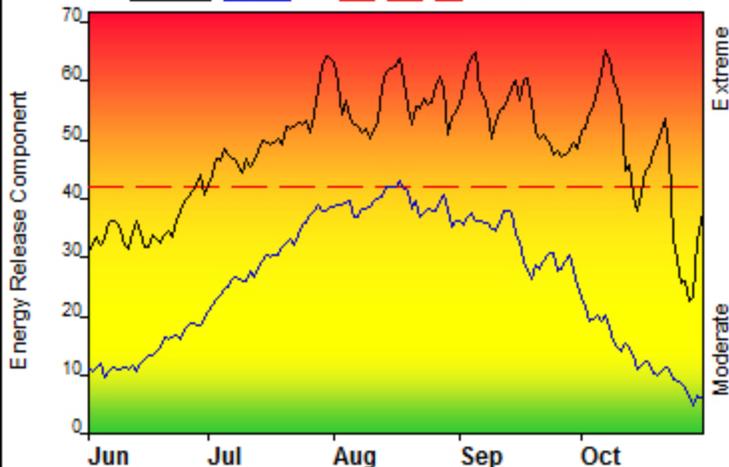


FIRE DANGER -- ODF South Cascade District

Maximum, Average, and 81th Percentile, based on 20 years data



Fire Danger Area:

- ◆ ODF South Cascade Dist.
- ◆ Fire Wx Zone 808 & 808
- ◆ Trout, Brush Pebble 1:1:1
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



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

Maximum -- Highest Energy Release Component by day for 1997 - 2016

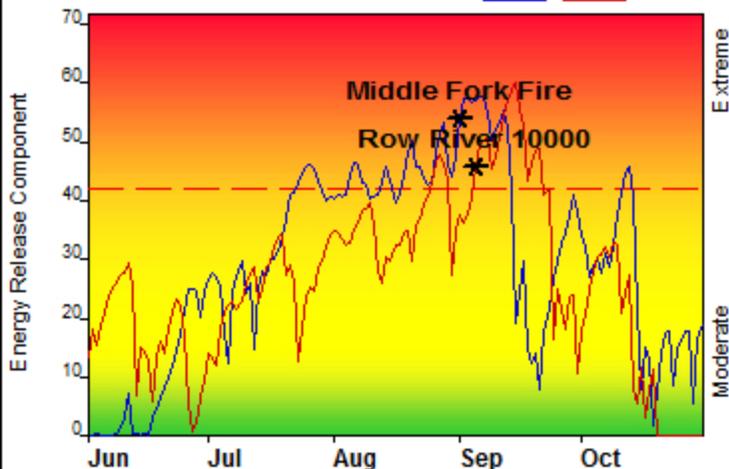
Average -- shows peak fire season over 20 years (3060 observations)

81th Percentile -- Only 19% of the 3060 days from 1997 - 2016 had an Energy Release Component above 42

Local Thresholds - Watch out:

- Combinations of any of these factors can greatly increase fire behavior:
- 20' Wind Speed over 12 mph, RH less than 33%, Temperature over 85, Woody Fuel Moisture less than 110

Years to Remember: 2006 2014



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:

The Cascade Crest is an area of Wx Zone transition and exhibits Wx from Westside Zone 808 & Eastside Zone 810.

Area experiences East Winds, particularly during late summer/early fall.

East Winds warm and dry fuels quickly.

Haines Index values of 5 or 6 indicate potential for large fire growth and extreme fire behavior.

1000 hour fuel moisture less than 16 is a watch out situation.

Responsible Agency: ODF South Cascade District

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