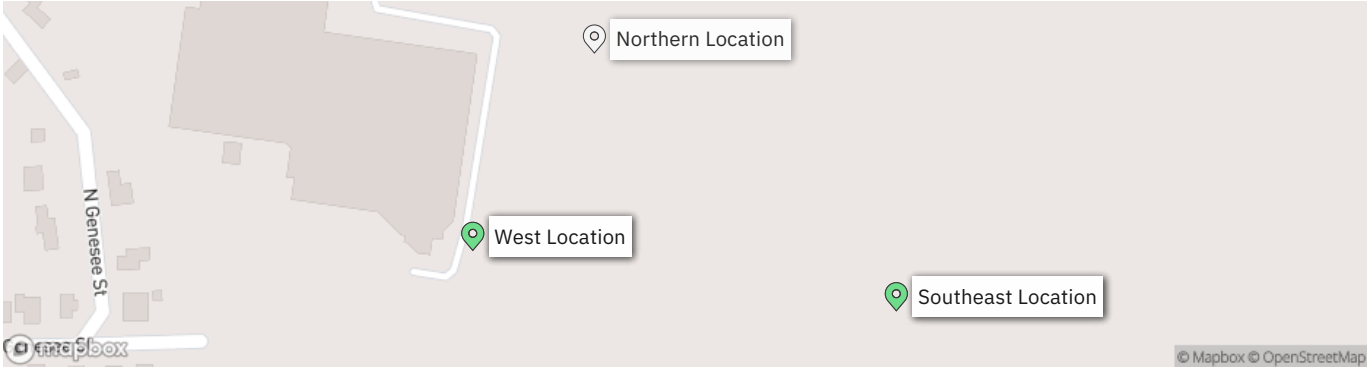
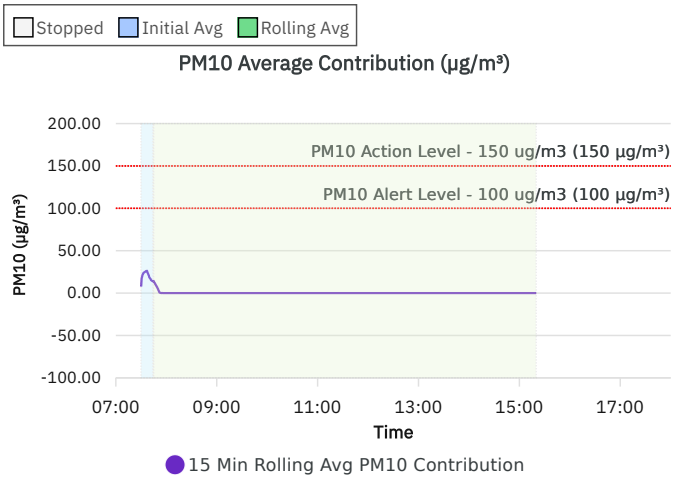
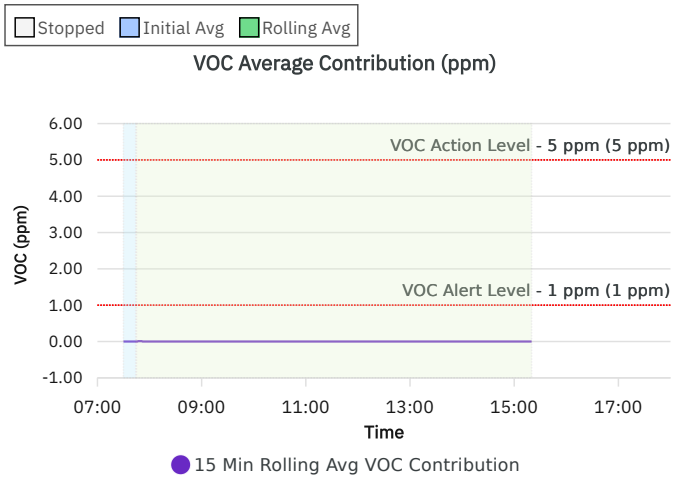
| | | | |
|---|---|---|---|
| aeroqual | Site Contribution Report | Wyoming County - DEC Site Number V00189 | |
| | | Report Period | |
| | | From: | 10/01/2025 07:00 |
| | | To: | 10/01/2025 18:00 |
| | | PM10 Action Level: | 150 µg/m³ |
| | | VOC Action Level: | 5 ppm |

| Daily Environmental Summary | Temp (°F) | Relative Humidity (%) | Barometer (inHg) | Wind Speed (mph) | Prevailing Wind Direction |
|---|---|---|---|---|---|
| 10/01/2025 | 45.7 - 64.9 | 51.4 - 82.1 | 30.4 - 30.5 | 2.0 - 12.7 | NNE |

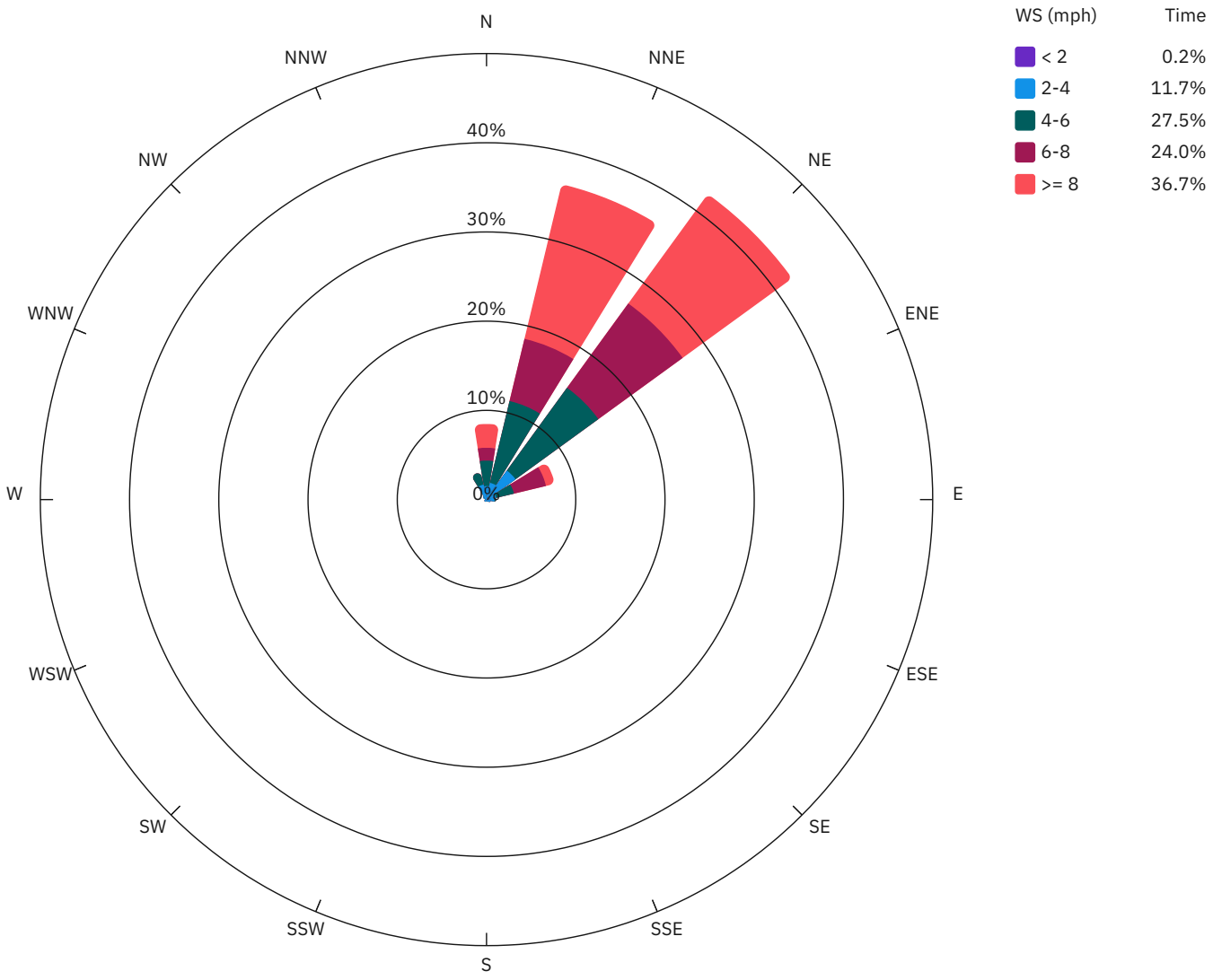
| Daily Monitoring Summary | PM10 (µg/m³) | Time | VOC (ppm) | Time |
|---|---|---|---|---|
| Min Contribution (15 min avg.) - 10/1/2025 | 0.00 | 08:00 | 0.00 | 07:30 |
| Max Contribution (15 min avg.) - 10/1/2025 | 14.07 | 07:45 | 0.00 | 07:30 |
| Daily Avg. Contribution (15 min avg.) - 10/1/2025 | 0.68 | - | 0.00 | - |



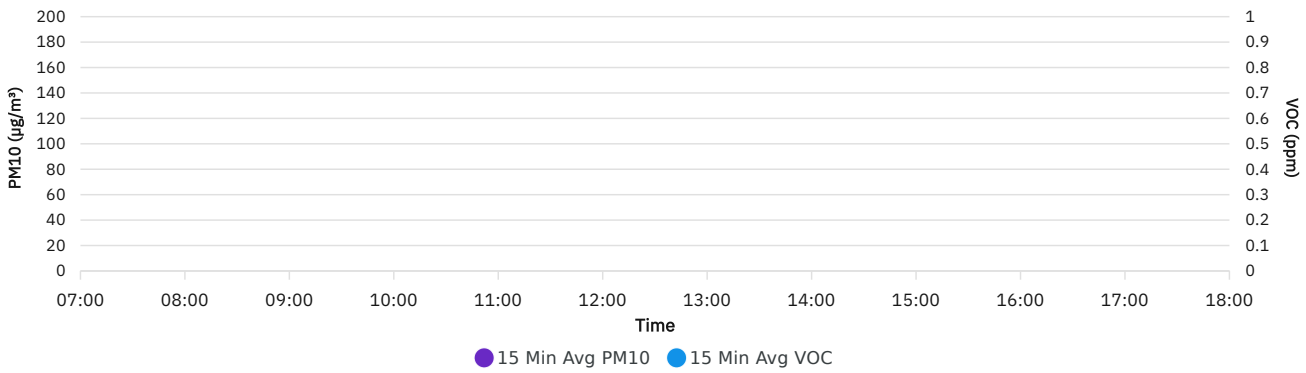



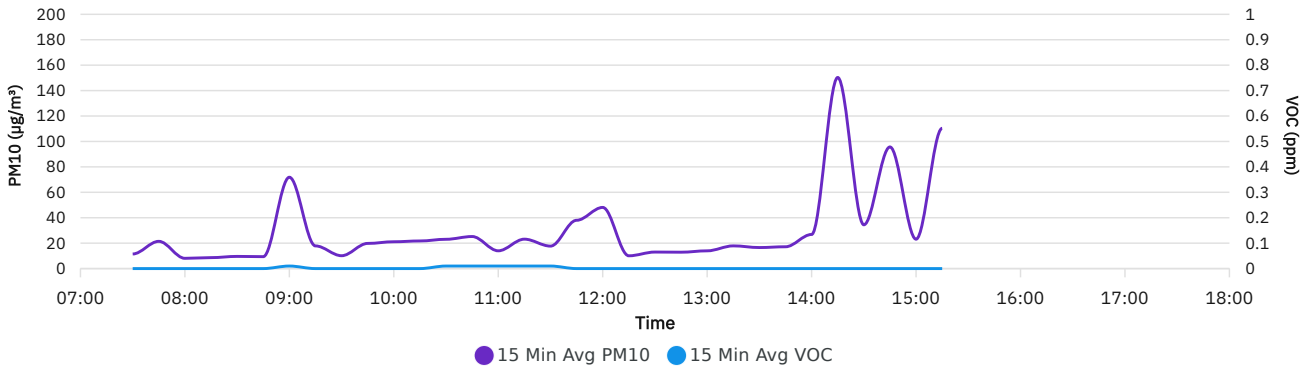
Wind rose (mph)



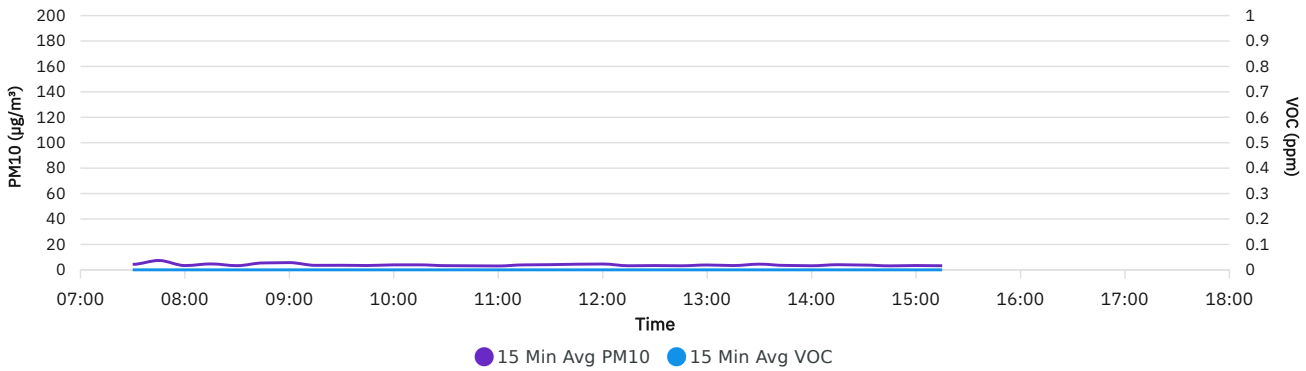

Northern Location



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 |
|---|---|---|---|---|---|---|---|---|
| 10/1/2025 07:30 | 3.81 | 11.49 | 7.68 | 0.00 | 0.00 | 0.00 | 3.7 | NNW |
| 10/1/2025 07:45 | 7.36 | 21.43 | 14.07 | 0.00 | 0.00 | 0.00 | 3.8 | NNW |
| 10/1/2025 08:00 | 7.37 | 4.08 | 0.00 | 0.00 | 0.00 | 0.00 | 4.9 | NNE |
