

SUMMER 2025 Review

of Weather Conditions Experienced in Central Indiana

20th Hottest on record at Indianapolis (Tied)

54th Driest on record at Indianapolis

SUMMER 2025 Temperature Data for Central Indiana Sites

Station	SUMMER 2025 Average Temperature	SUMMER Season Normal Temp	Difference From Normal
Indianapolis Int'l Airport	76.1	74.3	+1.8
Lafayette	74.5	72.2	+2.3
Muncie	74.5	74.4	+0.1
Terre Haute	76.5	73.9	+2.6
Bloomington	75.9	73.4	+2.5
Shelbyville	75.3	74.2	+1.1
Eagle Creek Airpark	75.8	74.3	+1.5

June and July both tallied more than double the normal number of 90°F+ afternoons and 70°F+ mornings at Indianapolis, with August trending closer to normal. The June-July period totaled an anomalous 47/8 days above/below normal, while August's more seasonable 14/17 tandem yielded 61/25 for the season.

SUMMER 2025 Temperature Extremes Across Central Indiana

Station	Highest Temperature	Lowest Temperature
Indianapolis Int'l Airport	95 on 7/29	43 on 6/1
Lafayette	93 on 6/25, 6/26, 7/24, 8/16	39 on 6/1
Muncie	93 on 6/23, 6/24, 6/25	42 on 6/1
Terre Haute	95 on 6/24, 6/25, 6/26	45 on 8/27
Bloomington	94 on 7/29	47 on 6/1, 8/27, 8/30
Shelbyville	96 on 6/23, 6/24	44 on 6/1
Eagle Creek Airpark	96 on 6/25	42 on 6/1

SUMMER 2025 Precipitation Data for Central Indiana Sites

Site	SUMMER 2025 Precipitation	SUMMER Season Normal Precip	Difference From Normal	Greatest Daily Precipitation
Indianapolis Int'l Airport	9.83	12.57	-2.74	1.64 on 7/31
Lafayette	14.67	11.76	+2.91	2.06 on 6/7
Muncie	10.51	12.29	-1.78	1.13 on 7/31
Terre Haute	11.18	11.97	-0.79	1.82 on 6/5
Bloomington	17.89	13.32	+4.57	2.91 on 6/29
Shelbyville	11.38	12.22	-0.84	1.14 on 7/17
Eagle Creek Airpark	11.31	12.59	-1.28	2.57 on 7/6

Summer 2025 Severe & Impactful Weather

JUNE 2025 continued May's overall less active pattern as severe or impactful weather occurred on only two days, although this did include widespread wind damage and two brief tornadoes from the 18th's severe squall line. Beforehand, several rounds of storms and heavy rainfall late on the 13th and into the morning of 14th produced areas of flashing flooding and areal flooding over portions of northern central Indiana. Total rainfall nearing 6 inches in southern Howard County produced flash flooding at multiple points along Wildcat Creek, with standing water up to 3 feet deep near residences along the south side of Kokomo. Total rainfall exceeding 4 inches in portions of northern Boone County flooded several roads, with water impacting both US-52 and I-65 north of Lebanon. Areal flooding occurred on County Roads in northern Madison County and on US-231 in southern Putnam County.

The 18th's long squall line that extended from the shore of Lake Michigan to nearly the Ohio River, slowly and steadily crossed the central Indiana region while producing damaging winds from the mid-afternoon to late-day. Widespread tree damage occurred across the region, impacting urban areas from Lafayette, Terre Haute and Vincennes, to Indianapolis and Muncie. Several trees fell onto cars and homes, with one injury in Martin County; power lines were downed across the region, including in Owen, Lawrence, and Bartholomew Counties. Trees were snapped in Fountain County with winds downing multiple large trees in Tippecanoe County. Severe wind gusts were recorded as high as **59 mph** at Lafayette, **65 mph** at W-TWO in Farmersburg (Sullivan Co.), **71 mph** at Indianapolis Int'l, **67 mph** in Mooresville (Morgan Co.), and **73 mph** at Muncie.

The 18th episode also included isolated large hail confined to northern Madison County, with as large as **1.50" hail** in Alexandria. Torrential downpours caused flooding in a few locations: both Vincennes and again on US-231 near the Putnam-Owen County line. Not to be outdone, two brief **EF0 tornadoes** were spawned in Tippecanoe County: the first causing minor tree damage northwest of the Glenhall community, and the second, just north of the West Lafayette area, also damaging trees while downing corn stalks in a convergent pattern.

