



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-15

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 12.46	2943 ESE	2693 N	2996 SSE	2997 NNW	Min : 58.64 Max : 91.40	Min : 46.20 Max : 93.00	Min : 29.87 Max : 30.17

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)
2693	7.1	20.8	3.7	15.6	0.000	0.001
2943	14.3	92.5	4.3	13.7	-0.041	0.037
2996	9.5	21.0	3.8	8.5	0.000	0.004
2997	12.7	45.0	6.2	32.0	0.003	0.052



Figure 1 : Monitoring Locations

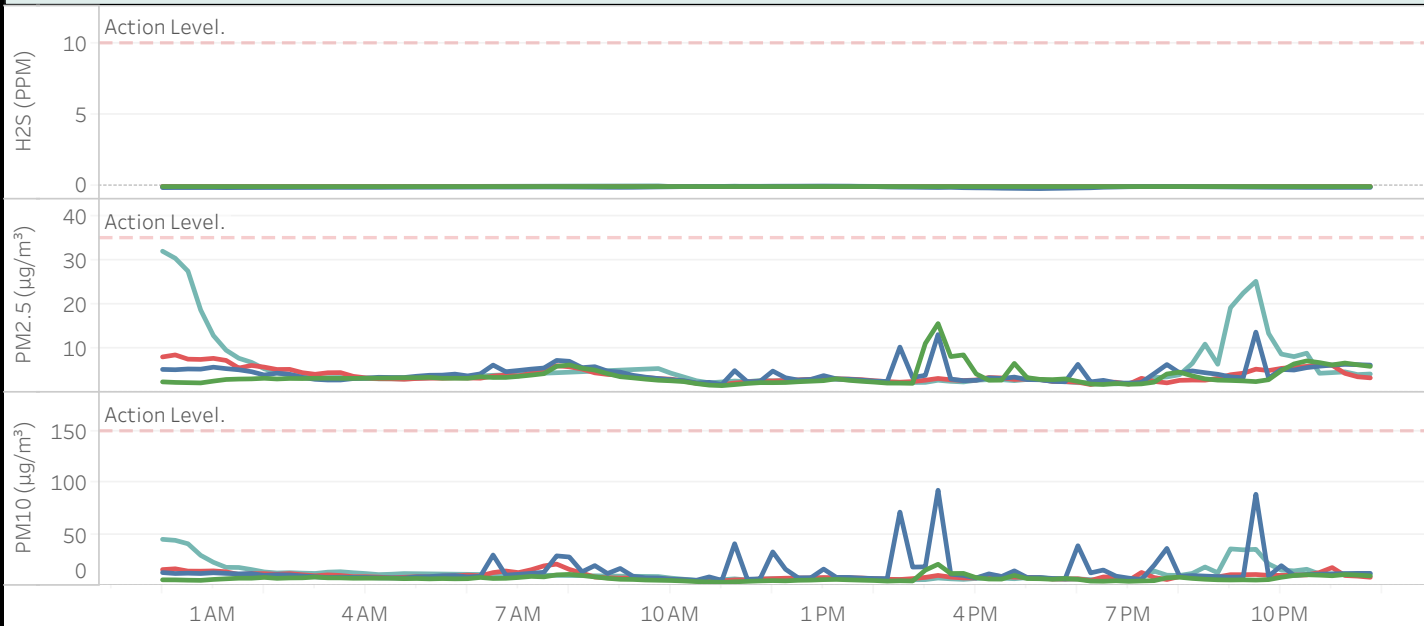


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

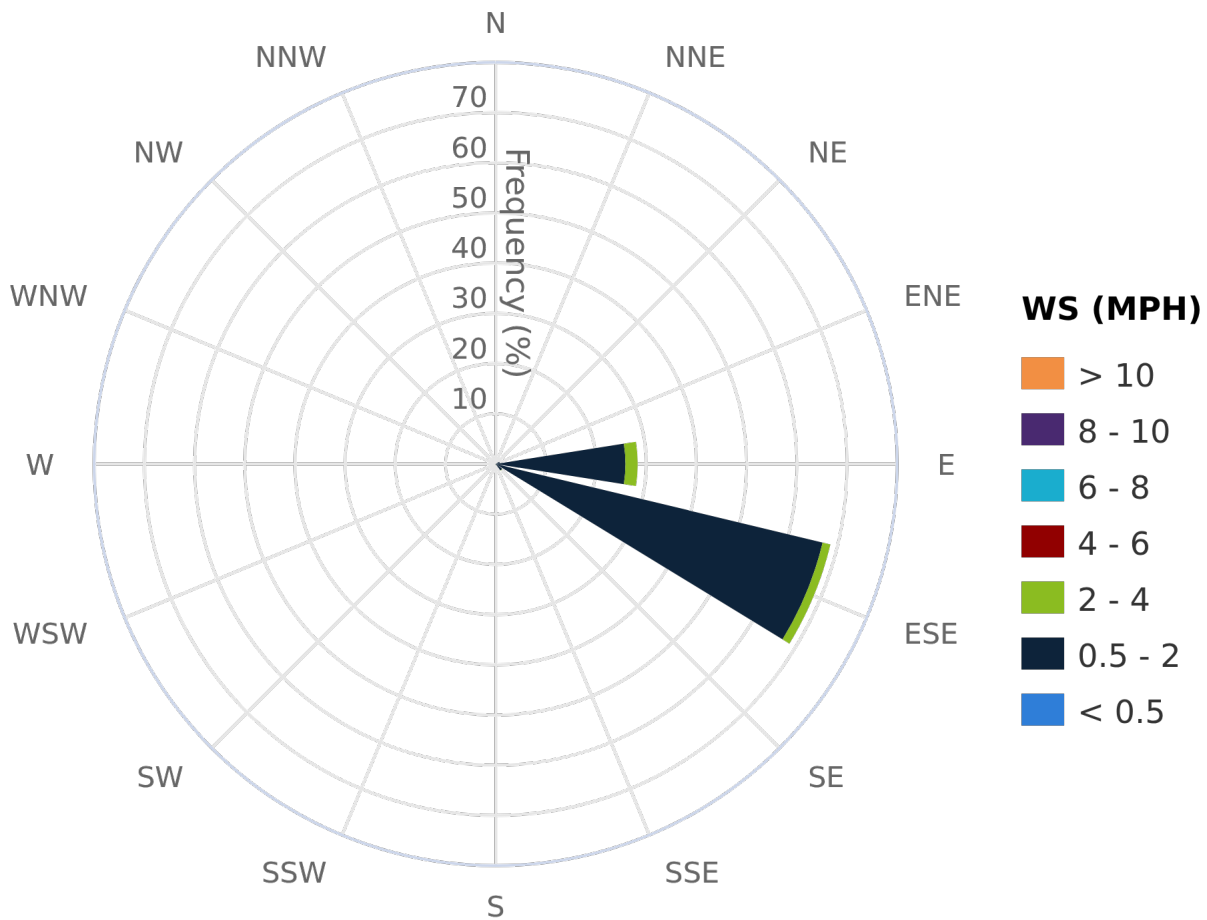


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

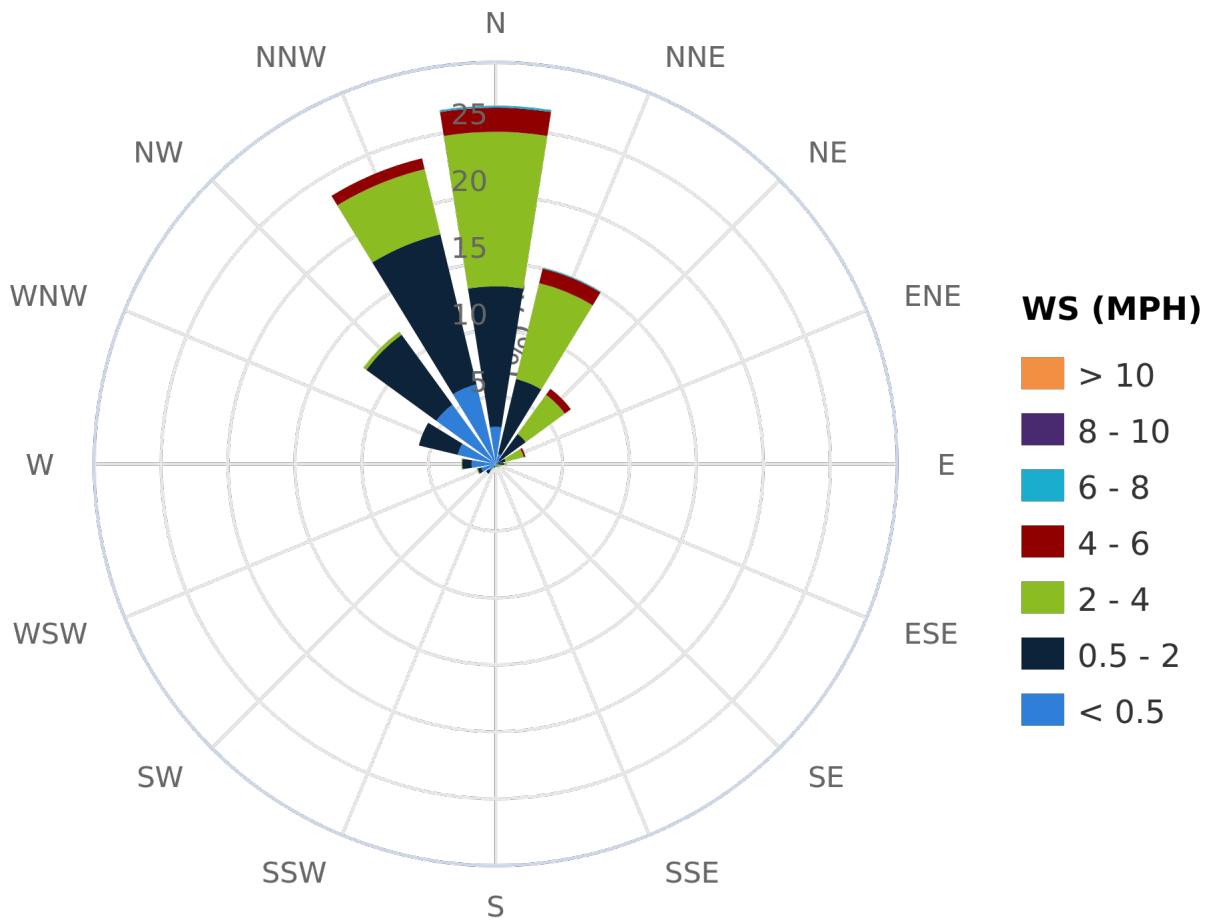


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

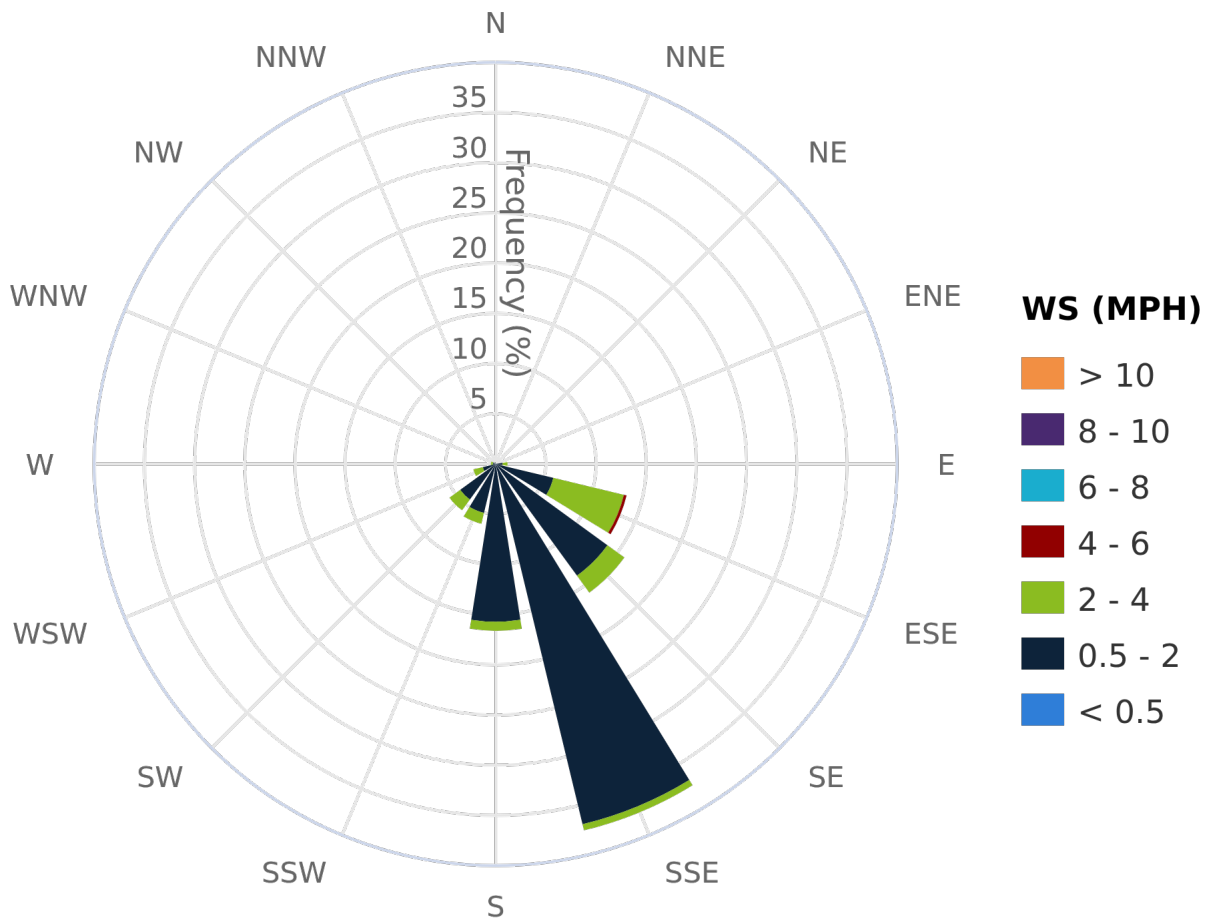


