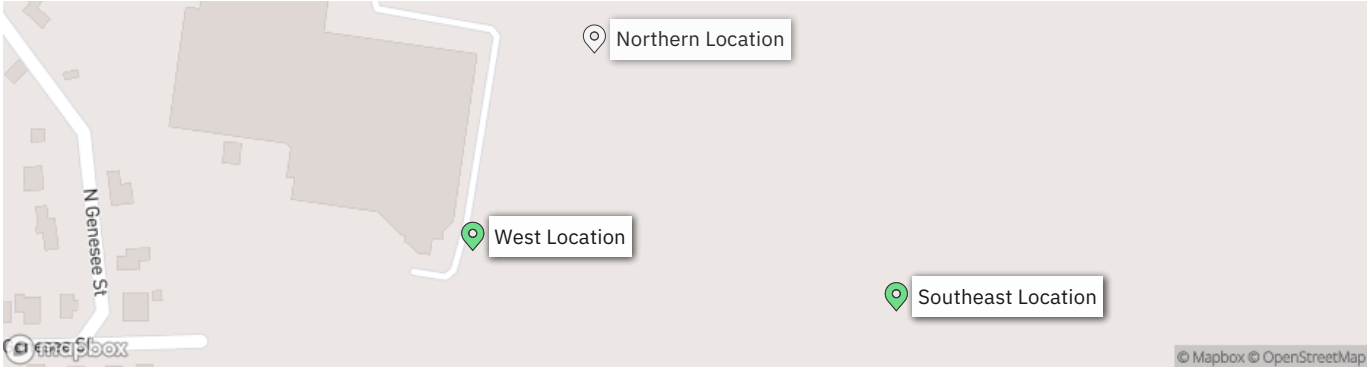
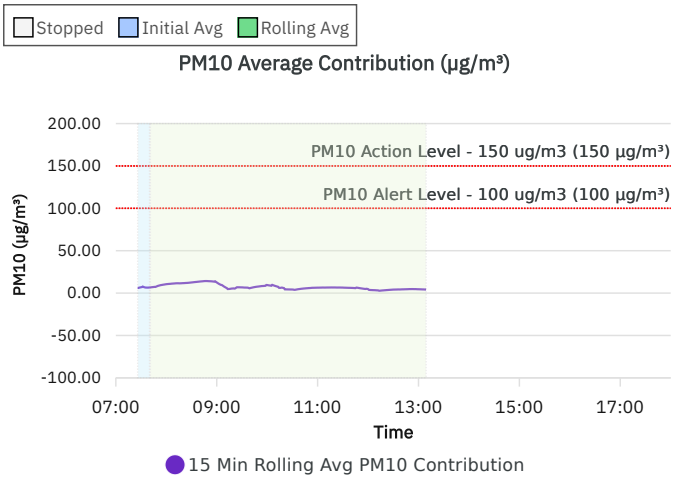
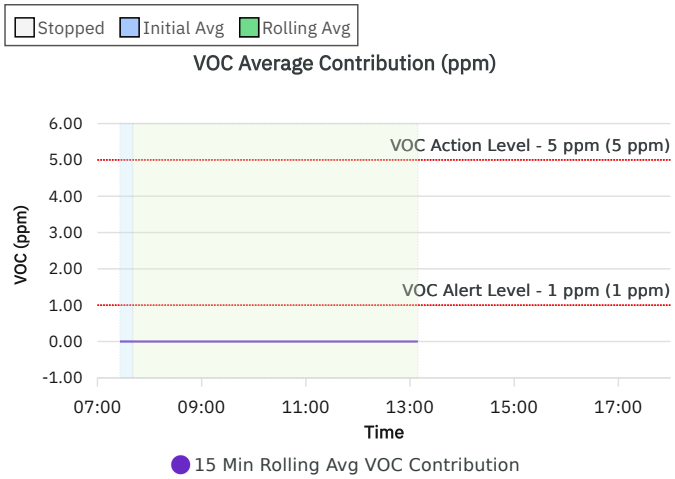
| | | | |
|---|---|---|---|
| aeroqual | Site Contribution Report | Wyoming County - DEC Site Number V00189 | |
| | | Report Period | |
| | | From: | 10/20/2025 07:00 |
| | | To: | 10/20/2025 18:00 |
| | | PM10 Action Level: | 150 µg/m³ |
| | | VOC Action Level: | 5 ppm |

| Daily Environmental Summary | Temp (°F) | Relative Humidity (%) | Barometer (inHg) | Wind Speed (mph) | Prevailing Wind Direction |
|---|---|---|---|---|---|
| 10/20/2025 | 46.2 - 50.4 | 82.8 - 96.5 | 29.8 - 30.0 | 3.9 - 15.3 | W |

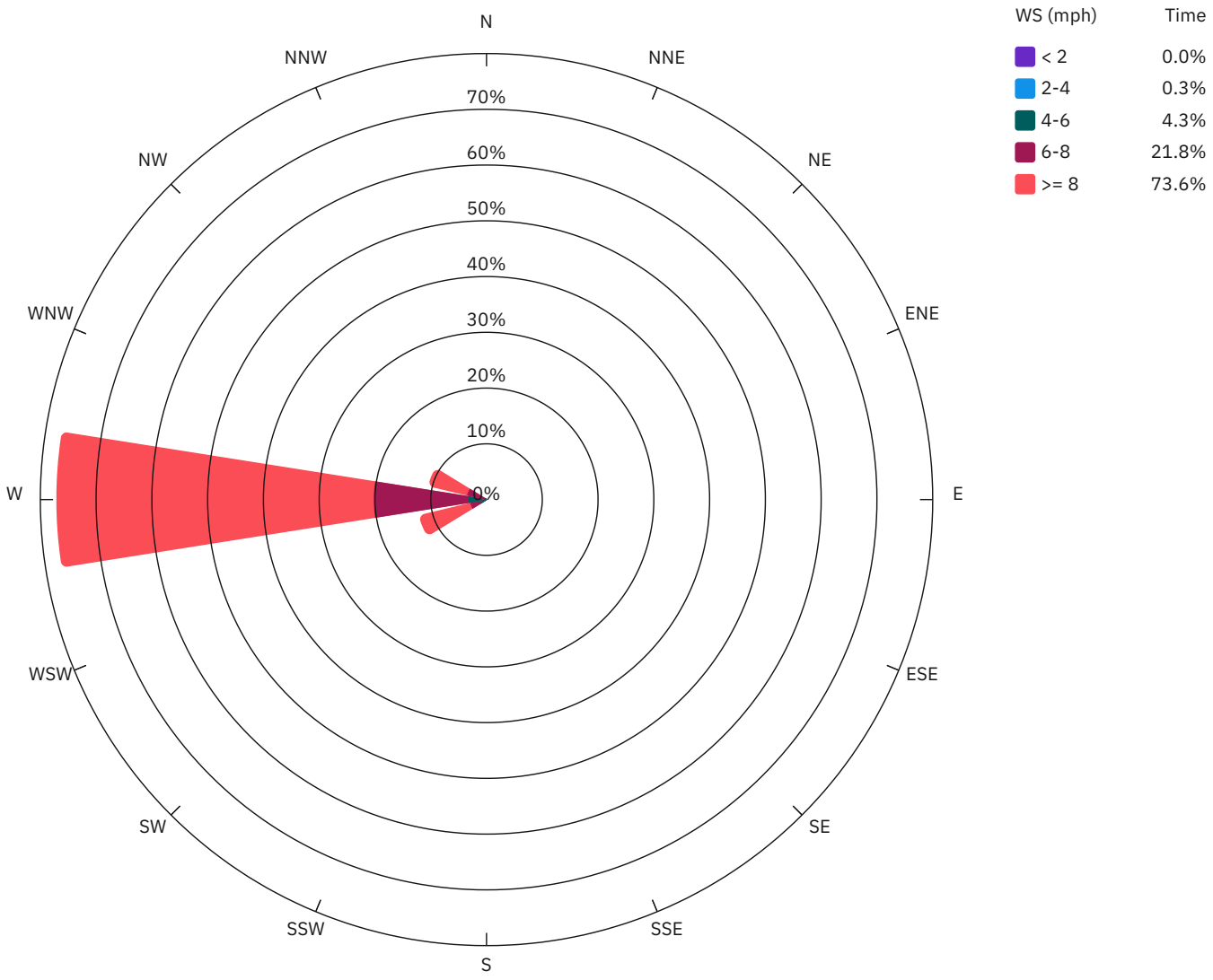
| Daily Monitoring Summary | PM10 (µg/m³) | Time | VOC (ppm) | Time |
|---|---|---|---|---|
| Min Contribution (15 min avg.) - 10/20/2025 | 2.93 | 12:15 | 0.00 | 07:30 |
| Max Contribution (15 min avg.) - 10/20/2025 | 14.11 | 08:45 | 0.00 | 07:30 |
