



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-21

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 10.133	2943 SE	3061 SSW	2996 ESE	2997 NW	Min : 74.84 Max : 99.68	Min : 52.00 Max : 95.90	Min : 29.87 Max : 30.53

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	45.1	59.9	18.2	25.5	0.003	0.045
2996	39.7	49.1	17.4	21.0	0.001	0.009
2997	52.9	89.9	16.7	22.6	0.011	0.071
3061	40.2	53.8	16.1	18.9	0.000	0.003

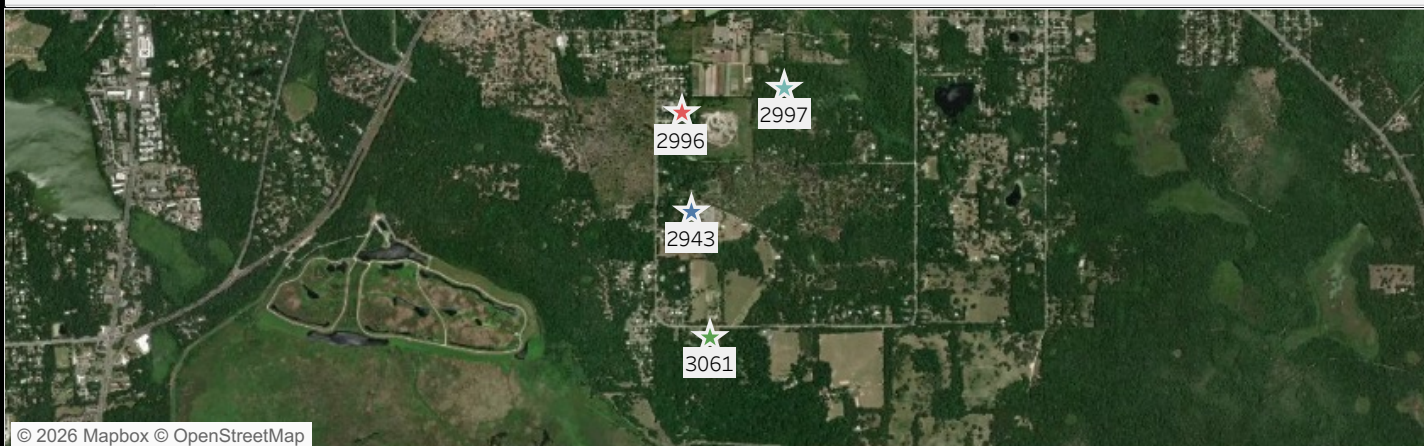


Figure 1 : Monitoring Locations

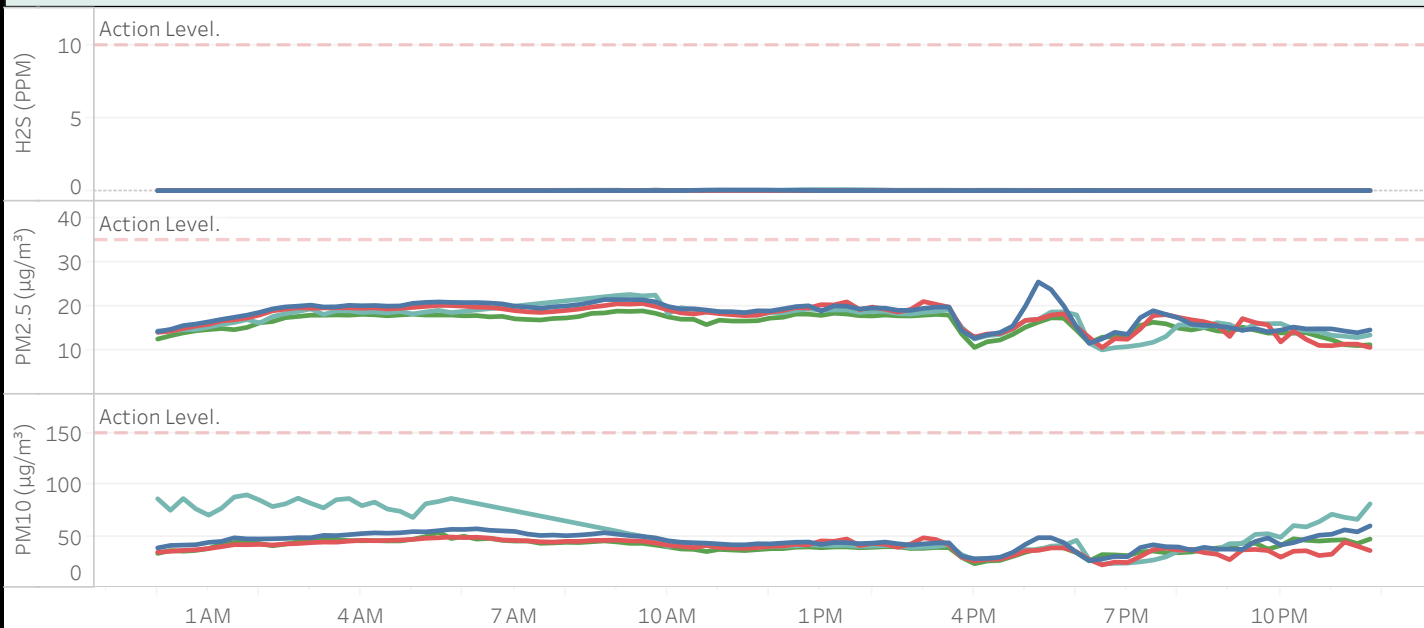


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3061



