

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: 01/22/2025 - 14:13 to 16:35

Weather

Temperature: 0 - 24 °F
Wind Speed: 7 to 28 miles per hour
Wind Direction: South
Conditions: Cloudy with light snow

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)	0.000 to 0.113	0.014672867	0.014 to 0.014	0.014
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.000 to 0.163	0.02246893	0.021 to 0.021	0.021

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	0.006 to 0.012	0.009070409	0.009 to 0.009	0.009
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.008 to 0.015	0.009070409	0.011 to 0.011	0.011

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: 01/23/2025 - 07:35 to 16:45

Weather

Temperature: 2 to 25 °F
Wind Speed: 3 to 26 miles per hour
Wind Direction: North / Northwest
Conditions: Mostly sunny

Downwind Air Monitoring Station (South)							
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)	0.007 to 0.063	0.012706402	0.012 to 0.013	0.013
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.008 to 0.211	0.012706402	0.026 to 0.029	0.028

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 0.028	0.00919358	0.009 to 0.010	0.009
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.005 to 0.036	0.009719517	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	No	0.002 to 0.031	0.008454847	0.008 to 0.009	0.008
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.003 to 0.080	0.008454847	0.017 to 0.017	0.017

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: 01/24/2025 - 07:56 to 16:37

Weather

Temperature: -7 to 22 °F
Wind Speed: 0 to 14 miles per hour
Wind Direction: Southwest
Conditions: Partly cloudy

Downwind Air Monitoring Station (Northeast)							
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)	0.011 to 0.040	0.02000432	0.020 to 0.020	0.020
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.015 to 0.093	0.02000432	0.035 to 0.039	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	No	0.000 to 0.019	0.006637383	0.006 to 0.007	0.007
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.001 to 0.019	0.008451509	0.008 to 0.009	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	No	0.001 to 0.001	0.000974359	0.001 to 0.001	0.001
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.001 to 0.001	0.000974359	0.001 to 0.001	0.001

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.