



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-21

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.08000 Max : 20.89	2943 ESE	2693 SW	2996 SSW	2997 NW	Min : 55.76 Max : 95.18	Min : 43.90 Max : 98.20	Min : 27.58 Max : 30.21

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	10.3	60.6	4.0	14.0	0.000	0.001
2943	13.2	24.2	4.2	5.2	-0.042	0.046
2996	12.8	42.5	4.9	32.3	0.001	0.018
2997	18.2	31.1	4.8	6.3	0.002	0.030



Figure 1 : Monitoring Locations

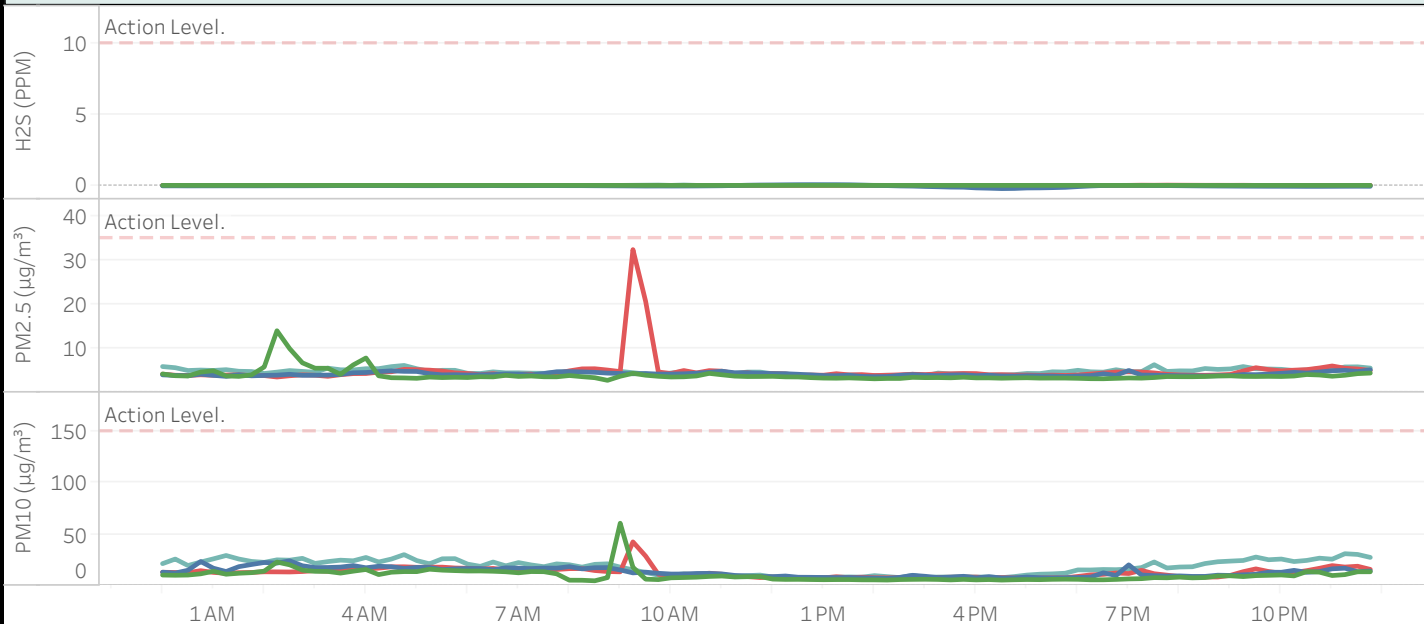


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

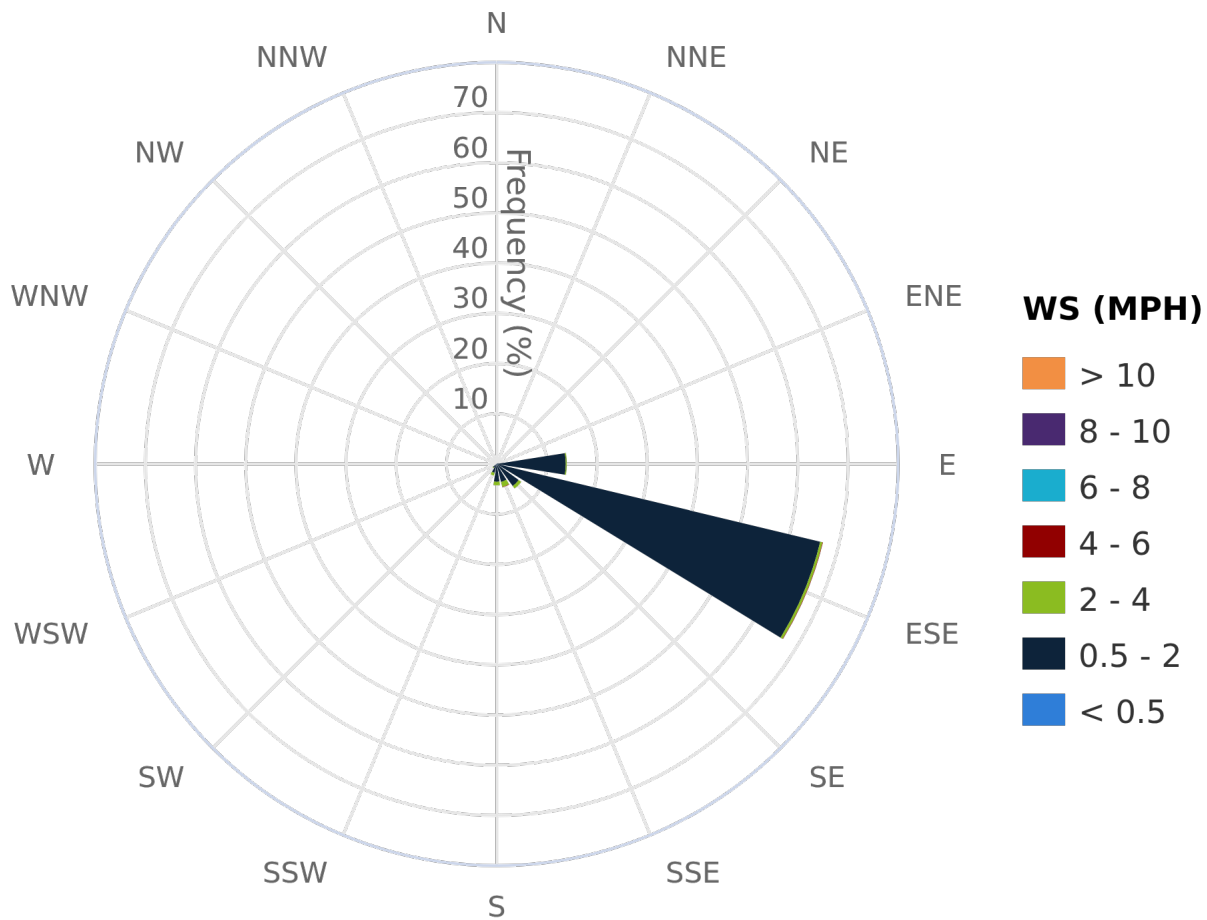


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

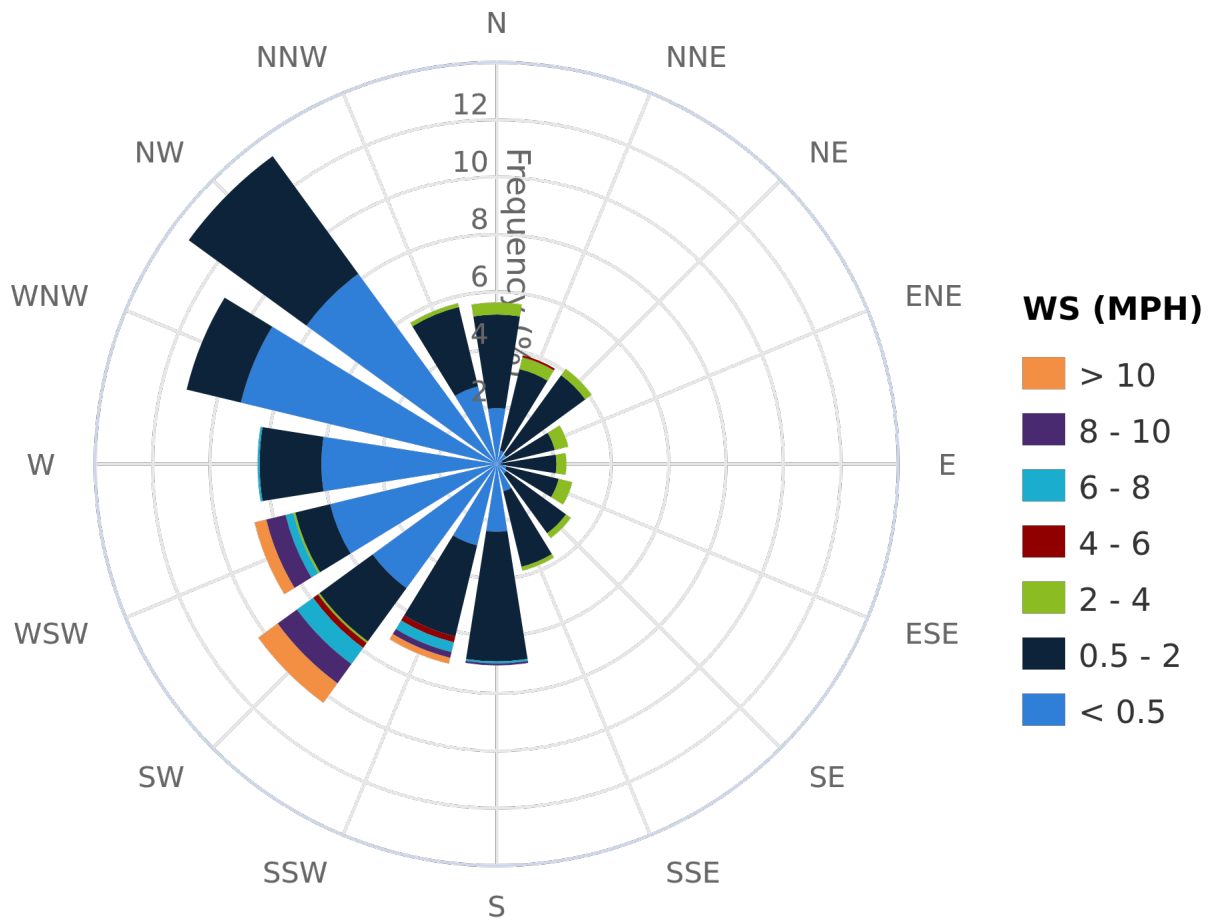


