

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: 3/3/2025 - 08:28 to 17:14

Weather

Temperature: 32 - 48 °F
Wind Speed: 5 to 24 miles per hour
Wind Direction: South / southeast
Conditions: Cloudy

Downwind Air Monitoring Station (Northwest)							
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	0.016 to 0.034	0.024828343	0.025 to 0.025	0.025
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.018 to 0.065	0.024828343	0.036 to 0.038	0.037

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	Yes (see comment 2)	0.011 to 0.047	0.019005057	0.019 to 0.020	0.019
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.012 to 0.068	0.02268349	0.023 to 0.024	0.023

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)	0.018 to 0.051	0.03306542	0.033 to 0.034	0.034
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.023 to 0.105	0.03306542	0.049 to 0.049	0.049

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: 3/4/2025 - 07:45 to 14:08

Weather

Temperature: 42 - 47 °F
Wind Speed: 6 to 28 miles per hour
Wind Direction: South / southeast
Conditions: Cloudy

Downwind Air Monitoring Station (Northwest)							
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	0.001 to 0.026	0.018649256	0.020 to 0.020	0.020
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.001 to 0.034	0.018649256	0.027 to 0.027	0.027

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	0.011 to 0.019	0.014978427	0.015 to 0.015	0.015
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.011 to 0.019	0.015044325	0.015 to 0.015	0.015

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	No	0.012 to 0.022	0.018473786	0.019 to 0.019	0.019
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.016 to 0.023	0.018473786	0.019 to 0.019	0.019

Notes:

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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).

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: 3/6/2025 - 07:49 to 17:15

Weather

Temperature: 25 - 41 °F
Wind Speed: 3 - 17 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	Yes (see comment 2)	0.003 to 0.053	0.00971864	0.008 to 0.011	0.009
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.004 to 0.148	0.00971864	0.020 to 0.031	0.024

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	0.009 to 0.033	0.016243885	0.016 to 0.016	0.016
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.012 to 0.064	0.023358206	0.023 to 0.023	0.023

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	No	0.009 to 0.033	0.016065644	0.016 to 0.017	0.016
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.012 to 0.064	0.016065644	0.023 to 0.024	0.023

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: 3/7/2025 - 07:14 to 11:53

Weather

Temperature: 32 - 36 °F
Wind Speed: 0 - 8 miles per hour
Wind Direction: Northwest
Conditions: Cloudy, Light snow

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	0.012 to 0.025	0.016129141	0.016 to 0.016	0.016
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.012 to 0.059	0.016129141	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	0.010 to 0.019	0.014475694	0.014 to 0.014	0.014
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.010 to 0.019	0.014517393	0.014 to 0.014	0.014

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	No	0.014 to 0.023	0.019928132	0.020 to 0.020	0.020
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.015 to 0.024	0.019928132	0.020 to 0.020	0.020

Notes:

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