

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: 2/24/2025 - 07:36 to 17:16

Weather

Temperature: 37 - 56 °F
Wind Speed: 3 - 15 miles per hour
Wind Direction: Southwest
Conditions: 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	No	0.014 to 0.028	0.019971543	0.019 to 0.020	0.020
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.015 to 0.037	0.019971543	0.023 to 0.024	0.023

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 0.026	0.019821254	0.008 to 0.022	0.016
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.000 to 0.026	0.019937692	0.008 to 0.022	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	0.014 to 0.033	0.022856107	0.022 to 0.024	0.023
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.016 to 0.039	0.022856107	0.025 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).

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: 2/25/2025 - 07:31 to 16:50

Weather

Temperature: 28 - 53 °F
Wind Speed: 3 - 14 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	0.005 to 0.012	0.007278127	0.007 to 0.007	0.007
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.006 to 0.031	0.007278127	0.009 to 0.009	0.009

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	0.002 to 0.006	0.004173597	0.004 to 0.004	0.004
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.002 to 0.006	0.004316892	0.004 to 0.004	0.004

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	0.008 to 0.019	0.010163369	0.010 to 0.010	0.010
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.008 to 0.033	0.010163369	0.012 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).

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: 2/26/2025 - 07:33 to 16:58

Weather

Temperature: 34 - 51 °F
Wind Speed: 3 - 18 miles per hour
Wind Direction: North/Northeast
Conditions: Cloudy

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	No	0.016 to 0.029	0.021339533	0.022 to 0.022	0.022
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.017 to 0.035	0.021339533	0.024 to 0.025	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 0.023	0.016564735	0.016 to 0.018	0.017
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.009 to 0.024	0.016649717	0.017 to 0.018	0.017

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)	0.020 to 0.036	0.026590589	0.027 to 0.027	0.027
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.020 to 0.041	0.026590589	0.029 to 0.031	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).

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: 2/27/2025 - 07:34 to 16:51

Weather

Temperature: 29 - 49 °F
Wind Speed: 5 - 38 miles per hour
Wind Direction: North / Northwest
Conditions: Mostly cloudy, windy

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)	0.013 to 0.171	0.034697474	0.033 to 0.036	0.035
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.014 to 0.600	0.034697474	0.080 to 0.092	0.087

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 0.023	0.010710674	0.010 to 0.012	0.011
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.005 to 0.023	0.010764852	0.010 to 0.012	0.011

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 0.027	0.019988749	0.020 to 0.021	0.020
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.015 to 0.033	0.019988749	0.022 to 0.023	0.022

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: 2/28/2025 - 07:31 to 16:24

Weather

Temperature: 34 - 58 °F
Wind Speed: 8 - 48 miles per hour
Wind Direction: West
Conditions: Cloudy, windy

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)	0.004 to 0.064	0.010965113	0.010 to 0.011	0.011
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.006 to 0.183	0.010965113	0.019 to 0.022	0.021

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 0.009	0.002891854	0.003 to 0.003	0.003
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.000 to 0.013	0.004001462	0.004 to 0.004	0.004

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)	0.005 to 0.089	0.026338242	0.026 to 0.028	0.027
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.006 to 0.154	0.026338242	0.039 to 0.042	0.041

Notes:

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

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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.