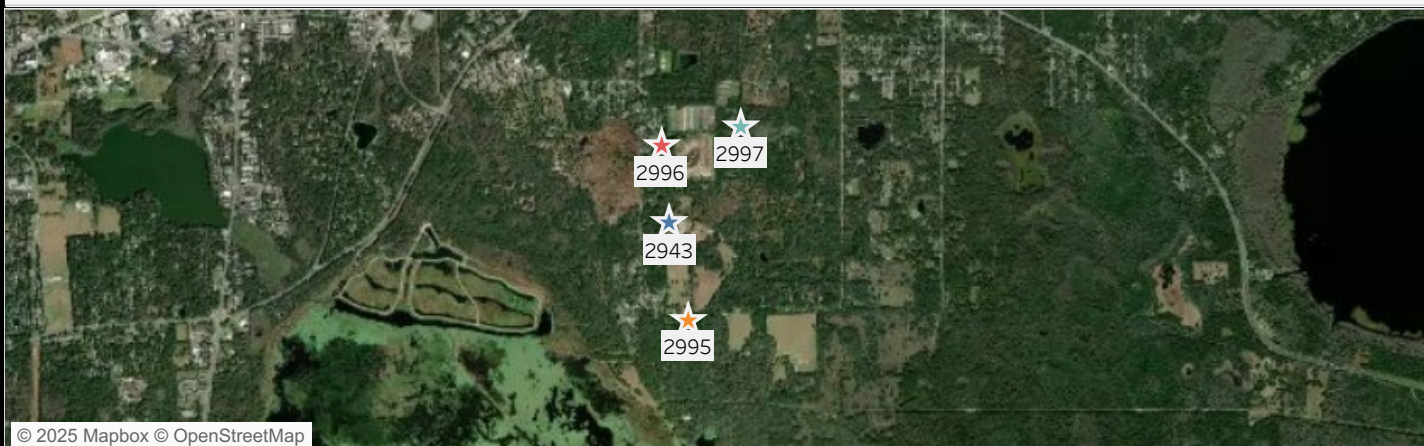


Figure 1 : Monitoring Locations

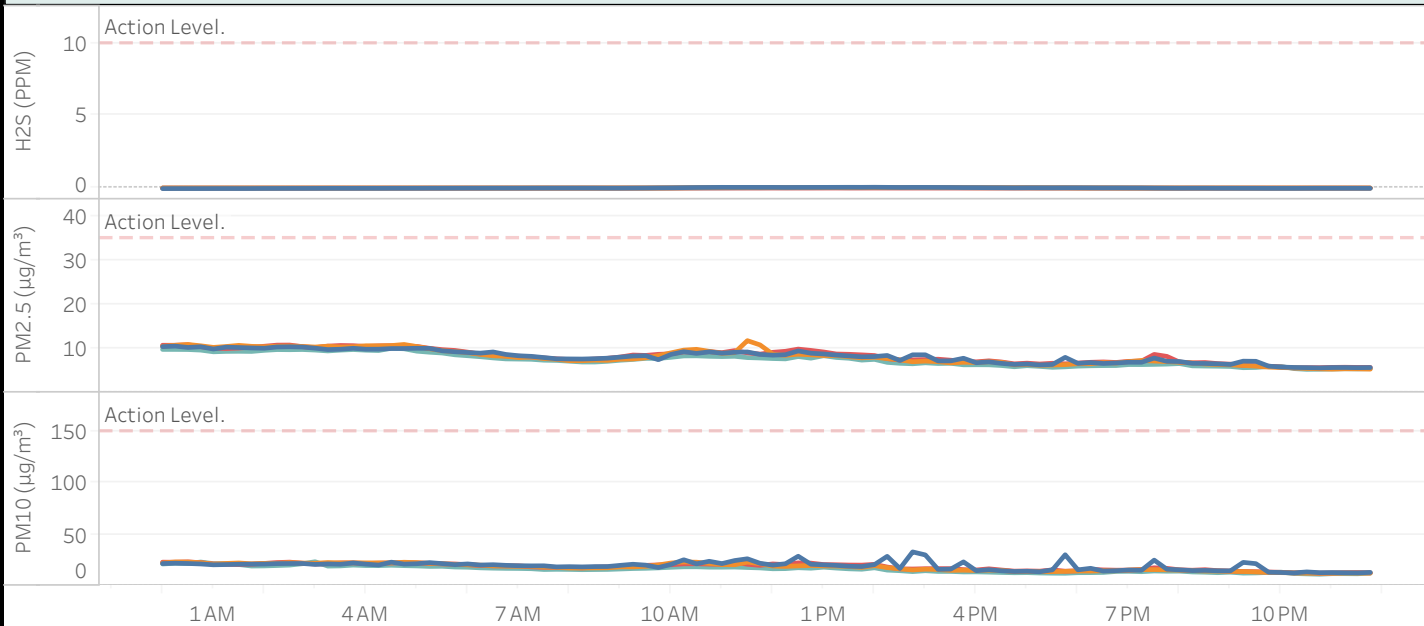


