



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-13

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 20.71	2943 SE	2995 SE	2996 NE	2997 W	Min : 75.02 Max : 98.24	Min : 58.20 Max : 94.70	Min : 29.93 Max : 30.11

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	18.1	46.9	4.1	6.1	-0.001	0.105
2995	16.6	35.0	3.4	5.2	0.011	0.086
2996	14.4	32.4	4.0	6.6	0.006	0.066
2997	28.2	71.7	4.8	8.0	0.006	0.051

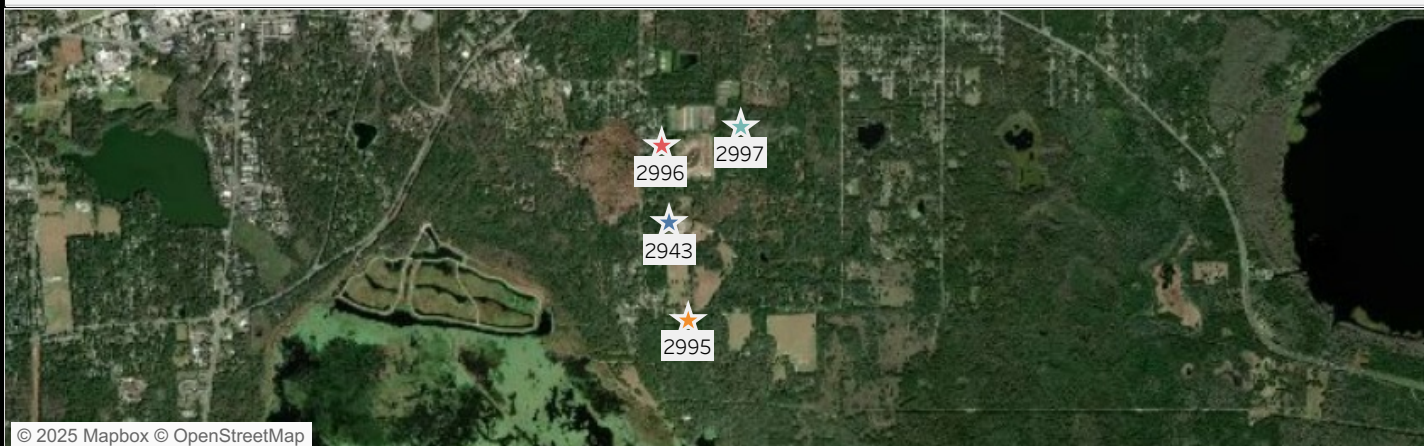


Figure 1 : Monitoring Locations

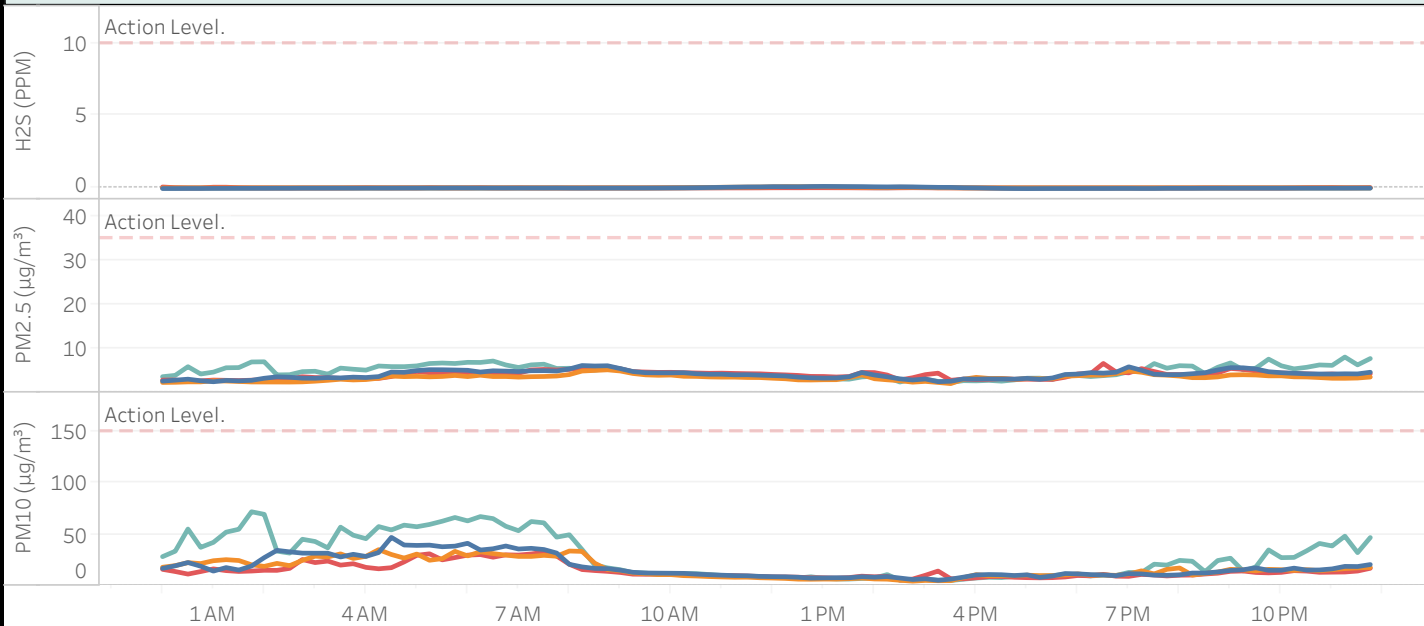


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

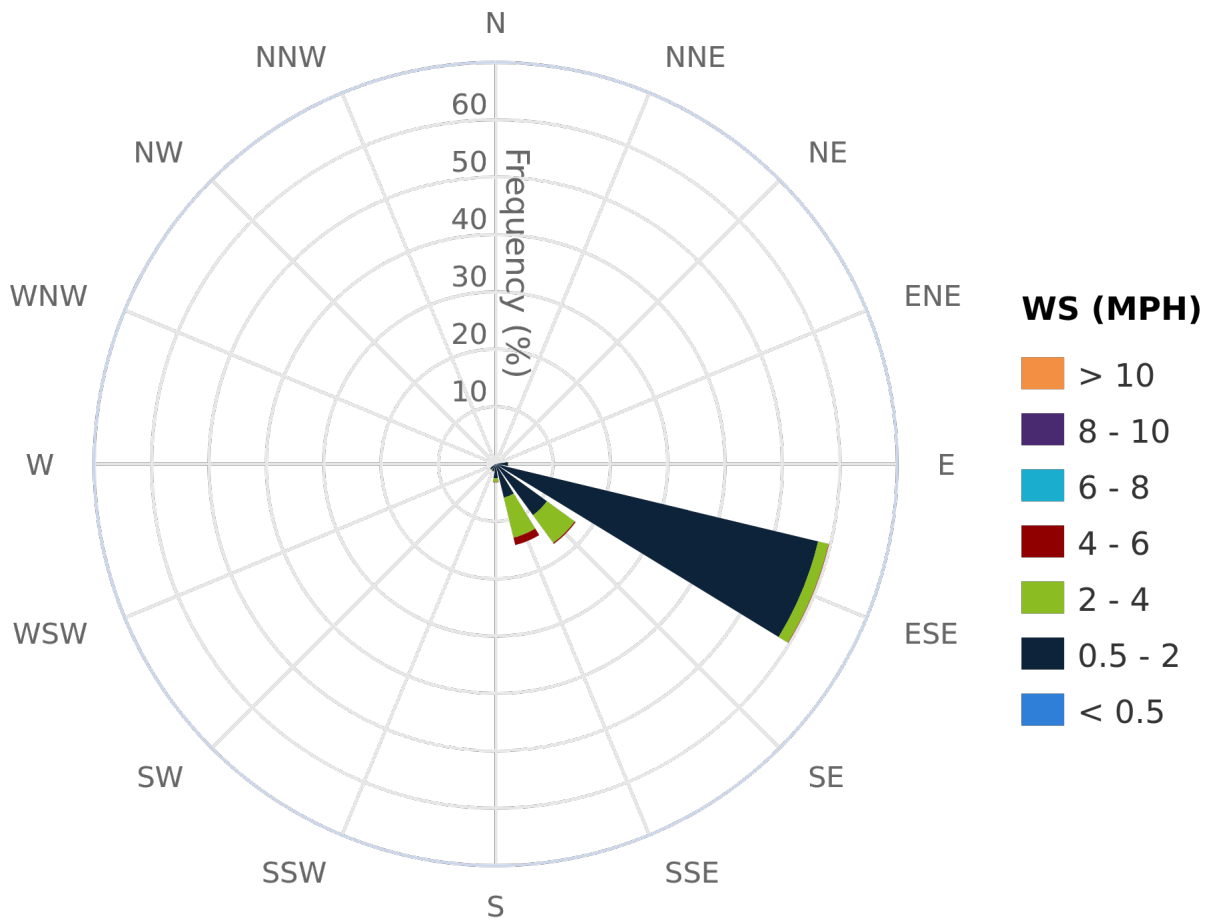


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

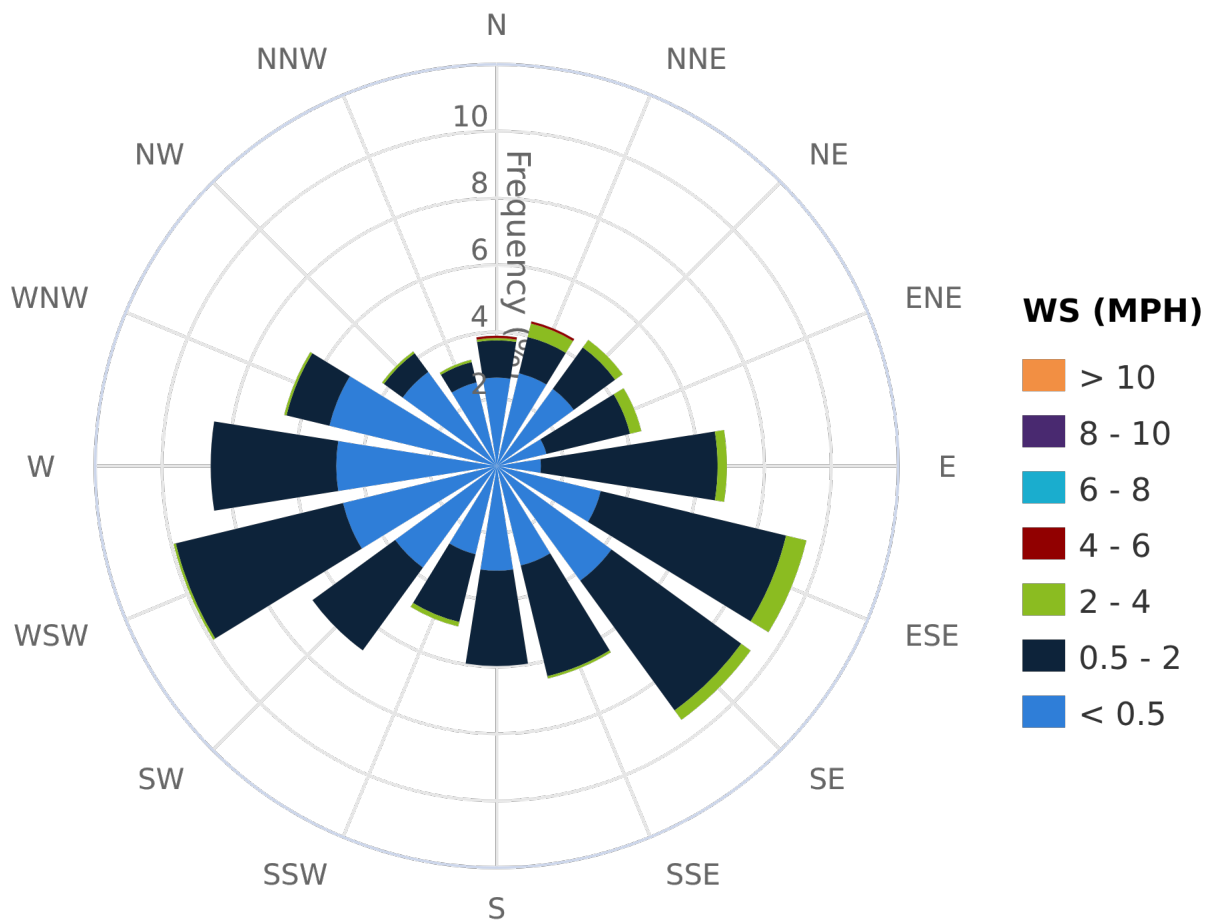


