



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-14

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.112 to 8.903	2943 SE	3061 SSW	2996 WSW	2997 NW	Min : 71.96 Max : 95.90	Min : 60.90 Max : 92.30	Min : 26.64 Max : 32.59

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	42.4	68.5	15.7	23.6	0.008	0.030
2996	37.1	57.5	15.0	23.0	0.000	0.003
2997	54.2	113.0	15.3	22.9	0.010	0.064
3061	41.3	84.4	13.3	20.1	0.000	0.003

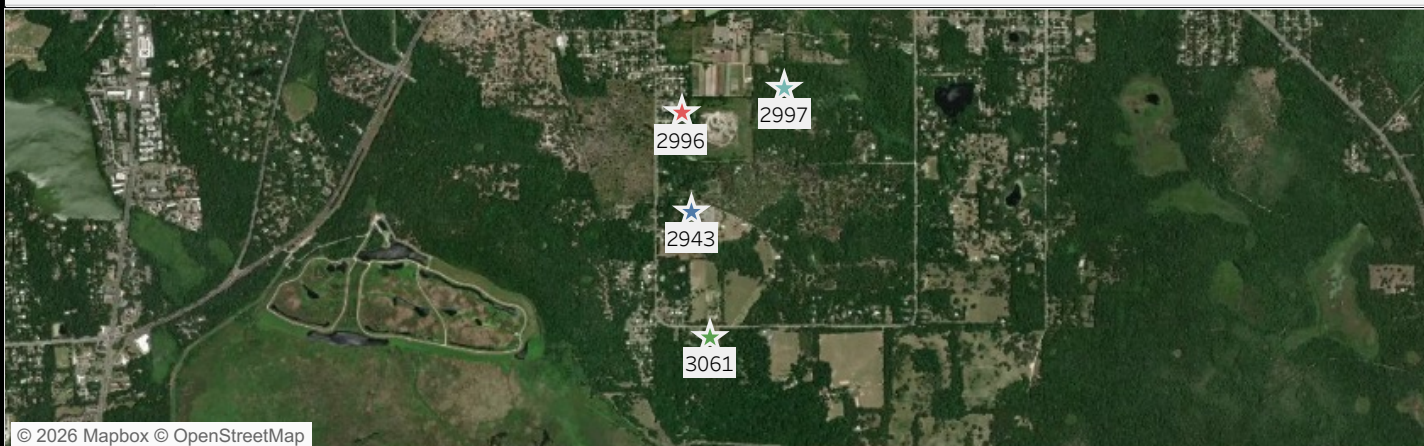


Figure 1 : Monitoring Locations

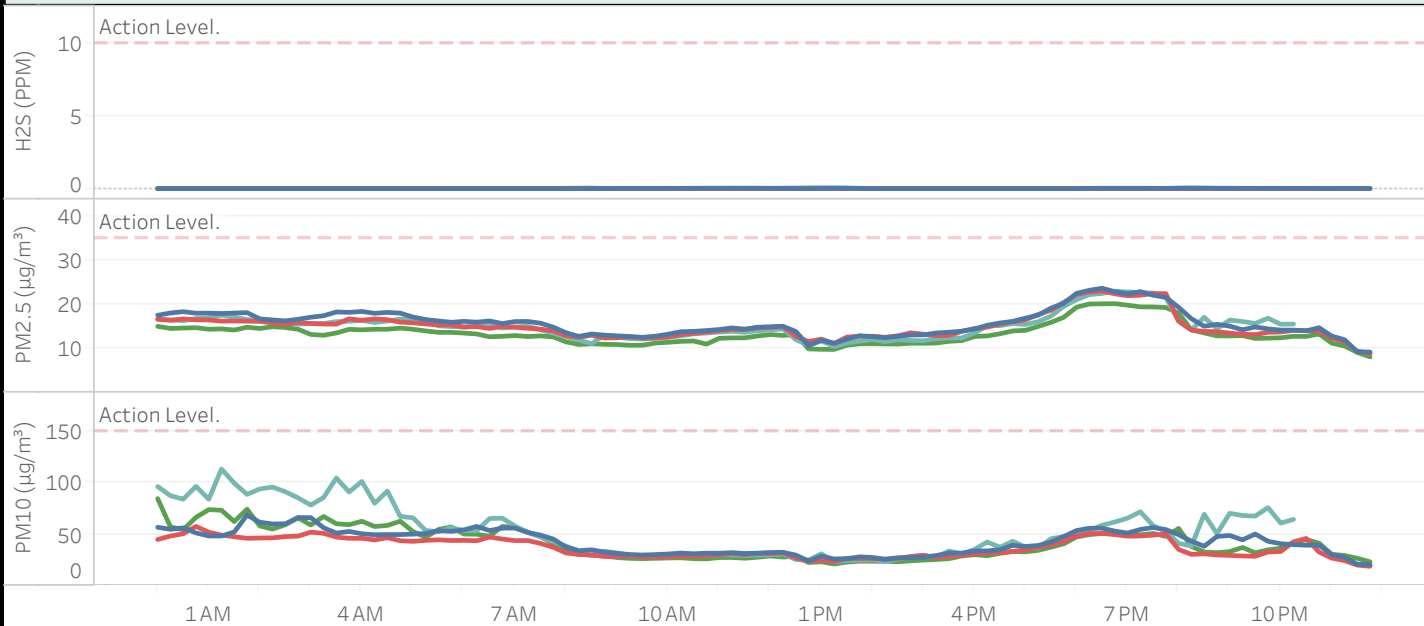


Figure 2 : 15 Minutes Average Concentrations



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Wind Rose Chart 2943

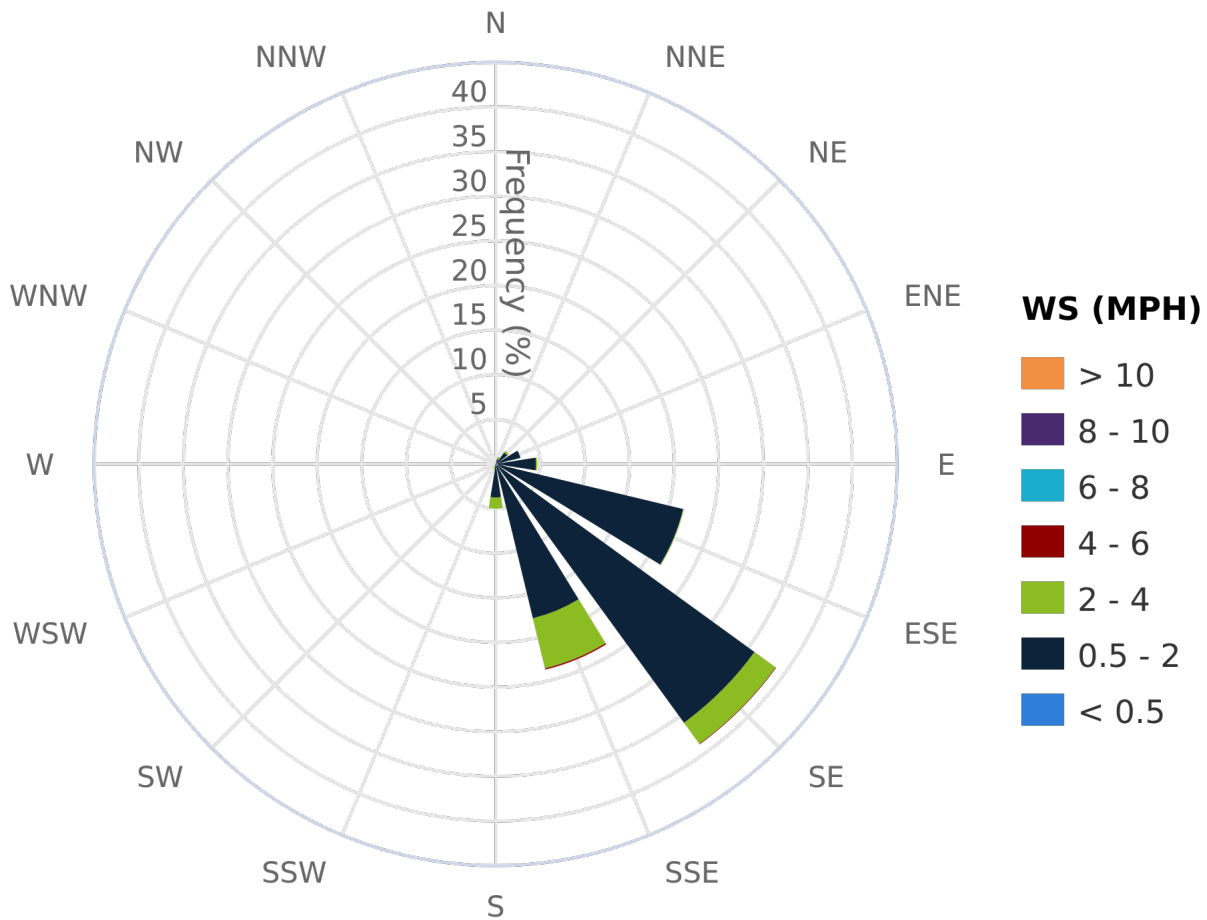


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

