

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: 02/10/2025 - 07:50 to 16:35

Weather

Temperature: 10 - 34 °F
Wind Speed: 0 to 8 miles per hour
Wind Direction: Northwest
Conditions: Partly 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	No	0.008 to 0.034	0.012128056	0.012 to 0.012	0.012
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.009 to 0.100	0.012128056	0.018 to 0.020	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 0.017	0.00872457	0.009 to 0.009	0.009
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.001 to 0.017	0.009177116	0.009 to 0.009	0.009

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 0.028	0.019266154	0.019 to 0.019	0.019
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.016 to 0.052	0.019266154	0.026 to 0.026	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).

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: 02/11/2025 - 07:56 to 16:44

Weather

Temperature: 16 to 27 °F
Wind Speed: 6 to 13 miles per hour
Wind Direction: Northeast
Conditions: Cloudy

Downwind Air Monitoring Station (Southwest)							
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)	0.010 to 0.049	0.016911133	0.017 to 0.017	0.017
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.013 to 0.146	0.016911133	0.032 to 0.032	0.032

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 0.020	0.01257276	0.012 to 0.013	0.013
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.010 to 0.027	0.013488186	0.013 to 0.013	0.013

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	0.016 to 0.035	0.021559409	0.022 to 0.022	0.022
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.021 to 0.055	0.021559409	0.030 to 0.030	0.030

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).

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: 02/13/2025 - 08:03 to 17:14

Weather

Temperature: 0 to 18 °F
Wind Speed: 5 to 18 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	0.008 to 0.024	0.013525891	0.013 to 0.014	0.013
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.009 to 0.040	0.013525891	0.015 to 0.016	0.015

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 0.022	0.014009986	0.014 to 0.014	0.014
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.012 to 0.034	0.0164916	0.016 to 0.016	0.016

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	0.011 to 0.022	0.0138632	0.014 to 0.014	0.014
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.012 to 0.034	0.0138632	0.016 to 0.016	0.016

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).

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: 02/14/2025 - 07:48 to 15:53

Weather

Temperature: -7 to 24 °F
Wind Speed: 3 to 26 miles per hour
Wind Direction: East / 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	0.013 to 0.023	0.018930316	0.019 to 0.019	0.019
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.016 to 0.028	0.018930316	0.022 to 0.022	0.022

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	0.013 to 0.023	0.018956184	0.019 to 0.019	0.019
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.016 to 0.027	0.022123972	0.022 to 0.022	0.022

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	0.016 to 0.032	0.024284462	0.024 to 0.024	0.024
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.019 to 0.054	0.024284462	0.034 to 0.034	0.034

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).