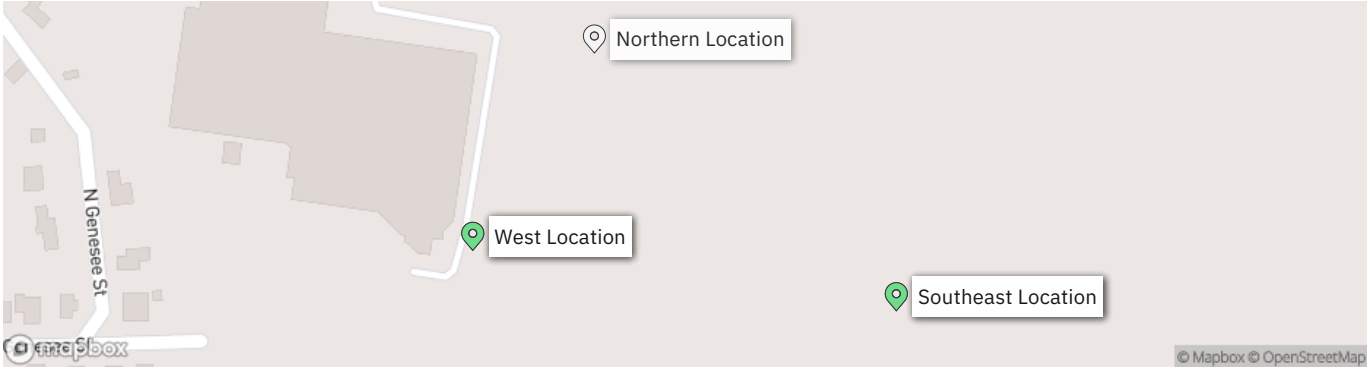
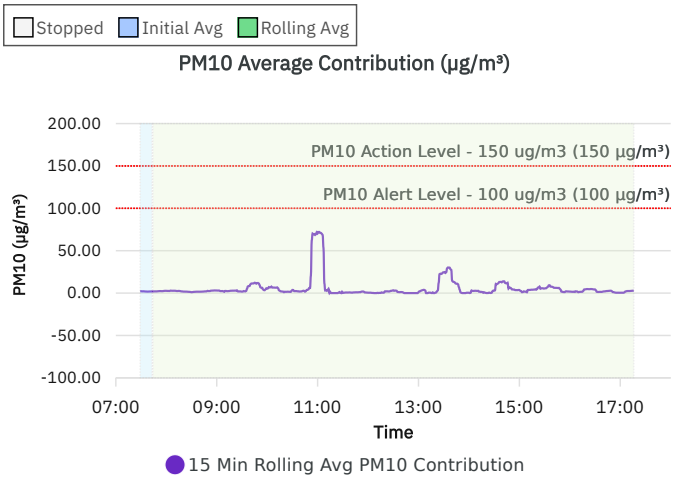
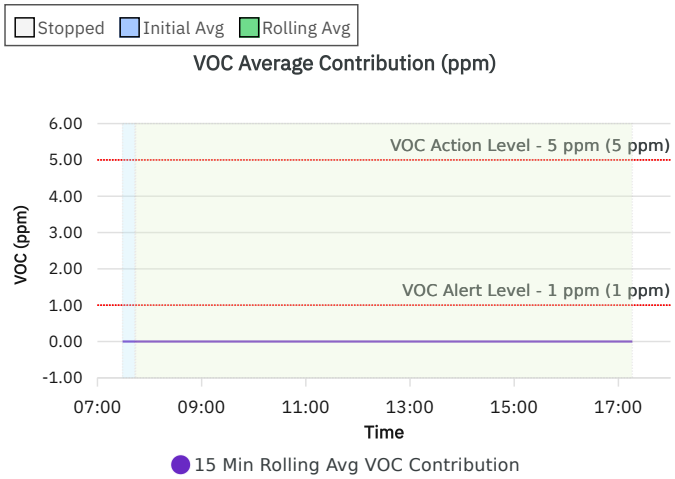
| | | | |
|---|---|---|---|
| aeroqual | Site Contribution Report | Wyoming County - DEC Site Number V00189 | |
| | | Report Period | |
| | | From: | 10/16/2025 07:00 |
| | | To: | 10/16/2025 18:00 |
| | | PM10 Action Level: | 150 µg/m³ |
| | | VOC Action Level: | 5 ppm |

| Daily Environmental Summary | Temp (°F) | Relative Humidity (%) | Barometer (inHg) | Wind Speed (mph) | Prevailing Wind Direction |
|---|---|---|---|---|---|
| 10/16/2025 | 36.1 - 55.4 | 41.4 - 82.3 | 30.2 - 30.3 | 2.0 - 11.7 | NNW |

