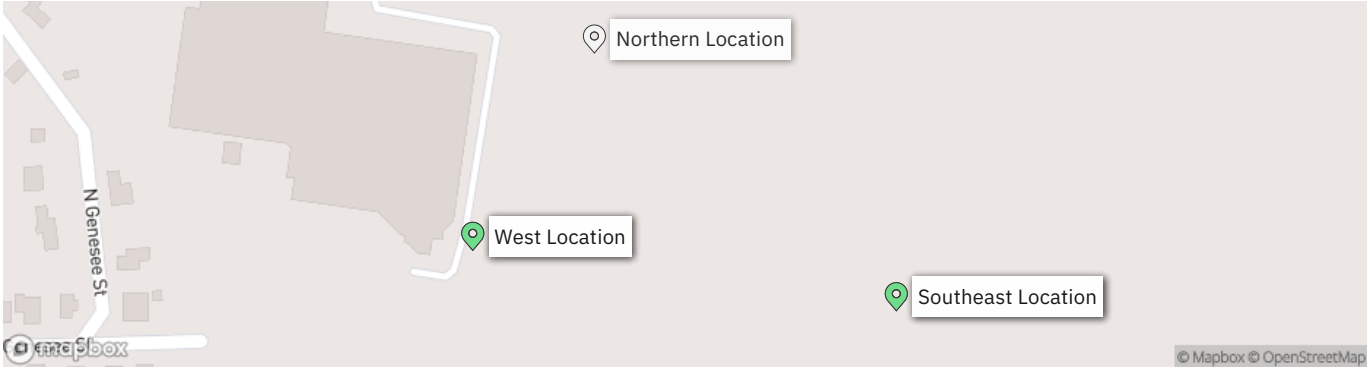
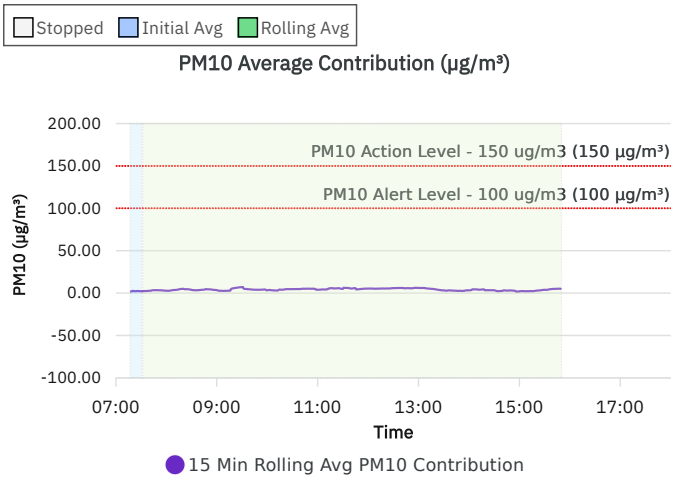
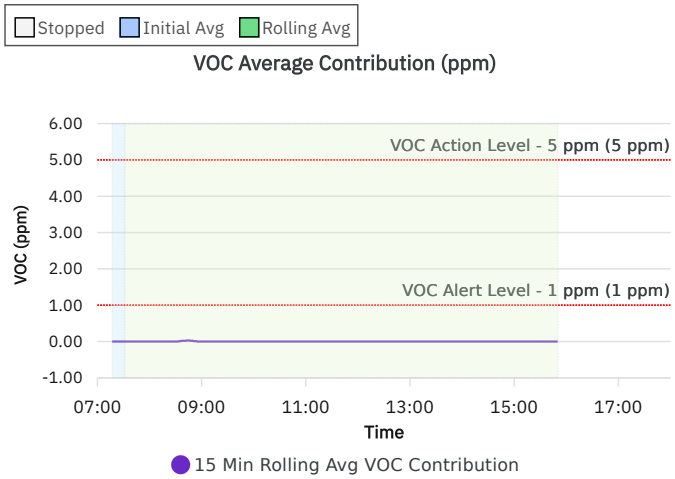
| | | | |
|---|---|---|---|
| aeroqual | Site Contribution Report | Wyoming County - DEC Site Number V00189 | |
| | | Report Period | |
| | | From: | 10/21/2025 07:00 |
| | | To: | 10/21/2025 18:00 |
| | | PM10 Action Level: | 150 µg/m³ |
| | | VOC Action Level: | 5 ppm |

| Daily Environmental Summary | Temp (°F) | Relative Humidity (%) | Barometer (inHg) | Wind Speed (mph) | Prevailing Wind Direction |
|---|---|---|---|---|---|
| 10/21/2025 | 40.3 - 59.0 | 57.2 - 87.3 | 29.8 - 30.0 | 1.0 - 5.4 | SW |

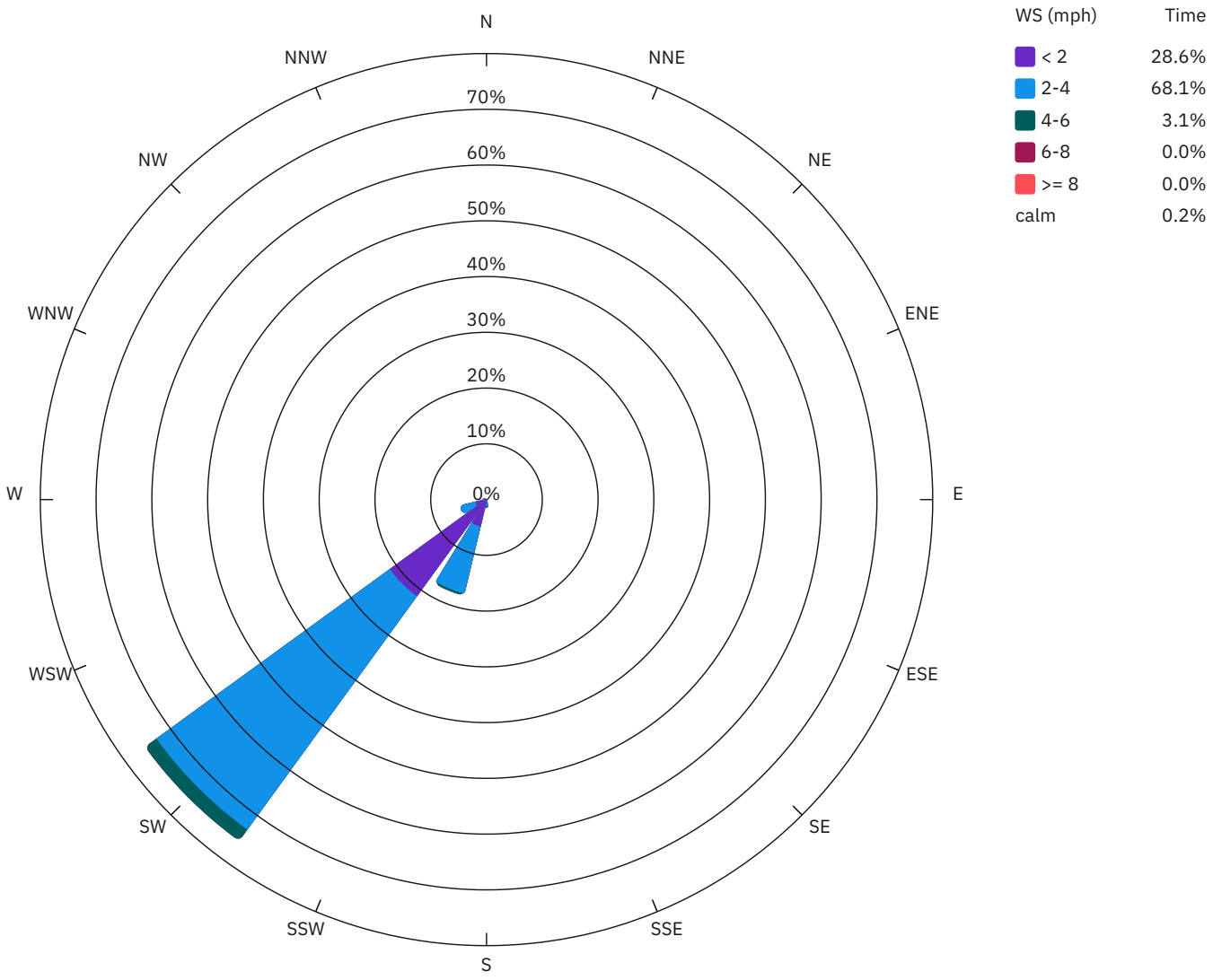
| Daily Monitoring Summary | PM10 (µg/m³) | Time | VOC (ppm) | Time |
|---|---|---|---|---|
| Min Contribution (15 min avg.) - 10/21/2025 | 2.04 | 15:00 | 0.00 | 07:30 |
| Max Contribution (15 min avg.) - 10/21/2025 | 7.07 | 09:30 | 0.03 | 08:45 |
| Daily Avg. Contribution (15 min avg.) - 10/21/2025 | 4.17 | - | 0.00 | - |



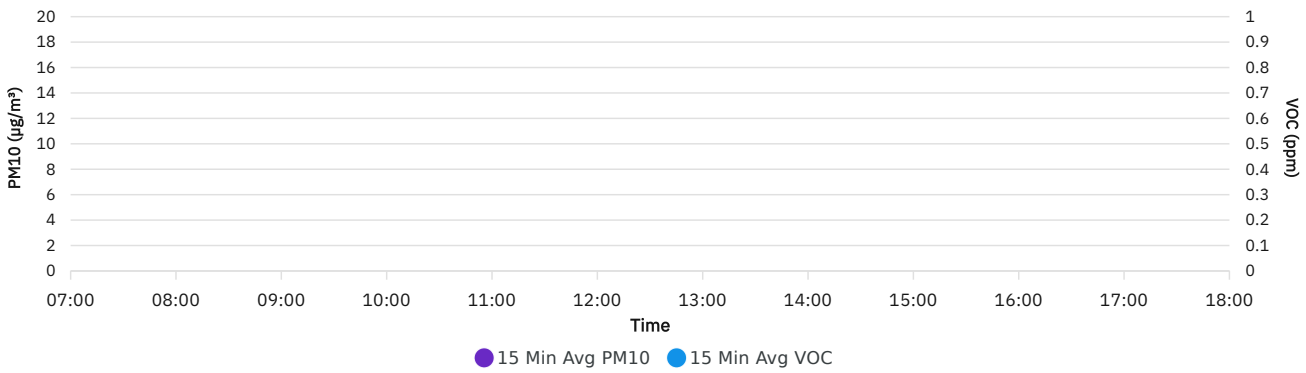



