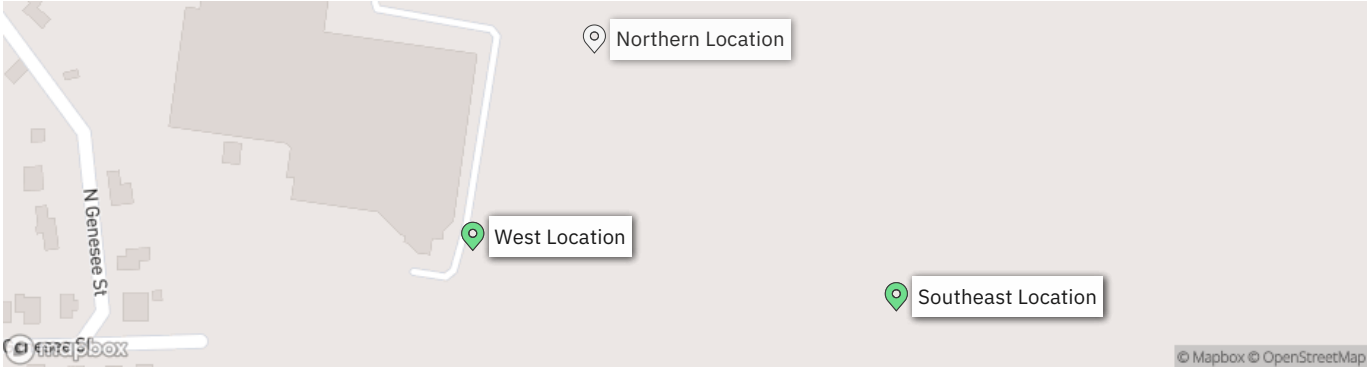
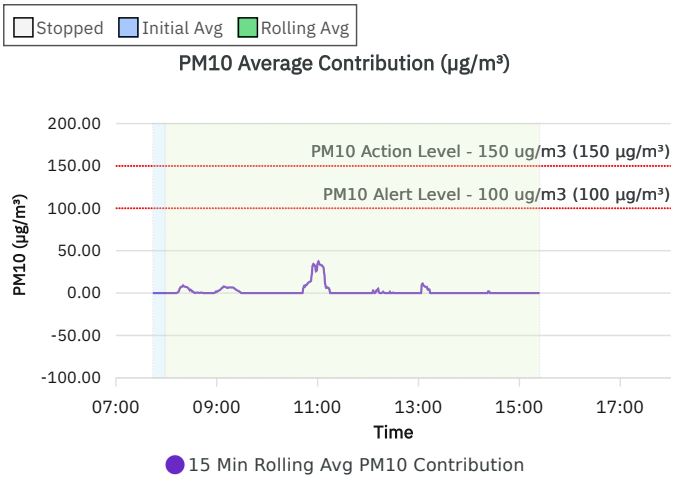
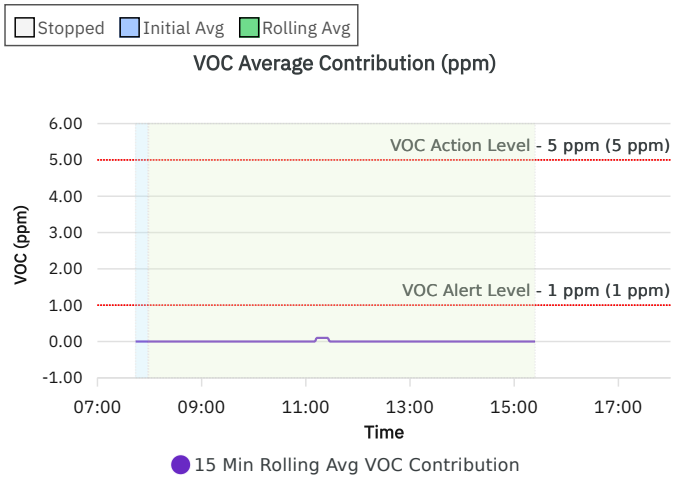
| | | | |
|---|---|---|---|
| aeroqual | Site Contribution Report | Wyoming County - DEC Site Number V00189 | |
| | | Report Period | |
| | | From: | 10/02/2025 07:00 |
| | | To: | 10/02/2025 18:00 |
| | | PM10 Action Level: | 150 µg/m³ |
| | | VOC Action Level: | 5 ppm |

| Daily Environmental Summary | Temp (°F) | Relative Humidity (%) | Barometer (inHg) | Wind Speed (mph) | Prevailing Wind Direction |
|---|---|---|---|---|---|
| 10/02/2025 | 39.6 - 76.5 | 34.8 - 89.7 | 30.5 - 30.6 | 0.5 - 9.8 | S |

