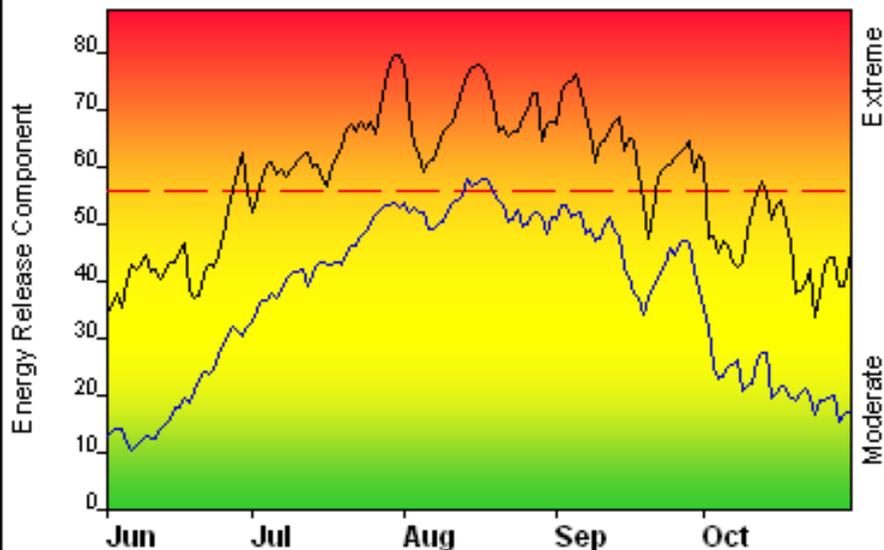


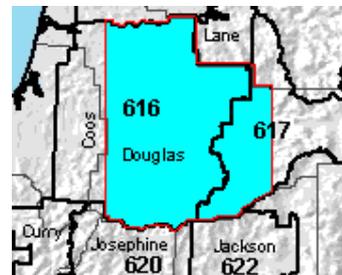
FIRE DANGER -- Douglas Forest Protective Assn

Maximum, Average, and 80th Percentile, based on 10 years data



Fire Danger Area:

- ◆ Douglas FPA / BLM ROD
- ◆ WX Zones 616 & 617
- ◆ Grandd/Silver B.RAW/S 2:1
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



- EXTREME** -- Use extreme caution
- (Caution)** -- Watch for change
- Moderate** -- Lower Potential, but always be aware

Maximum -- Highest Energy Release Component by day for 2002 - 2011

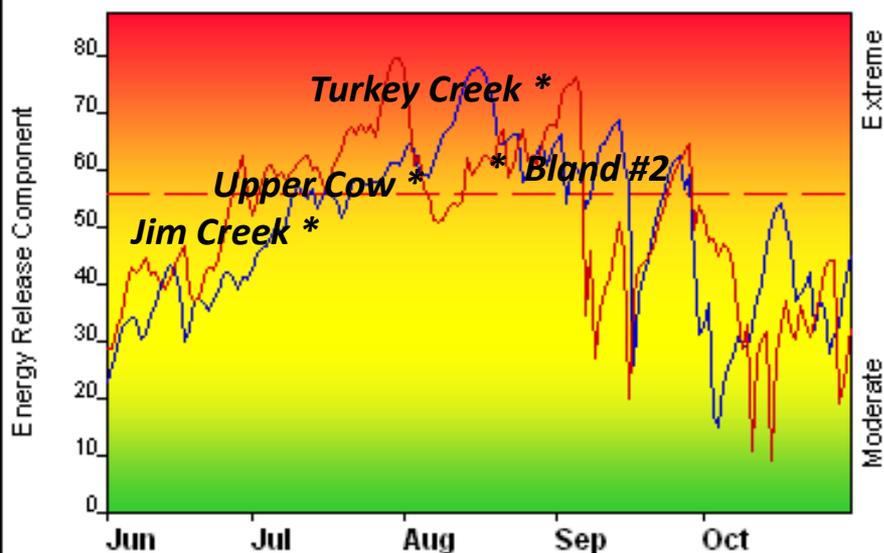
Average -- shows peak fire season over 10 years (1530 observations)

80th Percentile -- Only 20% of the 1530 days from 2002 - 2011 had an Energy Release Component above 56

Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior:
 20' Wind Speed over 15 mph, RH less than 30%,
 Temperature over 85, Woody fuel Moisture less than 85

Years to Remember: 2002 2003



Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.



Past Experience:

* These factors are a contributing factor to large fire growth *

- * 1000 - Hour Fuel Moisture < 12 %
- * 100 - Hour Fuel Moisture < 10 %
- * Significant fire thresholds have been identified and occur at a ERC of 56 and above.
- * Steep slopes and heavy fuels loading are prevalent throughout the area. These factors contribute to large fire growth and are a limiting factor for mechanized equipment.
- * In open timber stands and on south aspects the brush component may contain a high concentration of Black Berries. By late July these fuels are prone to intense runs, spotting, and are capable of producing FL exceeding 10 to 20 ft.

Responsible Agency: Douglas District / ODF - DFPA

FF+4.0.2 04/11/2012-13:59 (C:\Documents and...Douglas Pocket Card update Spring 2012)

Design by NWCG Fire Danger Working Team

Fuel Model: G - Short-Needle (Heavy Dead)