

# 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:** 1/6/2025 - 12:31 to 16:24

## Weather

**Temperature:** 16 - 29 °F  
**Wind Speed:** 6 - 16 miles per hour  
**Wind Direction:** North  
**Conditions:** Partly cloudy

Downwind Air Monitoring Station (South)							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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 <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	Yes (see comment 2)	0.005 to 0.041	0.019430199	0.019 to 0.019	0.019
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.012 to 0.142	0.019430199	0.063 to 0.063	0.063

North Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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 <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.004 to 0.006	0.005048545	0.005 to 0.005	0.005
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.004 to 0.006	0.005255125	0.005 to 0.005	0.005

East Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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 <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.001 to 0.009	0.003282092	0.003 to 0.003	0.003
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.001 to 0.014	0.003282092	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).

2 - Upwind/off-site elevated levels of PM<sub>2.5</sub> and PM<sub>10</sub> 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:** 1/7/2025 - 08:01 to 16:20

**Weather**

**Temperature:** 11 - 25 °F  
**Wind Speed:** 3 - 12 miles per hour  
**Wind Direction:** North / Northwest  
**Conditions:** Mostly cloudy

Downwind Air Monitoring Station (South)							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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 <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	Yes (see comment 2)	0.006 to 0.050	0.016621086	0.017 to 0.017	0.017
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	Yes (see comment 2)	0.007 to 0.167	0.016621086	0.049 to 0.049	0.049

North Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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 <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.006 to 0.012	0.008146559	0.008 to 0.008	0.008
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.006 to 0.012	0.008313628	0.008 to 0.008	0.008

East Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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 <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.006 to 0.014	0.008481474	0.009 to 0.009	0.009
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.006 to 0.018	0.008481474	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).
- 2 - Upwind/off-site elevated levels of PM<sub>2.5</sub> and PM<sub>10</sub> 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:** 1/8/2025 - 07:55 to 16:00

## Weather

**Temperature:** 10 - 23 °F  
**Wind Speed:** 6 - 16 miles per hour  
**Wind Direction:** Northwest  
**Conditions:** Mostly cloudy

Downwind Air Monitoring Station (South)							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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 <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	Yes (see comment 2)	0.006 to 0.066	0.024948517	0.025 to 0.025	0.025
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	Yes (see comment 2)	0.011 to 0.207	0.024948517	0.069 to 0.069	0.069

North Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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 <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.007 to 0.028	0.01226218	0.012 to 0.012	0.012
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.008 to 0.062	0.015806518	0.016 to 0.016	0.016

East Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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 <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	No	0.008 to 0.021	0.013138821	0.013 to 0.013	0.013
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.010 to 0.045	0.013138821	0.018 to 0.018	0.018

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<sub>2.5</sub> and PM<sub>10</sub> 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:** 1/9/2025 - 07:54 to 16:03

## Weather

**Temperature:** 9 - 29 °F  
**Wind Speed:** 2 - 22 miles per hour  
**Wind Direction:** Northwest  
**Conditions:** Sunny

Downwind Air Monitoring Station (South)							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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 <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	Yes (see comment 2)	0.016 to 0.091	0.041065516	0.041 to 0.041	0.041
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	Yes (see comment 2)	0.023 to 0.233	0.041065516	0.084 to 0.084	0.084

North Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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 <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	Yes (see comment 2)	0.013 to 0.068	0.035858343	0.036 to 0.036	0.036
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.016 to 0.135	0.053629905	0.055 to 0.055	0.055

East Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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 <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	Yes (see comment 2)	0.017 to 0.050	0.031201209	0.031 to 0.031	0.031
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.021 to 0.080	0.031201209	0.039 to 0.039	0.039

## Notes:

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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<sub>2.5</sub> and PM<sub>10</sub> 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:** 1/10/2025 - 08:13 to 16:00

## Weather

**Temperature:** 21 - 31 °F  
**Wind Speed:** 5 - 9 miles per hour  
**Wind Direction:** West / Southwest  
**Conditions:** Cloudy, snow

Downwind Air Monitoring Station (South)							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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
<b>DustTrak</b> (S/N: 8533213308)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	Yes (see comment 2)	0.037 to 0.057	0.044900956	0.045 to 0.045	0.045
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.039 to 0.069	0.044900956	0.049 to 0.049	0.049

North Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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
<b>DustTrak</b> (S/N: 8533233408)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	Yes (see comment 2)	0.038 to 0.054	0.045208282	0.045 to 0.045	0.045
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.038 to 0.055	0.045827288	0.046 to 0.046	0.046

East Air Monitoring Station							
Instrument	Analyte	Public Health Screening Level <sup>1</sup>	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
<b>DustTrak</b> (S/N: 8533233409)	PM <sub>2.5</sub> (mg/m <sup>3</sup> )	0.035 mg/m <sup>3</sup>	Yes (see comment 2)	0.037 to 0.057	0.045689043	0.046 to 0.046	0.046
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.038 to 0.057	0.045689043	0.047 to 0.047	0.047

## Notes:

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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<sub>2.5</sub> and PM<sub>10</sub> impacted downwind air monitoring stations.