

## WESTERN KANSAS WEATHER MODIFICATION PROGRAM

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### WEEKLY NEWSLETTER

No. 2014-14

For the period July 12 – July 18, 2014

**General Interest:** In the NOAA's June issue of the State of the Climate report, June was the sixth wettest June on record for the contiguous United States. Eight states recorded one of their 10 wettest Junes on record with Kansas recording the fourth wettest June on record since 1895. Interestingly, May was the sixth driest of any May in Kansas going back to 1895. The precipitation deficit in May was so drastic that Kansas ranked first of any state for the lowest percent of normal precipitation for the month.

Source: NOAA National Overview – June 2014

**Weather:** The week started out with showers and storms forming over western Kansas Saturday afternoon. Heavy rainfall and prolific lightning occurred with these storms with a few instances of brief small hail. A mass of showers and thunderstorms then moved east into western Kansas Saturday night with the passage of a cool front. Cooler temperatures along with mostly sunny skies prevailed Sunday afternoon and evening while a few sprinkles occurred Sunday night. By Monday, a surface trough lay across western Kansas. Strong to severe storms broke out across Hamilton County heading south during the early afternoon. One particular storm grew severe with 1.75 inch hail reported northwest of Syracuse at 12:42 p.m. By Tuesday early morning, scattered showers were found traveling southeast through western Kansas followed by cloudy skies and unseasonably cool daytime highs across the region Tuesday afternoon. A broad area of thundershowers formed overnight Tuesday and persisted for most of the night. Unseasonably cool, rainy and misty conditions prevailed Wednesday and Thursday across a large portion of Kansas. A return to normal temperatures occurred Friday. Late evening storms were also located across portions of eastern Colorado and northwestern Kansas, some of which were severe. The northwestern Kansas storm mass moved into west-central and southwestern Kansas after sunset and weakened

**Operations:** There were no operational days this week.

**Walter Geiger, Meteorologist**  
**Western Kansas Weather Modification Program**