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

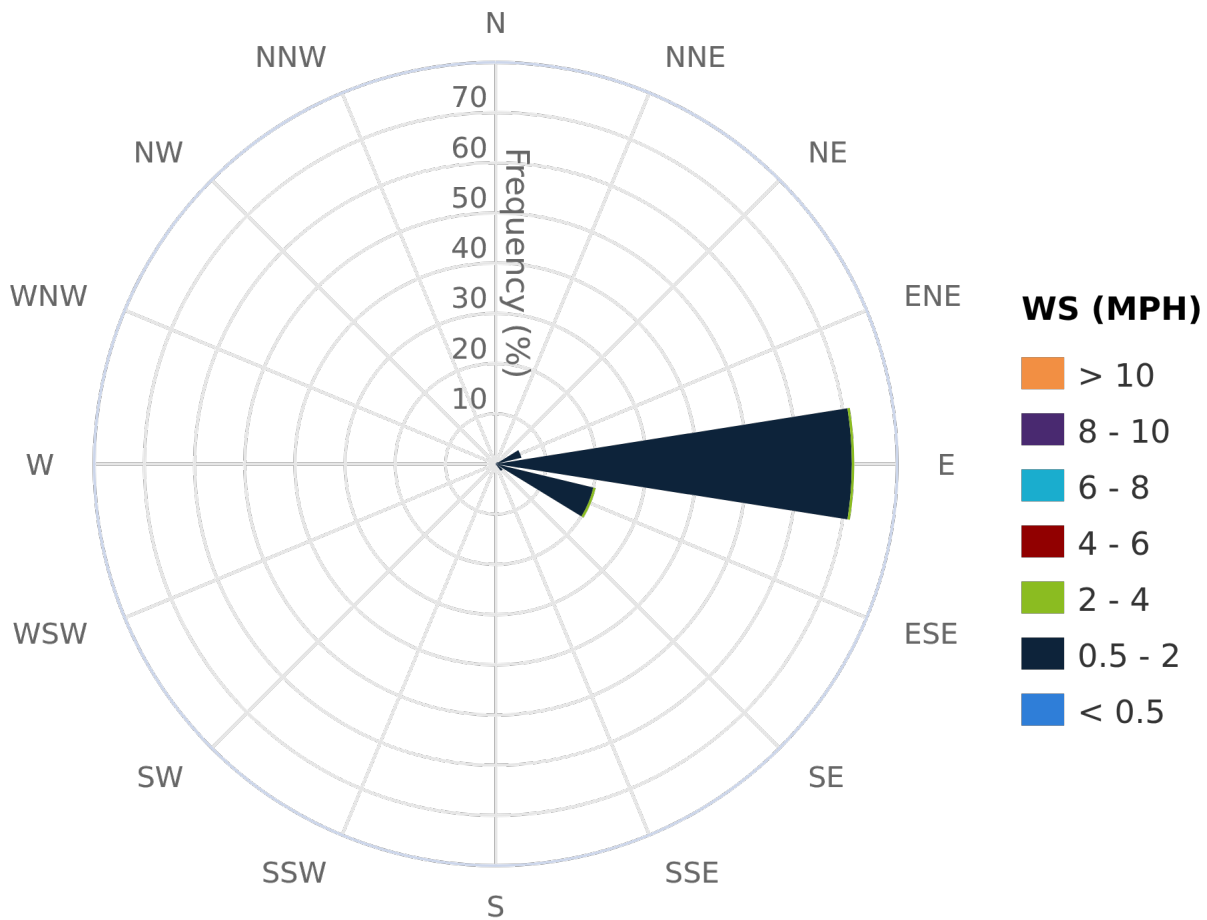


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

