

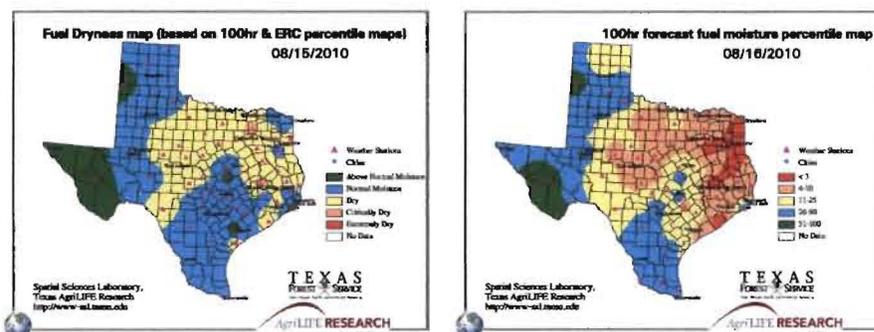


# Tom Green County Fire Danger Report

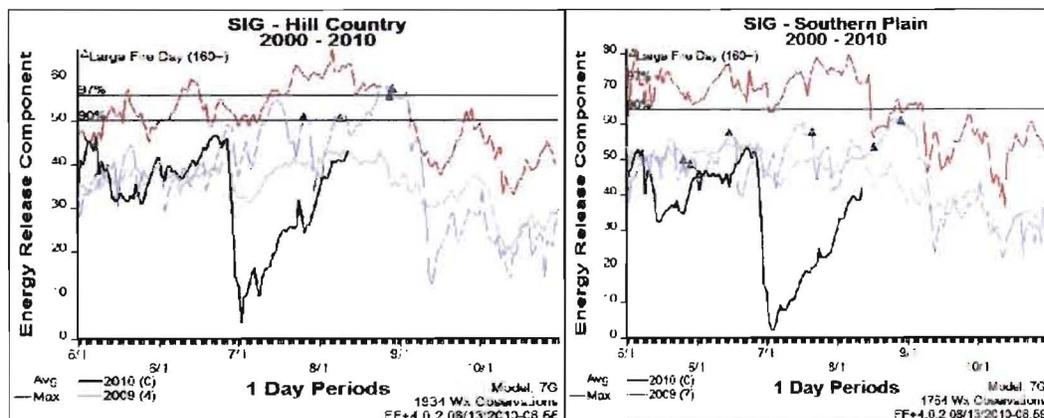
Triple digit temperatures have persisted in the county for the past 18 days. The National Weather Service predicts another 7 days of temperatures at or above 100 degrees. If this prediction holds true, Tom Green County will have recorded 24 days of temperatures at 100 degrees or above. The last significant rain fall was July 10<sup>th</sup>. Since that date we have only received .04 of rain in the last 33 days.

Tom Green County volunteer fire departments have reported to the Texas Forest Service a total of ONLY 3 fires totaling 81 acres for the month of August. The departments reporting grass fire responses was Wall VFD and Dove Creek VFD. The figures may also include mutual aid responses to adjoining counties.

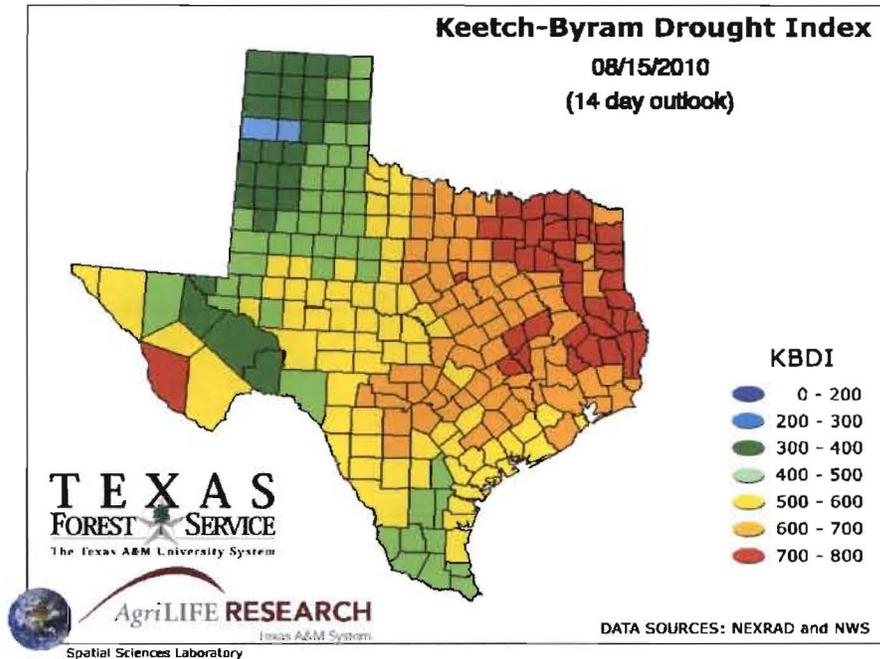
Fine fuels and grasses have wilted and are cured. According to the Texas Forest Service fire analysis, these conditions will produce a moderate potential for significant fire occurrence. The 14 day outlook map for the State indicates an increase in the dryness across our region as well as most of the north and northeast portion of Texas.



