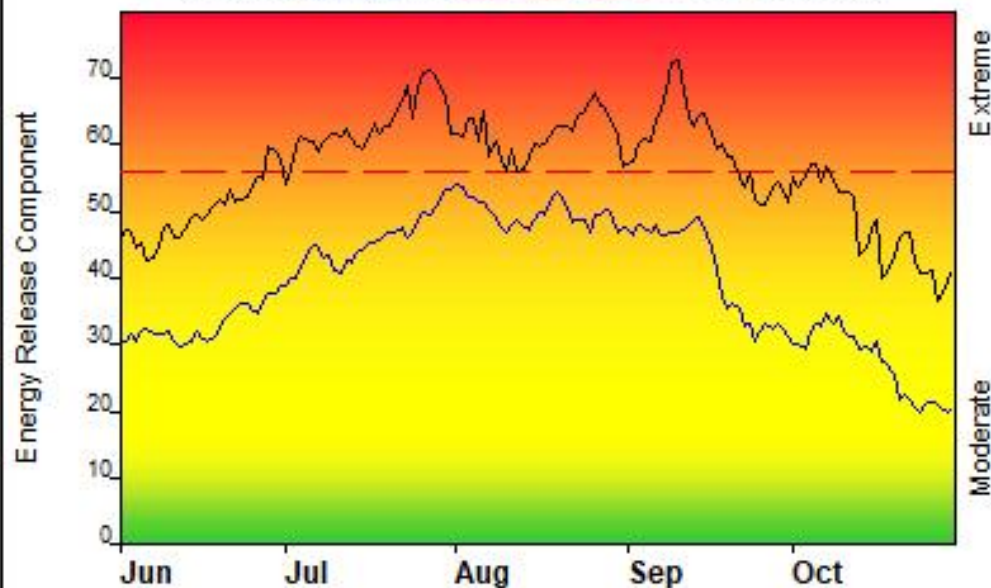


## FIRE DANGER -- SWO

Maximum, Average, and 90th Percentile, based on 11 years data



## Fire Danger Area:

- ◆ (Fire Danger Area)
- ◆ (Forecast Zone)
- ◆ (Weather Station)
- \* Meets NWCG Wx Station Standards



## Fire Danger Interpretation:

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

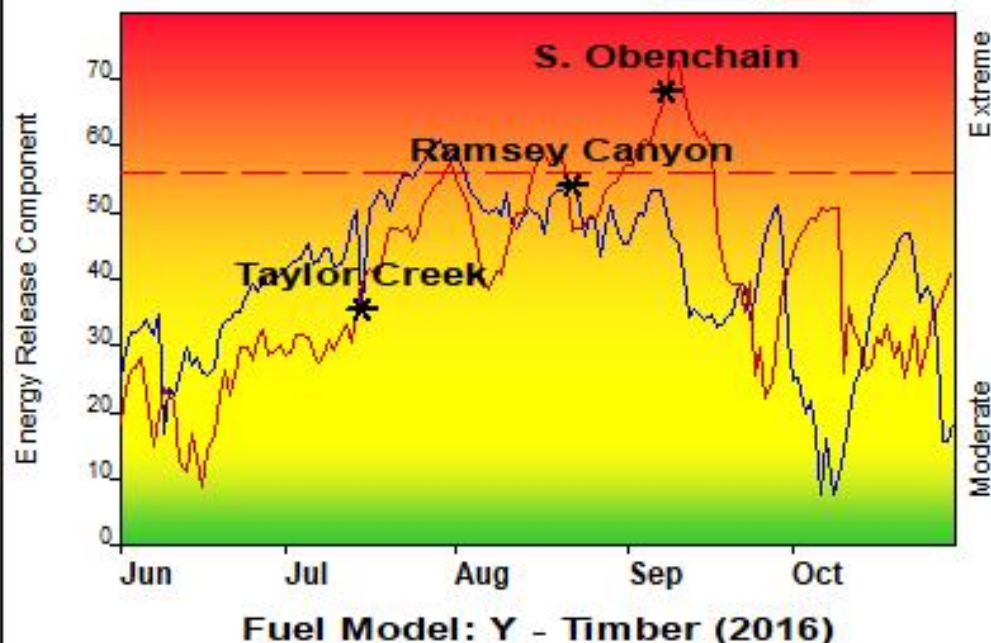
Maximum -- Highest Energy Release Component by day for 2012 - 2022

Average -- shows peak fire season over 11 years (1554 observations)

90th Percentile -- 10% of the 1554 days from 2012 - 2022 had an Energy Release Component above 55

**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: 2018 2020



## 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:

Fire	ERC/BI/1000HR FM	ACRES
Taylor Crk	35 /8 /11	52,936
Ramsey	54/31 /11	1,971
S.Obenchain	68 /42/10	32,589

8/1/22 ERC; 47

Responsible Agency: ODF SWO

FF+5.0 build 20191211 08/01/2022-08:33 (C:\Users\Ross.r.ballou@odf.oreg...\6.2.22 working set)

Design by NWCG Fire Danger Working Team