

Central Indiana

January 2025 Preliminary Climate Summary

36th Coldest January on record at Indianapolis (Tied)

20th Driest January on record at Indianapolis (Tied)

22nd Snowiest January on record at Indianapolis

Temperatures

Station	January 2025 Avg Temp	January 2025 Dep from Nml	Highest Temperature	Lowest Temperature
Indianapolis Int'l Airport	23.7	-4.8	50 on 31 st	-3 on 21 st
Lafayette	22.1	-3.7	48 on 29 th	-8 on 15 th
Muncie	23.9	-4.7	52 on 31 st	-2 on 21 st , 22 nd
Terre Haute	24.2	-4.5	52 on 31 st	-6 on 15 th
Bloomington*	M	M	M on 31 st	-3 on 21 st , 22 nd
Shelbyville	24.4	-5.3	54 on 31 st	-5 on 15 th
Eagle Creek Airpark	25.5	-3.3	51 on 31 st	0 on 21 st , 22 nd

Indianapolis' average daily temperatures were above/below normal on 11/20 days, while above/below normal by +/- 8° on 5/13 days, with anomalously cold days (the 15th, 20th-22nd) that were 17-25° below normal.

This was the coldest month at Indianapolis since February 2015 and the coldest January since 2014.

*Bloomington's temperature data was incomplete on the 9th-16th, 27th-31st

Precipitation

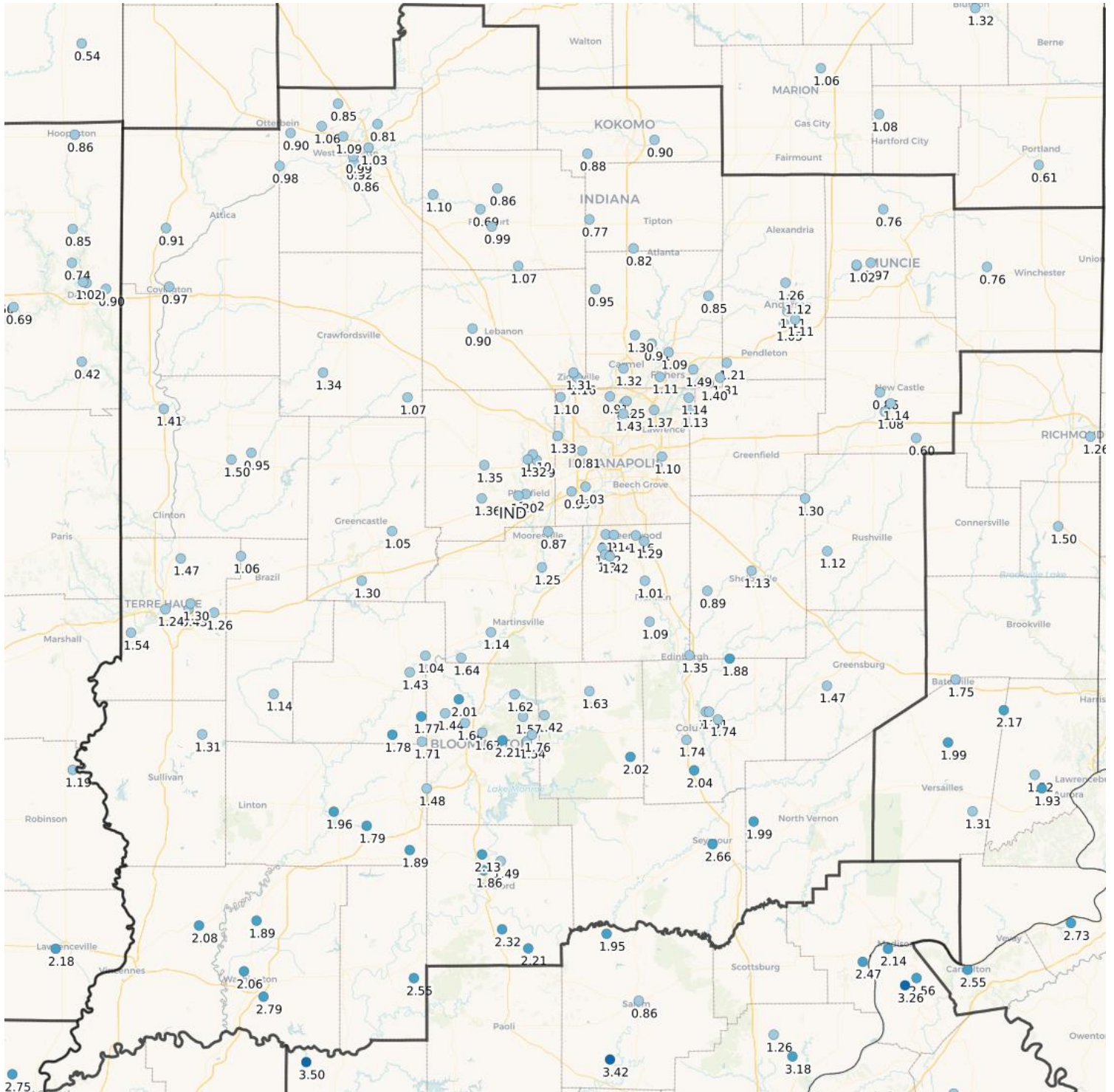
Station	January 2025 Precipitation	January 2025 Dep from Nml	Wettest Day	Longest Dry Stretch
Indianapolis Intl	1.17	-1.95	0.49 on 5 th	6 days: 24 th -29 th
Lafayette*	0.62INC	M	0.32 on 31 st	6 days: 24 th -29 th
Muncie*	0.46INC	M	0.23 on 18 th	3 days: 24 th -26 th
Terre Haute	0.73	-1.87	0.25 on 18 th	5 days: 25 th -29 th
Bloomington*	0.42INC	M	M	7 days: 11 th -17 th
Shelbyville	0.74	-2.31	0.24 on 18 th	6 days: 24 th -29 th
Eagle Creek Arpk*	0.34INC	M	M on 5 th	6 days: 24 th -29 th

