



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-13

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1120 Max : 21.32	2943 ESE	2693 N	2996 SSW	2997 WNW	Min : 55.76 Max : 97.70	Min : 37.00 Max : 88.50	Min : 29.83 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)
2693	11.8	46.1	6.7	31.7	0.000	0.003
2943	15.0	98.5	5.5	17.3	-0.077	0.032
2996	12.5	33.4	5.2	8.8	0.004	0.040
2997	13.0	22.4	5.0	7.6	0.002	0.064



Figure 1 : Monitoring Locations

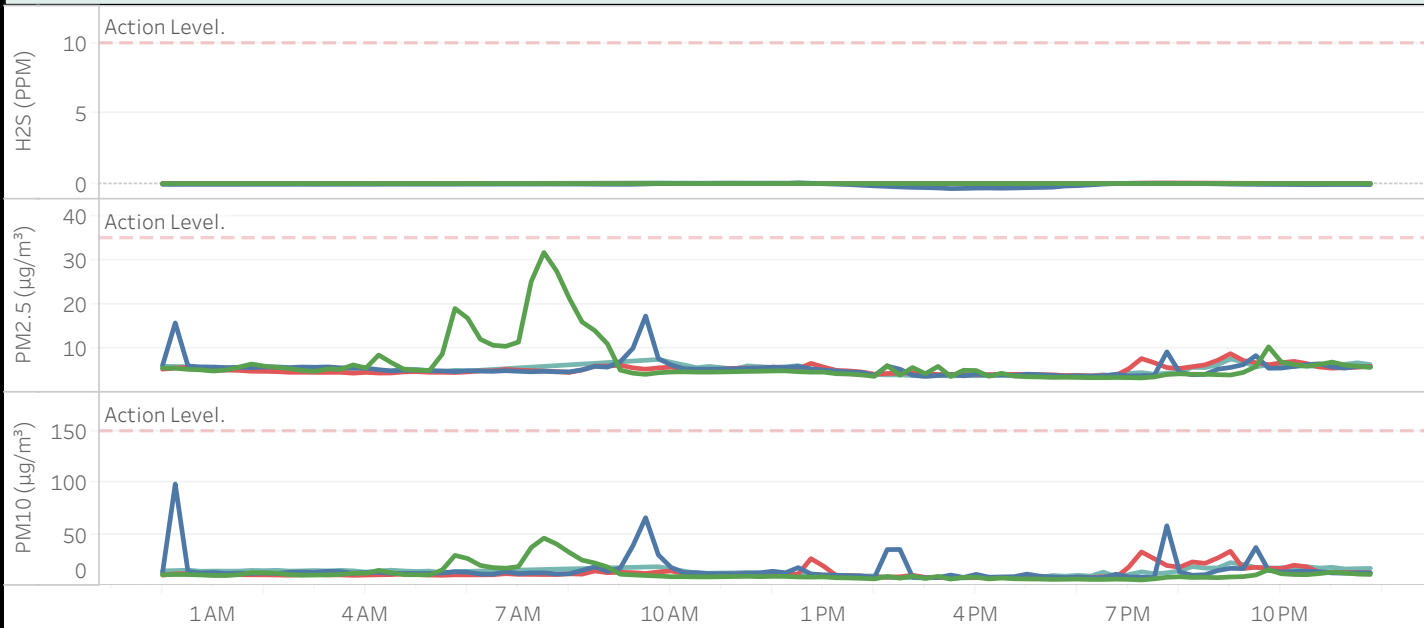


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

