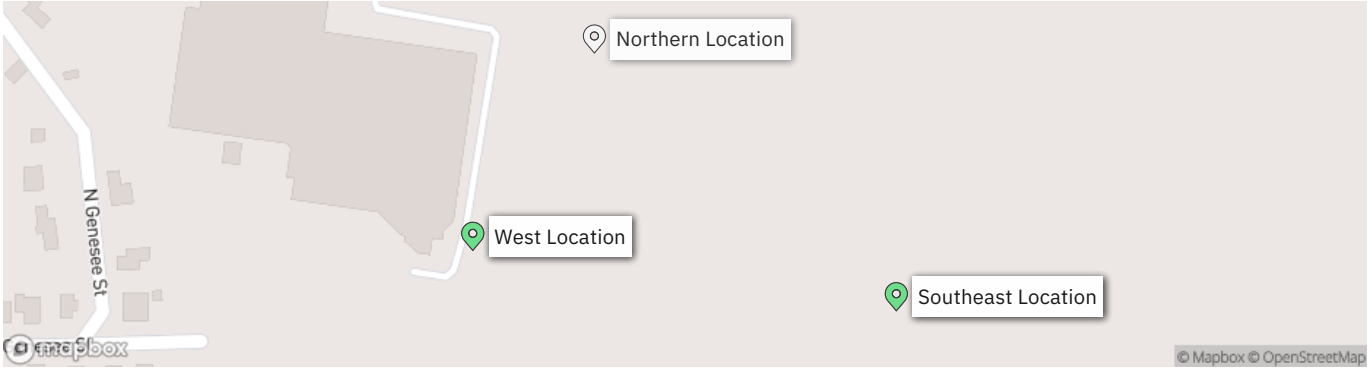
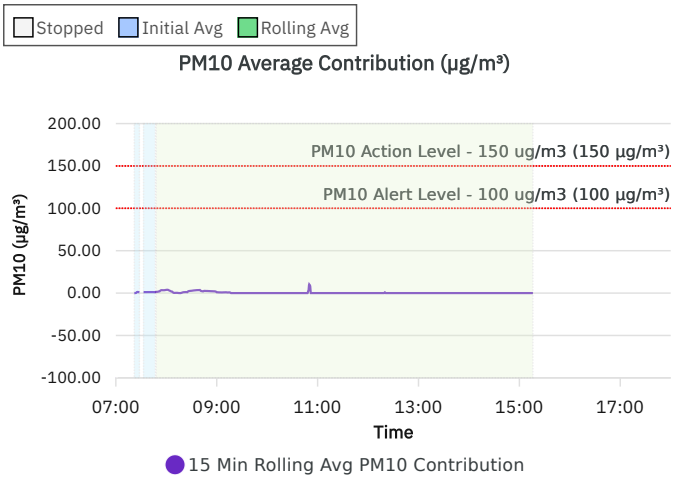
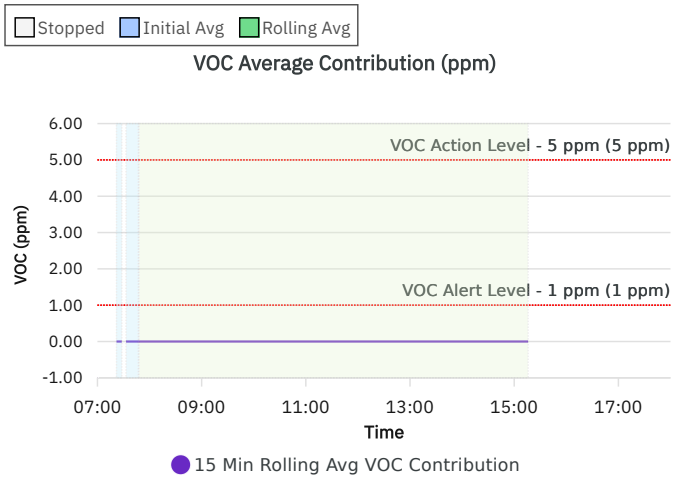
| | | | |
|---|---|---|---|
| aeroqual | Site Contribution Report | Wyoming County - DEC Site Number V00189 | |
| | | Report Period | |
| | | From: | 10/17/2025 07:00 |
| | | To: | 10/17/2025 18:00 |
| | | PM10 Action Level: | 150 µg/m³ |
| | | VOC Action Level: | 5 ppm |

| Daily Environmental Summary | Temp (°F) | Relative Humidity (%) | Barometer (inHg) | Wind Speed (mph) | Prevailing Wind Direction |
|---|---|---|---|---|---|
| 10/17/2025 | 38.7 - 54.1 | 66.0 - 86.7 | 30.2 - 30.3 | 0.4 - 5.3 | NE |