| Daily Avg. Contribution (15 min avg.) - 10/20/2025 | 7.20 | - | 0.00 | - |



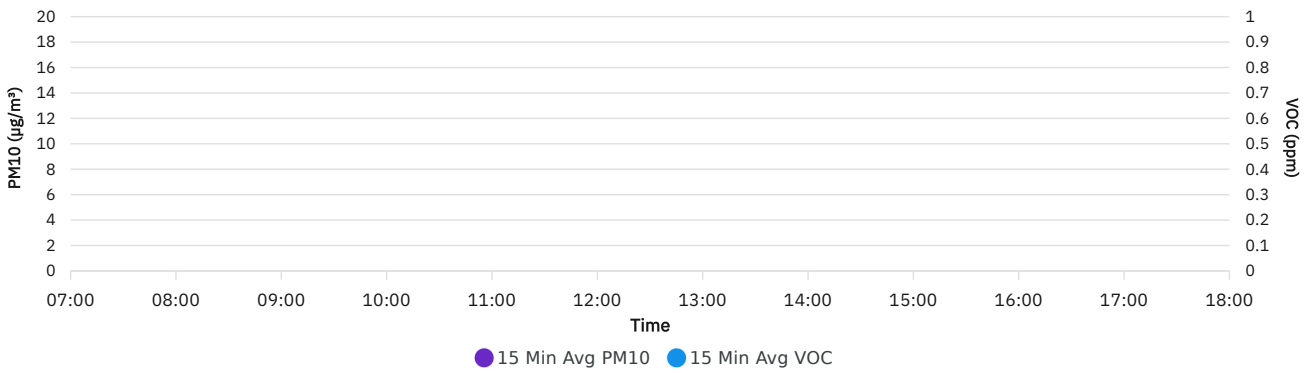



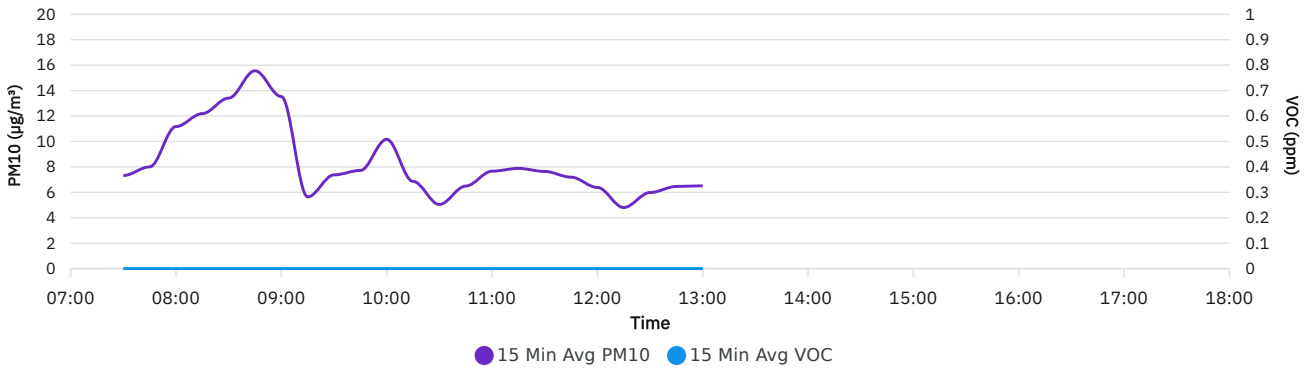
Wind rose (mph)



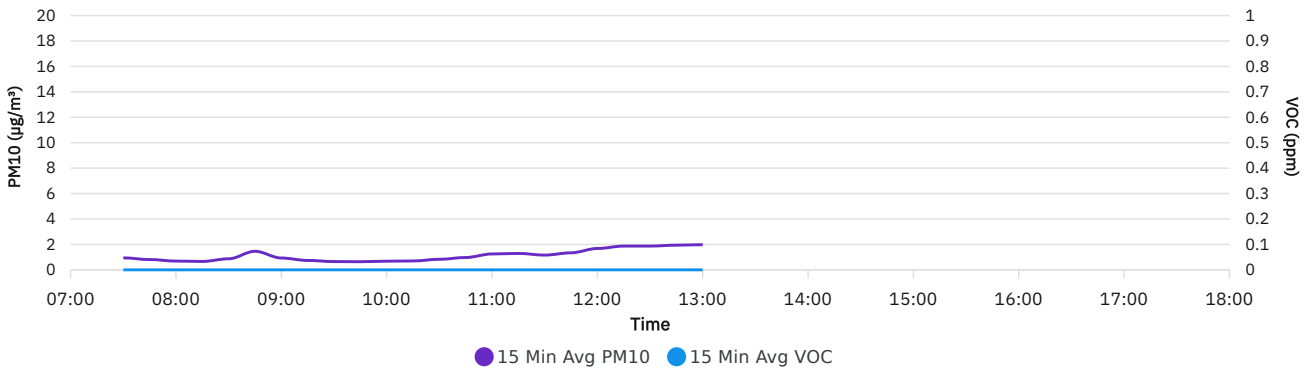

Northern Location



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 |
|---|---|---|---|---|---|---|---|---|
| 10/20/2025 07:30 | 0.94 | 7.84 | 6.91 | 0.00 | 0.00 | 0.00 | 12.0 | W |
| 10/20/2025 07:45 | 0.81 | 8.00 | 7.19 | 0.00 | 0.00 | 0.00 | 11.5 | W |
| 10/20/2025 08:00 | 0.69 | 11.17 | 10.49 | 0.00 | 0.00 | 0.00 | 11.4 | W |
| 10/20/2025 08:15 | 0.66 | 12.19 | 11.53 | 0.00 | 0.00 | 0.00 | 11.0 | W |
| 10/20/2025 08:30 | 0.87 | 13.41 | 12.54 | 0.00 | 0.00 | 0.00 | 9.2 | W |
| 10/20/2025 08:45 | 1.46 | 15.56 | 14.11 | 0.00 | 0.00 | 0.00 | 8.9 | W |
| 10/20/2025 09:00 | 0.93 | 13.53 | 12.59 | 0.00 | 0.00 | 0.00 | 9.1 | W |