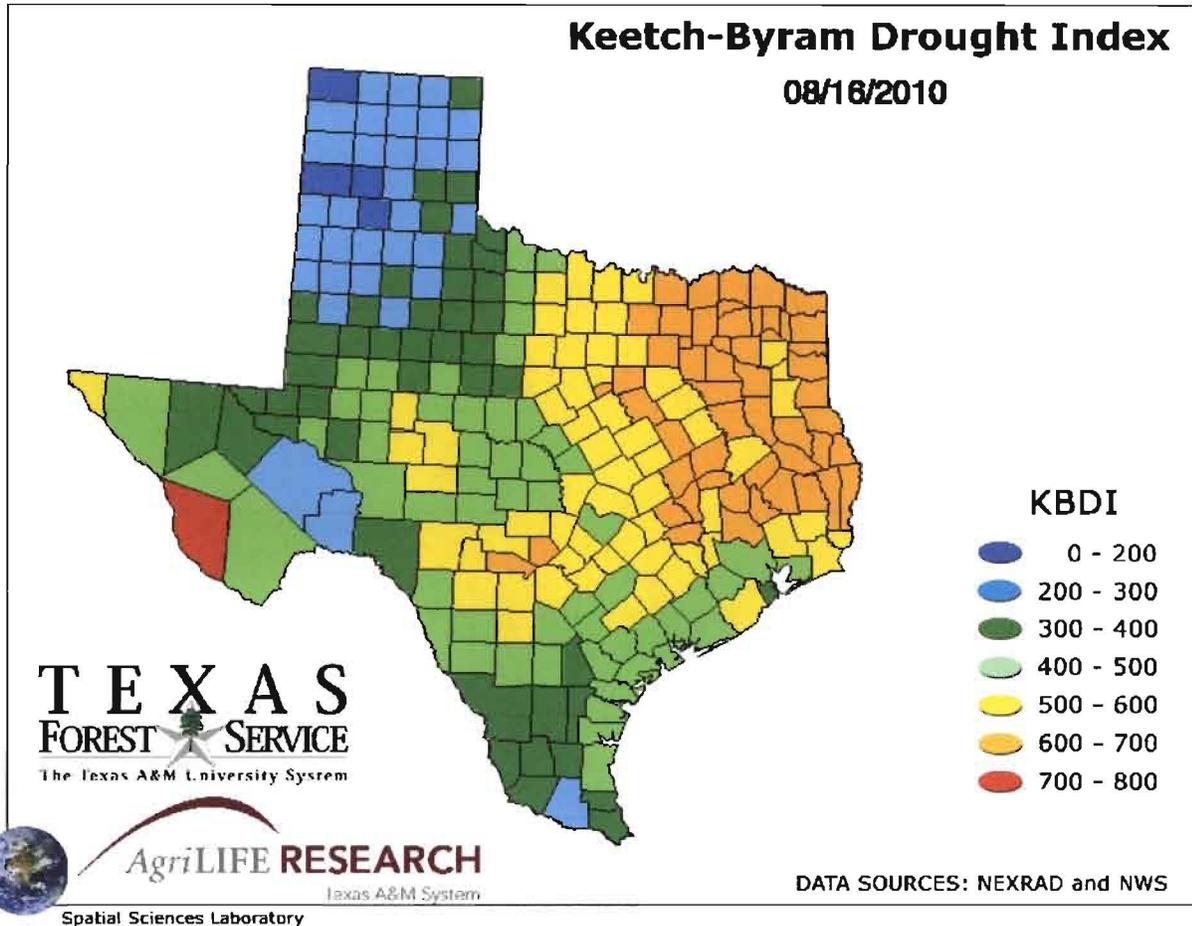
The Energy Release Component graph below indicates a steady increase to the 90<sup>th</sup> percentile. As can be seen from the graph, as the ERC reaches the 90<sup>th</sup> percentile, the number of large wildfires (as indicated by the triangles) increases. The ERC is related to the available BTUs per square foot at the head of a fire. The more energy released from a flame front the more difficult the fire is to contain.



The Keetch-Byram Drought Index chart for the next 14 days also indicates we are rapidly approaching conditions that would warrant the implementation of a county wide burn ban.



In conclusion, I would recommend that the Commissioners' Court consider notifying the public that a burn ban will be implemented at the next Commissioners' Court meeting or immediate implementation of a Burn Ban.



## Heat Wave Facts: UPDATED

**18 Consecutive Days of 100+ degrees in San Angelo,  
July 30th --> August 16th (and counting)**

Records: 18 Days (6/18/1969 --> 7/5/1969)  
15 Days (7/27/1970 --> 8/10/1970)  
15 Days (7/12/1963 --> 7/26/1963)

**17 Consecutive Days of 102+ degrees in San Angelo.  
July 31st --> August 16th (and counting)**

This breaks the record for consecutive days of at least 102 degrees. The previous record was 10 consecutive days-set 4 times-last in 1994

Average # of 100 degree days:	June	July	August	Year
1946-2009:	4	7	6	19
2010:	11	4	16	31

**Most ever 100+ degree days: 60 (1969)**

Three Years never reached 100: 2007, 1976, 1950

### Staying Safe in the Heat:

- Drink plenty of water & take frequent breaks (if working or playing)
- Remain in air-conditioned buildings if possible during the heat of the day
- Check on neighbors and relatives



1213 AM CDT  
Tue Aug 17 2010  
National Weather Service  
San Angelo, TX