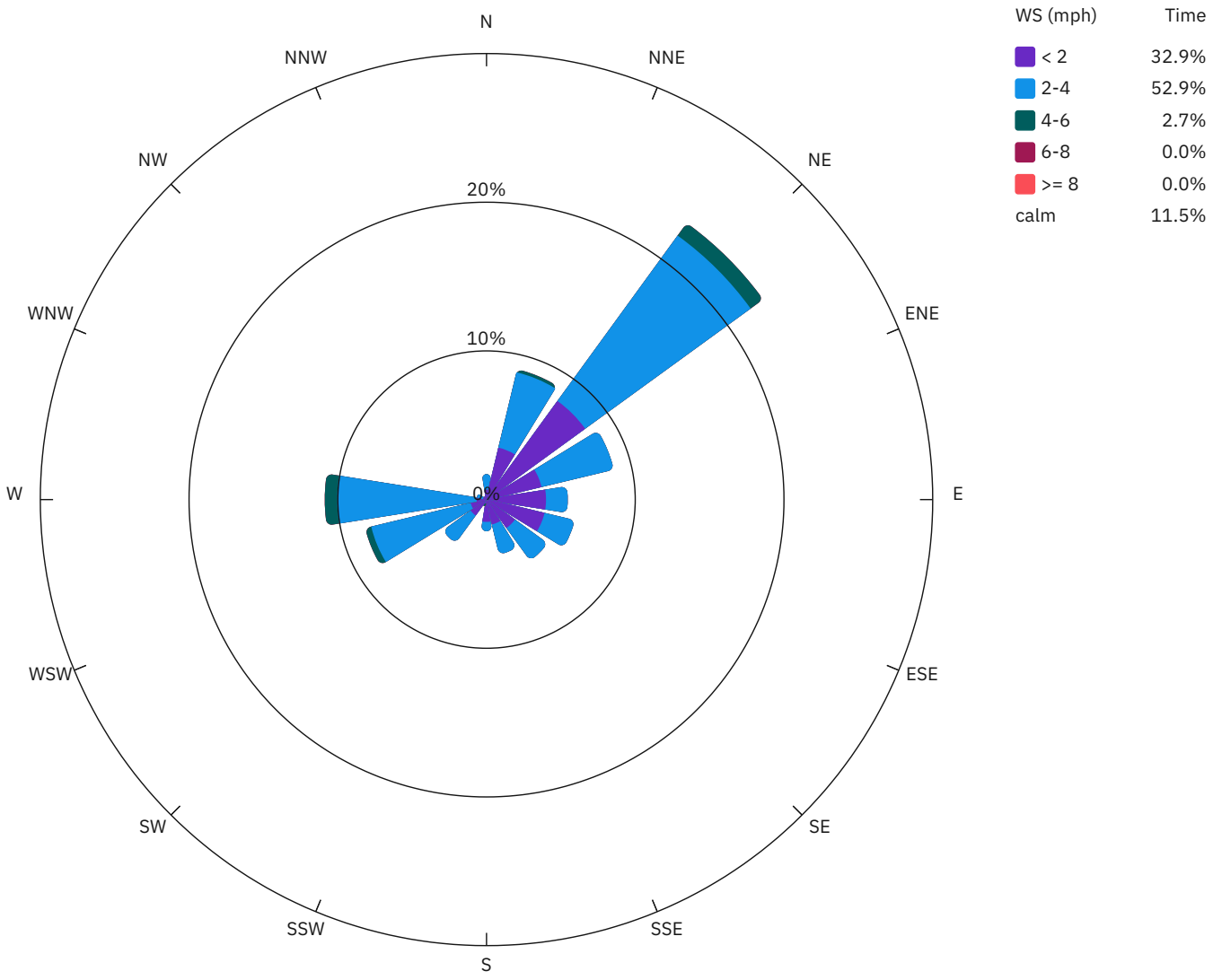
| Daily Monitoring Summary | PM10 (µg/m³) | Time | VOC (ppm) | Time |
|---|---|---|---|---|
| Min Contribution (15 min avg.) - 10/17/2025 | 0.00 | 09:30 | 0.00 | 07:45 |
| Max Contribution (15 min avg.) - 10/17/2025 | 3.80 | 08:00 | 0.00 | 07:45 |
| Daily Avg. Contribution (15 min avg.) - 10/17/2025 | 0.39 | - | 0.00 | - |



