

Decorah Weather - February 2026 Summary

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

1. FEBRUARY 2026 TEMPERATURES

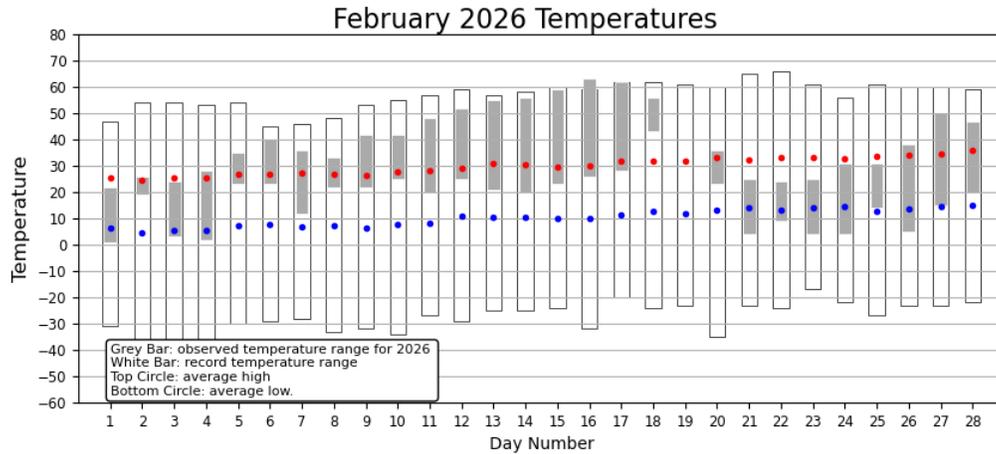


Figure 1: **Grey Bar:** Observed temperature range for 2026, **White Bar:** Record temperature range, **Red Circle:** average high, **Blue Circle:** average low.

Temperature (°F)	February 2026	Historical	Deviation
Average High	40.2	30.2	+10
Average Low	16.8	10.3	+6.8
Daily Average	28.6	20.3	+8.3

Table 1: February 2026 average temperatures compared to February averages.

- FEBRUARY 2026
 - Record Temperatures : Maximums: 63°F on the 16th (old record: 59°F in 1951), 62°F on the 17th (ties with 1981) Maximum minimum: 43°F on the 18th (ties with 1981)
 - Average temperature : 28.6°F (8.3°F warmer than average)
 - Warmest temperature : 63°F on the 16th
 - Coldest temperature : 1°F on the 1st
 - Heating degree days: 984.0, 236.7 less than average
- ALL FEBRUARIES SINCE 1894 (133 years)
 - Compared with February 2026, 13 Februaries were warmer and 119 Februaries were colder
 - The seven-day stretch from the 12th to the 18th is the warmest in recorded history for those days with an average temperature of 42.1°F.
 - The fifteen-day stretch from the 3rd to the 17th is the warmest in recorded history for those days with an average temperature of 32.3°F.
 - Warmest average : 38.1°F in 2024
 - Coldest average : 3.8°F in 1936
 - Warmest temperature : 74°F on the 26th and 27th of 2024
 - Coldest temperature : -41°F on the 3rd of 1996

2. FEBRUARY 2026 PRECIPITATION

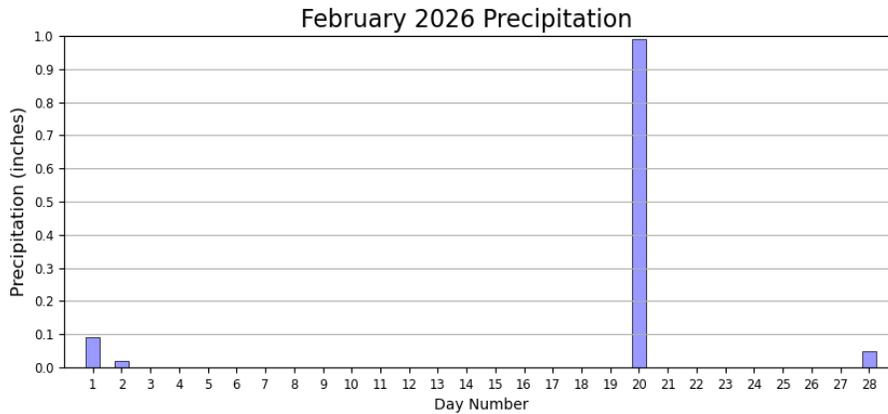


Figure 2: February precipitation for Decorah.

