

Central Indiana

December 2024 Preliminary Climate Summary

31st Mildest December on record at Indianapolis (Tied)

23rd WETTEST DECEMBER on record at Indianapolis

26th Least Snowiest December on record at Indianapolis (Tied)

Temperatures

Site	December 2024 Avg Temp	December 2024 Dep from Nml	Highest Temperature	Lowest Temperature
Indianapolis Int'l Airport	36.1	+2.8	60 on 28 th	12 on 5 th , 6 th
Lafayette	33.7	+2.7	58 on 16 th	9 on 2 nd , 12 th
Muncie	35.6	+1.8	59 on 16 th	10 on 12 th
Terre Haute	37.1	+3.6	61 on 28 th	6 on 12 th
Bloomington	37.5	+3.1	60 on 16 th , 28 th	6 on 11 th
Shelbyville*	M	M	61 on 8 th , 16 th	15 on 30 th
Eagle Creek Airpark	37.8	+4.3	61 on 16 th , 28 th	16 on 30 th

Indianapolis' average daily temperatures were above/below normal on 19/12 days, while within 10 degrees of normal on only 14 days. Unseasonably cold conditions prevailed through 5 early-month days, and unseasonably mild weather dominated the year's final week. This was the third coolest of the last seven Decembers.

*Shelbyville's temperature data was incomplete on the 27th-29th

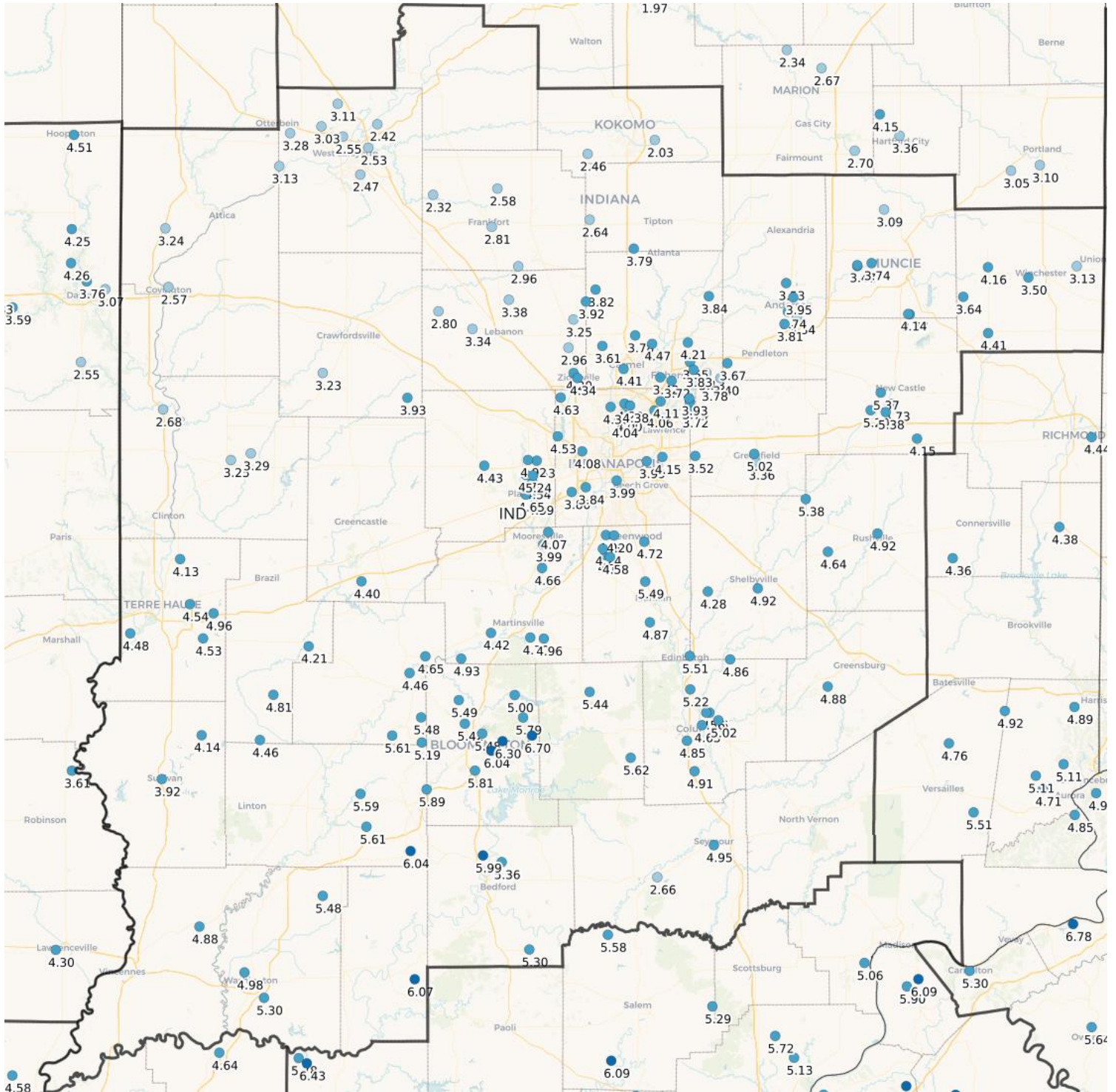
Precipitation

Site	Dec 2024 Precipitation	Dec 2024 Dep from Nml	Wettest Day	Longest Dry Stretch
Indianapolis Intl	4.73	+1.81	1.24 on 29 th	2 days: 6 th -7 th
Lafayette	3.89	+1.60	2.06 on 29 th	3 days: 5 th -7 th
Muncie	3.48	+0.91	0.93 on 29 th	3 days: 1 st -3 rd
Terre Haute	3.63	+1.14	1.16 on 29 th	2 days: 6 th -7 th , 21 st -22 nd
Bloomington	4.37	+1.08	1.43 on 29 th	3 days: 5 th -7 th
Shelbyville	3.87	+0.90	1.18 on 29 th	3 days: 5 th -7 th
Eagle Creek Arpk	4.45	+1.78	1.43 on 29 th	2 days: 6 th -7 th , 21 st -22 nd

The late-fall's reversal to a wetter pattern continued, with occasional moderate precipitation events through the early and mid-month amid often damp conditions. Two overperforming rainfall episodes during the 27th-31st accounted for nearly half of December's precipitation at most sites..

