

Decorah Weather - May 2023 Summary

by Richard Bernatz

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

1. MAY 2023 TEMPERATURES

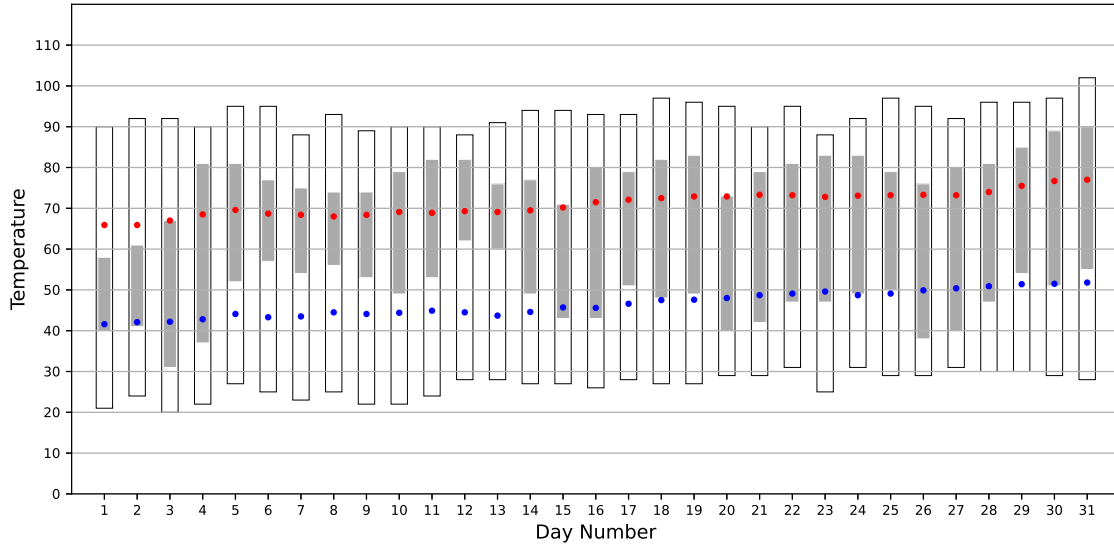


Figure 1: **Grey Bar:** Observed temperature range for 2023, **White Bar:** Record temperature range, **Circles:** Average temperature range, red circle for average high, blue circle for average low.

Temperature (° F)	May 2023	Historical	Deviation
Average High	78.0	71.2	+6.8
Average Low	48.0	46.6	+1.4
Daily Average	63.0	58.9	+4.1

Table 1: May 2023 average temperatures compared to May averages.

- MAY 2023
 - Record Temperatures : none
 - Above average maximum temperature recorded on 26 days
 - Average temperature : 63.0° F, 4.1° F warmer than average
 - Warmest temperature : 90° F on the 31st
 - Coldest temperature : 31° F on the 3rd.
 - Heating degree days : 97.0, 132.5 less than average
 - Cooling degree days : 35.0, 7.5 less than average
- ALL MAYS: 1895-2023 (128 years, missing data for 1921)
 - Compared with May 2023, 16 Mays were warmer, 111 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 2023 PRECIPITATION

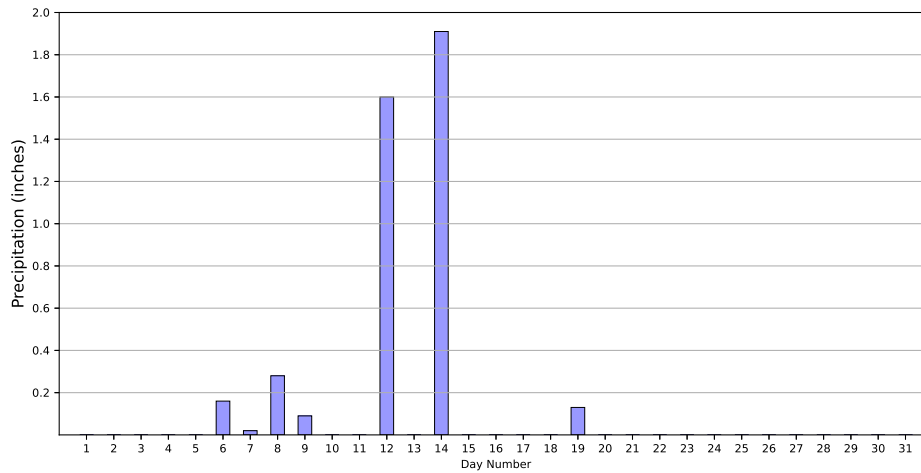


Figure 2: May 2023 precipitation for Decorah.

- MAY 2023
 - Total precipitation for May 2023 : 4.19 inches, 0.04 inches less than the average amount of 4.23 inches
 - Seven days with measurable precipitation - average is between eleven and twelve days
 - Greatest 24-hour total : 1.91 inches on the 14th
 - No snowfall in May 2023
- ALL MAYS: 1895 - 2023 (128 years, data missing for 1921)
 - Compared with May 2023, 57 Mays were wetter, and 70 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	2022	72.0	+2.0	32/128	5.00	+0.24	53/128
July	2022	73.3	+0.7	51/128	10.83	+6.73	1/129
August	2022	71.8	+1.4	30/130	5.42	+1.35	32/130
September	2022	65.4	+3.2	20/129	1.31	-2.38	118/129
October	2022	50.7	+0.4	56/129	1.34	-0.98	95/129
November	2022	38.5	+3.3	31/130	2.31	+0.46	36/130
December	2022	21.8	+0.5	64/130	1.81	+0.60	27/130
January	2023	24.4	+8.1	11/130	2.17	+1.12	12/130
February	2023	26.6	+6.5	21/113	2.00	+1.04	9/129
March	2023	36.2	+3.4	36/131	1.89	-0.11	70/131
April	2023	50.5	+3.2	23/130	2.84	-0.26	66/130
May	2023	63.0	+4.1	17/128	4.19	-0.04	58/127

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.

- Twelve of the past 12 months were warmer than average, and the last 14 months were warmer than average .
- Seven of the past 12 months were wetter than average, but the last three months were drier than average.
- Precipitation deviations. last 3 months : -0.43 inches, last 6 months : +2.33 inches, last 9 months : -0.57, last 12 months : 7.74 inches