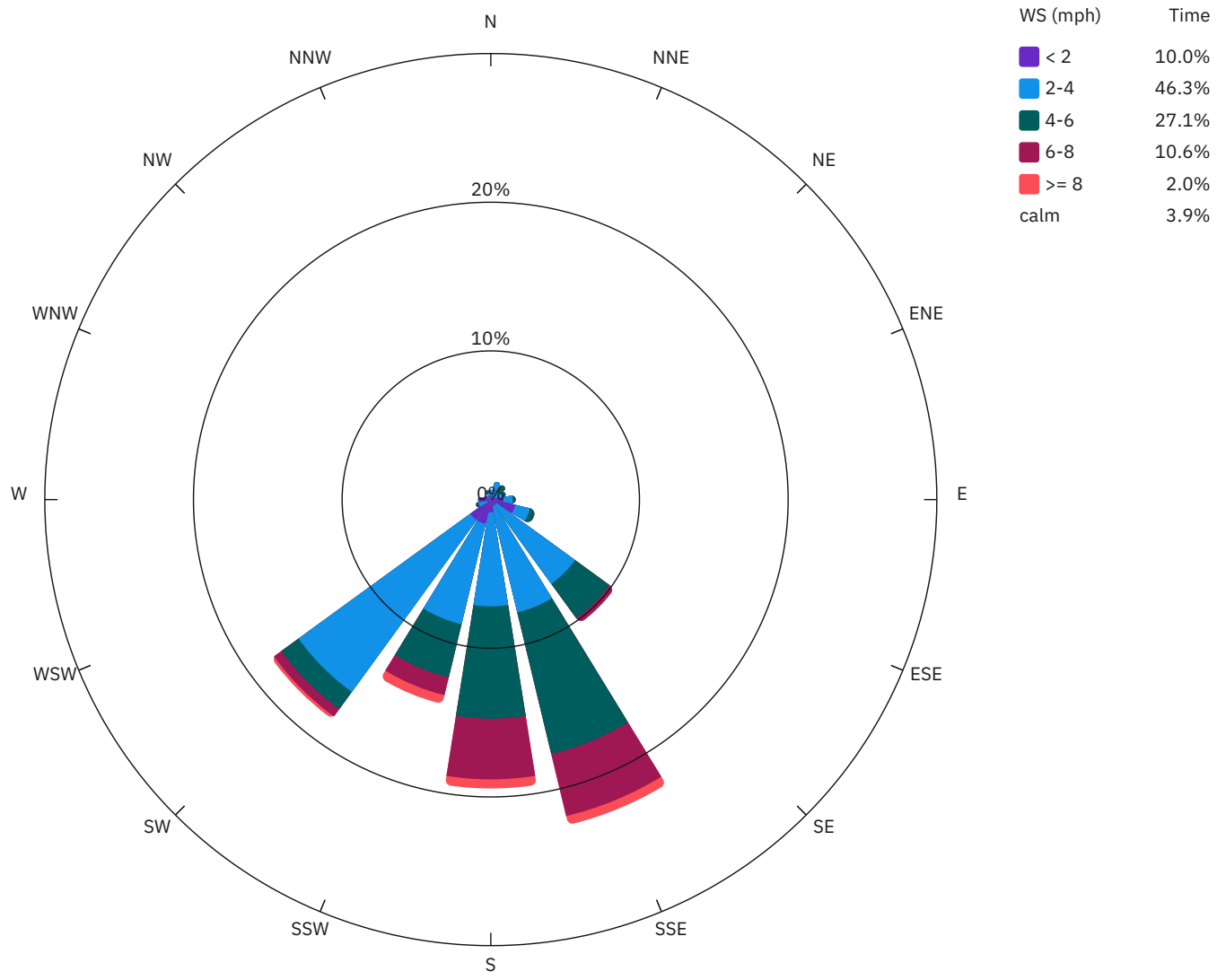
| Daily Monitoring Summary | PM10 (µg/m³) | Time | VOC (ppm) | Time |
|---|---|---|---|---|
| Min Contribution (15 min avg.) - 10/2/2025 | 0.00 | 07:45 | 0.00 | 07:45 |
| Max Contribution (15 min avg.) - 10/2/2025 | 34.87 | 11:00 | 0.10 | 11:15 |
| Daily Avg. Contribution (15 min avg.) - 10/2/2025 | 1.83 | - | 0.00 | - |



