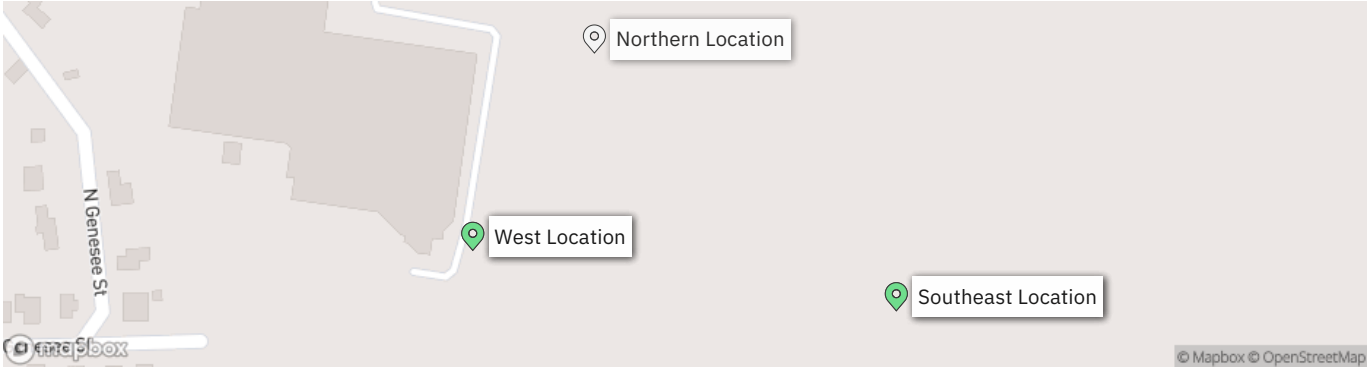
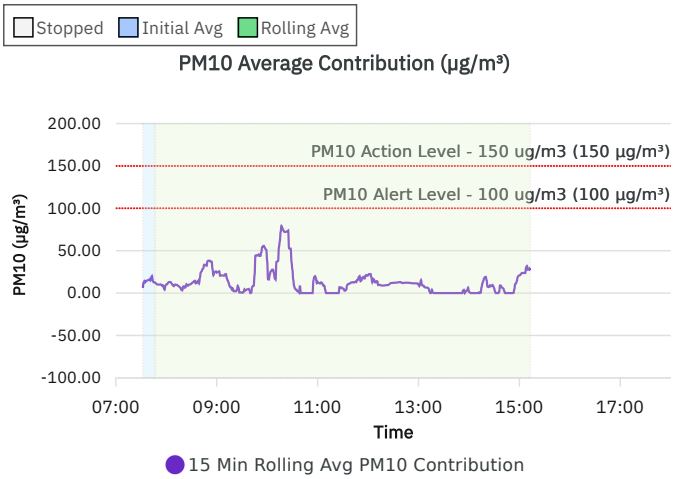
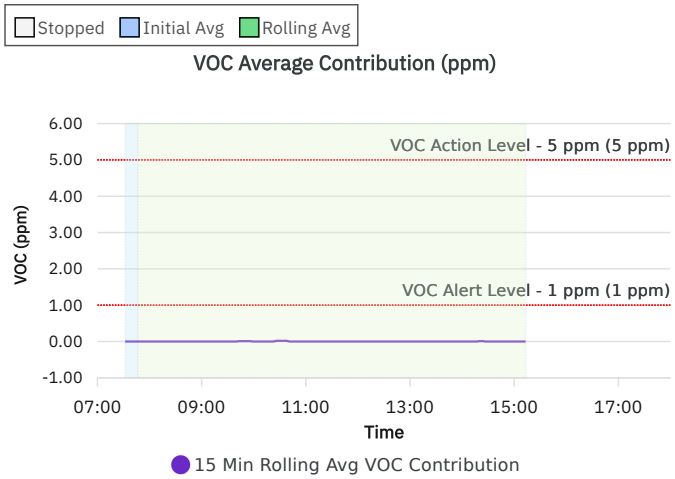
| | | | |
|---|---|---|---|
| aeroqual | Site Contribution Report | Wyoming County - DEC Site Number V00189 | |
| | | Report Period | |
| | | From: | 10/03/2025 07:00 |
| | | To: | 10/03/2025 18:00 |
| | | PM10 Action Level: | 150 µg/m³ |
| | | VOC Action Level: | 5 ppm |

| Daily Environmental Summary | Temp (°F) | Relative Humidity (%) | Barometer (inHg) | Wind Speed (mph) | Prevailing Wind Direction |
|---|---|---|---|---|---|
| 10/03/2025 | 50.5 - 79.7 | 45.3 - 82.0 | 30.3 - 30.5 | 0.6 - 9.4 | WSW |

