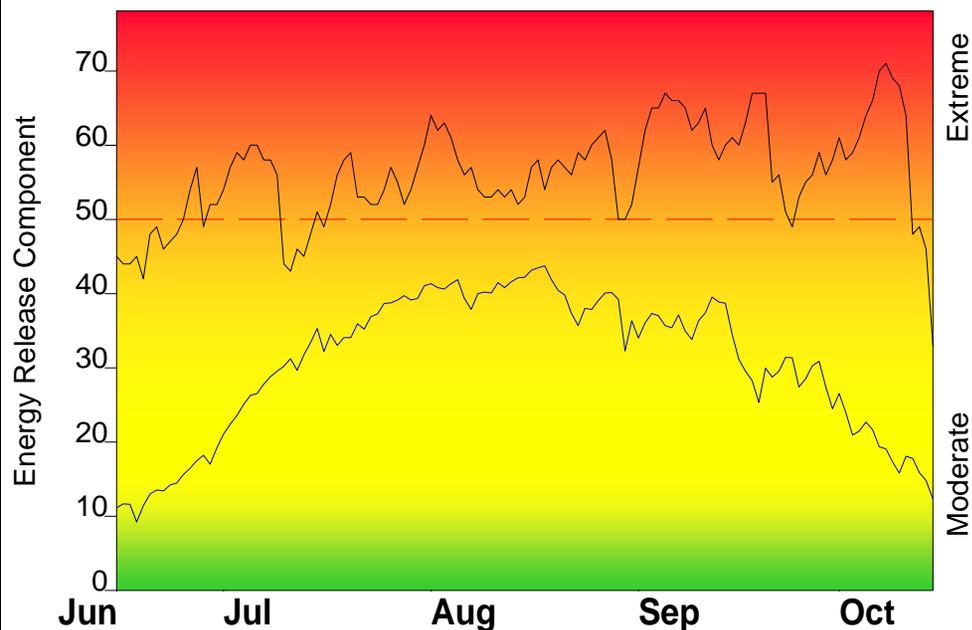


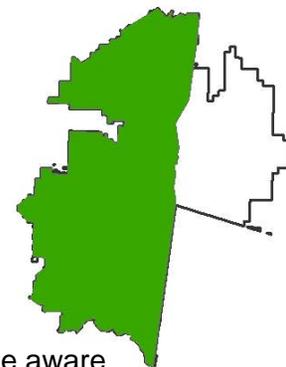
# FIRE DANGER -- Mt Hood NF - Westside

Maximum, Average, and 90th Percentile, based on 15 years data



## Fire Danger Area:

- Mt Hood NF Westside
- 607
- Redbox 350718
- \* 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 2001 - 2015

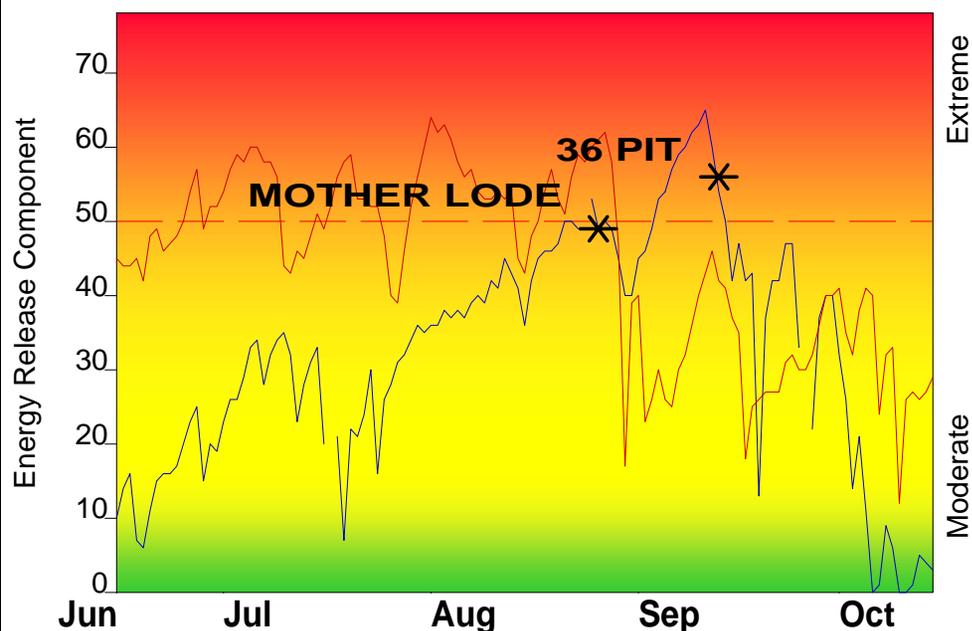
Average -- shows peak fire season over 15 years (1834 observations)

90th Percentile -- Only 10% of the 1834 days from 2001 - 2015 had an Energy Release Component above 50

## Local Thresholds - Watch out: Combinations

- Temp over 75
- ERC over 45
- RH less than 35%
- 100 Hr Fuel Moisture less than 13%
- Haines Index 5 or 6

## Years to Remember: 2011 2015



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

## Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 1PM: temperature and humidity. And from 24 hour temperature and RH ranges and precipitation duration
- ✓ Wind is NOT part of ERC calculation
- ✓ Watch local conditions and variations across the landscape
- Fuels:** Heavy dead/down and/or lichen draped canopies
- Weather:** Thermal troughs- High temp, low RH, East wind, and instability  
Gusty winds may cause rapid spread in moderate conditions
- Topography:** Terrain or features that funnel and increase wind speed  
Steep slopes exposed and unexposed to winds
- ✓ Listen to weather forecasts -- Temp, RH, Wind, and Haines

## Past Experience: Max/Min values are 24 hour high/low

Fire	DATE	MaxTemp	Min RH	100 Hr FM	ERC	#Acres
36 Pit	9/13/2014	80	17	8	56	5511
Mother Lode	8/26/2011	86	30	11	49	2033

Responsible Agency: USDA Forest Service

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Design by NWCG Fire Danger Working Team