

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: 12/09/2024 - 07:22 to 16:09

Weather

Temperature: 34 - 50 °F
Wind Speed: 7 - 14 miles per hour
Wind Direction: West / Southwest
Conditions: Partly 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	-0.012 to 0.022	-0.006073748	-0.006 to -0.006	-0.006
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	-0.010 to 0.026	-0.006073748	-0.004 to -0.004	-0.004

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)	0.002 to 0.054	0.012605488	0.012 to 0.013	0.012
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.003 to 0.055	0.013248169	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)	-0.003 to 0.056	0.009322144	0.009 to 0.009	0.009
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	-0.001 to 0.093	0.009322144	0.020 to 0.020	0.020

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: 12/10/2024 - 07:28 to 15:57

Weather

Temperature: 27 - 34 °F
Wind Speed: 3 to 15 miles per hour
Wind Direction: West / northwest
Conditions: Mostly 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	-0.006 to 0.014	0.001779212	0.002 to 0.002	0.002
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	-0.006 to 0.022	0.001779212	0.004 to 0.004	0.004

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	0.006925459	0.007 to 0.007	0.007
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.003 to 0.018	0.007339375	0.007 to 0.007	0.007

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 0.015	0.006260762	0.006 to 0.006	0.006
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.003 to 0.031	0.006260762	0.012 to 0.012	0.012

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).

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: 12/11/2024 - 07:27 to 16:07

Weather

Temperature: 6 - 29 °F
Wind Speed: 8 to 36 miles per hour
Wind Direction: West / northwest
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	Yes (see comment 2)	0.000 to 0.056	0.010867513	0.011 to 0.011	0.011
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.000 to 0.148	0.010867513	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	0.002 to 0.029	0.009554866	0.009 to 0.010	0.010
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.002 to 0.032	0.011305219	0.011 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	Yes (see comment 2)	-0.002 to 0.097	0.021417782	0.021 to 0.022	0.022
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.000 to 0.223	0.021417782	0.052 to 0.055	0.053

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).
- 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: 12/12/2024 - 07:45 to 16:10

Weather

Temperature: 2 - 13 °F
Wind Speed: 5 to 21 miles per hour
Wind Direction: West / northwest
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	0.000 to 0.012	0.0037116	0.004 to 0.004	0.004
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.000 to 0.046	0.0037116	0.012 to 0.012	0.012

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 0.011	0.002892446	0.003 to 0.003	0.003
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.000 to 0.011	0.003201364	0.003 to 0.003	0.003

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)	0.003 to 0.057	0.011459309	0.011 to 0.011	0.011
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.005 to 0.130	0.011459309	0.023 to 0.023	0.023

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 of 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: 12/13/2024 - 09:14 to 15:44

Weather

Temperature: 4 - 24 °F
Wind Speed: 0 - 8 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)	0.009 to 0.050	0.01932435	0.019 to 0.019	0.019
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.016 to 0.153	0.01932435	0.051 to 0.051	0.051

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 0.021	0.012178057	0.012 to 0.012	0.012
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.009 to 0.035	0.01440694	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	0.005 to 0.022	0.007141969	0.008 to 0.008	0.008
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.006 to 0.030	0.007141969	0.009 to 0.009	0.009

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.
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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).
- 2 - Upwind/off-site elevated levels of PM_{2.5} and PM₁₀ impacted downwind air monitoring stations.