

WESTERN KANSAS WEATHER MODIFICATION PROGRAM

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WEEKLY NEWSLETTER

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For the period August 29 – September 4, 2015

General Interest: This year will likely go down as being the hottest year on record according climate experts. Temperature data compiled by the NOAA, NASA and the Japan Meteorological Agency show that July was indeed the hottest July on record meaning it was also the hottest month of any month going back to the beginning of record keeping in 1880. The El Nino this year is a very strong one which aids in the record global warmth along with the continued increase of heat trapping greenhouse gasses in the atmosphere. Prior to 2015, 2014 held the record for warmest. Interestingly, at the end of this year, the record will show that the 14 hottest years on record will have occurred within the past 16 years. According to an analysis conducted by Climate Central, the odds of this occurrence happening randomly without the aid of global warming are 1 in 27 million!

According to the Weather Prediction Center, the southwest and west-central Kansas forecast total precipitation out to September 15th, shows a fairly dry 7-day period with accumulation estimates of 0.25 to 0.50 inches for southwest and most of west-central Kansas. The current weather models show that perhaps our best chance for decent precipitation may be during the evening on Friday. There are low chances for storms this week but significant areal precipitation is not anticipated. Temperatures are expected to be more seasonal throughout the week with the prospects of another extended period of temperatures being in the middle to upper 90's diminishing to nearly zero for the remainder of the year. The maximum daytime highs for this week historically average in the middle 80's with the average low around 61.

Weather: The entire week consisted of unseasonably warm temperatures and mostly sunny to sunny skies during the afternoons and evenings followed by unseasonably warm and mostly clear nights.

Operations: No seeding days this week.

**Walter Geiger, Meteorologist
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