

Central Indiana

June 2018

Climate Summary

Tied for 14th Warmest on record at Indianapolis

68th Wettest on record at Indianapolis

Temperatures

The hot finish to May rolled right on into the first several days of June, as high temperatures consistently warmed into the upper 80s most days during the first week of the month. 90s returned to much of central Indiana beginning on the 7th and continuing through the 9th. The arrival of low pressure brought a much needed threat of widespread rain and a cool down on the 10th, as many locations got no warmer than the mid 70s. Continued wet and unsettled weather maintained cooler temperatures across the area through the 12th.

Beginning with the 13th, the heat returned to the Ohio Valley with highs in the upper 80s and lower 90s consistently through the 20th. The hottest temperatures of the month occurred during this stretch as several areas rose into the mid 90s on the 17th and 18th. Temperatures once again cooled down closer to normal as an increasingly unsettled pattern developed with greater coverage of rain and storms through the 26th. Highs were typically no warmer than the mid 80s through this timeframe. The arrival of a strong upper ridge at the end of the month brought a return to more widespread 90°+ temperatures.

The 9 days of 90°+ highs at Indianapolis were the most June days at or above 90 since 2012 when 12 days made it to 90°. The 9 nights through the month that saw lows remain at or above 70° in Indy marked the most June nights in the 70s since 1999 (11). Maybe even more impressive, this ties with June 1952 and 1994 for the second most number of June nights at or above 70° since 1943.

Site	June 2018 Avg Temp	June 2018 Difference from Normal	Highest Temperature	Lowest Temperature
Indianapolis	75.5	+3.5	93 on 16 and 17	55 on 14
Lafayette (*)	73.8	+2.3	92 on 17	52 on 6
Muncie	75.9	+4.5	96 on 17 and 18	52 on 6
Terre Haute	75.7	+3.3	94 on 17	53 on 4
Bloomington	74.9	+3.5	92 on 16 and 17	53 on 4
Shelbyville	75.7	+4.2	94 on 17	55 on 6
Indy – Eagle Crk.	75.9	+3.6	94 on 17	55 on 14

At Indianapolis, there were 21 days with above normal average temperatures, 8 days with below normal average temperatures and 1 day with normal average temperatures.

June 2018 was tied for the 14th warmest in the Indianapolis area since 1871.

(*) – Lafayette temperature data missing 6/1 through 6/4.

Precipitation

Monthly rainfall totals ranged from less than 2 inches in a isolated area of northcentral Indiana to more than 16 inches in a small area of southwest Indiana. Rainfall was normal to much above normal in central and southern Indiana where amounts from 3.5 inches to more than 10 inches fell. Rainfall in northern Indiana was below normal to above normal with totals ranging from near 2 inches to more than 6 inches.

Rain during June fell primarily in two periods as the result of stalled frontal boundaries over the state. The first rainy period was from the 7th through the 13th. Rains from 0.50 inches in northern Indiana to more than 11 inches in southwest Indiana fell during this time. The heaviest rain occurred in southwest Indiana where 8 to nearly 11 inches fell on the 11th in southwest Knox and northwest Gibson Counties.

The second period of unsettled weather began on 19th and continued through the 26th. Rains totaled from one-half inch in northern Indiana to over 7 inches in portions of central and northeast Indiana. The biggest rains during this period fell in northern and central Indiana on the 19th and the 21st through the 22nd and in central and southern Indiana on the 26th. Rainfall totaled 1 to more than 3 inches during these periods.

Lowland river flooding followed each prolonged period of rain. High water occurred along the Wabash River in western and southern Indiana and along the White and East Fork White River in southern Indiana both times. A week of dry weather between the rain episodes allowed river flooding to end before high water returned. All river flooding ended by the beginning of July.

At the close of June ended, rivers and streams were receding in central and southern Indiana. Wet fields across the state dried as hot, humid weather prevailed. As July began, only small portions of northwest Indiana remained abnormally dry.

Site	June 2018 Precipitation	June 2018 Difference from Normal	Wettest Day	Longest Dry Stretch
Indianapolis	3.99	-0.26	1.83 on 10	3 days 16-18 and 28-30
Lafayette (*)	5.25	+1.15	1.82 on 10	5 days 14-18
Muncie	4.20	-0.46	1.52 on 21	5 days 14-18
Terre Haute	5.13	+0.69	1.32 on 10	5 days 4-8
Bloomington	5.34	+0.45	1.48 on 11	7 days 2-8
Shelbyville	6.12	+1.72	2.10 on 21	5 days 14-18
Indy – Eagle Crk.	6.16	+1.77	1.65 on 21	5 days 14-18

June 2018 was the 68th wettest in the Indianapolis area since weather records began in 1871.
 (*) – Lafayette precipitation data missing from 6/1 through 6/4.

Severe Weather

Scattered strong to severe thunderstorms periodically impacted central Indiana throughout the month of June. The biggest event of the month came on the afternoon and evening of the 10th as a complex of storms produced wind damage across the western half of central Indiana. Most of the damage was confined to trees being knocked down.

For information on severe weather in other areas during June, 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 52 mph out of the northwest on the afternoon of the 10th as thunderstorms impacted the area. Fog or haze was reported at Indianapolis on 16 days during the month. Thunder was reported on 11 days during the month.

July 2018 Outlook

The official outlook for July 2018 from the Climate Prediction Center indicates a much greater chance for above normal temperatures for central Indiana. At Indianapolis, the average temperature for the month is 75.4 degrees. The outlook also calls for equal chances for above normal, normal, or below normal precipitation across central Indiana. The average precipitation for July at Indianapolis is 4.55”.

Data prepared by the Indianapolis Forecast Office.