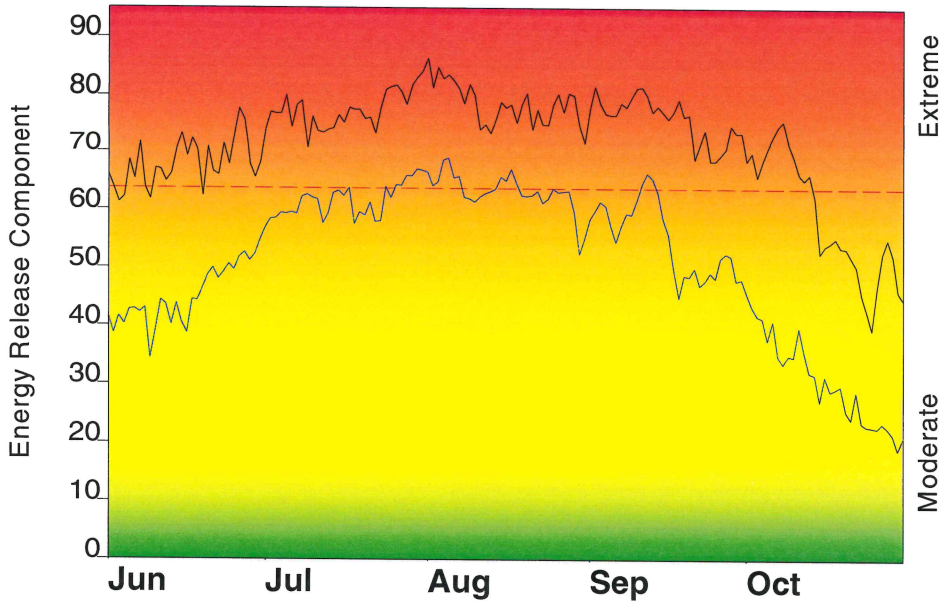
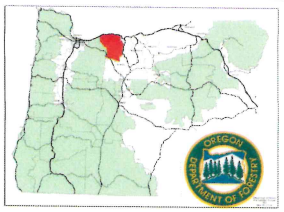
FIRE DANGER -- The Dalles Unit ODF

Maximum, Average, and 72th Percentile, based on 13 years data



Fire Danger Area:

- The Dalles Unit
- Wx zone 639
- Wasco, Middle Mt (2.5:1)
  * 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 2006 - 2018

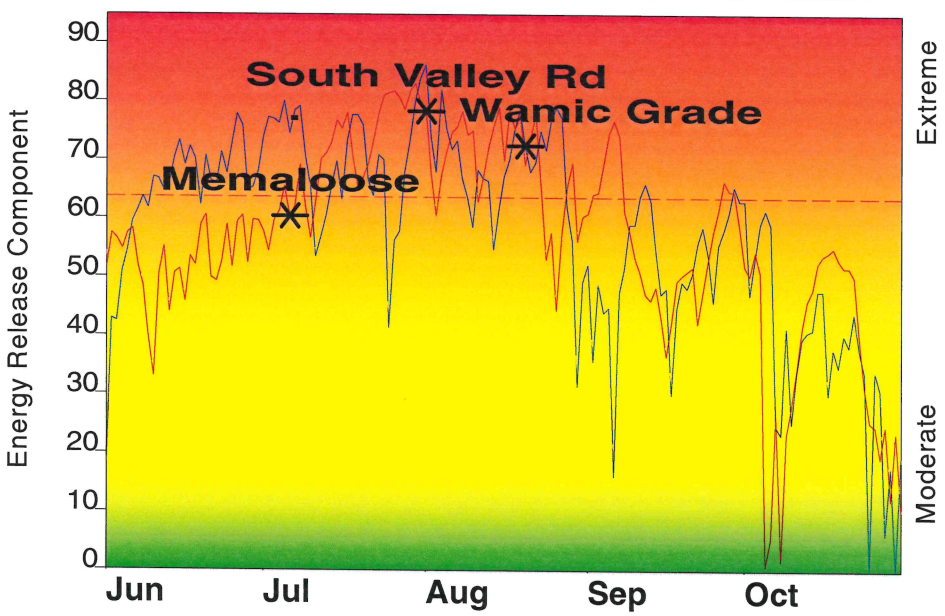
Average -- shows peak fire season over 13 years (1989 observations)

72th Percentile -- 28% of the 1989 days from 2006 - 2018 had an Energy Release Component above 64

Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior: **20' Wind Speed** over 15 mph, **RH** less than 25%, **Temperature** over 85, **Burning Index** over 50

Years to Remember: 2015 2018



Fuel Model: K - Light Slash

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:

100hr Fuel moisture less than 10% is an indicator of large fire growth.

Wind events in the Gorge are a major factor in large fire growth regardless of the ERC. West and East Wind events are a special concern in summer and fall. Wind gusts of 30-50 mph are not uncommon.

Responsible Agency: ODF Central Oregon District

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Design by NWCG Fire Danger Working Team