

# Decorah Weather - December 2025

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

## 1. DECEMBER 2025 TEMPERATURES

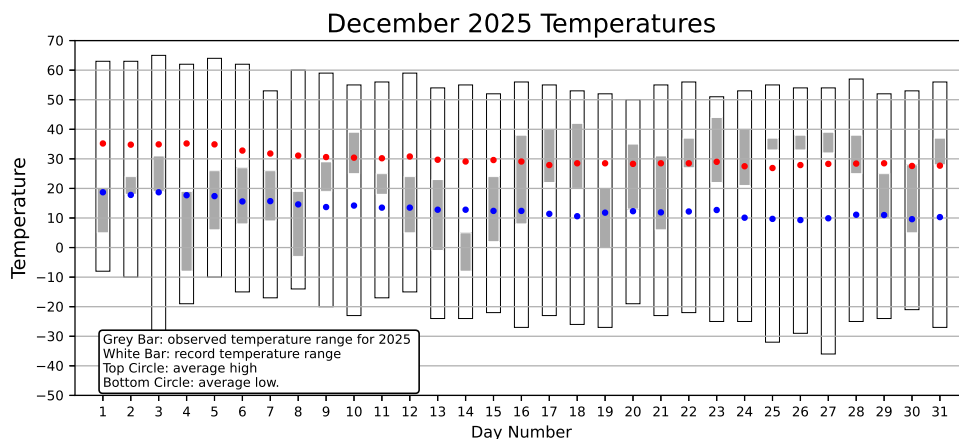


Figure 1: **Grey Bar:** Observed temperature range for 2025 , **Clear Bar:** Record temperature range, **Average temperature range:** Red circle for average high, blue circle for average low.

Temperature (° F)	December 2025	Historical	Deviation
Average High	30.0	30.4	-0.4
Average Low	13.5	13.5	0.0
Daily Average	21.8	22.0	-0.2

Table 1: December 2025 average temperatures compared to Historical averages.

- DECEMBER 2025
  - Record temperatures: none
  - Average temperature : 21.8° F, 0.2° F cooler than average
  - Warmest temperature : 44° F on the 23rd
  - Coldest temperature : -8° F on the 14th
  - Twenty-four hour maximum temperatures: 14 days above average, 15 days below average, and two days at the average.
  - Twenty-four hour minimum temperatures: 15 days above average, 15 days below average, and one day at the average.
  - Heating Degree Days : 1340.5, 9.7 more than the average of 1330.7
- ALL DECEMBERS SINCE 1893 (133 years)
  - Compared with December 2025, 69 Decembers were warmer and 63 were cooler.
  - Warmest average : 36.0° F in 2023
  - Coldest average : 8.5° F in 1983 and 1985
  - Warmest temperature : 69° F on the 15th of 2021
  - Coldest temperature : -36° F on the 27th of 1950

## 2. DECEMBER 2025 PRECIPITATION

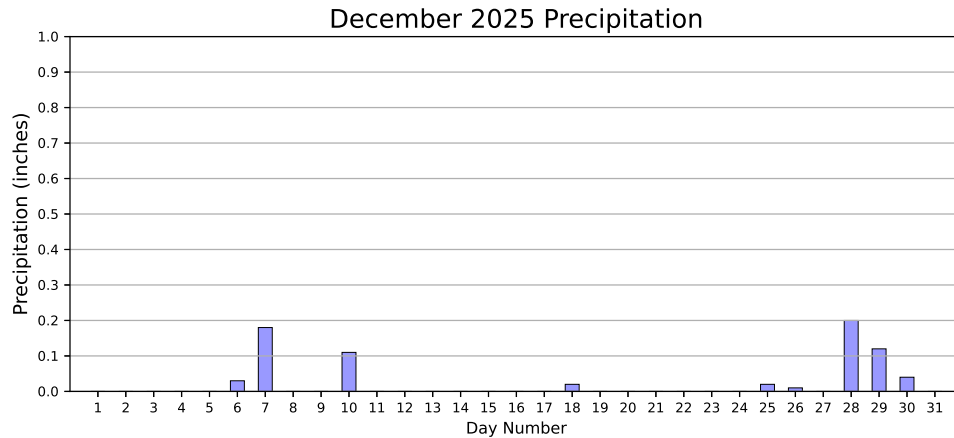


Figure 2: December precipitation for Decorah.

- DECEMBER 2025
  - Total precipitation for December 2025 : 0.73 inches, 0.48 inches less than the average of 1.21 inches
  - Greatest 24-hour total for December 2025 : 0.2 inches on the 28th.
  - Nine days with measurable precipitation, the average is five to six days
  - Total snowfall for December 2025 : 7.2 inches, 1.4 inches less than the average of 8.6 inches
  - Five days with measurable snowfall, the average is four or five days
- ALL DECEMBERS SINCE 1893 (133 years)
  - Compared to December 2025, 89 Decembers were wetter, one was the same, and 42 were drier
  - Wettest December : 4.78 inches in 2015
  - Driest December : 0.10 inches in 1998

### 3. | | |-----------------------| | DECEMBER 2025 SUMMARY | |-----------------------|

December 2025 in Decorah was characterized by remarkably typical winter temperatures and a notable moisture deficit. While the month saw frequent minor precipitation events, the total accumulation of both rain and snow fell short of historical averages.

#### **Temperature: A Month of Averages**

The thermal profile for December was almost perfectly aligned with historical norms. The daily average temperature was 21.8°F, representing a negligible deviation of only -0.2°F from the long-term average.

**Daily Ranges:** The average high reached 30.0°F (-0.4°F deviation), while the average low sat exactly at the historical mark of 13.5°F.

**Extremes:** Residents experienced a brief mid-month deep freeze, with the mercury dropping to a monthly low of -8°F on the 14th. Conversely, the month's warmest day occurred on the 23rd, reaching a high of 44°F.

**Consistency:** The month was evenly split in terms of daily fluctuations; 15 days saw below-average lows, while 15 days remained above average, illustrating a balanced month without prolonged periods of extreme heat or cold.

#### **Precipitation and Snowfall: Frequent but Light**

Despite having more days of measurable precipitation than usual, December was a relatively dry month for Decorah.

**Total Precipitation:** The month recorded 0.73 inches of liquid-equivalent precipitation, which is 0.48 inches below the average of 1.21 inches.

**Frequency:** Interestingly, measurable precipitation fell on nine days—well above the typical five to six days—indicating that while moisture was frequent, it was consistently light. The greatest 24-hour total was only 0.2 inches on the 28th.

**Snowfall:** Total snowfall reached 7.2 inches, falling 1.4 inches short of the average (8.6 inches). Snow fell on five days, which aligns closely with the typical December frequency.

**Historical Perspective** Looking back through 133 years of records since 1893, December 2025 stands as a middle-of-the-road month. It ranks as the 69th warmest December, placing it almost exactly in the median of the historical data. It was significantly more moderate than the record warm December of 2023 (36.0°F) or the record cold of 1983/1985 (8.5°F). In terms of moisture, 89 Decembers have been wetter, while only 42 have been drier.