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

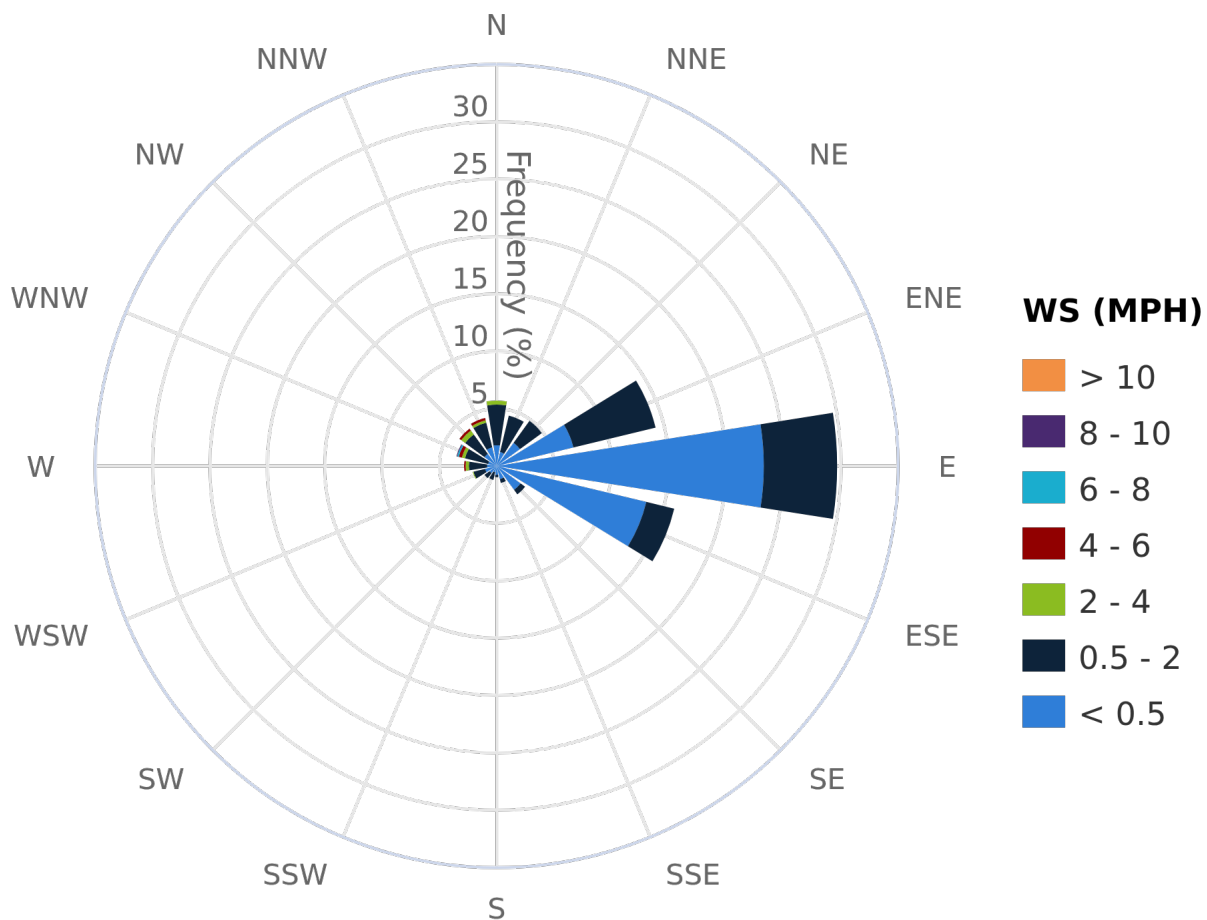


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

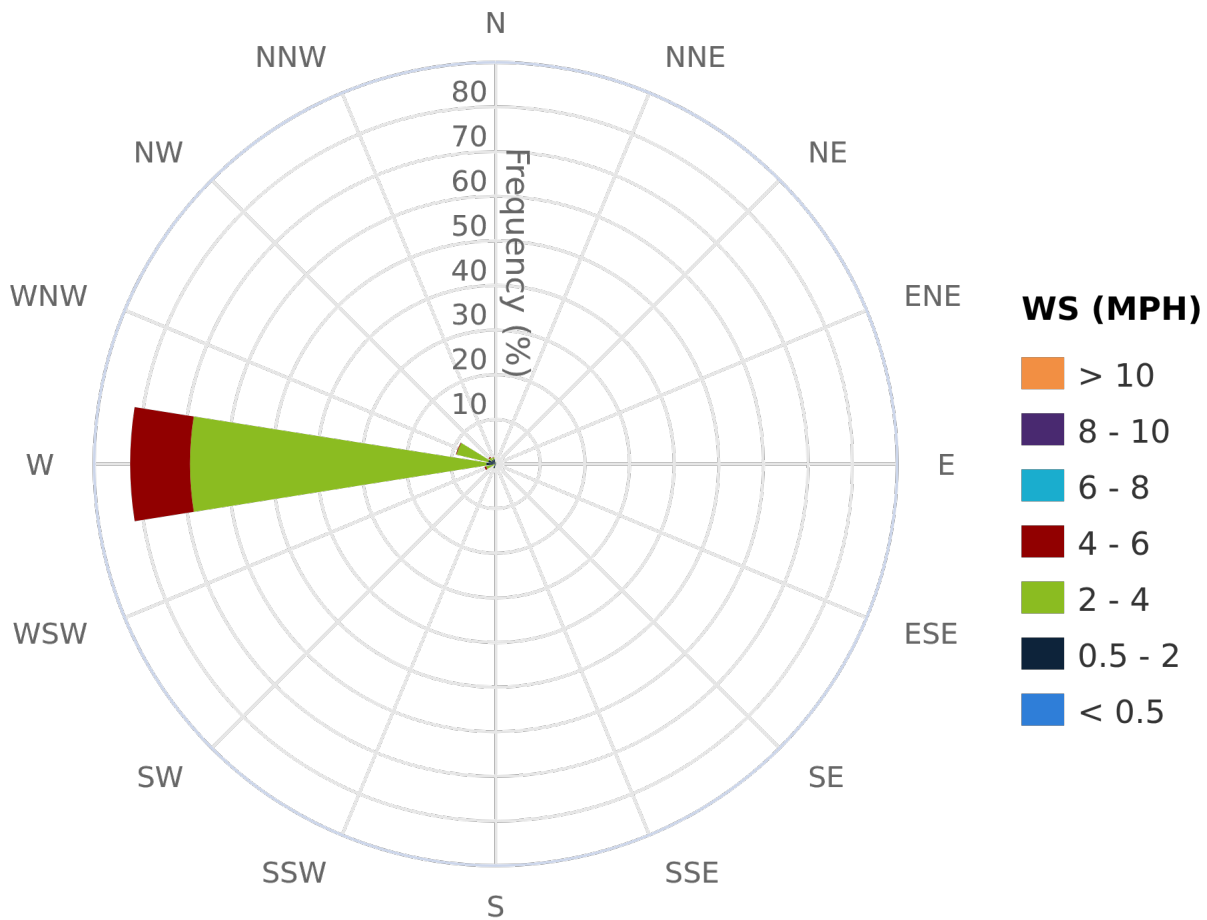


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 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	16.8	17.9	28.2	15.9	2.6	2.3	2.8	3.6	-0.042	0.000	0.066	0.000
00:15:00	19.3	19.5	33.5	13.8	2.8	2.3	2.9	3.9	-0.042	0.000	0.017	0.000
00:30:00	22.5	22.4	54.9	11.3	3.0	2.4	2.6	5.9	-0.038	0.000	0.002	0.000
00:45:00	18.9	21.5	37.2	13.8	2.7	2.4	2.7	4.2	-0.038	0.000	0.000	0.000
01:00:00	14.2	24.3	42.0	16.4	2.5	2.7	2.8	4.6	-0.034	0.000	0.050	0.000
01:15:00	17.6	25.3	51.9	14.7	2.8	2.6	2.8	5.6	-0.032	0.000	0.049	0.000
