

Decorah Weather - February 2025 Summary

by Richard Bernatz

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

1. FEBRUARY 2025 TEMPERATURES

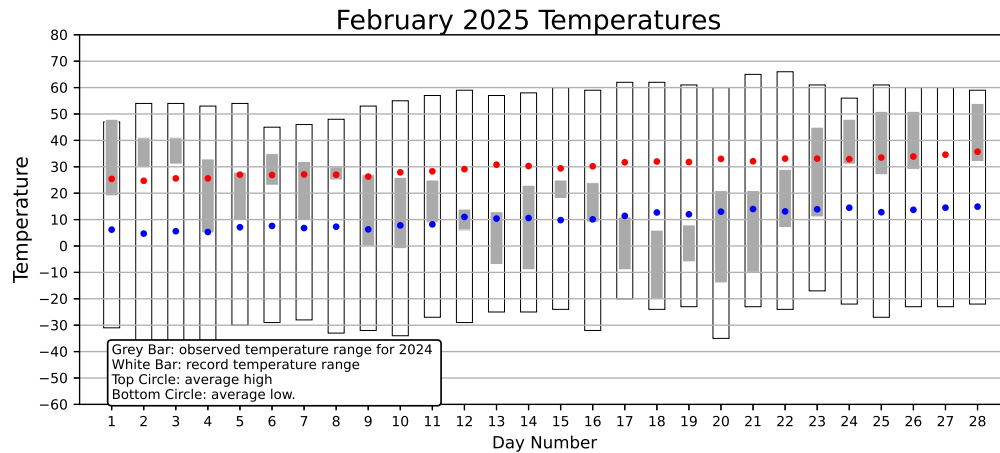


Figure 1: **Grey Bar:** Observed temperature range for 2025, **White Bar:** Record temperature range, **Red Circle:** average high, **Blue Circle:** average low.

Temperature (° F)	February 2025	Historical	Deviation
Average High	30.0	30.1	-0.1
Average Low	9.5	10.3	-0.8
Daily Average	19.7	20.2	-0.5

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

- FEBRUARY 2025
 - Record Temperatures : None
 - Average temperature : 19.7° F (0.5° F cooler than average)
 - Warmest temperature : 54° F on the 28th
 - Coldest temperature : -20° F on the 18th
 - Heating degree days: 1222.0, 27.7 less than average
- ALL FEBRUARIES SINCE 1894 (132 years)
 - Compared with February 2025, 66 Februaries were warmer and 65 Februaries were colder
 - Warmest average : 38.1° F in 2024
 - Coldest average : 3.8° F in 1936
 - Warmest temperature : 74° F on the 26th and 27th of 2025
 - Coldest temperature : -41° F on the 3rd of 1996

2. FEBRUARY 2025 PRECIPITATION

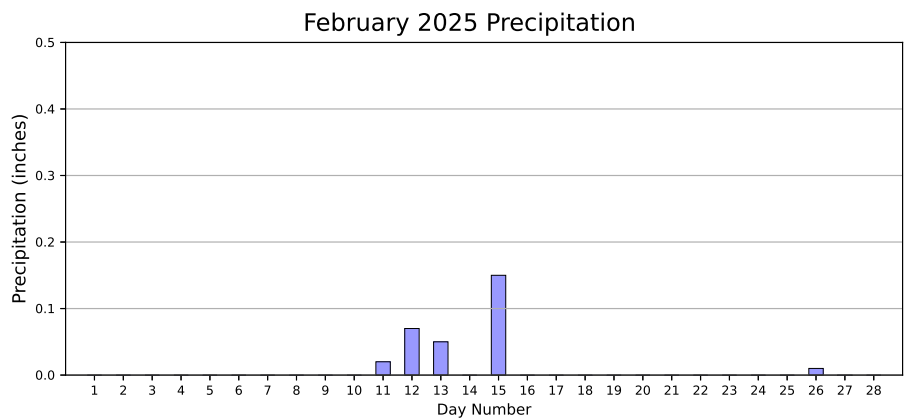


Figure 2: February precipitation for Decorah.

- FEBRUARY 2025
 - Total precipitation for February 2025 : 0.30 inches, 0.65 inches less than the average amount of 0.95 inches
 - Five days with measurable precipitation, the average is five days
 - Greatest 24-hour total: 0.15 inches on the 15th
 - Measurable snowfall total of 5.9 The average amount is 7.6 inches in 4 days.
 - Greatest 24-hour snowfall: 4.0 inches on the 15th
- ALL FEBRUARIES SINCE 1894 (131 years - no data for 1896)
 - Compared with February 2025, 113 Februaries were wetter, one was the same, and 17 were drier
 - Wettest February : 3.96 inches in 1915
 - Driest February : 0.00 inches in 1987
 - Snowiest February : 26.3 inches in 1962

3. TWELVE-MONTH TABULAR SUMMARY

Month	Year	Ave Temp (°F)	Deviation (°F)	Rank† (#/Total)	Precip (inches)	Deviation (inches)	Rank‡ (#/Total)
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
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

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.
- February of 2025 broke the string of 18 consecutive months with above average temperatures.
- February of 2025 is one of the six months in the last twelve with below average precipitation.
- Precipitation deviations from average (in inches), last 3 months : -1.31, last 6 months : -3.35, last 9 months : -3.86, last 12 months : +2.13

February 2025 arrived in Decorah with a sense of normalcy, a stark contrast to the record-breaking warmth of the previous year's February. This year, the month settled into a more typical winter rhythm, with average temperatures hovering just slightly below the historical average. While no records were shattered, the month offered a mix of winter's familiar elements: a few mild days, punctuated by the occasional frigid dip. The coldest temperature plunged to -20°F , a reminder of winter's lingering bite, but the warmest day reached a pleasant 54°F , showcasing the month's variability. Overall, February 2025 felt like a return to a more traditional winter month.

The precipitation story mirrored the temperature narrative: a return to near-average, albeit slightly drier conditions. February delivered 0.30 inches of precipitation, a bit shy of the historical average, and snowfall totaled 5.9 inches, also slightly below normal. While the month wasn't exceptionally dry, it certainly leaned towards the drier side, with most days offering only trace amounts of precipitation. The most significant snowfall occurred mid-month, with four inches falling on the 15th, a brief reminder of winter's potential.

Looking at the broader picture, February 2025 marked a shift in the prevailing weather patterns. After 18 consecutive months of above-average temperatures, February finally broke the streak, signaling a possible return to more typical seasonal variations. The overall precipitation for the last 12 months remains slightly above average, however, the last 3 months have been significantly dryer than average.