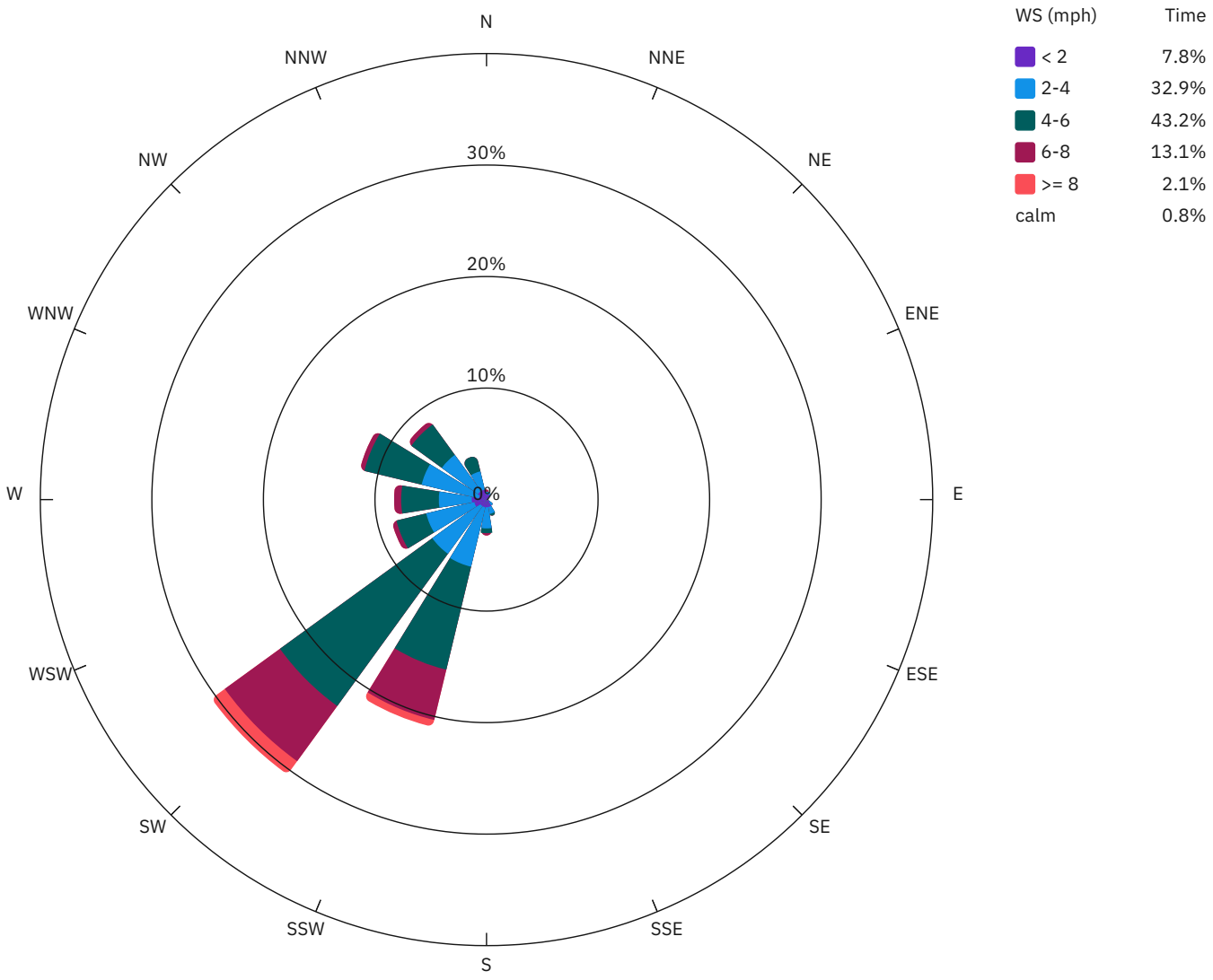
| Daily Monitoring Summary | PM10 (µg/m³) | Time | VOC (ppm) | Time |
|---|---|---|---|---|
| Min Contribution (15 min avg.) - 10/3/2025 | 0.00 | 10:45 | 0.00 | 07:30 |
| Max Contribution (15 min avg.) - 10/3/2025 | 60.73 | 10:15 | 0.02 | 10:30 |
| Daily Avg. Contribution (15 min avg.) - 10/3/2025 | 12.70 | - | 0.00 | - |