01:30:00	15.2	24.5	54.7	13.8	2.7	2.5	2.7	5.7	-0.030	0.000	0.017	0.000
01:45:00	19.1	20.3	71.7	14.3	2.8	2.4	2.8	6.9	-0.028	0.000	0.004	0.000
02:00:00	27.2	18.8	69.2	15.0	3.3	2.4	2.9	7.0	-0.027	0.000	0.002	0.000
02:15:00	34.3	21.7	33.5	14.9	3.6	2.4	2.8	4.0	-0.024	0.000	0.000	0.000
02:30:00	32.8	19.5	31.6	16.8	3.5	2.4	3.1	4.1	-0.024	0.000	0.000	0.000
02:45:00	31.6	24.6	45.0	25.4	3.3	2.4	3.6	4.7	-0.019	0.000	0.000	0.000
03:00:00	31.5	28.7	42.9	22.5	3.3	2.6	3.4	4.8	-0.019	0.000	0.000	0.000
03:15:00	31.5	27.9	36.7	23.9	3.4	2.8	3.3	4.2	-0.018	0.000	0.000	0.000
03:30:00	27.9	30.9	56.8	20.0	3.3	3.0	3.2	5.5	-0.016	0.000	0.000	0.000
03:45:00	30.5	26.5	49.0	21.4	3.5	2.9	3.3	5.3	-0.018	0.000	0.007	0.000
04:00:00	28.4	28.5	45.6	17.8	3.4	3.0	3.2	5.1	-0.016	0.000	0.015	0.000
