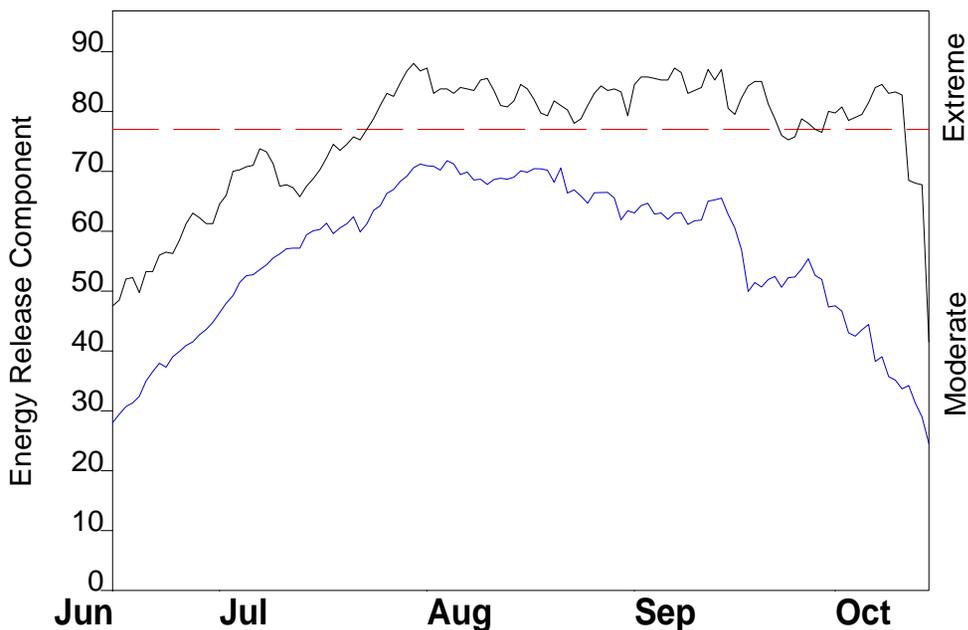


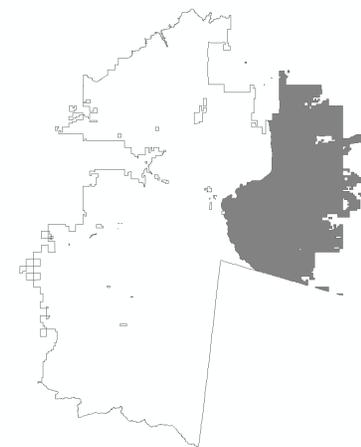
# FIRE DANGER -- MT Hood East

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



# Fire Danger Area:

- Mt Hood East
- Fire Weather Zone OR 639
- Middle Mtn 350812, Wamic Mill 350913
- \* Meets NWCG Wx Station Standards



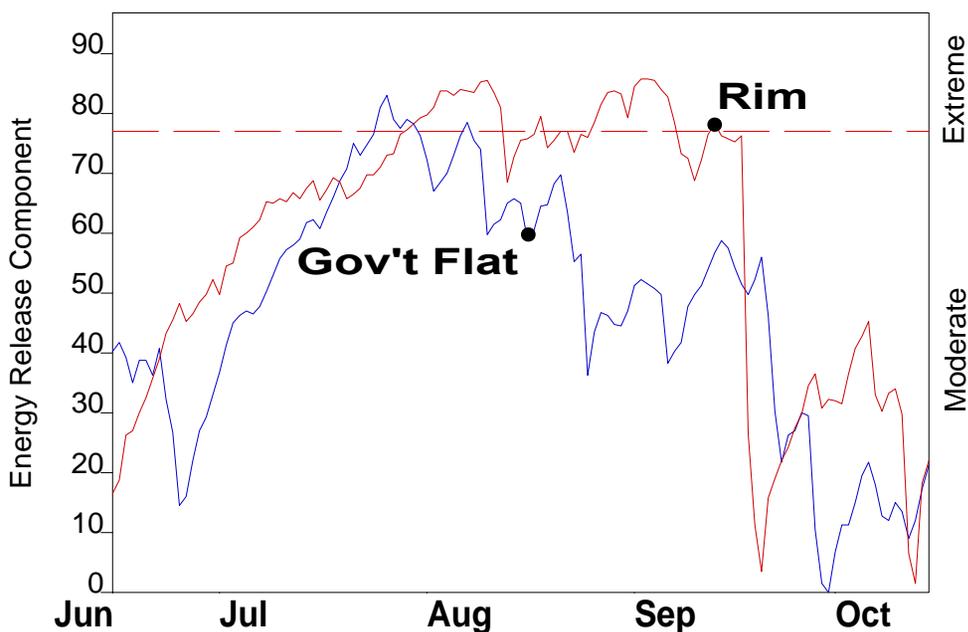
# Fire Danger Interpretation:

Extreme- Use extreme caution  
 Moderate- Watch for change  
 Maximum -- Highest Energy Release Component by day for 2003 - 2017  
Average -- shows peak fire season over 15 years (1845 observations)  
90th Percentile -- Only 10% of the 1845 days from 2003 - 2017 had an ERC above 77

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

- Temp over 80
- ERC over 60
- RH less than 35%
- 100 Hr Fuel Moisture less than 10%
- Haines Index 5 or 6

# Years to Remember: 2013 2017



**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 range, RH range, 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:

Fire	Date	Max Temp	Min RH	100 Hr FM	ERC	Acres
Gov't Flat	08/16/2013	84	36	10	59	2231 (FS lands)
Rim	09/03/2017	96	16	5	86	237