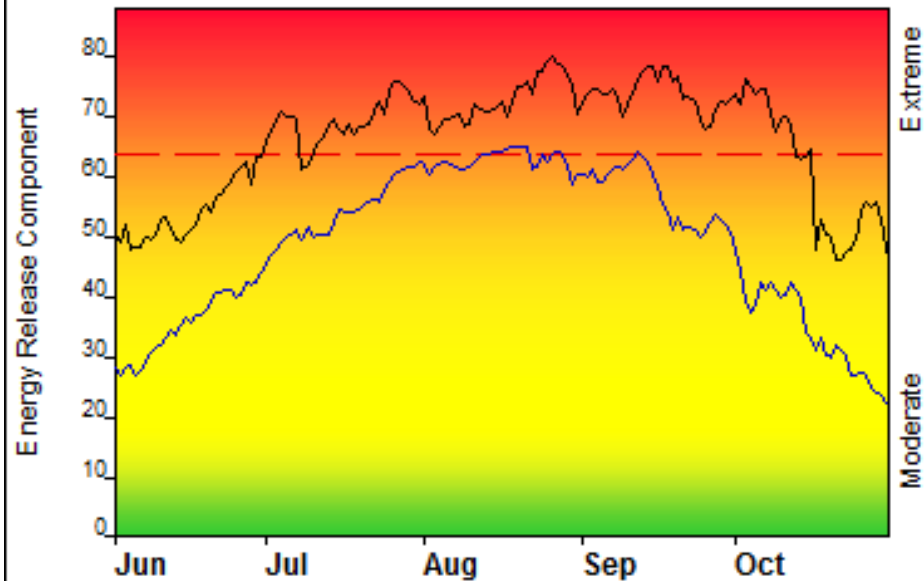


## FIRE DANGER -- Southwest Oregon

Maximum, Average, and 78th Percentile, based on 13 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
- High** -- Watch for change
- Moderate** -- Lower Potential, but always be aware

**Maximum** -- Highest Energy Release Component by day for 2004 - 2016

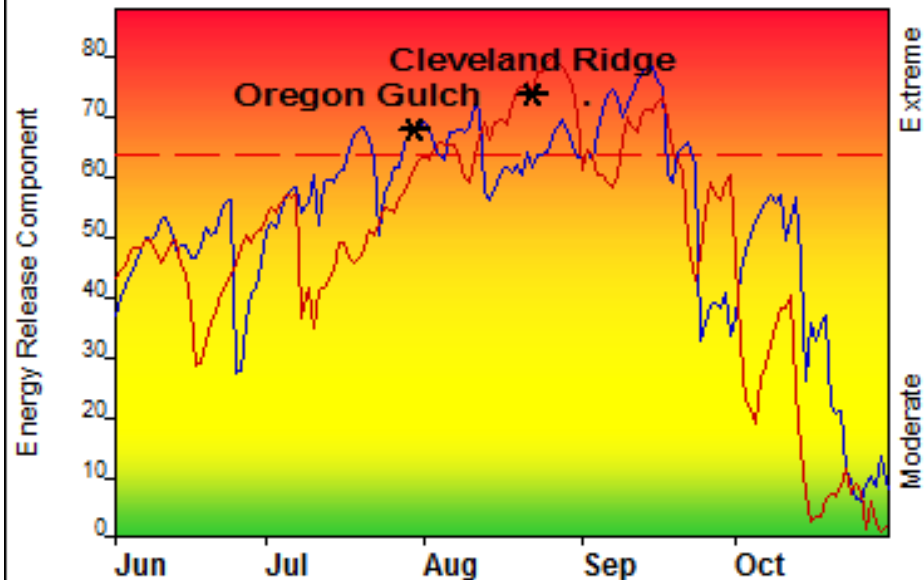
**Average** -- shows peak fire season over 13 years (1989 observations)

**78th Percentile** -- 22% of the 1989 days from 2004 - 2016 had an Energy Release Component above 63

## Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior:  
 20' Wind Speed over 15 mph, RH less than 22%,  
 Temperature over 90, 1000-Hour Fuel Moisture less than 11

## Years to Remember: 2014 2016



## 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 local threshold values with Haines Index of 5 or 6 is associated with large fire growth.

FIRE	ERC/BI/1000Hr FM	Date	Acres
Cleveland Ridge	73/59/9	8/22/2016	520
Oregon Gulch	66/53/10	7/30/2014	35,129
Brimstone	74/65/9	7/26/2013	2,298
Pacifica	55/52/12	7/19/2013	252

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

Responsible Agency: ODF

FF+4.2 build 24.19 04/26/2017-09:36 (C:\Users\lbzim m erlee\Desktop\SW... \SWO\_2016\_PC)

Design by NWCG Fire Danger Working Team