JULY 2025 was seasonably active with several episodes of scattered strong to marginally severe thunderstorms, where the generally slower midsummer storm motion presented an overall greater flooding/flash flooding than damaging wind threat. The month's **1st** several hours saw flash flooding over a few southwestern counties, following June 29th-30th's multiple rounds of heavy rainfall; with vehicles stranded in Knox County and county roads closed in Daviess County. Subsequent quieter weather through the early month was followed by minor flooding in portions of Daviess County on the **13th**, then the **16th**'s marginally strong/severe cells downed a tree onto US-41 near Rockville (Parke Co.), with a landspout **EFU tornado** briefly touching down south of Seymour (Jackson Co.).

The more active third week continued with isolated flash flooding on the **17th**, in both southeastern Owen County and Daviess County yet again: with high water in Washington, both downtown and on a couple highways. The **18th** then brought minor flooding to Decker (Knox Co.). The late month saw multiple rounds of heavy rainfall over northeastern zones, with **flash flooding** on the **26th** in Muncie and east into Randolph County, with several reports of deep water flowing across roads in Muncie; minor wind damage from a marginally severe storm also occurred in Monrovia (Morgan Co.). The **27th** saw **flash flooding** return to Knox County with several roads inundated in Oaktown. Some wind damage occurred near Selma in Delaware County on the **30th**. Heavy rains caused urban flooding in parts of Indianapolis on the **31st**.

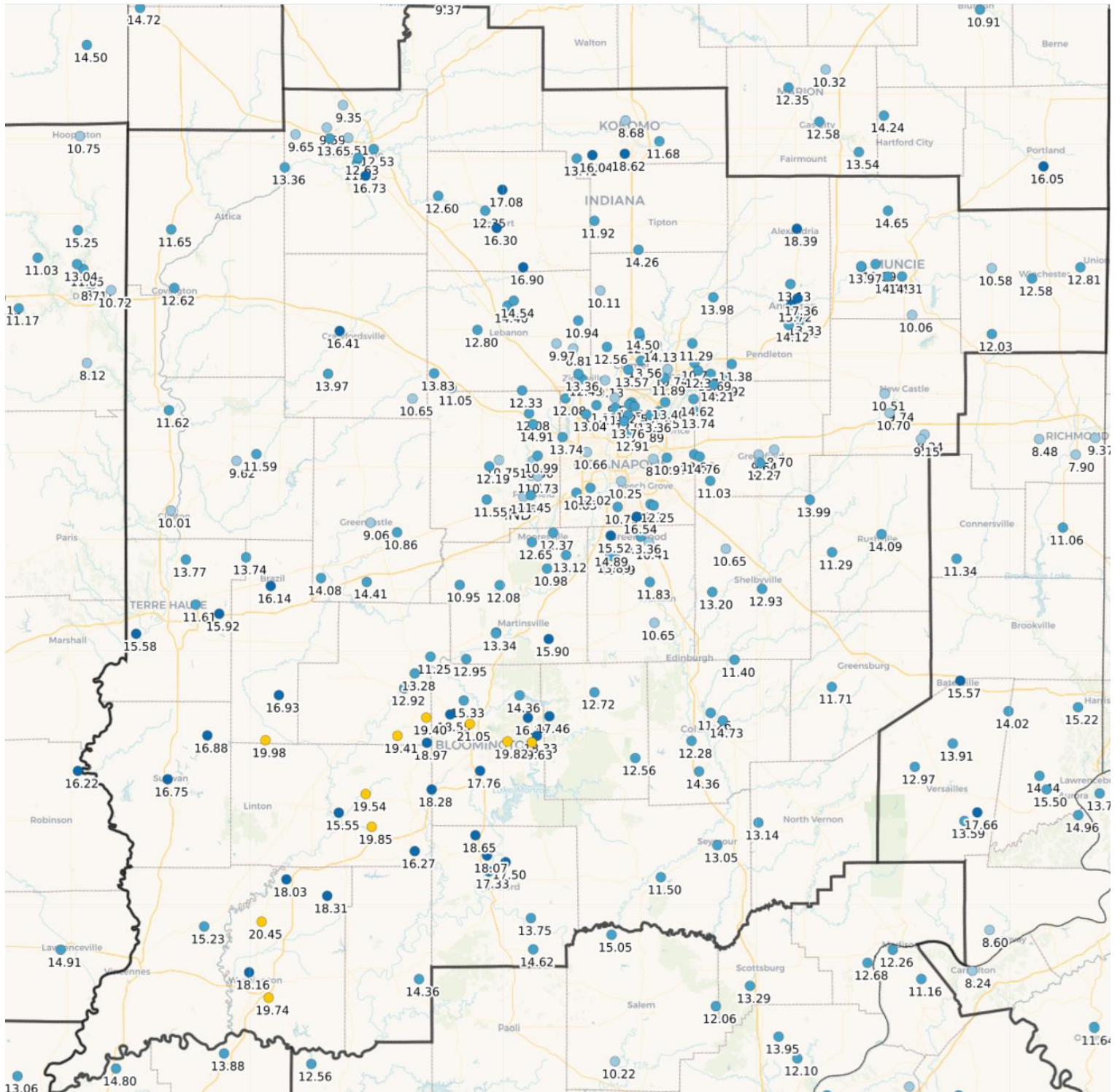
AUGUST 2025: Following July's more frequent, yet isolated severe episodes ... August 2025 trended back to the less frequent episodes of scattered flooding or marginally strong to severe storm events. August **4th**'s slow-moving late-day thunderstorms brought up to 3 to 5 inches of rainfall, producing flooding in west-central and southwestern counties; **flash flooding** was most severe in southeastern Vigo County near Blackhawk, before additional flash flooding occurred in Daviess County and Lawrence County during the evening.

