

# Decorah Weather - May 2009 Summary

by Richard Bernatz

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

## 1. MAY 2009 TEMPERATURES

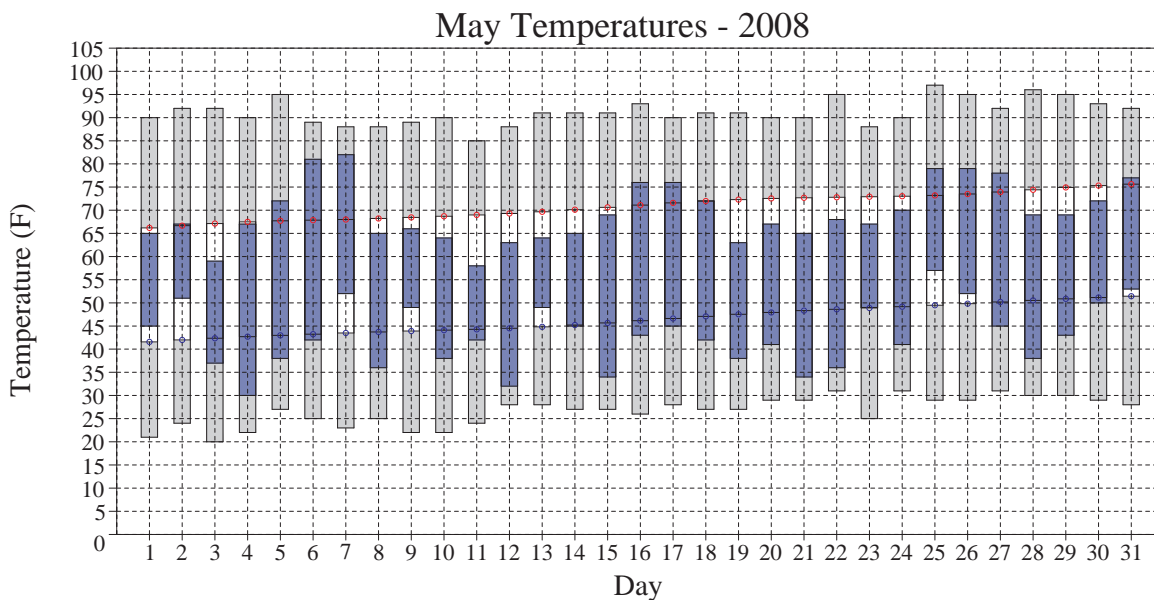


Figure 1: **Blue Bar:** Observed temperature range for 2009, **Grey Bar:** Record temperature range, **White Bar:** Average temperature range, red circle for average high, blue circle for average low.

Temperature (° F)	May 2009	Historical	Deviation
Average High	70.3	70.9	-0.6
Average Low	46.3	46.4	-0.1
Daily Average	58.3	58.7	-0.3

Table 1: May 2009 average temperatures compared to May averages.

- MAY 2009
  - Record Temperatures : none
  - Heating degree days : 232, 2.3 less than average
  - Average temperature : 58.3° F (0.3° F cooler than average)
  - Warmest temperature : 88° F on the 20th
  - Coldest temperature : 29° F on the 17th
- ALL MAYS: 1895-2009 (missing data for 1921)
  - Compared with May 2009, 62 Mays were warmer, 51 were cooler
  - Warmest average : 66.5° F in 1977
  - Coldest average : 48.7° F in 1924
  - Warmest temperature : 97° F on the 25th of 1911
  - Coldest temperature : 20° F on the 3rd of 1908 and the 3rd of 2005

## 2. MAY 2009 PRECIPITATION

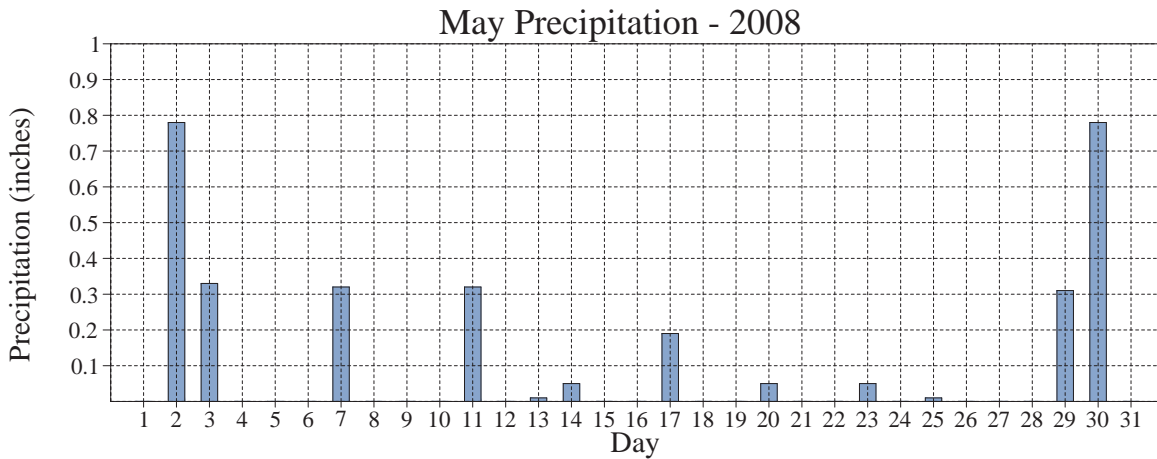


Figure 2: May 2009 precipitation for Decorah.

- MAY 2009
  - Total precipitation for May 2009 : 4.70 inches, 0.55 inches more than the average precipitation of 4.15 inches
  - Thirteen days with measurable precipitation - average number is eleven days
  - Greatest 24-hour total : 0.97 inches on the 27th
  - No snowfall in May 2009
- ALL MAYS: 1895 - 2009 (data missing for 1921)
  - Compared with May 2009, 35 Mays were wetter, and 78 Mays were drier
  - Wettest May : 12.18 inches in 1941
  - Driest May : 0.79 inches in 1897

## 3. TWELVE-MONTH SUMMARY

Month	Year	Ave Temp (°F)	Deviation (°F)	Precip (inches)	Deviation (inches)
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
November	2008	36.7	+1.8	1.98	+0.16
December	2008	15.0	-6.4	1.63	+0.50
January	2009	8.8	-7.3	0.59	-0.45
February	2009	23.6	+3.4	0.95	+0.01
March	2009	36.4	+4.1	1.45	-0.44
April	2009	47.2	0.0	4.37	+1.33
May	2009	58.3	0.3	4.70	+0.55

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

- Decorah has a precipitation surplus of 6.59 inches over the last twelve months.
- Excluding June of 2008, Decorah has a precipitation deficit of 2.95 inches over the last eleven months.