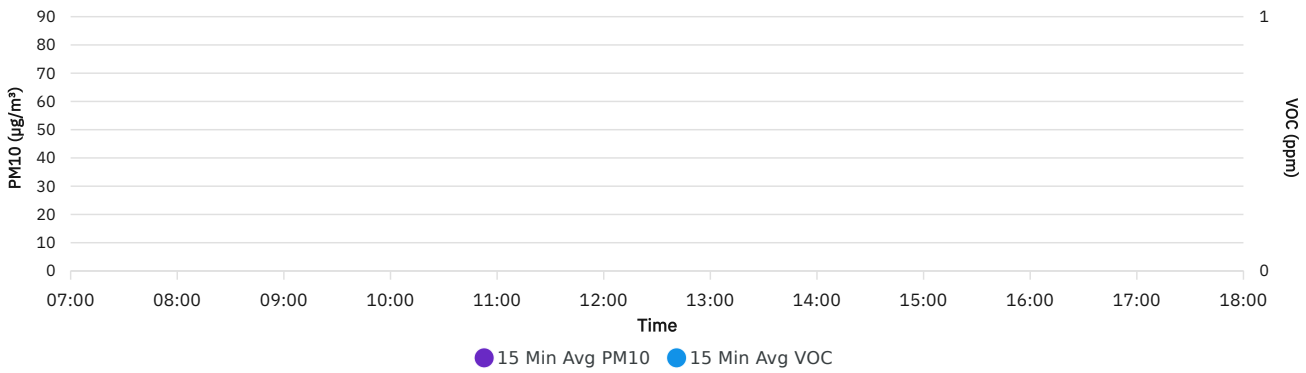



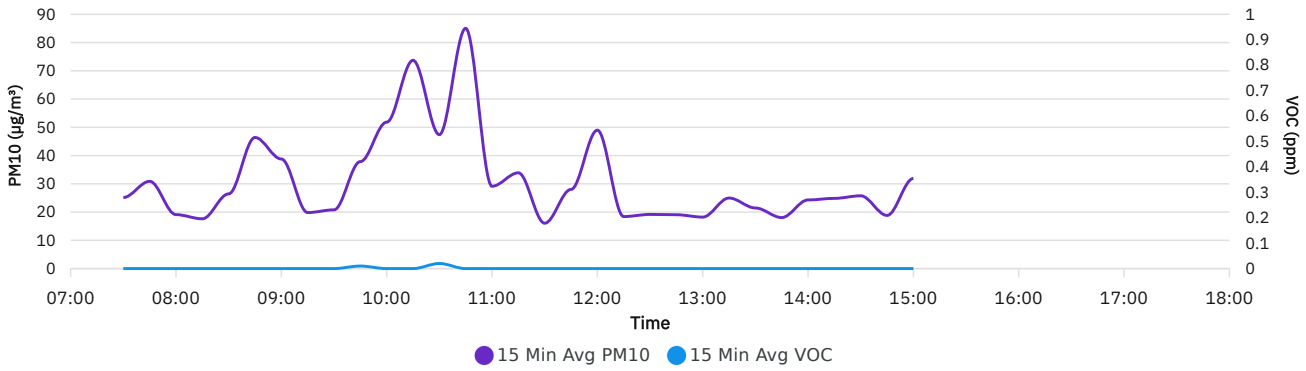
Wind rose (mph)



