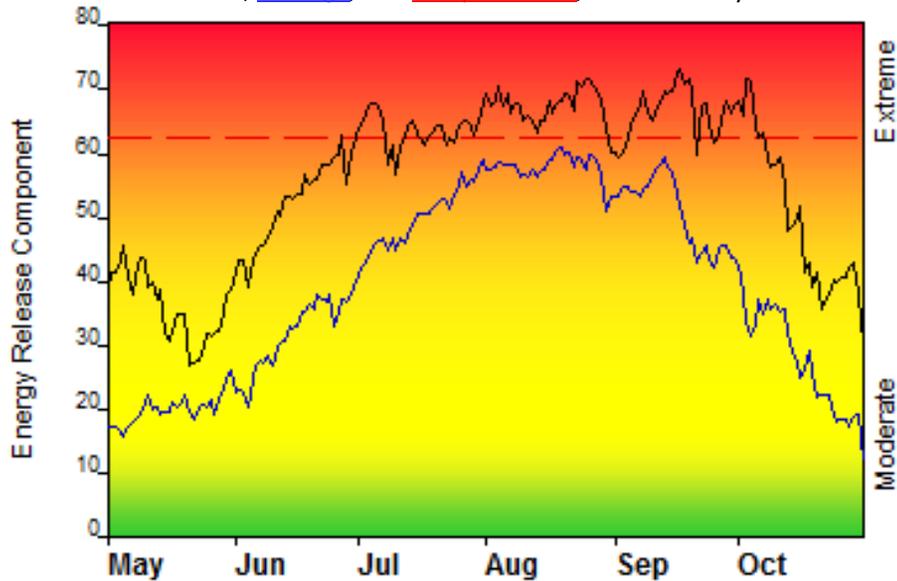


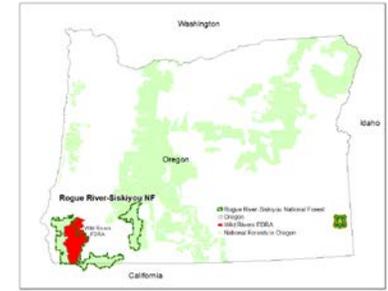
FIRE DANGER -- WILD RIVERS

Maximum, [Average](#), and [90th percentile](#), based on 10 years data



Fire Danger Area:

- Wild Rivers
- Weather zone 616, 619, 620
- Onion RAWS (2008-2016 data)
IV Airport RAWS (2008-2017 data)
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



- EXTREME** – Use extreme caution
- HIGH** – Watch for change
- MODERATE** – Lower Potential, but always be aware

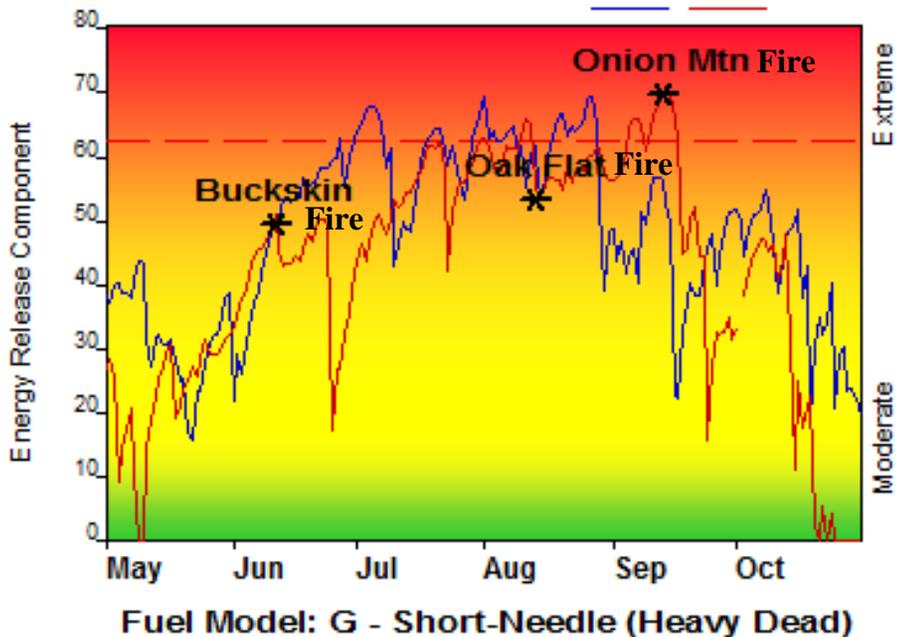
Maximum – Highest Energy Release Component by day for 2008-2017

[Average](#) – shows peak fire season over 10 years (1799 observations)

[90th Percentile](#) – 10% of the 1799 days from 2008-2017 had an Energy Release Component above 62.

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

Years to Remember: [2015](#) [2014](#)



Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2pm temperature, humidity, daily temperature and RH ranges, and precipitation duration.
- ✓ Wind is NOT a part of ERC calculation
- ✓ Watch local conditions and variations across the landscape – fuel, weather, and topography.
- ✓ Listen to weather forecasts – especially wind.

Past Experience:

| | | | |
|---------------------|--|-------------|--------|
| BUCKSKIN FIRE | 06/11/2015 (<i>date of ignition</i>) | 5,345 acres | ERC=50 |
| ONION MOUNTAIN FIRE | 09/13/2014 (<i>date of ignition</i>) | 4,106 acres | ERC=74 |
| OAK FLAT FIRE | 08/13/2010 (<i>date of ignition</i>) | 7,494 acres | ERC=54 |

- 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.