

# Central Indiana

## March 2025 Preliminary Weather Summary

**10<sup>th</sup> Warmest March on record at Indianapolis**

**51<sup>st</sup> Driest March on record at Indianapolis (Tied)**

**21<sup>st</sup> Least Snowiest March on record at Indianapolis (Tied)**

### Temperatures

Station	March 2025 Avg Temp	March 2025 Dep from Nml	Highest Temperature	Lowest Temperature
Indianapolis Int'l Airport	48.5	+6.1	81 on 28 <sup>th</sup>	15 on 2 <sup>nd</sup>
Lafayette	46.1	+6.1	81 on 28 <sup>th</sup>	12 on 2 <sup>nd</sup>
Muncie	47.6	+5.9	80 on 28 <sup>th</sup>	14 on 2 <sup>nd</sup>
Terre Haute	48.6	+5.8	81 on 14 <sup>th</sup> , 28 <sup>th</sup>	14 on 2 <sup>nd</sup>
Bloomington	48.4	+5.1	81 on 14 <sup>th</sup> , 28 <sup>th</sup>	13 on 2 <sup>nd</sup>
Shelbyville	49.5	+6.2	83 on 28 <sup>th</sup>	17 on 2 <sup>nd</sup>
Eagle Creek Airpark	49.5	+6.9	82 on 28 <sup>th</sup>	18 on 2 <sup>nd</sup>

Indianapolis' average daily temperatures were above/below normal on 18/9 days, at normal on 4 days, and 16-24 degrees above normal on 8 days. Seasonable conditions through March's first and fourth weeks were offset by anomalous warmth during the 10<sup>th</sup>-15<sup>th</sup>, 18-19<sup>th</sup>, and 28-30<sup>th</sup>.

