

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: 12/2/2024 - 11:17 to 16:34

Weather

Temperature: 10 - 24 °F
Wind Speed: 5 - 13 miles per hour
Wind Direction: Northwest
Conditions: Cloudy, flurries

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	0.000 to 0.000	#DIV/0!	0.006 to 0.006	0.006
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.000 to 0.000	#DIV/0!	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	0.009 to 0.018	0.013272055	0.013 to 0.013	0.013
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.009 to 0.018	0.013405782	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	0.010 to 0.020	0.013630675	0.014 to 0.014	0.014
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.010 to 0.022	0.013630675	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: 12/3/2024 - 07:54 to 16:08

Weather

Temperature: 15 - 29 °F
Wind Speed: 5 - 23 miles per hour
Wind Direction: West / southwest
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	0.013 to 0.023	0.018096925	0.018 to 0.018	0.018
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.014 to 0.042	0.018096925	0.024 to 0.024	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	0.018 to 0.030	0.022562238	0.022 to 0.023	0.023
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.018 to 0.039	0.023425151	0.023 to 0.024	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	0.015 to 0.030	0.020755848	0.021 to 0.021	0.021
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.017 to 0.052	0.020755848	0.028 to 0.028	0.028

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: 12/4/2024 - 08:33 to 16:00

Weather

Temperature: 19 - 40 °F
Wind Speed: 8 - 50 miles per hour
Wind Direction: West
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	Yes (see comment 2)	0.013 to 0.224	0.027848029	0.028 to 0.028	0.028
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.015 to 0.321	0.027848029	0.043 to 0.043	0.043

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)	0.019 to 0.038	0.023540882	0.024 to 0.024	0.024
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.020 to 0.074	0.026327005	0.027 to 0.027	0.027

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)	0.016 to 0.285	0.052167101	0.057 to 0.057	0.057
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.019 to 0.655	0.052167101	0.121 to 0.121	0.121

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: 12/5/2024 - 07:54 to 15:56

Weather

Temperature: 10 - 28 °F
Wind Speed: 8 - 36 miles per hour
Wind Direction: West / northwest
Conditions: Clear

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)	0.004 to 0.203	0.035918167	0.039 to 0.039	0.039
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.011 to 0.612	0.035918167	0.117 to 0.117	0.117

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 0.016	0.006929218	0.007 to 0.007	0.007
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.003 to 0.017	0.007520836	0.008 to 0.008	0.008

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	0.004 to 0.015	0.00835923	0.008 to 0.008	0.008
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.006 to 0.035	0.00835923	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 - 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: 12/6/2024 - 07:52 to 16:02

Weather

Temperature: 9 - 34 °F
Wind Speed: 3 to 24 miles per hour
Wind Direction: South
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	Yes (see comment 2)	0.008 to 0.040	0.011803088	0.013 to 0.013	0.013
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.013 to 0.073	0.011803088	0.021 to 0.021	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	0.009 to 0.018	0.013266703	0.013 to 0.013	0.013
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.011 to 0.024	0.01600433	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	Yes (see comment 2)	0.014 to 0.038	0.026071534	0.025 to 0.025	0.025
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.022 to 0.088	0.026071534	0.055 to 0.055	0.055

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.