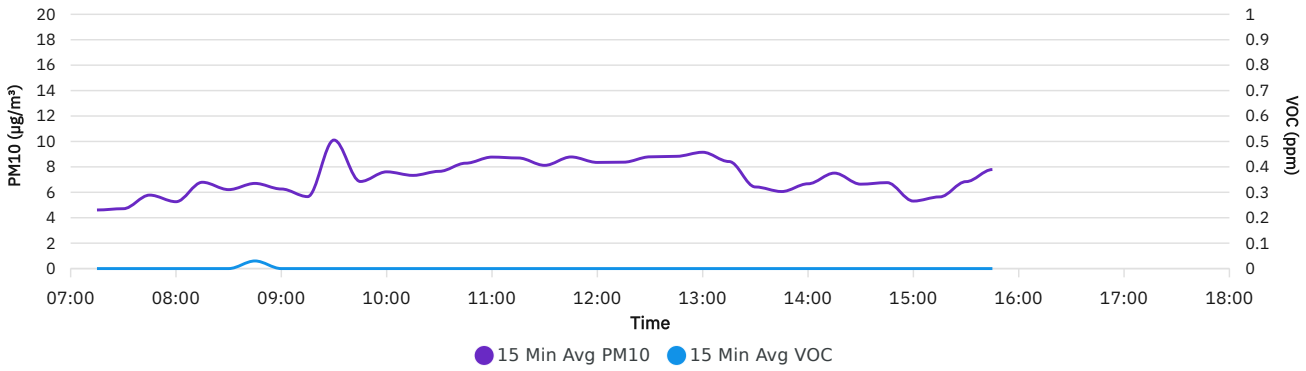
Wind rose (mph)



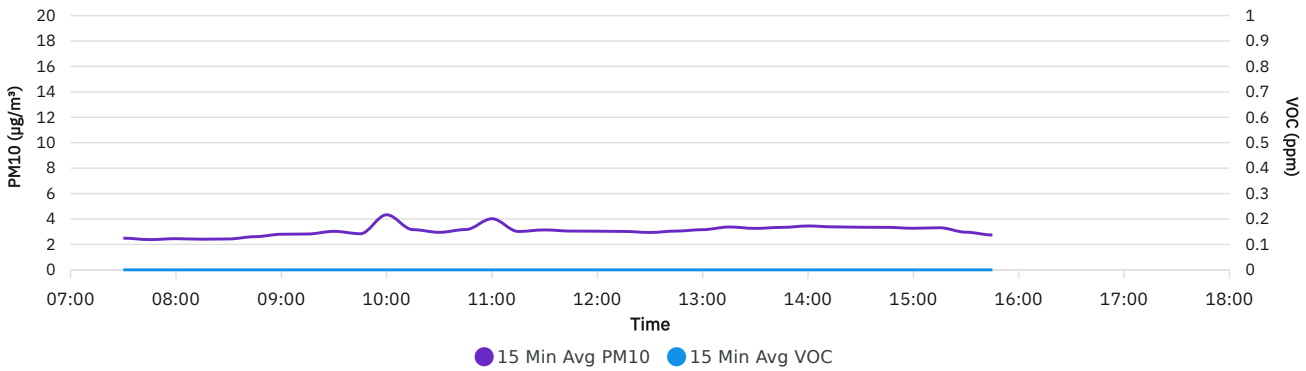

Northern Location



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 |
|---|---|---|---|---|---|---|---|---|
| 10/21/2025 07:30 | 2.49 | 4.72 | 2.23 | 0.00 | 0.00 | 0.00 | 2.2 | SW |
| 10/21/2025 07:45 | 2.38 | 5.78 | 3.39 | 0.00 | 0.00 | 0.00 | 2.3 | SW |
| 10/21/2025 08:00 | 2.45 | 5.26 | 2.81 | 0.00 | 0.00 | 0.00 | 2.0 | SW |
| 10/21/2025 08:15 | 2.41 | 6.79 | 4.38 | 0.00 | 0.00 | 0.00 | 1.8 | SW |
| 10/21/2025 08:30 | 2.43 | 6.21 | 3.78 | 0.00 | 0.00 | 0.00 | 2.0 | SW |
| 10/21/2025 08:45 | 2.61 | 6.70 | 4.09 | 0.00 | 0.03 | 0.03 | 2.5 | SW |
| 10/21/2025 09:00 | 2.80 | 6.26 | 3.46 | 0.00 | 0.00 | 0.00 | 1.9 | SW |
| 10/21/2025 09:15 | 2.82 | 5.66 | 2.84 | 0.00 | 0.00 | 0.00 | 2.0 | SW |
| 10/21/2025 09:30 | 3.03 | 10.11 | 7.07 | 0.00 | 0.00 | 0.00 | 2.1 | SW |
| 10/21/2025 09:45 | 2.84 | 6.85 | 4.00 | 0.00 | 0.00 | 0.00 | 2.7 | SW |
| 10/21/2025 10:00 | 4.33 | 7.61 | 3.27 | 0.00 | 0.00 | 0.00 | 2.8 | SW |
