



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-04

Table 1 : Weather Summary

| Wind Speed (MPH) | Wind Direction | | | | Temperature (°F) | Relative Humidity (%) | Barometer (inHg) |
|------------------|----------------|-----------|------------|-------------|----------------------------|----------------------------|----------------------------|
| 0.157 to 9.194 | 2943 ESE | 3061 N | 2996 SE | 2997 NNE | Min : 56.12 Max : 93.74 | Min : 37.90 Max : 81.90 | Min : 30.03 Max : 30.31 |

Table 2 : Monitoring Summary

| Site Action Level : | PM10 : 150 µg/m ³ | PM2.5 : 35 µg/m ³ | H2S : 10 PPM | | | |
|---------------------|--------------------------------------|---|---------------------------------------|--|----------------------|---------------------------|
| AQ-SN | Avg. PM10 Daily (µg/m ³) | Max. PM10-15-min Avg (µg/m ³) | Avg. PM2.5 Daily (µg/m ³) | Max. PM2.5-15-min Avg (µg/m ³) | Avg. H2S Daily (PPM) | Max. H2S-15-min Avg (PPM) |
| 2943 | 13.6 | 40.7 | 5.3 | 8.4 | 0.021 | 0.134 |
| 2996 | 11.3 | 21.2 | 4.9 | 8.1 | 0.020 | 0.098 |
| 2997 | 12.8 | 20.4 | 5.2 | 9.3 | 0.005 | 0.051 |
| 3061 | 12.2 | 20.1 | 5.1 | 8.3 | 0.001 | 0.010 |