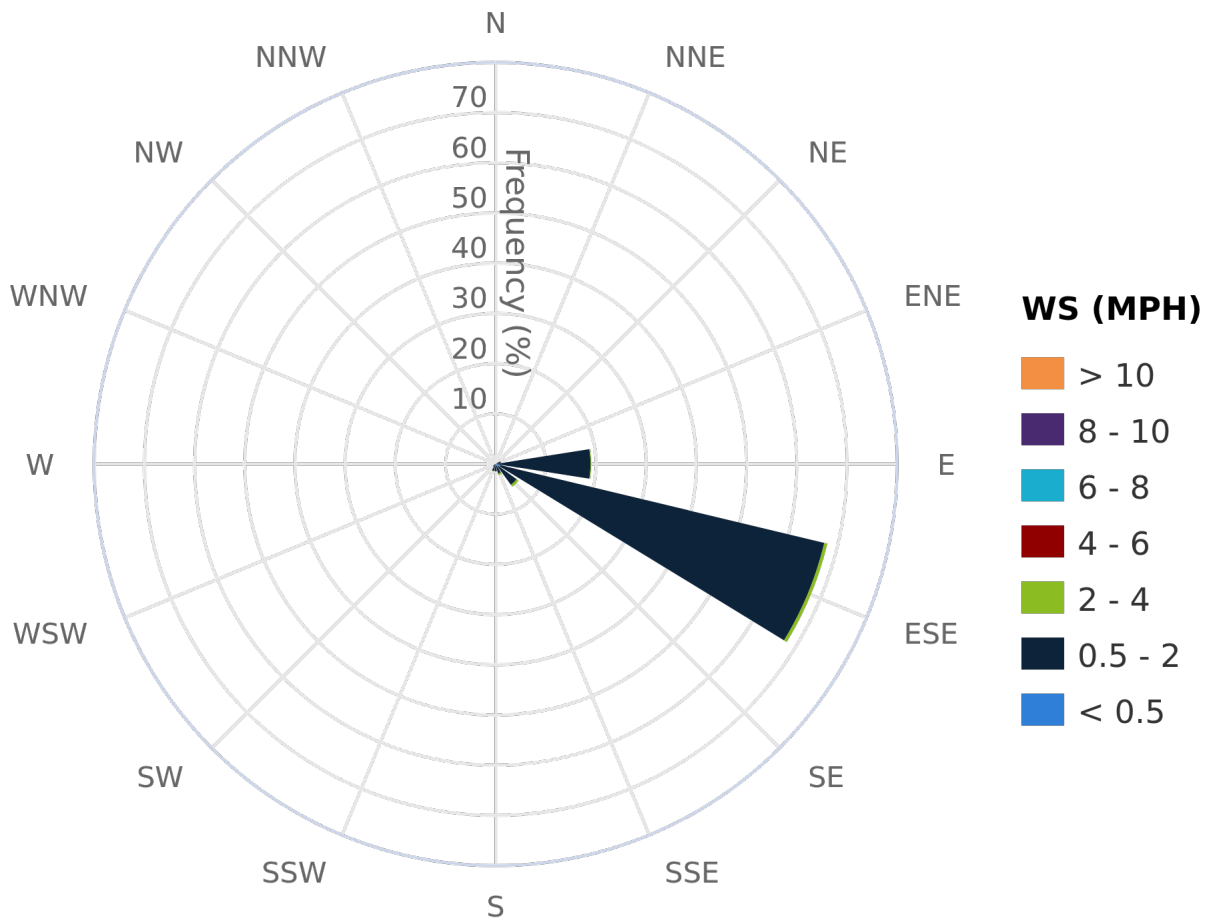


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

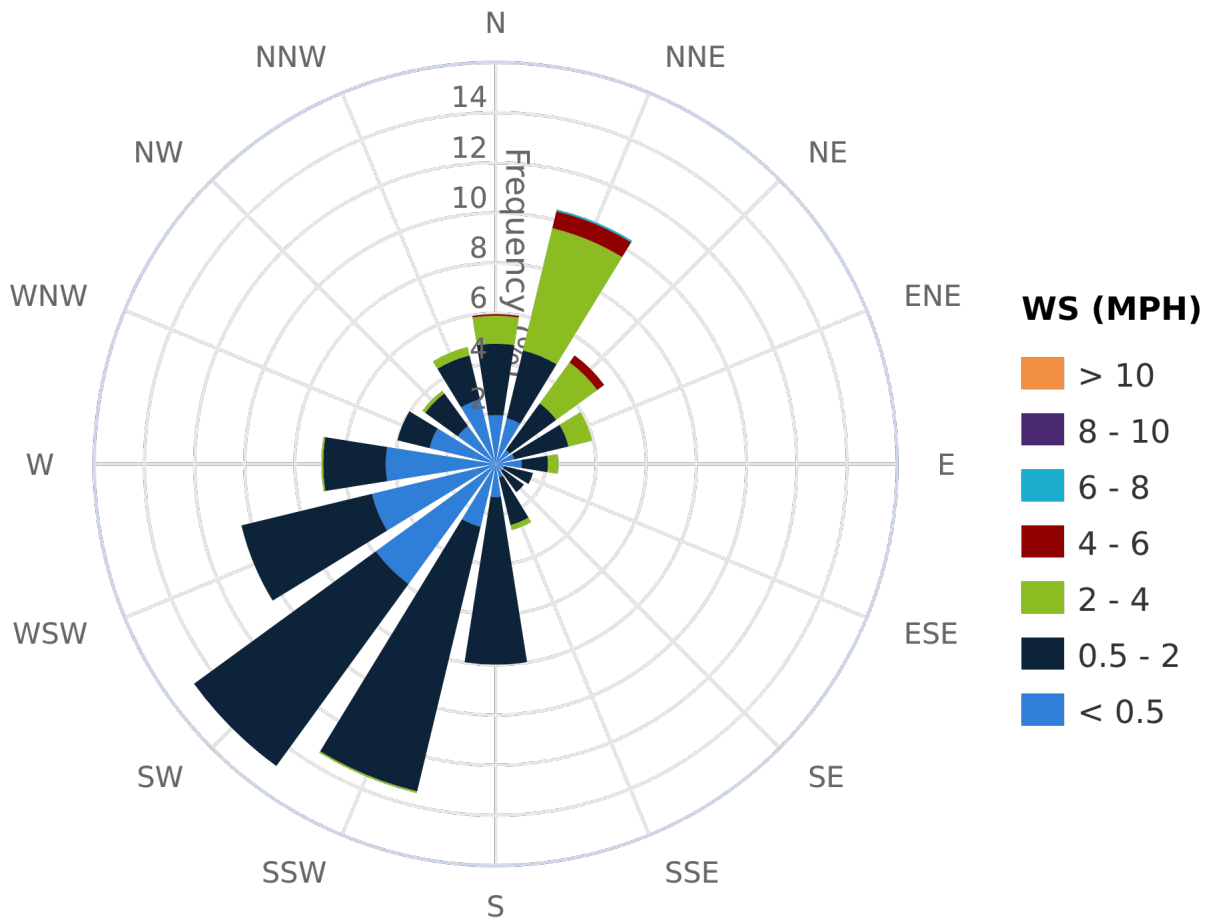


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