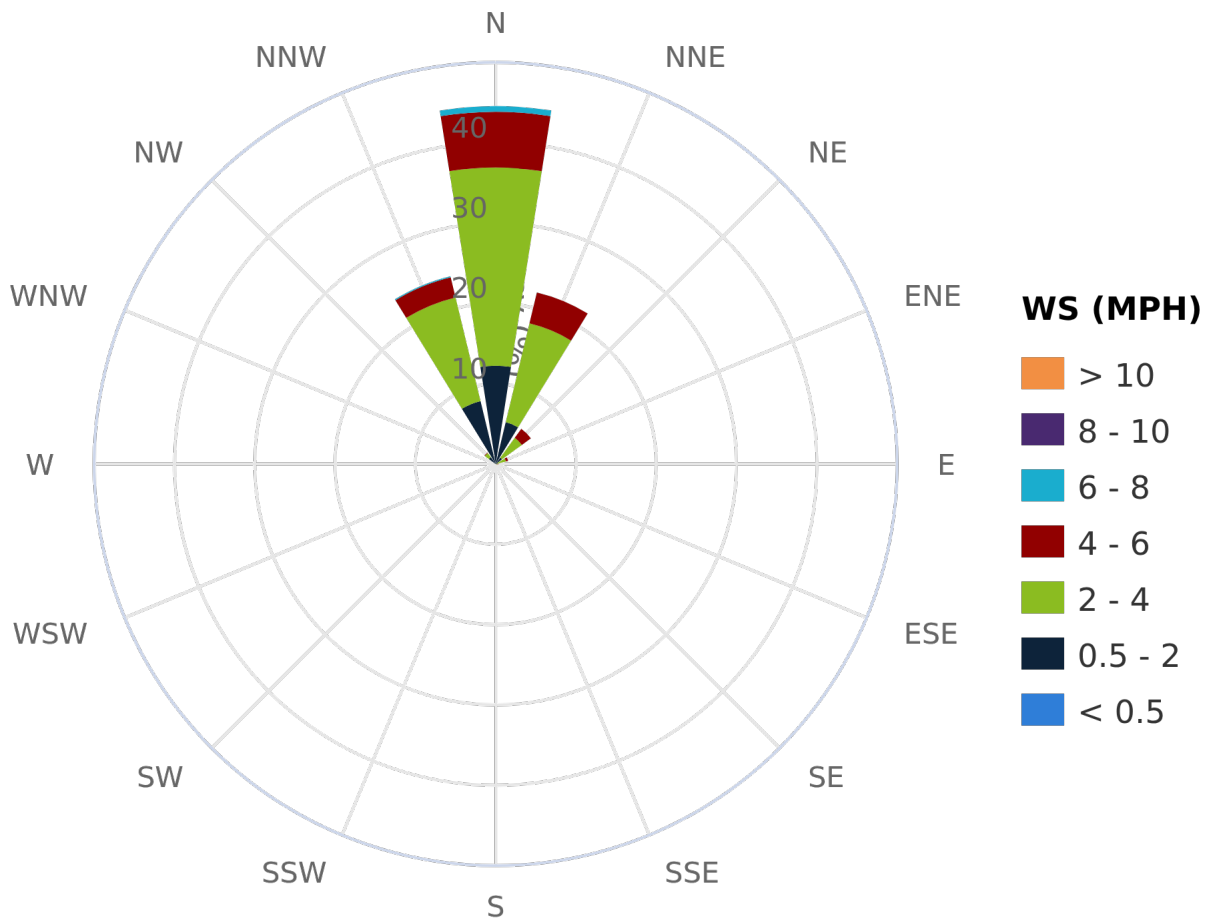


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-09-01