Figure 1 : Monitoring Locations

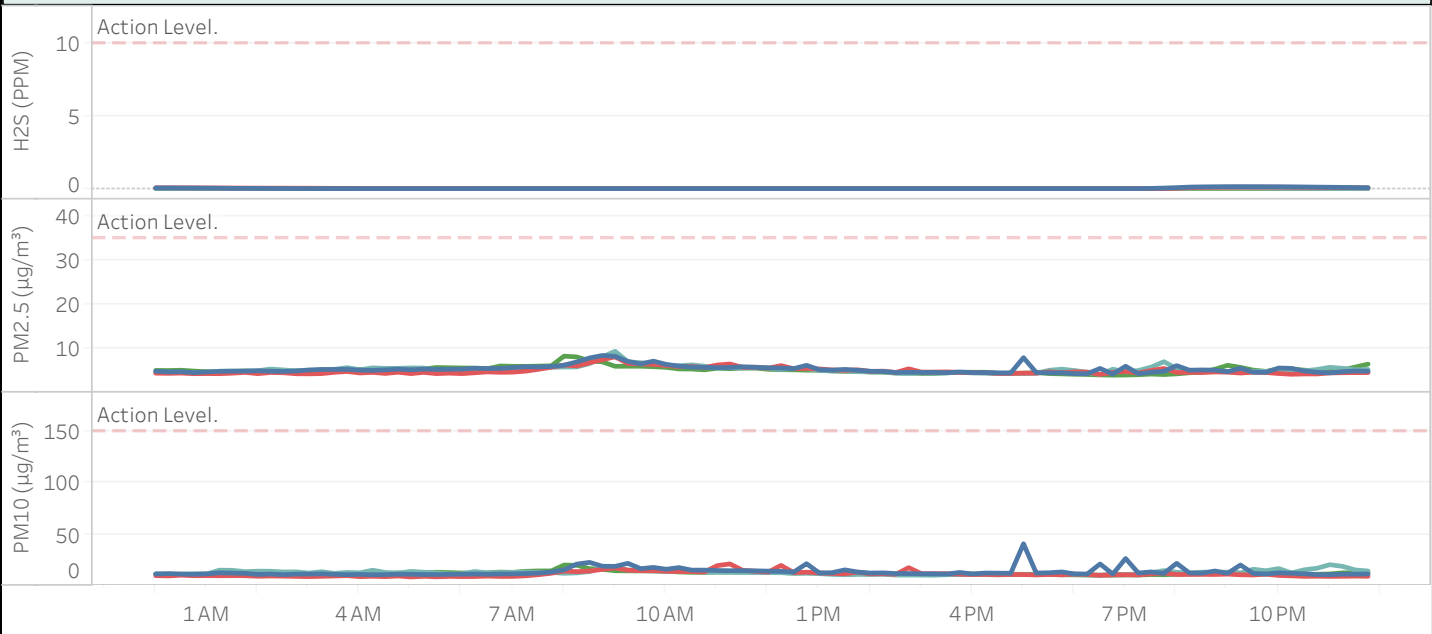


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

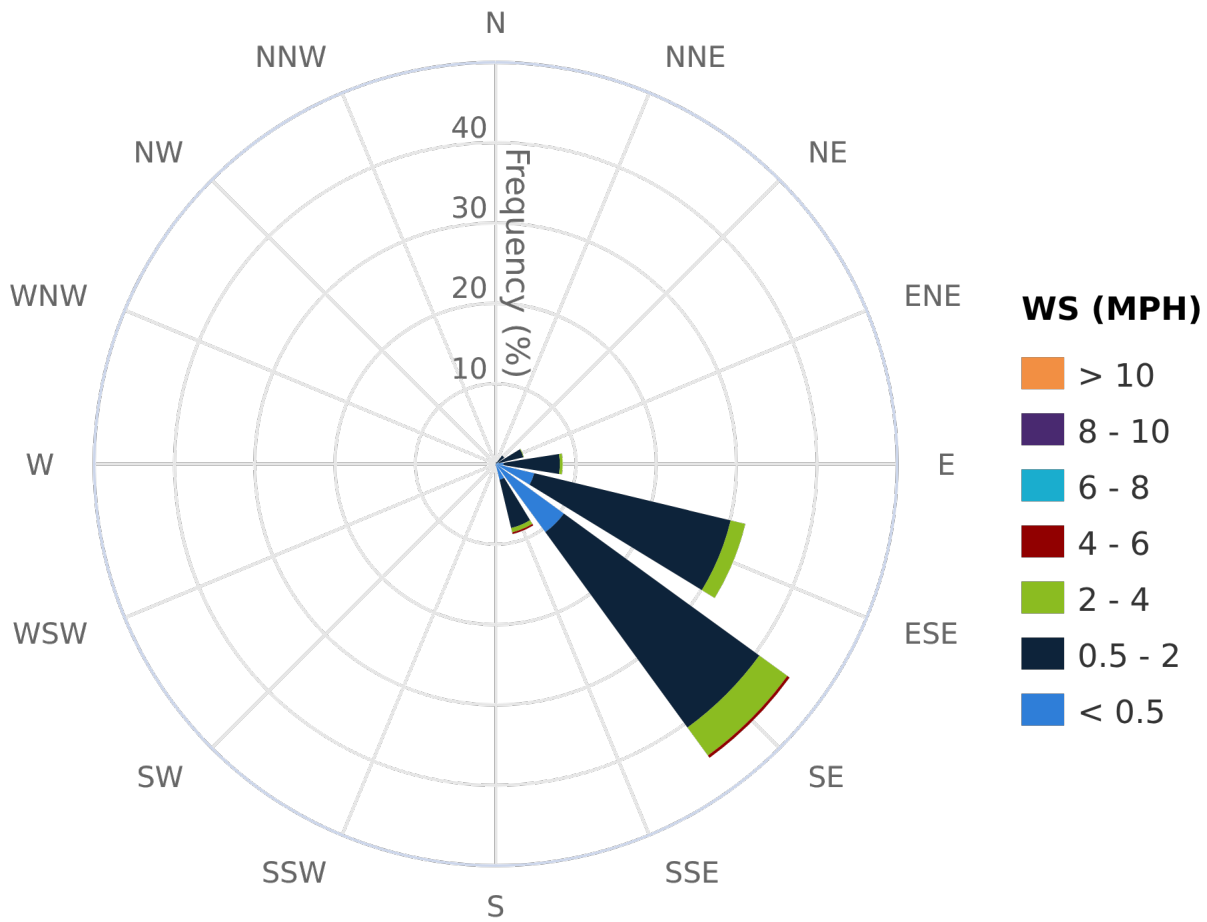


