

2024: A Year in Review

A very comprehensive look back on the weather of 2024 across central Indiana.
The information is arranged in this order:

Annual and Seasonal Conditions

Miscellaneous Weather Stats

Records Tied or Broken in 2024

Links to Top Weather Stories of 2024

Central Indiana 2024 Climate Summary

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 2024

	Average Temperature	Total Precipitation	Total Snowfall	Highs of 80/90 or higher	Lows of 32/0 or lower
2024	56.9	43.53"	12.3"	116/22	79/4
NORMAL (1991-2020)	53.7	43.63"	25.5"	101/20	106/3
2024 Difference from Normal	+3.2	-0.10"	-13.2"	+15/+2	-27/+1
All-Time Rank (1872-2024)	HIGHEST EVER	46th Wettest	25th Least Snowiest		

*Snowfall data above is also for the calendar year period, January – December 2024

Seasonal Climate Stats for Indianapolis

Observed Values and Their Difference from Normal

2023-24 WINTER SEASON SUMMARY

DEC – JAN – FEB	Average Temperature	Total Precipitation	Total Snowfall	Highs of 32F or Below	Lows of 0F or Below
Winter 2023-2024	37.0	7.80	8.2	10	4
Normal Winter	31.4	8.47	21.2	27	3
Winter 2023-24 Diff From Normal	+5.6	-0.67	-13.0	-17	+1

Winter 23-24 Ranks: **7th Mildest** **72nd Driest** **23rd Least Snowiest (Tied)**

2024 SPRING SEASON SUMMARY

MAR – APR – MAY	Average Temperature	Total Precipitation	Total Snowfall	Highs of 80F or Higher	Lows of 32F or Below
Spring 2024	57.6	15.50	T	15	12
Normal Spring	53.2	12.78	3.4	12	20
Spring 2024 Diff From Normal	+4.4	+2.72	-3.4	+3	-8

Spring 2024 Ranks: **4th Warmest** **24th Wettest** **2nd Least Snowiest (Tied)**

2024 SUMMER SEASON SUMMARY

JUN – JUL – AUG	Average Temperature	Total Precipitation		Highs of 90F or Higher	Lows of 70F or Higher
Summer 2024	75.0	10.72		18	22
Normal Summer	74.3	12.57		17	22
Summer 2024 Diff From Normal	+0.7	-1.85		+1	0

Summer '24 Ranks: **49th Hottest (Tied)** **68th Driest**

2024 FALL SEASON SUMMARY

SEP – OCT – NOV	Average Temperature	Total Precipitation	Total Snowfall	Highs of 80F or Higher	Lows of 32F or Below
Fall 2024	59.6	6.04	3.3	23	6
Normal Fall	55.6	9.81	0.9	17	15
Fall 2024 Diff From Normal	+4.0	-3.77	+2.4	+6	-9

Fall 2024 Ranks: **3th Warmest** **31st Driest** **23rd Snowiest (Tied)**

WINTER 2024-25 SUMMARY SO FAR

DEC 2024	Average Temperature	Total Precipitation	Total Snowfall	Highs of 32F or Below	Lows of 32F or Below
December 2024	36.1	4.73	0.9	6	18
Normal December	33.3	2.92	6.4	7	23
December Diff. From Normal	+2.8	+1.81	-5.5	-1	-5

December 2024 Ranks: **31st Mildest (Tied)** **23rd WETTEST** **26th Least Snowiest (Tied)**

Miscellaneous 2024 Climate Data for Indianapolis

Date of Final Spring Frost:	April 22
Date of Final Measurable Spring Snow:	February 24 (0.1")
Date of First Fall Frost:	October 17
Date of First Measurable Fall Snow:	November 21 (3.2")
Highest Max Temperature:	96 (August 30)
Lowest Min Temperature:	-6 (January 15)
Lowest Max Temperature:	6 (January 15)
Highest Min Temperature:	75 (June 17 & June 19)
Greatest Daily Rainfall:	2.55" (July 28)
Greatest Daily Snowfall:	3.9" (February 16)
Wettest 7-day period:	3.43" (April 7-13)
Longest period held below freezing:	9 days (January 13-21)
Longest period with highs of 90F or higher:	7 days (August 24-30)
Longest period w/measurable precipitation:	7 days (January 22-28, March 30-April 5)
Longest period w/no measurable precipitation:	12 days (October 2-13)