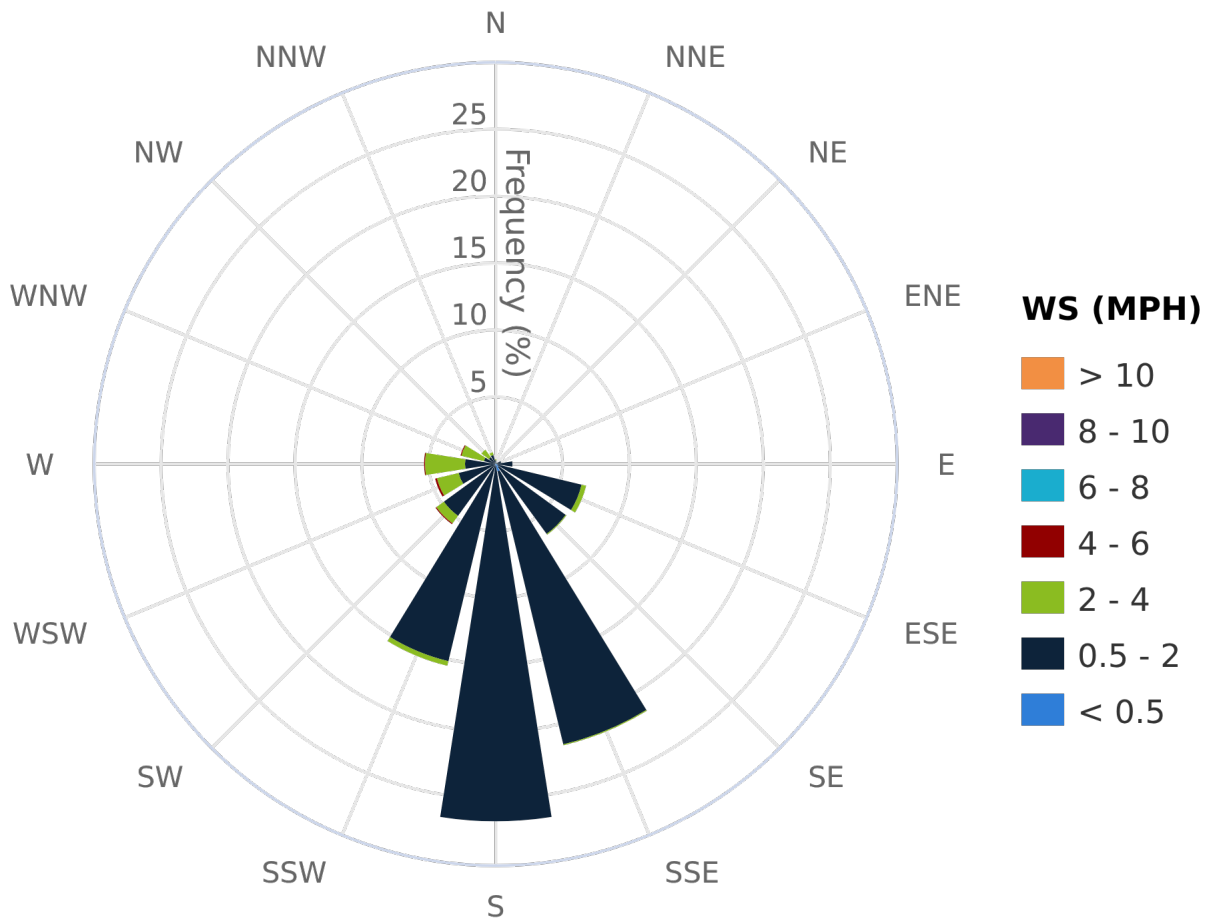


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

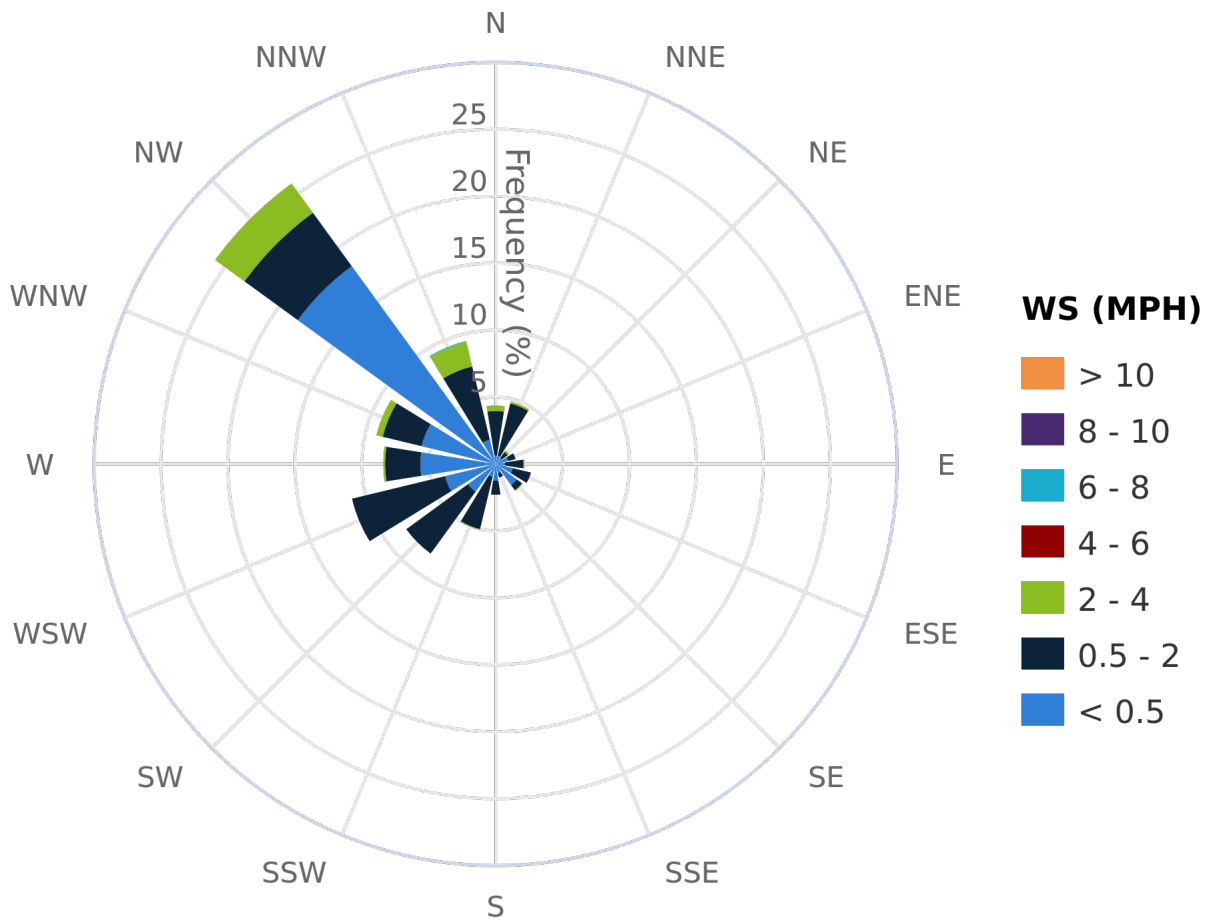


Figure 3 : Wind Rose Chart (WS in MPH)