Wind Rose Chart 2996

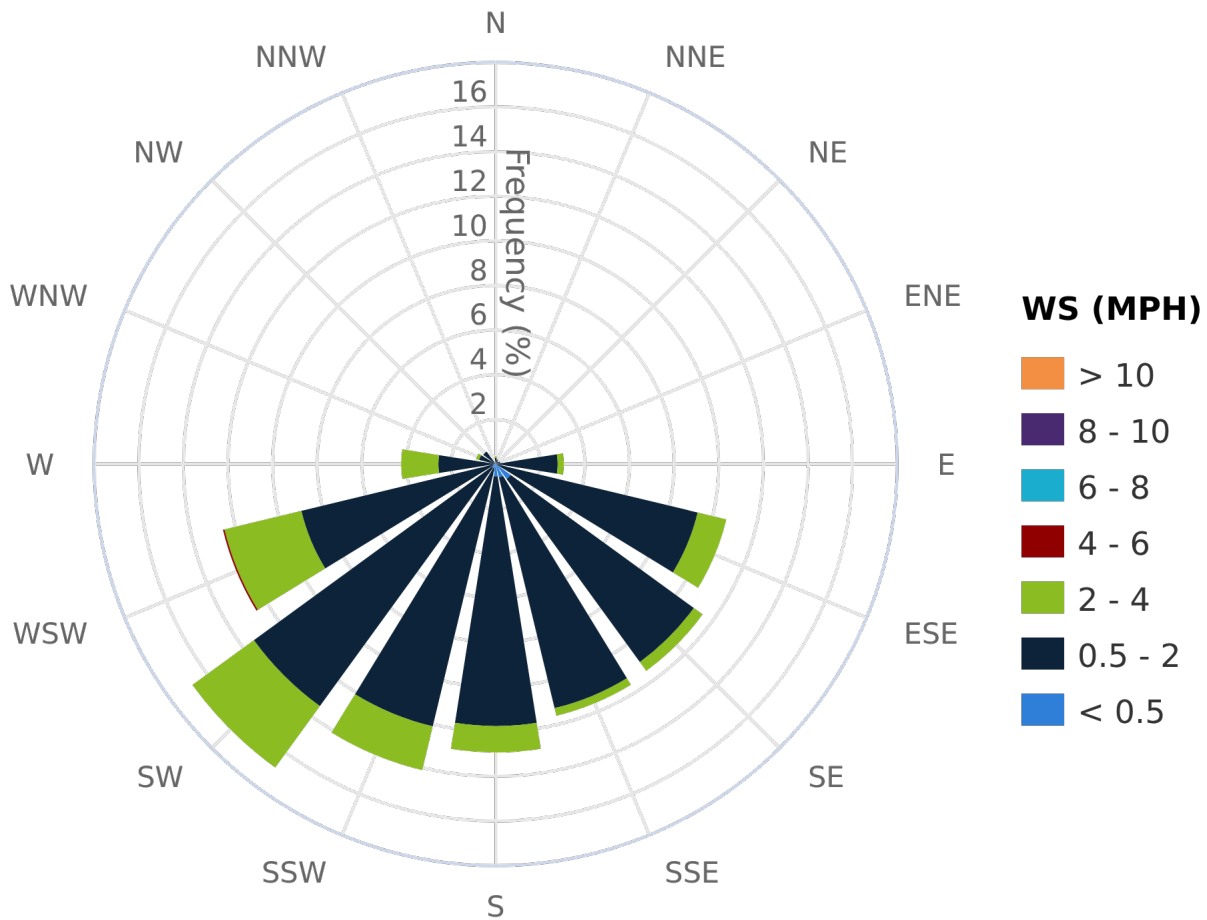


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-09-01