Records Tied/Broken at Indianapolis in 2024

<i>DATE</i>	<i>RECORD TYPE</i>	<i>NEW</i>	<i>OLD</i>	<i>YEAR</i>
January 9	Daily Precipitation	1.22"	1.15"	1930
February 9	Maximum Temp	66	[Tied]	1894, 1943
February 9	High Minimum Temp	52	48	1876
February 26	Maximum Temp	73	68	1998
February 27	High Minimum Temp	58	51	1876
February 28	Maximum Temp	68	[Tied]	1895
April 28	High Minimum Temp	67	[Tied]	1899
August 30	Maximum Temp	96	95	1881, 1953, 1964
October 29	High Minimum Temp	63	[Tied]	1875, 2004
November 4	High Minimum Temp	63	60	1977
November 5	High Minimum Temp	63	61	2015
(11/4, 11/5) November	Monthly High Minimum	63	[Tied]	11/6/1924
November 21	Daily Snowfall	3.2"	1.3"	2015
YEAR	Record Days Max ≤ 70F	195	186	2010

Top 2024 Weather Events

[January 12: Near Record Low Pressure Brings Damaging Winds](#)

[January 19: Light Snowfall](#)

[February 16: Quick-Hitting Moderate Snowfall](#)

[March 14: Outbreak of Ten Tornadoes in One Hour with Severe Storms](#)

[April: Heavy Rain and Flooding](#)

[May 7: Multiple Tornadoes, Large Hail, Damaging Winds](#)

[May 26: Knox County Tornado](#)

[June 25: Severe Storms with 70 mph Damaging Winds](#)

[June 29: Severe Storms with Damaging Winds and a Landspout Tornado](#)

[July 9-10: Beryl Remnants Bring Heavy Rain, Gusty Winds, One Tornado](#)

[July 15-16: Nocturnal Derecho with 75 mph Damaging Winds](#)

[July 29: Hamilton-Madison County EF2 Tornado and Severe Storms](#)

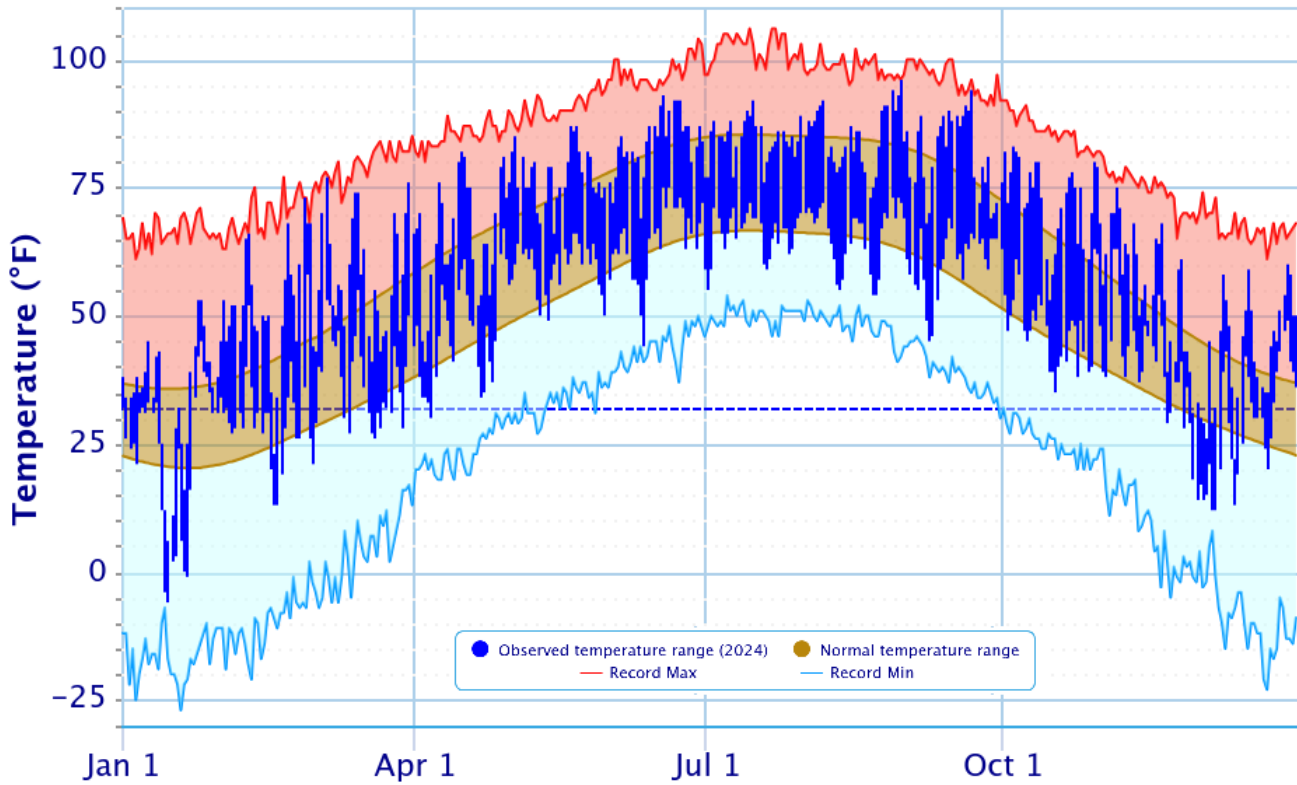
[September 22: Delaware County EF0 Landspout Tornado](#)