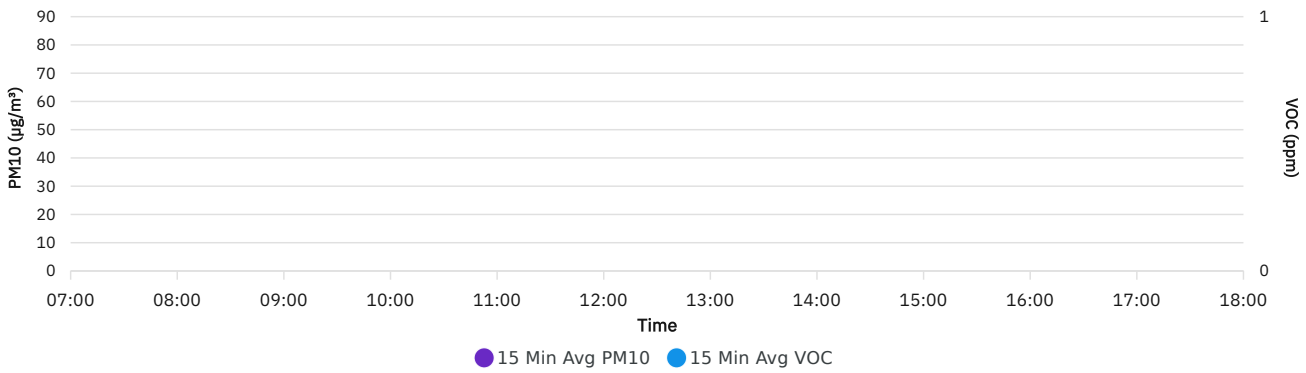



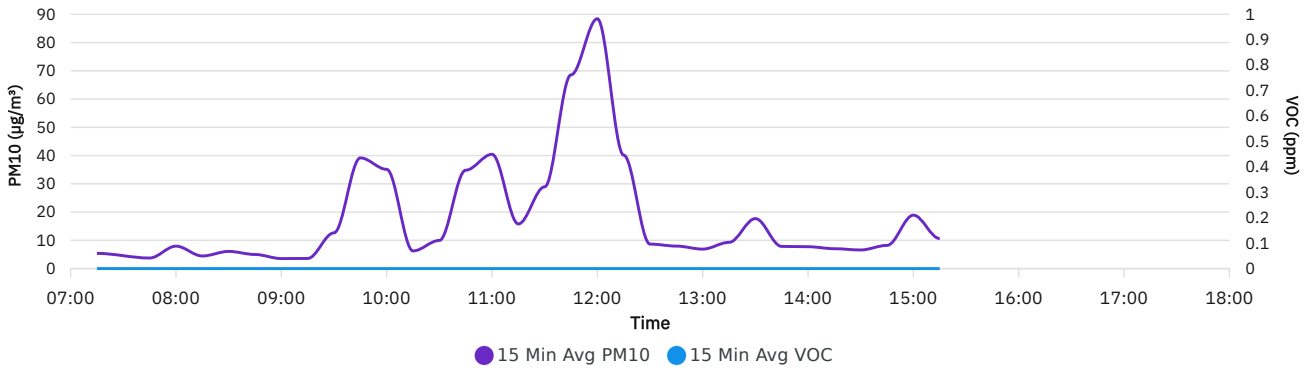
Wind rose (mph)



