

# Decorah Weather - April 2024 Summary

by Richard Bernatz

Weather data available online at <http://faculty.luther.edu/~bernatzr/DecWx/>

## 1. APRIL 2024 TEMPERATURES

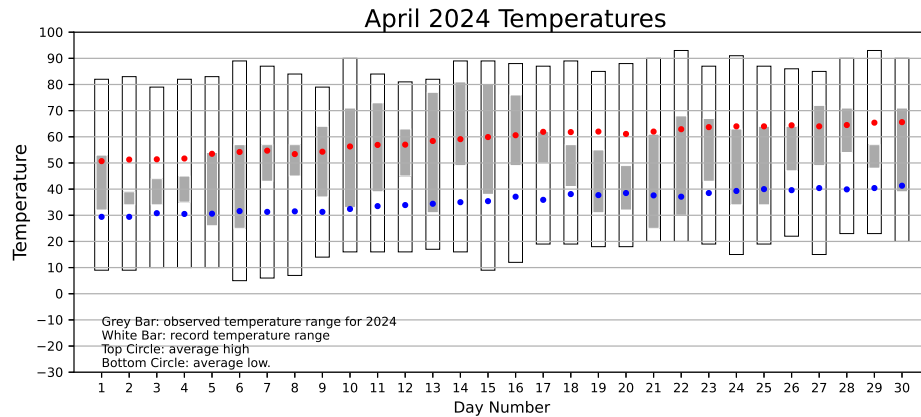


Figure 1: **Grey Bar:** Observed temperature range for 2024, **White Bar:** Record temperature range, **Circles:** Average temperature range, red circle for average high, blue circle for average low.

Temperature (° F)	April 2024	Historical	Deviation
Average High	62.4	59.1	+3.3
Average Low	38.4	35.5	+2.9
Daily Average	50.4	47.3	+3.1

Table 1: April 2024 average temperatures compared to April averages.

- APRIL 2024
  - Record temperatures: none
  - Average temperature : 50.4° F, 3.1° F above average
  - Warmest temperature : 81° F on the 14th
  - Coldest temperature : 25° F on the 21st.
  - Heating degree days : 438.0 (97.5 less than the average of 535.5)
- ALL APRILS: 1894-2024 (131 YEARS)
  - Compared with April 2024, 25 Aprils were warmer, one was the same, and 105 Aprils were colder.
  - Warmest average : 55.7° F in 1915
  - Coldest average : 37.4° F in 2018
  - Warmest temperature : 93° F on the 22nd of 1980 and on the 29th of 1910
  - Coldest temperature : 5° F on the 6th of 1982

## 2. APRIL 2024 PRECIPITATION

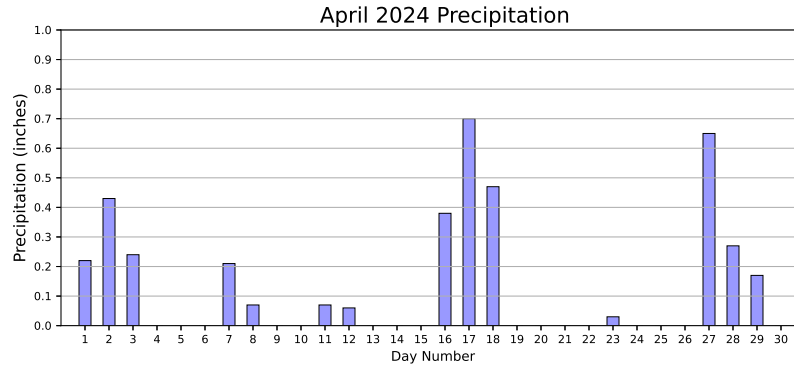


Figure 2: April precipitation for Decorah.

- APRIL 2024
  - Total precipitation for April 2024 : 3.97 inches, 0.85 inches more than the average precipitation of 3.11 inches
  - 14 days with measurable precipitation, the average is nine days
  - Greatest 24-hour total : 0.70 inches on the 17th.
  - Snowfall : Measurable snow recorded on two days for a total of 0.8 inches. The historical average is 1.7 inches with one day of measurable snowfall
- ALL APRILS: 1894 - 2024 (131 years)
  - Compared with April 2024, 30 Aprils were wetter and 100 Aprils were drier
  - Wettest April : 2008 with 8.74 inches
  - Driest April : 0.50 inches in 2021

## 3. TWELVE-MONTH SUMMARY

Month	Year	Ave Temp (°F)	Deviation (°F)	Rank† (#/Total)	Precip (inches)	Deviation (inches)	Rank‡ (#/Total)
May	2023	63.0	+4.1	17/128	4.19	-0.04	58/127
June	2023	71.1	+2.8	22/129	2.36	-2.39	109/129
July	2023	72.5	-0.1	63/129	3.32	-0.76	69/130
August	2023	74.9	+4.5	11/131	0.91	-3.14	125/131
September	2023	69.3	+7.0	1/130	5.54	+1.84	26/130
October	2023	54.3	+4.0	19/130	2.78	+0.45	46/130
November	2023	40.0	+4.7	19/131	0.18	-1.65	128/131
December	2023	36.0	+14.1	1/131	1.07	-0.14	71/131
January	2024	24.0	+7.6	14/131	1.56	+0.51	24/131
February	2024	38.1	+17.9	1/131	0.37	-0.59	107/130
March	2024	42.4	+9.5	3/132	2.18	+0.28	49/132
April	2024	50.5	+3.1	26/131	3.97	+0.85	31/131

Table 2: A summary of the last twelve months. †- The smaller the number (#), the warmer the month. ‡- The smaller the number (#), the wetter the month. Boxed entries are within the historical top or bottom ten.

- Eleven of the past twelve months were warmer than average.
- April 2024 is one of five months, in the last twelve, with above average precipitation.
- Precipitation deviations. last 3 months: +0.86 inches; last 6 months: -0.72 inches; last 9 months: -1.58 inches; last 12 months: -4.78 inches