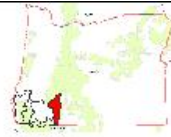


Fire Danger Area:

- ◆ Cascades
- ◆ 823
- ◆ Stella, Zim, Parker Mtn
- * Meets NWCG Wx Station Standards

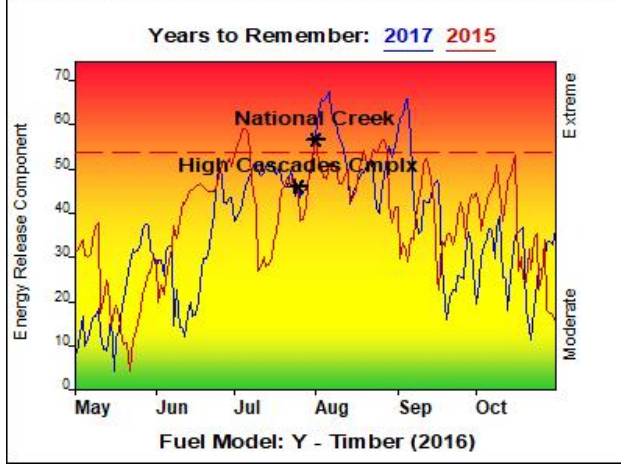


Fire Danger Interpretation:

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

Maximum -- Highest Energy Release Component by day for 2009 - 2019
 Average -- shows peak fire season over 11 years (2024 observations)
 90th Percentile -- 10% of the 2024 days from 2009 - 2019 had an Energy Release Component above 53

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior:
 20' Wind Speed over 10 mph, RH less than 25%,
 Temperature over 85, 1000-Hour Fuel Moisture less than 12



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:

- High Cascades: 07/23/2017 (date of ignition) 80,213 Acres
- National Creek Fire: 08/01/2015 (date of ignition) 8,886 Acres
- A thermal trough pattern creating off shore east (foehn) winds and poor night time RH recoveries.
- Two plus days with night time RH recoveries that are below 50%.
- Atmospheric instability = Haines of 5 or 6.
- 90th percentile or higher ERC values.
- <25% RH - torching becomes more likely.
- <20% RH - multiple tree torching and crown runs with wind.

Responsible Agency: RSF

FF+5.0 build 20191211 05/13/2021-14:24 (C:\L...\FDOP2020with SnowFlagsandFiresCleaned)

Design by NWCG Fire Danger Working Team