| 10/1/2025 08:15 | 8.62 | 4.66 | 0.00 | 0.00 | 0.00 | 0.00 | 4.7 | NNE |
| 10/1/2025 08:30 | 9.58 | 3.30 | 0.00 | 0.00 | 0.00 | 0.00 | 4.9 | NNE |
| 10/1/2025 08:45 | 9.38 | 5.43 | 0.00 | 0.00 | 0.00 | 0.00 | 4.8 | NNE |
| 10/1/2025 09:00 | 71.84 | 5.69 | 0.00 | 0.01 | 0.00 | 0.00 | 4.2 | NE |
| 10/1/2025 09:15 | 17.83 | 3.54 | 0.00 | 0.00 | 0.00 | 0.00 | 4.5 | NE |
| 10/1/2025 09:30 | 10.12 | 3.59 | 0.00 | 0.00 | 0.00 | 0.00 | 6.0 | NE |
| 10/1/2025 09:45 | 19.80 | 3.40 | 0.00 | 0.00 | 0.00 | 0.00 | 6.3 | NE |
| 10/1/2025 10:00 | 17.25 | 7.78 | 0.00 | 0.00 | 0.00 | 0.00 | 4.1 | NE |
| 10/1/2025 10:15 | 20.86 | 4.80 | 0.00 | 0.00 | 0.00 | 0.00 | 5.1 | NE |
| 10/1/2025 10:30 | 21.06 | 5.27 | 0.00 | 0.01 | 0.00 | 0.00 | 7.7 | NNE |
| 10/1/2025 10:45 | 25.21 | 3.17 | 0.00 | 0.01 | 0.00 | 0.00 | 8.1 | NNE |
| 10/1/2025 11:00 | 13.98 | 3.05 | 0.00 | 0.01 | 0.00 | 0.00 | 7.2 | NNE |
| 10/1/2025 11:15 | 23.14 | 3.90 | 0.00 | 0.01 | 0.00 | 0.00 | 8.7 | NE |
| 10/1/2025 11:30 | 17.68 | 4.08 | 0.00 | 0.01 | 0.00 | 0.00 | 9.1 | NNE |
| 10/1/2025 11:45 | 36.80 | 5.63 | 0.00 | 0.00 | 0.00 | 0.00 | 8.3 | NNE |
| 10/1/2025 12:00 | 47.72 | 4.98 | 0.00 | 0.00 | 0.00 | 0.00 | 6.5 | NE |
| 10/1/2025 12:15 | 9.74 | 3.53 | 0.00 | 0.00 | 0.00 | 0.00 | 6.9 | NNE |
| 10/1/2025 12:30 | 12.35 | 4.02 | 0.00 | 0.00 | 0.00 | 0.00 | 6.4 | NE |
| 10/1/2025 12:45 | 12.89 | 3.20 | 0.00 | 0.00 | 0.00 | 0.00 | 7.3 | NE |
