

# Central Indiana

## May 2025 Preliminary Weather Summary

*72<sup>nd</sup> Coolest May on record at Indianapolis (Tied)*

*58<sup>th</sup> Wettest May on record at Indianapolis*

### Temperatures

Station	May 2025 Avg Temp	May 2025 Dep from Nml	Highest Temperature	Lowest Temperature
Indianapolis Int'l Airport	62.4	-1.2	87 on 15 <sup>th</sup>	41 on 23 <sup>rd</sup>
Lafayette	61.4	-0.2	90 on 15 <sup>th</sup>	37 on 10 <sup>th</sup> , 23 <sup>rd</sup>
Muncie	61.5	-2.9	86 on 15 <sup>th</sup> , 16 <sup>th</sup>	41 on 9 <sup>th</sup> , 23 <sup>rd</sup>
Terre Haute	64.2	+0.2	89 on 15 <sup>th</sup>	43 on 10 <sup>th</sup> , 23 <sup>rd</sup>
Bloomington	63.1	-0.5	87 on 15 <sup>th</sup>	41 on 10 <sup>th</sup> , 23 <sup>rd</sup>
Shelbyville	64.6	-0.5	89 on 15 <sup>th</sup>	44 on 10 <sup>th</sup> , 23 <sup>rd</sup>
Eagle Creek Airpark	62.9	-0.9	88 on 15 <sup>th</sup>	43 on 10 <sup>th</sup> , 23 <sup>rd</sup>

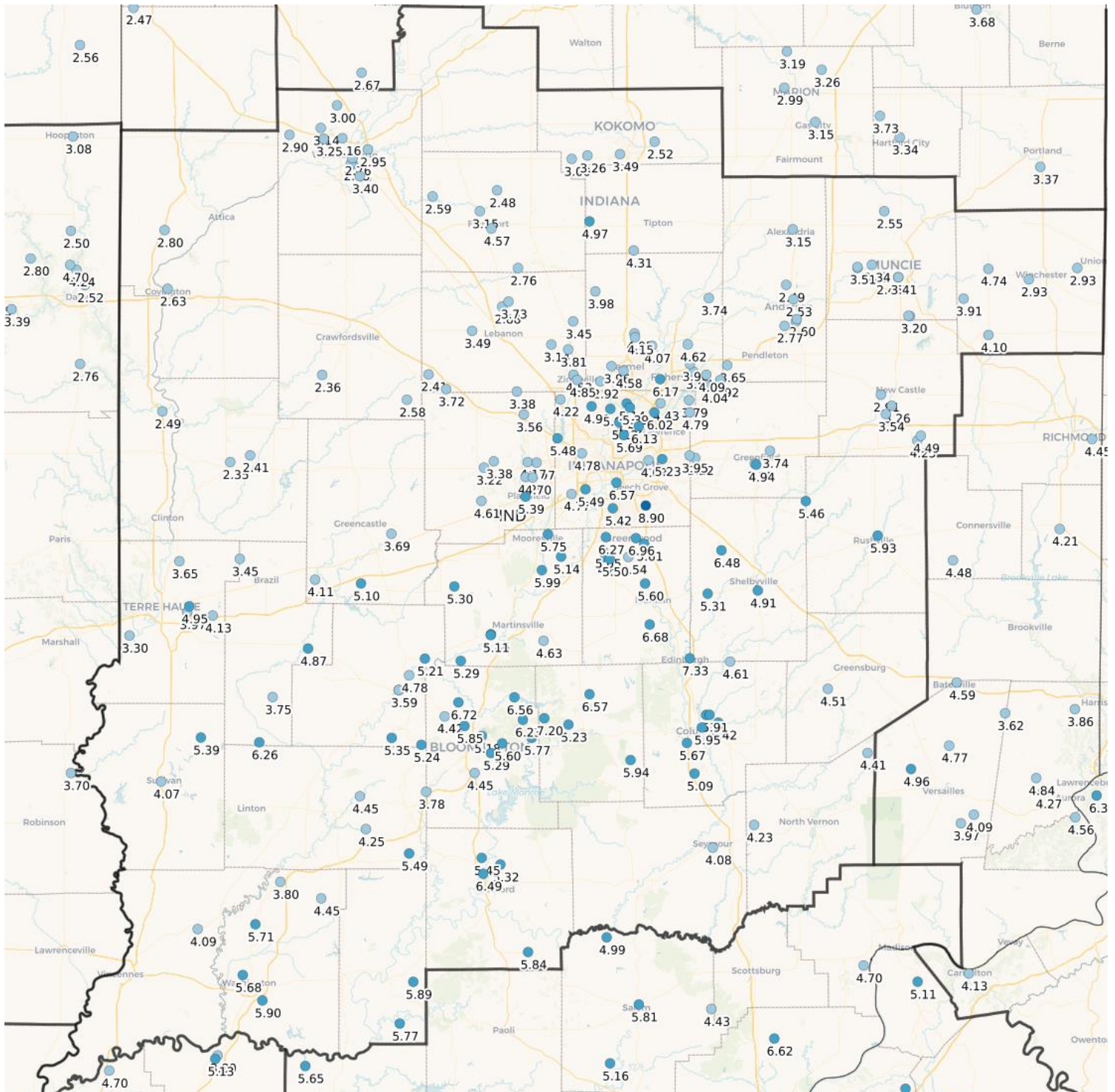
Indianapolis' average daily temperatures were above/below normal on 13/16 days, at normal on 2 days, and 9 degrees or more above/below normal on only 5 days. After an overall seasonable first week, very warm conditions on the 11<sup>th</sup>-16<sup>th</sup> were not enough to offset consistently cooler weather through the 20<sup>th</sup>-29<sup>th</sup>.