| 10/21/2025 10:15 | 3.16 | 7.33 | 4.17 | 0.00 | 0.00 | 0.00 | 2.6 | SSW |
| 10/21/2025 10:30 | 2.95 | 7.65 | 4.70 | 0.00 | 0.00 | 0.00 | 2.9 | SSW |
| 10/21/2025 10:45 | 3.17 | 8.29 | 5.12 | 0.00 | 0.00 | 0.00 | 2.7 | SW |
| 10/21/2025 11:00 | 4.42 | 8.37 | 3.94 | 0.00 | 0.00 | 0.00 | 3.0 | SW |
| 10/21/2025 11:15 | 3.02 | 8.70 | 5.68 | 0.00 | 0.00 | 0.00 | 3.1 | SW |
| 10/21/2025 11:30 | 3.14 | 8.12 | 4.99 | 0.00 | 0.00 | 0.00 | 2.6 | SW |
| 10/21/2025 11:45 | 3.05 | 8.78 | 5.73 | 0.00 | 0.00 | 0.00 | 2.4 | SW |
| 10/21/2025 12:00 | 3.04 | 8.35 | 5.32 | 0.00 | 0.00 | 0.00 | 2.0 | SW |
| 10/21/2025 12:15 | 3.02 | 8.37 | 5.35 | 0.00 | 0.00 | 0.00 | 2.1 | SW |
| 10/21/2025 12:30 | 2.94 | 8.79 | 5.85 | 0.00 | 0.00 | 0.00 | 2.3 | SW |
| 10/21/2025 12:45 | 3.05 | 8.83 | 5.78 | 0.00 | 0.00 | 0.00 | 1.8 | SSW |
| 10/21/2025 13:00 | 3.16 | 9.15 | 5.99 | 0.00 | 0.00 | 0.00 | 2.3 | SW |
| 10/21/2025 13:15 | 3.37 | 8.42 | 5.05 | 0.00 | 0.00 | 0.00 | 2.7 | SSW |
| 10/21/2025 13:30 | 3.26 | 6.42 | 3.16 | 0.00 | 0.00 | 0.00 | 3.0 | SW |
