

Central Indiana

December 2023 Preliminary Climate Summary

7th Mildest December on record at Indianapolis

20th Driest December on record at Indianapolis

5th Least Snowiest December on record at Indianapolis (Tied)

Temperatures

| Site | December 2023 Avg Temp | December 2023 Dep from Nml | Highest Temperature | Lowest Temperature |
|----------------------------|------------------------|----------------------------|--|------------------------------|
| Indianapolis Int'l Airport | 40.8 | +7.5 | 65 on 9 th | 16 on 19 th |
| Lafayette | 39.5 | +8.5 | 60 on 9 th , 24 th | 14 on 19th |
| Muncie | 41.9 | +8.1 | 65 on 9 th | 21 on 19 th |
| Terre Haute | 41.0 | +7.5 | 65 on 24 th | 15 on 19 th |
| Bloomington | 40.9 | +6.5 | 65 on 9 th | 12 on 19th |
| Shelbyville | 42.5 | +8.1 | 65 on 9 th | 18 on 19 th |
| Eagle Creek Airpark | 41.3 | +7.8 | 65 on 9 th | 19 on 19 th |

Indianapolis' daily average daily temperatures were **above normal on 26 days**, below normal on 3 days and at normal on 2 days. It was only the third December so warm since 1931.

Precipitation

| Site | December 2023 Precipitation | December 2023 Dep from Nml | Wettest Day | Longest Dry Stretch |
|-------------------|-----------------------------|----------------------------|--------------------------------|--|
| Indianapolis Intl | 1.26 | -1.66 | 0.30 on 1 st | 5 days, 11 th -15 th |
| Lafayette | 2.48 | +0.19 | 0.60 on 1 st | 5 days, 11 th -15 th |
| Muncie | 1.28 | -1.29 | 0.23 on 9 th | 5 days, 11 th -15 th |
| Terre Haute | 1.97 | -0.52 | 0.74 on 16th | 6 days, 10 th -15 th |
| Bloomington | 1.78 | -1.51 | 0.62 on 25 th | 6 days, 10 th -15 th |
| Shelbyville | 1.28 | -1.69 | 0.30 on 25 th | 6 days, 10 th -15 th |
| Eagle Creek Arpk | 1.58 | -1.09 | 0.36 on 1 st | 5 days, 11 th -15 th |

Indianapolis continued the very dry trend since exhibited since August 2023, with a mere 9.23" observed over this 5-month period. It was only the third December since 1941 with 0.1" or less snowfall.

Severe Weather

No severe weather occurred within central Indiana, for the first such occurrence since December 2020.

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

Miscellaneous – Winds, Fog, Thunder & More

No wind gusts over 45 mph were recorded at any of the seven 1st-order airports in December - the first time for the month since 2016. The 18th was the overall breeziest day with gusts as high as 45 mph at Shelbyville while 43 mph was recorded at both Indianapolis and Terre Haute.

Fog was at times consistent, with frequency ranging from 14 days at Terre Haute and Muncie to 20 days at Lafayette, while Indianapolis observed fog on 15 days. Dense fog was prevalent for some locations, occurring on 4 days at Lafayette and Eagle Creek Airpark, and on 3 days at Indianapolis.

Thunder was limited to the 9th and only across Marion County and to points north and east.

January 2024 Outlook

The official outlook for January 2024 from the Climate Prediction Center indicates slightly greater chances of above normal temperatures across most of the region ... with equal chances of above, below or near normal temperatures south and west of Terre Haute, Bloomington and Seymour. The normal January temperature at Indianapolis is **28.5** degrees.

The outlook also indicates equal chances of above, below and near normal precipitation for the region. The normal January precipitation at Indianapolis is **3.12"** with **8.8"** of snowfall.

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