### Precipitation

Station	May 2025 Precipitation	May 2025 Dep from Nml	Wettest Day	Longest Dry Stretch
Indianapolis Int'l AP	4.42	-0.33	1.47 on 20 <sup>th</sup>	3 days: 9 <sup>th</sup> -11 <sup>th</sup> , 17 <sup>th</sup> -19 <sup>th</sup>
Lafayette	3.38	-0.66	1.41 on 20 <sup>th</sup>	6 days: 6 <sup>th</sup> -11 <sup>th</sup>
Muncie	3.04	-1.32	0.96 on 13 <sup>th</sup>	5 days: 7 <sup>th</sup> -11 <sup>th</sup>
Terre Haute	3.27	-1.44	1.21 on 20 <sup>th</sup>	4 days: 23 <sup>rd</sup> -26 <sup>th</sup>
Bloomington	4.12	-0.21	1.85 on 20 <sup>th</sup>	3 days: 9 <sup>th</sup> -11 <sup>th</sup> , 17 <sup>th</sup> -19 <sup>th</sup>
Shelbyville	5.18	+0.56	1.43 on 20 <sup>th</sup>	4 days: 23 <sup>rd</sup> -26 <sup>th</sup>
Eagle Creek Arpk	4.93	+0.61	2.70 on 14 <sup>th</sup>	5 days: 7 <sup>th</sup> -11 <sup>th</sup>

Despite frequent light showers, fewer widespread moderate to heavy rainfall episodes yielded overall near to below normal precipitation. Areas of heavier rains guided monthly sums, from the 13<sup>th</sup>-14<sup>th</sup> over the Indianapolis Metro and surrounding counties, the 20<sup>th</sup> across much of the region, yet especially Morgan Co., and along/south of I-70 on both the 3<sup>rd</sup>-4<sup>th</sup> and 30<sup>th</sup>.