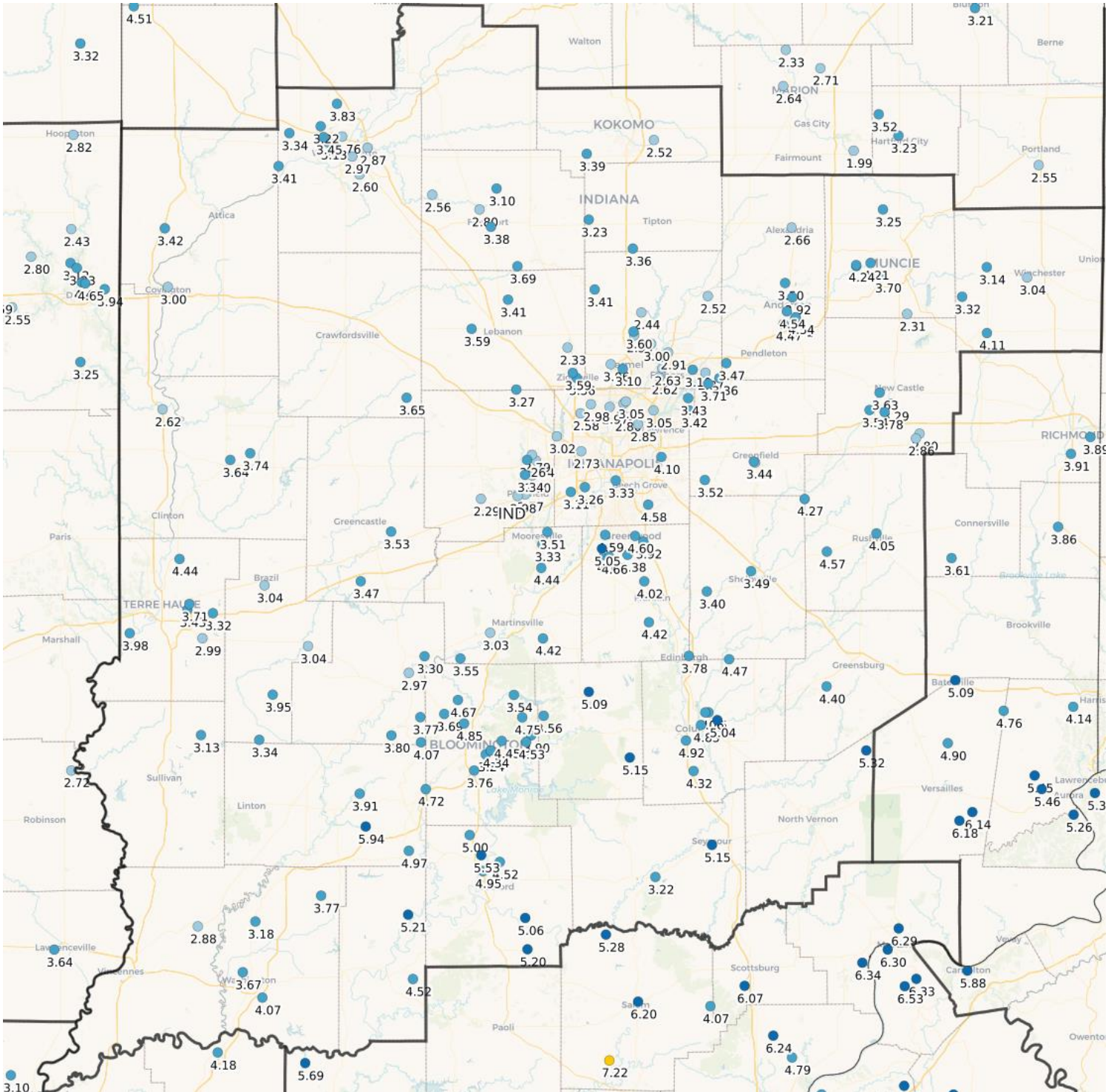
### Precipitation

Station	March 2025 Precipitation	March 2025 Dep from Nml	Wettest Day	Longest Dry Stretch
Indianapolis Int'l AP	2.78	-0.91	0.61 on 30 <sup>th</sup>	6 days: 9 <sup>th</sup> -14 <sup>th</sup>
Lafayette	2.90	+0.17	0.70 on 15 <sup>th</sup>	7 days: 8 <sup>th</sup> -14 <sup>th</sup>
Muncie	3.45	+0.37	1.21 on 15 <sup>th</sup>	7 days: 8 <sup>th</sup> -14 <sup>th</sup>
Terre Haute	3.19	+0.27	0.76 on 30 <sup>th</sup>	7 days: 7 <sup>th</sup> -13 <sup>th</sup>
Bloomington	4.17	+0.35	1.81 on 15 <sup>th</sup>	7 days: 8 <sup>th</sup> -14 <sup>th</sup>
Shelbyville	3.13	-0.32	1.10 on 15 <sup>th</sup>	6 days: 9 <sup>th</sup> -14 <sup>th</sup>
Eagle Creek Arpk	2.84	-0.44	0.67 on 30 <sup>th</sup>	6 days: 9 <sup>th</sup> -14 <sup>th</sup>

Despite overall near-normal precipitation, Indianapolis continued March 2024's trend – observing the 2<sup>nd</sup>-driest March since 2014. The 14-15<sup>th</sup> brought widespread 1-2" of rainfall along/east of the I-69 corridor, yet Moderate Drought (D1) that had expanded from the Upper Wabash Valley to nearly the region's northwestern half was maintained. The 29-30<sup>th</sup>'s widespread 0.60-1.40" rainfall was focused north/west of Indianapolis, providing much-needed partial drought relief.

