

WESTERN KANSAS WEATHER MODIFICATION PROGRAM

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WEEKLY NEWSLETTER

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For the period August 2 – August 8, 2014

General Interest: County rainfall averages for July

County precipitation averages for July were a mixed bag across the target area. However, significant rainfall has continued to accumulate since June across most of western Kansas allowing for an easing of the drought. July of 2013 was similar with some counties showing a surplus and others a deficit. Rain reports from the Community Collaborative Rain, Hail and Snow Network (CoCoRaHS), www.cocorahs.org, indicate the highest 2014 July county precipitation average was in Kearny County with 4.28 inches or 60% above normal for Kearny. Following Kearny, Scott County reported 3.39 inches (6% above normal for Scott), and Lane County with 2.47 inches or 24% below normal. The county with the highest average rainfall in Kansas was Hamilton where 5.30 inches or 102% above normal for Hamilton. Additionally, southwest Kansas received the most rainfall of any other quadrant in Kansas.

Weather: The week started out warm and mostly sunny Saturday through Monday. A few showers with occasional thunder occurred Monday night primarily over northwest and west-central Kansas. Tranquil but hot conditions prevailed through Thursday afternoon. A few severe storms rolled through western Kansas Thursday night primarily riding along strong gust fronts with severe surface winds. Calm conditions were noted on Friday.

Operations: There was one operational day this week.

August 7th, Program Operations Day # 14

Two aircraft were launched at 7:51 p.m. to investigate a line of storm marching out of Colorado. The aircraft patrolled a section of the storm line over Greeley and Wichita counties where surface winds in excess of 70 mph. Seeding for hail suppression began at 9:10 7-miles south of Modoc. Seeding continued through 9:25 on spotty areas over western and northern Scott County. The line transitioned into a heavy rain and wind event by 9:50 with the planes turning for base at 10:00.

Walter Geiger, Meteorologist
Western Kansas Weather Modification Program