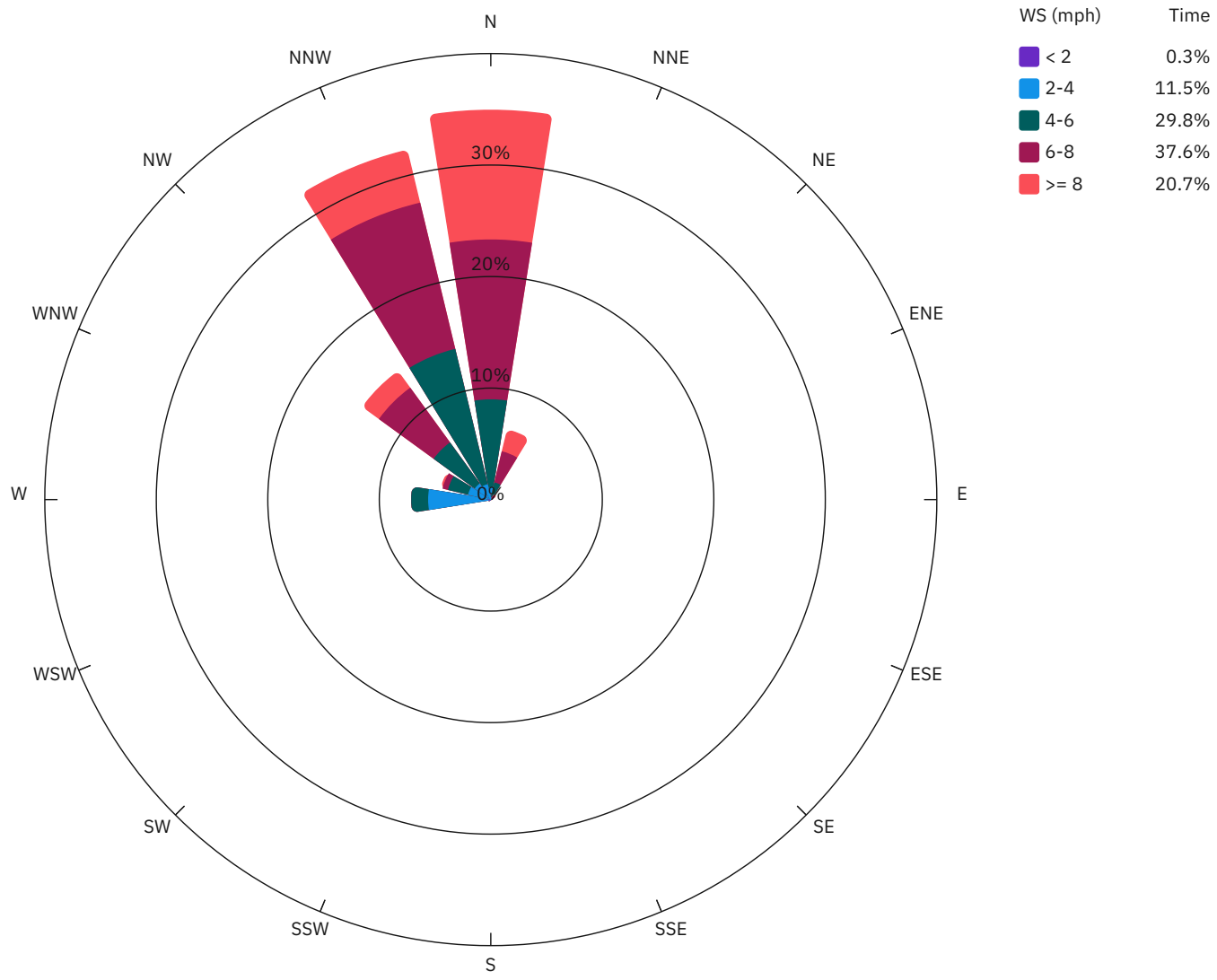
| Daily Monitoring Summary | PM10 (µg/m³) | Time | VOC (ppm) | Time |
|---|---|---|---|---|
| Min Contribution (15 min avg.) - 10/16/2025 | 0.00 | 12:45 | 0.00 | 07:30 |
| Max Contribution (15 min avg.) - 10/16/2025 | 70.52 | 11:00 | 0.00 | 07:30 |
| Daily Avg. Contribution (15 min avg.) - 10/16/2025 | 5.19 | - | 0.00 | - |



