

Illinois Cabinet Air Monitoring Summary Tables

The tables below summarize preliminary air monitoring data collected using DustTrak DRX instruments.

Project Name: Illinois Cabinet RV
Date/Time: 02/18/2025 - 08:12 to 17:07

Weather

Temperature: -11 to 7 °F
Wind Speed: 5 to 10 miles per hour
Wind Direction: West / Northwest
Conditions: Mostly sunny

| Downwind Air Monitoring Station (Southeast) | | | | | | | |
|---|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533213308) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | Yes (see comment 2) | 0.002 to 0.076 | 0.007765119 | 0.008 to 0.008 | 0.008 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | Yes (see comment 2) | 0.003 to 0.227 | 0.007765119 | 0.020 to 0.020 | 0.020 |

| North Air Monitoring Station | | | | | | | |
|-------------------------------|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533233408) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | No | 0.007 to 0.012 | 0.008248458 | 0.008 to 0.008 | 0.008 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.007 to 0.012 | 0.008361148 | 0.008 to 0.008 | 0.008 |

| East Air Monitoring Station | | | | | | | |
|-------------------------------|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533233409) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | Yes (see comment 2) | 0.003 to 0.040 | 0.007900344 | 0.008 to 0.008 | 0.008 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.004 to 0.101 | 0.007900344 | 0.013 to 0.013 | 0.013 |

Notes:

Air monitoring measurements have been averaged over 15-minute and 8-hour time periods and summarized above.

Start and stop times for each air monitoring instrument varies. The monitoring period is based on the earliest start time and latest stop time out of all units.

Air monitoring is not performed during inclement weather conditions/rain and thunderstorms.

1 - Screening Levels are based on 24-hour time-weighted averages and were established by EPA's National Ambient Air Quality Standards (NAAQS).

2 - Upwind/off-site elevated levels of PM_{2.5} and PM₁₀ impacted downwind air monitoring stations.

Illinois Cabinet Air Monitoring Summary Tables

The tables below summarize preliminary air monitoring data collected using DustTrak DRX instruments.

Project Name: Illinois Cabinet RV
Date/Time: 02/19/2025 - 07:43 to 16:58

Weather

Temperature: 2 to 10 °F
Wind Speed: 7 to 14 miles per hour
Wind Direction: Northwest
Conditions: Cloudy

| Downwind Air Monitoring Station (Southeast) | | | | | | | |
|---|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533213308) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | Yes (see comment 2) | 0.006 to 0.066 | 0.017084636 | 0.017 to 0.018 | 0.017 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | Yes (see comment 2) | 0.009 to 0.167 | 0.017084636 | 0.034 to 0.036 | 0.035 |

| North Air Monitoring Station | | | | | | | |
|-------------------------------|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533233408) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | No | 0.003 to 0.009 | 0.00517293 | 0.005 to 0.005 | 0.005 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.003 to 0.009 | 0.005291918 | 0.005 to 0.005 | 0.005 |

| East Air Monitoring Station | | | | | | | |
|-------------------------------|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533233409) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | Yes (see comment 2) | 0.008 to 0.075 | 0.015769294 | 0.014 to 0.016 | 0.015 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | Yes (see comment 2) | 0.009 to 0.176 | 0.015769294 | 0.021 to 0.027 | 0.025 |

Notes:

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Air monitoring is not performed during inclement weather conditions/rain and thunderstorms.

1 - Screening Levels are based on 24-hour time-weighted averages and were established by EPA's National Ambient Air Quality Standards (NAAQS).

2 - Upwind/off-site elevated levels of PM_{2.5} and PM₁₀ impacted downwind air monitoring stations.

Illinois Cabinet Air Monitoring Summary Tables

The tables below summarize preliminary air monitoring data collected using DustTrak DRX instruments.

Project Name: Illinois Cabinet RV
Date/Time: 02/20/2025 - 08:08 to 17:09

Weather

Temperature: -2 to 19 °F
Wind Speed: 6 to 13 miles per hour
Wind Direction: Northwest
Conditions: Fair

| Downwind Air Monitoring Station (Southeast) | | | | | | | |
|---|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533213308) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | No | 0.010 to 0.027 | 0.013629718 | 0.014 to 0.014 | 0.014 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.012 to 0.046 | 0.013629718 | 0.018 to 0.019 | 0.019 |

| North Air Monitoring Station | | | | | | | |
|--------------------------------------|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533233408) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | No | 0.005 to 0.011 | 0.00707732 | 0.007 to 0.007 | 0.007 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.005 to 0.012 | 0.007185145 | 0.007 to 0.007 | 0.007 |

| East Air Monitoring Station | | | | | | | |
|--------------------------------------|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533233409) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | Yes (see comment 2) | 0.014 to 0.039 | 0.019282487 | 0.019 to 0.019 | 0.019 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.015 to 0.066 | 0.019282487 | 0.026 to 0.027 | 0.026 |

Notes:

Air monitoring measurements have been averaged over 15-minute and 8-hour time periods and summarized above.

Start and stop times for each air monitoring instrument varies. The monitoring period is based on the earliest start time and latest stop time out of all units.

Air monitoring is not performed during inclement weather conditions/rain and thunderstorms.

1 - Screening Levels are based on 24-hour time-weighted averages and were established by EPA's National Ambient Air Quality Standards (NAAQS).

2 - Upwind/off-site elevated levels of PM_{2.5} and PM₁₀ impacted downwind air monitoring stations.

Illinois Cabinet Air Monitoring Summary Tables

The tables below summarize preliminary air monitoring data collected using DustTrak DRX instruments.

Project Name: Illinois Cabinet RV
Date/Time: 2/21/2025 - 08:08 to 17:13

Weather

Temperature: 1 to 24 °F
Wind Speed: 3 to 13 miles per hour
Wind Direction: West/ Northwest
Conditions: Fair

| Downwind Air Monitoring Station (Southeast) | | | | | | | |
|---|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533213308) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | No | 0.007 to 0.024 | 0.016007434 | 0.016 to 0.016 | 0.016 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.008 to 0.032 | 0.016007434 | 0.019 to 0.019 | 0.019 |

| North Air Monitoring Station | | | | | | | |
|--------------------------------------|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533233408) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | No | 0.001 to 0.022 | 0.009973038 | 0.009 to 0.010 | 0.010 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.002 to 0.022 | 0.010218374 | 0.009 to 0.011 | 0.010 |

| East Air Monitoring Station | | | | | | | |
|--------------------------------------|--|--|---|--------------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Instrument | Analyte | Public Health Screening Level ¹ | Public Health Screening Level Exceeded? | 15-Minute Period Concentration Range | Average of All 15-Minute Periods | 8-Hour Period Concentration Range | Average of All 8-Hour Periods |
| DustTrak (S/N: 8533233409) | PM _{2.5} (mg/m ³) | 0.035 mg/m ³ | Yes (see comment 2) | 0.015 to 0.041 | 0.02267608 | 0.023 to 0.023 | 0.023 |
| | PM ₁₀ (mg/m ³) | 0.15 mg/m ³ | No | 0.017 to 0.071 | 0.02267608 | 0.029 to 0.029 | 0.029 |

Notes:

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1 - Screening Levels are based on 24-hour time-weighted averages and were established by EPA's National Ambient Air Quality Standards (NAAQS).

2 - Upwind/off-site elevated levels of PM_{2.5} and PM₁₀ impacted downwind air monitoring stations.