| 10/20/2025 09:15 | 0.74 | 5.64 | 4.90 | 0.00 | 0.00 | 0.00 | 7.2 | W |
| 10/20/2025 09:30 | 0.65 | 7.37 | 6.72 | 0.00 | 0.00 | 0.00 | 8.9 | W |
| 10/20/2025 09:45 | 0.64 | 7.72 | 7.07 | 0.00 | 0.00 | 0.00 | 8.6 | W |
| 10/20/2025 10:00 | 0.68 | 10.17 | 9.49 | 0.00 | 0.00 | 0.00 | 9.6 | W |
| 10/20/2025 10:15 | 0.70 | 6.86 | 6.16 | 0.00 | 0.00 | 0.00 | 9.2 | W |
| 10/20/2025 10:30 | 0.83 | 5.04 | 4.21 | 0.00 | 0.00 | 0.00 | 9.4 | W |
| 10/20/2025 10:45 | 0.97 | 6.49 | 5.51 | 0.00 | 0.00 | 0.00 | 8.1 | W |
| 10/20/2025 11:00 | 1.25 | 7.66 | 6.41 | 0.00 | 0.00 | 0.00 | 9.9 | W |
| 10/20/2025 11:15 | 1.29 | 7.88 | 6.59 | 0.00 | 0.00 | 0.00 | 8.5 | W |
| 10/20/2025 11:30 | 1.16 | 7.64 | 6.48 | 0.00 | 0.00 | 0.00 | 8.4 | W |
| 10/20/2025 11:45 | 1.34 | 7.19 | 5.85 | 0.00 | 0.00 | 0.00 | 9.2 | W |
| 10/20/2025 12:00 | 1.68 | 6.38 | 4.69 | 0.00 | 0.00 | 0.00 | 8.7 | W |
| 10/20/2025 12:15 | 1.87 | 4.80 | 2.93 | 0.00 | 0.00 | 0.00 | 9.6 | W |