| 10/1/2025 13:00 | 13.96 | 3.83 | 0.00 | 0.00 | 0.00 | 0.00 | 6.7 | NE |
| 10/1/2025 13:15 | 17.86 | 3.38 | 0.00 | 0.00 | 0.00 | 0.00 | 7.3 | NE |
| 10/1/2025 13:30 | 15.41 | 5.63 | 0.00 | 0.00 | 0.00 | 0.00 | 7.6 | NNE |
| 10/1/2025 13:45 | 16.52 | 4.12 | 0.00 | 0.00 | 0.00 | 0.00 | 8.8 | NE |
| 10/1/2025 14:00 | 26.84 | 3.22 | 0.00 | 0.00 | 0.00 | 0.00 | 8.5 | NE |
| 10/1/2025 14:15 | 150.30 | 4.05 | 0.00 | 0.00 | 0.00 | 0.00 | 7.0 | NE |
| 10/1/2025 14:30 | 32.16 | 6.05 | 0.00 | 0.00 | 0.00 | 0.00 | 8.4 | NNE |
| 10/1/2025 14:45 | 95.24 | 3.55 | 0.00 | 0.00 | 0.00 | 0.00 | 6.6 | NE |
| 10/1/2025 15:00 | 20.33 | 6.20 | 0.00 | 0.00 | 0.00 | 0.00 | 8.4 | NNE |

| 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 |
|---|---|---|---|---|---|---|---|---|
| 10/1/2025 15:15 | 110.32 | 3.21 | 0.00 | 0.00 | 0.00 | 0.00 | 8.9 | 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 | Upwind | Downwind |
|---|---|---|---|---|---|---|---|---|---|---|
| 10/01/2025 07:30 | | | 11.49 | 0.00 | 4.34 | 0.00 | NNW | 3.7 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/01/2025 07:45 | | | 21.43 | 0.00 | 7.36 | 0.00 | NNW | 3.8 | West Location (PM10; VOC) | Southeast Location (PM10; VOC) |
| 10/01/2025 08:00 | | | 8.07 | 0.00 | 3.38 | 0.00 | NNE | 4.9 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 08:15 | | | 8.62 | 0.00 | 4.66 | 0.00 | NNE | 4.7 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 08:30 | | | 9.58 | 0.00 | 3.30 | 0.00 | NNE | 4.9 