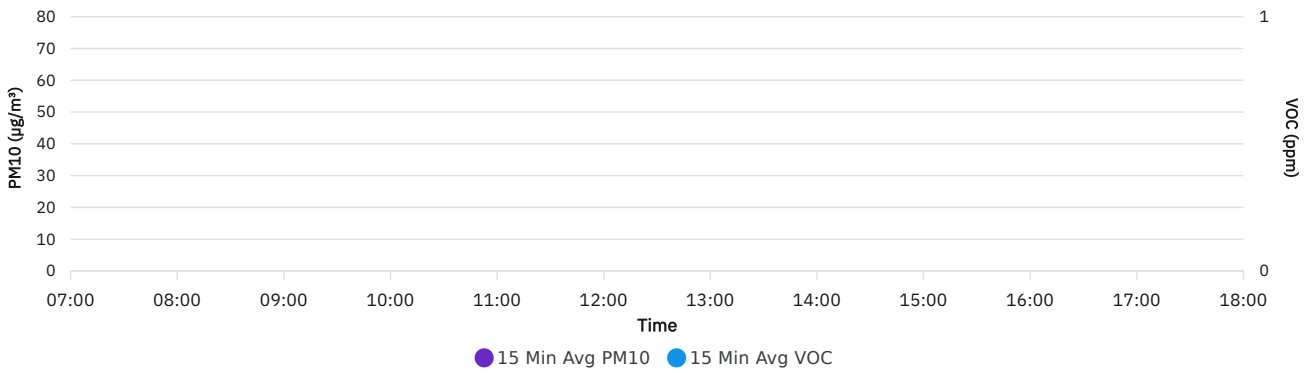



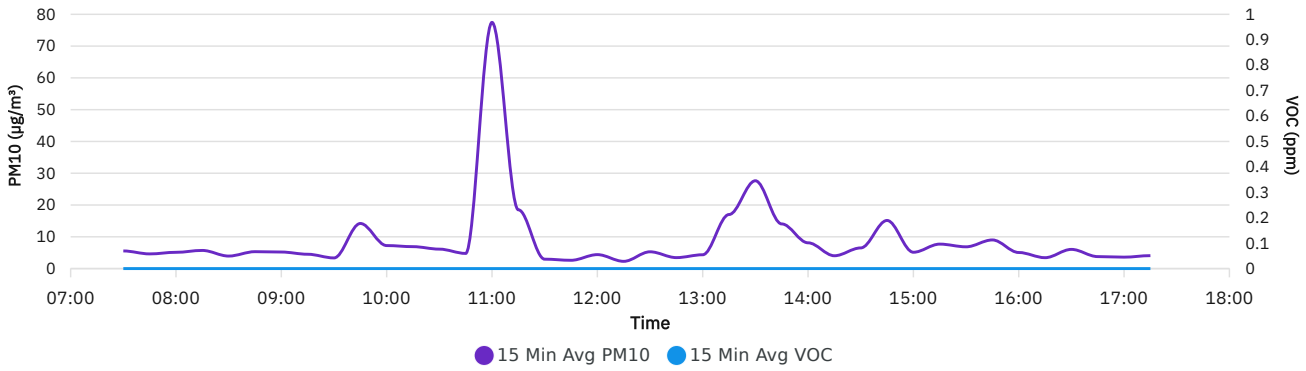
Wind rose (mph)



