

# Decorah Weather - October 2008 Summary

by Richard Bernatz

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

## 1. OCTOBER 2008 TEMPERATURES

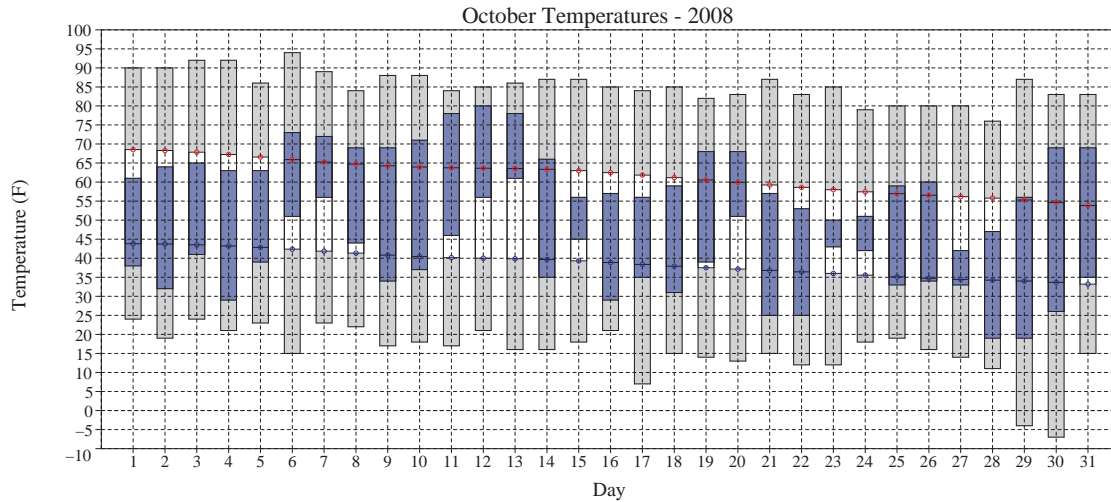


Figure 1: Observed temperatures - solid bar, record temperatures - blank bar, average temperatures - circles.

Temperature ( ° F )	October 2008	Historical	Deviation
Average High	62.9	61.8	+1.1
Average Low	37.5	38.7	-1.2
Daily Average	50.2	50.3	-0.1

Table 1: October 2008 Temperatures compared with October History.

- OCTOBER 2008
  - No record temperatures
  - Average temperature : 50.2° F (0.1° F cooler than average)
  - Warmest temperature : 80° F on the 12th.
  - Coldest temperature : 19° F on the 28th and 29th.
- ALL OCTOBERS SINCE 1893 (Data for 1901, 1906, 1926, and 1930 are missing)
  - Compared with October 2008, 59 were warmer, 52 were cooler
  - Warmest average : 60.2° F in 1963
  - Coldest average : 37.8° F in 1925
  - Warmest temperature : 94° F on the 6th of 1963
  - Coldest temperature : -7° F on the 30th of 1925

## 2. OCTOBER 2008 PRECIPITATION

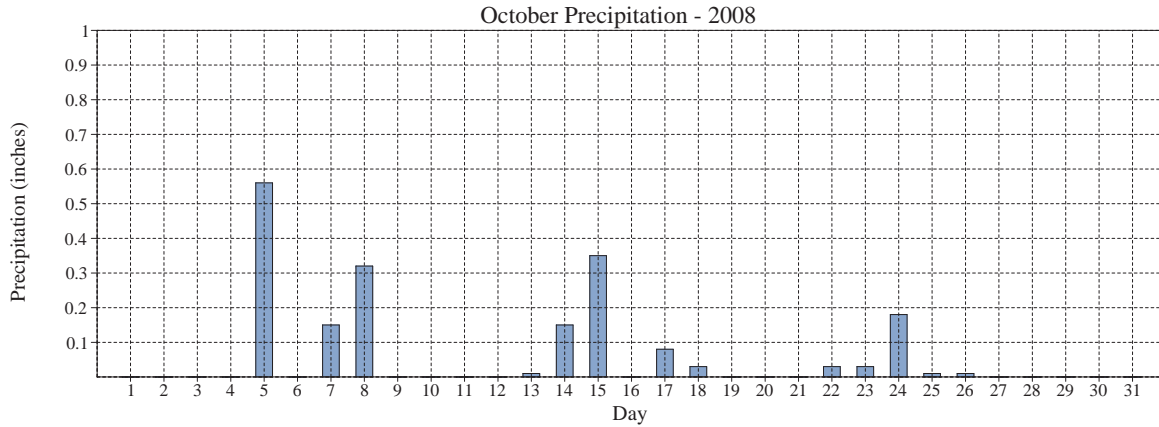


Figure 2: October precipitation for Decorah.

- OCTOBER 2008
  - Total precipitation for October 2008 : 1.91 inches
  - 0.32 inches less than the average of 2.23 inches
  - 13 days with measurable precipitation
  - Maximum 24-hour total: 0.56 inches on the 5th
- ALL OCTOBERS SINCE 1893 (Data for 1898, 1901, and 1930 are missing)
  - Compared with October 2008, 61 Octobers were wetter, 51 Octobers were drier
  - Wettest October : 5.27 inches in 1911
  - Driest October : 0.00 inches in 1895

## 3. TWELVE-MONTH SUMMARY

Month	Year	Ave Temp (°F)	Deviation (°F)	Precip (inches)	Deviation (inches)
November	2007	35.4	+0.8	0.05	-1.77
December	2007	19.3	-2.1	1.46	+0.33
January	2008	14.7	-1.4	0.82	-0.22
February	2008	15.3	-4.6	1.05	+0.11
March	2008	30.6	-1.7	1.47	-0.42
April	2008	46.8	-0.4	8.74	+5.71
May	2008	56.2	-2.5	3.20	-0.95
June	2008	67.3	-0.6	14.10	+9.54
July	2008	72.2	-0.3	3.22	-0.85
August	2008	69.1	-1.2	2.37	-1.60
September	2008	63.3	+1.3	1.81	-1.84
October	2008	50.2	-0.1	1.91	-0.32

Table 2: A summary of the most recent twelve months.

- Ten of the past 12 months have been cooler than average.
- Eight of the past 12 months were drier than average.
- Decorah has a precipitation surplus of 7.72 inches over the last twelve months.