

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: 11/04/2024 - 09:40 to 16:14

Weather

Temperature: 61 - 69 °F
Wind Speed: 11 to 23 miles per hour
Wind Direction: South/southwest
Conditions: Cloudy and drizzly

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	0.006 to 0.011	0.008215249	0.008 to 0.008	0.008
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.006 to 0.012	0.008215249	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	0.006 to 0.031	0.015416144	0.015 to 0.015	0.015
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.006 to 0.043	0.016153218	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	0.003 to 0.008	0.005544153	0.006 to 0.006	0.006
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.003 to 0.009	0.005544153	0.006 to 0.006	0.006

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: 11/05/2024 - 07:48 to 14:41

Weather

Temperature: 54 - 66 °F
Wind Speed: 16 to 32 miles per hour
Wind Direction: South/southwest
Conditions: Cloudy, rainy

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	0.003 to 0.008	0.004701173	0.005 to 0.005	0.005
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.004 to 0.009	0.004701173	0.005 to 0.005	0.005

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 0.017	0.012357998	0.012 to 0.012	0.012
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.005 to 0.019	0.012755615	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	0.002 to 0.006	0.003318461	0.003 to 0.003	0.003
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.003 to 0.007	0.003318461	0.004 to 0.004	0.004

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. Air stations were pulled in early due to rain.
 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: 11/06/2024 - 08:02 to 16:17

Weather

Temperature: 42 - 55 °F
Wind Speed: 8 to 13 miles per hour
Wind Direction: North/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	No	0.001 to 0.010	0.003322772	0.003 to 0.003	0.003
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.001 to 0.011	0.003322772	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 0.006	0.003126361	0.003 to 0.003	0.003
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.001 to 0.006	0.003234038	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	No	0.001 to 0.006	0.002757606	0.003 to 0.003	0.003
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.001 to 0.008	0.002757606	0.004 to 0.004	0.004

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: 11/07/2024 - 07:59 to 16:12

Weather

Temperature: 35 - 56 °F
Wind Speed: 4 to 9 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	No	0.005 to 0.017	0.009115129	0.009 to 0.009	0.009
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.006 to 0.018	0.009115129	0.010 to 0.010	0.010

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	0.004 to 0.032	0.020456809	0.020 to 0.021	0.020
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.004 to 0.032	0.02074013	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	0.009 to 0.022	0.013182415	0.013 to 0.013	0.013
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.009 to 0.023	0.013182415	0.015 to 0.015	0.015

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: 11/08/2024 - 07:45 to 16:14

Weather

Temperature: 34 - 62 °F
Wind Speed: 3 to 12 miles per hour
Wind Direction: North/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	No	0.009 to 0.032	0.014168372	0.014 to 0.014	0.014
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.009 to 0.034	0.014168372	0.016 to 0.016	0.016

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)	0.018 to 0.037	0.025007344	0.025 to 0.025	0.025
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.018 to 0.038	0.025251277	0.025 to 0.025	0.025

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	0.007 to 0.025	0.013377117	0.013 to 0.013	0.013
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.008 to 0.029	0.013377117	0.015 to 0.015	0.015

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 - The period of elevated PM_{2.5} levels occurred while an operator was working upwind near air station and is not presumed to be a result of demolition activities.