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

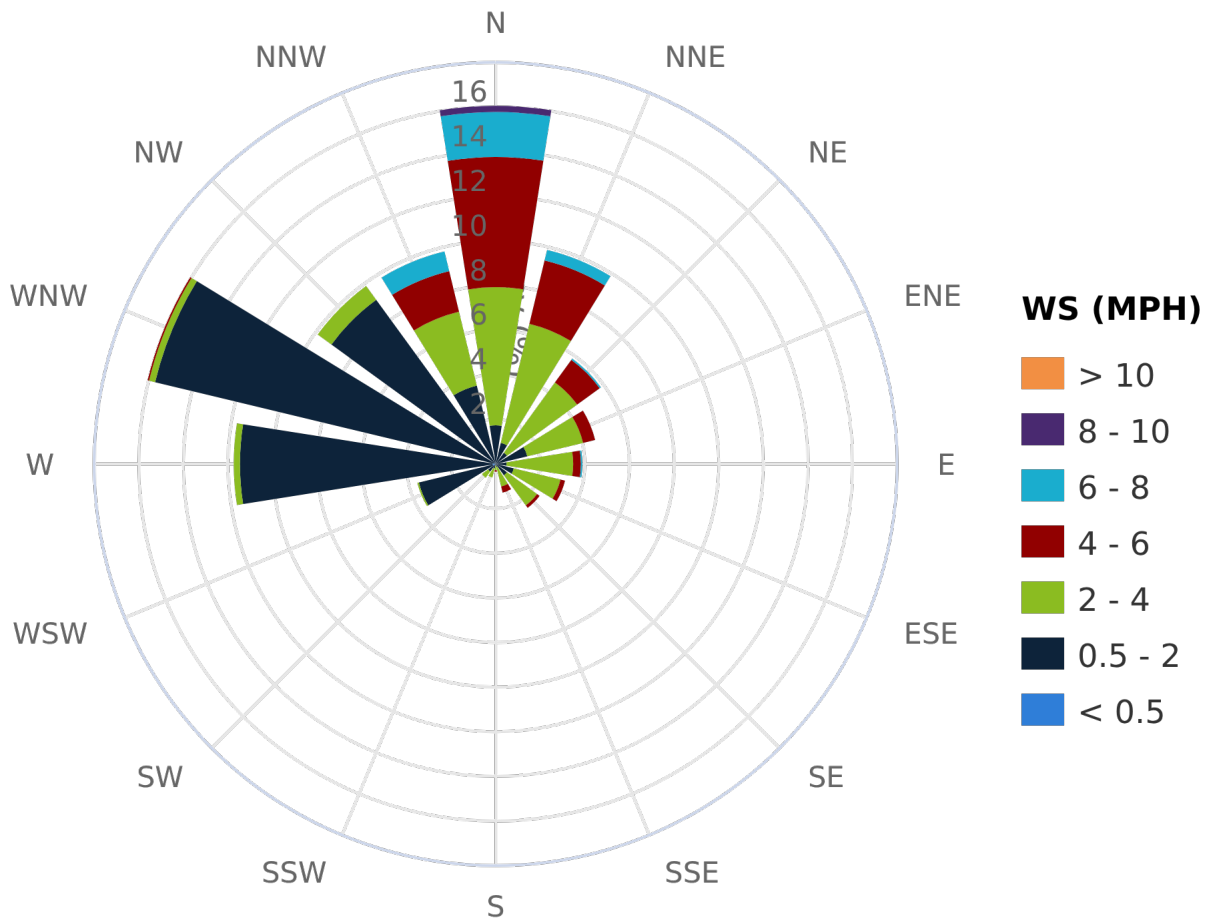


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