| 10/21/2025 13:45 | 3.34 | 6.06 | 2.73 | 0.00 | 0.00 | 0.00 | 2.7 | SW |
| 10/21/2025 14:00 | 3.45 | 6.67 | 3.22 | 0.00 | 0.00 | 0.00 | 2.3 | SW |
| 10/21/2025 14:15 | 3.38 | 7.51 | 4.13 | 0.00 | 0.00 | 0.00 | 2.4 | SW |
| 10/21/2025 14:30 | 3.35 | 6.64 | 3.29 | 0.00 | 0.00 | 0.00 | 2.4 | SW |
| 10/21/2025 14:45 | 3.56 | 6.54 | 2.99 | 0.00 | 0.00 | 0.00 | 2.8 | SW |
| 10/21/2025 15:00 | 3.27 | 5.31 | 2.04 | 0.00 | 0.00 | 0.00 | 2.6 | SW |

| 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 |
|---|---|---|---|---|---|---|---|---|
| 10/21/2025 15:15 | 3.31 | 5.64 | 2.33 | 0.00 | 0.00 | 0.00 | 2.7 | SW |
| 10/21/2025 15:30 | 2.96 | 6.84 | 3.88 | 0.00 | 0.00 | 0.00 | 2.6 | SW |
| 10/21/2025 15:45 | 2.74 | 7.79 | 5.05 | 0.00 | 0.00 | 0.00 | 2.5 | SW |

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 |
|---|---|---|---|---|---|---|---|---|
| 10/21/2025 07:15 | | | 4.61 | 0.00 | | | | |
| 10/21/2025 07:30 | | | 4.71 | 0.00 | 2.49 | 0.00 | SW | 2.2 |
| 10/21/2025 07:45 | | | 5.78 | 0.00 | 2.38 | 0.00 | SW | 2.3 |
| 10/21/2025 08:00 | | | 5.26 | 0.00 | 2.45 | 0.00 | SW | 2.0 |
