Decorah Weather - November 2023 Summary

by Richard Bernatz

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

1. NOVEMBER 2023 TEMPERATURES

Temperature (° F)	November 2023	Historical	Deviation
Average High	51.3	44.5	+6.8
Average Low	28.6	26.0	+2.6
Daily Average	40.0	35.3	+4.7

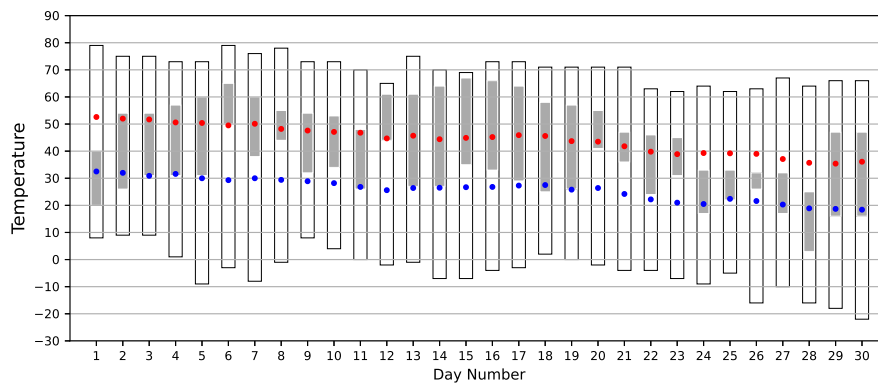Table 1: November 2023 average temperatures compared to historical averages.

Figure 1: **Grey Bar**: Observed temperature range for 2023, **White Bar**: Record temperature range, **Average temperature range**: Top (red) circle for average high, lower (blue) circle for average low.

- NOVEMBER 2023
  - Record Temperatures: none
  - Twenty-three days with an above average maximum temperature
  - Average temperature: 40.0° F (4.7° F warmer than average)
  - Warmest temperature: 67° F on the 15th.
  - Coldest temperature: 3° F on the 28th.
  - Heating degree days: 751.0 (138.2 less than the average of 889.2)
- ALL NOVEMBERS SINCE 1893 (131 Years)
  - Compared with November 2023, 18 Novembers were warmer, 112 were cooler
  - Warmest average: 48.08° F in 2001
  - Coldest average: 26.55° F in 1959
  - Warmest temperature: 79° F on the 1st of 1933 and the 6th of 1893
  - Coldest temperature: -22° F on the 30th of 1947

2. ┌─────────────────────────────┐
   │ NOVEMBER 2023 PRECIPITATION │
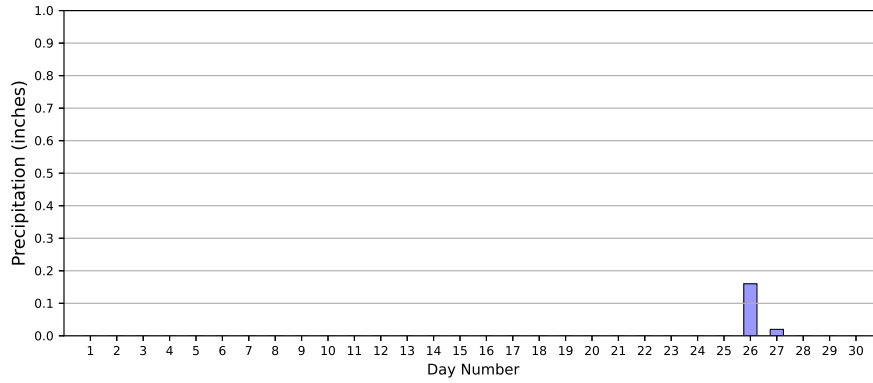   └─────────────────────────────┘

Figure 2: Precipitation for Decorah.

- NOVEMBER 2023
  - Total precipitation for November 2023: 0.18 inches
  - 1.65 inches less than the average of 1.83 inches
  - Two days with measurable precipitation. The average is seven days.
  - Greatest 24-hour precipitation total: 0.16 inches on the 26th
  - Snowfall total of 1.1 inches with two days of measurable snowfall, the 26th and 27th.
  - Average snowfall for the month is 3.3 inches. The average number of days with measurable snowfall is two days.
- ALL NOVEMBERS SINCE 1893 (131 years)
  - Compared with November 2023, 127 Novembers were wetter and 3 Novembers were drier
  - Wettest November: 7.11 inches in 1909
  - Driest November: 0.04 inches in 1976

3. ┌──────────────────────┐
   │ TWELVE-MONTH RECAP   │
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Month	Year	Ave Temp (^{o}F)	Deviation (^{o}F)	Rank† (#/Total)	Precip (inches)	Deviation (inches)	Rank‡ (#/Total)
December	2022	21.8	+0.5	64/130	1.81	+0.60	27/130
January	2023	24.4	+8.1	11/130	2.17	+1.12	12/130
February	2023	26.6	+6.5	21/113	2.00	+1.04	9/129
March	2023	36.2	+3.4	36/131	1.89	-0.11	70/131
April	2023	50.5	+3.2	23/130	2.84	-0.26	66/130
May	2023	63.0	+4.1	17/128	4.19	-0.04	58/127
June	2023	71.1	+2.8	22/129	2.36	-2.39	109/129
July	2023	72.5	-0.1	63/129	3.32	-0.76	69/130
August	2023	74.9	+4.5	11/131	0.91	-3.14	125/131
September	2023	69.3	+7.0	1/130	5.54	+1.84	26/130
October	2023	54.3	+4.0	19/130	2.78	+0.45	46/130
November	2023	40.0	+4.7	19/131	0.18	-1.65	128/131

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 12 months were warmer than average.
- Seven of the last 12 months were drier than average.
- Precipitation deviations (in inches). Last three months: +0.63, last six months: -5.67, last nine months: -6.10, last twelve months: -3.34