

2021: A Year in Review

A very comprehensive look back on the weather of 2021 across central Indiana. The information is arranged in this order:

Annual and Seasonal Conditions

Miscellaneous Weather Stats

Records Tied or Broken

Links to Top Weather Stories of 2021

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

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

Annual Climate Statistics for Indianapolis

JANUARY – DECEMBER 2021

	Average Temperature	Total Precipitation	Total Snowfall	Highs of 80/90 or hotter	Lows of 32/0 or colder
2021	54.8	49.75	22.2*	109/17	108/1
NORMAL (1991-2020)	53.7	43.63	25.5	101/20	106/3
2021 Difference from Normal	+1.1	+6.12	-3.3*	+8/-3	+2/-2
All-Time Rank (1872-2021)	15th Warmest	17th Wettest	69th Least Snowiest		

*Above snowfall data is also for the calendar year period, Jan – Dec 2021

Seasonal Climate Stats for Indianapolis

Observed Values and Their Difference from Normal

2020-21 WINTER SEASON SUMMARY

DEC – JAN – FEB	Average Temperature	Total Precipitation	Total Snowfall	Highs of 32F or Below	Lows of 0F or Below
Winter 2020-2021	30.5	5.86	22.2	23	1
Normal Winter	31.4	8.47	21.2	27	3
Winter Difference From Normal	-0.9	-2.61	+1.0	-4	-2

Winter Ranks: **Tied for 72th Coolest** **32nd Driest** **35th Snowiest**

2021 SPRING SEASON SUMMARY

MAR – APR – MAY	Average Temperature	Total Precipitation	Total Snowfall	Highs of 80F or Higher	Lows of 32F or Below
Spring 2021	53.7	11.24	2.0	8	20
Normal Spring	53.2	12.78	3.4	12	20
Spring 2021 Diff. From Normal	+0.5	-1.54	-1.4	-4	0

Spring 2021 Ranks: **Tied for 33rd Warmest** **75th Driest** **Tied for 66th Least Snowiest**

2021 SUMMER SEASON SUMMARY

JUN – JUL – AUG	Average Temperature	Total Precipitation		Highs of 90F or Higher	Lows of 70F or Higher
Summer 2021	75.5	15.84		17	34
Normal Summer	74.3	12.57		17	22
Summer 2021 Diff From Normal	+1.2	+3.27		0	+12

Summer 2021 Ranks: **Tied for 29th Warmest** **21st Wettest**

2021 FALL SEASON SUMMARY

SEP – OCT – NOV	Average Temperature	Total Precipitation	Total Snowfall	Highs of 80F or Higher	Lows of 32F or Below
Fall 2021	57.2	14.21	0.5	23	19
Normal Fall	55.6	9.81	0.9	17	15
Fall 2021 Diff. From Normal	+1.6	-4.40	-0.4	+6	+4

Fall 2021 Ranks: **Tied for 26th Warmest** **12th Wettest** **[The Median Snowfall]**

WINTER 2020-21 SUMMARY SO FAR

DEC 2021	Average Temperature	Total Precipitation	Total Snowfall	Highs of 32F or Below	Lows of 32F or Below
December 2021	42.1	4.23	T	1	16
Normal December	33.3	2.92	6.4	7	23
December Diff. From Normal	+8.8	+1.31	-6.4	-6	-7

December 2021 Ranks: **5th Mildest** **34th Wettest** Tied for **2nd Least Snowiest**

Miscellaneous 2021 Climate Data for Indianapolis

Date of Final Spring Frost:	May 10
Date of Final Measurable Spring Snow:	April 20 (2.0")
Date of First Fall Frost:	November 1
Date of First Measurable Fall Snow:	November 14 (0.5")
Highest Max Temperature:	94 (August 12, August 24)
Lowest Min Temperature:	0 (February 7)
Lowest Max Temperature:	16 (February 15)
Highest Min Temperature:	75 (August 10, August 11)
Greatest Daily Rainfall:	2.78" (July 1)
Greatest Daily Snowfall:	6.8" (February 15)
Wettest 7-day period:	5.16" (June 25-July 1)
Longest period held below freezing:	14 days (February 6-19)
Longest period with highs of 90F or higher:	4 days (August 21-24, August 26-29)
Longest period w/measurable precipitation:	5 days (June 6-10)
Longest period w/no measureable precipitation:	13 days (July 18-30)

