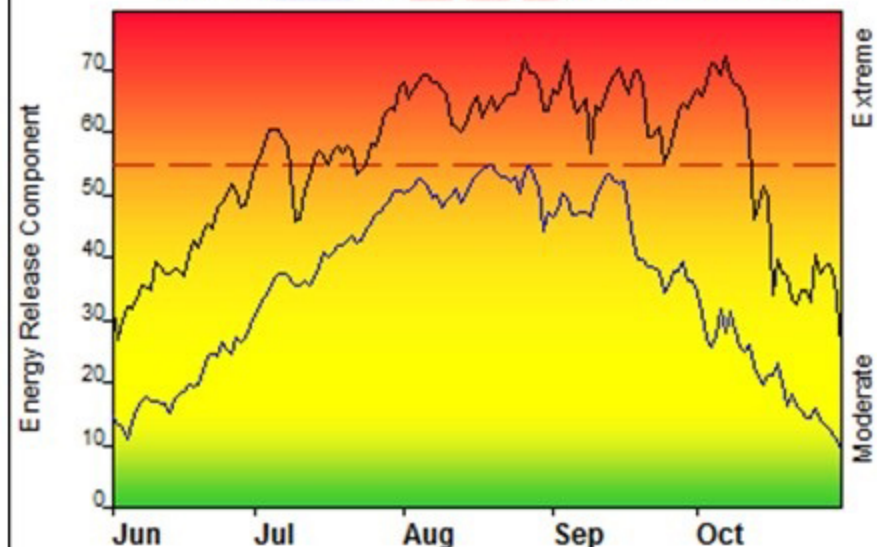


## FIRE DANGER -- Douglas Forest Protective Assn

Maximum, Average, and 82th Percentile, based on 10 years data



## Fire Danger Area:

- ◆ Douglas FPA / BLM ROD
- ◆ 616 & 617
- ◆ GRANDAD & SILVER B 2:1
- \* Meets NWCG Wx Station Standards



## Fire Danger Interpretation:

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

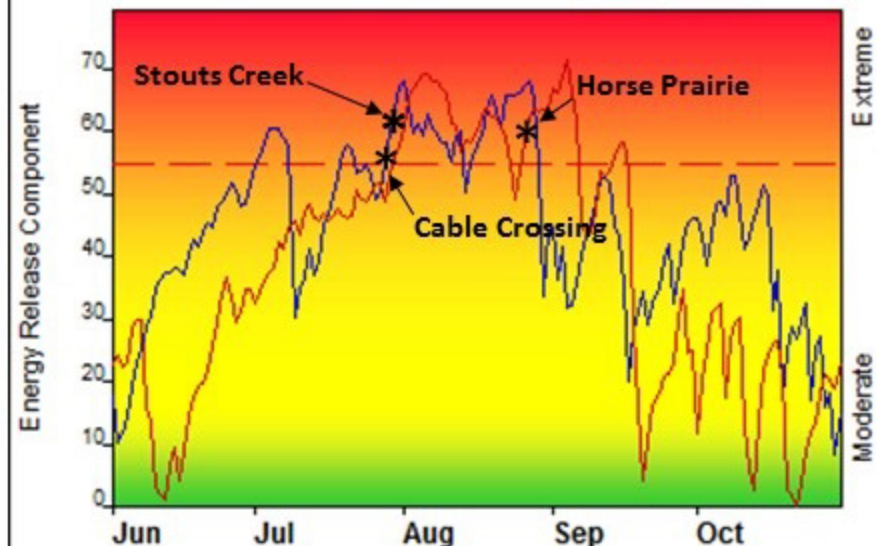
Maximum -- Highest Energy Release Component by day for 2008 - 2017

Average -- shows peak fire season over 10 years (1527 observations)

82th Percentile -- 18% of the 1527 days from 2008 - 2017 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 25%,  
Temperature over 85, Woody Fuel Moisture less than 95

## Years to Remember: 2015 2017



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:

- \* 1000 - Hour Fuel Moisture < 13%
- \* 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

FF+4.2 build 24.19 04/26/2018-14:14 (W:\FDRA.s...\DFPA\_2007\_2017\_Pocket Card Update)

Design by NWCG Fire Danger Working Team