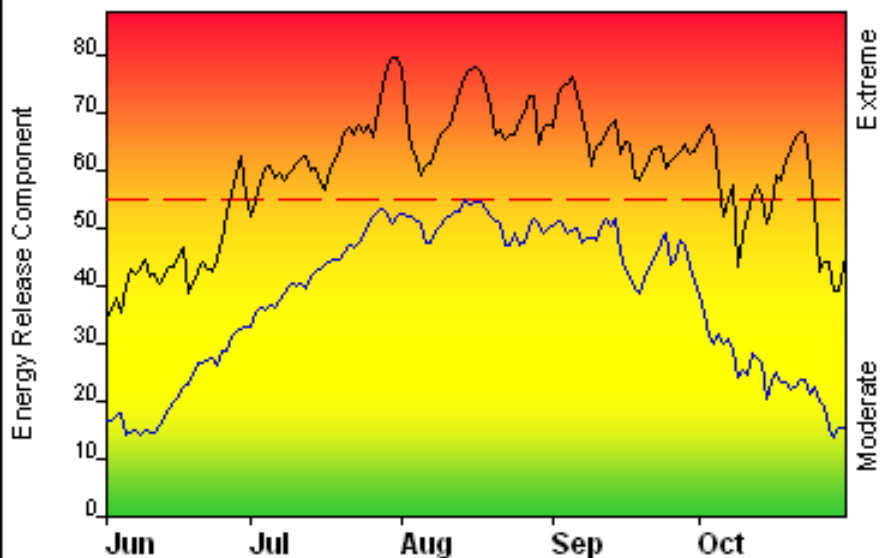


FIRE DANGER -- Douglas Forest Protective Assn

Maximum, Average, and 80th Percentile, based on 12 years data



This Pocket Card Completed by: Patrick Skrip

Fire Danger Area:

- ◆ Douglas FPA / BLM ROD
- ◆ WX Zones 616 & 617
- ◆ Silver B & Grandad RAMS
- * Meets NWCG Wx Station Standards

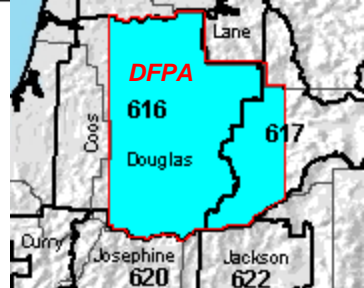
Fire Danger Interpretation:



EXTREME -- Use extreme caution

(Caution) -- Watch for change

Moderate -- Lower Potential, but always be aware



Maximum -- Highest Energy Release Component by day for 1998 - 2009

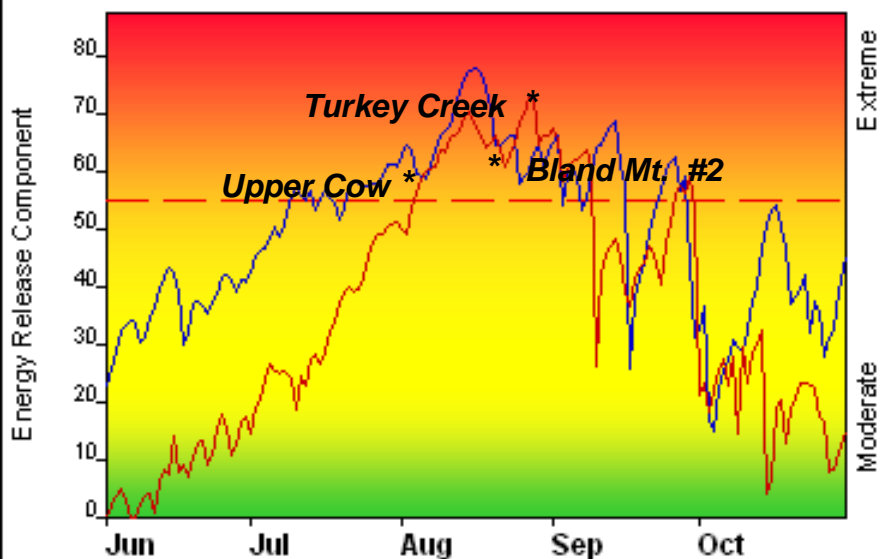
Average -- shows peak fire season over 12 years (1836 observations)

80th Percentile -- Only 20% of the 1836 days from 1998 - 2009 had an Energy Release Component above 55

Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior:
 20' Wind Speed over 15 mph, RH less than 27%,
 Temperature over 84, Woody fuel Moisture less than 80

Years to Remember: 2002 2005



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

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 < 11%
- * 100 - Hour Fuel Moisture < 10%
- * Significant fire thresholds have been identified and occur at the 80th percentile 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

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Design by NWCG Fire Danger Working Team