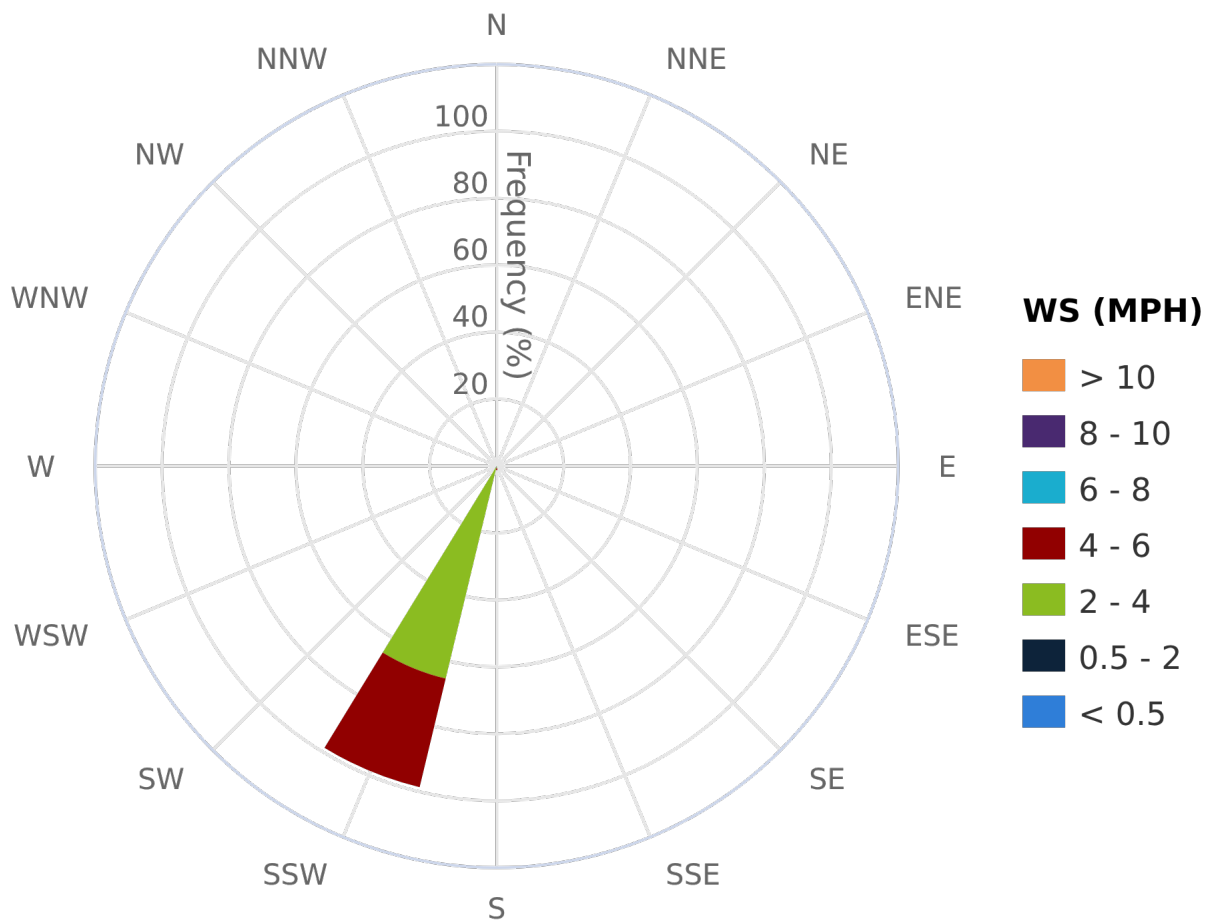


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

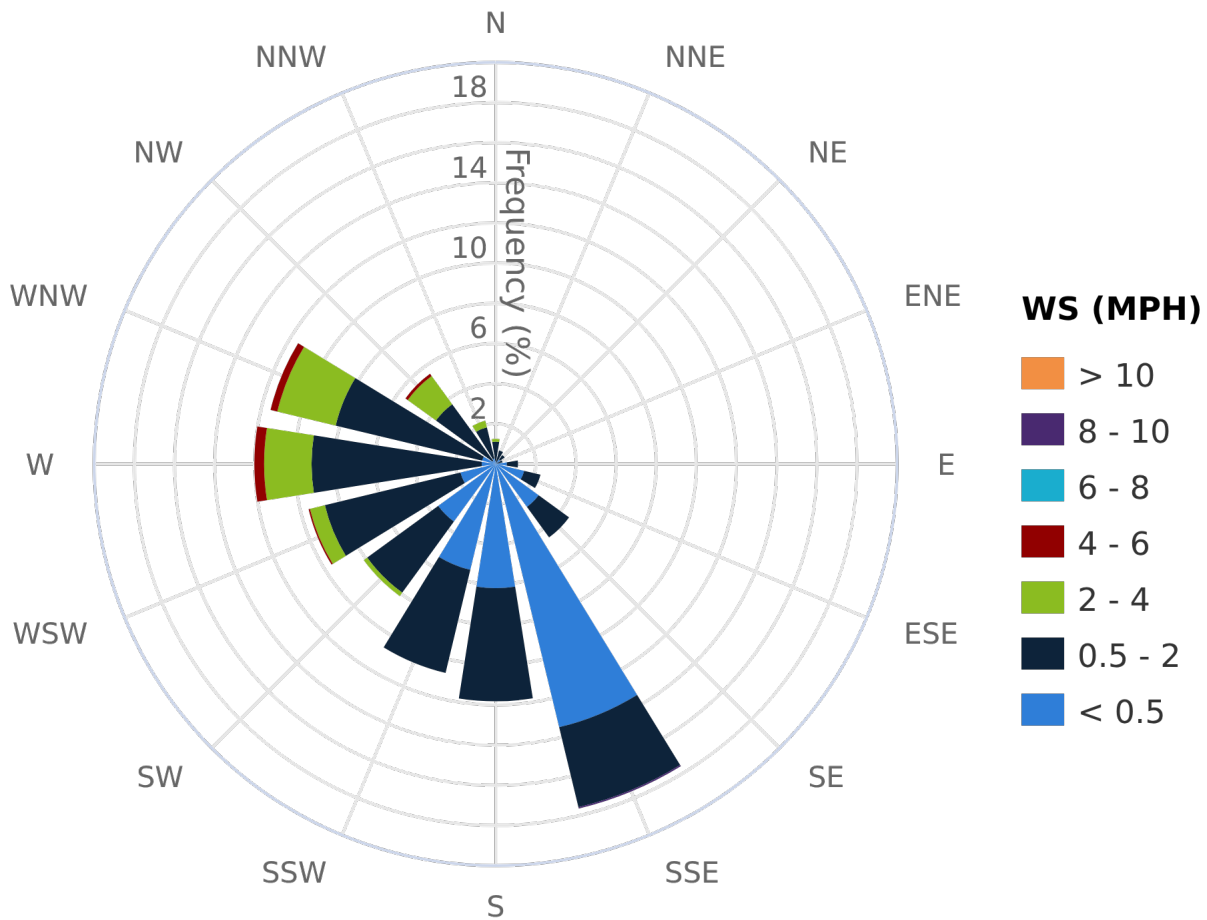


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

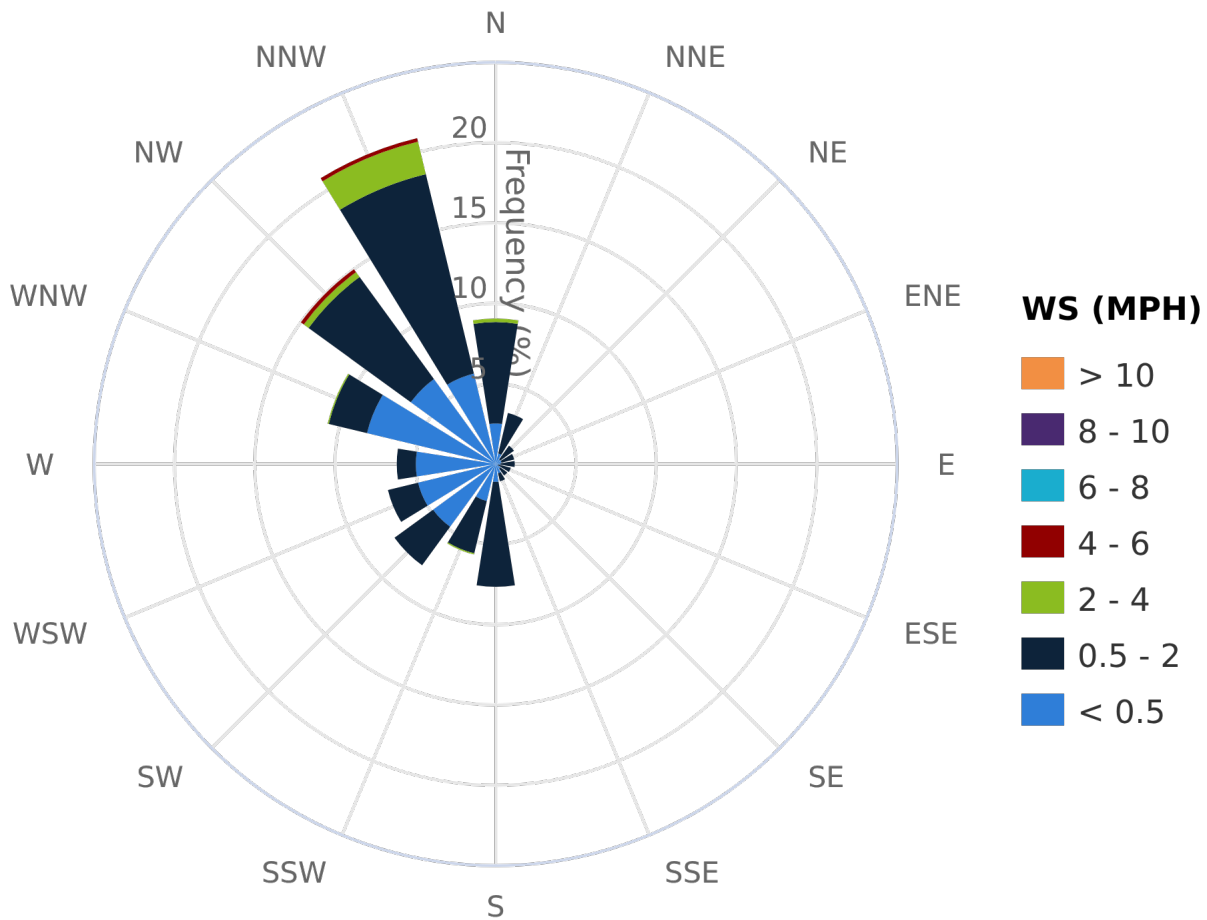


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	56.6	84.4	96.1	44.8	17.5	15.0	16.6	16.6	0.000	0.000	0.000	0.000
00:15:00	54.7	57.0	87.3	48.2	18.0	14.5	16.4	16.4	0.000	0.000	0.000	0.000
00:30:00	56.1	54.3	83.9	50.4	18.3	14.6	16.7	16.3	0.000	0.000	0.000	0.000
00:45:00	51.2	66.2	96.3	57.5	17.9	14.7	16.5	16.7	0.000	0.000	0.000	0.000
01:00:00	48.2	73.7	83.8	51.9	18.0	14.3	16.4	16.9	0.000	0.000	0.000	0.000
01:15:00	48.2	73.1	113.0	49.1	17.9	14.4	16.2	17.5	0.000	0.000	0.000	0.000
