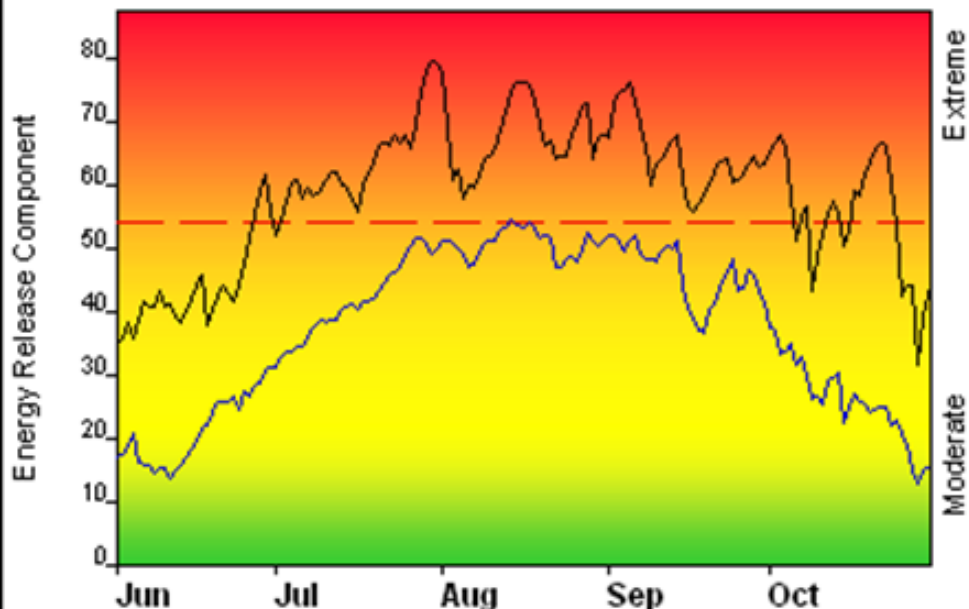


FIRE DANGER -- Douglas Forest Protective Assn

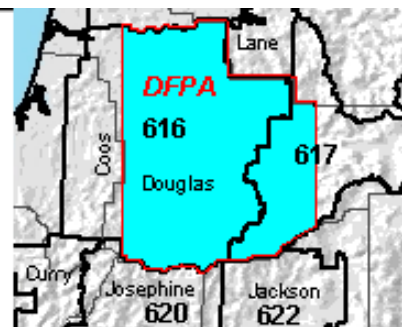
Maximum, Average, and 80th Percentile, based on 10 years data



This Pocket Card Completed by: Patrick Skrip

Fire Danger Area:

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



Fire Danger Interpretation:



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

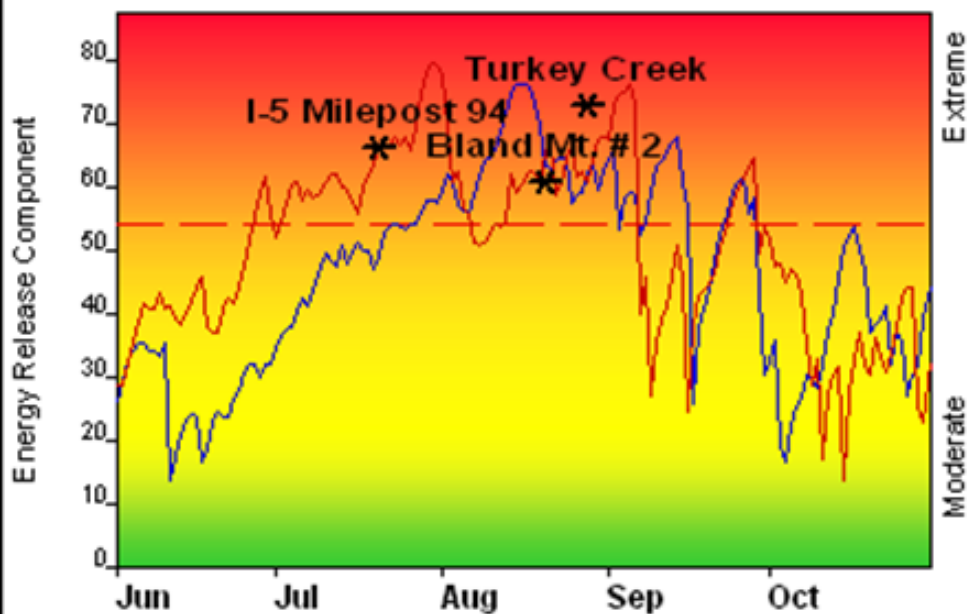
Maximum -- Highest Energy Release Component by day for 1998 - 2007

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

80th Percentile -- Only 20% of the 1530 days from 1998 - 2007 had an Energy Release Component above 54

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 2003



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 80% percentile.
- * Steep slope and heavy fuel 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 - 20 ft.

Responsible Agency: Douglas FPA / Oregon Dept. Forestry

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Design by NWCG Fire Danger Working Team