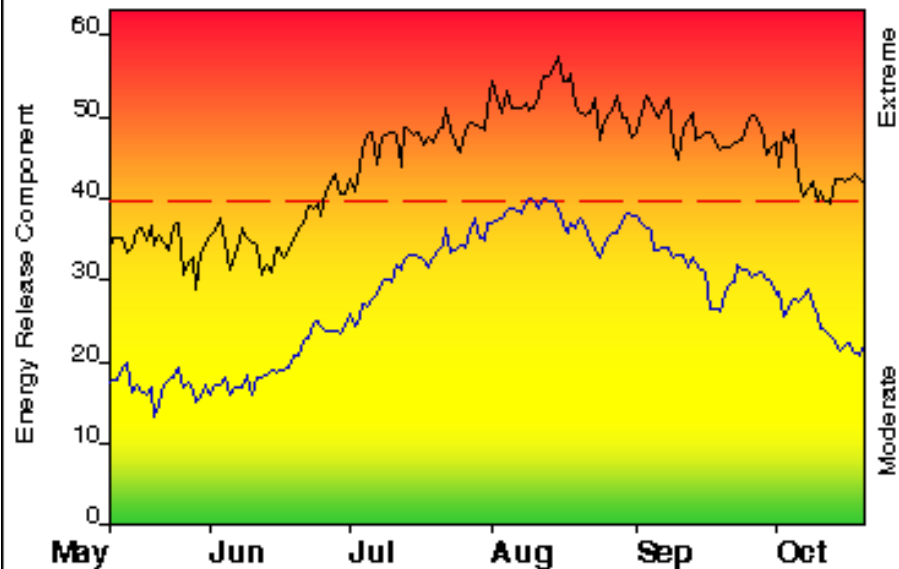


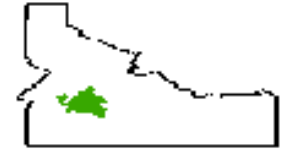
FIRE DANGER -- Boise Mountains

Maximum, Average, and 80th Percentile, based on 21 years data



Fire Danger Area:

- ◆ Southwest Idaho
- ◆ Fire Weather Zone 403,404
- ◆ SIG - Boise Mountains
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



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

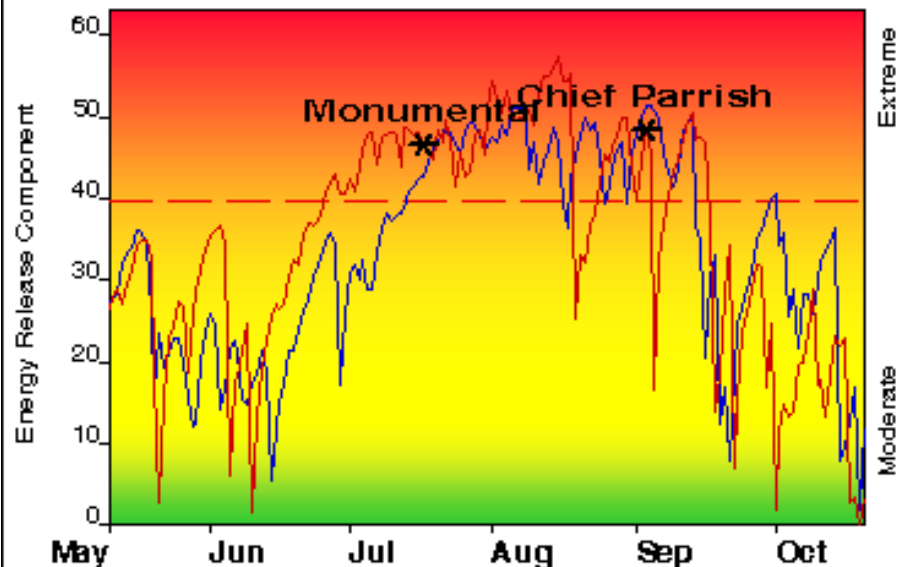
Maximum -- Highest Energy Release Component by day for 1987 - 2007

Average -- shows peak fire season over 21 years (3437 observations)

80th Percentile -- Only 20% of the 3437 days from 1987 - 2007 had an Energy Release Component above 40

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior:
 20' Wind Speed over 5 mph, RH less than 25%,
 Temperature over 80, Energy Release Component over 39

Years to Remember: 2006 2007



Fuel Model: H - Short-Needle (Normal 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:

Weather Stations Used 101108, 101222, 101223, 101708

Date	Fire Name	Size	ERC	Temp	RH	Wind
8/20/06	Rattlesnake	43,600	48	86	15%	3
7/17/07	Monumental	194,496	47	89	25%	9
9/03/07	Chief Parrish	3,736	49	91	13%	5

In this area, large fires tend to occur when the ERC is above the 80th percentile

Responsible Agency: ID-SW S and ID-BOF

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Design by NWCG Fire Danger Working Team