04:15:00	32.2	35.0	57.3	16.4	3.6	3.3	3.2	6.0	-0.015	0.000	0.007	0.000
04:30:00	46.9	30.3	54.1	17.5	4.7	3.7	3.6	5.9	-0.014	0.000	0.003	0.000
04:45:00	39.5	26.8	58.7	23.1	4.6	3.6	4.3	5.9	-0.012	0.000	0.006	0.000
05:00:00	39.1	30.7	57.2	29.5	5.0	3.7	4.8	6.0	-0.010	0.000	0.003	0.000
05:15:00	39.4	24.7	59.4	31.0	5.2	3.6	4.5	6.6	-0.010	0.000	0.017	0.000
05:30:00	37.8	26.3	62.5	25.1	5.2	3.7	4.3	6.7	-0.008	0.000	0.007	0.000
05:45:00	38.4	33.3	66.1	27.3	5.1	3.9	4.3	6.6	-0.004	0.000	0.002	0.000
06:00:00	41.1	28.9	62.8	29.7	5.0	3.6	4.2	6.8	-0.007	0.000	0.005	0.000
06:15:00	34.6	32.9	67.0	30.2	4.7	3.9	4.5	6.8	-0.008	0.000	0.015	0.000
06:30:00	35.9	31.1	65.0	27.7	4.9	3.6	4.2	7.1	-0.008	0.000	0.002	0.000