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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	12.5	10.7	14.4	10.3	6.1	5.5	5.3	6.0	-0.059	0.000	0.004	0.000
00:15:00	98.5	10.9	14.7	11.5	15.8	5.5	5.6	5.9	-0.060	0.000	0.003	0.000
00:30:00	13.8	10.9	15.2	11.9	6.0	5.3	5.8	5.8	-0.058	0.000	0.004	0.000
00:45:00	12.4	10.5	14.0	11.0	5.8	5.1	5.2	5.6	-0.059	0.000	0.001	0.000
01:00:00	12.9	10.0	14.2	10.4	5.8	4.9	5.1	5.4	-0.059	0.000	0.004	0.000
01:15:00	11.8	9.9	14.2	10.7	5.7	5.1	5.1	5.3	-0.059	0.000	0.001	0.000
01:30:00	12.2	10.8	14.2	10.8	5.7	5.8	5.0	5.3	-0.059	0.000	0.000	0.000
01:45:00	12.0	12.7	14.9	10.6	5.7	6.5	4.8	5.3	-0.057	0.000	0.001	0.000
02:00:00	12.4	12.5	14.6	10.6	5.8	6.0	4.8	5.4	-0.056	0.000	0.000	0.000
02:15:00	11.9	12.1	15.0	10.4	5.8	5.7	4.7	5.3	-0.057	0.000	0.000	0.000
02:30:00	13.1	10.8	14.2	10.2	5.7	5.4	4.6	5.3	-0.057	0.001	0.000	0.000
02:45:00	13.4	10.2	14.4	10.7	5.8	5.0	4.6	5.2	-0.056	0.000	0.000	0.000
03:00:00	13.0	10.4	14.8	11.1	5.7	4.8	4.6	4.8	-0.057	0.000	0.000	0.000
03:15:00	14.1	10.5	14.3	10.6	5.8	5.3	4.6	5.1	-0.054	0.000	0.000	0.000
03:30:00	13.7	11.0	15.0	10.6	5.6	5.3	4.6	4.7	-0.053	0.001	0.000	0.000
03:45:00	12.2	12.2	14.4	10.1	5.6	6.3	4.4	4.8	-0.051	0.001	0.000	0.000
04:00:00	12.9	12.1	13.3	10.4	5.5	5.6	4.6	4.7	-0.051	0.000	0.000	0.000
04:15:00	13.1	14.9	14.3	10.6	5.2	8.5	4.4	4.7	-0.050	0.000	0.000	0.000
04:30:00	12.1	12.5	15.1	10.8	4.9	6.8	4.4	4.9	-0.045	0.001	0.000	0.000
04:45:00	11.9	10.8	14.3	11.5	5.1	5.3	4.7	5.3	-0.045	0.000	0.000	0.000
05:00:00	12.0	10.7	13.9	10.9	5.1	5.1	4.7	5.2	-0.045	0.001	0.000	0.000
05:15:00	12.0	10.5	14.2	10.4	4.9	5.0	4.6	5.0	-0.045	0.000	0.000	0.000
05:30:00	12.5	15.3	12.2	10.2	4.9	8.7	4.6	4.7	-0.045	-0.001	0.000	0.000
05:45:00	13.6	29.4	13.8	10.6	4.8	19.0	4.5	5.1	-0.045	0.000	0.000	0.000
06:00:00	13.2	26.4	14.0	10.5	5.0	16.8	4.7	4.9	-0.042	0.000	0.000	0.000
06:15:00	11.3	19.7		10.6	4.9	12.1	4.9		-0.042	0.001	0.000	
06:30:00	11.2	17.6		10.7	4.8	10.7	4.9		-0.040	0.000	0.000	
06:45:00	13.6	17.0		11.7	5.0	10.5	5.2		-0.039	0.000	0.000	
07:00:00	11.8	18.5		11.0	4.8	11.4	5.1		-0.040	0.000	0.000	
07:15:00	12.4	37.1		11.0	4.7	25.1	5.0		-0.038	0.001	0.000	
07:30:00	12.5	46.1		10.9	4.8	31.7	4.9		-0.036	0.001	0.000	
07:45:00	11.4	40.4		10.9	4.7	27.5	4.7		-0.037	0.001	0.000	
08:00:00	11.7	32.3		11.6	4.7	21.3	4.6		-0.039	0.000	0.000	
08:15:00	14.9	24.8		11.3	5.1	16.0	5.1		-0.040	0.000	0.000	
08:30:00	18.3	22.1		14.3	5.9	14.0	6.0		-0.046	0.001	0.000	
08:45:00	14.0	18.2		12.7	5.8	11.0	6.0		-0.052	0.001	0.000	
09:00:00	17.1	11.2		13.1	7.0	5.1	6.2		-0.056	0.002	0.000	
09:15:00	38.8	10.5		12.7	10.0	4.4	5.6		-0.051	0.002	0.000	
09:30:00	65.9	9.9		11.9	17.3	4.1	5.3		-0.029	0.003	0.000	
09:45:00	29.9	9.4	18.4	13.4	7.7	4.5	5.6	7.5	-0.008	0.002	0.000	0.042
10:00:00	17.7	8.8		14.4	6.2	4.7	5.8		0.004	0.000	0.000	
10:15:00	12.8	8.8		11.8	5.4	4.7	5.3		0.018	0.000	0.000	
10:30:00	12.8	8.6	12.1	10.4	5.3	4.6	5.0	5.6	0.021	0.000	0.000	0.017
10:45:00	11.8	8.6	12.2	10.8	5.3	4.6	5.1	5.9	0.026	0.000	0.000	0.000
11:00:00	11.8	8.8		11.1	5.3	4.7	5.3		0.030	0.000	0.000	
11:15:00	11.6	8.9	12.5	11.3	5.4	4.7	5.5	5.3	0.032	0.000	0.000	0.013
11:30:00	11.9	9.1	13.0	11.6	5.5	4.8	5.5	6.1	0.029	-0.001	0.000	0.000
11:45:00	12.6	8.8	12.4	11.3	5.6	4.8	5.5	5.9	0.026	0.000	0.000	0.000