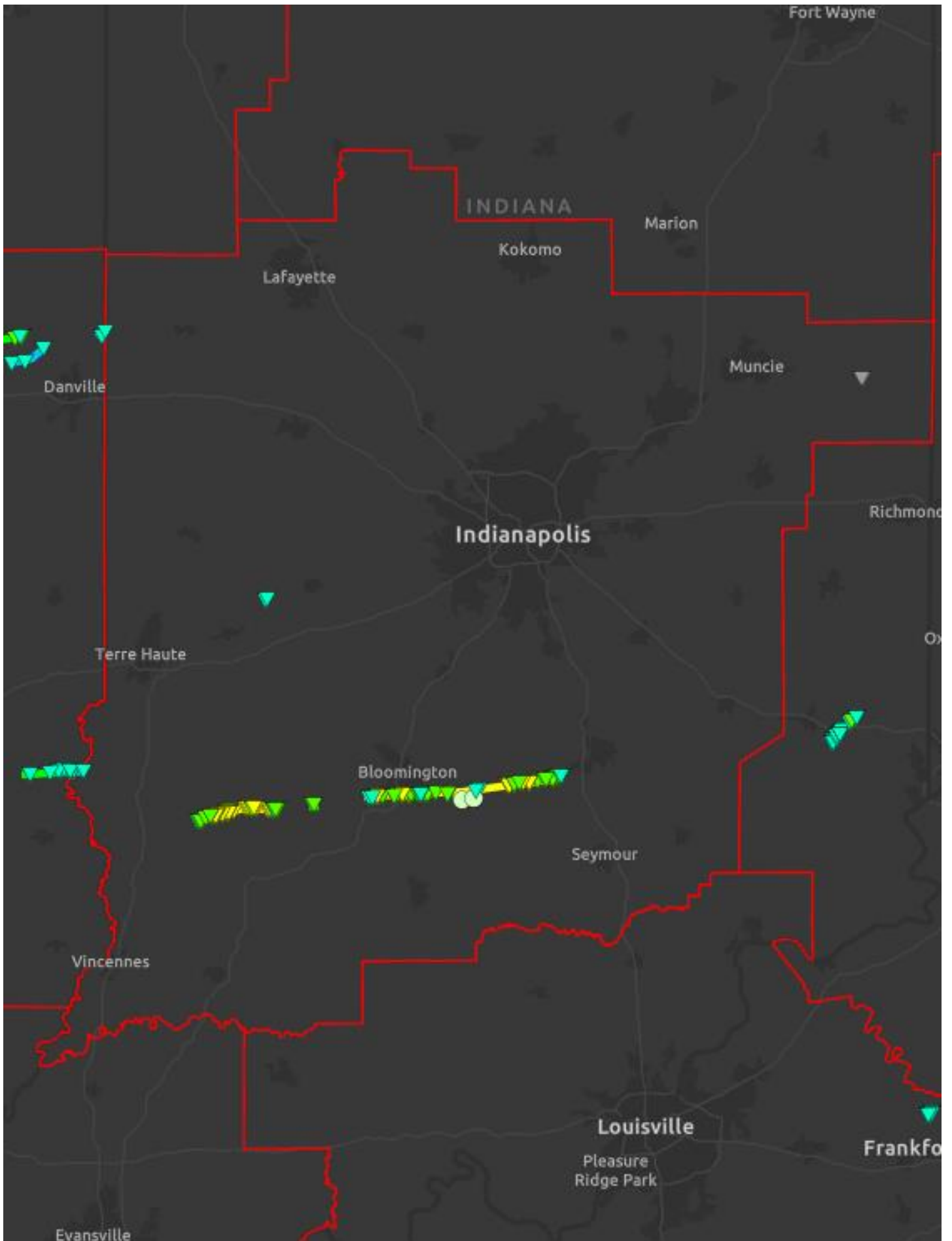
**May 2025 Total Precipitation, From Early 5/1 Through 5/31/2025**  
As Reported by Central Indiana CoCoRaHS Observers



For the period 700 AM EST 5/1/2025 -to- 1159PM 5/31/2025, data is unofficial\*\*

The typical north-south gradient was more pronounced than normal, with generally above normal precipitation totals across the south-central and southeastern counties (around **4.50-7.00"**), trending downward to subnormal amounts (as low as 2.30-4.00") over most zones north of I-70. Thunderstorms promoted locally strong rainfall variations, especially in the Indianapolis Metro where Southport recorded twice the total of the IND Airport only 10 miles to the west.