Wind Rose Chart 2997

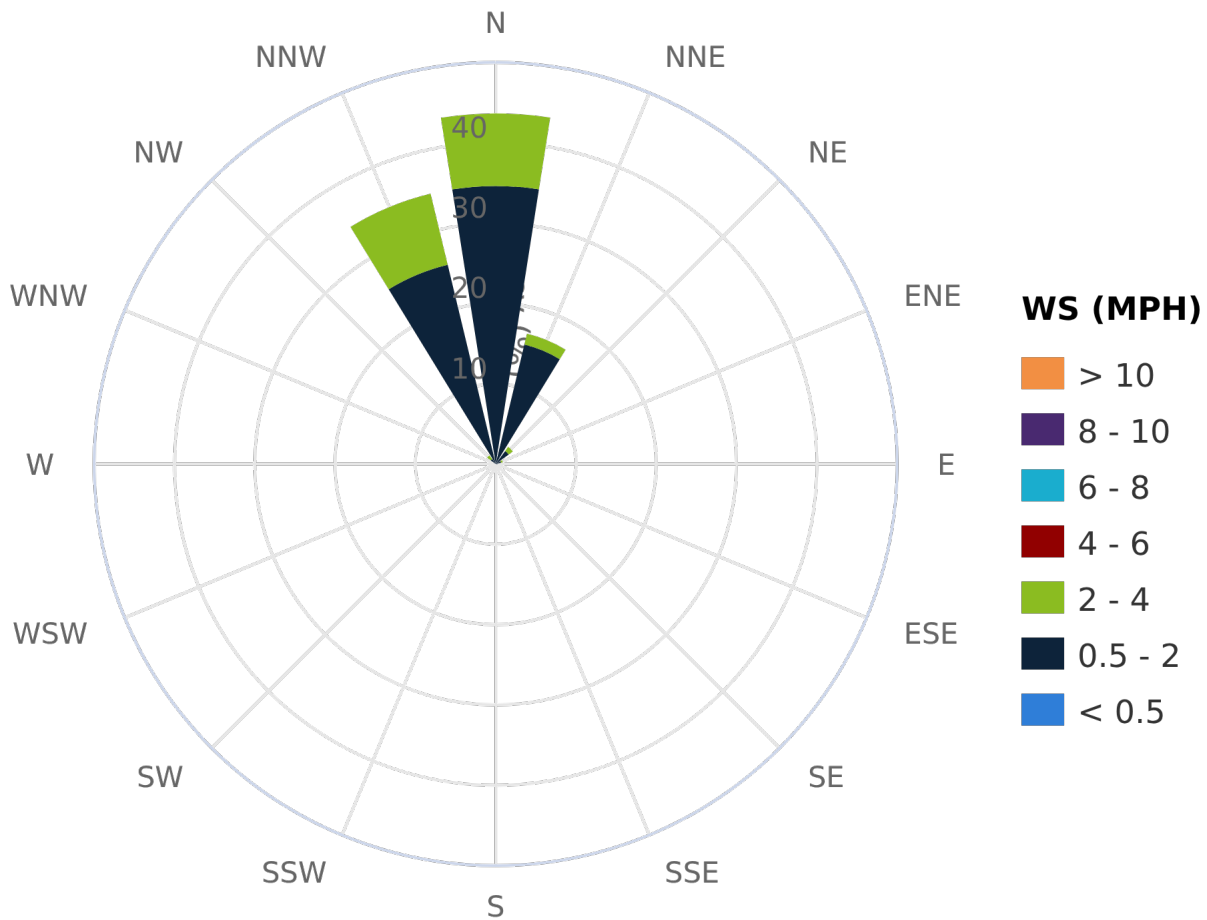


Figure 3 : Wind Rose Chart (WS in MPH)