December 2024 Total Precipitation, From 12/1/2024 Into 1/1/2025

As Reported by Central Indiana CoCoRaHS Observers



For the period 1200 AM EST 12/1/2024 -to- 700 AM EST 1/1/2025, data is unofficial**

Overall plentiful precipitation was in the 4.00-5.00" range for most locations. Well above normal totals of 5.00-6.50" were common across much of the region's southernmost quarter, while lesser amounts of 3.40-4.20" occurred in areas along the Upper and Middle Wabash Valley, east of the Indianapolis Metro, and near/around the Muncie area.

Severe Weather

Severe Drought (D2) that had been established across much of north-central central Indiana since Halloween, expanded during early December between Kokomo and Tipton. Despite several events bringing overall ample precipitation to this northern tier, D2 remained unchanged through the mid- and late month.

While the antithesis of severe, a very thin coating of snow on the 2nd caused locally significant impacts to late day traffic. Then on evening of the 4th, a more significant weather system whose strong cold front was followed by a quick snow shower amid wind gusts that reached **59 mph** at Lafayette, **64 mph** at Eagle Creek Airpark, and **62 mph** at Indianapolis.

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

January 2025 Outlook

The official outlook for January 2025 from the Climate Prediction Center indicates equal chances of above, below, or near normal temperatures across central Indiana. The normal January temperature at Indianapolis is **28.5** degrees.

The outlook also indicates greater chances of above normal precipitation for the region. The normal Indianapolis January precipitation and snowfall are **3.12"** and **8.8"**, respectively.

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