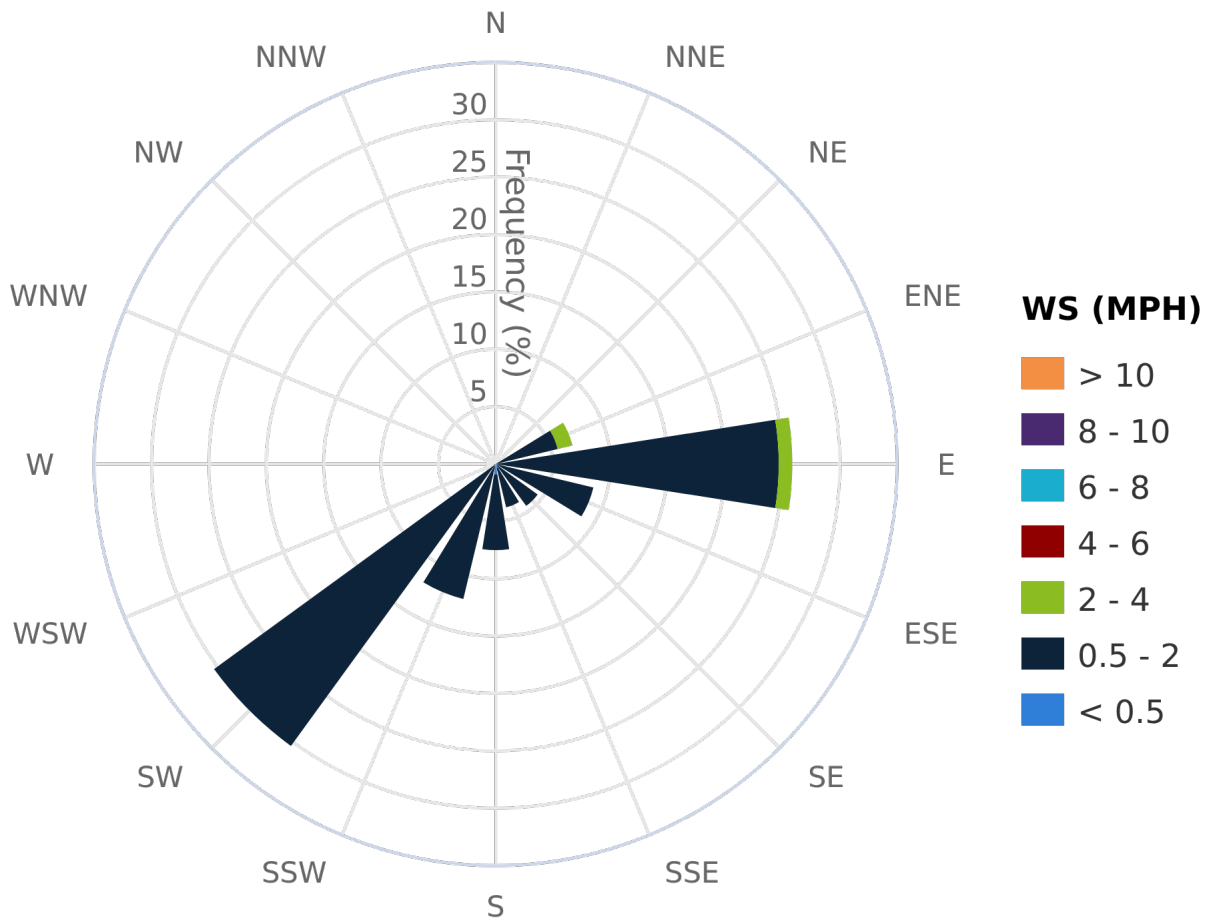


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

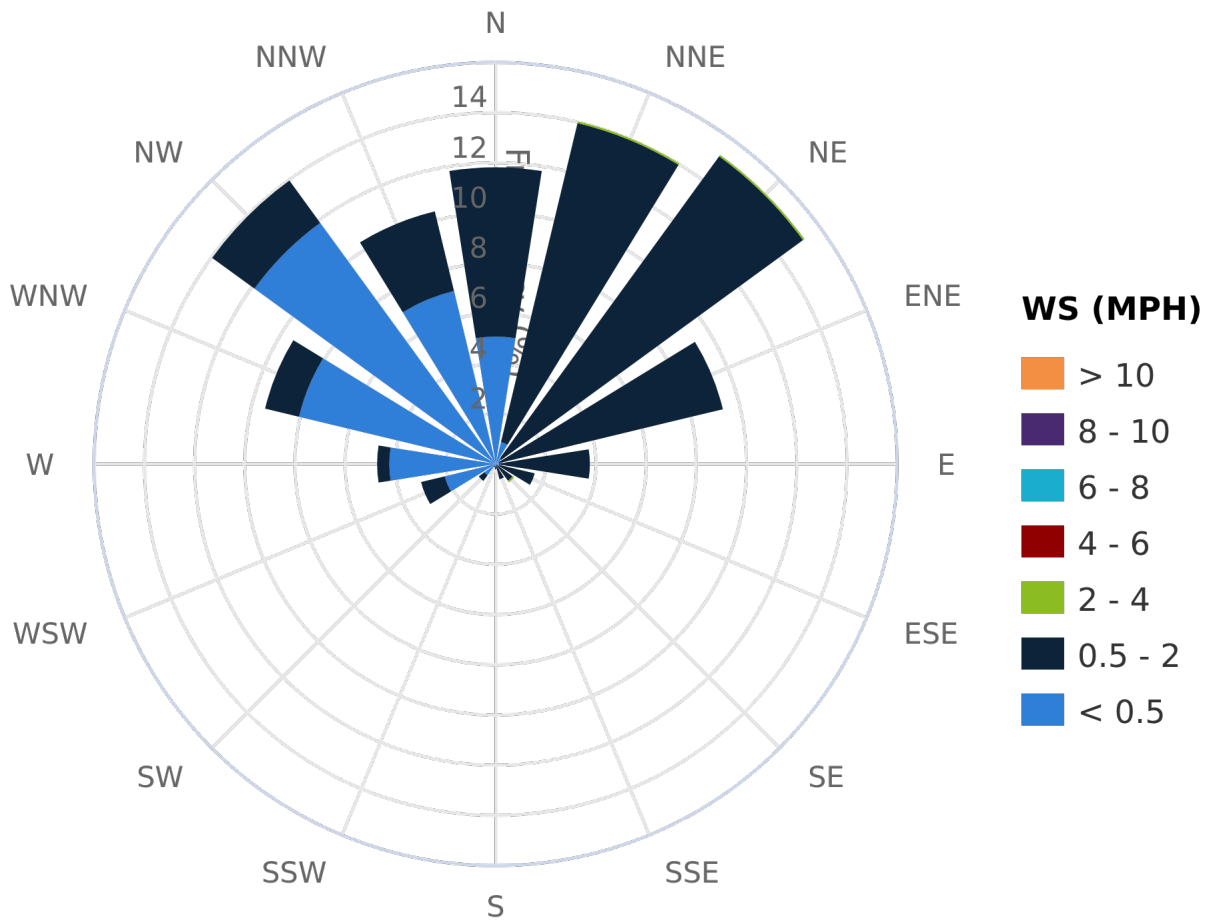


Figure 3 : Wind Rose Chart (WS in MPH)