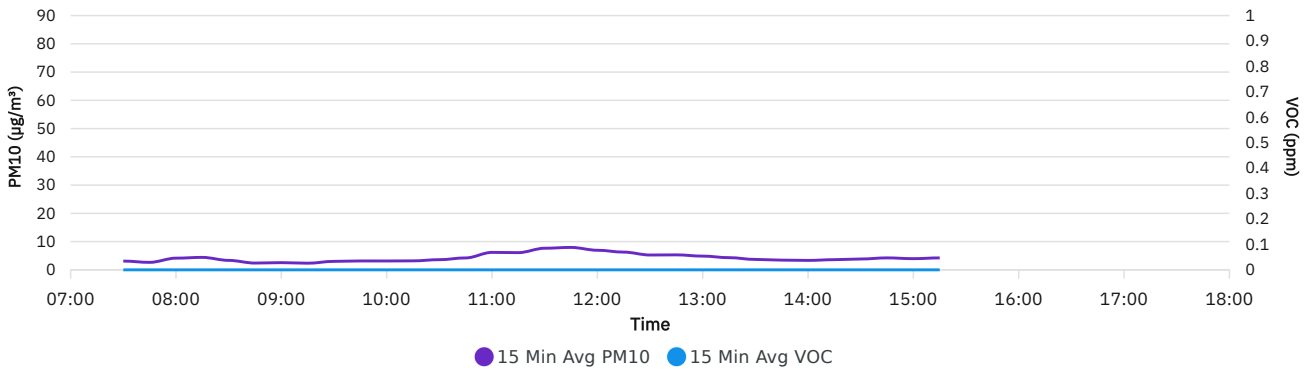

Northern Location



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 |
|---|---|---|---|---|---|---|---|---|
| 10/17/2025 07:30 | | | | | | | 2.9 | SW |
| 10/17/2025 07:45 | 2.57 | 3.74 | 1.17 | 0.00 | 0.00 | 0.00 | 3.8 | W |
| 10/17/2025 08:00 | 4.14 | 7.94 | 3.80 | 0.00 | 0.00 | 0.00 | 2.8 | WSW |
| 10/17/2025 08:15 | 4.41 | 4.46 | 0.05 | 0.00 | 0.00 | 0.00 | 3.1 | W |
| 10/17/2025 08:30 | 3.35 | 6.08 | 2.73 | 0.00 | 0.00 | 0.00 | 2.4 | WSW |
| 10/17/2025 08:45 | 2.40 | 4.99 | 2.59 | 0.00 | 0.00 | 0.00 | 2.8 | W |
| 10/17/2025 09:00 | 2.55 | 3.54 | 0.99 | 0.00 | 0.00 | 0.00 | 2.8 | WSW |
| 10/17/2025 09:15 | 2.55 | 3.39 | 0.85 | 0.00 | 0.00 | 0.00 | 1.3 | W |
| 10/17/2025 09:30 | 12.65 | 3.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.9 | ESE |
| 10/17/2025 09:45 | 39.18 | 3.15 | 0.00 | 0.00 | 0.00 | 0.00 | 1.6 | NE |
| 10/17/2025 10:00 | 35.13 | 3.14 | 0.00 | 0.00 | 0.00 | 0.00 | 1.4 | NE |
| 10/17/2025 10:15 | 6.25 | 3.18 | 0.00 | 0.00 | 0.00 | 0.00 | 1.4 | NE |
| 10/17/2025 10:30 | 9.96 | 3.60 | 0.00 | 0.00 | 0.00 | 0.00 | 1.9 | NE |
| 10/17/2025 10:45 | 21.96 | 17.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.3 | E |
| 10/17/2025 11:00 | 39.98 | 6.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.8 | ESE |
| 10/17/2025 11:15 | 15.80 | 6.09 | 0.00 | 0.00 | 0.00 | 0.00 | 2.0 | ENE |
| 10/17/2025 11:30 | 28.94 | 7.65 | 0.00 | 0.00 | 0.00 | 0.00 | 1.8 | E |
| 10/17/2025 11:45 | 67.39 | 9.11 | 0.00 | 0.00 | 0.00 | 0.00 | 2.2 | NE |
| 10/17/2025 12:00 | 88.42 | 6.93 | 0.00 | 0.00 | 0.00 | 0.00 | 1.8 | ESE |
| 10/17/2025 12:15 | 33.02 | 13.41 | 0.00 | 0.00 | 0.00 | 0.00 | 1.5 | SE |
| 10/17/2025 12:30 | 8.67 | 5.25 | 0.00 | 0.00 | 0.00 | 0.00 | 1.8 | SE |
| 10/17/2025 12:45 | 7.82 | 5.44 | 0.00 | 0.00 | 0.00 | 0.00 | 2.7 | NE |
| 10/17/2025 13:00 | 6.75 | 5.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.3 | ESE |
| 10/17/2025 13:15 | 7.33 | 6.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.6 | E |
| 10/17/2025 13:30 | 15.74 | 5.64 | 0.00 | 0.00 | 0.00 | 0.00 | 0.8 | ENE |
| 10/17/2025 13:45 | 7.85 | 3.44 | 0.00 | 0.00 | 0.00 | 0.00 | 2.6 | NE |
| 10/17/2025 14:00 | 7.74 | 3.34 | 0.00 | 0.00 | 0.00 | 0.00 | 2.9 | NE |
| 10/17/2025 14:15 | 6.88 | 3.74 | 0.00 | 0.00 | 0.00 | 0.00 | 1.8 | NE |
| 10/17/2025 14:30 | 6.00 | 4.42 | 0.00 | 0.00 | 0.00 | 0.00 | 2.1 | NE |
| 10/17/2025 14:45 | 7.99 | 4.45 | 0.00 | 0.00 | 0.00 | 0.00 | 2.2 | NE |
| 10/17/2025 15:00 | 18.91 | 3.96 | 0.00 | 0.00 | 0.00 | 0.00 | 2.3 | ENE |

| 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 |
|---|---|---|---|---|---|---|---|---|
| 10/17/2025 15:15 | 9.02 | 5.85 | 0.00 | 0.00 | 0.00 | 0.00 | 2.3 | NE |