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12:00:00	14.1	9.1	11.7	12.1	5.7	4.9	5.8	5.7	0.029	0.000	0.000	0.000
12:15:00	12.6	9.0	11.9	11.2	5.7	4.9	5.6	5.8	0.026	0.000	0.000	0.000
12:30:00	17.6	8.5	11.1	11.2	5.9	4.7	5.4	6.1	0.024	-0.001	0.000	0.064
12:45:00	11.5	8.4	10.4	26.3	5.4	4.6	6.6	5.2	0.014	-0.001	0.000	0.017
13:00:00	10.6	8.6	9.9	19.0	5.1	4.6	5.8	5.0	-0.016	-0.001	0.000	0.013
13:15:00	10.3	7.8	9.6	9.8	4.9	4.3	5.0	4.8	-0.043	-0.001	0.000	0.006
13:30:00	9.8	7.6	9.6	9.9	4.7	4.2	4.9	4.8	-0.073	0.000	0.000	0.000
13:45:00	9.6	7.2	9.3	9.3	4.6	4.0	4.7	4.6	-0.120	0.000	0.000	0.000
14:00:00	8.0	6.7	9.7	8.0	3.9	3.7	4.1	4.1	-0.165	0.000	0.000	0.000
14:15:00	35.0	9.1	7.9	8.4	6.0	6.1	4.3	4.0	-0.202	0.000	0.000	0.000
14:30:00	35.1	7.4	7.9	8.7	5.3	3.9	4.4	4.0	-0.243	0.000	0.000	0.000
14:45:00	8.2	9.3	8.1	10.2	3.9	5.7	4.5	3.9	-0.272	0.000	0.000	0.000
15:00:00	7.7	7.2	7.4	8.1	3.7	4.3	4.2	3.7	-0.288	0.000	0.000	0.000
15:15:00	8.1	9.1	8.1	8.0	3.9	5.9	4.1	3.9	-0.315	0.000	0.000	0.000
15:30:00	10.4	6.5	7.2	8.2	4.1	3.7	4.1	3.7	-0.360	0.000	0.000	0.000
15:45:00	8.1	8.2	7.6	8.1	3.8	5.1	4.1	3.9	-0.345	0.000	0.000	0.000
16:00:00	11.0	8.2	7.8	7.9	4.2	5.0	4.0	3.8	-0.323	0.001	0.000	0.000
16:15:00	8.3	6.6	8.0	8.0	3.9	3.7	4.1	3.9	-0.319	0.000	0.000	0.000
16:30:00	8.6	7.5	7.9	8.2	4.0	4.4	4.1	3.9	-0.333	0.000	0.000	0.000
16:45:00	8.8	6.8	7.6	8.0	3.9	3.7	4.1	3.8	-0.316	0.000	0.000	0.000
17:00:00	11.3	6.6	7.7	7.8	4.2	3.6	4.1	3.9	-0.294	0.000	0.000	0.000
17:15:00	9.3	6.5	7.9	8.4	4.1	3.5	4.1	3.8	-0.278	0.000	0.000	0.000
17:30:00	8.4	6.2	9.9	7.9	3.9	3.4	4.0	4.0	-0.261	0.000	0.000	0.000
17:45:00	8.0	6.3	9.3	7.3	3.7	3.5	3.8	3.9	-0.175	0.000	0.000	0.000