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

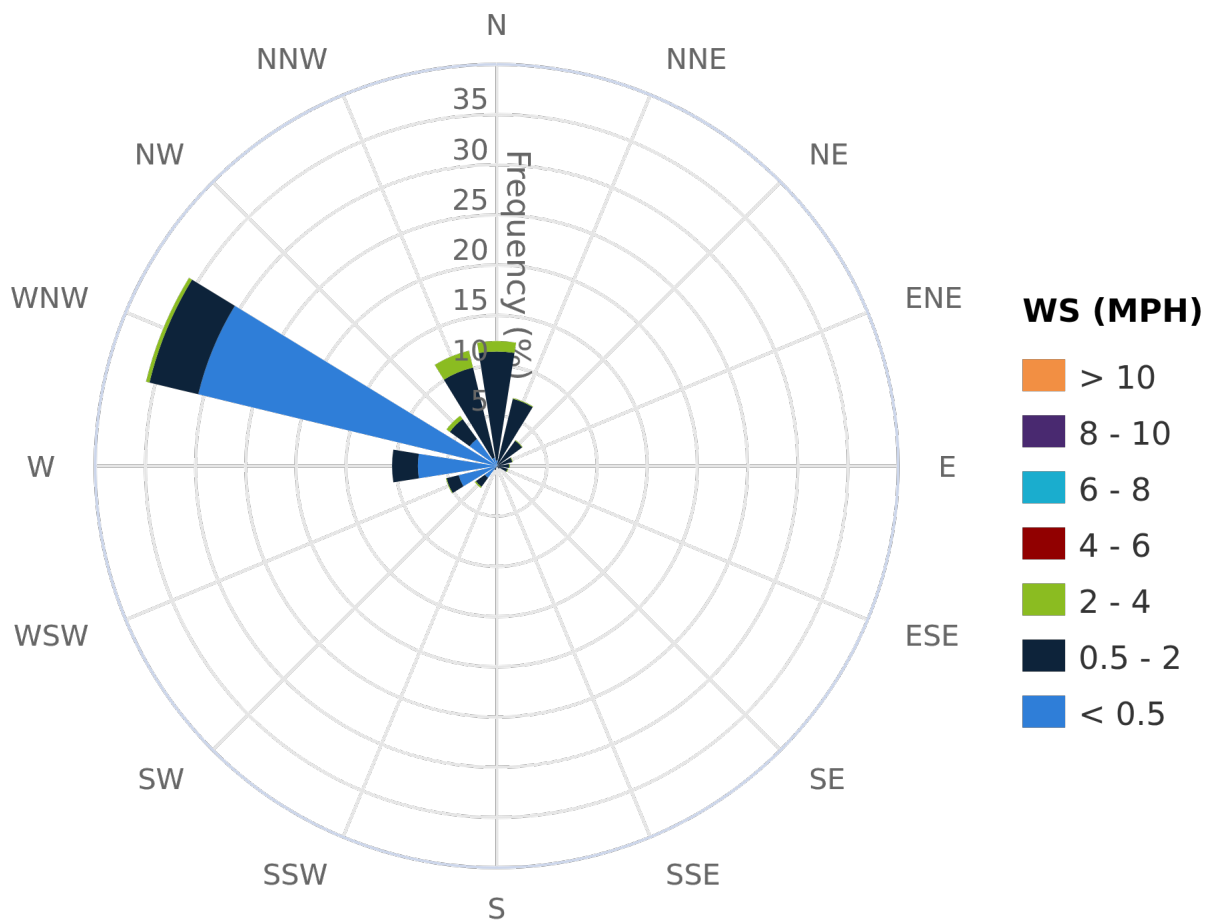


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	12.8	5.8	45.0	15.7	5.2	2.4	8.1	32.0	-0.074	0.000	0.000	0.000
00:15:00	11.9	5.7	44.0	16.4	5.2	2.3	8.5	30.4	-0.069	0.000	0.000	0.000
00:30:00	12.2	5.4	40.7	14.2	5.3	2.3	7.6	27.5	-0.069	0.001	0.000	0.000
00:45:00	11.9	5.2	29.5	14.1	5.3	2.2	7.5	18.7	-0.068	0.000	0.000	0.000
01:00:00	12.6	6.1	22.7	14.4	5.8	2.6	7.7	12.9	-0.068	-0.001	0.000	0.000
01:15:00	12.0	6.8	17.8	13.6	5.4	3.0	7.3	9.6	-0.073	0.000	0.000	0.000
01:30:00	11.5	7.3	17.7	10.8	5.2	3.1	5.6	7.8	-0.069	0.000	0.000	0.000
01:45:00	11.8	7.3	15.7	11.8	4.7	3.1	6.1	6.8	-0.067	0.000	0.000	0.000
02:00:00	10.0	8.1	13.4	11.7	4.0	3.2	5.8	5.4	-0.065	0.000	0.000	0.000
