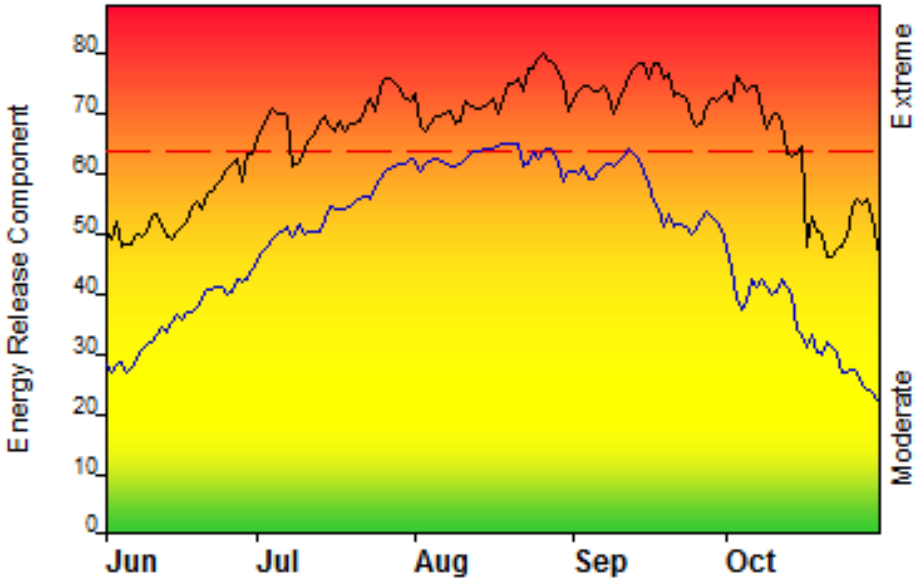
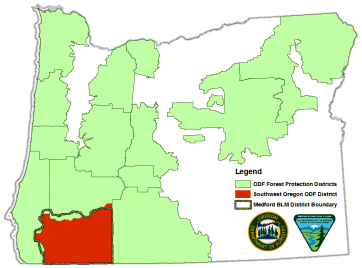
FIRE DANGER -- Southwest Oregon

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

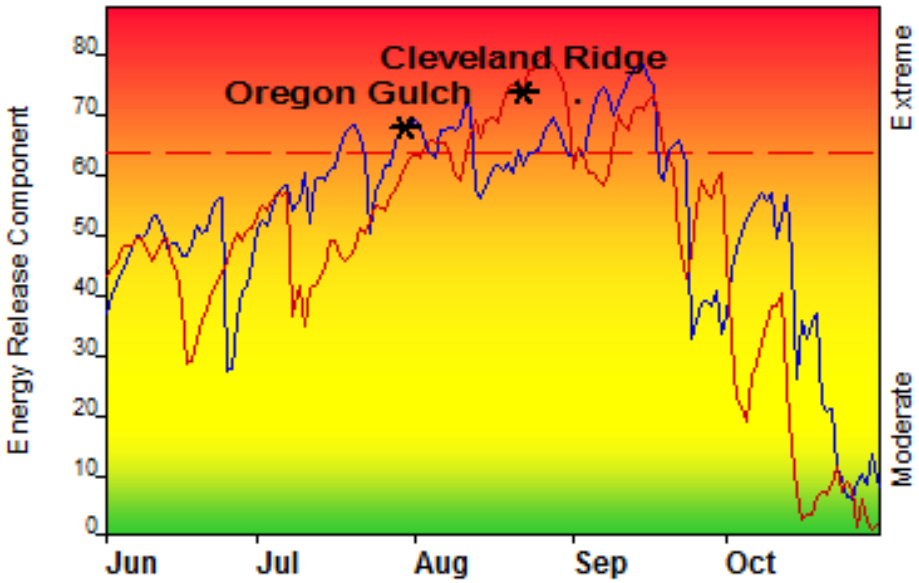
Average -- shows peak fire season over 13 years (1989 observations)

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



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 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

Responsible Agency: ODF

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Design by NWCG Fire Danger Working Team