

# Central Indiana

## April 2025 Preliminary Weather Summary

**31<sup>st</sup> Warmest April on record at Indianapolis** (Tied)

**\*\*5<sup>th</sup> Wettest April on record at Indianapolis\*\***

**25<sup>th</sup> Least Snowiest April on record at Indianapolis** (Tied)

### Temperatures

Station	April 2025 Avg Temp	April 2025 Dep from Nml	Highest Temperature	Lowest Temperature
Indianapolis Int'l Airport	54.9	+1.3	82 on 24 <sup>th</sup>	25 on 8 <sup>th</sup>
Lafayette	53.2	+2.1	84 on 24 <sup>th</sup>	23 on 8 <sup>th</sup>
Muncie	53.9	+0.4	85 on 24 <sup>th</sup>	24 on 8 <sup>th</sup>
Terre Haute	55.7	+1.8	83 on 28 <sup>th</sup>	27 on 8 <sup>th</sup>
Bloomington	56.1	+1.8	84 on 28 <sup>th</sup>	27 on 8 <sup>th</sup>
Shelbyville	56.7	+2.2	85 on 18 <sup>th</sup>	27 on 8 <sup>th</sup>
Eagle Creek Airpark	55.5	+1.9	84 on 24 <sup>th</sup>	25 on 8 <sup>th</sup>

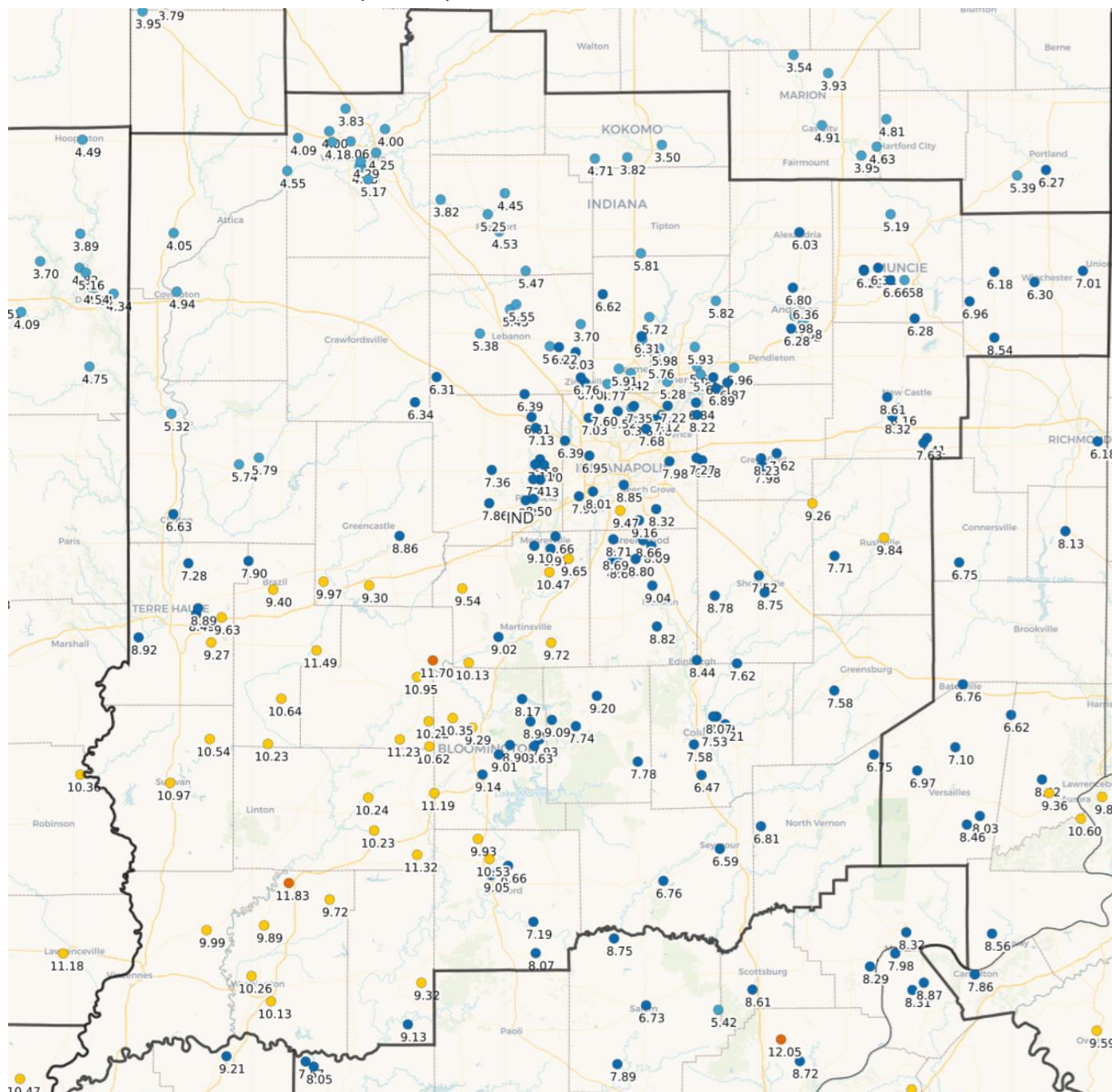
Indianapolis' average daily temperatures were above/below normal on 17/12 days, at normal on 1 day, and Within 8 degrees of normal on 18 days. Overall near to below normal readings during the 4<sup>th</sup>-17<sup>th</sup> were surrounded by generally mild/warm conditions on the 2<sup>nd</sup>-3<sup>rd</sup>, 18-24<sup>th</sup>, and 28-29<sup>th</sup>.