| 10/21/2025 08:15 | | | 6.79 | 0.00 | 2.41 | 0.00 | SW | 1.8 |
| 10/21/2025 08:30 | | | 6.21 | 0.00 | 2.43 | 0.00 | SW | 2.0 |
| 10/21/2025 08:45 | | | 6.70 | 0.03 | 2.61 | 0.00 | SW | 2.5 |
| 10/21/2025 09:00 | | | 6.26 | 0.00 | 2.80 | 0.00 | SW | 1.9 |
| 10/21/2025 09:15 | | | 5.66 | 0.00 | 2.82 | 0.00 | SW | 2.0 |
| 10/21/2025 09:30 | | | 10.11 | 0.00 | 3.03 | 0.00 | SW | 2.1 |
| 10/21/2025 09:45 | | | 6.85 | 0.00 | 2.84 | 0.00 | SW | 2.7 |
| 10/21/2025 10:00 | | | 7.61 | 0.00 | 4.33 | 0.00 | SW | 2.8 |
| 10/21/2025 10:15 | | | 7.33 | 0.00 | 3.16 | 0.00 | SSW | 2.6 |
| 10/21/2025 10:30 | | | 7.65 | 0.00 | 2.95 | 0.00 | SSW | 2.9 |
| 10/21/2025 10:45 | | | 8.29 | 0.00 | 3.17 | 0.00 | SW | 2.7 |
| 10/21/2025 11:00 | | | 8.77 | 0.00 | 4.02 | 0.00 | SW | 3.0 |
| 10/21/2025 11:15 | | | 8.70 | 0.00 | 3.02 | 0.00 | SW | 3.1 |
| 10/21/2025 11:30 | | | 8.12 | 0.00 | 3.14 | 0.00 | SW | 2.6 |
| 10/21/2025 11:45 | | | 8.78 | 0.00 | 3.05 | 0.00 | SW | 2.4 |
| 10/21/2025 12:00 | | | 8.35 | 0.00 | 3.04 | 0.00 | SW | 2.0 |