The cold pattern also brought overall very dry conditions, reversing the much-needed wetter trend observed through 2024's final two months. The 5-6th storm accounted for roughly half of the month's precipitation for central/southern zones.

*Precipitation data was incomplete...on the 10th at Lafayette and Muncie; at Eagle Creek Airpark on the 5-6th, 10th; and at Bloomington on the 9th-12th, 16th, 30th-31st

January 2025 Total Precipitation, From Early 1/1 through 1/31/2025

As Reported by Central Indiana CoCoRaHS Observers

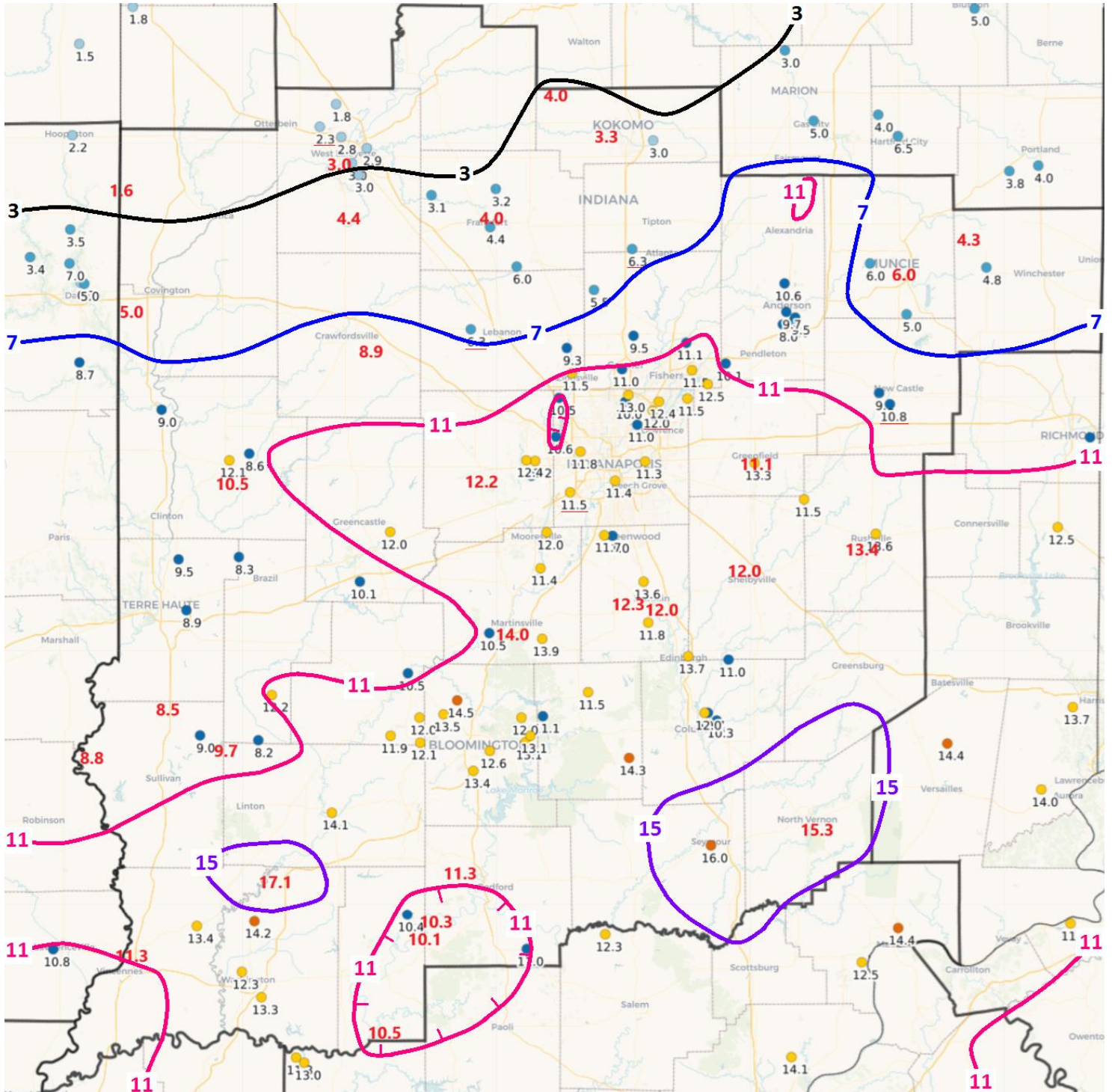


For the period 700 AM EST 1/1/2025 to- 1159PM 1/31/2025, data is unofficial**

Mainly well below precipitation ranged from 0.75-1.20" across the region's northern third to generally 1.50-2.50" along and south of a Sullivan to Greensburg line. The January 5-6th winter storm guided the region's overall precipitation gradient, while light to moderate rains on both the 18th and 30th also contributed to higher totals along far southern counties.

January 5-11th Total 6.1-Day Snowfall, From Pre-Dawn 1/5 to Daybreak 1/11/2025

As Reported by Central Indiana CoCoRaHS & COOP Observers



For the period 430 AM EST 1/5/2025 -to- 700 AM EST 1/11/2025, data is unofficial**

One-week snowfall from two events, ranged from 2-4" across the Upper Wabash Valley to 15-17" over portions of several southeastern counties. A band of 10-13" hooked from Rockville through the Indianapolis Metro to north of Anderson, while south of I-70, 10-15" was widespread, with slightly lesser amounts where more wintry mix fell in the January 5-6th storm.

Severe & Impactful Weather

A major winter storm slowly crossed the Midwest and Ohio Valley on **January 5th** and into the first half of the 6th, bringing a broad swath of heavy snow across the region's central counties and down through southern Indiana, as well as significant sleet/mixed precipitation over several southern counties, and freezing rain/ice accumulation along the Ohio Valley. Snowfall distribution ranged from a dusting over most of the immediate Lafayette area to reports of 12-13" in both Daviess County and in and to the northeast of Seymour (Jackson Co.); a strong