| 10/20/2025 12:30 | 1.87 | 5.98 | 4.11 | 0.00 | 0.00 | 0.00 | 11.2 | W |
| 10/20/2025 12:45 | 1.94 | 6.46 | 4.52 | 0.00 | 0.00 | 0.00 | 9.4 | W |
| 10/20/2025 13:00 | 1.98 | 6.51 | 4.53 | 0.00 | 0.00 | 0.00 | 9.3 | W |

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 |
|---|---|---|---|---|---|---|---|---|
| 10/20/2025 07:30 | | | 7.32 | 0.00 | 0.94 | 0.00 | W | 12.0 |
| 10/20/2025 07:45 | | | 8.00 | 0.00 | 0.81 | 0.00 | W | 11.5 |
| 10/20/2025 08:00 | | | 11.17 | 0.00 | 0.69 | 0.00 | W | 11.4 |
| 10/20/2025 08:15 | | | 12.19 | 0.00 | 0.66 | 0.00 | W | 11.0 |
| 10/20/2025 08:30 | | | 13.41 | 0.00 | 0.87 | 0.00 | W | 9.2 |
| 10/20/2025 08:45 | | | 15.56 | 0.00 | 1.46 | 0.00 | W | 8.9 |
| 10/20/2025 09:00 | | | 13.53 | 0.00 | 0.93 | 0.00 | W | 9.1 |
| 10/20/2025 09:15 | | | 5.64 | 0.00 | 0.74 | 0.00 | W | 7.2 |
| 10/20/2025 09:30 | | | 7.37 | 0.00 | 0.65 | 0.00 | W | 8.9 |
