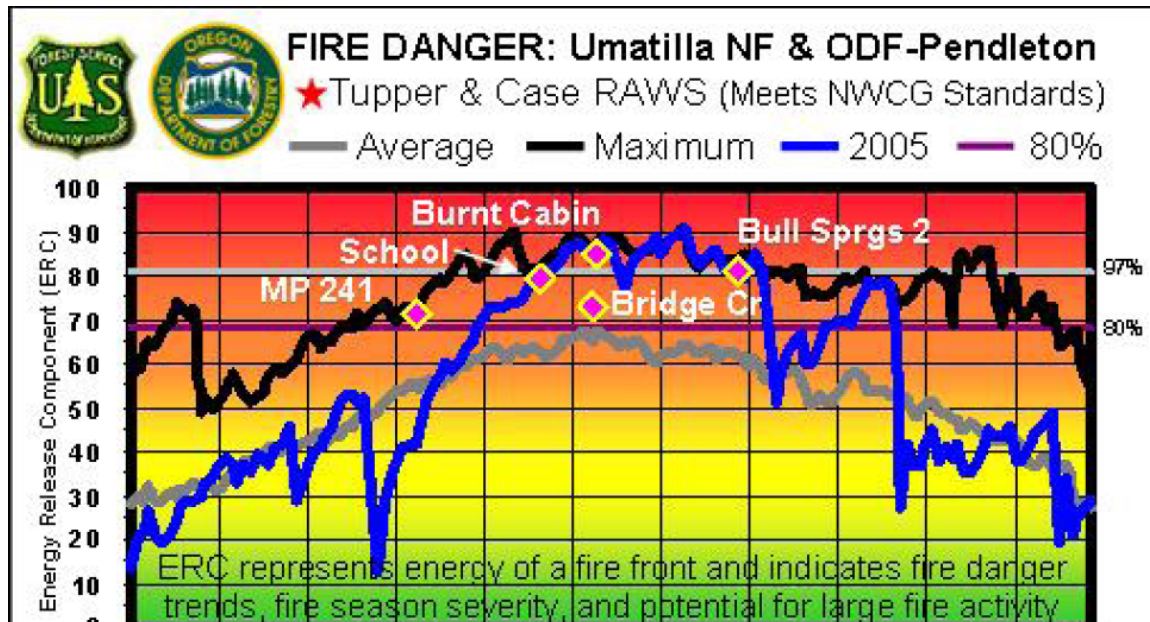


2007 ERC Cards  
 Northeast Oregon District

Pendleton Unit (NOTE: These cards are valid for two years) -



**Fire Danger Area:** Blue Mountains; Fire Wx Zones 632,633

**Fire Danger Interpretation:**



- Extreme:** Use Extreme Caution
- Moderate:** Watch for changes, especially wind
- Low:** Lower potential, but always remain alert

**Maximum** – Highest ERC by day from 1986-2005

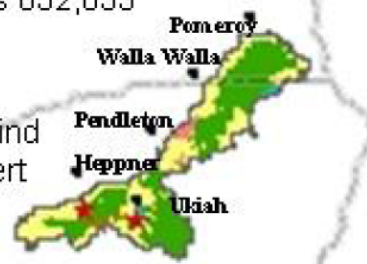
**Average** – Average ERC by day from 1986-2005

