

Central Indiana

July 2024 Preliminary Climate Summary

67th Coolest July on record at Indianapolis (Tied)

22nd Wettest July on record at Indianapolis

Temperatures

| Site | July 2024 Average Temp | July 2024 Dep from Nml | Highest Temperature | Lowest Temperature |
|----------------------------|------------------------|------------------------|------------------------|-----------------------|
| Indianapolis Int'l Airport | 75.4 | -0.4 | 92 on 15 th | 55 on 1 st |
| Lafayette | 73.0 | -0.6 | 90 on 15 th | 48 on 1 st |
| Muncie | 73.0 | -3.0 | 89 on 15 th | 52 on 2 nd |
| Terre Haute | 75.3 | 0.0 | 94 on 15 th | 51 on 1 st |
| Bloomington | 75.0 | +0.3 | 92 on 15 th | 54 on 1 st |
| Shelbyville | 75.7 | +0.2 | 93 on 15 th | 55 on 2 nd |
| Eagle Creek Airpark | 75.4 | -0.5 | 92 on 15 th | 55 on 1 st |

At Indianapolis, July 2024's daily average temperatures were above normal on 13 days, below normal on 13 days and at normal on 5 day.

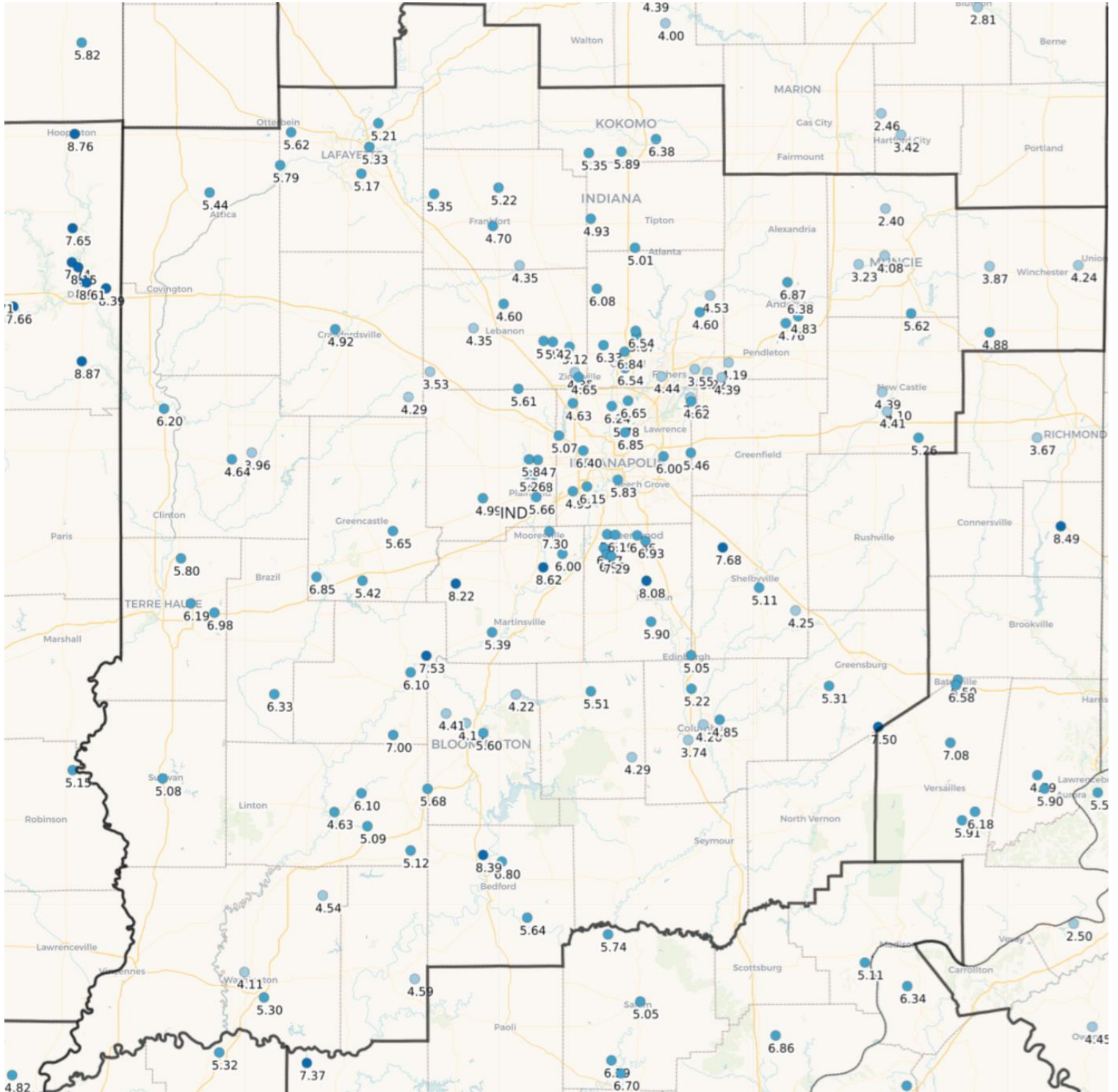
Precipitation

| Site | July 2024 Precipitation | July 2024 Dep from Nml | Wettest Day | Longest Dry Stretch |
|-------------------|-------------------------|------------------------|---|---|
| Indianapolis Intl | 6.46 | +2.04 | 2.55 on 28 th | 4 days, 18 th -21 st |
| Lafayette | 5.18 | +1.10 | 1.64 on 9 th | 7 days, 17 th -23 rd |
| Muncie | 2.82 | -1.28 | 0.61 on 11 th | 6 days, 18 th -23 rd |
| Terre Haute | 5.39 | +1.05 | 1.03 on 9 th | 3 days, 11 th -13 th , 18 th -20 th |
| Bloomington | 4.12 | -0.77 | 0.83 on 4 th , 9 th | 6 days, 18 th -23 rd |
| Shelbyville | 6.01 | +2.14 | 2.71 on 4 th | 8 days, 15 th -22 nd |
| Eagle Creek Arpk | 4.89 | +0.60 | 1.53 on 9 th | 4 days, 18 th -21 st |

Following a dry June, mainly near to above normal precipitation returned to the region in July, continuing the trend exhibited through most of the spring. It was the third of the last four Julys to exceed 6.00" at Indianapolis.

July 2024 Total Precipitation

As Reported by Central Indiana CoCoRaHS Observers



For the period 1200 AM EDT 7/1/2024 -to- 700 AM EDT 8/1/2024, data is unofficial**