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

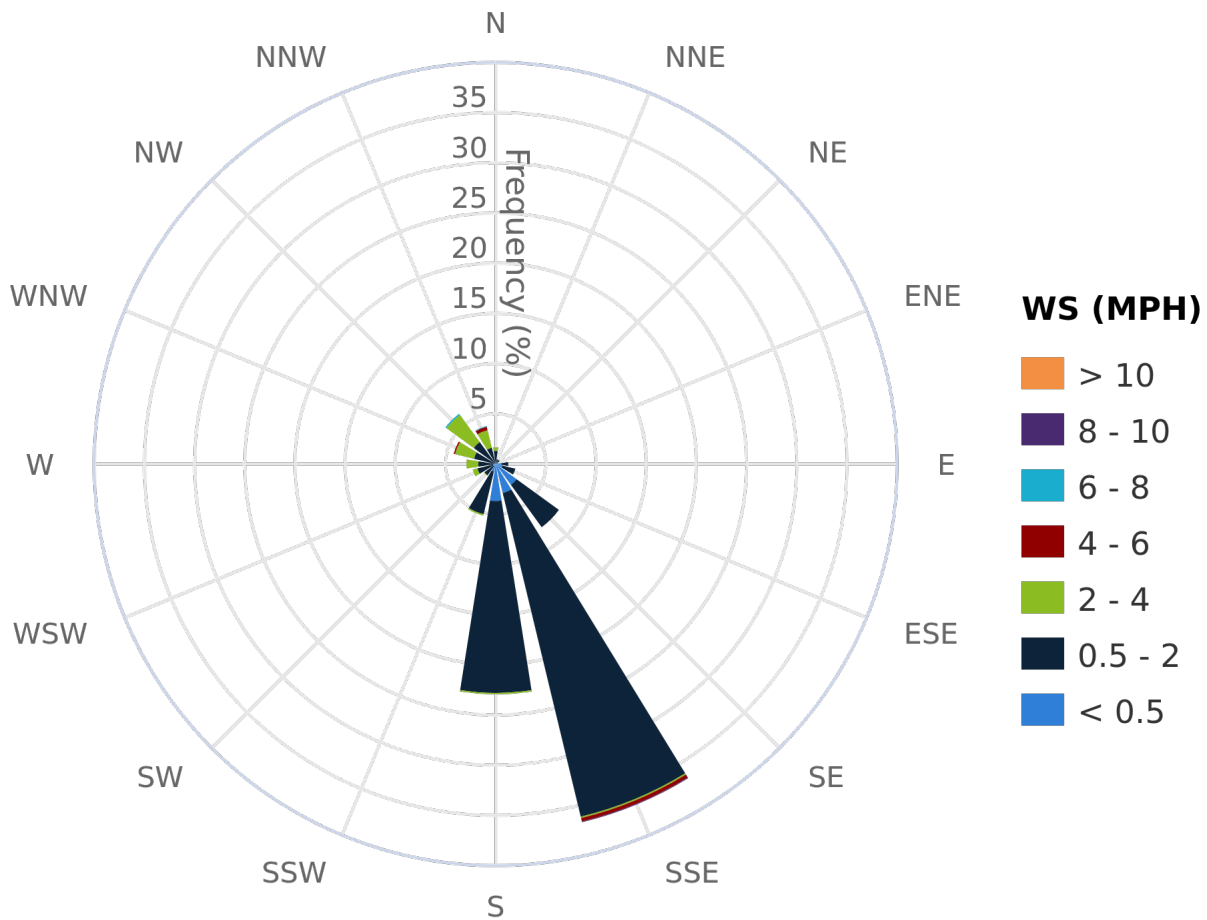


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

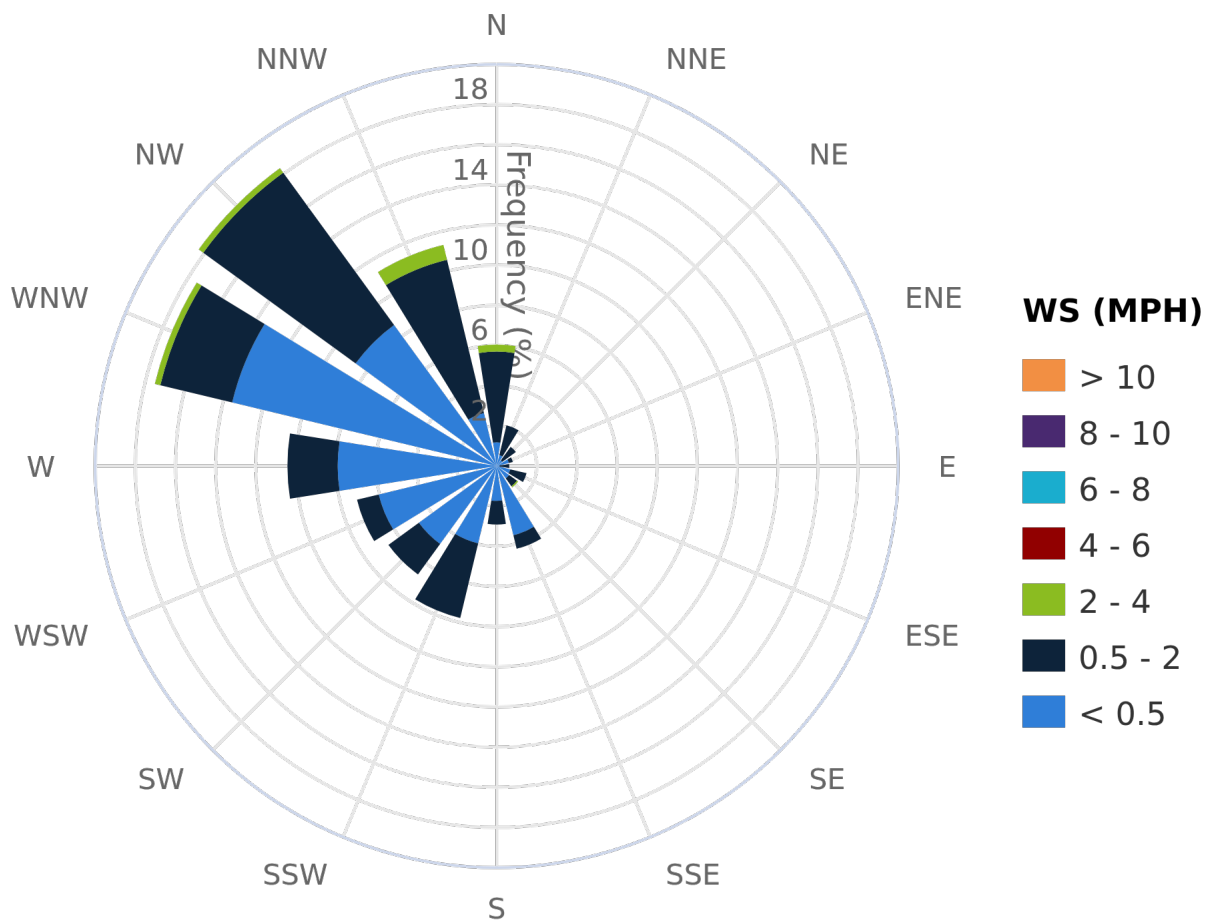


Figure 3 : Wind Rose Chart (WS in MPH)