Records Tied/Broken at Indianapolis

<u>DATE</u>	<u>RECORD TYPE</u>	<u>NEW</u>	<u>OLD</u>	<u>YEAR(S)</u>
January 30	Daily Snowfall	3.6"	3.4"	1901
February 15	Daily Snowfall	6.8"	6.3"	2010
April 20	Daily Snowfall	2.0"	T	1953, 2000
April 21	Daily Record Low	26	28	1907
June 19	Daily Precipitation	2.16"	1.75"	1942
September 22	Daily Precipitation	2.07"	1.22"	2003
October 11	High Minimum Temp	66	[Tied]	1879
December 11	Maximum Temp	66	[Tied]	1931
December	Count of Days $\geq 60^{\circ}\text{F}$	11	10	1889

Top 2021 Weather Events

[January 27 - Up To 4" of Snow Along/South of I-74](#)

[January 30-31 - Snow & Ice to Rain Event](#)

[February 8-9 - Up to 7" of Snow Falls South of I-70](#)

[President's Day Two-Part Snowstorm Brings Widespread 8-12"](#)

[April 20 - Record Cold and Late Season Snow Brings Most Locations 2-4"](#)

[June 18-19 - Numerous Storms Include Damaging Hail & Winds, Flash Flooding](#)

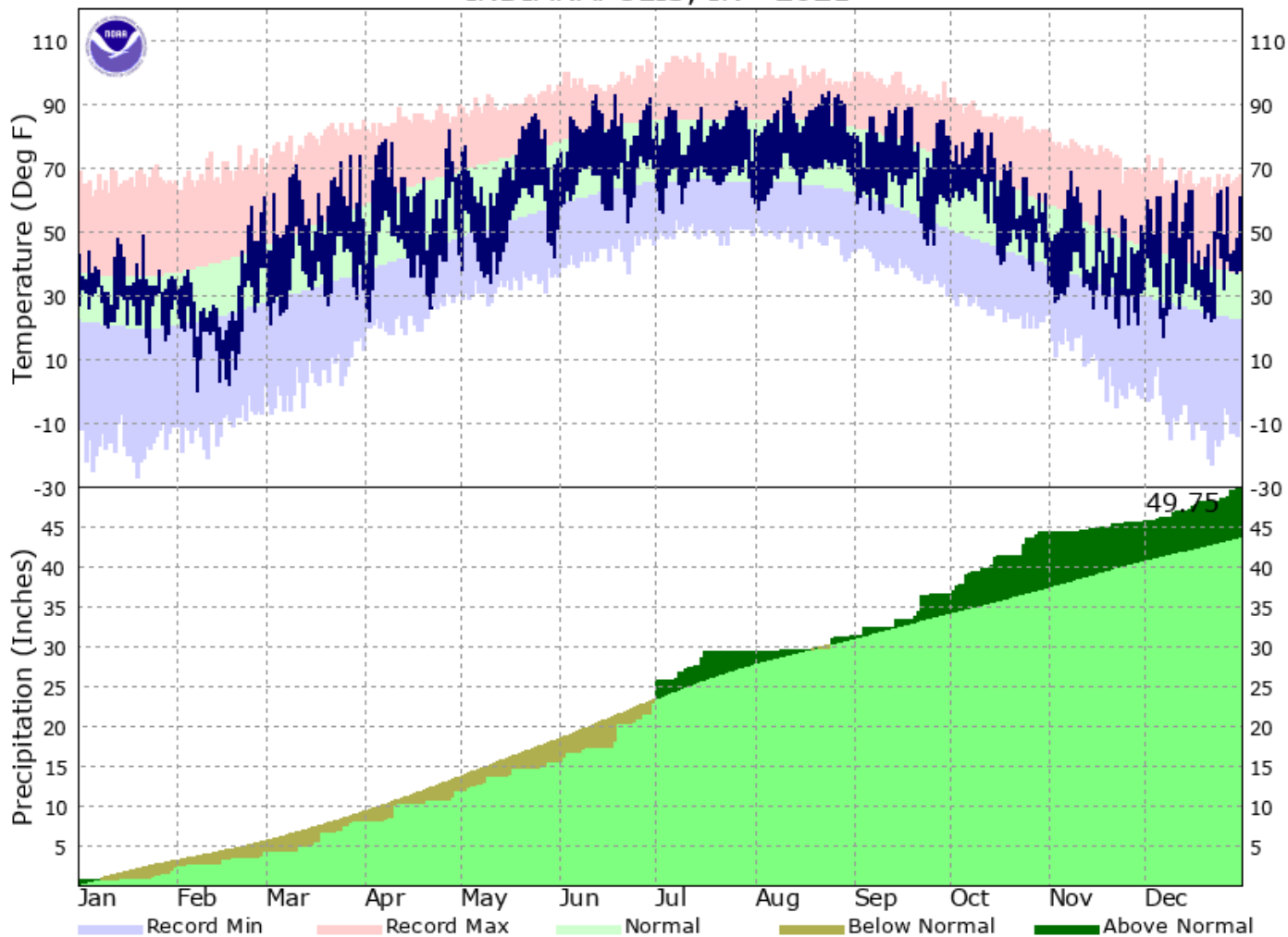
[June 25 - Supercell Spawns Two Weak Tornadoes in Carroll & Tippecanoe Co.](#)