01:30:00	52.0	62.1	99.4	47.5	18.0	14.1	16.2	17.1	0.000	0.000	0.000	0.000
01:45:00	68.5	74.1	88.5	46.0	18.1	14.8	16.2	16.5	0.000	0.000	0.000	0.000
02:00:00	61.5	58.0	93.7	46.3	16.7	14.5	16.1	16.3	0.000	0.000	0.000	0.000
02:15:00	59.9	54.9	95.5	46.4	16.4	14.9	15.8	16.1	0.000	0.000	0.000	0.000
02:30:00	60.0	59.1	91.1	47.6	16.2	14.7	15.4	15.7	0.000	0.000	0.000	0.000
02:45:00	66.1	65.8	85.1	48.1	16.6	14.3	15.9	15.5	0.000	0.000	0.000	0.000
03:00:00	66.0	58.8	78.1	51.9	17.0	13.2	15.6	15.6	0.000	0.000	0.000	0.001
03:15:00	56.2	67.1	85.4	50.8	17.4	13.0	15.5	15.6	0.000	0.000	0.000	0.000
03:30:00	51.0	60.1	104.3	47.1	18.2	13.5	15.5	16.0	0.000	0.000	0.000	0.000
03:45:00	52.6	59.1	90.8	45.9	18.1	14.3	16.7	16.1	0.000	0.000	0.000	0.000
