

# Central Indiana

## November 2018

### Climate Summary

*15<sup>th</sup> Coldest on record at Indianapolis*

*52<sup>nd</sup> Wettest on record at Indianapolis*

## Temperatures

The cool weather experienced throughout the second half of October continued right on into November, producing one of the colder Novembers on record in recent memory and highlighting that there would not really be a true Fall across the area this year. In fact, other than November 2014, this was the coldest November on record in Indianapolis over the last two decades.

A raw and wet start to the month gave way to a brief milder period with highs in the 50s to around 60 from the 3<sup>rd</sup> through the 6<sup>th</sup>. As the second week of November began however, temperatures tumbled, with daily highs in the 30s and 40s common over the following two weeks lasting through Thanksgiving Day. Low temperatures were frequently in the 20s with even a few nights in the teens throughout this period. Temperatures turned mild once again right after Thanksgiving, albeit briefly, with highs warming into the 50s. The passage of a strong cold front early on the morning of the 26<sup>th</sup> however, sent temperatures falling for the last few days of the month with the peak of the cold coming on the 27<sup>th</sup> as highs remained in the 20s all day with scattered snow showers. The coldest morning of the month came on the 28<sup>th</sup> for most as lows were in the lower to middle teens.

Indianapolis only made it to 60° on one day during the month, the first time there had been so few 60°+ days in November since 1976. 10 days during the month had highs at or below 40°, the 2<sup>nd</sup> most in November since 1997, behind just November 2014. Maybe even more remarkable, there have only been seven days in November since 1970 with

highs at or below 25°. One of those days came on the 27<sup>th</sup> when the high reached just 25° in Indianapolis.

Site	November 2018 Avg Temp	November 2018 Difference from Normal	Highest Temperature	Lowest Temperature
Indianapolis	37.8	-5.8	60 on 4	15 on 28
Lafayette	35.5	-7.3	57 on 4	13 on 14
Muncie	38.0	-4.6	60 on 4	18 on 14
Terre Haute	38.3	-5.0	62 on 25	17 on 14 and 28
Bloomington	38.4	-5.4	63 on 25	17 on 28
Shelbyville	38.7	-5.0	61 on 4	18 on 28
Indy – Eagle Crk.	38.2	-5.8	60 on 4	17 on 28

At Indianapolis, there were 7 days with above normal average temperatures and 23 days with below normal average temperatures.

November 2018 was the 15<sup>th</sup> coldest in the Indianapolis area since 1871.

## Precipitation

Monthly melted precipitation ranged from just over 2 inches in portions of west central Indiana to over 8 inches near the Ohio River in south central Indiana. Monthly totals were below normal to near normal west of the I-69 corridor in central and southern Indiana to above normal in northern Indiana and along and east of the I-69 corridor in central and southern Indiana. Most areas of the state received between 3 and 6 inches of melted precipitation during the month.

Widespread minor flooding occurred in central and southern Indiana following 2 to 4 inches of rainfall at the beginning of the month. A relatively dry period after the 6<sup>th</sup> allowed streams to return to more normal levels by the 22<sup>nd</sup>. Rains of 1 to over 2 inches fell in most of northern Indiana from late on the 23<sup>rd</sup> through the 26<sup>th</sup>. This caused minor flooding to return to portions of the Wabash River in western Indiana near the end of the month.

As November ended, rain began to return to central and southern Indiana. Rises on streams and rivers began during the very last hours of November. Snow cover of a trace to 4 inches remained in northern Indiana.

Site	November 2018 Precipitation	November 2018 Difference from Normal	Wettest Day	Longest Dry Stretch
Indianapolis	3.54	<b>-0.16</b>	2.00 on 1	3 days 16-18
Lafayette	3.15	<b>+0.18</b>	1.64 on 1	2 days 7-8, 13-14, 21-22 and 29-30
Muncie	3.69	<b>+0.24</b>	1.86 on 1	2 days 7-8, 11-12 and 21-22
Terre Haute	2.84	<b>-1.00</b>	1.67 on 1	3 days 20-22
Bloomington (*)	3.56	<b>-0.38</b>	2.21 on 1	3 days 20-22
Shelbyville	4.39	<b>+0.66</b>	2.41 on 1	3 days 16-18
Indy – Eagle Crk.	3.45	<b>-0.25</b>	1.69 on 1	3 days 16-18

(\*) - Precipitation missing at Bloomington on November 5.

November 2018 was the 52<sup>nd</sup> wettest in the Indianapolis area since weather records began in 1871.

## Snowfall and Ice

Monthly snow and ice accumulation ranged from around an inch in portions of southern and central Indiana to over 13 inches in the lake affect areas of northern Indiana. Monthly frozen precipitation totals were normal to above below normal. Ice accumulations of 2 to 3 tenths of an inch from the evening of the 14<sup>th</sup> through the morning of the 15<sup>th</sup> were highly unusual for November in central and southern Indiana and necessitated the issuance of a rare Ice Storm Warning.

In the wake of a storm system passing through the area on the 25<sup>th</sup> and 26<sup>th</sup>, scattered snow showers produced minor accumulations across much of the state on the 26<sup>th</sup> and 27<sup>th</sup>. A mixture of light freezing rain, freezing drizzle and sleet impacted the morning commute on the 29<sup>th</sup> before precipitation changed over to light rain later that morning as temperatures warmed above freezing.

## Severe Weather

There was no severe weather across central Indiana in November.

For information on severe weather in other areas during November, visit the Storm Prediction Center "Severe Weather Event Summaries" website at <http://www.spc.noaa.gov/climo/online/>.

## Miscellaneous

The maximum wind gust at Indianapolis International Airport was 43 mph out of the northeast on the 1<sup>st</sup>. Fog or haze was reported at Indianapolis on 20 days during the month, with dense fog occurring on the 30<sup>th</sup>. Ice pellets were reported at the airport on the 14<sup>th</sup> and 15<sup>th</sup>, with freezing rain and drizzle occurring on the 14<sup>th</sup>, 15<sup>th</sup> and the 29<sup>th</sup>.

## December 2018 Outlook

The official outlook for December 2018 from the Climate Prediction Center indicates greater chances for near to above normal temperatures. At Indianapolis, the average temperature is 31.6°. The outlook also calls for greater chances of near to slightly above normal precipitation. The average precipitation for December at Indianapolis is 3.17", with 6.9" of snowfall.

*Data prepared by the Indianapolis Forecast Office.*