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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 | 11.3 | 11.5 | 11.5 | 9.8 | 4.8 | 5.0 | 4.4 | 4.7 | 0.046 | 0.003 | 0.057 | 0.007 |
| 00:15:00 | 11.8 | 10.9 | 10.9 | 9.5 | 4.7 | 5.0 | 4.4 | 4.6 | 0.045 | 0.002 | 0.055 | 0.004 |
| 00:30:00 | 11.4 | 10.9 | 11.2 | 10.2 | 4.7 | 5.1 | 4.4 | 4.6 | 0.044 | 0.001 | 0.052 | 0.003 |
| 00:45:00 | 11.1 | 10.6 | 11.7 | 9.7 | 4.5 | 4.9 | 4.3 | 4.6 | 0.037 | 0.001 | 0.051 | 0.001 |
| 01:00:00 | 11.5 | 11.0 | 11.6 | 9.8 | 4.7 | 4.7 | 4.3 | 4.4 | 0.032 | 0.001 | 0.048 | 0.000 |
| 01:15:00 | 12.5 | 11.0 | 15.1 | 9.7 | 4.8 | 4.7 | 4.3 | 4.9 | 0.027 | 0.001 | 0.044 | 0.000 |
| 01:30:00 | 12.3 | 11.3 | 15.0 | 9.8 | 4.8 | 4.8 | 4.4 | 4.9 | 0.019 | 0.000 | 0.040 | 0.000 |
| 01:45:00 | 12.1 | 11.8 | 13.7 | 9.7 | 4.9 | 4.9 | 4.6 | 4.9 | 0.014 | 0.000 | 0.036 | 0.000 |
| 02:00:00 | 11.0 | 11.0 | 14.2 | 9.2 | 4.9 | 4.8 | 4.3 | 4.9 | 0.013 | 0.000 | 0.033 | 0.000 |
| 02:15:00 | 11.3 | 11.3 | 14.1 | 9.4 | 4.8 | 4.9 | 4.6 | 5.3 | 0.009 | 0.000 | 0.030 | 0.000 |
| 02:30:00 | 10.8 | 11.4 | 13.4 | 9.3 | 4.8 | 4.8 | 4.5 | 5.1 | 0.004 | 0.000 | 0.030 | 0.000 |
| 02:45:00 | 11.3 | 11.1 | 13.5 | 9.1 | 4.9 | 4.9 | 4.3 | 4.9 | 0.000 | 0.000 | 0.028 | 0.000 |
| 03:00:00 | 11.3 | 10.8 | 12.3 | 8.9 | 5.1 | 5.0 | 4.2 | 4.9 | 0.000 | 0.000 | 0.025 | 0.000 |
| 03:15:00 | 11.6 | 11.2 | 13.6 | 9.1 | 5.2 | 5.1 | 4.3 | 5.2 | 0.000 | 0.000 | 0.020 | 0.000 |
| 03:30:00 | 11.1 | 10.7 | 12.0 | 9.4 | 5.2 | 5.1 | 4.6 | 5.3 | 0.000 | 0.000 | 0.018 | 0.000 |
| 03:45:00 | 10.8 | 11.6 | 12.9 | 9.8 | 5.3 | 5.2 | 4.8 | 5.7 | 0.000 | 0.000 | 0.016 | 0.000 |
| 04:00:00 | 11.0 | 11.6 | 12.6 | 8.8 | 5.1 | 5.2 | 4.4 | 5.2 | 0.000 | 0.000 | 0.015 | 0.000 |
| 04:15:00 | 10.6 | 11.6 | 15.1 | 9.2 | 5.0 | 5.2 | 4.6 | 5.6 | 0.000 | 0.000 | 0.013 | 0.000 |
| 04:30:00 | 10.8 | 11.7 | 12.9 | 8.9 | 5.2 | 5.2 | 4.3 | 5.5 | 0.000 | 0.000 | 0.011 | 0.000 |
| 04:45:00 | 11.2 | 12.5 | 12.2 | 9.5 | 5.3 | 5.3 | 4.6 | 5.5 | 0.000 | 0.000 | 0.008 | 0.000 |
| 05:00:00 | 11.1 | 12.2 | 13.9 | 8.5 | 5.2 | 5.4 | 4.3 | 5.6 | 0.000 | 0.000 | 0.007 | 0.000 |
| 05:15:00 | 10.9 | 12.6 | 13.2 | 9.2 | 5.3 | 5.4 | 4.6 | 5.6 | 0.000 | 0.000 | 0.004 | 0.000 |
| 05:30:00 | 10.9 | 13.1 | 12.5 | 8.7 | 5.3 | 5.7 | 4.3 | 5.2 | 0.000 | 0.000 | 0.005 | 0.000 |
| 05:45:00 | 11.1 | 12.8 | 11.4 | 9.1 | 5.3 | 5.6 | 4.4 | 5.0 | 0.000 | 0.000 | 0.005 | 0.000 |