02:15:00	10.7	7.2	12.4	11.1	4.4	3.1	5.2	4.5	-0.064	0.000	0.000	0.000
02:30:00	10.5	7.6	12.7	11.8	4.1	3.2	5.3	4.0	-0.063	0.000	0.000	0.000
02:45:00	9.5	7.7	12.3	10.6	3.4	3.2	4.5	3.8	-0.061	0.000	0.000	0.000
03:00:00	8.8	8.4	11.9	9.7	3.0	3.3	4.1	3.4	-0.060	-0.001	0.000	0.000
03:15:00	8.0	7.7	13.2	10.5	2.9	3.3	4.5	3.4	-0.057	0.000	0.000	0.000
03:30:00	8.3	7.7	13.6	10.0	2.9	3.2	4.5	3.4	-0.056	0.000	0.000	0.000
03:45:00	8.1	7.3	12.6	8.8	3.2	3.2	3.7	3.2	-0.057	0.000	0.000	0.000
04:00:00	8.0	7.3	11.8	8.8	3.3	3.2	3.3	3.2	-0.055	0.001	0.000	0.000
04:15:00	7.7	7.3	10.8	8.3	3.5	3.3	3.1	3.1	-0.055	0.000	0.000	0.000
04:30:00	7.6	7.3	11.2	7.7	3.4	3.3	3.1	3.1	-0.050	0.000	0.000	0.000
04:45:00	7.5	6.9	11.8	8.2	3.4	3.4	3.0	3.1	-0.047	0.000	0.000	0.000
05:00:00	8.7	7.0		8.7	3.7	3.4	3.2		-0.044	0.000	0.000	