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Wind Rose Chart 2943

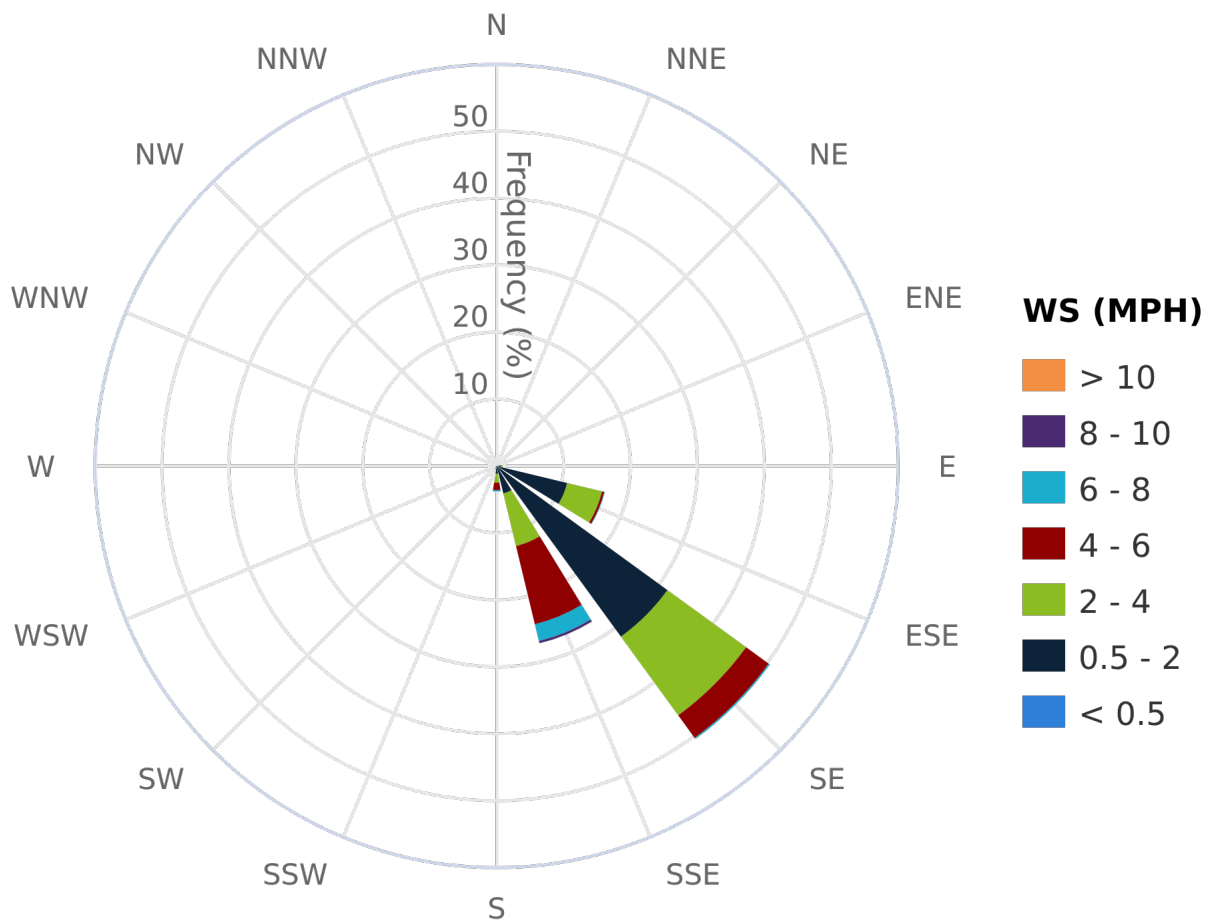


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

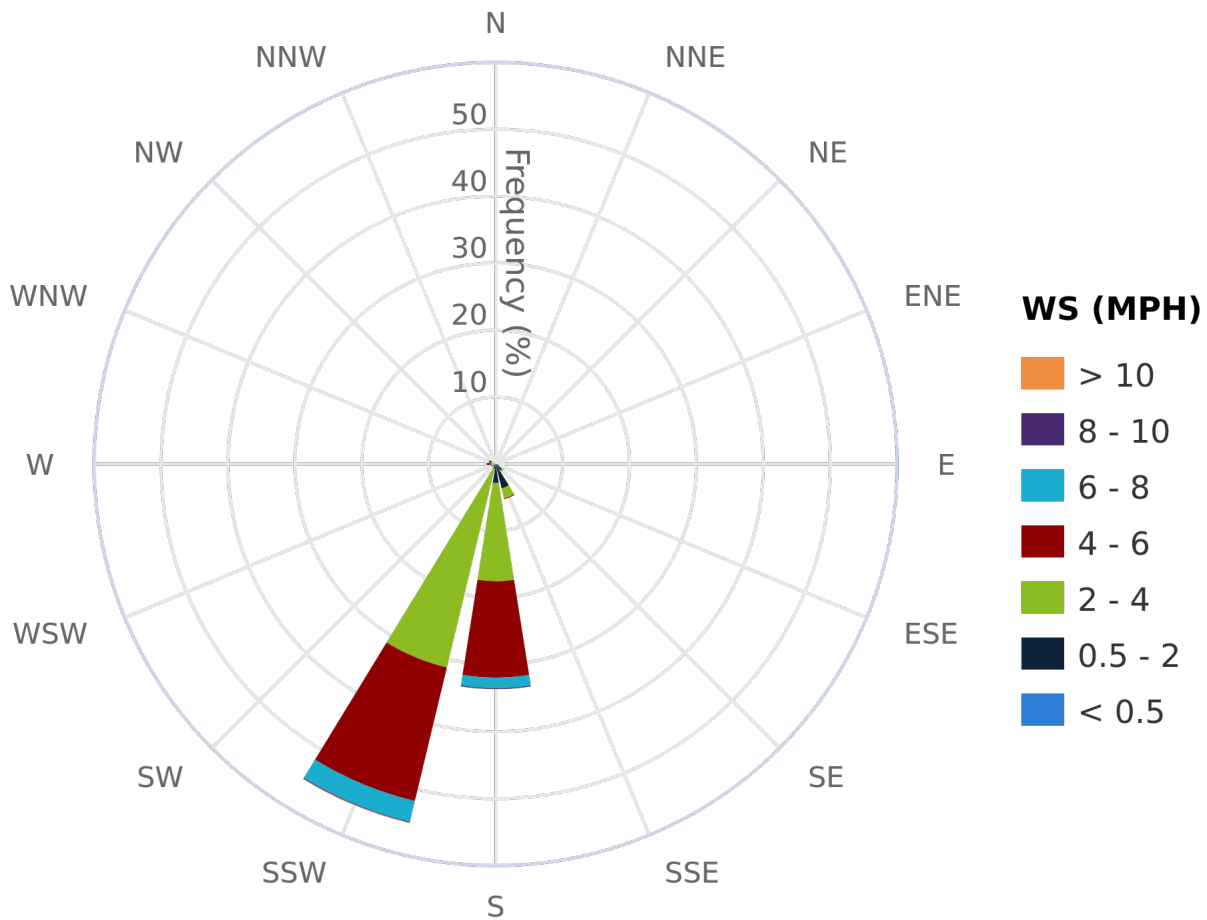