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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	13.2	10.4	21.4	13.1	4.0	4.2	4.2	5.9	-0.036	0.000	0.000	0.000
00:15:00	12.3	10.2	25.9	12.9	3.9	3.8	3.9	5.6	-0.034	-0.001	0.000	0.000
00:30:00	15.0	10.4	19.6	12.7	3.8	3.8	3.9	5.0	-0.037	0.000	0.000	0.000
00:45:00	23.5	11.5	23.0	14.6	4.2	4.7	4.0	5.1	-0.035	0.000	0.000	0.000
01:00:00	17.0	14.0	26.1	12.9	3.9	5.0	3.9	5.0	-0.035	0.000	0.000	0.000
01:15:00	13.8	11.2	29.3	12.1	3.7	3.8	4.0	5.2	-0.033	0.000	0.000	0.000
01:30:00	18.5	12.1	25.9	12.7	4.0	3.7	4.0	4.8	-0.033	0.000	0.000	0.000
01:45:00	20.6	12.7	23.6	12.9	3.8	4.0	3.9	4.8	-0.033	0.000	0.000	0.000
02:00:00	22.5	14.2	22.7	13.5	3.9	5.8	3.9	4.3	-0.033	0.001	0.000	0.000
02:15:00	22.0	23.0	25.1	13.5	4.0	14.0	3.5	4.6	-0.029	0.001	0.000	0.000
02:30:00	24.2	20.3	24.8	13.4	4.1	9.9	3.8	5.0	-0.029	0.001	0.000	0.000
02:45:00	19.4	15.1	26.6	13.8	3.9	6.7	4.0	4.8	-0.029	0.000	0.000	0.000
03:00:00	17.6	14.0	21.7	14.7	3.9	5.5	3.9	4.6	-0.025	0.000	0.000	0.000
03:15:00	17.7	13.9	23.4	14.0	4.0	5.5	3.7	5.5	-0.023	0.000	0.000	0.000
03:30:00	18.1	12.3	24.8	15.4	4.1	4.1	4.1	5.2	-0.017	0.000	0.000	0.000
03:45:00	19.6	14.1	24.2	16.4	4.5	6.3	4.3	5.1	-0.016	0.000	0.000	0.000
04:00:00	17.4	15.8	27.4	16.2	4.6	7.8	4.3	5.4	-0.016	0.001	0.000	0.000
04:15:00	18.9	10.8	23.0	17.1	4.8	3.8	4.6	5.4	-0.018	0.001	0.000	0.000
04:30:00	18.4	13.1	25.9	18.3	4.9	3.4	4.7	5.9	-0.019	0.000	0.000	0.000
04:45:00	16.8	13.7	30.2	18.4	4.8	3.3	5.3	6.1	-0.021	0.000	0.000	0.000
05:00:00	17.8	13.7	24.4	17.9	4.8	3.2	5.2	5.4	-0.023	0.000	0.000	0.000
05:15:00	17.7	16.0	21.3	18.0	4.3	3.5	5.1	4.8	-0.024	0.000	0.000	0.000
05:30:00	15.7	15.1	26.1	18.0	4.0	3.4	4.9	5.1	-0.022	0.000	0.000	0.000