# March 2025 Total Precipitation, From 3/1 Through 3/31/2025

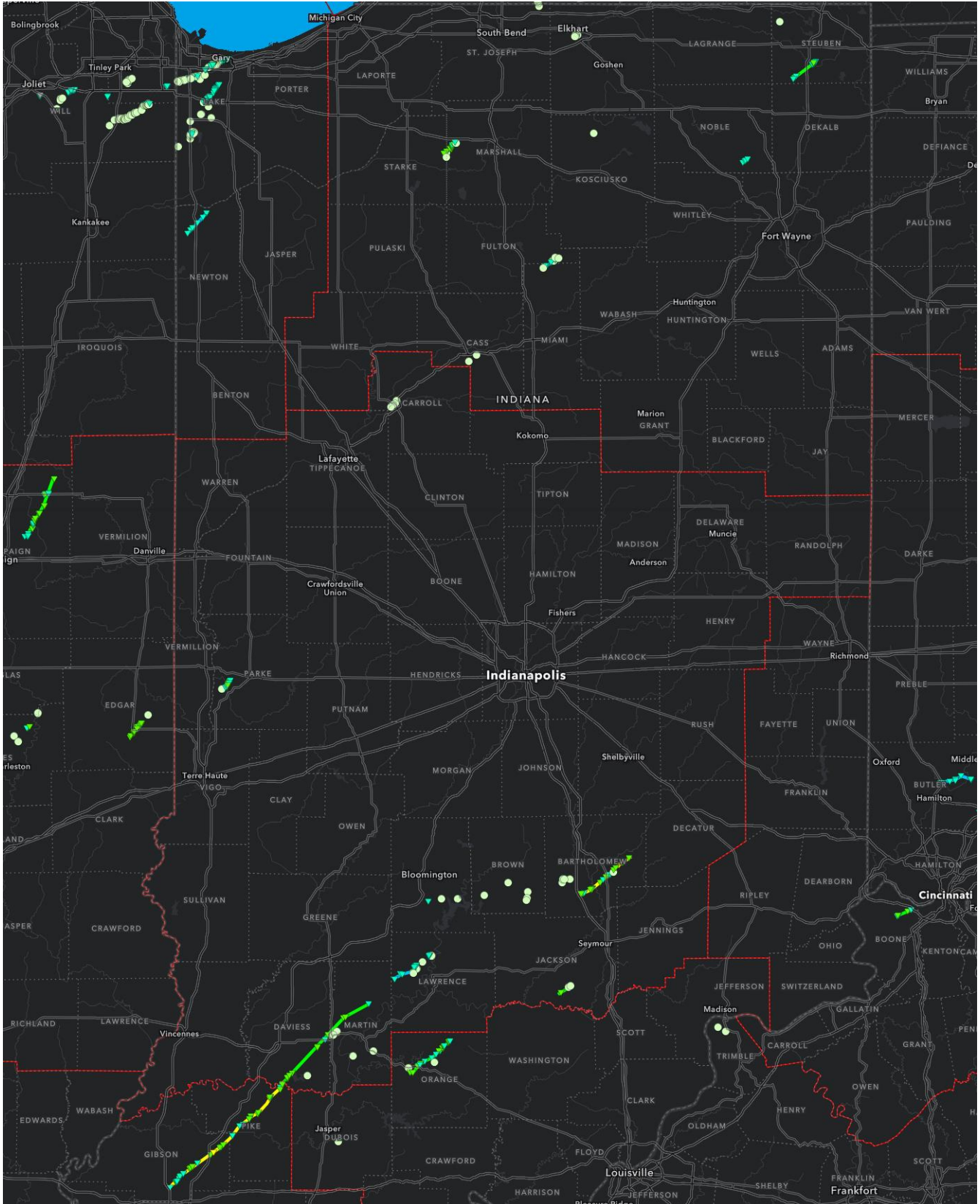
As Reported by Central Indiana CoCoRaHS Observers



For the period 1200 AM EST 3/1/2025 -to- 1159PM 3/31/2025, data is unofficial\*\*

The typical north-south precipitation gradient was more pronounced than usual, with 4.50-6.00" totals over south-central and southeastern counties at times double the monthly observations within several northwestern zones and even portions of the Indianapolis Metro where 2.70-3.80" was prevalent.