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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	21.5	22.1	21.1	22.9	10.4	10.5	10.7	9.8	-0.038	0.000	0.000	0.000
00:15:00	21.8	23.1	21.8	22.8	10.5	10.7	10.7	9.8	-0.036	0.000	0.000	0.000
00:30:00	21.6	23.0	21.5	23.1	10.2	10.9	10.8	9.7	-0.036	0.000	0.000	0.000
00:45:00	21.1	22.3	23.0	22.3	10.4	10.6	10.4	9.6	-0.035	0.000	0.000	0.000
01:00:00	20.3	21.0	21.4	21.1	9.9	10.2	10.0	9.2	-0.034	0.000	0.000	0.000
01:15:00	20.6	21.6	21.4	20.8	10.3	10.4	10.0	9.3	-0.033	0.000	0.000	0.000
01:30:00	20.8	22.1	20.6	20.7	10.2	10.7	10.1	9.3	-0.034	0.000	0.000	0.000
01:45:00	20.9	21.3	19.1	20.9	10.1	10.5	10.3	9.3	-0.032	0.000	0.000	0.000
02:00:00	21.0	21.7	19.2	21.6	10.0	10.4	10.5	9.6	-0.028	0.000	0.000	0.000
02:15:00	21.5	21.8	19.6	22.5	10.3	10.5	10.7	9.7	-0.027	0.000	0.000	0.000
02:30:00	21.6	22.5	20.0	22.9	10.4	10.5	10.8	9.7	-0.025	0.000	0.000	0.000
02:45:00	21.6	22.0	21.3	21.9	10.3	10.4	10.4	9.7	-0.025	0.000	0.000	0.000
03:00:00	20.7	21.8	23.3	21.1	10.0	10.3	10.2	9.6	-0.024	0.000	0.000	0.000
03:15:00	21.1	22.5	19.0	21.3	9.7	10.5	10.5	9.4	-0.021	0.000	0.000	0.000
03:30:00	20.8	22.2	19.2	22.1	9.8	10.3	10.7	9.6	-0.021	0.000	0.000	0.000
03:45:00	22.1	22.3	20.0	22.2	10.0	10.4	10.6	9.7	-0.022	0.000	0.000	0.000
04:00:00	21.0	22.2	19.6	21.5	9.8	10.6	10.4	9.6	-0.021	0.000	0.000	0.000
04:15:00	20.1	22.2	19.5	21.9	9.8	10.6	10.6	9.5	-0.021	0.000	0.000	0.000
04:30:00	22.9	22.2	19.9	22.1	10.0	10.6	10.6	10.0	-0.019	0.000	0.000	0.000
04:45:00	21.0	22.8	19.5	22.2	10.0	10.9	10.6	9.9	-0.018	0.000	0.000	0.000
05:00:00	21.3	22.4	19.2	22.1	10.0	10.4	10.4	9.4	-0.017	0.000	0.000	0.000
05:15:00	22.4	21.7	18.7	21.6	10.0	9.9	10.0	9.1	-0.014	0.000	0.000	0.000
05:30:00	21.5	21.3	18.9	21.2	9.5	9.5	9.7	9.0	-0.014	0.000	0.000	0.000
