

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: 1/13/2025 - 08:18 to 16:25

Weather

Temperature: 6 - 17 °F
Wind Speed: 13 to 26 miles per hour
Wind Direction: Northwest
Conditions: 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)	0.005 to 0.088	0.033625765	0.033 to 0.033	0.033
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.010 to 0.317	0.033625765	0.112 to 0.112	0.112

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	0.006 to 0.017	0.007914542	0.008 to 0.008	0.008
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.007 to 0.029	0.009608099	0.010 to 0.010	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 0.368	0.064361152	0.064 to 0.064	0.064
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.025 to 0.726	0.064361152	0.129 to 0.129	0.129

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: 1/14/2025 - 08:26 to 16:16

Weather

Temperature: 7 - 16 °F
Wind Speed: 15 to 25 miles per hour
Wind Direction: Northwest
Conditions: Snowy, 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)	0.012 to 0.118	0.028854975	0.029 to 0.029	0.029
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.020 to 0.445	0.028854975	0.084 to 0.084	0.084

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	0.008 to 0.021	0.011435771	0.011 to 0.011	0.011
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.009 to 0.030	0.013598072	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	Yes (see comment 2)	0.009 to 0.048	0.016209109	0.016 to 0.016	0.016
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.011 to 0.118	0.016209109	0.027 to 0.027	0.027

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: 1/15/2025 - 08:34 to 15:56

Weather

Temperature: 3 - 21 °F
Wind Speed: 5 - 11 miles per hour
Wind Direction: Northeast
Conditions: Sunny

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)	0.013 to 0.316	0.044078857	0.044 to 0.044	0.044
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.022 to 1.074	0.044078857	0.127 to 0.127	0.127

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 0.020	0.006454354	0.007 to 0.007	0.007
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	-0.001 to 0.051	0.012069328	0.012 to 0.012	0.012

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)	0.012 to 0.038	0.016240817	0.016 to 0.016	0.016
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.016 to 0.090	0.016240817	0.024 to 0.024	0.024

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: 1/16/2024 - 08:35 to 16:05

Weather

Temperature: 20 - 39 °F
Wind Speed: 8 to 29 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)	0.009 to 0.157	0.037421626	0.037 to 0.037	0.037
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.012 to 0.518	0.037421626	0.109 to 0.109	0.109

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	0.006 to 0.021	0.010644763	0.011 to 0.011	0.011
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.006 to 0.039	0.01218195	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	Yes (see comment 2)	0.008 to 0.106	0.029698557	0.030 to 0.030	0.030
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.010 to 0.283	0.029698557	0.065 to 0.065	0.065

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: 1/17/2025 - 08:07 to 16:32

Weather

Temperature: 20 - 53 °F
Wind Speed: 7 to 35 miles per hour
Wind Direction: South
Conditions: Clear

Downwind Air Monitoring Station (North)							
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 0.022	0.013873225	0.014 to 0.014	0.014
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.013 to 0.054	0.013873225	0.023 to 0.023	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	0.009 to 0.033	0.014456572	0.014 to 0.015	0.014
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.009 to 0.070	0.023145926	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	0.008 to 0.032	0.016428895	0.016 to 0.016	0.016
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.009 to 0.062	0.016428895	0.025 to 0.025	0.025

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).