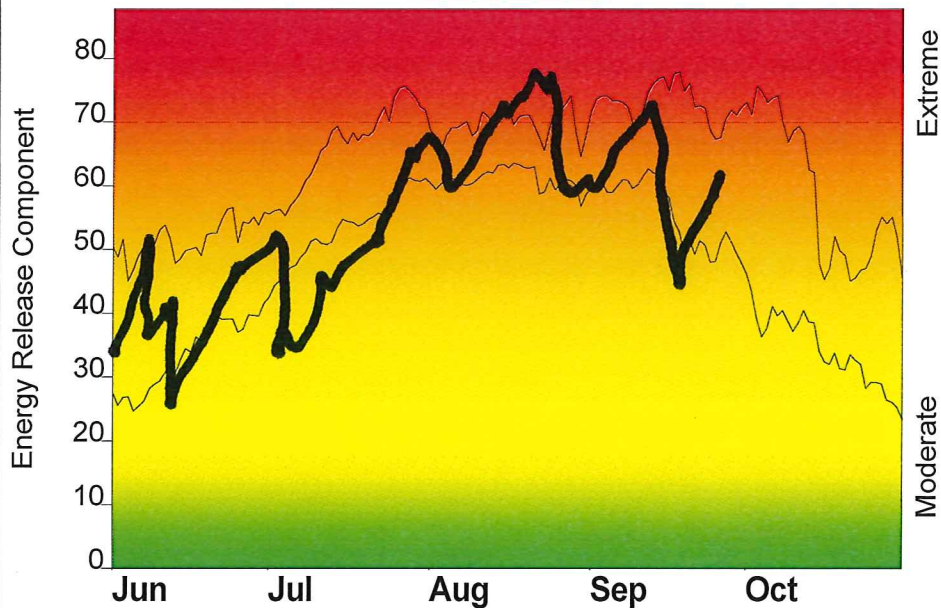


# FIRE DANGER -- Southwest Oregon

Maximum, Average, and 95th Percentile, based on 11 years data



## Fire Danger Area:

- Southwest Interior
- Fire Wx Zone 620,623
- Onion2, Merlin, Squaw, Buck
- \* Meets NWCG Wx Station Standards



## Fire Danger Interpretation:



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

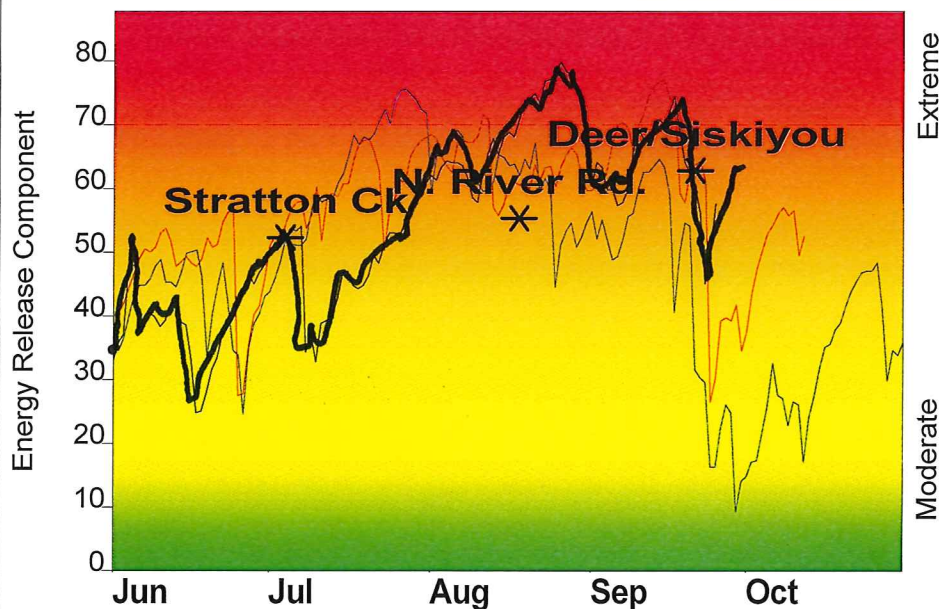
Maximum -- Highest Energy Release Component by day for 2004 - 2014

Average -- shows peak fire season over 11 years (1664 observations)

95th Percentile -- Only 5% of the 1664 days from 2004 - 2014 had an Energy Release Component above 70

**Local Thresholds - Watch out:** Combinations of any of these factors can greatly increase fire behavior:  
 20' Wind Speed over 15 mph, RH less than 23%,  
 Temperature over 85, 1000-Hour Fuel Moisture less than 12

## Years to Remember: 2013 2014 2016



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

## Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm 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:

A combination of high ERC and Haines Index of 5 or 6 is associated with large fires. A 1000-fuel moisture below 12%, and temperatures exceeding 85 also contribute to extreme fire behavior.

FIRE	ERC/BI/1000Hr FM	Date	Acres
CURRENT	55/57/12	9/26/2016	
Deer/Siskiyou	63/70/11	9/21/2009	823
7/26/13 Complex	75/67/9	7/26/2013	46,819
Oregon Gulch	68/56/10	7/30/2014	8,306

Responsible Agency: ODF

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Design by NWCG Fire Danger Working Team