

## IOWA MONTHLY WEATHER SUMMARY – JUNE 2005

General Summary. June temperatures averaged 72.9° or 3.1° above normal while precipitation averaged 5.36 inches or 0.72 inches above normal. This ranks as the 16<sup>th</sup> warmest and 44<sup>th</sup> wettest June among 133 years of state records. This was also the warmest June since 1991 and wettest since 2000.

Temperatures. June was a consistently warm month. Only five days (14<sup>th</sup>-18<sup>th</sup>) averaged cooler than normal yet only two days averaged more than 10° warmer than normal (7<sup>th</sup> and 23<sup>rd</sup>). Temperature extremes ranged from a low of 40° at Leon on the 2<sup>nd</sup> to a high of 99° at Sioux City on the 23<sup>rd</sup>. Sioux City's 99° reading was the highest temperature recorded in the state since Keokuk and Osceola reached 103° on August 26, 2003. The June heat was in major contrast to the exceptionally mild weather Iowa experienced last summer. At Iowa City Airport there were 13 days in June 2005 with temperatures of 90° or higher while last summer they recorded only two days of 90° heat all summer.

Cooling Degree Day Totals. Home air conditioning requirements, as estimated by cooling degree day totals, averaged 211% greater than last June and 34% greater than normal. Thus far this year the cooling degree day totals are running 47% greater than last year at this time and 9% more than normal.

Precipitation. Rainfall, as was also the case in April and May, was heaviest in northern and western Iowa and least in the southeast. Precipitation was fairly evenly distributed through the month with the exception of the 24<sup>th</sup>-26<sup>th</sup> when torrential rain fell across portions of northern Iowa. Heaviest rains from these late month storms fell from southern Buena Vista to northern Franklin County with the highest official rain total of 8.15 inches reported at Fort Dodge. Monthly precipitation totals varied from 0.78 inches at De Witt to 11.31 inches at Conrad.

Severe Weather. June was a fairly quiet month for severe weather. There were two widespread severe weather outbreaks. On the 4<sup>th</sup> severe weather was reported from 32 counties, mostly in the southeast half of the state with hail to near softball size reported in Ringgold County. The other large outbreak came on the 29<sup>th</sup> when high winds were reported from 38 counties, generally in a diagonal band from southwest, through central and into northeast Iowa.

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