Decorah Weather - June 2025 Summary

by Richard Bernatz

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

1. June 2025 Temperatures

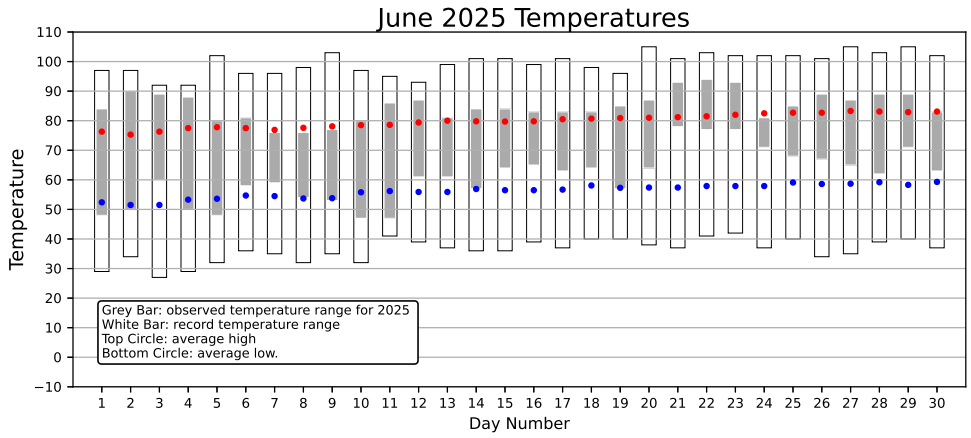

Figure 1: **Grey Bar**: Observed temperature range for 2025, **White Bar**: Record temperature range, **Circles**: Average temperature range, red circle for average high, blue circle for average low.

Temperature (° F)	June 2025	Historical	Deviation
Average High	84.9	80.2	+4.7
Average Low	61.0	56.5	+4.5
Daily Average	72.9	68.3	+4.6

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

- June 2025
  - Record Temperatures: Warmest 24-hour minimums: 78° F on the 21st (old record was 72° F in 2022), 77° F on the 22nd (old record was 73° F in 1988), and 77° F on the 23rd (old record was 71° F in 2002)
  - Average temperature : 72.9° F (4.6° F warmer than average)
  - Warmest temperature : 94° F on the 22nd
  - Coldest temperature : 41° F on the 10th and 11th
  - Cooling degree days : 199.0, 55.0 more than the average of 144.0
- All Junes Since 1894 (131 years, data for 1909 is missing)
  - Compared with June 2025, 7 Junes were warmer, and 123 Junes were cooler
  - Warmest average : 77.5° F in 1921
  - Coldest average : 61.5° F in 1926
  - Warmest temperature : 105° F on the 20th of 1911 and on the 29th of 1910
  - Coldest temperature : 27° F on the 3rd of 1946

2. JUNE 2025 PRECIPITATION

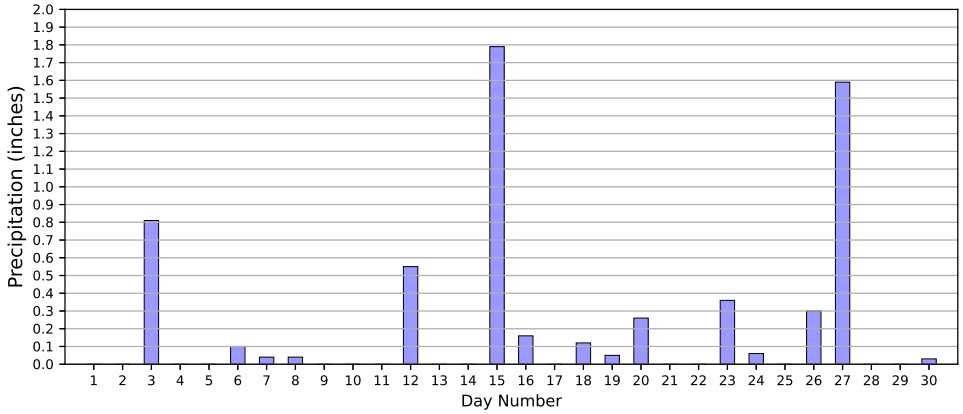

Figure 2: June precipitation for Decorah.

- JUNE 2025
  - Total precipitation for June 2025: 6.26 inches, 1.47 inches more than the average precipitation of 4.78 inches
  - Fifteen days with measurable precipitation, the average is between 10 and 11 days
  - Greatest 24-hour total : 1.79 inches on the 15th.
- ALL JUNES: 1894 - 2025 (131 years, data missing for 1909)
  - Compared with June 2025, 33 Junes were wetter and 97 Junes were drier
  - Wettest June: 14.10 inches in 2008
  - Driest June : 0.05 inches in 1910

3. TWELVE-MONTH SUMMARY

Month	Year	Ave Temp (^{o}F)	Deviation (^{o}F)	Rank† (#/Total)	Precip (inches)	Deviation (inches)	Rank‡ (#/Total)
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
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

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 last twelve months were warmer than average.
- Seven of the last twelve months were drier than average. However, three of the last four months were wetter than average.
- Precipitation deviations. last 3 months: +2.45 inches, last 6 months: +1.99 inches, last 9 months: +3.56, last 12 months: -2.85 inches

4. June Narrative Summary

June 2025 was a decidedly warm month to Decorah, continuing the trend of above-average temperatures observed for much of the past year. The average temperature for June settled at 72.9°F, a significant 4.6°F warmer than the historical average. This placed June 2025 among the top ten warmest Junes on record, ranking as the eighth warmest since 1894. The warmth was particularly pronounced in the overnight lows, with three consecutive days—the 21st, 22nd, and 23rd—setting new record warmest 24-hour minimums. While the month saw a peak temperature of 94°F on the 22nd, the coldest mornings dipped to 41°F on the 10th and 11th. The consistent warmth led to a notable increase in cooling degree days, indicating a greater demand for air conditioning.

In terms of precipitation, June 2025 was a wetter-than-average month for Decorah. A total of 6.26 inches of rain fell, exceeding the historical average by 1.47 inches. This precipitation was spread across fifteen days, a higher frequency than the typical ten to eleven days with measurable rainfall. The most substantial downpour occurred on the 15th, bringing 1.79 inches in a 24-hour period.

Looking back at the past twelve months, the trend of warmth remains a dominant feature, with eleven out of the last twelve months experiencing above-average temperatures. Remarkably, four of the past twelve months rank in the top ten warmest for their respective monthly histories.

Precipitation-wise, while seven of the past twelve months were technically drier than average, with January and September ranking the driest and second driest in their respective histories, a closer look reveals a recent shift. Three of the last four months have seen above-average precipitation, suggesting a possible transition to a wetter pattern following some drier periods. The precipitation deviations over the past year show a slight deficit overall, but the recent trend in the last few months points towards more moisture.