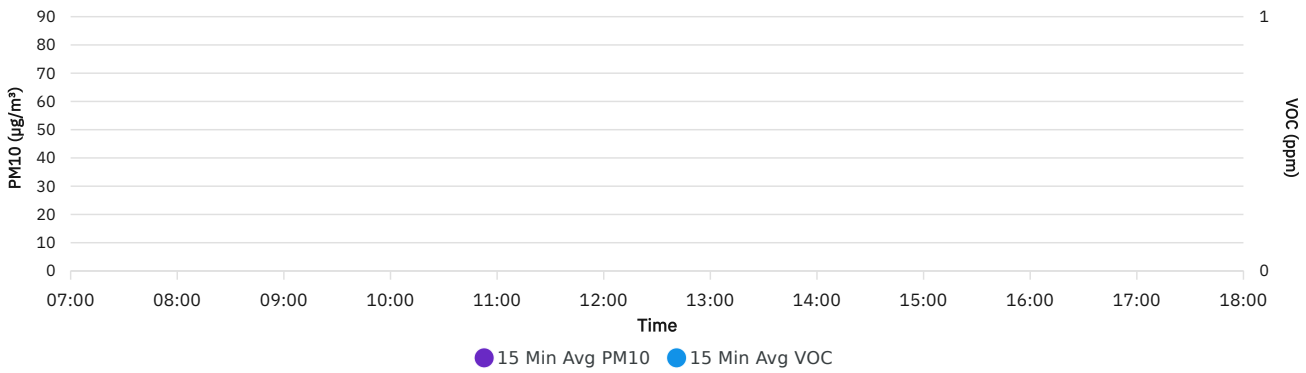



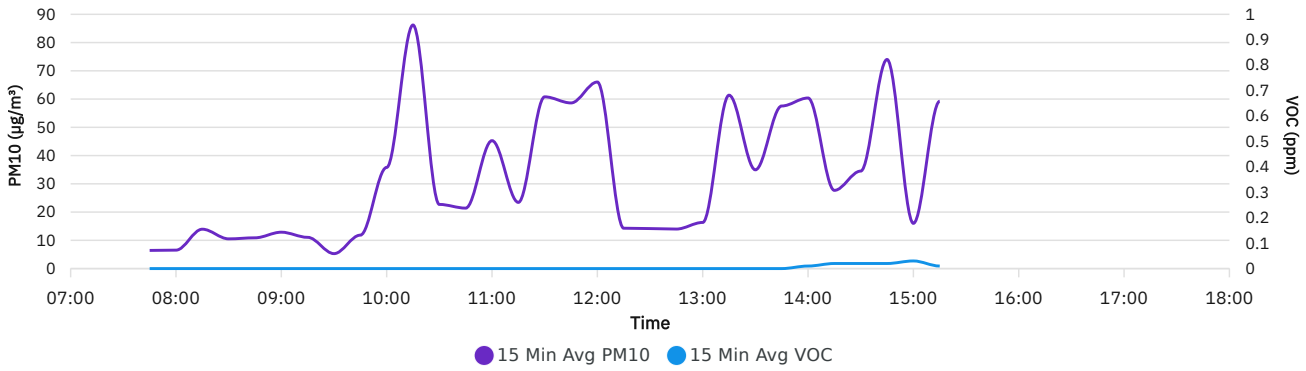
Wind rose (mph)



