

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: 11/18/2024 - 08:27 to 10:32

Weather

Temperature: 40 - 60 °F
Wind Speed: 5 to 9 miles per hour
Wind Direction: East/Southeast
Conditions: Cloudy, rainy

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)	0.026 to 0.042	0.032888072	0.033 to 0.033	0.033
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.029 to 0.065	0.032888072	0.044 to 0.044	0.044

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 stations were not deployed at North and East locations due to rain. 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 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: 11/19/2024 - 07:54 to 16:03

Weather

Temperature: 44 - 60 °F
Wind Speed: 16 to 32 miles per hour
Wind Direction: South / 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	0.003 to 0.008	0.005165057	0.005 to 0.005	0.005
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.004 to 0.008	0.005165057	0.006 to 0.006	0.006

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	0.003 to 0.013	0.007543364	0.008 to 0.008	0.008
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.003 to 0.018	0.008547271	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	0.002 to 0.008	0.004416046	0.005 to 0.005	0.005
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.003 to 0.013	0.004416046	0.007 to 0.007	0.007

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: 11/20/2024 - 07:48 to 15:46

Weather

Temperature: 29 - 44 °F
Wind Speed: 10 miles per hour
Wind Direction: West / Southwest
Conditions: Partly 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	0.002 to 0.023	0.005196372	0.005 to 0.005	0.005
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.003 to 0.079	0.005196372	0.014 to 0.014	0.014

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 0.010	0.004089197	0.004 to 0.004	0.004
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.002 to 0.010	0.004515386	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	0.002 to 0.012	0.005662578	0.006 to 0.006	0.006
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.004 to 0.025	0.005662578	0.010 to 0.010	0.010

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: 11/22/2024 - 07:40 to 16:06

Weather

Temperature: 38 - 46 °F
Wind Speed: 7 to 15 miles per hour
Wind Direction: West / 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	0.002 to 0.008	0.003817486	0.004 to 0.004	0.004
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.002 to 0.013	0.003817486	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	0.000 to 0.005	0.000364709	0.001 to 0.001	0.001
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.000 to 0.005	0.000453522	0.001 to 0.001	0.001

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 0.021	0.004384736	0.004 to 0.005	0.004
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.002 to 0.034	0.004384736	0.005 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).