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

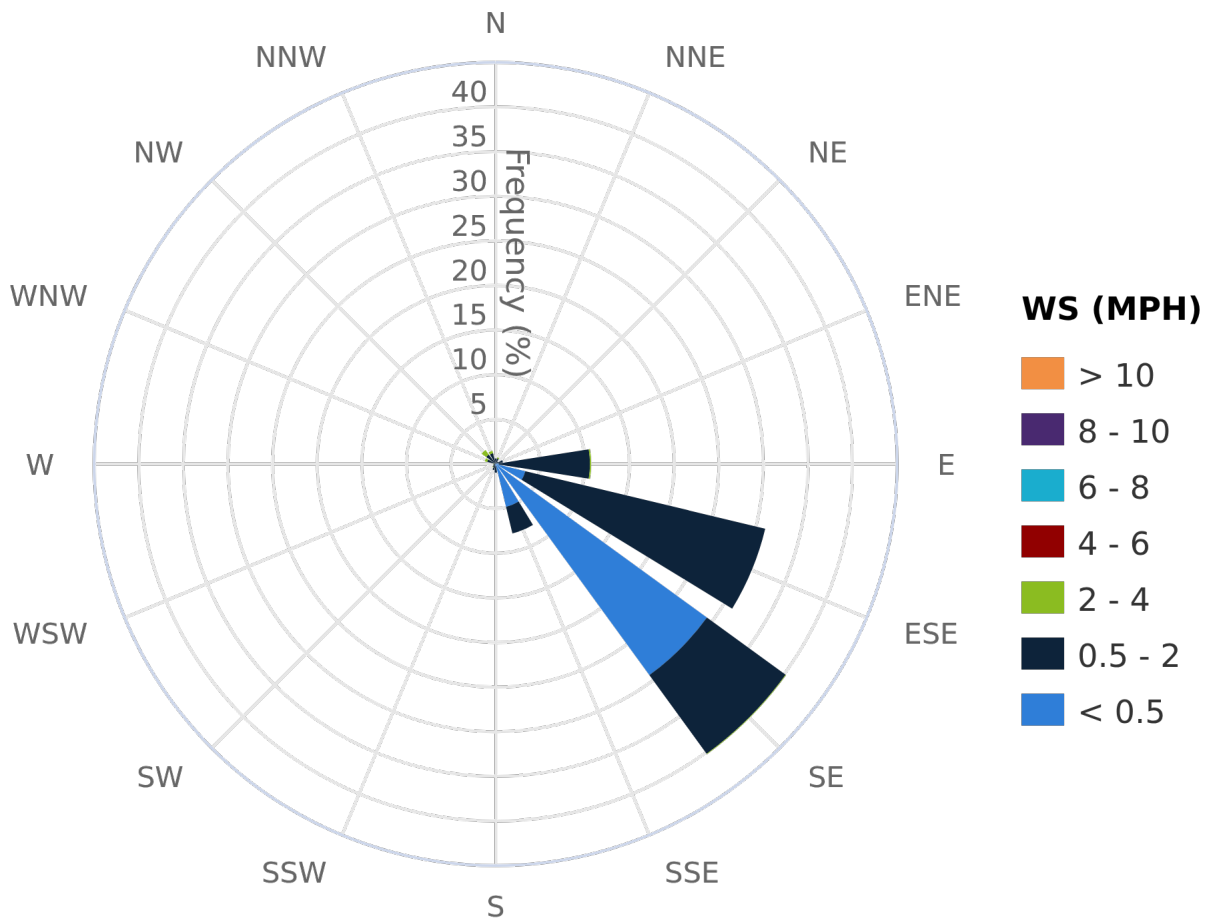


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

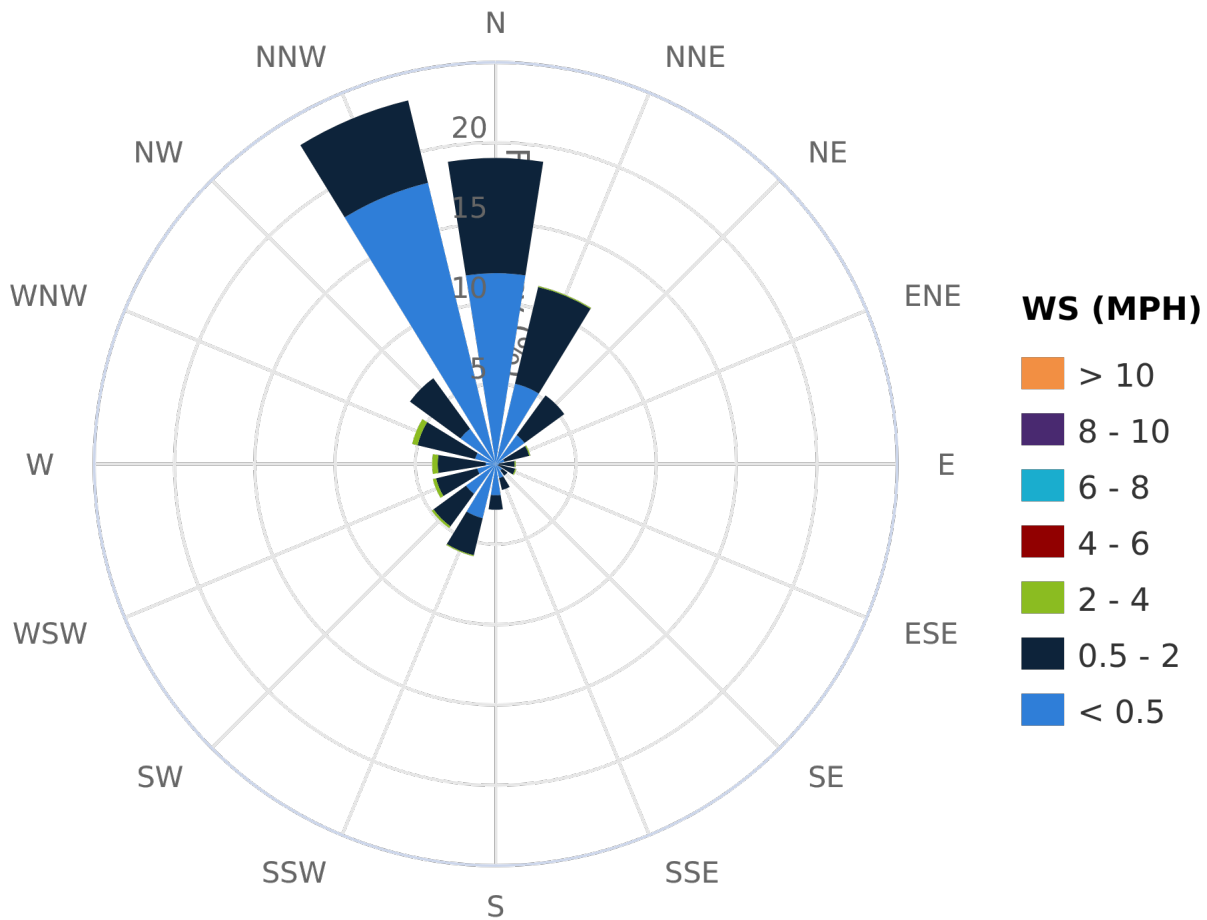


Figure 3 : Wind Rose Chart (WS in MPH)