05:45:00	20.4	20.7	18.2	21.1	9.2	9.3	9.5	8.5	-0.012	0.000	0.000	0.000
06:00:00	21.1	20.3	17.9	20.5	9.1	9.1	9.2	8.3	-0.010	0.000	0.000	0.000
06:15:00	20.1	20.0	17.4	19.6	8.9	8.7	8.7	8.1	-0.010	0.000	0.000	0.000
06:30:00	20.4	19.3	17.0	19.3	9.2	8.3	8.5	7.8	-0.008	0.000	0.000	0.000
06:45:00	19.8	19.1	16.8	19.3	8.6	8.2	8.3	7.6	-0.009	0.000	0.000	0.001
07:00:00	19.4	18.9	16.8	19.3	8.3	7.9	8.2	7.6	-0.007	0.001	0.000	0.000
07:15:00	19.3	18.8	16.5	18.3	8.2	8.0	8.1	7.5	-0.005	0.001	0.000	0.001
07:30:00	19.3	18.1	15.7	17.9	7.9	7.7	7.8	7.3	-0.005	0.002	0.000	0.001
07:45:00	18.3	17.8	15.9	17.8	7.6	7.5	7.6	7.3	-0.004	0.000	0.000	0.001
08:00:00	18.5	17.2	15.8	17.7	7.6	7.2	7.5	7.1	-0.004	0.000	0.000	0.001
08:15:00	18.3	17.2	15.6	17.3	7.6	7.2	7.4	6.9	-0.004	0.001	0.000	0.000
08:30:00	18.6	17.3	15.7	18.0	7.7	7.3	7.6	6.9	-0.005	0.000	0.000	0.000
08:45:00	18.6	17.4	15.8	18.3	7.8	7.3	7.8	7.1	-0.008	0.002	0.000	0.000
09:00:00	19.8	18.3	16.2	18.9	8.0	7.5	8.0	7.3	-0.008	0.002	0.000	0.000
09:15:00	20.8	18.3	16.7	19.7	8.3	7.6	8.5	7.5	-0.004	0.002	0.000	0.000
09:30:00	20.0	18.8	16.9	19.8	8.4	7.9	8.4	7.7	0.001	0.002	0.000	0.000
09:45:00	17.7	20.2	17.3	20.2	7.4	8.4	8.7	7.7	0.010	0.006	0.000	0.000
10:00:00	20.7	22.1	17.9	20.3	8.6	9.0	8.8	8.0	0.016	0.010	0.000	0.000
10:15:00	25.2	23.0	18.4	21.2	9.2	9.6	9.2	8.3	0.027	0.018	0.000	0.000
10:30:00	21.2	22.8	18.4	21.3	8.9	9.8	9.1	8.3	0.037	0.024	0.000	0.001
10:45:00	23.7	21.6	18.0	21.0	9.2	9.3	9.3	8.2	0.042	0.030	0.000	0.004
11:00:00	21.5	20.5	18.0	20.7	8.9	8.9	9.0	8.2	0.048	0.031	0.000	0.007
11:15:00	24.4	20.3	18.1	23.0	9.1	9.0	9.5	8.2	0.045	0.028	0.000	0.013
11:30:00	26.1	22.9	17.7	20.8	9.2	11.7	9.0	7.9	0.046	0.029	0.000	0.015
11:45:00	21.8	21.4	17.3	19.8	8.6	10.8	8.7	7.8	0.045	0.029	0.000	0.015



