

WESTERN KANSAS WEATHER MODIFICATION PROGRAM

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WEEKLY NEWSLETTER

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For the period August 27 – September 2, 2016

General Interest: County rainfall averages for August

County precipitation averages for the month of August indicate a surplus for both counties. The first half of the month was fairly dry while the second half was characterized by cooler temperatures, humid and episodes of light to heavy rainfall within a nearly tropical atmosphere. Rain reports from the Community Collaborative Rain, Hail and Snow Network (CoCoRaHS), www.cocorahs.org, indicate the highest 2016 August county precipitation average was in Scott County with 3.75 inches or 43% above normal for Scott. Lane County recorded 2.95 inches or 8% above normal. It is likely, however, that Lane averaged much more than indicated as the August observed precipitation data from Advanced Hydrologic Prediction Service indicated a large portion of Lane received at least 4.00 inches with some locations showing as high as 6.00 inches. Therefore, it would seem the relatively few rain gauges within the county were simply positioned just outside or perhaps on the periphery of the heavy rain tracks.

A relatively low chance for showers and storms will persist through this week but significant precipitation accumulation looks to be low according to the latest 7-day precipitation outlook valid September 5 – 12. Precipitation totals of perhaps up to 0.40 inches are possible along the CO/KS border through September 7 while other locations are forecast to receive a maximum of only 0.10 inches. Daytime high temperatures are expected to reside around 90 -93 during the first half of the week which is roughly 5 degrees above the normal daytime high for this time of year.

Weather: Periods of rainstorms with some thunder occurred during most of the first half of the week. These conditions were the result of a series of upper level small disturbances interacting with a tropical atmosphere. The last two days of the week humid but dry.

Operations: There were no operational days this week.

Walter Geiger, Meteorologist
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