06:45:00	38.5	29.7	57.6	30.0	4.9	3.6	4.3	6.3	-0.009	0.000	0.001	0.000
07:00:00	35.6	28.4	53.3	29.7	4.8	3.5	4.4	5.7	-0.009	0.000	0.008	0.000
07:15:00	36.3	28.4	62.2	30.8	5.0	3.6	5.1	6.3	-0.008	0.000	0.000	0.000
07:30:00	35.1	29.5	60.9	32.4	5.0	3.7	5.2	6.4	-0.009	0.000	0.000	0.000
07:45:00	31.7	28.6	47.1	28.8	4.9	3.8	5.1	5.5	-0.007	0.000	0.000	0.000
08:00:00	20.8	33.7	49.4	20.8	5.4	4.1	5.2	5.5	-0.012	0.000	0.000	0.000
08:15:00	18.3	33.3	35.1	15.7	6.1	4.9	5.6	5.2	-0.014	0.000	0.000	0.000
08:30:00	16.8	21.8	20.1	14.7	6.0	5.0	5.9	5.1	-0.010	0.000	0.000	0.000
08:45:00	16.6	15.7	17.3	14.0	6.1	5.2	5.9	5.4	-0.011	0.000	0.000	0.000
09:00:00	15.1	14.7	15.6	12.9	5.4	4.9	5.4	5.4	-0.010	0.000	0.000	0.000