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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	38.6	33.3	86.2	34.5	14.2	12.6	14.1	14.4	0.000	0.000	0.000	0.000
00:15:00	41.0	36.0	75.0	35.3	14.7	13.3	14.3	14.4	0.000	0.000	0.000	0.000
00:30:00	41.3	35.4	86.4	36.2	15.6	14.0	15.0	14.7	0.000	0.000	0.000	0.000
00:45:00	41.7	36.2	76.3	36.8	16.0	14.4	15.5	14.7	0.000	0.000	0.000	0.000
01:00:00	44.0	38.0	70.3	38.0	16.5	14.7	15.9	15.3	0.000	0.000	0.000	0.000
01:15:00	44.9	42.2	77.0	39.8	17.0	14.9	16.7	15.9	0.000	0.000	0.000	0.000
01:30:00	48.4	43.8	87.9	41.7	17.5	14.7	16.9	16.3	0.000	0.000	0.000	0.000
01:45:00	47.4	44.9	89.9	41.7	18.0	15.2	17.3	17.0	0.000	0.000	0.000	0.000
02:00:00	47.3	42.7	84.8	42.0	18.6	16.3	18.0	16.2	0.000	0.000	0.000	0.000
02:15:00	47.4	40.7	78.6	41.4	19.4	16.5	18.9	17.6	0.000	0.000	0.000	0.000
02:30:00	47.8	42.3	81.2	42.4	19.8	17.4	19.3	18.3	0.000	0.000	0.000	0.000
02:45:00	48.5	44.5	86.8	42.8	20.0	17.7	19.6	18.8	0.000	0.000	0.000	0.000
03:00:00	48.5	45.6	81.7	43.7	20.2	17.9	19.5	19.4	0.000	0.000	0.000	0.000
03:15:00	50.7	48.4	77.4	44.2	19.8	18.0	19.6	18.1	0.000	0.000	0.000	0.000
03:30:00	50.5	46.5	85.3	44.2	19.9	18.0	19.6	18.9	0.000	0.000	0.000	0.000
03:45:00	51.4	45.7	86.4	45.2	20.2	18.0	19.6	18.9	0.000	0.000	0.000	0.000
04:00:00	52.5	45.5	79.5	45.9	20.1	18.1	19.5	18.6	0.000	0.000	0.000	0.000
04:15:00	53.2	45.7	83.0	45.6	20.1	18.0	19.6	18.7	0.000	0.000	0.000	0.000
04:30:00	52.8	45.3	76.2	45.9	20.0	17.8	19.4	18.5	0.000	0.000	0.000	0.000
04:45:00	53.2	45.4	74.1	46.3	20.1	18.0	19.5	18.8	0.000	0.000	0.000	0.000
05:00:00	54.4	47.0	68.1	46.8	20.6	18.2	19.7	18.2	0.000	0.000	0.000	0.000
05:15:00	54.2	49.5	81.4	47.9	20.8	18.0	19.9	18.7	0.000	0.000	0.000	0.000
05:30:00	55.3	53.8	83.5	48.5	20.9	18.0	20.2	19.1	0.000	0.000	0.000	0.000
05:45:00	56.5	47.7	86.5	49.1	20.9	18.0	20.1	18.5	0.000	0.000	0.000	0.000
06:00:00	56.5	49.9		48.6	20.8	17.8	20.0		0.000	0.000	0.000	
06:15:00	57.1	47.1		48.9	20.8	17.9	19.8		0.000	0.000	0.000	
06:30:00	55.6	47.8		48.1	20.7	17.6	19.7		0.000	0.000	0.000	
06:45:00	55.1	45.9		46.3	20.5	17.7	19.4		0.000	0.000	0.000	
07:00:00	54.5	45.2		45.9	20.0	17.1	19.0		0.000	0.000	0.000	
07:15:00	52.0	45.3		45.5	19.8	17.0	18.7		0.000	0.000	0.000	
07:30:00	50.6	43.1		44.5	19.5	16.9	18.6		0.000	0.000	0.000	
07:45:00	51.0	43.4		44.2	19.9	17.2	18.8		0.000	0.000	0.000	
08:00:00	50.4	44.0		45.0	20.0	17.3	19.0		0.000	0.000	0.000	
08:15:00	51.0	43.8		44.9	20.4	17.6	19.3		0.000	0.000	0.000	
08:30:00	51.9	44.6		45.8	20.9	18.4	19.8		0.000	0.000	0.000	
08:45:00	53.3	45.4		46.0	21.5	18.5	20.1		0.000	0.000	0.000	
09:00:00	51.9	44.4	54.8	46.1	21.5	18.9	20.5	22.4	0.000	0.000	0.000	0.030
09:15:00	50.5	43.0	52.1	45.4	21.5	18.8	20.4	22.6	0.000	0.000	0.000	0.004
09:30:00	49.7	43.0	49.9	45.2	21.4	18.9	20.6	22.3	0.000	0.000	0.000	0.003
09:45:00	48.3	41.4	46.1	43.4	21.0	18.4	19.9	22.5	0.000	0.000	0.000	0.044
10:00:00	45.5	39.5	39.8	41.2	19.9	17.6	19.2	18.3	0.000	0.001	0.000	0.009
10:15:00	44.1	37.6	42.7	40.1	19.3	17.1	18.5	19.7	0.004	0.002	0.000	0.000
10:30:00	43.6	37.2	41.8	38.8	19.4	17.0	18.2	19.2	0.019	0.003	0.004	0.000
10:45:00	43.2	35.1	41.2	40.9	19.1	15.8	18.6	18.7	0.035	0.003	0.004	0.000
11:00:00	42.4	37.2	40.5	39.0	18.8	16.8	18.3	18.6	0.045	0.003	0.006	0.000
11:15:00	41.6	36.6	39.7	38.5	18.7	16.6	18.1	18.3	0.043	0.002	0.006	0.000
11:30:00	41.6	36.0	39.3	38.2	18.5	16.6	17.8	18.1	0.042	0.001	0.005	0.000
11:45:00	42.6	36.9	38.9	39.0	18.9	16.7	18.0	18.0	0.043	0.000	0.005	0.000



