

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: October 28, 2024 - 08:36 to 17:08

Weather

Temperature: 39 - 67 °F
Wind Speed: 12 to 23 miles per hour
Wind Direction: South / southeast
Conditions: Mostly cloudy

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	0.012 to 0.029	0.02004933	0.020 to 0.020	0.020
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.015 to 0.036	0.02004933	0.025 to 0.025	0.025

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)	0.006 to 0.041	0.028332372	0.029 to 0.029	0.029
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.007 to 0.049	0.029925757	0.030 to 0.030	0.030

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	0.011 to 0.024	0.01705185	0.017 to 0.017	0.017
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.013 to 0.026	0.01705185	0.019 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: October 29, 2024 - 08:02 to 17:10

Weather

Temperature: 64 - 80 °F
Wind Speed: 16 to 36 miles per hour
Wind Direction: South
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	Yes (see comment 2)	0.023 to 0.039	0.027002534	0.026 to 0.028	0.027
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.027 to 0.042	0.027002534	0.031 to 0.032	0.032

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)	0.028 to 0.039	0.033952734	0.033 to 0.035	0.034
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.030 to 0.041	0.036166218	0.036 to 0.037	0.036

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 0.038	0.019552687	0.019 to 0.020	0.020
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.018 to 0.041	0.019552687	0.023 to 0.023	0.023

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 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: October 30, 2024 - 07:48 to 16:54

Weather

Temperature: 66 - 77 °F
Wind Speed: 18 to 33 miles per hour
Wind Direction: South / southwest
Conditions: Partly cloudy

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	0.023 to 0.034	0.026154541	0.026 to 0.026	0.026
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.026 to 0.037	0.026154541	0.031 to 0.031	0.031

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	0.029 to 0.035	0.032527379	0.033 to 0.033	0.033
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.031 to 0.039	0.034299892	0.034 to 0.034	0.034

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	0.019 to 0.033	0.022834331	0.022 to 0.023	0.023
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.021 to 0.035	0.022834331	0.025 to 0.026	0.025

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: October 31, 2024 - 07:50 to 16:48

Weather

Temperature: 41 - 69 °F
Wind Speed: 17 to 32 miles per hour
Wind Direction: South / southwest
Conditions: Cloudy, light rain

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	Yes (see comment 2)	0.002 to 0.139	0.008618572	0.009 to 0.009	0.009
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	Yes (see comment 2)	0.003 to 0.342	0.008618572	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	No	0.001 to 0.014	0.004663814	0.005 to 0.005	0.005
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.002 to 0.016	0.005247852	0.005 to 0.005	0.005

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	0.003124103	0.003 to 0.003	0.003
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.002 to 0.007	0.003124103	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).

2 - Upwind/off-site elevated levels PM_{2.5} and PM₁₀ impacted downwind air monitoring stations. Welding work occurred at south adjacent property.

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: 11/1/2024 - 07:55 to 16:59

Weather

Temperature: 35 - 54 °F
Wind Speed: 5 to 9 miles per hour
Wind Direction: Northwest
Conditions: Clear

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	0.003 to 0.009	0.004837166	0.005 to 0.005	0.005
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.003 to 0.013	0.004837166	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	0.000 to 0.027	0.014270459	0.013 to 0.016	0.014
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.000 to 0.027	0.014502138	0.013 to 0.016	0.015

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 0.010	0.004470847	0.004 to 0.005	0.004
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.002 to 0.011	0.004470847	0.005 to 0.005	0.005

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).