Mid-August included several episodes, starting with the **12th**'s **downburst** in the Brooklyn community of Morgan County while a **58 mph** gust was recorded at Terre Haute; sub-severe storms produced heavy rain in Monroe County and Sullivan County, yet no flooding was reported. Multiple rounds of severe storms on August **16th** and into early on the **17th** was the month's greatest overall episode: afternoon cells brought isolated wind damage to Greenfield (Hancock Co.) and west-central Fountain County; before a more organized line of storms produced **severe winds from the northern Indianapolis Metro** down through Monroe and Lawrence Counties. Finally, on August **19th**, scattered afternoon storms produced isolated damage in Shelbyville where winds downed multiple trees.

For info on severe weather in other areas during the SUMMER season, visit the Storm Prediction Center "Severe Weather Event Summaries" website at spc.noaa.gov/climo/online

June – August 2025 Total Precipitation

As Reported By Central Indiana CoCoRaHS Observers



For the period 1200 AM EDT 6/1/2025 -to- 1159 PM EDT 8/31/2025, data is unofficial**

Ample to well above normal rainfall over the region's southwest quadrant (up to **22"**) was offset by near to slightly below normal values over eastern and northwestern counties, while overall near normal totals were reported around the Indianapolis Metro.

Indianapolis Summer 2025 Monthly Data

INDIANAPOLIS JUNE 2025 SUMMARY

	Average Temp	Precipitation	Highs $\geq 90^{\circ}$	Lows $\geq 70^{\circ}$
June 2025	75.1	4.22	8	11
Normal June	72.5	4.95	3	5
Diff from Normal	+2.6	-0.73	+5	+6

JUNE 2025 All-Time Ranks...

Temperature: 17th Hottest (Tied)

Precipitation: 64th Wettest

INDIANAPOLIS JULY 2025 SUMMARY

	Average Temp	Precipitation	Highs $\geq 90^{\circ}$	Lows $\geq 70^{\circ}$
July 2025	79.5	4.30	13	21
Normal July	75.8	4.42	7	10
Diff from Normal	+3.7	-0.12	+6	+11

JULY 2025 All-Time Ranks...

Temperature: 12th Hottest (Tied)

Precipitation: 59th Wettest

INDIANAPOLIS AUGUST 2025 SUMMARY

	Average Temp	Precipitation	Highs $\geq 90^{\circ}$	Lows $\geq 70^{\circ}$
August 2025	73.8	1.31	8	11
Normal August	74.7	3.20	6	7
Diff from Normal	-0.9	-1.89	+2	+4

AUGUST 2025 All-Time Ranks...

Temperature: 70th Coolest (Tied)

Precipitation: 16th Driest

INDIANAPOLIS SUMMER 2025 SUMMARY

	Average Temp	Precipitation	Highs $\geq 90^{\circ}$	Lows $\geq 70^{\circ}$
SUMMER 2025	76.1	9.83	29	43
Normal SUMMER	74.3	12.57	17	22
Diff from Normal	+1.8	-2.74	+12	+21

SUMMER 2025 All-Time Ranks...

Temperature: 21st Warmest (Tied)

Precipitation: 54th Driest

Fall 2025 Outlook for Central Indiana

The official outlook for the 2025 fall season (September–November) from the Climate Prediction Center, indicates slightly greater chances of above normal temperatures across the Midwest. The outlook also indicates equal chances of above, below, or near normal precipitation for Indiana and vicinity. At Indianapolis, the normal fall temperature is **55.5°F**. The normal fall precipitation is **9.81"**.

*All data prepared by the NWS Indianapolis Weather Forecast Office's Indiana State Climate Team
Questions should be referred to nws.indianapolis@noaa.gov*