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12:00:00	42.5	37.8	40.2	40.2	18.9	17.3	18.7	18.6	0.037	0.000	0.002	0.004
12:15:00	43.3	37.9	40.1	40.5	19.4	17.5	19.0	18.5	0.021	0.000	0.000	0.028
12:30:00	44.1	39.3	40.6	42.1	19.9	18.2	19.7	19.0	0.017	0.000	0.000	0.056
12:45:00	44.3	39.5	41.7	41.6	20.1	18.2	19.6	19.3	0.010	0.000	0.000	0.068
13:00:00	41.9	38.8	41.1	45.4	18.9	17.9	20.3	19.1	0.001	0.000	0.000	0.070
13:15:00	43.8	39.5	40.8	45.0	20.1	18.4	20.3	19.1	0.000	0.000	0.000	0.068
13:30:00	43.7	39.6	41.1	47.2	20.0	18.2	21.0	19.2	0.000	0.000	0.000	0.071
13:45:00	42.7	38.8	40.1	40.8	19.4	17.8	19.2	18.6	0.000	0.000	0.000	0.062
14:00:00	43.2	39.1	40.5	43.0	19.6	17.8	19.8	18.8	0.000	0.000	0.000	0.055
14:15:00	44.3	39.8	40.8	42.1	19.5	18.0	19.3	18.8	0.000	0.000	0.000	0.041
14:30:00	42.6	39.7	40.6	39.2	19.1	17.8	18.7	18.3	0.000	0.000	0.000	0.024
14:45:00	41.4	38.1	38.9	42.3	19.0	17.8	19.2	18.2	0.000	0.000	0.000	0.029
15:00:00	42.5	38.2	39.3	48.4	19.5	17.9	21.0	18.6	0.000	0.000	0.000	0.027
15:15:00	43.4	39.0	39.9	46.6	19.8	18.1	20.4	18.8	0.000	0.000	0.000	0.030
15:30:00	43.5	38.8	41.5	41.6	19.8	18.0	19.8	19.2	0.000	0.000	0.000	0.025
15:45:00	30.6	29.4	32.1	29.7	14.5	13.7	14.9	15.2	0.000	0.000	0.000	0.020
16:00:00	28.1	23.3	26.7	26.0	12.7	10.7	13.0	12.6	0.000	0.000	0.000	0.022
16:15:00	28.5	25.9	27.7	27.5	13.5	11.9	13.7	13.3	0.000	0.000	0.000	0.025
16:30:00	29.6	26.5	28.3	27.8	14.0	12.3	13.8	13.6	0.000	0.000	0.000	0.024
16:45:00	34.2	30.4	31.1	31.0	15.5	13.6	14.9	14.8	0.000	0.000	0.000	0.023
17:00:00	42.0	34.4	37.0	35.8	20.0	15.2	16.8	16.8	0.000	0.000	0.000	0.021
17:15:00	48.5	37.5	36.8	36.2	25.5	16.4	17.0	17.0	0.000	0.002	0.000	0.017
17:30:00	48.5	39.1	40.3	38.6	23.8	17.3	18.0	18.6	0.002	0.001	0.000	0.010
17:45:00	43.7	38.6	41.0	38.7	20.1	17.3	18.3	18.7	0.003	0.002	0.000	0.013