09:15:00	13.0	12.4	12.6	11.2	4.8	4.3	4.7	4.7	-0.011	0.000	0.000	0.000
09:30:00	12.4	11.6	12.3	11.1	4.5	4.0	4.7	4.5	-0.008	0.000	0.000	0.000
09:45:00	12.3	10.8	10.9	11.3	4.5	3.9	4.6	4.5	-0.005	0.006	0.000	0.000
10:00:00	12.1	10.8	11.5	11.1	4.5	4.0	4.6	4.4	0.002	0.010	0.000	0.000
10:15:00	12.0	9.8	11.9	10.5	4.5	3.7	4.5	4.4	0.008	0.014	0.000	0.000
10:30:00	11.3	9.4	11.8	10.2	4.3	3.7	4.4	4.3	0.016	0.024	0.000	0.002
10:45:00	10.7	8.9	10.9	10.3	4.2	3.6	4.4	4.3	0.028	0.032	0.000	0.009
11:00:00	10.3	8.5	10.0	9.8	4.2	3.5	4.4	4.2	0.040	0.048	0.000	0.016
11:15:00	9.8	8.3	9.4	9.8	4.0	3.5	4.3	3.9	0.056	0.052	0.000	0.029
11:30:00	9.7	8.3	8.8	9.4	4.0	3.4	4.3	3.9	0.069	0.058	0.000	0.034
11:45:00	9.1	7.8	9.1	9.0	3.9	3.4	4.3	3.9	0.072	0.062	0.003	0.039