[July 29 - Squall Line Produces Two Weak Tornadoes, Flooding in Shelby County](#)

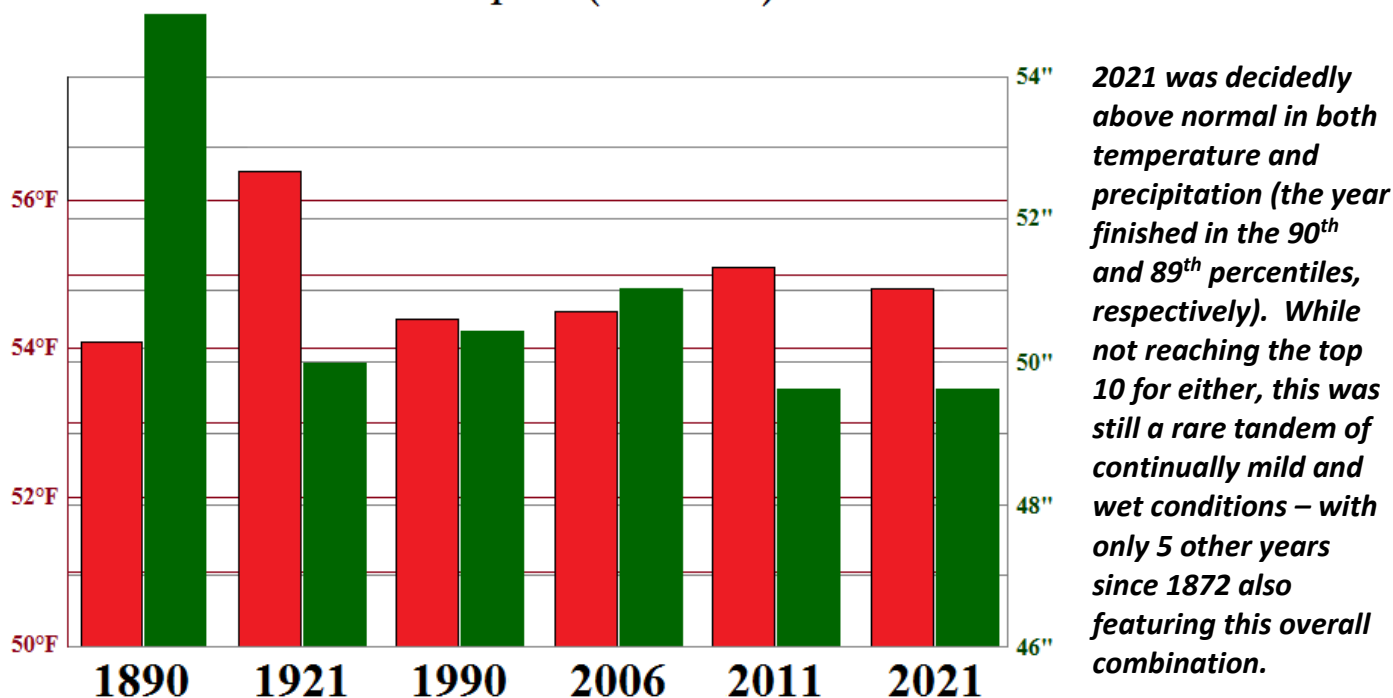
[October 11 - Approaching Front Brings Severe Weather West of Indianapolis](#)

[December 10-11 - Early Winter Widespread Severe Weather Event](#)

