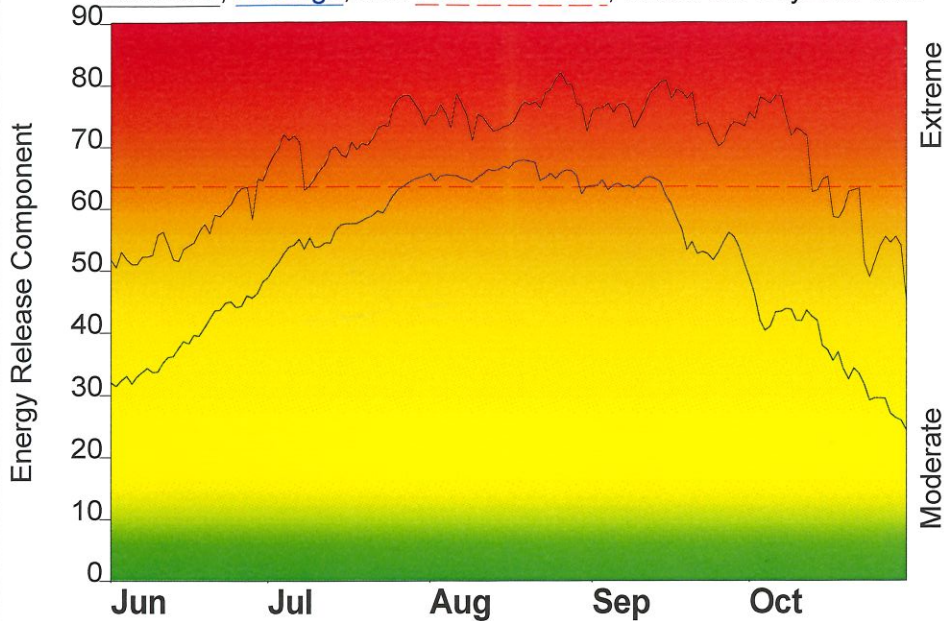


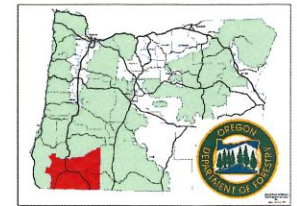
FIRE DANGER -- Southwest Oregon

Maximum, **Average**, and **70th Percentile**, based on 15 years data



Fire Danger Area:

- Southwest Interior
- Fire Wx Zone 620,623
- Evans, Merlin, Squaw, Buck
- * 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 2004 - 2018

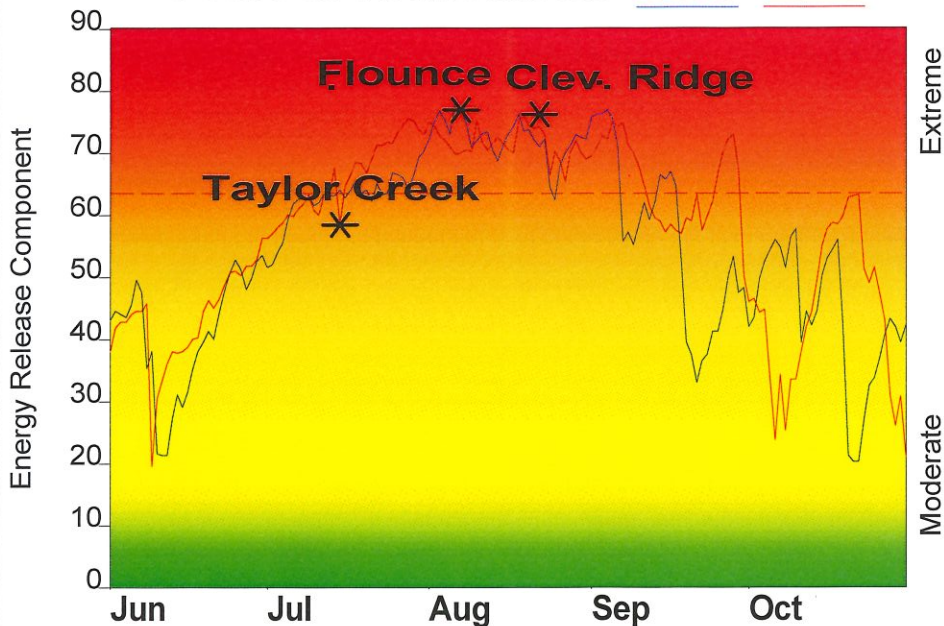
Average -- shows peak fire season over 15 years (2295 observations)

70th Percentile -- 30% of the 2295 days from 2004 - 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 22%,
Temperature over 90, **1000-Hour Fuel Moisture** less than 10

Years to Remember: **2017** **2018**



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:

A combination of high ERC and local threshold values with Haines Index of 5 or 6 is associated with large fire growth.

FIRE	ERC/BI/1000Hr FM	Date	Acres
Taylor Creek	59/41/10	07/15/2018	52,936
Flounce	77/56/8	08/07/2017	1,088
Cleveland Ridge	76/57/8	08/22/2016	520

Responsible Agency: ODF

FF+4.2 build 24.19 05/14/2019-16:32 (\\medford\Public\PROTE... \SWO_2019)

Design by NWCG Fire Danger Working Team