**2005** – ERC by day for a recent, severe fire season

**80<sup>th</sup> Percentile** – Threshold value (ERC = 68) for large fire activity

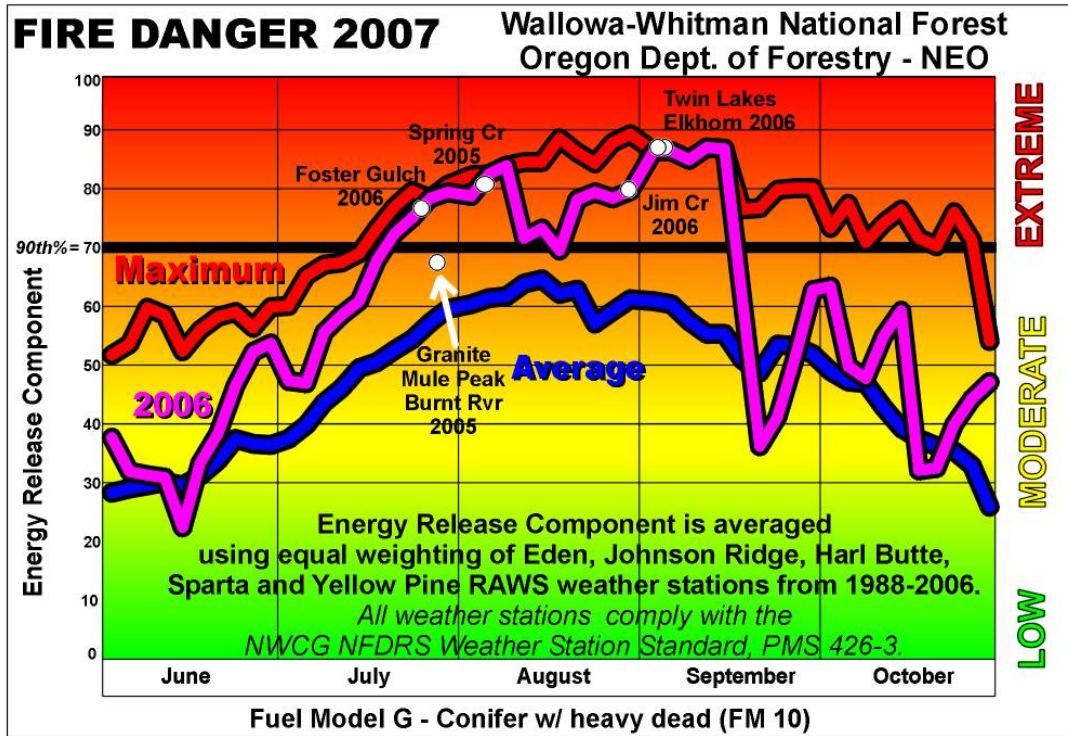
**Local Thresholds – Watch Out:** These factors in combination with a high ERC may greatly increase fire behavior: 20' winds > 10 mph; RH < 20%; Temp > 85; 1000 Hr FMC < 10%; Live Woody Fuel Moisture < 80%

**Past Experience:** Many large fires have occurred in this area with an ERC above 67. Haines Index 5 or 6 allows for large column development, potential for large fires, extreme fire behavior and plume dominated fires.



2007 ERC Cards  
 Northeast Oregon District

Baker, Union, Wallowa ERC Cards -



### Local Thresholds - Watch Out!!!

- ✓ Relative Humidity less than 15%  
 or <25% in High Elevation Fuels (subalpine fir)
- ✓ Winds Over 12 mph
- ✓ Temperature greater than 90
- ✓ 1000 Hour Fuel Moisture less than 11%
- ✓ Dry Lightning
- ✓ Cold Fronts with strong winds
- ✓ Haines Index 5 or 6
- ✓ Large fires often occur on days with multiple fires

### Northeast Oregon

### What Fire Danger Tells You-

Energy Release Component indicates Fire Season Severity and trends in fire season. It represents the heat released by fire and indicates potential for large fire activity and extreme fire behavior.

**Fuel Model G - Short Needle Conifer with Heavy Dead Fuels (FM-10)**

Fires occurring on days >90th % have exhibited extreme behavior with long range spotting, sustained crown fires and rapid rates of spread.

Foster Gulch	07/23/06	53,523 ac	80 erc	Granite	07/28/05	37,000 ac	67 erc
Jim Creek	08/22/06	12,946 ac	82 erc	Spring Cr	08/11/05	1,156 ac	80 erc
Twin Lakes	09/04/06	12,069 ac	89 erc	Elkhorn Complex	9/5/06	966 ac	89 erc

Produced by Wallowa-Whitman NF and NE Oregon Dept. Forestry - May 2007