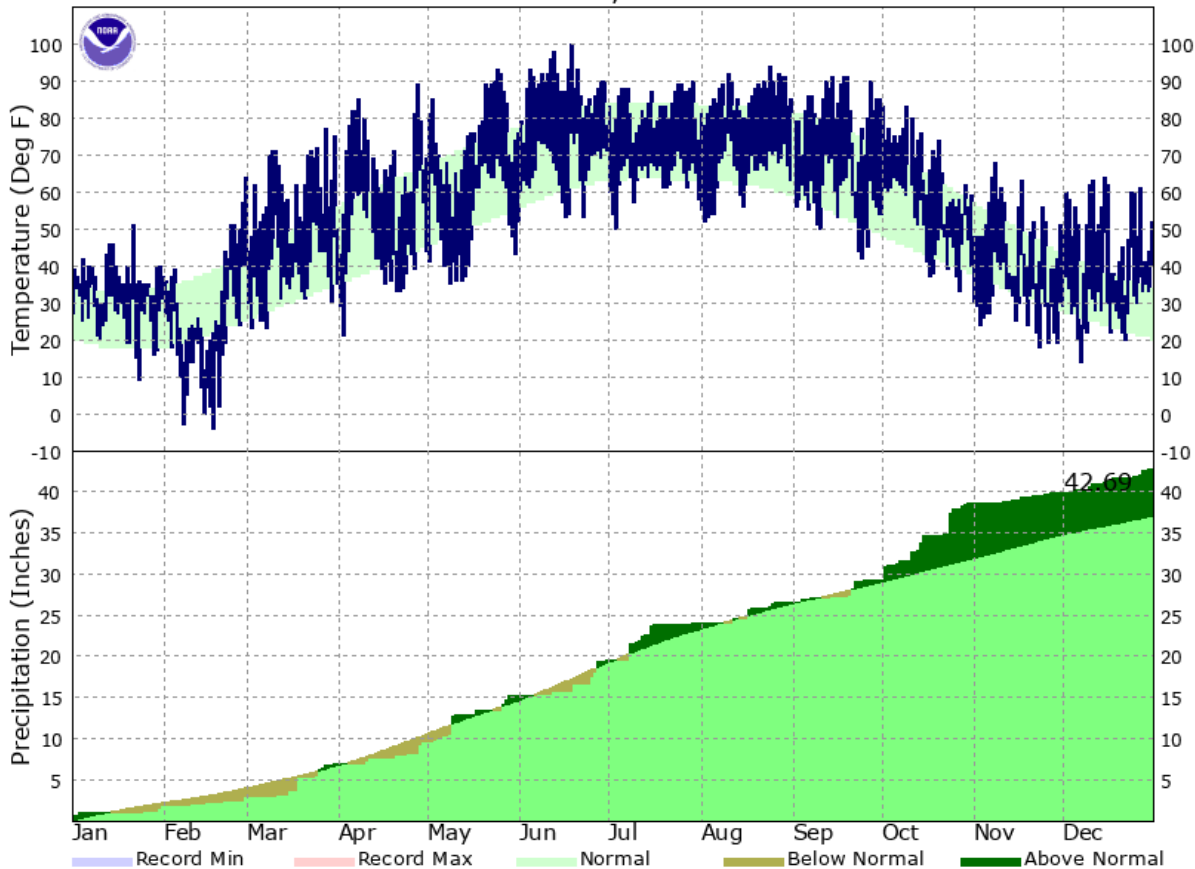
INDIANAPOLIS, IN - 2021



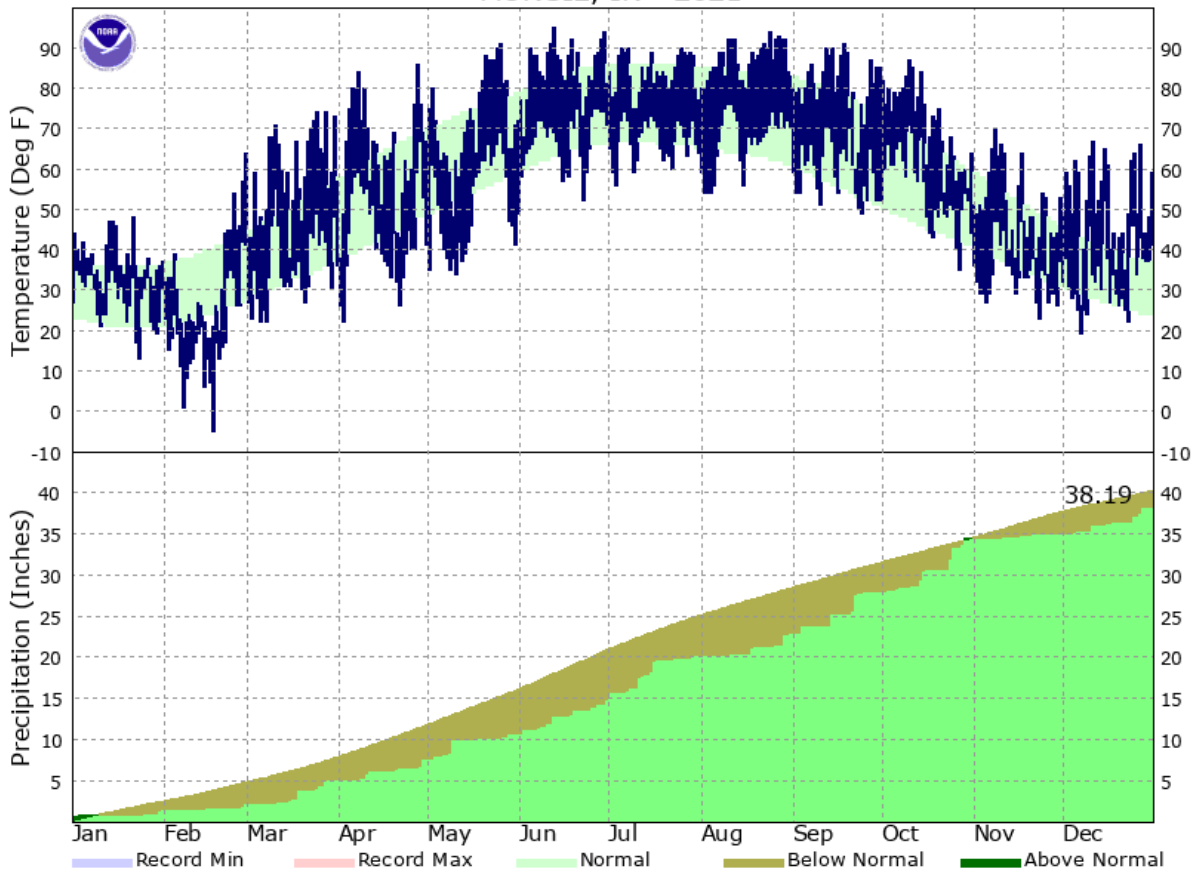
Years with Well Above Normal Temperatures & Precipitation at Indianapolis (1871-2021)