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12:00:00	8.8	7.5	7.9	8.6	3.9	3.3	4.1	3.6	0.089	0.074	0.009	0.042
12:15:00	8.7	7.1	8.3	8.5	3.8	3.1	4.0	3.5	0.085	0.086	0.011	0.049
12:30:00	8.2	6.4	7.5	8.3	3.5	2.9	3.9	3.4	0.083	0.081	0.009	0.051
12:45:00	7.4	6.3	8.7	7.7	3.3	2.9	3.7	3.6	0.098	0.081	0.013	0.047
13:00:00	7.6	6.5	7.2	7.7	3.3	2.9	3.7	3.2	0.105	0.082	0.012	0.042
13:15:00	7.8	6.4	6.6	7.3	3.3	2.9	3.5	3.1	0.099	0.070	0.010	0.044
13:30:00	7.7	6.9	6.5	7.9	3.6	3.4	3.6	3.0	0.094	0.058	0.009	0.035
13:45:00	8.8	7.4	7.1	9.3	4.5	4.0	4.6	3.5	0.091	0.046	0.002	0.023
14:00:00	8.3	6.6	7.5	8.7	4.0	3.1	4.5	3.7	0.078	0.040	0.000	0.011
14:15:00	8.9	6.4	10.8	9.1	3.6	2.9	4.0	3.4	0.072	0.038	0.000	0.010
14:30:00	7.5	5.3	5.4	5.6	3.1	2.7	2.9	2.4	0.081	0.047	0.007	0.020
14:45:00	6.1	4.5	6.1	6.5	2.9	2.4	3.4	3.1	0.073	0.042	0.013	0.031
15:00:00	6.8	5.2	6.4	10.2	3.1	2.5	4.1	3.0	0.055	0.031	0.008	0.029
15:15:00	5.3	4.9	5.5	14.3	2.5	2.3	4.4	2.5	0.041	0.009	0.002	0.022
15:30:00	6.4	4.9	5.1	6.8	2.6	2.0	2.8	2.3	0.037	0.011	0.000	0.017
15:45:00	8.4	7.9	6.4	6.8	3.1	3.0	3.1	2.7	0.012	0.001	0.000	0.013
16:00:00	10.5	10.8	7.5	7.7	3.1	3.5	2.9	2.7	0.001	0.000	0.000	0.007
16:15:00	10.9	9.7	8.2	8.8	3.1	3.2	3.0	2.8	-0.017	0.000	0.000	0.001
16:30:00	10.7	9.8	7.9	9.0	3.1	3.2	3.2	2.6	-0.032	0.000	0.000	0.000
16:45:00	9.9	9.6	9.0	8.2	3.1	3.0	3.0	2.9	-0.042	0.000	0.000	0.000
17:00:00	10.6	10.3	9.6	7.8	3.2	3.2	3.0	3.3	-0.046	0.000	0.000	0.000
17:15:00	8.1	9.8	9.4	7.7	3.0	3.1	3.0	3.3	-0.043	0.000	0.000	0.000
17:30:00	9.5	9.8	10.0	7.9	3.3	3.2	3.0	3.0	-0.040	0.000	0.000	0.000
17:45:00	11.9	10.5	11.0	8.5	4.1	3.7	3.5	3.9	-0.040	0.000	0.000	0.000
18:00:00	11.6	11.4	10.4	9.9	4.2	3.8	4.2	3.9	-0.039	0.000	0.000	0.000
