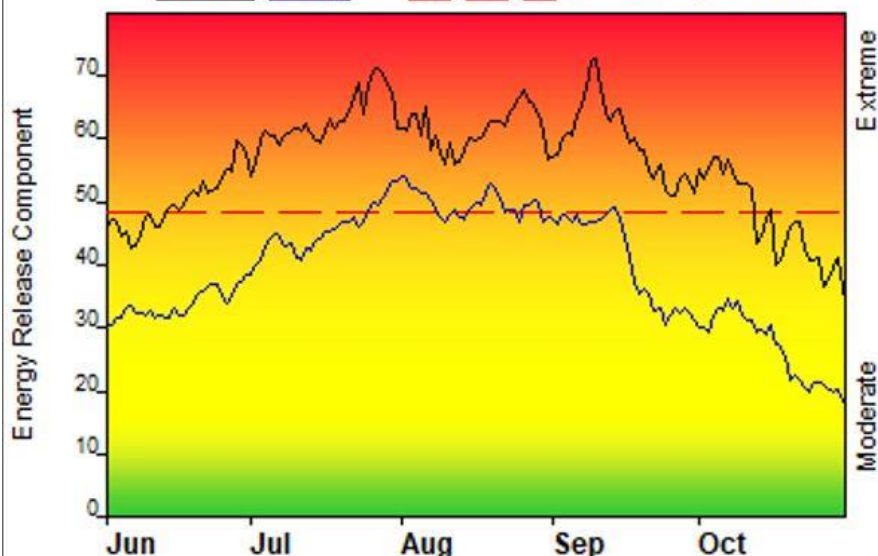


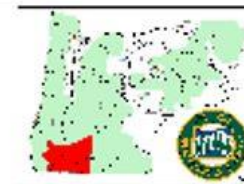
## FIRE DANGER -- (Fire Danger Area)

Maximum, Average, and 70th Percentile, based on 10 years data



## Fire Danger Area:

- ◆ Southwest Interior
- ◆ Fire Wx Zone: 620, 623
- ◆ Evans, 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 2012 - 2021

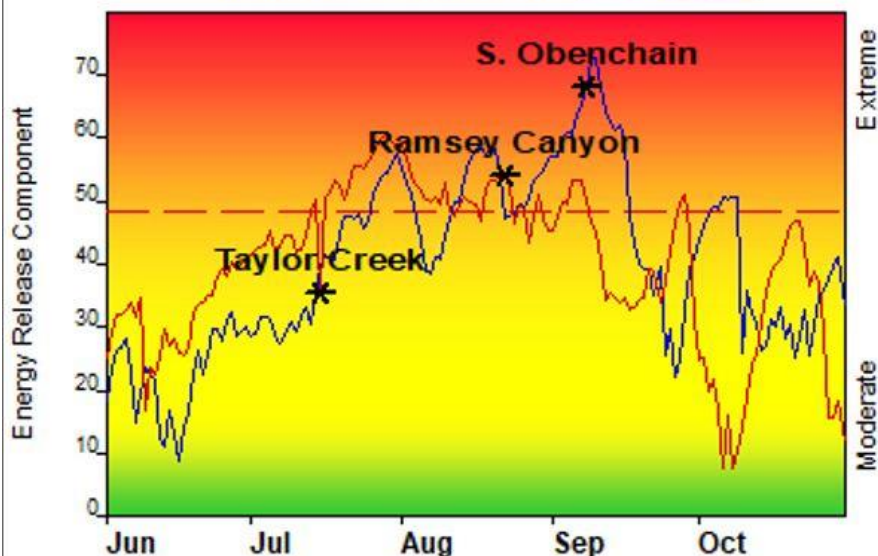
Average -- shows peak fire season over 10 years (1530 observations)

70th Percentile -- 30% of the 1530 days from 2012 - 2021 had an Energy Release Component above 48

## 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: 2020 2018



Fuel Model: Y - Timber (2016)

## Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 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 combined with a HAINES INDEX of 5 or 6 is associated with large fire growth.

FIRE	ERC/BI/1000 HR FM	DATE	ACRES
Taylor Cr.	35 / 8 / 11	7/15/18	52,936
Ramsey	54 / 31 / 11	8/22/18	1,971
Almeda	68 / 42 / 10	9/8/20	32,589

Responsible Agency: ODF

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Design by NWCG Fire Danger Working Team