04:00:00	50.3	62.5	101.0	45.9	18.3	14.2	16.3	16.3	0.000	0.000	0.000	0.000
04:15:00	49.4	57.4	79.9	44.4	17.9	14.3	16.7	15.8	0.000	0.000	0.000	0.000
04:30:00	49.6	58.4	91.7	46.6	18.1	14.3	16.5	16.2	0.000	0.000	0.000	0.000
04:45:00	49.6	62.5	67.2	43.6	18.0	14.6	15.9	16.6	0.000	0.001	0.000	0.000
05:00:00	50.0	52.5	65.8	43.0	17.1	14.3	15.8	16.5	0.000	0.000	0.000	0.000
05:15:00	50.6	47.0	53.6	44.0	16.5	13.9	15.5	16.1	0.000	0.000	0.000	0.002
05:30:00	53.4	54.5	52.3	44.5	16.2	13.6	15.3	15.1	0.000	0.000	0.000	0.000
05:45:00	52.7	57.0	56.4	43.8	15.9	13.6	15.3	14.9	0.000	0.000	0.000	0.001
06:00:00	54.2	50.0	53.3	44.0	16.1	13.5	14.8	14.8	0.000	0.000	0.000	0.000
06:15:00	57.5	49.9	53.3	43.6	15.9	13.3	14.9	15.0	0.000	0.000	0.000	0.000
06:30:00	53.5	47.9	65.1	47.2	16.2	12.6	14.5	15.2	0.000	0.000	0.000	0.000