### Precipitation

Station	April 2025 Precipitation	April 2025 Dep from Nml	Wettest Day	Longest Dry Stretch
Indianapolis Int'l	8.02	+3.68	2.46R on 4 <sup>th</sup>	3 days: 10 <sup>th</sup> -12 <sup>nd</sup> , 14 <sup>th</sup> -16 <sup>th</sup> , 22 <sup>nd</sup> -24 <sup>th</sup> , 26 <sup>th</sup> -28 <sup>th</sup>
Lafayette	4.18	+0.34	1.25 on 4 <sup>th</sup>	6 days: 11 <sup>th</sup> -16 <sup>th</sup>
Muncie	5.15	+1.26	1.17 on 5 <sup>th</sup>	5 days: 10 <sup>th</sup> -14 <sup>th</sup>
Terre Haute	8.25	+3.54	2.84 on 4 <sup>th</sup>	4 days: 11 <sup>th</sup> -14 <sup>th</sup>
Bloomington	7.86	+2.92	1.99 on 5 <sup>th</sup>	3 days: 11 <sup>th</sup> -13 <sup>th</sup> , 26 <sup>th</sup> -28 <sup>th</sup>
Shelbyville	7.90	+3.36	2.06 on 4 <sup>th</sup>	3 days: 26 <sup>th</sup> -28 <sup>th</sup>
Eagle Creek AP	5.80	+1.72	1.79 on 4 <sup>th</sup>	3 days: 10 <sup>th</sup> -12 <sup>nd</sup> , 14 <sup>th</sup> -16 <sup>th</sup> , 22 <sup>nd</sup> -24 <sup>th</sup> , 26 <sup>th</sup> -28 <sup>th</sup>

Anomalous rainfall reaching 185% of normal at Indianapolis eliminated the nearly 4" deficit from 2025's dry start. The 2<sup>nd</sup>-5<sup>th</sup>'s widespread 3-8" rainfall ended drought conditions north/west of the Indianapolis Metro, while producing significant flooding over much of the region. Additional moderate to heavy rains fell over the 19<sup>th</sup>-21<sup>st</sup>. The 97-percentile total at Indianapolis was the wettest April since 2013's near-record total (8.59"), yet only marginally exceeded April 2024's sum (7.77").

As Reported by Central Indiana CoCoRaHS Observers



For the period 1200 AM EST 4/1/2025 -to- 700 AM 5/1/2025, data is unofficial\*\*

The typical north-south gradient was exaggerated by several days of heavy rainfall focused near/south of the I-70 corridor, and especially so over the region's southwestern quadrant where 9-12" was observed. Copious rains totaling ~6-9" were common elsewhere, except central Indiana's north-northwestern quarter which exhibited near-normal precipitation.





# Severe & Impactful Weather

April 2025 continued the spring's active pattern between severe thunderstorms on the **2<sup>nd</sup>**, **19<sup>th</sup>**, **29<sup>th</sup>**, and **30<sup>th</sup>** and, following early-month heavy rains, widespread significant river flooding between the **5<sup>th</sup>** and **17<sup>th</sup>**. The severe episodes each contained widespread (2<sup>nd</sup>) or numerous (19<sup>th</sup>, 29<sup>th</sup>, 30<sup>th</sup>) events. The April 2<sup>nd</sup> severe outbreak also included 23 tornadoes across Indiana, tying 3/31/2023 for Indiana's 5<sup>th</sup>-greatest tornado outbreak on record (since 1950).