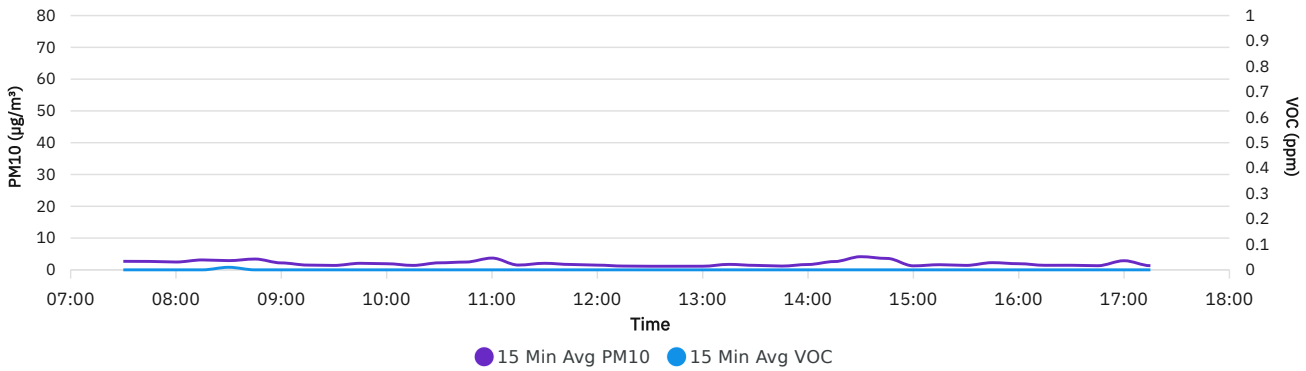

Northern Location



Southeast Location




West Location



DER-10 Summary: 15 Min Rolling Avg Data

| Date/Time | Average Upwind PM10 (µg/m³) | Average Downwind PM10 (µg/m³) | Average Contribution PM10 (µg/m³) | Average Upwind VOC (ppm) | Average Downwind VOC (ppm) | Average Contribution VOC (ppm) | Wind Speed | Wind Direction |
|---|---|---|---|---|---|---|---|---|
| 10/16/2025 07:30 | 2.68 | 4.84 | 2.16 | 0.00 | 0.00 | 0.00 | 1.9 | NW |
| 10/16/2025 07:45 | 2.65 | 4.62 | 1.97 | 0.00 | 0.00 | 0.00 | 2.9 | W |
| 10/16/2025 08:00 | 2.46 | 5.12 | 2.66 | 0.00 | 0.00 | 0.00 | 3.3 | W |
| 10/16/2025 08:15 | 3.12 | 5.71 | 2.59 | 0.00 | 0.00 | 0.00 | 4.2 | W |
| 10/16/2025 08:30 | 2.90 | 3.94 | 1.04 | 0.01 | 0.00 | 0.00 | 3.5 | WNW |
| 10/16/2025 08:45 | 3.40 | 5.32 | 1.91 | 0.00 | 0.00 | 0.00 | 4.0 | NW |
| 10/16/2025 09:00 | 2.18 | 5.21 | 3.03 | 0.00 | 0.00 | 0.00 | 5.3 | NNW |
| 10/16/2025 09:15 | 1.78 | 4.23 | 2.45 | 0.00 | 0.00 | 0.00 | 5.1 | NNW |
| 10/16/2025 09:30 | 1.51 | 3.23 | 1.72 | 0.00 | 0.00 | 0.00 | 5.7 | NNW |
| 10/16/2025 09:45 | 2.04 | 14.21 | 12.18 | 0.00 | 0.00 | 0.00 | 6.3 | NNW |
| 10/16/2025 10:00 | 1.96 | 7.20 | 5.24 | 0.00 | 0.00 | 0.00 | 6.8 | N |
| 10/16/2025 10:15 | 2.78 | 5.52 | 2.74 | 0.00 | 0.00 | 0.00 | 7.3 | N |
| 10/16/2025 10:30 | 2.31 | 6.02 | 3.71 | 0.00 | 0.00 | 0.00 | 6.2 | NNW |
| 10/16/2025 10:45 | 2.75 | 4.47 | 1.73 | 0.00 | 0.00 | 0.00 | 6.4 | NNW |
| 10/16/2025 11:00 | 5.32 | 75.84 | 70.52 | 0.00 | 0.00 | 0.00 | 7.0 | N |
| 10/16/2025 11:15 | 9.32 | 10.68 | 1.36 | 0.00 | 0.00 | 0.00 | 7.7 | N |
| 10/16/2025 11:30 | 2.41 | 2.61 | 0.20 | 0.00 | 0.00 | 0.00 | 6.6 | N |
| 10/16/2025 11:45 | 1.69 | 2.61 | 0.91 | 0.00 | 0.00 | 0.00 | 6.2 | NNW |
| 10/16/2025 12:00 | 2.70 | 3.17 | 0.47 | 0.00 | 0.00 | 0.00 | 6.0 | N |
| 10/16/2025 12:15 | 1.63 | 1.84 | 0.20 | 0.00 | 0.00 | 0.00 | 5.9 | N |
| 10/16/2025 12:30 | 1.57 | 4.84 | 3.27 | 0.00 | 0.00 | 0.00 | 6.4 | N |
| 10/16/2025 12:45 | 3.00 | 1.57 | 0.00 | 0.00 | 0.00 | 0.00 | 6.7 | N |
| 10/16/2025 13:00 | 2.20 | 3.29 | 1.09 | 0.00 | 0.00 | 0.00 | 4.3 | N |
| 10/16/2025 13:15 | 9.27 | 9.46 | 0.20 | 0.00 | 0.00 | 0.00 | 5.0 | NNW |
| 10/16/2025 13:30 | 2.24 | 26.80 | 24.56 | 0.00 | 0.00 | 0.00 | 7.0 | NNW |
| 10/16/2025 13:45 | 2.10 | 13.14 | 11.04 | 0.00 | 0.00 | 0.00 | 6.0 | NNW |
| 10/16/2025 14:00 | 4.70 | 5.08 | 0.38 | 0.00 | 0.00 | 0.00 | 7.0 | NNW |
| 10/16/2025 14:15 | 2.61 | 4.04 | 1.44 | 0.00 | 0.00 | 0.00 | 5.7 | NNW |
| 10/16/2025 14:30 | 3.90 | 6.75 | 2.85 | 0.00 | 0.00 | 0.00 | 5.8 | NNW |
| 10/16/2025 14:45 | 3.59 | 15.14 | 11.55 | 0.00 | 0.00 | 0.00 | 6.7 | NNW |
| 10/16/2025 15:00 | 1.39 | 5.01 | 3.62 | 0.00 | 0.00 | 0.00 | 7.1 | NNW |