| 06:00:00 | 11.2 | 12.4 | 11.6 | 8.9 | 5.3 | 5.6 | 4.3 | 4.9 | 0.000 | 0.000 | 0.003 | 0.000 |
| 06:15:00 | 11.4 | 12.3 | 13.8 | 8.9 | 5.5 | 5.5 | 4.5 | 5.2 | 0.000 | 0.000 | 0.000 | 0.000 |
| 06:30:00 | 11.2 | 12.5 | 12.4 | 9.4 | 5.4 | 5.4 | 4.7 | 5.3 | 0.000 | 0.000 | 0.000 | 0.000 |
| 06:45:00 | 11.4 | 13.2 | 12.8 | 9.0 | 5.5 | 6.0 | 4.6 | 5.3 | 0.000 | 0.000 | 0.000 | 0.000 |
| 07:00:00 | 11.5 | 13.0 | 13.0 | 9.1 | 5.7 | 5.9 | 4.6 | 5.5 | 0.000 | 0.000 | 0.000 | 0.000 |
| 07:15:00 | 11.8 | 14.0 | 13.3 | 9.7 | 5.8 | 5.9 | 4.9 | 5.7 | 0.000 | 0.000 | 0.000 | 0.000 |
| 07:30:00 | 12.3 | 14.4 | 13.0 | 10.7 | 5.8 | 6.0 | 5.3 | 5.7 | 0.000 | 0.000 | 0.000 | 0.000 |
| 07:45:00 | 13.3 | 14.4 | 12.9 | 12.1 | 5.9 | 6.1 | 5.7 | 5.7 | 0.000 | 0.000 | 0.000 | 0.000 |
| 08:00:00 | 15.4 | 20.1 | 12.1 | 14.2 | 6.2 | 8.3 | 6.2 | 5.8 | 0.000 | 0.000 | 0.000 | 0.000 |
| 08:15:00 | 21.0 | 19.8 | 12.5 | 13.7 | 6.9 | 8.1 | 6.0 | 5.8 | 0.000 | 0.000 | 0.000 | 0.000 |
| 08:30:00 | 22.6 | 16.6 | 13.7 | 14.2 | 7.8 | 7.2 | 6.7 | 6.6 | 0.000 | 0.000 | 0.000 | 0.000 |
| 08:45:00 | 18.9 | 15.9 | 17.4 | 15.8 | 8.4 | 7.0 | 7.4 | 8.1 | 0.000 | 0.000 | 0.000 | 0.000 |
| 09:00:00 | 18.8 | 14.6 | 17.5 | 17.2 | 8.2 | 6.0 | 8.1 | 9.3 | 0.000 | 0.000 | 0.000 | 0.000 |
| 09:15:00 | 21.7 | 14.4 | 15.3 | 15.1 | 7.0 | 6.0 | 6.6 | 7.0 | 0.000 | 0.000 | 0.000 | 0.000 |
| 09:30:00 | 16.6 | 14.4 | 14.8 | 14.6 | 6.5 | 6.0 | 6.5 | 6.7 | 0.003 | 0.000 | 0.000 | 0.000 |
| 09:45:00 | 17.8 | 14.4 | 14.3 | 14.6 | 7.1 | 5.9 | 6.4 | 6.5 | 0.003 | 0.000 | 0.000 | 0.000 |
| 10:00:00 | 16.0 | 14.1 | 13.8 | 14.1 | 6.4 | 5.7 | 6.2 | 6.2 | 0.000 | 0.000 | 0.000 | 0.002 |
| 10:15:00 | 17.6 | 13.4 | 14.0 | 13.8 | 6.0 | 5.4 | 5.9 | 6.1 | 0.000 | 0.000 | 0.000 | 0.003 |
| 10:30:00 | 15.2 | 13.0 | 13.8 | 13.7 | 5.8 | 5.3 | 5.9 | 6.3 | 0.000 | 0.000 | 0.000 | 0.001 |
| 10:45:00 | 15.2 | 12.9 | 13.1 | 13.4 | 5.7 | 5.2 | 5.7 | 6.0 | 0.000 | 0.000 | 0.000 | 0.001 |
| 11:00:00 | 14.8 | 13.5 | 13.0 | 19.5 | 5.7 | 5.5 | 6.2 | 5.5 | 0.000 | 0.000 | 0.000 | 0.000 |
| 11:15:00 | 14.6 | 13.4 | 12.9 | 21.2 | 5.7 | 5.4 | 6.5 | 5.6 | 0.000 | 0.000 | 0.000 | 0.000 |
| 11:30:00 | 14.6 | 13.3 | 12.8 | 14.9 | 5.9 | 5.6 | 5.7 | 5.5 | 0.000 | 0.000 | 0.000 | 0.000 |
| 11:45:00 | 14.5 | 13.4 | 12.8 | 14.1 | 5.7 | 5.5 | 5.8 | 5.6 | 0.000 | 0.000 | 0.000 | 0.000 |



