

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 21, 2024 - 08:55 through 17:16

Weather

Temperature: 50 to 80 °F
Wind Speed: 7 to 15 miles per hour
Wind Direction: South / southwest
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	No	0.017 to 0.030	0.022709105	0.023 to 0.023	0.023
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.021 to 0.048	0.022709105	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)	0.029 to 0.044	0.038528675	0.039 to 0.039	0.039
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.033 to 0.062	0.042825727	0.043 to 0.043	0.043

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	0.016 to 0.024	0.018965933	0.019 to 0.019	0.019
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.020 to 0.039	0.018965933	0.026 to 0.026	0.026

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 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 22, 2024 - 08:14 through 16:35

Weather

Temperature: 50 - 67 °F
Wind Speed: 7 to 15 miles per hour
Wind Direction: Southeast
Conditions: Mostly cloudy with a chance of 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)	0.016 to 0.041	0.023674583	0.024 to 0.024	0.024
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.024 to 0.106	0.023674583	0.037 to 0.038	0.037

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	0.028148966	0.028 to 0.028	0.028
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.020 to 0.049	0.031011031	0.031 to 0.031	0.031

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	0.016 to 0.024	0.019644783	0.019 to 0.020	0.020
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.019 to 0.030	0.019644783	0.024 to 0.025	0.024

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 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 23, 2024 - 08:09 through 17:16

Weather

Temperature: 42 to 61 °F
Wind Speed: 12 to 23 miles per hour
Wind Direction: 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	Yes (see comment 2)	0.000 to 0.036	0.007632601	0.007 to 0.008	0.007
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.000 to 0.084	0.007632601	0.015 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	0.005 to 0.026	0.020099363	0.020 to 0.020	0.020
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.005 to 0.027	0.020407789	0.020 to 0.020	0.020

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 0.019	0.004504873	0.003 to 0.005	0.004
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.002 to 0.027	0.004504873	0.005 to 0.007	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).
- 2 - Upwind 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 24, 2024 - 07:47 through 16:27

Weather

Temperature: 34 to 66 °F
Wind Speed: 3 to 5 miles per hour
Wind Direction: Southwest
Conditions: Clear

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	0.009 to 0.021	0.012795604	0.013 to 0.013	0.013
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.015 to 0.031	0.012795604	0.019 to 0.019	0.019

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 0.027	0.018675778	0.019 to 0.019	0.019
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.008 to 0.029	0.020776651	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	0.006 to 0.025	0.01218305	0.012 to 0.012	0.012
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.009 to 0.035	0.01218305	0.017 to 0.017	0.017

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 25, 2024 - 07:57 to 17:12

Weather

Temperature: 43 to 62 °F
Wind Speed: 3 to 8 miles per hour
Wind Direction: 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	0.010 to 0.026	0.013288116	0.012 to 0.013	0.013
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.012 to 0.028	0.013288116	0.015 to 0.016	0.015

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	0.010 to 0.029	0.021376149	0.021 to 0.022	0.021
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.010 to 0.030	0.021973995	0.022 to 0.022	0.022

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	0.006 to 0.024	0.01125919	0.010 to 0.012	0.011
	PM ₁₀ (mg/m ³)	0.15 mg/m ³	No	0.007 to 0.025	0.01125919	0.011 to 0.014	0.013

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).