06:45:00	55.8	57.5	65.5	45.3	15.6	12.7	15.0	14.6	0.000	0.000	0.000	0.000
07:00:00	55.9	56.4	57.9	43.7	16.1	12.9	14.8	14.8	0.000	0.000	0.000	0.000
07:15:00	51.6	51.9	51.7	43.8	16.1	12.7	14.6	15.0	0.000	0.000	0.000	0.000
07:30:00	49.0	47.6		41.0	15.7	12.8	14.3		0.000	0.000	0.000	
07:45:00	45.2	41.1		37.2	14.8	12.6	14.0		0.000	0.000	0.000	
08:00:00	37.4	33.4		31.7	13.5	11.5	12.9		0.000	0.000	0.000	
08:15:00	34.0	30.4		30.3	12.7	10.9	12.5		0.002	0.000	0.000	
08:30:00	34.8	29.7	29.5	29.8	13.3	11.0	13.0	11.1	0.001	0.000	0.000	0.039
08:45:00	32.6	28.9	33.4	28.4	13.0	10.9	12.4	13.0	0.004	0.000	0.000	0.000
09:00:00	31.3	27.3	31.8	28.3	12.8	10.9	12.4	12.6	0.007	0.000	0.000	0.000
09:15:00	30.3	26.5	29.6	28.7	12.7	10.7	12.6	12.2	0.009	0.000	0.000	0.000
