

# 2017: A Year in Review

2017 ended up as one of the warmest years on record. In Indianapolis, 2017 was tied for the 7<sup>th</sup> warmest over the period of record extending back to 1872, the first full year records were kept for Indianapolis.

The winter of 2016-2017 was the third straight warmer than normal winter with only short periods of colder temperatures through January and February. Snow was limited through the winter with the warmer temperatures coming with greater frequency, with many areas receiving only well below average on snowfall for the winter season.

Warmer weather continued into the spring, with a wetter and stormier pattern developing from mid-April into the summer. Many locations received nearly half of their annual average precipitation in the period from late April through July. The pattern would flip from late July into the fall as much drier conditions developed across central Indiana.

Temperatures would remain warm through September and October, with the longest stretch of 90°+ temperatures experienced in late September. Colder and wetter weather finally arrived by late October into November, with many areas seeing their first trace of snowfall. A more persistent blast of colder air would hold off until December, highlighted by the coldest end to a year since late December 1983. 2017 wrapped up with one of the coldest New Year's Eves on record. Indianapolis reached a high of only 11°, matching the record coldest high from the final day of the year in 1976.

The following information will represent a very comprehensive look back on the year that was. The information is arranged in this order:

***[Annual and Seasonal Conditions](#)***  
***[Miscellaneous Weather Stats](#)***  
***[Records Tied or Broken](#)***  
***[Links to Top Weather Stories of 2016](#)***

## **Annual and Seasonal Climate Stats for Indianapolis**

**For the whole year**

	Average Temperature	Total Precipitation	Total Snowfall	Highs of 80/90 or hotter	Lows of 0 or colder
2017	55.6	47.45	8.7	107/14	3
NORMAL	53.2	42.44	25.9	99/18	5
2017 Difference from Normal	+2.4	+5.01	-17.2	+8/-4	-2
All-Time Rank	Tied for 7 <sup>th</sup> Warmest	25 <sup>th</sup> Wettest	22 <sup>nd</sup> Least Snowiest		

**\*\*\*Note, for purposes of the above table, snowfall is referring to the calendar year period, from Jan 1 to Dec 31.**

**Actual Numbers and Difference from Normal**

**2016-17 WINTER SEASON SUMMARY**

	Average Temperature	Total Precipitation	Total Snowfall	Highs Below Freezing	Lows Below Zero
Winter 2016-2017	36.0	6.97	8.7	14	2
Normal Winter	30.5	8.15	22.0	27	6
2016-2017 Difference from Normal	+5.5	-1.18	-13.3	-13	-4

**Winter Ranks:**

**Tied for 9<sup>th</sup> Warmest**

**49<sup>th</sup> Driest**

**40<sup>th</sup> Least Snowiest**

**2017 SPRING SEASON SUMMARY**

	Average Temperature	Total Precipitation	Total Snowfall	Highs of 80 or Warmer	Lows At or Below Freezing
Spring 2017	55.1	18.83	1.0	11	13
Normal Spring	52.6	12.42	2.8	13	20
2017 Difference from Normal	+2.5	+6.41	-1.8	+2	-7

**Spring Ranks:**

Tied for 13<sup>th</sup> Warmest

5<sup>th</sup> Wettest

Tied for 44<sup>th</sup> Least Snowiest

**2017 SUMMER SEASON SUMMARY**

	Average Temperature	Total Precipitation	Highs of 90 or Hotter
Summer 2017	73.8	14.48	8
Normal Summer	73.9	11.93	16
2017 Difference from Normal	-0.1	+2.55	-8

**Summer Ranks:**

69<sup>th</sup> Coolest

24<sup>th</sup> Wettest

**2017 FALL SEASON SUMMARY**

	Average Temperature	Total Precipitation	Total Snowfall	Highs of 80 or Warmer
Fall 2017	57.3	7.57	T	19
Normal Fall	55.2	9.94	1.1	17
2017 Difference from Normal	+2.1	-2.37	-1.1	+2

**Fall Ranks:**

Tied for 22<sup>nd</sup> Warmest

56<sup>th</sup> Driest

## WINTER 2017-2018 SUMMARY SO FAR

	Average Temperature	Total Precipitation	Total Snowfall	Highs of 32 or colder
December 2017	30.2	1.12	3.9	10
Normal December	31.6	3.17	6.9	1
2017 Difference From Normal	-1.4	-2.05	-3.0	+9