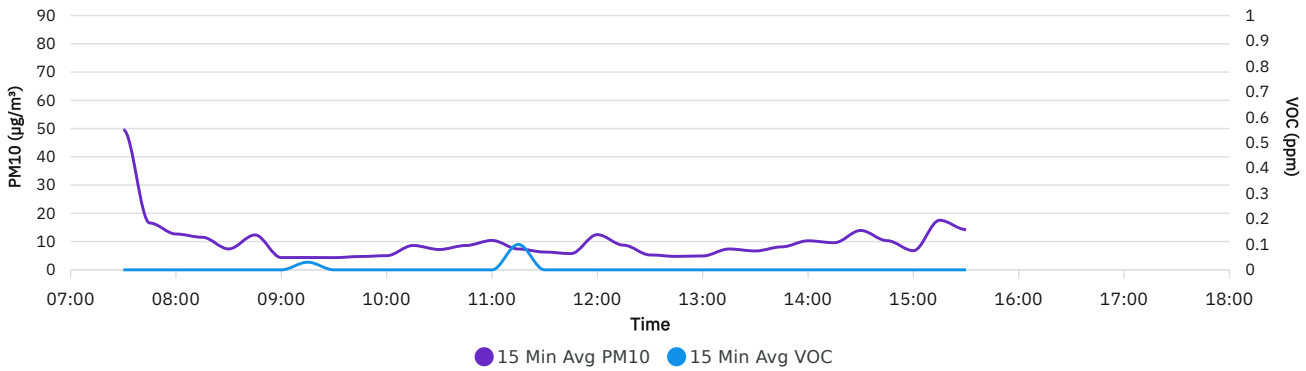

Northern Location



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 |
|---|---|---|---|---|---|---|---|---|
| 10/2/2025 07:30 | | | | | | | 2.2 | SW |
| 10/2/2025 07:45 | 12.02 | 6.43 | 0.00 | 0.00 | 0.00 | 0.00 | 2.4 | SW |
| 10/2/2025 08:00 | 12.68 | 6.53 | 0.00 | 0.00 | 0.00 | 0.00 | 2.4 | SW |
| 10/2/2025 08:15 | 11.53 | 13.94 | 2.41 | 0.00 | 0.00 | 0.00 | 2.5 | SW |
| 10/2/2025 08:30 | 7.40 | 10.52 | 3.13 | 0.00 | 0.00 | 0.00 | 2.8 | SW |
| 10/2/2025 08:45 | 12.17 | 11.07 | 0.00 | 0.00 | 0.00 | 0.00 | 1.0 | S |
| 10/2/2025 09:00 | 7.93 | 9.28 | 1.35 | 0.00 | 0.00 | 0.00 | 0.5 | SSW |
| 10/2/2025 09:15 | 4.37 | 11.06 | 6.69 | 0.03 | 0.00 | 0.00 | 2.8 | SW |
| 10/2/2025 09:30 | 4.95 | 4.66 | 0.00 | 0.00 | 0.00 | 0.00 | 3.3 | SSW |
| 10/2/2025 09:45 | 11.84 | 4.72 | 0.00 | 0.00 | 0.00 | 0.00 | 4.2 | SSE |
| 10/2/2025 10:00 | 29.21 | 11.62 | 0.00 | 0.00 | 0.00 | 0.00 | 2.5 | SSE |
| 10/2/2025 10:15 | 67.26 | 27.56 | 0.00 | 0.00 | 0.00 | 0.00 | 2.8 | SSE |
| 10/2/2025 10:30 | 20.79 | 9.13 | 0.00 | 0.00 | 0.00 | 0.00 | 3.8 | SSE |
| 10/2/2025 10:45 | 11.23 | 18.78 | 7.55 | 0.00 | 0.00 | 0.00 | 6.3 | S |
| 10/2/2025 11:00 | 10.41 | 45.28 | 34.87 | 0.00 | 0.00 | 0.00 | 6.3 | SSW |
| 10/2/2025 11:15 | 18.12 | 12.69 | 0.00 | 0.00 | 0.10 | 0.10 | 6.2 | S |
| 10/2/2025 11:30 | 59.96 | 7.13 | 0.00 | 0.00 | 0.00 | 0.00 | 6.5 | S |
| 10/2/2025 11:45 | 57.28 | 7.10 | 0.00 | 0.00 | 0.00 | 0.00 | 6.2 | SSE |
| 10/2/2025 12:00 | 62.86 | 15.64 | 0.00 | 0.00 | 0.00 | 0.00 | 5.1 | S |
| 10/2/2025 12:15 | 12.22 | 10.79 | 0.00 | 0.00 | 0.00 | 0.00 | 4.7 | S |
| 10/2/2025 12:30 | 9.43 | 10.00 | 0.58 | 0.00 | 0.00 | 0.00 | 4.3 | S |
| 10/2/2025 12:45 | 12.05 | 6.71 | 0.00 | 0.00 | 0.00 | 0.00 | 3.3 | SSE |
| 10/2/2025 13:00 | 15.12 | 6.13 | 0.00 | 0.00 | 0.00 | 0.00 | 2.8 | SE |
| 10/2/2025 13:15 | 40.54 | 28.21 | 0.00 | 0.00 | 0.00 | 0.00 | 2.5 | SSE |
| 10/2/2025 13:30 | 25.93 | 15.71 | 0.00 | 0.00 | 0.00 | 0.00 | 3.5 | SSE |
| 10/2/2025 13:45 | 44.55 | 21.13 | 0.00 | 0.00 | 0.00 | 0.00 | 1.1 | E |
| 10/2/2025 14:00 | 51.43 | 19.24 | 0.00 | 0.01 | 0.01 | 0.00 | 1.8 | SSE |
| 10/2/2025 14:15 | 24.55 | 12.73 | 0.00 | 0.01 | 0.01 | 0.00 | 1.5 | SSE |
| 10/2/2025 14:30 | 35.00 | 13.45 | 0.00 | 0.02 | 0.00 | 0.00 | 3.1 | SSE |
| 10/2/2025 14:45 | 73.19 | 11.14 | 0.00 | 0.01 | 0.00 | 0.00 | 2.8 | SSE |
| 10/2/2025 15:00 | 15.26 | 7.55 | 0.00 | 0.03 | 0.00 | 0.00 | 4.2 | SSE |