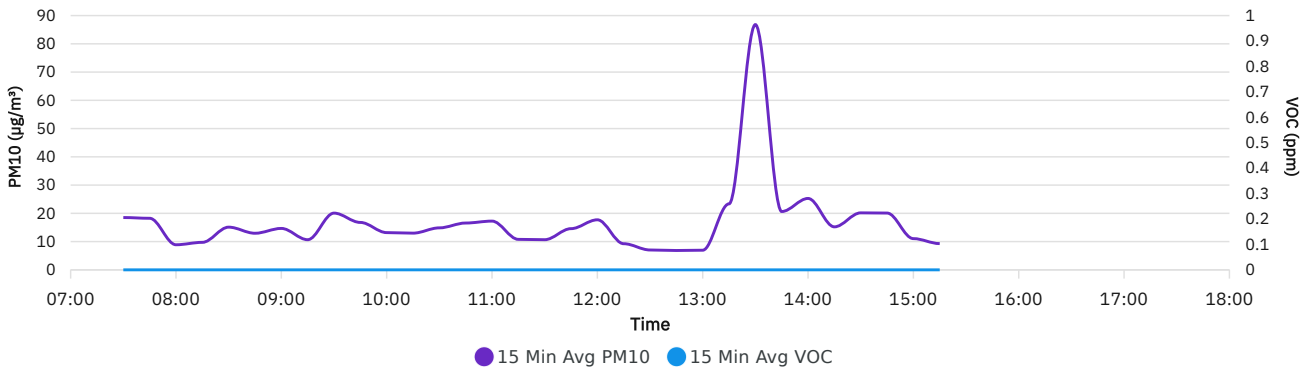

Northern Location



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 |
|---|---|---|---|---|---|---|---|---|
| 10/3/2025 07:30 | 19.62 | 25.16 | 5.54 | 0.00 | 0.00 | 0.00 | 5.2 | SW |
| 10/3/2025 07:45 | 18.15 | 30.89 | 12.74 | 0.00 | 0.00 | 0.00 | 5.0 | SW |
| 10/3/2025 08:00 | 8.88 | 19.10 | 10.22 | 0.00 | 0.00 | 0.00 | 5.3 | SW |
| 10/3/2025 08:15 | 9.73 | 17.62 | 7.90 | 0.00 | 0.00 | 0.00 | 4.9 | SW |
| 10/3/2025 08:30 | 15.11 | 26.44 | 11.33 | 0.00 | 0.00 | 0.00 | 4.6 | SSW |
| 10/3/2025 08:45 | 12.95 | 46.40 | 33.45 | 0.00 | 0.00 | 0.00 | 6.1 | SW |
| 10/3/2025 09:00 | 14.66 | 38.79 | 24.13 | 0.00 | 0.00 | 0.00 | 5.7 | SSW |
| 10/3/2025 09:15 | 10.67 | 19.83 | 9.15 | 0.00 | 0.00 | 0.00 | 5.7 | SW |
| 10/3/2025 09:30 | 20.08 | 20.79 | 0.71 | 0.00 | 0.00 | 0.00 | 7.1 | SW |
| 10/3/2025 09:45 | 16.78 | 37.87 | 21.09 | 0.00 | 0.01 | 0.01 | 6.5 | SSW |
| 10/3/2025 10:00 | 13.55 | 51.45 | 37.90 | 0.00 | 0.00 | 0.00 | 5.3 | SSW |
| 10/3/2025 10:15 | 12.99 | 73.72 | 60.73 | 0.00 | 0.00 | 0.00 | 5.2 | SW |
| 10/3/2025 10:30 | 17.28 | 44.98 | 27.70 | 0.00 | 0.02 | 0.02 | 4.3 | SW |
| 10/3/2025 10:45 | 65.98 | 35.61 | 0.00 | 0.00 | 0.00 | 0.00 | 3.3 | SSW |
| 10/3/2025 11:00 | 16.53 | 29.87 | 13.34 | 0.00 | 0.00 | 0.00 | 2.6 | SSW |
| 10/3/2025 11:15 | 28.51 | 16.18 | 0.00 | 0.00 | 0.00 | 0.00 | 2.9 | SSW |
| 10/3/2025 11:30 | 10.67 | 16.06 | 5.38 | 0.00 | 0.00 | 0.00 | 3.2 | W |
| 10/3/2025 11:45 | 14.58 | 28.02 | 13.44 | 0.00 | 0.00 | 0.00 | 2.4 | WSW |
| 10/3/2025 12:00 | 22.99 | 43.72 | 20.72 | 0.00 | 0.00 | 0.00 | 2.2 | WNW |
| 10/3/2025 12:15 | 9.25 | 18.41 | 9.16 | 0.00 | 0.00 | 0.00 | 3.4 | NW |
| 10/3/2025 12:30 | 7.03 | 19.17 | 12.13 | 0.00 | 0.00 | 0.00 | 2.8 | WNW |
| 10/3/2025 12:45 | 6.85 | 19.06 | 12.21 | 0.00 | 0.00 | 0.00 | 3.2 | WNW |
| 10/3/2025 13:00 | 7.67 | 17.50 | 9.83 | 0.00 | 0.00 | 0.00 | 3.1 | WSW |
| 10/3/2025 13:15 | 24.14 | 24.19 | 0.05 | 0.00 | 0.00 | 0.00 | 3.7 | W |
| 10/3/2025 13:30 | 87.59 | 20.66 | 0.00 | 0.00 | 0.00 | 0.00 | 2.8 | WNW |
| 10/3/2025 13:45 | 25.32 | 13.37 | 0.00 | 0.00 | 0.00 | 0.00 | 1.8 | WNW |
| 10/3/2025 14:00 | 23.96 | 25.61 | 1.65 | 0.00 | 0.00 | 0.00 | 3.1 | W |
| 10/3/2025 14:15 | 16.61 | 23.46 | 6.85 | 0.00 | 0.00 | 0.00 | 3.4 | WSW |
| 10/3/2025 14:30 | 20.17 | 25.76 | 5.59 | 0.00 | 0.00 | 0.00 | 3.1 | WSW |
| 10/3/2025 14:45 | 20.10 | 18.82 | 0.00 | 0.00 | 0.00 | 0.00 | 4.1 | NW |
| 10/3/2025 15:00 | 11.05 | 31.89 | 20.84 | 0.00 | 0.00 | 0.00 | 3.0 | WNW |

