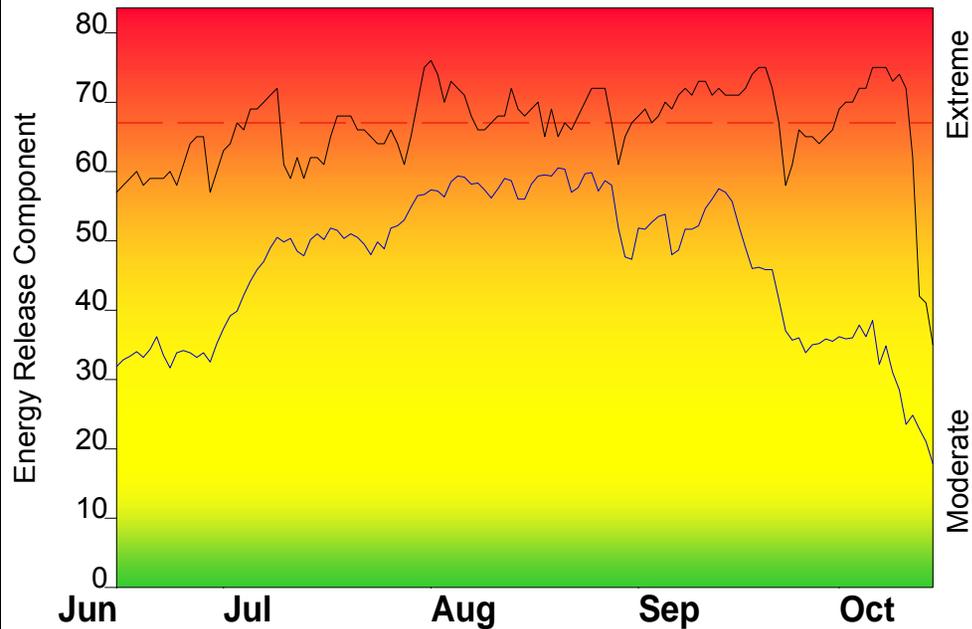


# FIRE DANGER -- Gifford Pinchot South

Maximum, Average, and 90th Percentile, based on 6 years data

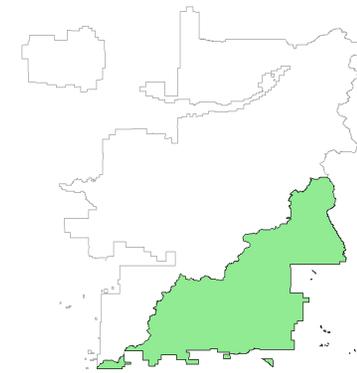


# Fire Danger Area:

- GPF South Zone
- Wx Zone 660/639
- 451917 RAWS

Meets NWCG Wx Station Standards

Station relocated in 2009: data may not reflect most extreme conditions



# 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 2010 - 2015

Average -- shows peak fire season over 6 years (738 observations)

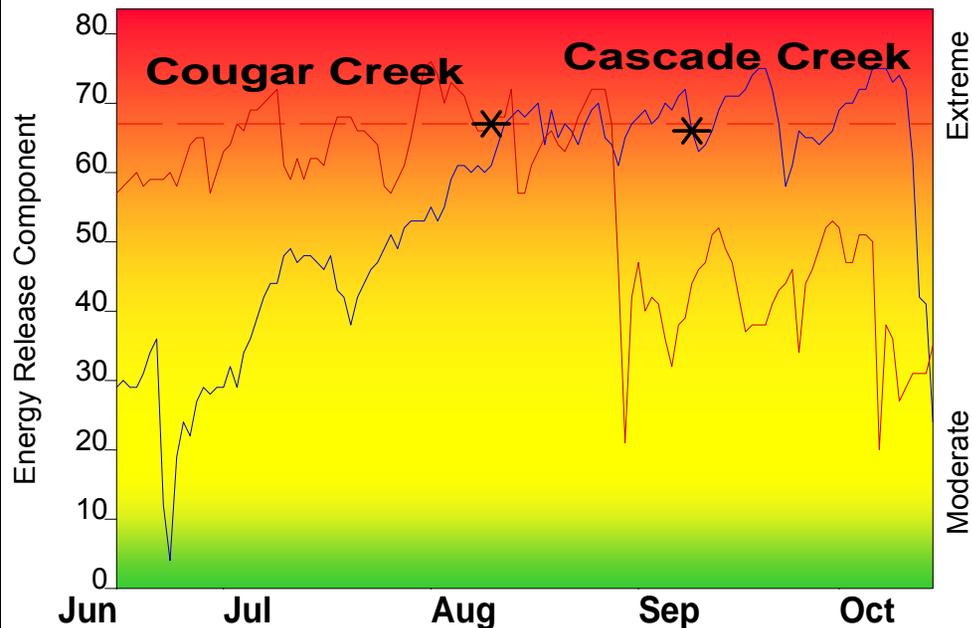
90th Percentile -- Only 10% of the 738 days from 2010 - 2015 had an Energy Release Component above 67

# Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior:

- Temp over 70
- ERC over 50
- RH less than 40%
- 100 Hr Fuel Moisture less than 15%
- Haines Index 5 or 6

# Years to Remember: 2012 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, wind, and instability  
Marine Push- West winds & low RH ahead of marine air
- 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	Gust	ERC	100 Hr FM	Acres
Cascade Cr	9/9/12	83	20	17	66	8	20299
Cougar Cr	8/10/15	81	29	11	67	9	53523

Responsible Agency: USFS

FF+4.1 build 1622 06/06/2016-11:17 (C:\Users\ja...\Gpf2015FinalPCNewFires)

Design by NWCG Fire Danger Working Team