

Decorah Weather - April 2025 Summary

by Richard Bernatz

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

1. APRIL 2025 TEMPERATURES

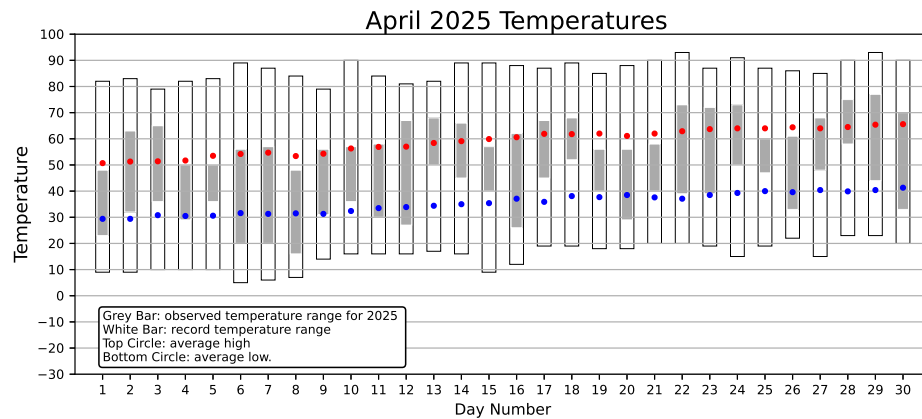


Figure 1: **Grey Bar:** Observed temperature range for 2025, **White Bar:** Record temperature range, **Circles:** Average temperature range, red circle for average high, blue circle for average low.

Temperature (° F)	April 2025	Historical	Deviation
Average High	62.1	59.1	+3.0
Average Low	36.5	35.5	+1.0
Daily Average	49.3	47.3	+2.0

Table 1: April 2025 average temperatures compared to April averages.

- APRIL 2025
 - Record temperatures: none
 - Average temperature : 49.3° F, 2.0° F above average
 - Warmest temperature : 77° F on the 29th
 - Coldest temperature : 16° F on the 8th.
 - Heating degree days : 473.5 (61.5 less than the average of 535.0)
- ALL APRILS: 1894-2025 (132 YEARS)
 - Compared with April 2025, 40 Aprils were warmer and 91 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 2025 PRECIPITATION

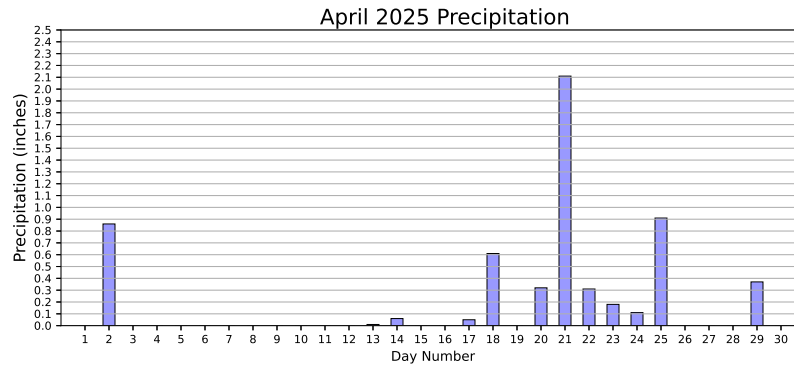


Figure 2: April precipitation for Decorah.

- APRIL 2025
 - Total precipitation for April 2025 : 5.90 inches, 2.76 inches more than the average precipitation of 3.13 inches
 - 12 days with measurable precipitation, the average is 9.5 days
 - Greatest 24-hour total : 2.11 inches on the 21st.
 - Snowfall : Measurable snow recorded on one day for a total of 1.0 inch. The historical average is 1.7 inches with one day of measurable snowfall
- ALL APRILS: 1894 - 2025 (132 years)
 - Compared with April 2025, 11 Aprils were wetter and 120 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	2024	62.7	+3.8	20/129	9.11	+4.85	6/129
June	2024	71.9	+3.6	18/130	7.38	+2.60	22/130
July	2024	73.8	+1.2	45/130	3.13	-0.94	79/131
August	2024	73.8	+3.4	16/132	1.87	-2.16	108/132
September	2024	67.5	+5.2	9/131	0.39	-3.29	130/131
October	2024	57.3	+6.9	4/131	1.61	-0.71	89/131
November	2024	40.4	+4.1	15/132	3.70	+1.85	12/132
December	2024	26.7	+5.6	24/132	1.62	+0.41	36/132
January	2025	19.3	+2.9	44/132	0.06	-0.96	132/132
February	2025	19.7	-0.5	67/132	0.30	-0.65	114/131
March	2025	43.0	+10.0	3/133	3.08	+1.16	14/133
April	2025	49.3	+2.0	26/132	5.90	+2.76	12/132

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 2025 is one of six months, in the last twelve, with above average precipitation.
- Precipitation deviations. last 3 months: +3.28 inches; last 6 months: +5.49 inches; last 9 months: -1.58 inches; last 12 months: +4.93 inches

4. APRIL NARRATIVE SUMMARY

April 2025 in Decorah unfolded with a gentle warmth, continuing the trend of generally above-average temperatures that has characterized much of the past year. The average temperature settled at 49.3°F, a comfortable 2.0°F warmer than the historical average for the month. While no daily records were challenged, the month offered a typical transition into spring, with the warmest day reaching a mild 77°F towards the end of April. The coldest morning dipped to a brisk 16°F, a final nod to winter's lingering potential. The slightly warmer temperatures also meant a reduced need for heating, with heating degree days falling about 15% below average.

However, the real story of April 2025 was the abundance of rain. A significant 5.90 inches of precipitation was recorded for the month, a substantial 2.76 inches above the average. This made April one of the wettest in recent memory, with measurable rain falling on twelve days, exceeding the typical 9.5 days. The most intense rainfall occurred mid-month, with over two inches recorded in a single 24-hour period on the 21st of the month. While snowfall is rare in April, a single day did see a dusting of an inch, a fleeting reminder of the season just past.

Looking at the larger picture, April 2025 reinforces the pattern of overall, above average warmth for the Decorah area. Eleven of the past twelve months have now been warmer than average. In terms of precipitation, April's heavy rainfall tips the balance, making it one of six months in the last year with above-average precipitation. Examining the precipitation deviations over different periods reveals a recent trend towards wetter conditions, with a 4.93 inch surplus over the last 12 months.