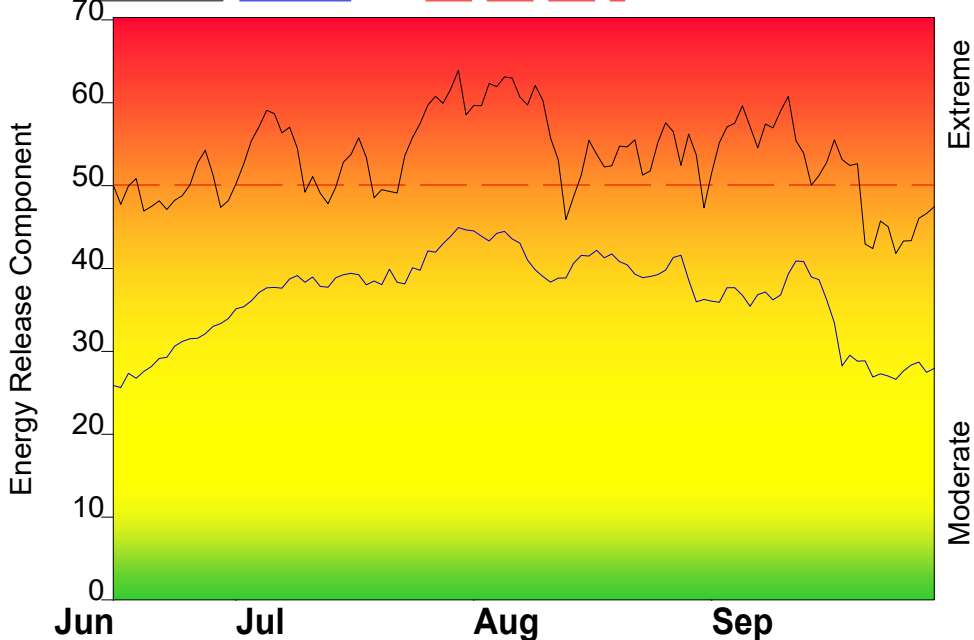


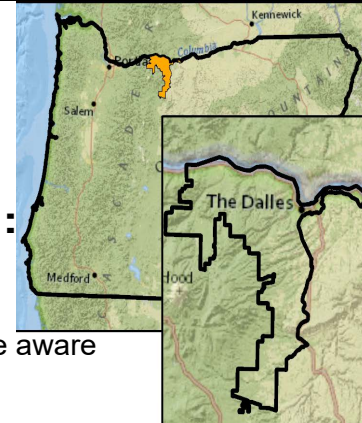
FIRE DANGER -- The Dalles

Maximum, Average, and 90th Percentile, based on 15 years data



Fire Danger Area:

- The Dalles
- Fire Wx Zone OR 639
- Middle Mtn & Wasco Butte
- * 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 - 2020

Average -- shows peak fire season over 15 years (1620 observations)

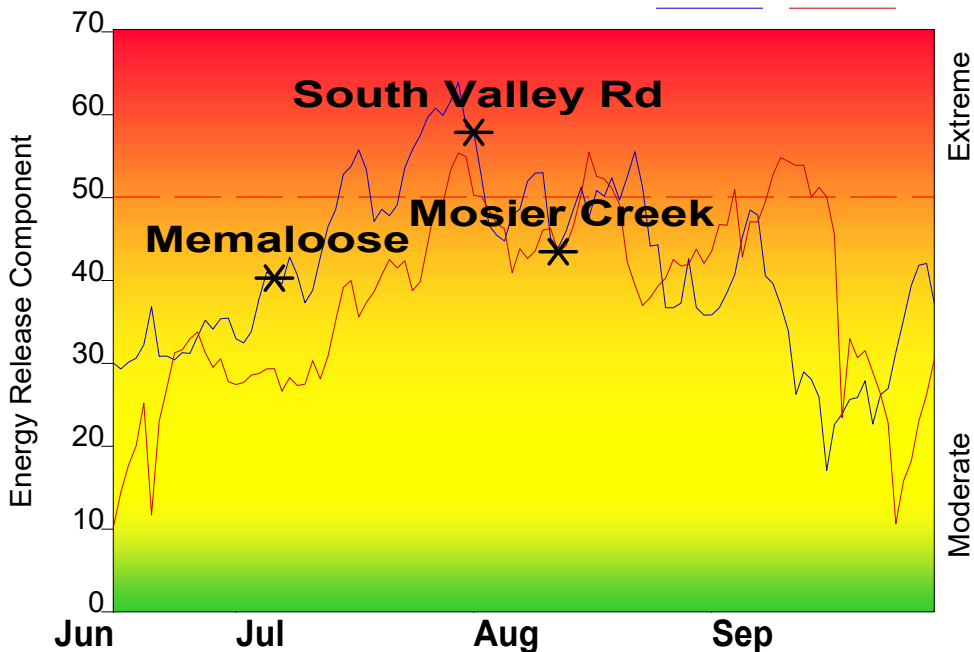
90th Percentile -- 10% of the 1620 days from 2006 - 2020 had an Energy Release Component above 50

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 26

Years to Remember: 2018 2020



Fuel Model: Y - Timber (2016)

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 13% 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.

Fire	Date	Acres	Temp	RH	ERC	BI	100 HR FM
Memaloose	7/6/2018	73	78	43%	40	25	11%
SO Valley Rd	8/1/2018	20026	86	25%	57	38	10%
Mosier Cr	8/12/2020	985	66	35%	43	29	12%

Responsible Agency: ODF- The Dalles, USFS CGF
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Design by NWCG Fire Danger Working Team