### December 2017 Ranks:

49<sup>th</sup> Coldest

17<sup>th</sup> Driest

Tied for 66<sup>th</sup> Snowiest

## Miscellaneous Information for Indianapolis in 2017

Date of Final Spring Frost: May 8

Date of Final Measurable Spring Snow: March 13 (1.0")

Date of First Fall Frost: October 26

Date of First Measurable Fall Snow: December 9 (0.4")

Hottest High Temperature: 93 (September 22)

Coldest Low Temperature: -1 (January 7)

Coldest High Temperature: 11 (January 6)

Warmest Low Temperature: 74 (July 20 and July 22)

Heaviest Daily Rainfall: 3.78" (July 11)

Heaviest Daily Snowfall: 2.1" (February 8)

Wettest 7 day period: 7.11" (April 28-May 4)

Most Consecutive days with temperatures below freezing: 7 (December 25-31)

Most Consecutive days with highs of 90 or hotter: 6 (September 21-26)

Most Consecutive days with measurable precipitation: 9 (April 27-May 5)

Most Consecutive days with no measureable precipitation: 14 (September 20-October 3)

## Records Tied/Broken at Indianapolis

Date	Record Type	New Record Amount	Old Record Amount	Old Record Year
February 18	Max Temperature	66	66	1961
February 21	Warmest Min	50	49	1878
April 29	Precipitation	1.99"	1.71"	1970
May 4	Precipitation	2.17"	1.47"	1996
May 18	Warmest Min	71	69	1911 and 2000
June 30	Precipitation	2.15"	1.50"	1945
July 11	Precipitation	3.78"	2.49"	2006
September 22	Max Temperature	93	93	1895
September 24	Max Temperature	92	92	2007
September 26	Max Temperature	91	91	1891
December 31	Coolest Max	11	11	1976

## **Top Weather Stories of 2017**

[February 8 Snow](#)

[February 28-March 1 Severe Weather and Tornadoes](#)

[March 30 Severe Storms](#)

[April 5 Severe Storms](#)

[April 10 Severe Storms with Large Hail](#)

[Early May Flooding](#)

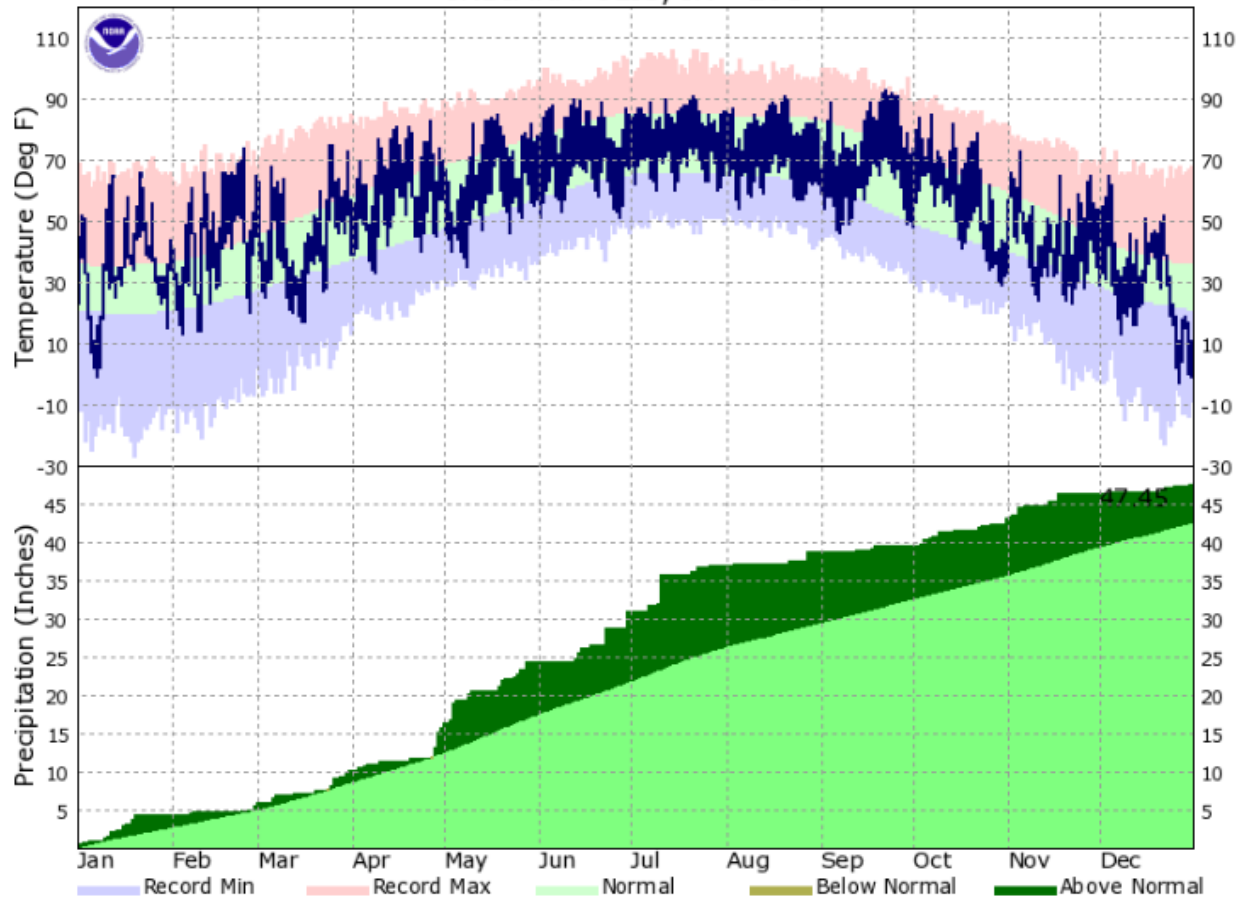
[May 20 Tornadoes](#)