05:15:00	8.9	6.7		8.5	3.9	3.4	3.3		-0.044	0.000	0.000	
05:30:00	9.7	7.0		9.2	4.0	3.3	3.3		-0.041	0.001	0.000	
05:45:00	9.9	6.7		9.6	4.2	3.3	3.4		-0.038	0.001	0.000	
06:00:00	8.6	6.9		10.3	3.8	3.2	3.3		-0.036	0.000	0.000	
06:15:00	9.2	8.1		9.6	4.2	3.6	3.3		-0.034	0.000	0.000	
06:30:00	29.8	7.1		12.8	6.2	3.4	3.7		-0.032	0.000	0.000	
06:45:00	10.3	7.2		14.3	4.7	3.4	4.0		-0.033	0.000	0.000	
07:00:00	11.1	8.0		12.7	5.0	3.7	3.8		-0.033	0.000	0.000	
07:15:00	12.0	9.1		15.5	5.3	4.0	4.4		-0.031	0.000	0.000	
07:30:00	13.0	8.6		19.2	5.6	4.3	5.1		-0.029	0.000	0.000	
07:45:00	29.0	10.6		21.0	7.3	6.0	6.1		-0.031	0.000	0.000	
08:00:00	27.9	11.0		15.9	7.1	6.3	5.8		-0.035	0.001	0.000	
08:15:00	13.5	10.0		12.2	5.6	5.5	5.3		-0.039	0.000	0.000	
08:30:00	19.5	8.6		8.5	5.9	5.1	4.5		-0.044	0.001	0.000	
