

Decorah Weather - May 2024 Summary

by Richard Bernatz

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

1. MAY 2024 TEMPERATURES

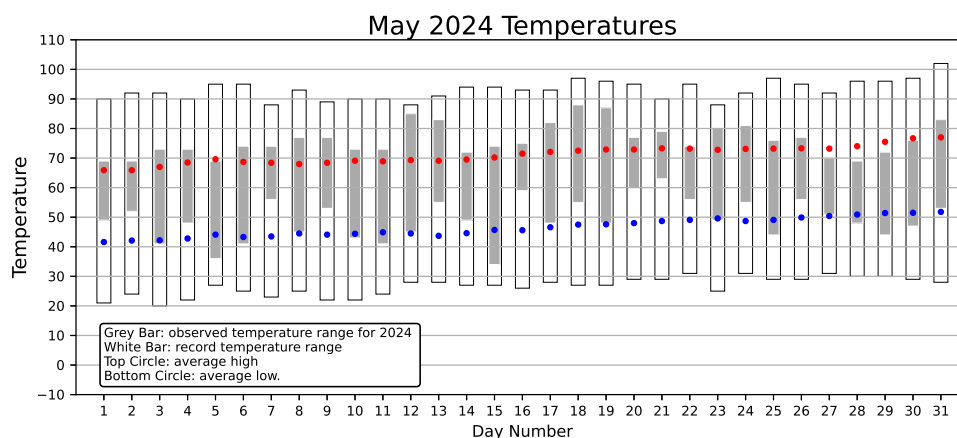


Figure 1: **Grey Bar:** Observed temperature range for 2024, **White Bar:** Record temperature range, **Circles:** Average temperature range, red circle for average high, blue circle for average low.

Temperature (° F)	May 2024	Historical	Deviation
Average High	76.2	71.2	+5.0
Average Low	49.2	46.6	+2.6
Daily Average	62.7	58.9	+3.8

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

- MAY 2024
 - Record Temperatures : none
 - Above average maximum temperature recorded on 25 days
 - Average temperature : 62.7° F, 3.8° F warmer than average
 - Warmest temperature : 88° F on the 18th
 - Coldest temperature : 34° F on the 15th.
 - Heating degree days : 104.5, 124.0 less than average
 - Cooling degree days : 32.0, 10.5 less than average
- ALL MAYS: 1895-2024 (129 years, missing data for 1921)
 - Compared with May 2024, 19 Mays were warmer, 109 were cooler
 - Warmest average : 67.8° F in 1934
 - Coldest average : 48.7° F in 1924
 - Warmest temperature : 97° F on the 25th of 1911
 - Coldest temperature : 20° F on the 3rd of 1908 and the 3rd of 2005

2. MAY 2024 PRECIPITATION

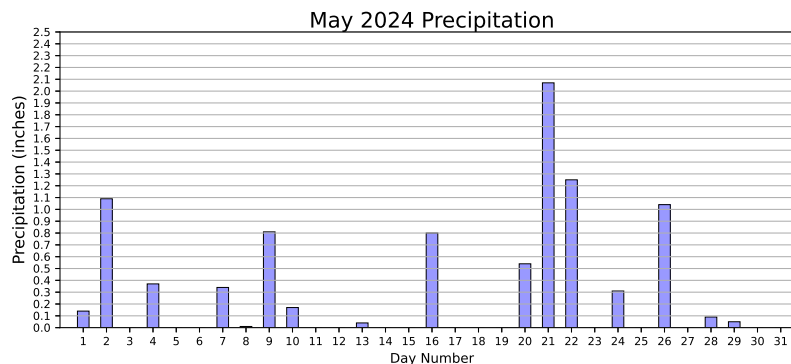


Figure 2: May 2024 precipitation for Decorah.

- MAY 2024
 - Total precipitation for May 2024 : 9.11 inches, 4.85 inches more than the average amount of 4.26 inches
 - Sixteen days with measurable precipitation - average is between eleven and twelve days
 - Greatest 24-hour total : 2.07 inches on the 21st
 - No snowfall in May 2024
- ALL MAYS: 1895 - 2024 (129 years, data missing for 1921)
 - Compared with May 2024, 5 Mays were wetter, and 123 Mays were drier
 - Wettest May : 12.18 inches in 1941
 - Driest May : 0.79 inches in 1897

3. TWELVE-MONTH SUMMARY

Month	Year	Ave Temp (°F)	Deviation (°F)	Rank [†] (#/Total)	Precip (inches)	Deviation (inches)	Rank [‡] (#/Total)
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
May	2024	62.7	+3.8	20/129	9.11	+4.85	6/129

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 12 months were warmer than average.
- Six of the past 12 months (4 of the past 6) were wetter than average.
- Precipitation deviations. last 3 months : +5.99 inches, last 6 months : +5.78 inches, last 9 months : +6.41, last 12 months : +0.11