[July 10-13 Severe Weather and Flooding](#)

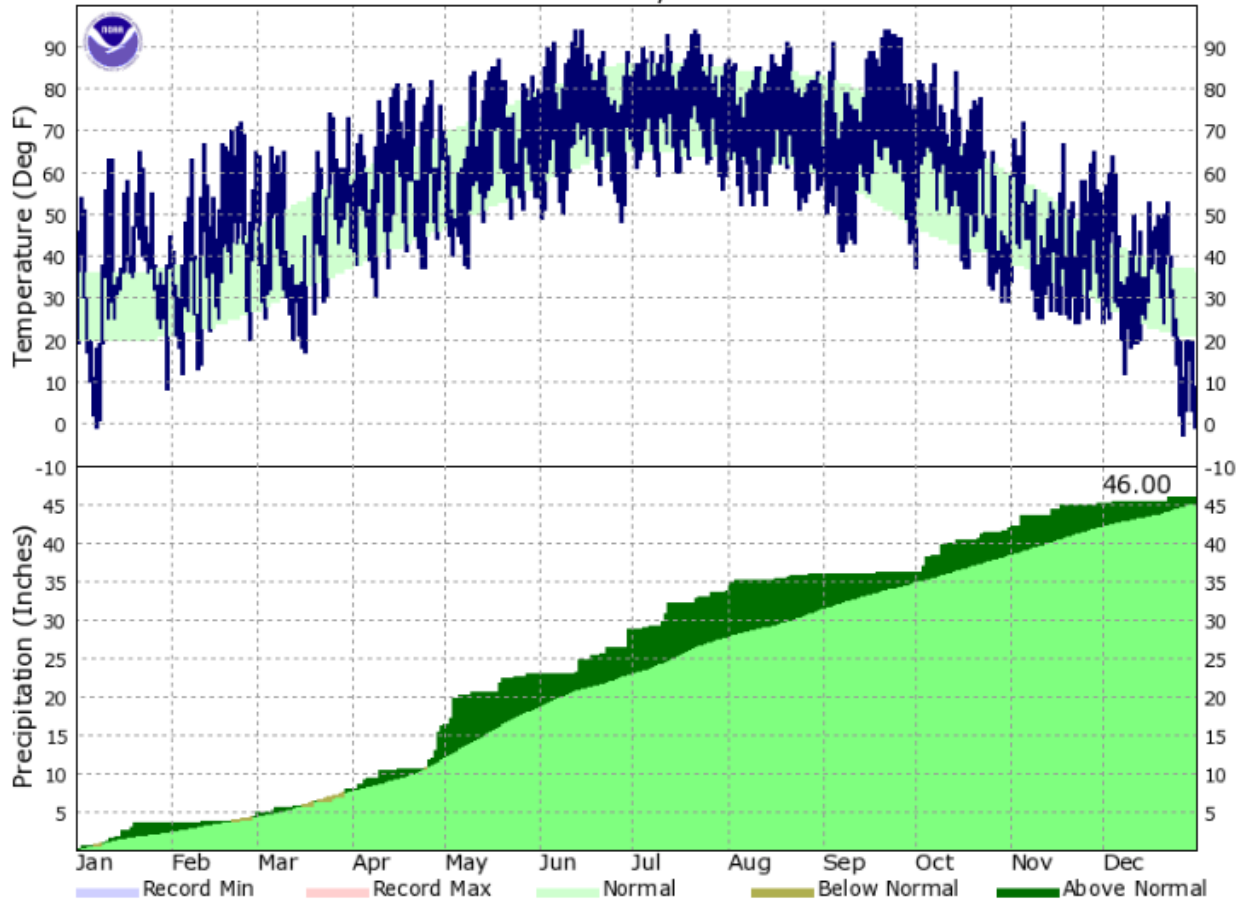
[November 5 Tornadoes](#)

