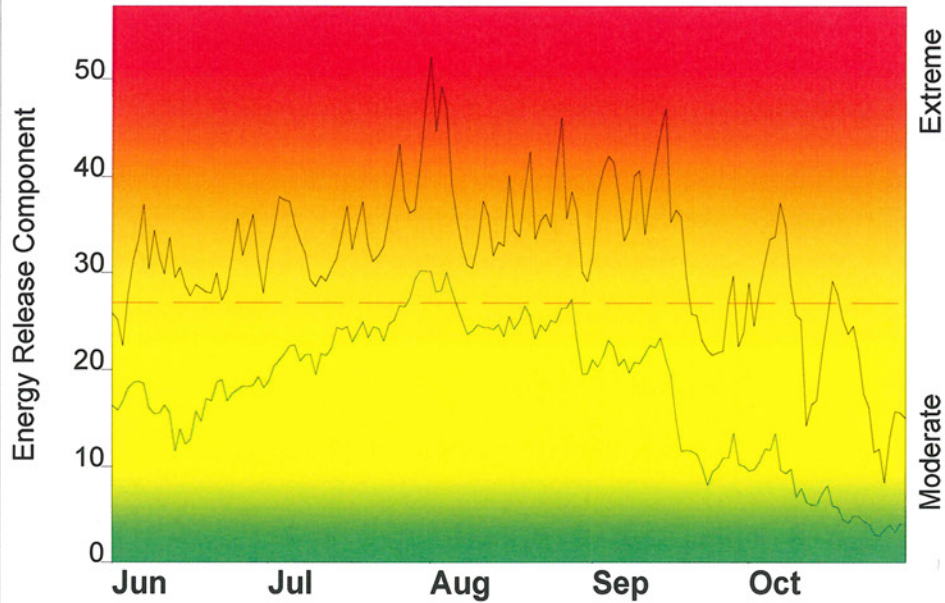


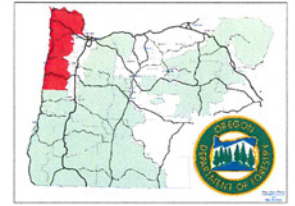
# FIRE DANGER -- NWOA

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



## Fire Danger Area:

- Northwest Oregon Area
- Wx: 601,602,603,612
- Rye, Miller, Wilk 1:1:1
- \* Meets NWCG Wx Station Standards



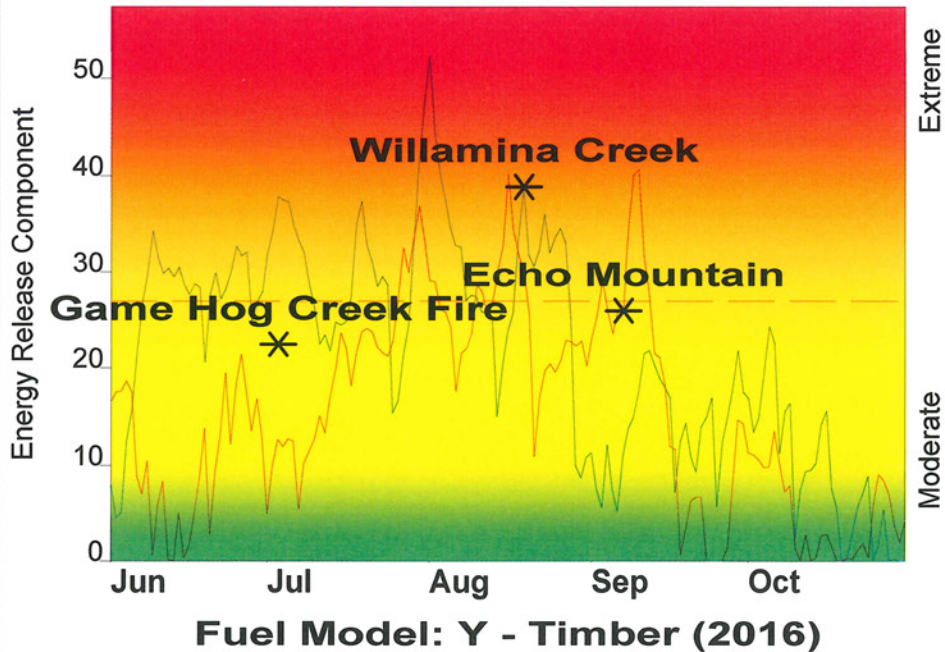
## Fire Danger Interpretation:

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

Maximum -- Highest Energy Release Component by day for 2012 - 2021  
 Average -- shows peak fire season over 10 years (1530 observations)  
 80th Percentile -- 20% of the 1530 days from 2012 - 2021 had an Energy Release Component above 27

**Local Thresholds - Watch out:** Combinations of any of these factors can greatly increase fire behavior:  
 20' Wind Speed over 12 mph, RH less than 34%,  
 Temperature over 85, GSI WoodyFM over 125

## Years to Remember: 2015 2020



## Remember what Fire Danger tells you:

- Energy Release Component gives seasonal trends calculated from 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:

- \*East wind events cause lower humidities and high temperatures during the day, and poor night time RH recoveries.
- \*Heavy loading of 100 and 1000 hour fuels make line construction slow and difficult.
- \*Significant fires can occur at lower thresholds when east winds develop at anytime of the year.
- \*Historically 65% of significant fires occur when Burning Index (BI) is greater than 20.

Responsible Agency: ODF - Northwest Oregon Area  
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Design by NWCG Fire Danger Working Team