| 10/21/2025 12:15 | | | 8.37 | 0.00 | 3.02 | 0.00 | SW | 2.1 |
| 10/21/2025 12:30 | | | 8.79 | 0.00 | 2.94 | 0.00 | SW | 2.3 |
| 10/21/2025 12:45 | | | 8.83 | 0.00 | 3.05 | 0.00 | SSW | 1.8 |
| 10/21/2025 13:00 | | | 9.15 | 0.00 | 3.16 | 0.00 | SW | 2.3 |
| 10/21/2025 13:15 | | | 8.42 | 0.00 | 3.37 | 0.00 | SSW | 2.7 |
| 10/21/2025 13:30 | | | 6.42 | 0.00 | 3.26 | 0.00 | SW | 3.0 |
| 10/21/2025 13:45 | | | 6.06 | 0.00 | 3.34 | 0.00 | SW | 2.7 |
| 10/21/2025 14:00 | | | 6.67 | 0.00 | 3.45 | 0.00 | SW | 2.3 |
| 10/21/2025 14:15 | | | 7.51 | 0.00 | 3.38 | 0.00 | SW | 2.4 |

| 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 |
|---|---|---|---|---|---|---|---|---|
| 10/21/2025 14:30 | | | 6.64 | 0.00 | 3.35 | 0.00 | SW | 2.4 |
| 10/21/2025 14:45 | | | 6.76 | 0.00 | 3.34 | 0.00 | SW | 2.8 |
| 10/21/2025 15:00 | | | 5.31 | 0.00 | 3.27 | 0.00 | SW | 2.6 |
| 10/21/2025 15:15 | | | 5.64 | 0.00 | 3.31 | 0.00 | SW | 2.7 |
| 10/21/2025 15:30 | | | 6.84 | 0.00 | 2.96 | 0.00 | SW | 2.6 |
| 10/21/2025 15:45 | | | 7.79 | 0.00 | 2.74 | 0.00 | SW | 2.5 |