[November 18 Severe Weather](#)

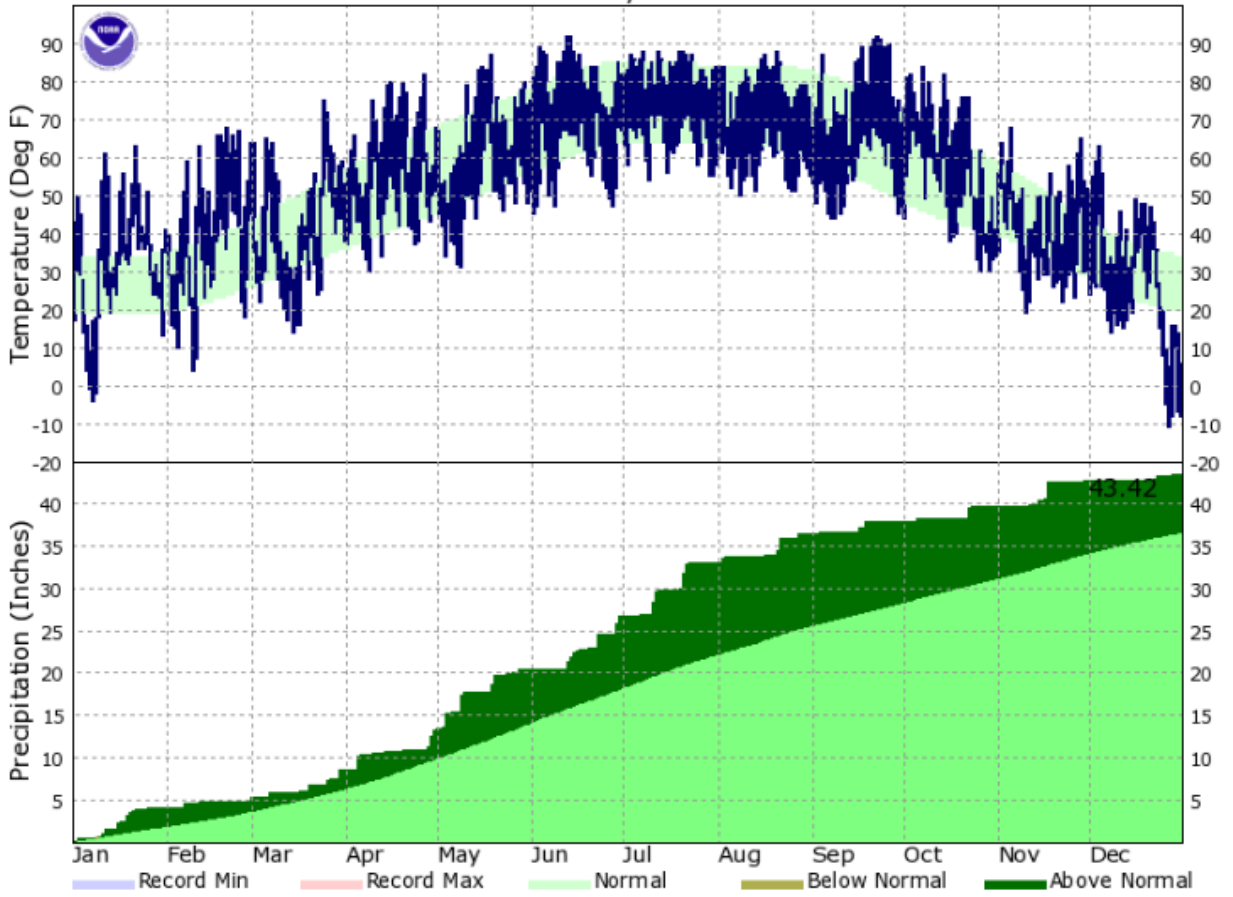
# INDIANAPOLIS, IN - 2017



# TERRE HAUTE, IN - 2017