08:45:00	11.9	7.2		7.7	4.9	4.3	4.1		-0.051	0.000	0.000	
09:00:00	16.7	6.3		7.4	4.6	3.6	4.0		-0.054	0.000	0.000	
09:15:00	9.2	6.1		7.7	3.9	3.3	3.7		-0.051	0.000	0.000	
09:30:00	7.7	5.6		7.0	3.5	3.0	3.4		-0.038	0.000	0.000	
09:45:00	7.6	5.3	8.9	6.4	3.2	2.8	3.2	5.4	-0.025	0.000	0.000	0.052
10:00:00	6.4	5.1	7.4	6.3	2.9	2.7	3.0	4.4	-0.016	0.000	0.000	0.002
10:15:00	6.0	4.7		5.5	2.7	2.5	2.6		-0.004	0.000	0.000	
10:30:00	5.3	4.0	5.2	4.7	2.2	2.0	2.1	2.7	0.003	0.001	0.000	0.017
10:45:00	8.6	3.7	5.1	4.8	2.3	1.7	1.9	2.2	0.013	0.000	0.000	0.000
11:00:00	5.2	3.4		4.7	1.9	1.6	1.8		0.014	0.000	0.000	
11:15:00	40.7	3.8	6.7	5.7	5.0	1.8	2.2	2.6	0.018	-0.001	0.000	0.024
11:30:00	6.3	4.3	5.6	5.7	2.5	2.1	2.4	2.5	0.020	0.000	0.000	0.000
11:45:00	6.7	4.7	6.3	6.5	2.6	2.3	2.6	2.7	0.019	0.000	0.000	0.000