09:30:00	29.8	26.3	28.6	27.9	12.5	10.7	12.3	12.1	0.009	0.000	0.000	0.000
09:45:00	30.2	26.6	28.5	27.9	12.8	11.2	12.4	12.3	0.007	0.000	0.000	0.000
10:00:00	30.8	26.9	28.5	28.2	13.2	11.4	12.6	12.5	0.011	0.000	0.000	0.000
10:15:00	31.7	27.1	29.1	29.0	13.8	11.6	13.1	12.8	0.018	0.000	0.000	0.000
10:30:00	31.0	26.2	29.4	29.0	13.8	11.7	13.4	13.3	0.025	0.000	0.000	0.000
10:45:00	31.6	26.0	29.5	29.4	14.0	11.0	13.7	13.5	0.028	0.000	0.000	0.000
11:00:00	31.5	27.3	30.1	30.1	14.3	12.3	14.0	13.7	0.028	0.000	0.000	0.000
11:15:00	32.1	27.4	29.7	31.2	14.6	12.4	14.3	13.8	0.030	0.000	0.000	0.010
11:30:00	31.2	26.7	29.3	30.3	14.4	12.4	14.3	13.6	0.028	0.001	0.000	0.017
11:45:00	31.6	27.6	29.7	31.3	14.8	12.8	14.7	14.0	0.024	0.002	0.001	0.028