# MARCH 2025 INDIANA TORNADES



# Severe & Impactful Weather

March 2025 brought an active start to the spring season with the overall very mild pattern bringing three severe weather episodes: very early on the 15<sup>th</sup>, the evening of the 19<sup>th</sup>, and early evening on the 30<sup>th</sup>. These episodes also impacted much of the areas surrounding central Indiana, with the state totaling 8 tornadoes on 3/15, 7 tornadoes on 3/19, and 1 tornado on 3/30.

The early overnight hours starting **March 15 brought numerous severe thunderstorms** to nearly all corners of the region. Wind damage ranged from dozens of trees blown down across both Warren and Fountain Counties, to multiple power poles/lines downed in Knox and Bartholomew Counties and damage at over 50 locations in Rush County; straight line winds estimated around 80 mph both collapsed a new barn in Jackson County and blew over a security trailer north of Rushville, **injuring 3 people**. Lafayette gusted to 66 mph while Bloomington recorded 64 mph; marginally severe gusts around 60 mph were reported near Frankfort and in downtown Indianapolis. Several cells were tornadic: an **EF1 tornado** impacted Mecca (Parke Co.) before a (previously-EF2) tornado continued the last portion of its overall 58-mile track across Daviess and Martin Counties as an **EF1 tornado**. The Martin County circulation then spawned **two more EF0 tornadoes** in Lawrence County between the Silverville and Needmore communities. Lastly an **EF1 tornado** impacted rural south-central Jackson County. These 5 tornadoes within central Indiana occurred between 214 and 517 AM EDT.

The evening of March 19 saw thunderstorms produce widely scattered severe weather across the region's northwestern half as well as several storm reports along a swath between the Bedford to Greensburg areas. Numerous trees were uprooted in the Delphi (Carroll Co.) area, straight line winds were estimated as high as 70 mph both north of Terre Haute, and in Boone County, and a semi truck was blown over on I-65 in Clinton County. Hail up to 2.0" was observed in Lebanon and portions of Lawrence County; widespread large hail fell on the Greencastle (Putnam Co.) area, with a few hailstones larger than 1.50". An **EF2 tornado** tracked for over 13 miles across southeastern Bartholomew County, producing winds up to 112 mph, causing damage to well-built farm buildings and widespread power pole damage.

Yet another round of widespread strong to severe thunderstorms occurred on March 30 from mid-afternoon to early evening hours. A initial, afternoon round of storms produced over a dozen reports of straight line wind damage from the Upper Wabash Valley to north-central counties, with winds measured as high as **70 mph** near Lafayette. Widespread small hail along the I-70 corridor through the early evening included isolated large hail in Vigo and Putnam Counties. A final round of early evening storms produced widely scattered damage across the region's southern third: with wind to around 70 mph in both Knox and Brown Counties, several reports of marginally-severe hail (~1.00") and hail as large as golfballs (1.75"), and a very brief **EF0 tornado** south of Clear Creek (Monroe County).

*For info on severe weather in other areas during March, visit the Storm Prediction Center "Severe Weather Event Summaries" website at [spc.noaa.gov/climo/online](https://spc.noaa.gov/climo/online)*

# April 2025 Outlook

The official outlook for April 2025 from the Climate Prediction Center indicates equal chances of above, below, or near normal temperatures across the Midwest. The normal April temperature at Indianapolis is **53.6** degrees.

The outlook also indicates a slightly greater chance of above normal precipitation over Indiana, especially along and west of the Interstate 69 corridor. The normal Indianapolis April precipitation and snowfall are **4.34"** and **0.2"**, respectively.

*Data prepared by the Indianapolis Weather Forecast Office's State Climate Team*

*Questions should be referred to [nws.indianapolis@noaa.gov](mailto:nws.indianapolis@noaa.gov)*