05:45:00	16.4	14.7	26.3	17.2	4.1	3.5	4.5	5.0	-0.022	0.000	0.000	0.000
06:00:00	16.7	14.3	21.0	16.9	4.0	3.4	4.3	4.4	-0.022	0.000	0.000	0.000
06:15:00	16.7	14.3	18.8	16.2	4.0	3.6	4.0	4.3	-0.022	0.000	0.000	0.000
06:30:00	15.5	14.0	23.0	16.8	4.1	3.6	4.3	4.7	-0.019	0.000	0.000	0.000
06:45:00	17.4	13.6	19.3	15.2	4.2	3.9	4.0	4.5	-0.022	0.000	0.000	0.000
07:00:00	17.1	12.5	22.5	15.9	4.2	3.7	4.2	4.5	-0.022	0.001	0.000	0.000
07:15:00	16.7	13.7	20.2	16.1	4.0	3.8	4.2	4.4	-0.021	0.000	0.000	0.000
07:30:00	17.2	13.6	18.5	14.6	4.3	3.6	3.7	4.4	-0.018	0.000	0.000	0.000
07:45:00	17.1	11.6	21.2	15.8	4.7	3.6	4.3	4.6	-0.019	0.000	0.000	0.000
08:00:00	18.5	5.4	20.3	16.6	4.8	3.9	4.9	4.7	-0.022	0.001	0.000	0.000
08:15:00	16.4	5.3	18.0	16.7	4.7	3.6	5.4	4.7	-0.022	0.001	0.000	0.000
08:30:00	17.5	4.8	20.8	14.8	4.6	3.4	5.4	4.8	-0.028	0.000	0.000	0.000
08:45:00	17.6	7.9	21.3	13.8	4.4	2.8	5.1	4.8	-0.033	0.000	0.000	0.000
09:00:00	15.3	60.6	18.1	13.5	4.3	3.7	4.8	4.8	-0.037	0.000	0.000	0.000
09:15:00	12.5	17.9		42.5	4.3	4.4	32.3		-0.042	0.001	0.000	
09:30:00	13.2	6.4		28.7	4.3	3.9	20.6		-0.048	0.000	0.000	
09:45:00	12.1	6.0	10.3	11.0	4.2	3.7	4.7	3.9	-0.046	0.000	0.000	0.021
10:00:00	11.4	7.7	10.3	10.3	4.2	3.5	4.3	4.4	-0.047	0.001	0.000	0.000
10:15:00	11.4	8.0	11.5	11.1	4.3	3.6	5.0	4.8	-0.046	0.001	0.000	0.025
10:30:00	11.9	8.3	10.6	11.1	4.4	3.8	4.5	4.3	-0.042	0.000	0.000	0.000
10:45:00	12.0	9.0	11.0	12.2	4.6	4.4	5.0	4.6	-0.035	0.000	0.000	0.000
11:00:00	11.5	9.4	10.7	11.2	4.8	4.0	4.9	4.7	-0.028	-0.001	0.000	0.000
11:15:00	10.0	8.5	9.0	8.8	4.5	3.7	4.3	4.4	-0.010	0.000	0.000	0.000
11:30:00	9.5	8.8	9.8	8.9	4.5	3.6	4.5	4.7	0.012	0.001	0.000	0.000
11:45:00	9.1	8.9	10.4	7.9	4.4	3.7	4.1	4.6	0.025	0.000	0.000	0.000