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 08:45 | | | 9.38 | 0.00 | 5.43 | 0.00 | NNE | 4.8 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 09:00 | | | 71.84 | 0.01 | 5.69 | 0.00 | NE | 4.2 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 09:15 | | | 17.83 | 0.00 | 3.54 | 0.00 | NE | 4.5 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 09:30 | | | 10.12 | 0.00 | 3.59 | 0.00 | NE | 6.0 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 09:45 | | | 19.80 | 0.00 | 3.40 | 0.00 | NE | 6.3 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 10:00 | | | 21.10 | 0.00 | 3.93 | 0.00 | NE | 4.1 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 10:15 | | | 21.73 | 0.00 | 3.93 | 0.00 | NE | 5.1 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 10:30 | | | 23.04 | 0.01 | 3.30 | 0.00 | NNE | 7.7 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 10:45 | | | 25.21 | 0.01 | 3.17 | 0.00 | NNE | 8.1 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 11:00 | | | 13.98 | 0.01 | 3.05 | 0.00 | NNE | 7.2 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 11:15 | | | 23.14 | 0.01 | 3.90 | 0.00 | NE | 8.7 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 11:30 | | | 17.68 | 0.01 | 4.08 | 0.00 | NNE | 9.1 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 11:45 | | | 37.99 | 0.00 | 4.44 | 0.00 | NNE | 8.3 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 12:00 | | | 48.11 | 0.00 | 4.59 | 0.00 | NE | 6.5 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 12:15 | | | 10.06 | 0.00 | 3.22 | 0.00 | NNE | 6.9 | Southeast Location | 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | (PM10; VOC) | |