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12:00:00	32.8	5.0	6.8	6.9	4.9	2.3	2.6	2.7	0.026	0.000	0.000	0.000
12:15:00	16.0	4.8	6.7	7.3	3.4	2.3	2.8	2.7	0.027	0.000	0.000	0.000
12:30:00	7.7	5.3	7.0	7.5	2.8	2.5	2.9	2.8	0.029	0.000	0.000	0.000
12:45:00	7.8	5.5	7.3	7.5	3.0	2.6	3.0	2.9	0.034	0.001	0.000	0.000
13:00:00	16.1	5.9	7.5	8.0	3.8	2.7	3.2	3.1	0.037	0.001	0.000	0.006
13:15:00	8.2	6.2	7.2	7.8	3.1	3.1	3.1	3.0	0.033	0.000	0.000	0.015
13:30:00	8.1	5.7	7.4	7.6	3.0	2.8	3.1	3.0	0.028	0.000	0.000	0.020
13:45:00	7.4	5.4	6.7	7.5	2.8	2.6	2.9	2.7	0.012	0.000	0.000	0.022
14:00:00	7.0	5.1	6.6	6.8	2.6	2.4	2.7	2.6	-0.003	0.001	0.000	0.015
14:15:00	7.0	4.5	6.0	6.3	2.5	2.2	2.5	2.3	-0.026	0.000	0.000	0.004
14:30:00	71.3	4.8	6.1	6.1	10.3	2.2	2.4	2.3	-0.039	0.000	0.000	0.000
14:45:00	18.1	4.6	5.8	6.9	3.4	2.1	2.5	2.3	-0.044	0.000	0.000	0.000
15:00:00	18.3	15.1	6.0	8.1	3.9	11.1	2.8	2.3	-0.055	0.000	0.000	0.000
15:15:00	92.5	20.8	7.5	10.0	13.1	15.6	3.2	2.8	-0.064	0.000	0.000	0.000
15:30:00	11.2	11.9	6.7	8.4	3.1	8.1	2.9	2.5	-0.053	0.001	0.000	0.000
15:45:00	10.0	12.0	6.2	7.6	2.7	8.5	2.7	2.4	-0.078	0.001	0.000	0.000
16:00:00	7.6	7.8	7.1	7.6	2.8	4.2	2.9	2.8	-0.090	-0.001	0.000	0.001
16:15:00	11.5	6.5	7.8	10.3	3.3	2.8	3.4	2.9	-0.096	0.000	0.000	0.003
16:30:00	9.0	6.5	7.4	9.0	3.2	2.8	3.3	2.9	-0.114	0.000	0.000	0.003
16:45:00	14.5	10.0	6.8	8.3	3.5	6.6	3.0	2.7	-0.124	0.000	0.000	0.008
17:00:00	8.0	7.0	7.9	8.2	3.0	3.4	3.1	3.0	-0.134	0.000	0.000	0.007
17:15:00	8.0	6.8	8.1	7.6	2.9	3.0	3.0	2.9	-0.141	0.001	0.000	0.005
17:30:00	7.1	6.3	6.6	6.6	2.6	2.9	2.6	2.6	-0.126	0.001	0.000	0.006
17:45:00	6.9	7.1	6.0	6.6	2.5	3.1	2.5	2.5	-0.113	0.000	0.000	0.008