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12:00:00	8.9	6.5	8.5	8.4	4.3	3.7	4.3	4.3	0.030	0.000	0.000	0.004
12:15:00	9.5	6.1	8.1	8.0	4.3	3.6	4.2	4.2	0.038	-0.001	0.000	0.010
12:30:00	8.3	6.2	7.9	7.4	4.2	3.5	3.9	3.9	0.044	0.000	0.000	0.018
12:45:00	8.2	6.0	7.9	7.7	4.0	3.4	4.0	4.0	0.046	0.000	0.000	0.021
13:00:00	8.1	5.9	8.0	7.7	3.9	3.3	3.9	3.8	0.041	0.000	0.000	0.030
13:15:00	8.0	6.0	8.4	8.7	3.8	3.3	4.3	3.9	0.041	0.000	0.000	0.028
13:30:00	8.0	6.0	8.6	7.9	3.9	3.3	4.0	4.0	0.034	0.001	0.000	0.024
13:45:00	7.7	5.7	8.3	8.3	3.7	3.2	4.1	3.9	0.016	0.000	0.000	0.014
14:00:00	7.4	5.7	9.8	7.8	3.6	3.1	3.9	3.9	-0.002	0.000	0.000	0.004
14:15:00	7.1	5.5	8.9	7.7	3.6	3.2	3.9	3.9	-0.018	0.001	0.000	0.000
14:30:00	8.2	6.0	7.9	7.8	3.9	3.2	4.0	3.9	-0.041	0.001	0.000	0.000
14:45:00	10.1	6.2	10.2	8.1	4.1	3.4	4.2	4.2	-0.052	0.001	0.000	0.000
15:00:00	9.2	6.3	7.9	7.8	3.9	3.4	4.1	3.8	-0.078	0.000	0.000	0.000
15:15:00	8.0	6.1	8.5	8.1	3.8	3.4	4.2	4.4	-0.098	0.000	0.000	0.000
15:30:00	8.4	5.7	8.5	8.3	4.0	3.4	4.3	4.2	-0.122	0.000	0.000	0.000
15:45:00	9.2	6.2	8.8	8.3	4.0	3.5	4.3	4.3	-0.129	0.001	0.000	0.000
16:00:00	7.7	5.7	8.5	8.4	3.8	3.3	4.3	4.1	-0.178	0.001	0.000	0.000
16:15:00	8.8	6.0	8.5	7.6	3.9	3.3	4.0	4.0	-0.199	0.001	0.000	0.000
16:30:00	7.6	5.5	7.9	7.9	3.8	3.3	4.1	4.0	-0.226	0.001	0.000	0.000
16:45:00	7.7	5.8	8.9	7.6	3.7	3.3	4.0	4.1	-0.217	0.001	0.000	0.000
17:00:00	8.4	6.0	10.4	7.5	3.8	3.4	4.0	4.3	-0.182	0.000	0.000	0.000
17:15:00	7.8	5.9	11.2	7.6	3.8	3.3	3.9	4.3	-0.177	0.000	0.000	0.003
17:30:00	7.6	6.2	11.5	7.7	3.8	3.3	4.0	4.7	-0.160	0.000	0.000	0.001
17:45:00	7.8	6.4	12.2	7.7	3.7	3.3	3.9	4.7	-0.140	0.001	0.000	0.003
18:00:00	8.0	6.2	15.4	9.0	3.8	3.2	4.0	5.1	-0.087	0.000	0.000	0.002