| 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 |
|---|---|---|---|---|---|---|---|---|
| 10/2/2025 15:15 | 50.71 | 26.07 | 0.00 | 0.01 | 0.00 | 0.00 | 3.6 | S |
| 10/2/2025 15:30 | | | | | | | 1.9 | ESE |

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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/02/2025 07:30 | | | | | 49.59 | 0.00 | SW | 2.2 | | |
| 10/02/2025 07:45 | | | 6.43 | 0.00 | 16.59 | 0.00 | SW | 2.4 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/02/2025 08:00 | | | 6.53 | 0.00 | 12.68 | 0.00 | SW | 2.4 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/02/2025 08:15 | | | 13.94 | 0.00 | 11.53 | 0.00 | SW | 2.5 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/02/2025 08:30 | | | 10.52 | 0.00 | 7.40 | 0.00 | SW | 2.8 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/02/2025 08:45 | | | 10.89 | 0.00 | 12.35 | 0.00 | S | 1.0 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 09:00 | | | 12.88 | 0.00 | 4.34 | 0.00 | SSW | 0.5 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/02/2025 09:15 | | | 11.06 | 0.00 | 4.37 | 0.03 | SW | 2.8 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/02/2025 09:30 | | | 5.29 | 0.00 | 4.32 | 0.00 | SSW | 3.3 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/02/2025 09:45 | | | 11.84 | 0.00 | 4.72 | 0.00 | SSE | 4.2 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 10:00 | | | 35.81 | 0.00 | 5.01 | 0.00 | SSE | 2.5 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 10:15 | | | 86.21 | 0.00 | 8.62 | 0.00 | SSE | 2.8 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 10:30 | | | 22.71 | 0.00 | 7.20 | 0.00 | SSE | 3.8 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 10:45 | | | 21.40 | 0.00 | 8.61 | 0.00 | S | 6.3 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/02/2025 11:00 | | | 45.28 | 0.00 | 10.41 | 0.00 | SSW | 6.3 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/02/2025 11:15 | | | 23.43 | 0.00 | 7.38 | 0.10 | S | 6.2 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 11:30 | | | 60.79 | 0.00 | 6.30 | 0.00 | S | 6.5 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 11:45 | | | 58.63 | 0.00 | 5.75 | 0.00 | SSE | 6.2 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 12:00 | | | 66.03 | 0.00 | 12.46 | 0.00 | S | 5.1 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 12:15 | | | 14.29 | 0.00 | 8.72 | 0.00 | S | 4.7 | Southeast Location (PM10; VOC) | West 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/02/2025 12:30 | | | 14.16 | 0.00 | 5.27 | 0.00 | S | 4.3 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/02/2025 12:45 | | | 13.99 | 0.00 | 4.76 | 0.00 | SSE | 3.3 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 13:00 | | | 16.33 | 0.00 | 4.92 | 0.00 | SE | 2.8 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 13:15 | | | 61.37 | 0.00 | 7.38 | 0.00 | SSE | 2.5 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 13:30 | | | 34.96 | 0.00 | 6.68 | 0.00 | SSE | 3.5 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 13:45 | | | 57.55 | 0.00 | 8.13 | 0.00 | E | 1.1 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 14:00 | | | 60.38 | 0.01 | 10.28 | 0.00 | SSE | 1.8 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 14:15 | | | 27.69 | 0.02 | 9.60 | 0.00 | SSE | 1.5 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 14:30 | | | 34.51 | 0.02 | 13.94 | 0.00 | SSE | 3.1 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 14:45 | | | 74.01 | 0.02 | 10.33 | 0.00 | SSE | 2.8 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 15:00 | | | 16.02 | 0.03 | 6.79 | 0.00 | SSE | 4.2 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 15:15 | | | 59.22 | 0.01 | 17.56 | 0.00 | S | 3.6 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/02/2025 15:30 | | | | | 14.25 | 0.00 | ESE | 1.9 | | |