18:00:00	38.8	6.2	6.6	6.8	6.4	2.5	2.4	2.2	-0.098	0.001	0.000	0.007
18:15:00	12.5	4.5	6.0	5.1	2.4	1.9	1.8	2.2	-0.084	0.001	0.000	0.004
18:30:00	15.2	4.4	5.3	8.5	2.8	1.8	2.4	2.0	-0.047	0.000	0.000	0.004
18:45:00	9.3	4.9	5.6	8.3	2.2	2.1	2.3	2.0	-0.031	-0.001	0.000	0.004
19:00:00	7.4	4.3	6.0	5.2	2.1	1.9	1.9	2.2	-0.012	0.000	0.000	0.004
19:15:00	6.1	4.7	7.7	12.9	2.3	2.0	3.2	2.6	-0.004	-0.001	0.000	0.004
19:30:00	19.9	5.0	14.3	7.9	4.3	2.4	2.5	3.4	-0.001	0.000	0.000	0.004
19:45:00	36.2	7.7	10.2	6.1	6.4	4.2	2.2	3.5	0.001	0.000	0.002	0.003
20:00:00	9.3	8.3	10.0	9.0	4.5	4.6	2.8	4.1	-0.004	0.000	0.004	0.000
20:15:00	9.9	7.1	12.0	8.0	4.9	3.8	2.8	6.6	-0.010	0.001	0.003	0.000
20:30:00	9.4	6.3	18.2	7.6	4.5	3.1	2.8	11.0	-0.015	0.000	0.001	0.000
20:45:00	8.9	5.8	12.6	8.6	4.2	2.8	3.2	6.4	-0.021	0.000	0.003	0.000
21:00:00	8.3	5.6	35.7	10.7	3.6	2.8	4.0	19.2	-0.028	0.000	0.002	0.000
21:15:00	8.5	5.8	34.8	10.7	3.3	2.7	4.4	22.5	-0.035	0.000	0.000	0.000
21:30:00	88.6	5.5	35.3	10.9	13.7	2.5	5.3	25.2	-0.041	0.000	0.001	0.000
21:45:00	9.2	6.0	21.1	10.1	3.3	2.9	5.0	13.4	-0.046	0.001	0.000	0.000
22:00:00	19.5	8.2	15.2	10.1	5.2	5.0	5.5	8.7	-0.050	0.001	0.000	0.000
22:15:00	10.1	10.0	14.4	10.4	5.1	6.5	5.8	8.1	-0.052	0.000	0.000	0.000
22:30:00	11.0	10.7	16.0	10.5	5.7	7.2	5.9	8.9	-0.057	0.000	0.000	0.000
22:45:00	11.3	10.3	11.4	12.8	6.0	6.8	6.3	4.4	-0.057	0.001	0.000	0.000
23:00:00	11.5	9.7	11.3	17.6	6.2	6.3	6.2	4.5	-0.058	0.000	0.000	0.000
23:15:00	11.8	10.9	11.5	9.9	6.4	6.7	4.4	4.7	-0.057	0.000	0.000	0.000
23:30:00	12.0	10.4	10.6	9.3	6.3	6.3	3.6	4.1	-0.058	0.000	0.000	0.000
23:45:00	12.0	9.6	11.3	8.2	6.2	5.9	3.3	4.2	-0.057	0.000	0.000	0.000



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