18:15:00	8.4	5.8	15.3	10.5	3.9	3.2	4.2	4.7	-0.042	0.000	0.000	0.000
18:30:00	12.6	5.8	15.8	11.1	4.3	3.1	4.4	4.6	-0.010	0.000	0.000	0.000
18:45:00	9.9	6.1	15.6	12.4	3.9	3.2	4.7	5.2	-0.002	0.000	0.000	0.000
19:00:00	20.3	6.6	16.2	11.9	5.0	3.3	4.7	4.7	0.001	0.000	0.002	0.000
19:15:00	10.4	6.9	17.6	15.0	4.0	3.3	4.7	4.7	-0.003	0.000	0.015	0.000
19:30:00	9.8	7.9	23.1	11.7	3.9	3.4	4.5	6.3	-0.009	0.000	0.010	0.000
19:45:00	9.4	7.7	17.2	10.3	3.9	3.6	4.1	4.8	-0.017	0.000	0.018	0.000
20:00:00	9.6	8.4	18.2	8.8	3.8	3.6	4.0	4.9	-0.025	0.001	0.013	0.000
20:15:00	9.1	7.7	18.4	8.4	3.8	3.6	3.9	4.9	-0.034	0.001	0.009	0.000
20:30:00	9.1	7.9	21.5	8.4	3.8	3.6	3.9	5.4	-0.041	0.001	0.006	0.000
20:45:00	10.3	9.5	23.2	8.5	3.8	3.8	4.0	5.3	-0.048	-0.001	0.006	0.000
21:00:00	10.0	9.6	23.9	10.1	3.8	3.8	4.1	5.4	-0.052	0.000	0.005	0.000
21:15:00	10.6	8.9	24.5	13.6	4.1	3.7	4.9	5.9	-0.057	0.000	0.007	0.000
21:30:00	11.1	9.8	27.8	16.4	4.1	3.6	5.6	5.4	-0.061	0.000	0.000	0.000
21:45:00	13.1	10.1	25.2	13.8	4.2	3.7	5.2	5.3	-0.064	0.000	0.000	0.000
22:00:00	13.1	10.5	25.9	12.2	4.4	3.6	4.9	5.3	-0.065	0.000	0.000	0.000
22:15:00	14.9	9.5	23.5	12.8	4.6	3.8	5.1	5.0	-0.067	0.000	0.000	0.000
22:30:00	13.0	13.7	24.6	14.7	4.4	4.1	5.2	5.1	-0.071	0.000	0.000	0.000
22:45:00	13.8	13.2	26.7	16.9	4.7	4.0	5.6	5.4	-0.070	0.000	0.000	0.000
23:00:00	16.4	9.9	25.7	19.5	4.9	3.7	6.0	5.2	-0.067	0.000	0.000	0.000
23:15:00	17.0	10.8	31.1	18.1	5.0	3.9	5.5	5.8	-0.064	0.000	0.000	0.000
23:30:00	13.6	13.5	30.3	18.9	4.8	4.3	5.3	5.8	-0.062	0.000	0.000	0.000
23:45:00	14.3	13.6	27.5	15.9	5.2	4.4	5.0	5.6	-0.065	0.000	0.000	0.000



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