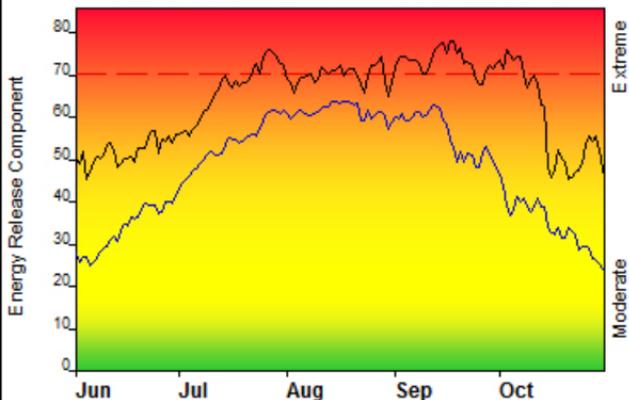


FIRE DANGER -- Southwest Oregon

Maximum, Average, and 95th Percentile, based on 11 years data



Fire Danger Area:

- ◆ Southwest Interior
- ◆ Fire Wx Zone 620,623
- ◆ Union2,Merlin,Squaw,Buck
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



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

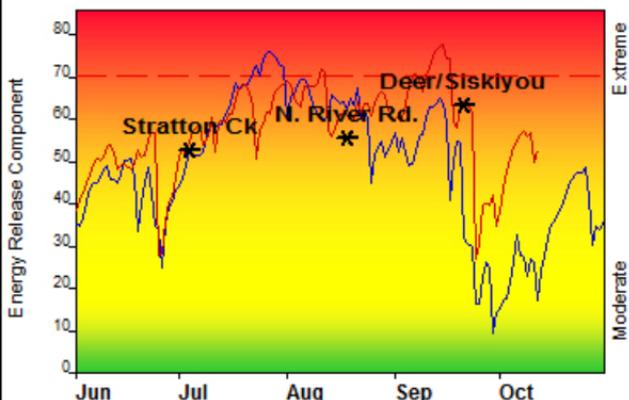
Maximum -- Highest Energy Release Component by day for 2004 - 2014

Average -- shows peak fire season over 11 years (1864 observations)

95th Percentile -- Only 5% of the 1864 days from 2004 - 2014 had an Energy Release Component above 70

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior:
20' Wind Speed over 15 mph, **RH** less than 23%,
Temperature over 85, **1000-Hour Fuel Moisture** less than 12

Years to Remember: 2013 2014



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 Haines Index of 5 or 6 is associated with large fires. A 1000-fuel moisture below 12%, and temperatures exceeding 85 also contribute to extreme fire behavior.

FIRE	ERC/BI/1000Hr FM	Date	Acres
CURRENT			
Deer/Siskiyou	63/70/11	9/21/2009	823
7/28/13 Complex	75/87/9	7/28/2013	46,819
Oregon Gulch	68/56/10	7/30/2014	8,306

Responsible Agency: ODF

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Design by NWCG Fire Danger Working Team