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12:00:00	20.0	19.1	16.5	21.1	8.5	8.7	9.1	7.7	0.045	0.032	0.001	0.020
12:15:00	21.3	18.7	16.6	20.5	8.6	8.4	9.3	7.6	0.040	0.030	0.001	0.016
12:30:00	28.6	19.3	17.5	22.2	9.4	8.7	9.8	8.2	0.043	0.030	0.001	0.019
12:45:00	20.8	19.6	17.0	21.9	8.9	8.5	9.5	7.8	0.045	0.031	0.000	0.020
13:00:00	20.3	19.3	18.0	20.5	8.7	8.4	9.2	8.3	0.047	0.031	0.001	0.023
13:15:00	19.7	19.1	17.1	20.4	8.5	8.4	8.7	7.9	0.049	0.031	0.002	0.025
13:30:00	18.9	18.7	16.4	20.1	8.3	8.1	8.7	7.8	0.051	0.030	0.001	0.017
13:45:00	18.6	17.8	16.0	20.0	8.1	7.9	8.5	7.3	0.049	0.033	0.000	0.022
14:00:00	20.5	19.6	17.4	20.7	8.2	8.0	8.4	7.5	0.054	0.030	0.000	0.026
14:15:00	28.5	17.6	15.2	18.1	8.4	7.7	7.7	6.8	0.047	0.032	0.000	0.023
14:30:00	16.7	16.4	14.6	16.4	7.3	7.4	7.4	6.6	0.042	0.033	0.000	0.022
14:45:00	32.8	15.3	13.7	16.2	8.5	7.0	7.4	6.5	0.045	0.033	0.000	0.020
15:00:00	29.9	16.1	14.6	16.5	8.5	7.1	7.5	6.7	0.045	0.029	0.000	0.021
15:15:00	15.9	15.7	13.9	16.6	7.2	7.0	7.6	6.6	0.042	0.032	0.000	0.019
15:30:00	16.2	14.9	13.9	16.6	7.2	6.7	7.3	6.6	0.039	0.034	0.000	0.020
15:45:00	23.1	15.1	13.4	15.6	7.8	6.9	7.0	6.3	0.032	0.026	0.000	0.018
16:00:00	14.6	14.9	13.5	15.3	6.8	6.8	7.0	6.3	0.030	0.021	0.000	0.016
16:15:00	15.5	15.1	13.2	16.4	6.9	7.0	7.2	6.3	0.025	0.021	0.000	0.015
16:30:00	14.5	14.9	12.9	15.2	6.6	6.8	6.9	6.1	0.021	0.022	0.000	0.013
16:45:00	13.8	13.7	12.6	14.2	6.4	6.3	6.5	5.9	0.015	0.021	0.000	0.013
17:00:00	14.1	13.9	12.7	14.4	6.5	6.4	6.7	6.1	0.019	0.019	0.000	0.012
17:15:00	13.6	13.6	12.4	14.2	6.3	6.2	6.5	5.9	0.019	0.016	0.000	0.010
17:30:00	15.4	13.7	12.2	15.4	6.4	6.2	6.6	5.7	0.017	0.015	0.000	0.009
17:45:00	30.0	14.0	12.1	14.1	8.0	6.3	6.5	5.8	0.019	0.013	0.000	0.008
18:00:00	15.4	14.3	12.7	14.5	6.6	6.5	6.7	6.0	0.017	0.007	0.000	0.009
18:15:00	16.9	14.2	12.7	16.0	6.8	6.5	6.9	6.1	0.014	0.005	0.000	0.005
18:30:00	14.3	14.6	12.9	15.4	6.6	6.8	6.9	6.1	0.009	0.007	0.000	0.004
18:45:00	14.6	14.5	13.9	15.1	6.7	6.7	6.8	6.1	0.010	0.003	0.000	0.005
19:00:00	15.2	15.2	14.0	15.2	6.9	7.0	7.1	6.3	0.006	0.002	0.000	0.004
19:15:00	15.0	15.6	13.6	15.8	6.9	7.3	7.1	6.3	0.004	0.001	0.000	0.003
19:30:00	24.8	15.7	14.3	17.4	7.8	7.1	8.6	6.4	-0.004	0.000	0.000	0.001
19:45:00	16.0	15.4	14.1	16.9	7.1	7.0	8.2	6.4	-0.009	0.000	0.000	0.000
20:00:00	15.4	15.1	14.2	15.4	7.0	6.9	6.9	6.6	-0.013	0.000	0.000	0.000
20:15:00	14.7	14.7	13.4	15.1	6.6	6.7	6.7	6.1	-0.012	0.000	0.000	0.001
20:30:00	14.9	14.3	13.1	15.6	6.6	6.5	6.8	6.0	-0.012	0.000	0.000	0.001
20:45:00	14.5	14.3	12.7	14.6	6.5	6.4	6.6	6.0	-0.016	0.000	0.000	0.000
21:00:00	14.5	14.0	13.1	14.2	6.4	6.3	6.4	5.9	-0.016	0.000	0.000	0.000
21:15:00	22.7	13.8	12.3	13.8	7.1	6.1	6.2	5.6	-0.018	0.000	0.000	0.000
21:30:00	21.4	13.4	12.4	13.7	7.1	6.0	6.1	5.7	-0.019	0.000	0.000	0.000
21:45:00	13.1	12.9	12.9	13.4	6.0	5.8	6.0	5.9	-0.022	0.000	0.000	0.000
22:00:00	12.8	12.7	13.2	13.0	5.8	5.7	5.8	5.9	-0.023	0.000	0.000	0.000
22:15:00	12.5	12.5	11.9	12.5	5.7	5.6	5.6	5.4	-0.023	0.000	0.000	0.000
22:30:00	13.4	12.1	11.5	12.8	5.7	5.5	5.6	5.3	-0.020	0.000	0.000	0.000
22:45:00	12.7	12.1	11.2	12.2	5.6	5.4	5.6	5.3	-0.018	0.000	0.000	0.000
23:00:00	12.8	12.1	11.7	12.4	5.7	5.3	5.7	5.3	-0.018	0.000	0.000	0.000
23:15:00	12.6	12.3	11.7	12.7	5.7	5.4	5.7	5.4	-0.019	0.000	0.000	0.000
23:30:00	12.5	12.2	11.6	12.8	5.6	5.4	5.7	5.4	-0.019	0.000	0.000	0.000
23:45:00	12.9	12.2	12.3	12.5	5.7	5.3	5.7	5.4	-0.021	0.000	0.000	0.000



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