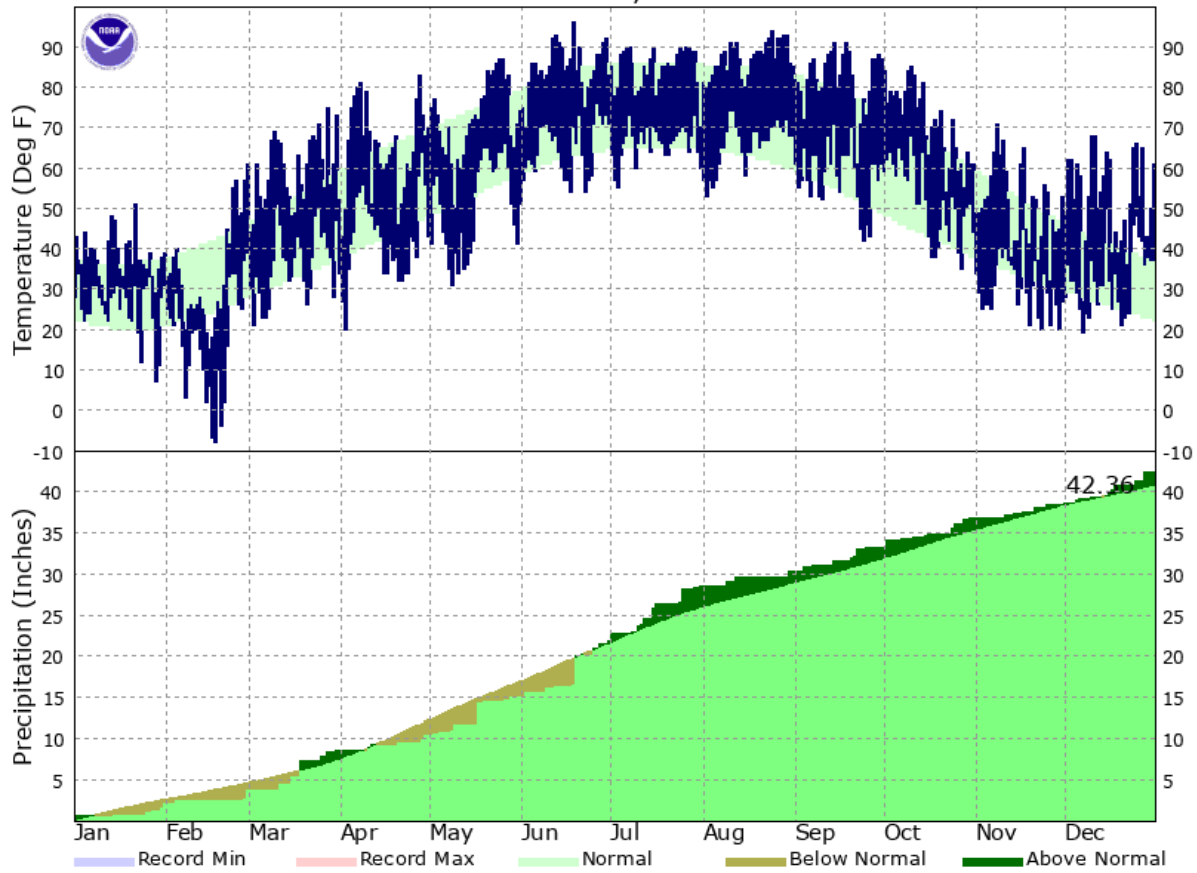
LAFAYETTE, IN - 2021



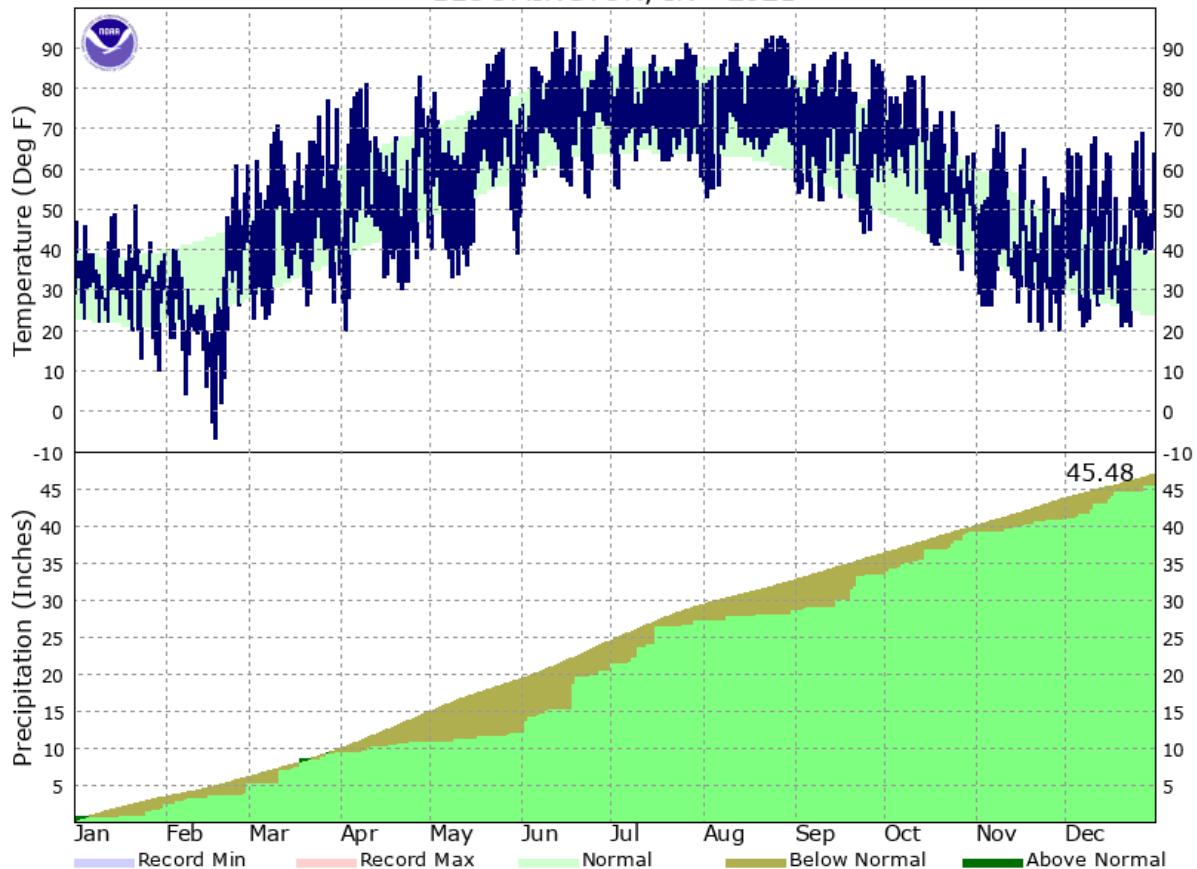
MUNCIE, IN - 2021