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12:00:00	32.2	28.9	30.0	31.2	14.9	13.1	14.7	14.2	0.019	0.002	0.001	0.023
12:15:00	32.4	27.8	30.8	31.8	15.0	12.9	14.9	14.4	0.016	0.000	0.002	0.032
12:30:00	29.8	28.7	25.4	26.8	13.8	13.1	12.7	12.0	0.012	0.000	0.000	0.043
12:45:00	24.0	22.5	24.9	23.8	10.6	9.9	11.5	10.7	0.000	0.000	0.000	0.056
13:00:00	28.8	23.2	31.0	24.7	11.8	9.8	12.1	11.7	0.005	0.000	0.002	0.064
13:15:00	26.0	21.1	23.1	23.4	11.2	9.8	11.1	10.4	0.021	0.001	0.003	0.063
13:30:00	26.2	23.0	24.5	26.4	12.1	10.7	12.5	11.2	0.022	0.003	0.000	0.045
13:45:00	28.0	23.8	24.7	26.5	12.9	11.0	12.8	11.7	0.012	0.002	0.000	0.024
14:00:00	27.4	23.7	25.1	26.4	12.6	11.1	12.7	12.0	0.001	0.001	0.000	0.013
14:15:00	25.6	23.6	23.4	25.8	12.4	11.0	12.5	11.6	0.000	0.001	0.000	0.007
14:30:00	27.2	23.3	25.8	26.4	12.7	11.0	12.8	11.9	0.000	0.000	0.000	0.002
14:45:00	27.3	24.2	28.5	28.2	13.0	11.2	13.5	11.8	0.000	0.000	0.000	0.000
15:00:00	27.7	24.9	29.4	29.6	13.1	11.2	13.2	11.7	0.000	0.000	0.000	0.000
15:15:00	29.3	25.5	27.6	27.2	13.5	11.2	12.9	12.2	0.000	0.000	0.000	0.000
15:30:00	31.7	26.2	33.6	28.5	13.7	11.6	12.9	12.4	0.000	0.000	0.000	0.000
15:45:00	31.6	28.9	30.8	29.5	13.9	11.8	13.9	12.4	0.000	0.000	0.000	0.000
16:00:00	33.7	30.1	35.2	30.7	14.4	12.7	14.5	13.5	0.000	0.000	0.000	0.000
16:15:00	33.8	29.1	42.4	31.6	15.2	12.8	14.8	15.1	0.000	0.000	0.000	0.000
16:30:00	34.9	31.4	37.3	32.3	15.7	13.3	15.5	15.1	0.000	0.000	0.000	0.000
16:45:00	39.2	33.1	43.1	33.3	16.1	13.9	16.0	15.6	0.000	0.000	0.000	0.000
17:00:00	38.1	32.8	37.3	34.6	16.8	14.1	16.5	15.4	0.000	0.000	0.000	0.000
17:15:00	39.0	34.3	36.4	37.2	17.5	15.0	17.7	16.0	0.000	0.000	0.000	0.000
17:30:00	42.3	37.4	45.6	39.5	19.1	15.9	18.6	17.3	0.000	0.001	0.000	0.000