| Date/Time | Average Upwind PM10 (µg/m³) | Average Downwind PM10 (µg/m³) | Average Contribution PM10 (µg/m³) | Average Upwind VOC (ppm) | Average Downwind VOC (ppm) | Average Contribution VOC (ppm) | Wind Speed | Wind Direction |
|---|---|---|---|---|---|---|---|---|
| 10/16/2025 15:15 | 2.67 | 6.65 | 3.98 | 0.00 | 0.00 | 0.00 | 7.5 | NNW |
| 10/16/2025 15:30 | 1.40 | 6.85 | 5.45 | 0.00 | 0.00 | 0.00 | 6.8 | NNW |
| 10/16/2025 15:45 | 2.59 | 8.68 | 6.10 | 0.00 | 0.00 | 0.00 | 7.4 | NNW |
| 10/16/2025 16:00 | 2.62 | 4.37 | 1.75 | 0.00 | 0.00 | 0.00 | 6.9 | NNW |
| 10/16/2025 16:15 | 1.62 | 3.25 | 1.63 | 0.00 | 0.00 | 0.00 | 6.8 | NNW |
| 10/16/2025 16:30 | 1.60 | 5.89 | 4.29 | 0.00 | 0.00 | 0.00 | 6.5 | NNW |
| 10/16/2025 16:45 | 1.30 | 3.77 | 2.47 | 0.00 | 0.00 | 0.00 | 7.8 | N |
| 10/16/2025 17:00 | 3.02 | 3.45 | 0.43 | 0.00 | 0.00 | 0.00 | 7.4 | N |
| 10/16/2025 17:15 | 1.31 | 4.07 | 2.76 | 0.00 | 0.00 | 0.00 | 5.9 | NNW |