Scattered to numerous heavy downpours on the 4th, 9th, 11th, 15th, and 28-29th promoted near to above normal monthly totals of **4.00-6.50"** for most locations, while isolated below normal precipitation was most prominent near Muncie.

Severe Weather

Continuing the active pattern from the latter half of June, severe thunderstorms impacted central Indiana on five days in July, albeit focused in the month's final week. Post-Tropical Cyclone Beryl crossed western portions of Indiana on the evening of the 9th, bringing several tornadoes to far southwestern portions of the state, yet the local region saw only a brief **EF0 tornado** in west-central Martin County. July 15th included both late day rotating supercells that dropped **1.00-inch hail** on three southeastern counties, and then the decaying portion of an intense derecho, with a **75 mph gust** recorded at Lafayette, wind damage across several northern counties, and a semi truck blown over in Tipton County.

A lull in damaging storms ended on July 24th when a rogue cell produced severe winds in Madison County, before training downpours on the 28th produced isolated flash flooding along the Owen-Morgan County line. A more organized episode on the 29th brought severe winds to 5 counties, with most intense reports over northeastern zones: a very large air-conditioner unit was lifted off its foundation in Delaware County, before an **EF2 tornado** tracked 3 miles while crossing from Hamilton County to Madison County. More storms on the morning of the 30th focused damaging winds on Knox County.

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

August 2024 Outlook

The official outlook for August 2024 from the Climate Prediction Center indicates slightly greater chances of above normal temperatures, especially south of Interstate 70. The normal August temperature at Indianapolis is **74.7** degrees.

The outlook also indicates equal chances of above, below, or near normal precipitation for the region. The normal August precipitation at Indianapolis is **3.20"**.

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

Questions should be referred to nws.indianapolis@noaa.gov