

## IOWA WEATHER SUMMARY – NOVEMBER 2004

General Summary. November temperatures averaged 40.5° or 4.9° above normal while precipitation totaled 2.22 inches or 0.08 inches more than normal. This ranks as the 23<sup>rd</sup> warmest and 32<sup>nd</sup> wettest November among 132 years of state records.

Temperatures. Mild weather was the rule for much of November as below normal temperatures were confined to only 9 days and never prevailed for more than 3 consecutive days. Daily temperatures averaged more than 10° above normal on the 6<sup>th</sup>, 10<sup>th</sup> and 16<sup>th</sup>-19<sup>th</sup> while there were no days averaging more than 5° below normal. Temperature extremes ranged from highs of 80° at Glenwood and Sioux City on the 6<sup>th</sup> to morning lows of 7° at Northwood, Onawa and Sioux City on the 30<sup>th</sup>.

Heating Degree Day Totals. Home heating requirements, as estimated by heating degree day totals, averaged 17% less than normal and 16% less than last November. Degree day totals so far this heating season (since July 1) are running 16% less than normal and 12% less than a year ago.

Precipitation. November got off to a wet start with rain statewide on the 1<sup>st</sup> with heaviest rains falling in west central Iowa where 2.53 inches was recorded at Sac City. Rain events on the 18<sup>th</sup>-19<sup>th</sup> and 26<sup>th</sup>-27<sup>th</sup> accounted for most of the remainder of the month's precipitation. The season's first accumulating snow fell across extreme southeastern Iowa on the 24<sup>th</sup> where Keokuk picked up 4.0 inches. Snowfall amounts of 1 to 2 inches were common across north central Iowa on the 27<sup>th</sup> and over the southern one-half of the state on the 28<sup>th</sup>-29<sup>th</sup>. Monthly precipitation totals vary from 0.98 inches at Sidney to over 4.42 inches at Little Sioux. November snowfall totals ranged from none at Rock Valley to 5.5 inches at Donnellson. The statewide average snowfall was 0.9 inches or 2.6 inches less than normal. This ranks as the 29<sup>th</sup> lowest November snow total among 118 years of state records.

Fall Summary. Temperatures over the three fall months averaged 53.0° or 3.2° above normal while precipitation totaled 7.05 inches or 1.02 inches below normal. This ranks as the 22<sup>nd</sup> warmest and 62<sup>nd</sup> driest autumn among 132 years of state records.

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