Air Monitoring Data by Location: 15 Min Avg Data

| Date/Time | Northern Location PM10 (µg/m³) | Northern Location VOC (ppm) | Southeast Location PM10 (µg/m³) | Southeast Location VOC (ppm) | West Location PM10 (µg/m³) | West Location VOC (ppm) | Wind Direction | Wind Speed |
|---|---|---|---|---|---|---|---|---|
| 10/16/2025 07:30 | | | 5.55 | 0.00 | 2.68 | 0.00 | NW | 1.9 |
| 10/16/2025 07:45 | | | 4.62 | 0.00 | 2.65 | 0.00 | W | 2.9 |
| 10/16/2025 08:00 | | | 5.12 | 0.00 | 2.46 | 0.00 | W | 3.3 |
| 10/16/2025 08:15 | | | 5.71 | 0.00 | 3.12 | 0.00 | W | 4.2 |
| 10/16/2025 08:30 | | | 3.94 | 0.00 | 2.90 | 0.01 | WNW | 3.5 |
| 10/16/2025 08:45 | | | 5.32 | 0.00 | 3.40 | 0.00 | NW | 4.0 |
| 10/16/2025 09:00 | | | 5.21 | 0.00 | 2.18 | 0.00 | NNW | 5.3 |
| 10/16/2025 09:15 | | | 4.51 | 0.00 | 1.50 | 0.00 | NNW | 5.1 |
| 10/16/2025 09:30 | | | 3.35 | 0.00 | 1.39 | 0.00 | NNW | 5.7 |
| 10/16/2025 09:45 | | | 14.19 | 0.00 | 2.06 | 0.00 | NNW | 6.3 |
| 10/16/2025 10:00 | | | 7.24 | 0.00 | 1.92 | 0.00 | N | 6.8 |
| 10/16/2025 10:15 | | | 6.90 | 0.00 | 1.40 | 0.00 | N | 7.3 |
| 10/16/2025 10:30 | | | 6.12 | 0.00 | 2.21 | 0.00 | NNW | 6.2 |
| 10/16/2025 10:45 | | | 4.77 | 0.00 | 2.45 | 0.00 | NNW | 6.4 |
| 10/16/2025 11:00 | | | 77.45 | 0.00 | 3.70 | 0.00 | N | 7.0 |
| 10/16/2025 11:15 | | | 18.50 | 0.00 | 1.51 | 0.00 | N | 7.7 |
| 10/16/2025 11:30 | | | 2.96 | 0.00 | 2.06 | 0.00 | N | 6.6 |
| 10/16/2025 11:45 | | | 2.61 | 0.00 | 1.69 | 0.00 | NNW | 6.2 |
| 10/16/2025 12:00 | | | 4.39 | 0.00 | 1.48 | 0.00 | N | 6.0 |
| 10/16/2025 12:15 | | | 2.28 | 0.00 | 1.19 | 0.00 | N | 5.9 |
| 10/16/2025 12:30 | | | 5.28 | 0.00 | 1.13 | 0.00 | N | 6.4 |
| 10/16/2025 12:45 | | | 3.45 | 0.00 | 1.13 | 0.00 | N | 6.7 |
| 10/16/2025 13:00 | | | 4.35 | 0.00 | 1.14 | 0.00 | N | 4.3 |
| 10/16/2025 13:15 | | | 17.01 | 0.00 | 1.72 | 0.00 | NNW | 5.0 |
| 10/16/2025 13:30 | | | 27.63 | 0.00 | 1.41 | 0.00 | NNW | 7.0 |
| 10/16/2025 13:45 | | | 14.05 | 0.00 | 1.19 | 0.00 | NNW | 6.0 |
| 10/16/2025 14:00 | | | 8.11 | 0.00 | 1.68 | 0.00 | NNW | 7.0 |
| 10/16/2025 14:15 | | | 4.04 | 0.00 | 2.61 | 0.00 | NNW | 5.7 |
| 10/16/2025 14:30 | | | 6.50 | 0.00 | 4.14 | 0.00 | NNW | 5.8 |

| Date/Time | Northern Location PM10 (µg/m³) | Northern Location VOC (ppm) | Southeast Location PM10 (µg/m³) | Southeast Location VOC (ppm) | West Location PM10 (µg/m³) | West Location VOC (ppm) | Wind Direction | Wind Speed |
|---|---|---|---|---|---|---|---|---|
| 10/16/2025 14:45 | | | 15.14 | 0.00 | 3.59 | 0.00 | NNW | 6.7 |
| 10/16/2025 15:00 | | | 5.14 | 0.00 | 1.26 | 0.00 | NNW | 7.1 |
| 10/16/2025 15:15 | | | 7.70 | 0.00 | 1.62 | 0.00 | NNW | 7.5 |
| 10/16/2025 15:30 | | | 6.85 | 0.00 | 1.40 | 0.00 | NNW | 6.8 |
| 10/16/2025 15:45 | | | 9.01 | 0.00 | 2.26 | 0.00 | NNW | 7.4 |
| 10/16/2025 16:00 | | | 5.06 | 0.00 | 1.93 | 0.00 | NNW | 6.9 |
| 10/16/2025 16:15 | | | 3.43 | 0.00 | 1.43 | 0.00 | NNW | 6.8 |
| 10/16/2025 16:30 | | | 6.04 | 0.00 | 1.44 | 0.00 | NNW | 6.5 |
| 10/16/2025 16:45 | | | 3.77 | 0.00 | 1.30 | 0.00 | N | 7.8 |
| 10/16/2025 17:00 | | | 3.60 | 0.00 | 2.87 | 0.00 | N | 7.4 |
| 10/16/2025 17:15 | | | 4.07 | 0.00 | 1.31 | 0.00 | NNW | 5.9 |