18:00:00	8.5	6.5	10.1	8.4	3.8	3.4	3.9	3.9	-0.146	0.000	0.000	0.003
18:15:00	7.8	6.2	9.4	7.8	3.7	3.4	3.8	3.8	-0.096	0.000	0.000	0.006
18:30:00	8.0	6.1	13.2	8.8	3.8	3.4	3.8	4.0	-0.040	0.000	0.000	0.011
18:45:00	11.2	6.4	8.7	8.1	4.2	3.4	3.9	3.7	-0.004	0.000	0.000	0.008
19:00:00	8.5	6.2	10.8	18.1	3.8	3.4	5.4	4.3	0.016	0.000	0.016	0.007
19:15:00	8.3	5.6	13.5	32.8	3.9	3.3	7.7	4.5	0.019	0.001	0.027	0.005
19:30:00	8.0	6.7	11.7	26.2	3.9	3.5	6.8	4.2	0.021	0.000	0.035	0.001
19:45:00	58.1	8.2	12.5	19.6	9.2	4.1	5.7	4.4	0.018	0.000	0.040	0.000
20:00:00	13.3	8.8	14.4	18.0	4.6	4.3	5.5	4.7	0.011	0.001	0.040	0.000
20:15:00	10.2	8.0	18.6	23.1	4.0	4.2	5.9	5.7	0.000	0.001	0.037	0.000
20:30:00	10.7	8.2	17.1	21.7	4.1	4.2	6.3	5.7	-0.009	0.001	0.032	0.000
20:45:00	14.8	7.9	17.3	26.9	5.3	4.1	7.3	6.3	-0.023	0.000	0.027	0.000
21:00:00	16.9	8.5	22.4	33.4	5.7	4.0	8.8	7.6	-0.040	0.000	0.021	0.000
21:15:00	16.6	8.9	20.7	16.8	6.3	4.6	7.3	7.0	-0.049	0.000	0.016	0.000
21:30:00	37.1	10.5	17.6	17.9	8.4	5.9	6.8	5.8	-0.058	0.000	0.014	0.000
21:45:00	14.9	15.6	16.9	17.1	5.5	10.4	6.3	6.3	-0.062	0.000	0.010	0.000
22:00:00	13.3	11.7	17.4	16.7	5.6	6.9	6.7	6.1	-0.066	0.000	0.005	0.000
22:15:00	13.9	10.9	17.7	19.9	5.9	6.4	7.1	5.9	-0.073	0.001	0.004	0.000
22:30:00	14.2	10.7	18.4	18.4	6.3	6.0	6.6	6.1	-0.074	0.000	0.002	0.000
22:45:00	13.6	11.8	17.2	12.9	6.5	6.4	5.8	5.9	-0.074	0.000	0.001	0.000
23:00:00	12.5	13.2	17.8	12.7	5.8	6.9	5.5	6.2	-0.071	0.000	0.000	0.000
23:15:00	12.2	12.3	16.2	12.8	5.5	6.2	5.6	6.4	-0.072	0.000	0.000	0.000
23:30:00	12.5	11.3	16.6	12.6	5.9	6.0	5.7	6.7	-0.071	0.000	0.000	0.000
23:45:00	12.5	11.0	16.8	12.5	5.8	5.7	5.9	6.3	-0.074	0.000	0.000	0.000



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