- FEBRUARY 2026
 - Total precipitation for February 2026 : 1.15 inches, 0.20 inches more than the average amount of 0.95 inches
 - Four days with measurable precipitation, the average is five days
 - Greatest 24-hour total: 0.99 inches on the 20th
 - Measurable snowfall total of 13.2in. The average amount is 7.6 inches in 4 days.
 - Greatest 24-hour snowfall: 9.5 inches on the 20th
- ALL FEBRUARIES SINCE 1894 (132 years - no data for 1896)
 - Compared with February 2026, 45 Februaries were wetter and 86 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	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
May	2025	59.7	+0.7	55/130	2.46	-1.79	107/130
June	2025	72.9	+4.6	8/131	6.26	+1.47	34/131
July	2025	75.2	+2.6	26/131	5.21	+1.13	35/132
August	2025	71.4	+1.0	41/133	13.61	+9.50	2/133
September	2025	67.1	+4.8	10/132	2.27	-1.39	86/132
October	2025	56.0	+5.6	9/132	2.31	-0.51	78/131
November	2025	39.5	+4.2	23/132	1.34	-0.50	84/133
December	2025	21.8	-0.2	70/133	0.73	-0.48	91/133
January	2026	16.9	+0.5	67/133	2.45	+1.40	9/132
February	2026	28.6	+8.3	14/133	1.15	+0.20	46/132

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 12 months were warmer than average.
- Seven of the last 12 months were wetter than average
- Precipitation deviations from average (in inches), last 3 months : +1.14, last 6 months : -1.29, last 9 months : +10.81, last 12 months : +12.95

Temperature Overview

February 2026 in Decorah was defined by a remarkable departure from winter norms, characterized by persistent and often record-breaking warmth for the first half of the month. The daily average temperature for the month settled at 28.6°F, a significant 8.3°F above the historical average. This made it the 14th warmest February in a record spanning 133 years. The month began with its coldest point, a low of 1°F on the 1st, but quickly shifted into unprecedented territory.

Specific stretches of the month set new historical benchmarks: the fifteen-day period from the 3rd to the 17th became the warmest such stretch on record with an average of 32.3°F, while the seven-day period from the 12th through the 18th also set a record for those specific dates with a daily average of 42.1°F. Notable daily records included a high of 63°F on the 16th, which surpassed the previous 1951 record, and a tie for the record high on the 17th at 62°F. This sustained mildness resulted in 984.0 heating degree days, which is 236.7 fewer than the typical requirement for February.

Precipitation and Snowfall

Despite the spring-like temperatures for portions on the month, February remained active in terms of moisture. Total precipitation reached 1.15 inches, which is 0.20 inches above the historical norm. While measurable precipitation occurred on only four days—one day fewer than average—the events were significant. A major winter storm on the 20th contributed the bulk of the month's moisture, dropping 0.99 inches of liquid water equivalent (9.5 inches of snow) in a single 24-hour period.

This moisture translated into a substantial monthly snowfall total of 13.2 inches, nearly doubling the historical monthly average of 7.6 inches. The storm on the 20th alone produced 9.5 inches of snow, marking the greatest 24-hour snowfall of the month. Historically, this February ranks as the 46th wettest in 132 years of record-keeping, balancing the unusual warmth with a significant layer of late-winter snow.

Twelve-Month Recap

Looking at the broader climatic context, February 2026 serves as an exclamation point on a remarkably warm 12-month period for Decorah. Eleven of the past twelve months have registered temperatures above the historical average. The only exception in this streak was December 2025, which saw a negligible deviation of -0.2°F. Precipitation patterns have also trended toward the surplus side, with seven of the last twelve months being wetter than average. The cumulative precipitation deviation for the past year stands at an impressive 12.95 inches above the norm, driven largely by the extreme rainfall events of the preceding summer and the consistent moisture seen in the early months of 2026.