[September 27: Damaging Winds From Post Tropical Storm Helene](#)

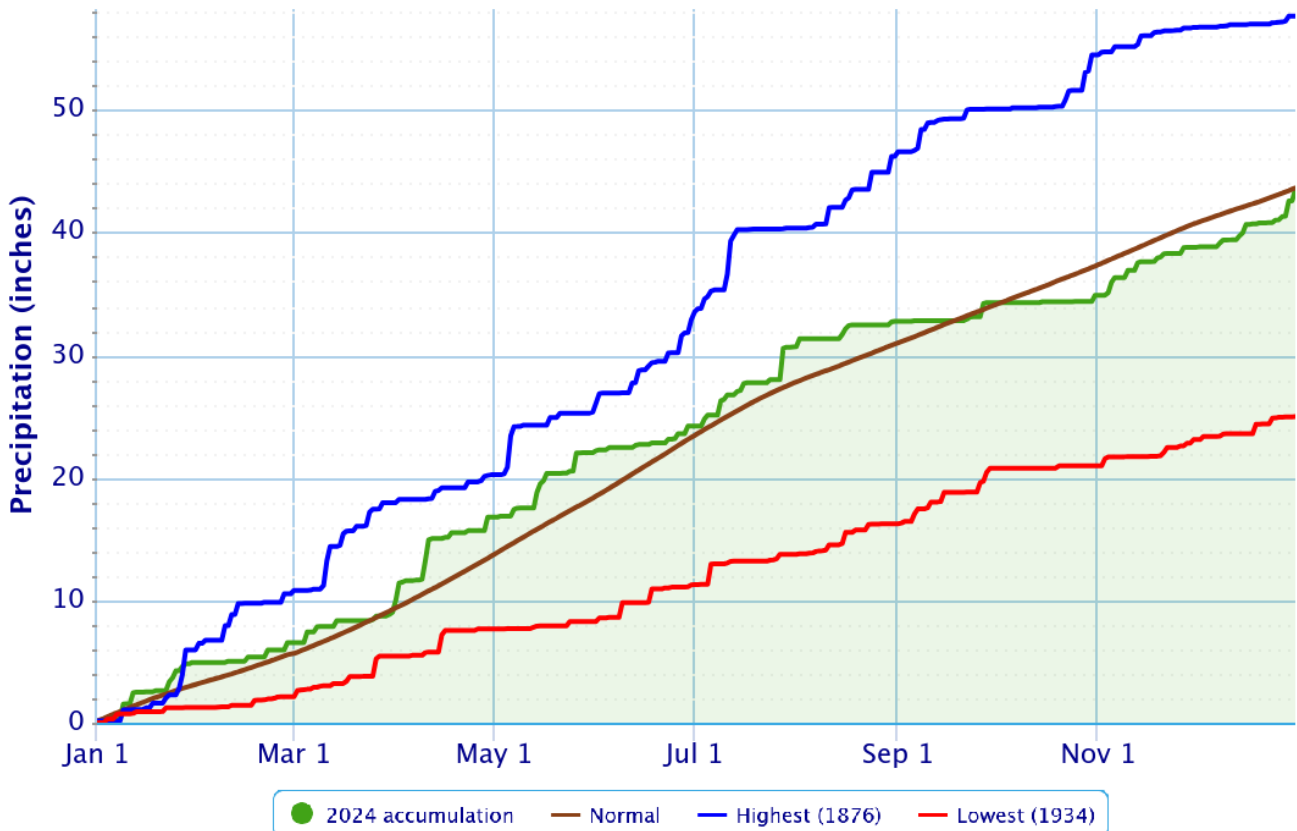
[November 21: Record Early Snowfall Focused North of Indianapolis](#)

Daily Temperature Data – Indianapolis Area, IN

Period of Record – 1871-02-10 to 2024-12-31; Normals period: 1991-2020



Accumulated Precipitation – Indianapolis Area, IN



Indianapolis, IN Area Average Yearly Temperature

Anomalously Warm Years

(1872-2024)