## MAY 2025 INDIANA TORNADOES



# Severe & Impactful Weather

May 2025 was noticeably less active than the spring's preceding two months, with severe weather occurring within central Indiana on three days, including only one larger episode on the 16<sup>th</sup>. The 14<sup>th</sup>'s overall mundane showers and few weak thunderstorms also included a cluster of cells that merged together, spawning a very brief landspout **EFU tornado** west of Winchester (Randolph Co.). May 20<sup>th</sup> featured several marginally strong to severe thunderstorms amid cool yet increasingly humid conditions: **1.00" hail** was reported in Montgomery County and from northeastern Morgan County to southeastern Marion County, while winds were strong enough to damage trees in Crawfordsville.

May 16<sup>th</sup> brought the month's lone outbreak when several rounds of discrete strong to severe thunderstorms impacted essentially all corners of the region, resulting in damaging straight line winds across 8 counties, widely scattered large to very large hail from rotating supercells (as great as **4.00"** in Sullivan County), and 5 more tornadoes that included an **EF2 with 4 casualties** in Greene County. Straight line winds produced damage from Fountain County to Hamilton County, with greatest intensity across southern Marion County (with estimated gusts to 65-80 mph and a **74 mph** reading at the Indianapolis Airport), Hamilton County (where multiple and/or large trees were downed), and northern Madison County (from winds estimated as high as 83 mph that downed multiple trees and powerlines). Multiple reports of hail as large as baseballs (2.75") to softballs (4.00") were received near Sullivan, before baseball-sized hailstones in southeastern Owen County broke windows in homes and vehicles and also dented vehicles, golf ball-sized hail (1.75") also occurred in the Bloomington area.

The 16<sup>th</sup>'s mini tornado outbreak brought 6 twisters to Indiana, 5 of which were within the local central Indiana region. The same supercell that produced the large to very large hail also spawned three tornadoes – a deadly **EF2** that tracked for 14 miles through western and central Greene County, a brief **EF1** in northeastern Greene County, and a long-lived (35-mile) **EF2** that tracked over central Monroe County, southern Brown County and into Bartholomew County before ending near Grandview Lake. The Greene Co. **EF2** caused significant structural damage to several homes both north of Linton and north to northeast of Switz City where several farm outbuildings were destroyed; numerous large trees were downed along the track, including one that fell onto a vehicle, injuring 3 while one person perished. The Greene Co. **EF1** downed numerous trees east of Tulip. The long track **EF2** destroyed a barn east of Elwren before causing minor damage to several homes and removing a post office roof in Clear Creek; major damage was inflicted on several more buildings southeast of Bloomington. In Brown County, substantial tree damage and isolated structural damage occurred, with the tornado exhibiting a wider path of tree damage up to 300-350 yards though much of Brown County State Park - Several areas exhibited EF2 intensity damage along a 4-mile track segment around the Stone Head area; into Bartholomew County damage was confined to at times substantial tree damage as the circulation weakened and ended. Two less intense tornadoes followed to the northwest: a weakening **EF0** that tracked from Illinois into northwestern Sullivan County, downing trees; and a brief **EF0** in far west-central Putnam County, downing numerous trees.

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

# June 2025 Outlook

The official outlook for June 2025 from the Climate Prediction Center indicates slightly greater chances of above normal temperatures across central Indiana, especially north of the I-74 corridor. The normal June temperature at Indianapolis is **72.5** degrees.

The outlook also indicates equal chances of above, below, or near normal precipitation over the central Indiana region and vicinity. The normal Indianapolis June precipitation is **4.95"**.

*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)*