| 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 |
|---|---|---|---|---|---|---|---|---|
| 10/3/2025 15:15 | | | | | | | 2.6 | WSW |

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 | Upwind | Downwind |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/03/2025 07:30 | | | 25.16 | 0.00 | 18.51 | 0.00 | SW | 5.2 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 07:45 | | | 30.89 | 0.00 | 18.25 | 0.00 | SW | 5.0 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 08:00 | | | 19.10 | 0.00 | 8.88 | 0.00 | SW | 5.3 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 08:15 | | | 17.62 | 0.00 | 9.73 | 0.00 | SW | 4.9 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 08:30 | | | 26.44 | 0.00 | 15.11 | 0.00 | SSW | 4.6 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 08:45 | | | 46.40 | 0.00 | 12.95 | 0.00 | SW | 6.1 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 09:00 | | | 38.79 | 0.00 | 14.66 | 0.00 | SSW | 5.7 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 09:15 | | | 19.83 | 0.00 | 10.67 | 0.00 | SW | 5.7 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 09:30 | | | 20.79 | 0.00 | 20.08 | 0.00 | SW | 7.1 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 09:45 | | | 37.87 | 0.01 | 16.78 | 0.00 | SSW | 6.5 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 10:00 | | | 51.82 | 0.00 | 13.18 | 0.00 | SSW | 5.3 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 10:15 | | | 73.72 | 0.00 | 12.99 | 0.00 | SW | 5.2 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 10:30 | | | 47.41 | 0.02 | 14.86 | 0.00 | SW | 4.3 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 10:45 | | | 85.02 | 0.00 | 16.57 | 0.00 | SSW | 3.3 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 11:00 | | | 29.14 | 0.00 | 17.25 | 0.00 | SSW | 2.6 | West Location | Southeast Location (PM10; VOC) |

| 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 | Upwind | Downwind |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | (PM10; VOC) | |
| 10/03/2025 11:15 | | | 33.90 | 0.00 | 10.79 | 0.00 | SSW | 2.9 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 11:30 | | | 16.06 | 0.00 | 10.67 | 0.00 | W | 3.2 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 11:45 | | | 28.02 | 0.00 | 14.58 | 0.00 | WSW | 2.4 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 12:00 | | | 48.99 | 0.00 | 17.71 | 0.00 | WNW | 2.2 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 12:15 | | | 18.41 | 0.00 | 9.25 | 0.00 | NW | 3.4 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 12:30 | | | 19.17 | 0.00 | 7.03 | 0.00 | WNW | 2.8 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 12:45 | | | 19.06 | 0.00 | 6.85 | 0.00 | WNW | 3.2 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 13:00 | | | 18.22 | 0.00 | 6.95 | 0.00 | WSW | 3.1 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 13:15 | | | 24.97 | 0.00 | 23.36 | 0.00 | W | 3.7 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 13:30 | | | 21.45 | 0.00 | 86.80 | 0.00 | WNW | 2.8 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 13:45 | | | 18.05 | 0.00 | 20.65 | 0.00 | WNW | 1.8 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 14:00 | | | 24.30 | 0.00 | 25.27 | 0.00 | W | 3.1 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 14:15 | | | 24.85 | 0.00 | 15.22 | 0.00 | WSW | 3.4 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 14:30 | | | 25.76 | 0.00 | 20.17 | 0.00 | WSW | 3.1 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 14:45 | | | 18.82 | 0.00 | 20.10 | 0.00 | NW | 4.1 | West Location | Southeast Location (PM10; VOC) |

| 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 | Upwind | Downwind |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | (PM10; VOC) | |
| 10/03/2025 15:00 | | | 31.89 | 0.00 | 11.05 | 0.00 | WNW | 3.0 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/03/2025 15:15 | | | | | 9.29 | 0.00 | WSW | 2.6 | | |