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| | 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) |
|----------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 12:00:00 | 14.2 | 13.0 | 12.8 | 13.2 | 5.6 | 5.3 | 5.5 | 5.6 | 0.000 | 0.000 | 0.000 | 0.000 |
| 12:15:00 | 13.9 | 12.8 | 12.6 | 19.7 | 5.6 | 5.2 | 6.1 | 5.3 | 0.000 | 0.000 | 0.000 | 0.000 |
| 12:30:00 | 13.3 | 12.3 | 12.0 | 12.7 | 5.4 | 5.2 | 5.4 | 5.4 | 0.000 | 0.000 | 0.000 | 0.000 |
| 12:45:00 | 21.4 | 12.6 | 12.1 | 13.1 | 6.2 | 5.1 | 5.5 | 5.4 | 0.000 | 0.000 | 0.000 | 0.000 |
| 13:00:00 | 12.4 | 12.3 | 11.7 | 12.4 | 5.2 | 5.1 | 5.4 | 5.0 | 0.000 | 0.000 | 0.000 | 0.000 |
| 13:15:00 | 12.7 | 11.8 | 11.0 | 11.9 | 5.1 | 4.9 | 5.1 | 4.9 | 0.000 | 0.000 | 0.000 | 0.000 |
| 13:30:00 | 15.4 | 11.3 | 10.7 | 11.6 | 5.3 | 4.8 | 5.0 | 4.9 | 0.000 | 0.000 | 0.000 | 0.000 |
| 13:45:00 | 13.3 | 11.6 | 11.0 | 13.2 | 5.1 | 4.8 | 5.2 | 4.7 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14:00:00 | 12.3 | 11.6 | 11.0 | 11.5 | 4.8 | 4.7 | 4.8 | 4.7 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14:15:00 | 12.5 | 11.4 | 11.2 | 11.6 | 4.8 | 4.6 | 4.9 | 4.7 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14:30:00 | 11.8 | 11.0 | 10.4 | 11.2 | 4.6 | 4.4 | 4.6 | 4.4 | 0.000 | 0.000 | 0.000 | 0.000 |
| 14:45:00 | 11.9 | 11.1 | 10.3 | 17.6 | 4.6 | 4.4 | 5.4 | 4.3 | 0.000 | 0.000 | 0.000 | 0.000 |
| 15:00:00 | 11.6 | 10.7 | 10.3 | 11.7 | 4.6 | 4.3 | 4.6 | 4.5 | 0.000 | 0.000 | 0.000 | 0.000 |
| 15:15:00 | 11.5 | 10.6 | 10.3 | 11.8 | 4.6 | 4.3 | 4.7 | 4.4 | 0.000 | 0.000 | 0.000 | 0.000 |
| 15:30:00 | 11.4 | 11.0 | 10.7 | 11.7 | 4.5 | 4.5 | 4.7 | 4.5 | 0.000 | 0.000 | 0.000 | 0.000 |
| 15:45:00 | 12.9 | 11.3 | 10.8 | 11.2 | 4.7 | 4.6 | 4.6 | 4.6 | 0.000 | 0.000 | 0.000 | 0.000 |
| 16:00:00 | 11.5 | 11.4 | 10.8 | 10.9 | 4.5 | 4.6 | 4.5 | 4.4 | 0.000 | 0.000 | 0.000 | 0.000 |
| 16:15:00 | 12.3 | 11.2 | 10.8 | 11.0 | 4.6 | 4.6 | 4.5 | 4.4 | 0.000 | 0.000 | 0.000 | 0.000 |
| 16:30:00 | 12.2 | 11.0 | 10.6 | 10.7 | 4.5 | 4.4 | 4.3 | 4.3 | 0.000 | 0.000 | 0.000 | 0.000 |
| 16:45:00 | 12.1 | 11.2 | 10.8 | 10.9 | 4.5 | 4.4 | 4.3 | 4.4 | 0.000 | 0.000 | 0.000 | 0.000 |
| 17:00:00 | 40.7 | 11.1 | 10.8 | 10.8 | 7.9 | 4.4 | 4.4 | 4.3 | 0.000 | 0.000 | 0.000 | 0.000 |
| 17:15:00 | 12.3 | 11.1 | 10.8 | 10.5 | 4.5 | 4.5 | 4.4 | 4.4 | 0.000 | 0.000 | 0.000 | 0.000 |
| 17:30:00 | 12.6 | 11.1 | 11.5 | 10.9 | 4.5 | 4.3 | 4.7 | 5.1 | 0.000 | 0.000 | 0.000 | 0.000 |