snowfall gradient also set-up along the northern side, with Boone County and Hamilton County both exhibiting a range in snowfall of 2-8" over only a ~12-mile distance. Indianapolis' snowfall (7.8") was the city's **greatest 2-day total in almost 4 years**, the 4th-greatest snowstorm in exactly 11 years, and the greatest 2-day *January* snowfall since 2014. The Indianapolis State Police responded to a total of 234 vehicle accidents and slide offs, including 53 non-serious injuries; there were also several full closures of interstates during the night of the 5th.

January 10th brought a light to mainly moderate snowfall across central Indiana, with reports around 3" common over many western and northern counties, while a maximum band of 4-5" extended from the Vincennes and Bloomington areas to Shelby County and Rush County. Indianapolis observed 3.7"; this brought the city's 6-day snowfall total to 11.5", the greatest since 2014. **Snow depth** reports on the morning of the 11th were mainly 8-10" along the I-70 corridor and south, with isolated 12-13" observations in Monroe and Jennings Counties, while Indianapolis reported 8". Indianapolis also recorded a 4"+ snow depth over 13 consecutive days (5-17th), tying the 12th-longest such streak since 1893 (a once-in-11 years occurrence).

Scattered **Extreme Cold conditions** occurred at times over January 20-22nd, when temperatures across the region ranged between mainly -10 and 15 degrees, while winds gusted as high as 20-30 mph. Resultant wind chill values dropped as low as -10 to -25 degrees each day.

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

February 2025 Outlook

The official outlook for February 2025 from the Climate Prediction Center indicates equal chances of above, below, or near normal temperatures across central Indiana. The normal February temperature at Indianapolis is **32.5** degrees.

The outlook also indicates an axis of likely above normal precipitation chances for the region. The normal Indianapolis February precipitation and snowfall are **2.43"** and **6.0"**, respectively.

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

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