

**WESTERN KANSAS WEATHER MODIFICATION PROGRAM**

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**WEEKLY NEWSLETTER**

**No. 2016-02**

**For the period April 25 – April 29, 2016**

**General Interest:** County rainfall averages for April

County precipitation averages for April were well above normal for both target area counties. It should be noted that the rains occurred during the second half of the month thus ending a very significant dry winter and early spring. Precipitation averages were near normal in April of last year while a strong moisture deficit occurred during April of 2014. The rains are certainly coming on at the right time with good subsoil penetration noted. The one drawback to this weather pattern, although very minor, has been the lack of sunshine as we have only had roughly four or five days of quality sunshine over the past two weeks.

Precipitation reports from the Community Collaborative Rain, Hail and Snow Network (CoCoRaHS), [www.cocorahs.org](http://www.cocorahs.org), indicate the highest 2016 April target area county precipitation average was in Scott County with 7.26 inches or 427% above normal for Scott. This equates to slightly more than one third of the total precipitation expected for Scott over the course of an entire year. The reports for Lane were unavailable but the observed precipitation estimate for the month for Lane was roughly 5.50 inches according to the Advanced Hydrologic Prediction Service. Given this estimate of 5.50 inches, Lane also ran a health surplus of 364% of normal precipitation.

**Weather:** The week started out with the continuation of a cool and rainy period which started the week before. Another strong cold front pushed through Thursday followed by significant rain again falling across the region Thursday night and Friday.

**Operations:** There were no operations this week.

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