| 17:45:00 | 13.4 | 10.6 | 12.0 | 10.6 | 4.5 | 4.2 | 4.5 | 5.3 | 0.000 | 0.000 | 0.000 | 0.000 |
| 18:00:00 | 11.5 | 10.6 | 11.3 | 11.2 | 4.3 | 4.2 | 4.7 | 5.0 | 0.000 | 0.000 | 0.000 | 0.000 |
| 18:15:00 | 11.4 | 10.3 | 10.7 | 10.9 | 4.3 | 4.1 | 4.7 | 4.6 | 0.000 | 0.000 | 0.000 | 0.000 |
| 18:30:00 | 21.1 | 10.4 | 10.0 | 10.1 | 5.5 | 4.0 | 4.1 | 4.1 | 0.000 | 0.000 | 0.000 | 0.000 |
| 18:45:00 | 11.4 | 10.3 | 11.5 | 10.6 | 4.2 | 3.9 | 4.6 | 5.3 | 0.000 | 0.000 | 0.000 | 0.000 |
| 19:00:00 | 26.4 | 10.4 | 10.8 | 10.7 | 6.0 | 4.0 | 4.8 | 4.7 | 0.000 | 0.001 | 0.000 | 0.000 |
| 19:15:00 | 12.3 | 10.4 | 11.3 | 10.5 | 4.3 | 4.1 | 4.4 | 5.0 | 0.001 | 0.001 | 0.000 | 0.002 |
| 19:30:00 | 13.4 | 10.9 | 12.6 | 11.5 | 4.6 | 4.2 | 5.0 | 5.8 | 0.013 | 0.003 | 0.000 | 0.015 |
| 19:45:00 | 12.0 | 10.7 | 14.7 | 12.3 | 4.8 | 4.1 | 5.5 | 7.0 | 0.029 | 0.005 | 0.001 | 0.032 |
| 20:00:00 | 21.8 | 11.2 | 13.1 | 10.9 | 6.1 | 4.2 | 4.6 | 5.4 | 0.061 | 0.007 | 0.025 | 0.035 |
| 20:15:00 | 12.4 | 11.5 | 12.3 | 11.0 | 5.1 | 4.5 | 4.6 | 4.8 | 0.104 | 0.009 | 0.060 | 0.042 |
| 20:30:00 | 12.2 | 11.7 | 13.2 | 11.0 | 5.1 | 4.6 | 4.5 | 4.7 | 0.119 | 0.010 | 0.077 | 0.051 |
| 20:45:00 | 14.3 | 12.3 | 12.9 | 10.9 | 5.1 | 5.3 | 4.7 | 4.8 | 0.127 | 0.010 | 0.085 | 0.051 |
| 21:00:00 | 12.1 | 12.8 | 13.2 | 11.2 | 4.7 | 6.2 | 4.6 | 4.8 | 0.133 | 0.010 | 0.092 | 0.049 |
| 21:15:00 | 20.1 | 12.2 | 12.3 | 10.7 | 5.5 | 5.7 | 4.4 | 4.6 | 0.134 | 0.009 | 0.096 | 0.042 |
| 21:30:00 | 11.9 | 11.6 | 16.0 | 10.4 | 4.6 | 5.1 | 4.6 | 4.8 | 0.132 | 0.009 | 0.097 | 0.037 |
| 21:45:00 | 11.5 | 11.4 | 14.6 | 11.2 | 4.6 | 4.8 | 4.5 | 4.8 | 0.130 | 0.009 | 0.098 | 0.034 |
| 22:00:00 | 12.5 | 11.9 | 16.6 | 10.0 | 5.6 | 5.4 | 4.3 | 4.9 | 0.126 | 0.009 | 0.097 | 0.030 |
| 22:15:00 | 12.1 | 11.6 | 12.5 | 9.6 | 5.5 | 5.3 | 4.1 | 4.6 | 0.121 | 0.008 | 0.090 | 0.023 |
| 22:30:00 | 11.6 | 11.1 | 15.5 | 9.1 | 4.9 | 5.1 | 4.2 | 4.9 | 0.113 | 0.007 | 0.084 | 0.020 |
| 22:45:00 | 10.8 | 11.1 | 17.0 | 9.2 | 4.6 | 4.9 | 4.2 | 5.2 | 0.102 | 0.006 | 0.078 | 0.011 |
| 23:00:00 | 10.8 | 11.5 | 20.4 | 9.1 | 4.5 | 4.9 | 4.5 | 5.7 | 0.094 | 0.005 | 0.074 | 0.009 |
| 23:15:00 | 11.3 | 12.5 | 18.8 | 9.2 | 4.7 | 5.1 | 4.5 | 5.5 | 0.084 | 0.005 | 0.066 | 0.002 |
| 23:30:00 | 11.2 | 12.6 | 15.3 | 9.4 | 4.9 | 5.8 | 4.5 | 5.2 | 0.070 | 0.003 | 0.060 | 0.000 |
| 23:45:00 | 11.4 | 12.9 | 14.3 | 9.2 | 4.8 | 6.4 | 4.5 | 5.2 | 0.063 | 0.002 | 0.055 | 0.000 |