| 10/20/2025 09:45 | | | 7.72 | 0.00 | 0.64 | 0.00 | W | 8.6 |
| 10/20/2025 10:00 | | | 10.17 | 0.00 | 0.68 | 0.00 | W | 9.6 |
| 10/20/2025 10:15 | | | 6.86 | 0.00 | 0.70 | 0.00 | W | 9.2 |
| 10/20/2025 10:30 | | | 5.04 | 0.00 | 0.83 | 0.00 | W | 9.4 |
| 10/20/2025 10:45 | | | 6.49 | 0.00 | 0.97 | 0.00 | W | 8.1 |
| 10/20/2025 11:00 | | | 7.66 | 0.00 | 1.25 | 0.00 | W | 9.9 |
| 10/20/2025 11:15 | | | 7.88 | 0.00 | 1.29 | 0.00 | W | 8.5 |
| 10/20/2025 11:30 | | | 7.64 | 0.00 | 1.16 | 0.00 | W | 8.4 |
| 10/20/2025 11:45 | | | 7.19 | 0.00 | 1.34 | 0.00 | W | 9.2 |
| 10/20/2025 12:00 | | | 6.38 | 0.00 | 1.68 | 0.00 | W | 8.7 |
| 10/20/2025 12:15 | | | 4.80 | 0.00 | 1.87 | 0.00 | W | 9.6 |
| 10/20/2025 12:30 | | | 5.98 | 0.00 | 1.87 | 0.00 | W | 11.2 |
| 10/20/2025 12:45 | | | 6.46 | 0.00 | 1.94 | 0.00 | W | 9.4 |
| 10/20/2025 13:00 | | | 6.51 | 0.00 | 1.98 | 0.00 | W | 9.3 |