18:15:00	10.8	10.2	9.5	9.6	4.5	4.0	4.3	3.6	-0.037	0.000	0.000	0.000
18:30:00	10.5	10.5	10.2	11.0	4.4	4.0	6.6	3.8	-0.038	0.000	0.000	0.000
18:45:00	9.8	10.1	10.0	9.3	4.6	4.3	4.7	4.0	-0.035	0.000	0.000	0.000
19:00:00	11.8	11.4	12.9	9.1	5.8	4.9	4.5	4.7	-0.035	0.000	0.000	0.000
19:15:00	11.5	14.5	12.8	11.0	5.1	4.6	5.4	4.8	-0.038	0.000	0.000	0.000
19:30:00	10.3	11.5	20.9	10.4	4.2	4.1	4.8	6.6	-0.038	0.000	0.000	0.000
19:45:00	10.2	15.9	20.0	9.5	4.0	3.9	4.1	5.5	-0.028	0.000	0.000	0.000
20:00:00	10.6	17.2	24.6	10.2	4.1	3.7	4.1	6.1	-0.029	0.000	0.000	0.000
20:15:00	12.3	10.3	23.7	10.4	4.3	3.4	4.1	6.0	-0.028	0.000	0.000	0.000
20:30:00	12.3	12.0	13.6	11.4	4.5	3.4	4.3	4.3	-0.025	0.000	0.006	0.000
20:45:00	13.4	13.2	24.4	12.2	5.1	3.6	4.5	5.7	-0.023	0.000	0.005	0.000
21:00:00	14.9	15.9	26.7	14.0	5.6	4.0	5.5	6.7	-0.022	0.000	0.000	0.000
21:15:00	15.5	15.3	14.3	14.3	5.6	4.0	5.3	5.1	-0.021	0.000	0.000	0.000
21:30:00	17.4	14.4	18.3	12.9	5.3	4.0	4.9	5.5	-0.021	0.000	0.000	0.000
21:45:00	15.0	15.9	34.7	12.5	4.7	3.8	4.6	7.6	-0.021	0.000	0.000	0.000
22:00:00	15.0	15.5	27.2	13.0	4.5	3.8	4.4	6.1	-0.021	0.000	0.000	0.000
22:15:00	17.1	14.9	27.5	14.6	4.4	3.6	4.3	5.4	-0.019	0.000	0.006	0.000
22:30:00	15.2	15.6	33.9	14.2	4.3	3.5	4.2	5.7	-0.020	0.000	0.019	0.000
22:45:00	15.3	14.6	41.0	13.0	4.2	3.4	4.1	6.3	-0.020	0.000	0.022	0.000
23:00:00	16.4	15.5	38.6	13.2	4.2	3.2	4.2	6.2	-0.019	0.000	0.027	0.000
23:15:00	18.8	16.6	48.0	13.3	4.3	3.2	4.0	8.0	-0.018	0.000	0.012	0.000
23:30:00	18.6	17.3	32.1	14.3	4.2	3.3	4.0	6.3	-0.015	0.000	0.014	0.000
23:45:00	20.5	17.8	46.7	16.9	4.6	3.5	4.3	7.7	-0.015	0.000	0.023	0.000



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