

IOWA MONTHLY WEATHER SUMMARY – JUNE 2012

General Summary. Temperatures averaged 71.5° or 1.8° above normal while precipitation totaled 2.89 inches or 2.13 inches less than normal. This ranks as the 30th warmest and 17th driest June among 140 years of records. A warmer June was last recorded in 2005 and a drier one in 2006.

Temperatures. June began with unseasonably cool weather with morning lows mostly in the 40s on the 1st and daytime highs in the 60s. Atlantic recorded a low of 37° on the 1st, the lowest June reading in Iowa in nine years. However, below normal temperatures were recorded on only 8 of the remaining 29 days of the month. There were many days with high temperatures in the low to mid 90s but the really hot weather did not arrive until the 27th. Daily statewide maximum temperatures reached 101° at Des Moines, Little Sioux and Sioux Center on the 27th; 104° at Keokuk on the 28th; 102° at Keokuk and Keosauqua on the 29th and 98° at Keokuk on the 30th. Keokuk's 104 degree reading was the highest recorded in Iowa during June since 1988. Official heat indices peaked at 112° at Burlington, Davenport and Iowa City on the 28th.

Cooling Degree Day Totals. Home air conditioning requirements, as estimated by cooling degree day totals, averaged 34% greater than last June and 33% more than normal. Degree day totals so far this year are running 53% more than last year at this time and 60% above normal.

Precipitation. Dry weather became more widespread during June with a relative few west central, southwest and far southeast Iowa locations recording above normal rainfall. Rain totals varied from 0.36 inches at Sibley to 7.05 inches at Underwood. Record low totals for the month of June were established at several locations:

City	June 2012	Old Record	Period of Record
Sibley	0.36 inches	0.96 in 1888	113 years
Orange City	0.37	0.56 in 1921	106 years
Rock Rapids	0.47	0.78 in 1912	113 years
Sheldon	0.47	0.88 in 2004	100 years
Sanborn	0.53	0.87 in 1933	100 years
Hawarden	0.59	0.83 in 1987	86 years

Very dry weather also became the rule over parts of northeast Iowa where Guttenberg recorded their second driest June with 0.95 inches of rain.

Severe Weather. June, along with May, is typically the most active month of the year for severe weather in Iowa. However, it was a very quiet month this year with no tornadoes reported in the state for the first time since 1988. The most widespread severe event of the month came on the afternoon and evening of the 27th when high winds were reported over a wide area from near Des Moines east-northeastward to the Anamosa area.

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