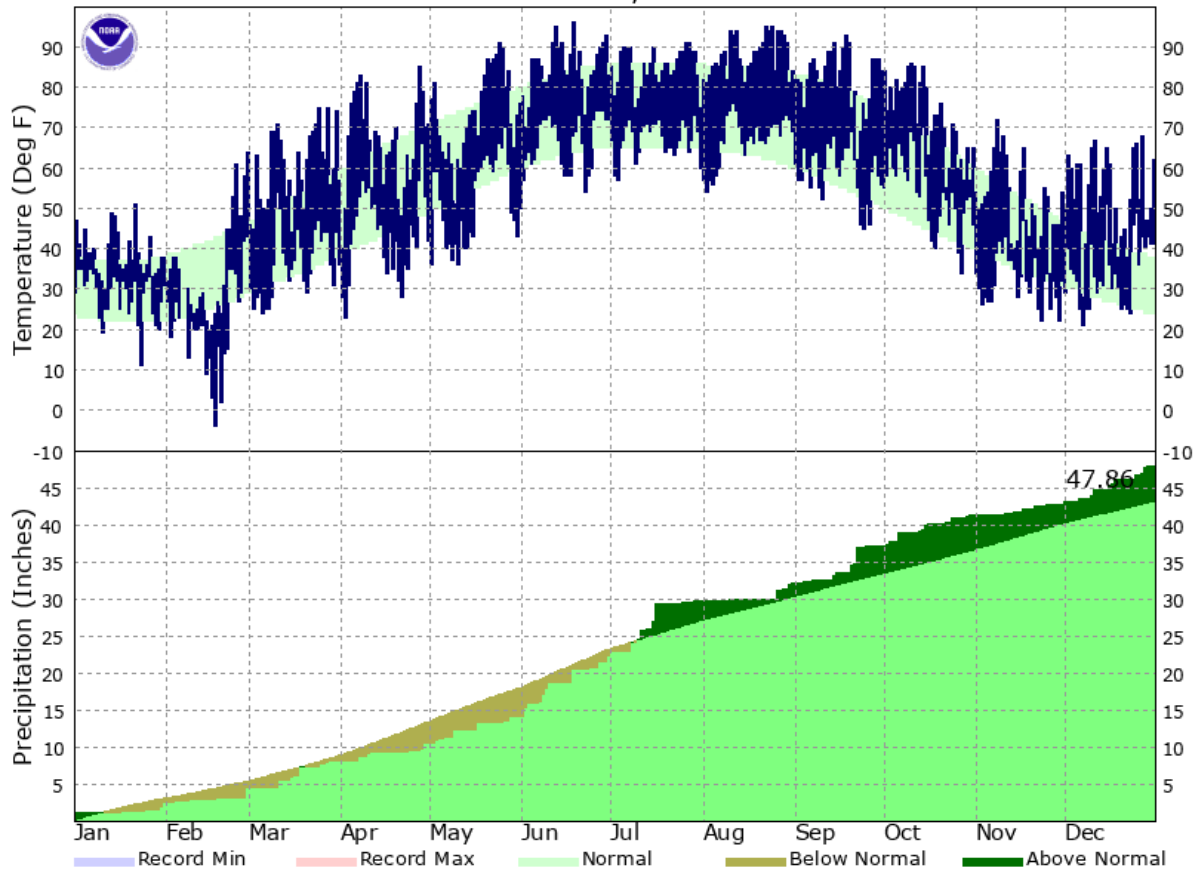
TERRE HAUTE, IN - 2021



BLOOMINGTON, IN - 2021



SHELBYVILLE, IN - 2021



INDIANAPOLIS EAGLE CREEK, IN - 2021