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 |
|---|---|---|---|---|---|---|---|---|
| 10/17/2025 07:15 | | | 5.38 | 0.00 | | | | |
| 10/17/2025 07:30 | | | | | 3.10 | 0.00 | SW | 2.9 |
| 10/17/2025 07:45 | | | 3.74 | 0.00 | 2.65 | 0.00 | W | 3.8 |
| 10/17/2025 08:00 | | | 7.94 | 0.00 | 4.14 | 0.00 | WSW | 2.8 |
| 10/17/2025 08:15 | | | 4.46 | 0.00 | 4.41 | 0.00 | W | 3.1 |
| 10/17/2025 08:30 | | | 6.08 | 0.00 | 3.35 | 0.00 | WSW | 2.4 |
| 10/17/2025 08:45 | | | 4.99 | 0.00 | 2.40 | 0.00 | W | 2.8 |
| 10/17/2025 09:00 | | | 3.54 | 0.00 | 2.55 | 0.00 | WSW | 2.8 |
| 10/17/2025 09:15 | | | 3.59 | 0.00 | 2.35 | 0.00 | W | 1.3 |
| 10/17/2025 09:30 | | | 12.65 | 0.00 | 3.00 | 0.00 | ESE | 0.9 |
| 10/17/2025 09:45 | | | 39.18 | 0.00 | 3.15 | 0.00 | NE | 1.6 |
| 10/17/2025 10:00 | | | 35.13 | 0.00 | 3.14 | 0.00 | NE | 1.4 |
| 10/17/2025 10:15 | | | 6.25 | 0.00 | 3.18 | 0.00 | NE | 1.4 |
| 10/17/2025 10:30 | | | 9.96 | 0.00 | 3.60 | 0.00 | NE | 1.9 |
| 10/17/2025 10:45 | | | 34.82 | 0.00 | 4.22 | 0.00 | E | 0.3 |
| 10/17/2025 11:00 | | | 40.46 | 0.00 | 6.18 | 0.00 | ESE | 0.8 |
| 10/17/2025 11:15 | | | 15.80 | 0.00 | 6.09 | 0.00 | ENE | 2.0 |
| 10/17/2025 11:30 | | | 28.94 | 0.00 | 7.65 | 0.00 | E | 1.8 |
| 10/17/2025 11:45 | | | 68.57 | 0.00 | 7.94 | 0.00 | NE | 2.2 |
| 10/17/2025 12:00 | | | 88.42 | 0.00 | 6.93 | 0.00 | ESE | 1.8 |
| 10/17/2025 12:15 | | | 40.15 | 0.00 | 6.28 | 0.00 | SE | 1.5 |
| 10/17/2025 12:30 | | | 8.67 | 0.00 | 5.25 | 0.00 | SE | 1.8 |
| 10/17/2025 12:45 | | | 7.96 | 0.00 | 5.30 | 0.00 | NE | 2.7 |
| 10/17/2025 13:00 | | | 6.89 | 0.00 | 4.86 | 0.00 | ESE | 1.3 |
| 10/17/2025 13:15 | | | 9.28 | 0.00 | 4.31 | 0.00 | E | 0.6 |
| 10/17/2025 13:30 | | | 17.69 | 0.00 | 3.69 | 0.00 | ENE | 0.8 |
| 10/17/2025 13:45 | | | 7.85 | 0.00 | 3.44 | 0.00 | NE | 2.6 |
| 10/17/2025 14:00 | | | 7.74 | 0.00 | 3.34 | 0.00 | NE | 2.9 |
| 10/17/2025 14:15 | | | 7.03 | 0.00 | 3.60 | 0.00 | NE | 1.8 |

| 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 |
|---|---|---|---|---|---|---|---|---|
| 10/17/2025 14:30 | | | 6.59 | 0.00 | 3.84 | 0.00 | NE | 2.1 |
| 10/17/2025 14:45 | | | 8.21 | 0.00 | 4.23 | 0.00 | NE | 2.2 |
| 10/17/2025 15:00 | | | 18.91 | 0.00 | 3.96 | 0.00 | ENE | 2.3 |
| 10/17/2025 15:15 | | | 10.64 | 0.00 | 4.23 | 0.00 | NE | 2.3 |