| 10/01/2025 12:30 | | | 13.00 | 0.00 | 3.37 | 0.00 | NE | 6.4 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 12:45 | | | 12.89 | 0.00 | 3.20 | 0.00 | NE | 7.3 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 13:00 | | | 13.96 | 0.00 | 3.83 | 0.00 | NE | 6.7 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 13:15 | | | 17.86 | 0.00 | 3.38 | 0.00 | NE | 7.3 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 13:30 | | | 16.55 | 0.00 | 4.48 | 0.00 | NNE | 7.6 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 13:45 | | | 17.16 | 0.00 | 3.48 | 0.00 | NE | 8.8 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 14:00 | | | 26.84 | 0.00 | 3.22 | 0.00 | NE | 8.5 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 14:15 | | | 150.30 | 0.00 | 4.05 | 0.00 | NE | 7.0 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 14:30 | | | 34.45 | 0.00 | 3.76 | 0.00 | NNE | 8.4 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 14:45 | | | 95.66 | 0.00 | 3.13 | 0.00 | NE | 6.6 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 15:00 | | | 23.13 | 0.00 | 3.40 | 0.00 | NNE | 8.4 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |
| 10/01/2025 15:15 | | | 110.32 | 0.00 | 3.21 | 0.00 | NE | 8.9 | Southeast Location (PM10; VOC) | West Location (PM10; VOC) |