

Fire Danger Area:

- ◆ Mt. Hood NF - Westside
- ◆ Fire Weather Zone 607
- ◆ Redbox RAMS 350718
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



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

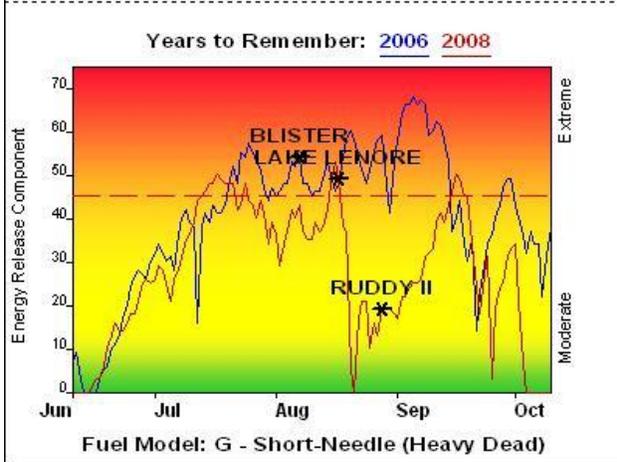
Maximum -- Highest Energy Release Component by day for 1985 - 2009

Average -- shows peak fire season over 25 years (2919 observations)

90th Percentile -- Only 10% of the 2919 days from 1985 - 2009 had an Energy Release Component above 45

Local Thresholds - Watch out:

- Combinations of any of these factors can greatly increase fire behavior:
- 20' Wind Speed over 3 mph, RH less than 35%,
 - Temperature over 68, 1000-Hour Fuel Moisture less than 18



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:

- Blister - 8/7/2006, 790 Acres, ERC-54, RH-22%, Temp-85, Wind NW at 5, 1000hr Fuels-12.
 - Lake Lenore - 8/17/2008, 406 Acres, ERC-38, RH-40%, Temp.- 83, Wind SW at 1, 1000hr Fuels-15.
 - Ruddy II - 8/28/2008, 48 Acres, ERC-19, RH-50%, Temp.-75, Wind NW at 4, 1000hr Fuels-22.
- ERC is related to the 24-hour, potential worst case, total available energy within the flaming front of the fire (BTUs/sq.ft.). East winds can increase potential for large fires. Effective June 1, 2010

Responsible Agency: USDA, Forest Service
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Design by NWCG Fire Danger Working Team