17:45:00	47.7	40.7	47.7	43.1	20.2	17.0	20.4	19.5	0.000	0.002	0.000	0.000
18:00:00	53.5	47.3	50.7	48.2	22.4	19.3	22.2	21.0	0.000	0.001	0.001	0.001
18:15:00	55.7	49.5	53.6	50.4	23.1	20.0	22.7	22.2	0.018	0.001	0.002	0.008
18:30:00	55.8	50.6	58.6	50.7	23.6	20.1	23.0	22.4	0.024	0.001	0.000	0.013
18:45:00	52.9	50.5	61.7	49.5	22.8	20.1	22.3	22.9	0.026	0.002	0.001	0.016
19:00:00	51.0	50.8	65.5	48.0	22.3	19.8	21.9	22.8	0.023	0.001	0.000	0.016
19:15:00	54.6	49.3	71.7	48.2	22.8	19.4	22.0	22.6	0.024	0.001	0.000	0.011
19:30:00	56.4	50.7	58.1	49.0	22.0	19.4	22.4	22.5	0.021	0.002	0.000	0.010
19:45:00	54.4	47.8	52.7	50.3	21.5	19.2	22.4	21.5	0.015	0.002	0.000	0.019
20:00:00	49.5	55.5	41.1	35.1	19.3	18.0	16.2	16.1	0.023	0.001	0.000	0.040
20:15:00	43.2	38.1	38.4	30.4	16.7	14.2	14.2	14.2	0.027	0.001	0.000	0.049
20:30:00	38.2	32.6	69.2	30.9	15.0	13.5	13.8	17.0	0.022	0.001	0.000	0.042
20:45:00	47.7	32.0	50.4	29.8	15.4	12.8	13.8	14.4	0.019	0.001	0.000	0.029
21:00:00	48.7	33.1	70.2	29.4	15.0	12.8	13.4	16.4	0.018	0.001	0.000	0.029
21:15:00	44.4	37.1	68.1	28.8	14.2	12.9	13.2	16.1	0.016	0.001	0.000	0.022
21:30:00	50.1	31.9	67.5	28.6	14.8	12.2	13.1	15.6	0.016	0.001	0.000	0.020
21:45:00	43.1	34.8	75.7	32.7	14.4	12.3	13.6	16.8	0.008	0.001	0.000	0.018
22:00:00	40.7	36.3	60.7	33.2	14.1	12.4	13.7	15.4	0.010	0.000	0.000	0.021
22:15:00	39.8	41.8	64.3	42.6	14.1	12.7	14.1	15.5	0.014	0.000	0.000	0.017
22:30:00	39.3	44.7		45.8	14.0	12.7	14.0		0.014	0.000	0.000	
22:45:00	39.2	41.3		32.7	14.7	13.3	14.0		0.008	0.000	0.000	
23:00:00	30.1	30.4		26.8	12.8	11.2	12.3		0.005	0.000	0.000	
23:15:00	27.5	29.3		24.3	12.0	10.5	11.5		0.009	0.000	0.000	
23:30:00	20.9	26.6		20.0	9.2	9.1	9.4		0.009	0.000	0.000	
23:45:00	20.4	23.2		18.9	9.2	8.1	8.8		0.008	0.000	0.000	



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