The **April 2<sup>nd</sup>, 2025** severe weather outbreak was generated by a strong low pressure system whose strong to severe squall line formed over Illinois and moved across central Indiana through the evening hours. Multiple severe storms embedded in the line produced damaging winds and/or tornadoes, as well as flash flooding in several counties. Severe straight-line winds were observed by over a dozen weather stations, with highest recorded gusts ranging from **81 mph** at Danville, **80 mph** in south-central Marion County, **87 mph** in Lapel (Madison Co.), and **100 mph** from a personal weather station in Eaton (Delaware Co.). The most noteworthy damage from these non-tornadic winds were three semi trucks blown over in western Vigo County, a barn blown 80 yards in Hendricks County, numerous trees downed onto homes/cars and a semi truck blown over in Marion County, debris from considerable damage making many roads impassable in Madison County, and a semi truck overturned in Randolph County. **Flash flooding** in Marion County submerged several cars to windshield level while stranding numerous other cars in Marion County, washed out or closed roads for several days in Brown County, and caused over 30 water rescues in Lawrence County.

April 2<sup>nd</sup>'s 11 tornadoes that impacted the local region from 714 PM to 957 PM EDT occurred within an overall narrow swath from north of Terre Haute, across northwestern and northern portions of the Indianapolis Metro, and most notably just northwest of the Anderson and Muncie communities. Secondary tornadoes occurred parallel to the main circulations in Hendricks, Madison, and Delaware Counties. Three **EF2s** were spawned – over Hendricks-Marion County, Madison County and Madison-Delaware County. The Hendricks County circulation tracked through Brownsburg and caused the **episode's only injury** when blowing down a warehouse wall, and then continued into Marion County as an EF1, downing trees in Eagle Creek Park; this was the **first tornado to hit Indianapolis since June 2019**. A brief EF0 tornado also occurred in Lawrence County. Large hail was a tertiary impact as marginally-severe hailstones were only reported in southeastern Marion County.

Heavy rains through the month's first week, and most notably widespread 4-8" totals during the **2<sup>nd</sup>-5<sup>th</sup>** near and south of the I-70 corridor, produced moderate to major flooding along the entirety of the East Fork White River and several of its tributaries and also the lower White River. Several river sites recorded a top-4 all-time crest: 2<sup>nd</sup>-highest on the Big Blue at Shelbyville, 3<sup>rd</sup> - highest on the East Fork White near Columbus and near Seymour and White River at Petersburg, and 4<sup>th</sup>-highest on the East Fork White at Rivervale and White River at Spencer, Edwardsport and Hazleton.

Pre-dawn on the **19<sup>th</sup>**, a line of thunderstorms with widespread damaging winds impacted much of the I-70 corridor, including pockets of significant tree damage. An **84 mph** gust was measured at Indianapolis Int'l: the second strongest wind gust on record for the station. Downed trees

caused damage to structures and/or automobiles in Vigo, Clay, Putnam, and Delaware Counties. Wind gusts were measured as high as **63 mph** at Terre Haute and **59 mph** at Greencastle.

April 29<sup>th</sup>'s two rounds of strong to severe thunderstorms started with a few reports of large hail and damaging winds impacting predominately the central portion of the state: multiple structures were impacted in Rush County from a swath of **75-80 mph** winds. More storms during the early evening hours impacted mainly the southern portions of central Indiana with marginally severe hail, damaging winds, and flash flooding in spots where as much as 4 inches of rain fell.

The 30<sup>th</sup>'s late-day slow-moving, yet rotating cells produced large hail from Daviess County to Jackson County, including **1.50"** hail near Washington and **2.50"** hail in Loogootee (Martin Co.).

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

## May 2025 Outlook

The official outlook for May 2025 from the Climate Prediction Center indicates slightly greater chances of above normal temperatures across the Midwest. The normal May temperature at Indianapolis is **63.6** degrees.

The outlook also indicates a slightly greater chance of below normal precipitation for central Indiana. The normal Indianapolis May precipitation is **4.75"**.

***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)***