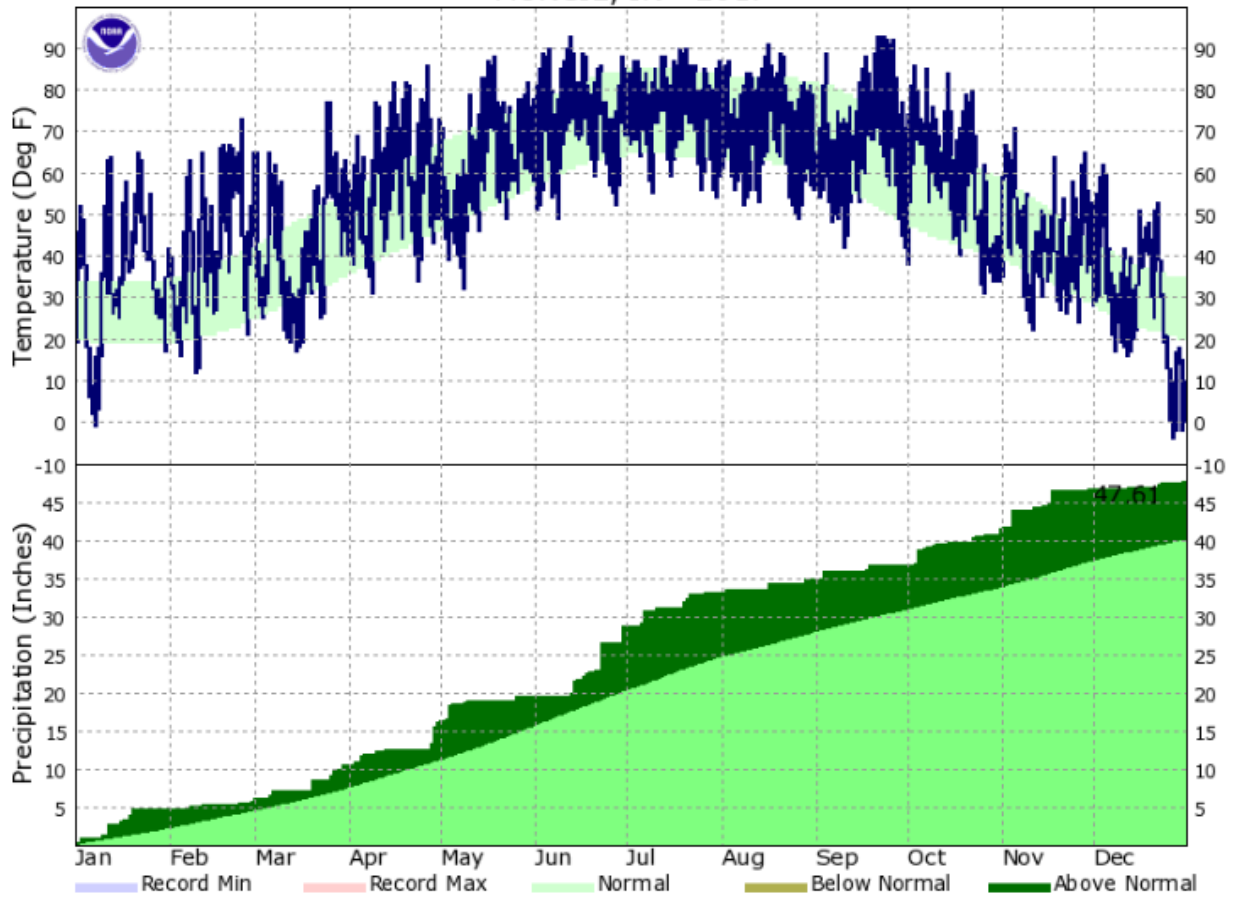


# LAFAYETTE, IN - 2017





### MUNCIE, IN - 2017



*Data prepared by the Indianapolis NWS Climate Team*