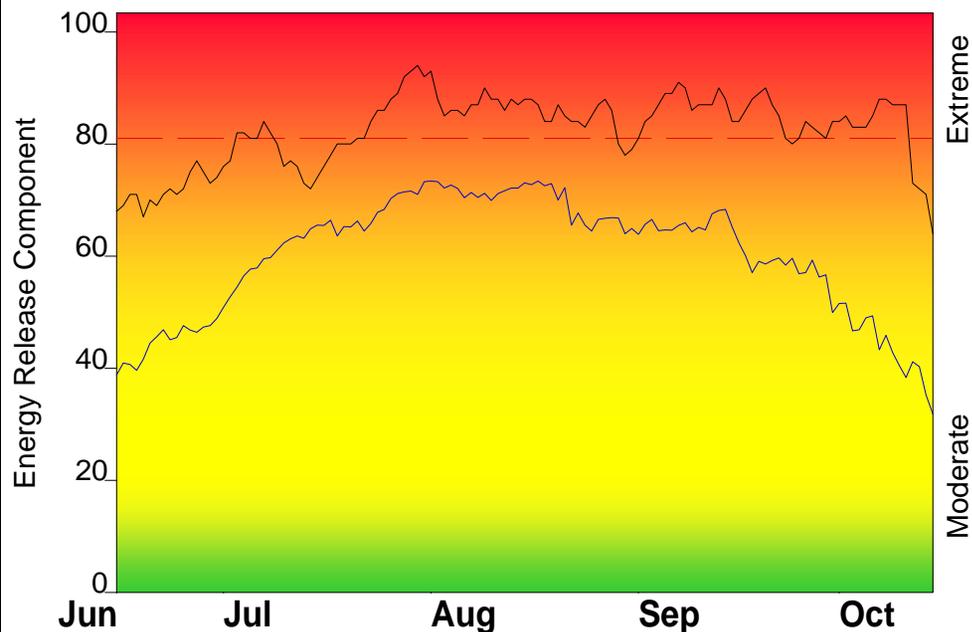


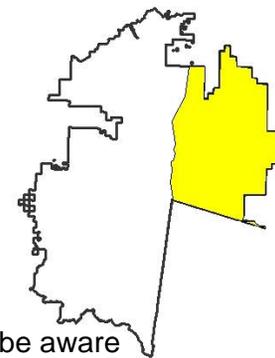
# FIRE DANGER -- Mt Hood NF - Eastside

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



# Fire Danger Area:

- Mt Hood NF- Eastside
- Fire Weather Zone 639
- Wamic 350913
- \* 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 (1845 observations)

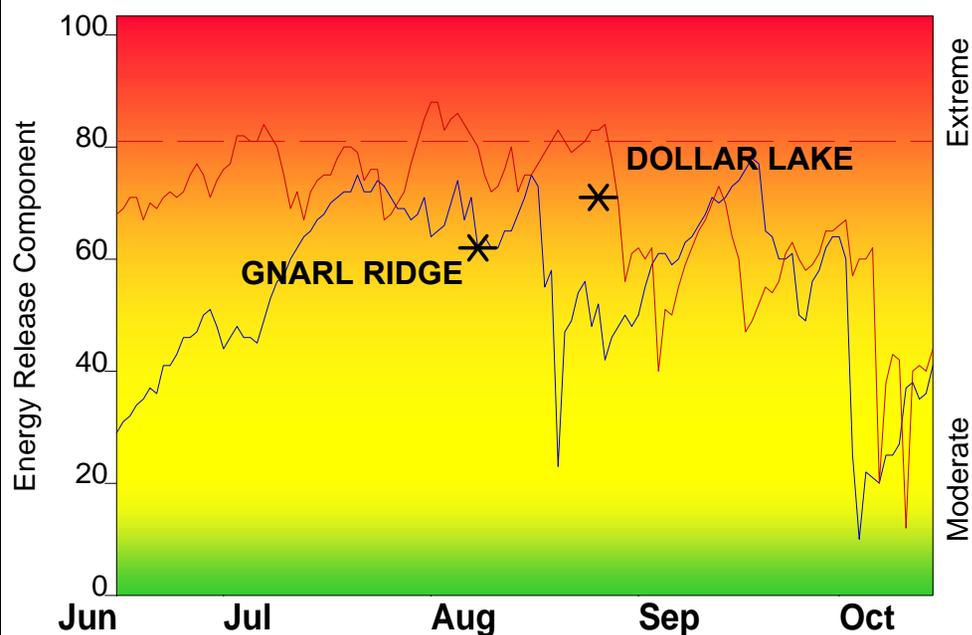
90th Percentile -- Only 10% of the 1845 days from 2001 - 2015

had an Energy Release Component above 81

**Local Thresholds - Watch out:** Combinations of any of these factors can greatly increase fire behavior:

- Temp over 75
- ERC over 60
- RH less than 35%
- 100 Hr Fuel Moisture less than 13%
- Haines Index 5 or 6

# Years to Remember: 2008 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  
Marine Push- West winds & low RH ahead of marine air  
Gusty winds may cause rapid spread in moderate conditions  
Downhill spread east of the Cascade Crest
- Topography:** 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	Max Temp	Min RH	100 Hr FM	ERC	#Acres
Dollar Lake	8/8/08	88	32	10	62	3282
Gnarl	8/26/11	90	23	9	71	6290

Responsible Agency: USDA Forest Service

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Design by NWCG Fire Danger Working Team