18:00:00	34.2	33.9	46.0	34.8	15.3	14.6	15.3	18.0	0.005	0.002	0.000	0.004
18:15:00	26.3	26.0	27.1	27.3	11.6	11.7	12.9	11.6	0.007	0.002	0.000	0.009
18:30:00	27.9	32.1	23.0	22.1	12.6	13.0	10.6	10.1	0.001	0.001	0.001	0.001
18:45:00	30.3	31.8	23.7	24.9	14.1	13.1	12.6	10.6	0.000	0.000	0.009	0.000
19:00:00	30.0	31.1	23.9	24.4	13.6	13.7	12.5	10.8	0.000	0.000	0.006	0.000
19:15:00	38.9	34.6	25.1	30.2	17.4	15.6	14.9	11.2	0.000	0.000	0.000	0.000
19:30:00	41.6	35.6	26.8	36.9	19.0	16.3	17.9	11.8	0.000	0.000	0.000	0.000
19:45:00	39.8	33.9	29.9	38.4	18.1	16.0	18.1	13.1	0.000	0.000	0.000	0.000
20:00:00	39.5	33.9	35.6	36.4	17.3	15.0	17.4	15.8	0.000	0.000	0.000	0.000
20:15:00	36.3	34.7	37.3	37.0	15.9	14.6	16.9	15.7	0.000	0.000	0.000	0.000
20:30:00	39.1	36.6	35.4	34.0	15.7	15.1	16.5	15.2	0.000	0.000	0.000	0.000
20:45:00	37.4	38.5	36.7	32.4	15.5	14.4	15.7	16.3	0.000	0.000	0.000	0.000
21:00:00	37.4	39.6	42.7	27.2	15.1	14.2	13.1	15.8	0.000	0.000	0.000	0.000
21:15:00	37.2	43.4	42.9	36.7	14.6	15.3	17.2	14.5	0.000	0.000	0.000	0.000
21:30:00	44.8	43.2	51.6	37.1	14.9	14.6	16.3	16.0	0.000	0.000	0.000	0.000
21:45:00	48.3	37.4	52.3	36.0	14.2	13.9	15.8	16.0	0.000	0.000	0.000	0.000
22:00:00	41.4	41.0	48.8	29.6	14.6	14.0	11.9	16.1	0.000	0.000	0.000	0.000
22:15:00	43.7	47.4	60.2	35.4	15.3	13.9	14.4	14.9	0.000	0.000	0.000	0.000
22:30:00	47.4	46.0	58.9	35.8	14.9	14.0	12.5	14.4	0.000	0.000	0.000	0.000
22:45:00	50.9	45.2	64.0	31.2	14.9	13.2	11.1	14.3	0.000	0.000	0.000	0.000
23:00:00	51.8	46.0	71.2	32.5	14.9	12.4	11.1	13.4	0.000	0.000	0.000	0.000
23:15:00	56.1	46.4	68.2	44.3	14.4	11.3	11.4	13.2	0.000	0.000	0.000	0.000
23:30:00	54.1	42.8	66.2	40.3	14.0	11.1	11.4	12.9	0.000	0.000	0.000	0.000
23:45:00	59.9	47.2	81.3	36.0	14.6	11.3	10.7	13.5	0.000	0.000	0.000	0.000



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