

# 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:* 1/13/2025 - 08:18 to 16:25

**Weather**

*Temperature:* 6 - 17 °F  
*Wind Speed:* 13 to 26 miles per hour  
*Wind Direction:* Northwest  
*Conditions:* Sunny

Downwind Air Monitoring Station (Southeast)							
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 0.088	0.033625765	0.033 to 0.033	0.033
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	Yes (see comment 2)	0.010 to 0.317	0.033625765	0.112 to 0.112	0.112

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 0.017	0.007914542	0.008 to 0.008	0.008
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.007 to 0.029	0.009608099	0.010 to 0.010	0.010

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)	0.015 to 0.368	0.064361152	0.064 to 0.064	0.064
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	Yes (see comment 2)	0.025 to 0.726	0.064361152	0.129 to 0.129	0.129

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:** 1/14/2025 - 08:26 to 16:16

**Weather**

**Temperature:** 7 - 16 °F  
**Wind Speed:** 15 to 25 miles per hour  
**Wind Direction:** Northwest  
**Conditions:** Snowy, sunny

Downwind Air Monitoring Station (Southeast)							
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)	0.012 to 0.118	0.028854975	0.029 to 0.029	0.029
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	Yes (see comment 2)	0.020 to 0.445	0.028854975	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>	No	0.008 to 0.021	0.011435771	0.011 to 0.011	0.011
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.009 to 0.030	0.013598072	0.014 to 0.014	0.014

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)	0.009 to 0.048	0.016209109	0.016 to 0.016	0.016
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.011 to 0.118	0.016209109	0.027 to 0.027	0.027

**Notes:**

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- 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:** 1/15/2025 - 08:34 to 15:56

## Weather

**Temperature:** 3 - 21 °F  
**Wind Speed:** 5 - 11 miles per hour  
**Wind Direction:** Northeast  
**Conditions:** Sunny

Downwind Air Monitoring Station (Northeast)							
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)	0.013 to 0.316	0.044078857	0.044 to 0.044	0.044
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	Yes (see comment 2)	0.022 to 1.074	0.044078857	0.127 to 0.127	0.127

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	-0.002 to 0.020	0.006454354	0.007 to 0.007	0.007
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	-0.001 to 0.051	0.012069328	0.012 to 0.012	0.012

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)	0.012 to 0.038	0.016240817	0.016 to 0.016	0.016
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.016 to 0.090	0.016240817	0.024 to 0.024	0.024

## Notes:

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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:* 1/16/2024 - 08:35 to 16:05

**Weather**

*Temperature:* 20 - 39 °F  
*Wind Speed:* 8 to 29 miles per hour  
*Wind Direction:* Northwest  
*Conditions:* Cloudy

Downwind Air Monitoring Station (Southeast)							
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)	0.009 to 0.157	0.037421626	0.037 to 0.037	0.037
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	Yes (see comment 2)	0.012 to 0.518	0.037421626	0.109 to 0.109	0.109

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 0.021	0.010644763	0.011 to 0.011	0.011
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.006 to 0.039	0.01218195	0.013 to 0.013	0.013

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)	0.008 to 0.106	0.029698557	0.030 to 0.030	0.030
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	Yes (see comment 2)	0.010 to 0.283	0.029698557	0.065 to 0.065	0.065

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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:** 1/17/2025 - 08:07 to 16:32

## Weather

**Temperature:** 20 - 53 °F  
**Wind Speed:** 7 to 35 miles per hour  
**Wind Direction:** South  
**Conditions:** Clear

Downwind Air Monitoring Station (North)							
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>	No	0.010 to 0.022	0.013873225	0.014 to 0.014	0.014
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.013 to 0.054	0.013873225	0.023 to 0.023	0.023

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	0.009 to 0.033	0.014456572	0.014 to 0.015	0.014
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.009 to 0.070	0.023145926	0.023 to 0.023	0.023

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 0.032	0.016428895	0.016 to 0.016	0.016
	PM <sub>10</sub> (mg/m <sup>3</sup> )	0.15 mg/m <sup>3</sup>	No	0.009 to 0.062	0.016428895	0.025 to 0.025	0.025

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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).