

WESTERN KANSAS WEATHER MODIFICATION PROGRAM

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WEEKLY NEWSLETTER

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For the period July 13 – July 19, 2013

General Interest: For most areas across western Kansas, July has been exceedingly dry. However, there have been a few locations where very significant rain has fallen. These “wet spots” are located primarily in west-central and southwest Kansas. For western Kansas, it appears the areas with the most precipitation thus far in July are southwestern Scott, eastern Lane, north-central Hamilton and northeastern Stanton. In these areas, month-to-date precipitation ranges from 1 inch to as high as 3.99 inches above normal according to a map produced by the Advanced Hydrologic Prediction Service. Significant dry conditions still persist outside of these locations with the driest areas in western Kansas being Sherman, Finney, Gray, Haskell, Hodgeman, and Ford counties with July precipitation to date ranging from 75% to nearly 100% below normal. Perhaps even more interesting, there is a small portion of western Kansas where the yearly precipitation total is above normal. A small area of 10% to as high as 25% above normal yearly precipitation-to-date is found along a southwest to northeast line extending from near Dry Lake in southeastern Scott County up to just south of Trego Center in Trego County. Another small spot just south of Modoc in Scott County shows 25% above normal precipitation since January 1st. Near Dry Lake in Scott County, the precipitation map indicates a range of 15 to 20 inches of rain has fallen there. The same can be said for an area just north of Alamota in Lane County. These two areas have recorded the most precipitation for the year-to-date of any location west of a Coldwater to Phillipsburg, Kansas line. While this is good news for those locations, the fact remains that around 80% of western Kansas is still plagued with only 25% to 75% of normal year-to-date precipitation.

Source:

NWS Advanced Hydrologic Prediction Service: water.weather.gov/precip/

Weather: Below seasonal temperatures and mostly cloudy skies occurred during the first half of the week. Also, scattered showers and even a few weak thunderstorms occurred from Sunday through Wednesday over portions of western Kansas. Temperatures climbed back into the middle 90's to near 100 for the second half of the week.

Operations: There were no operations this week. However, one observation flight was conducted on July 19th.

Walter Geiger, Meteorologist
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