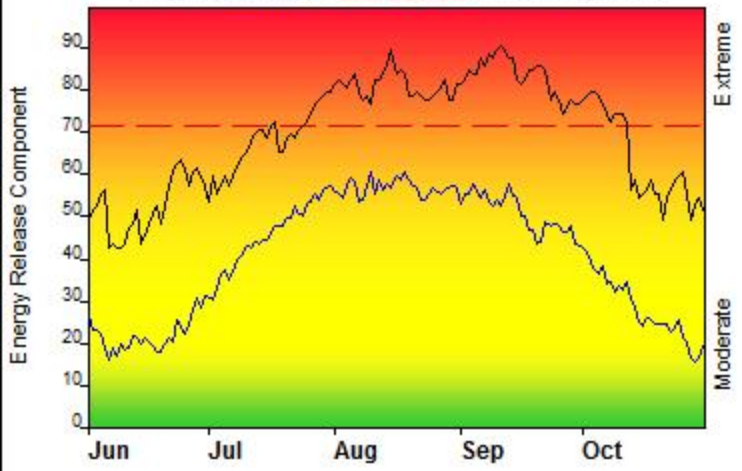
FIRE DANGER -- North Idaho-Southern Mountains

Maximum, Average, and 90th Percentile, based on 20 years data



Fire Danger Area:

- FWZ 101
- S1/2 CDC above 3,000'
- Nuckols RAWS (100423)
  * 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 1995 - 2014

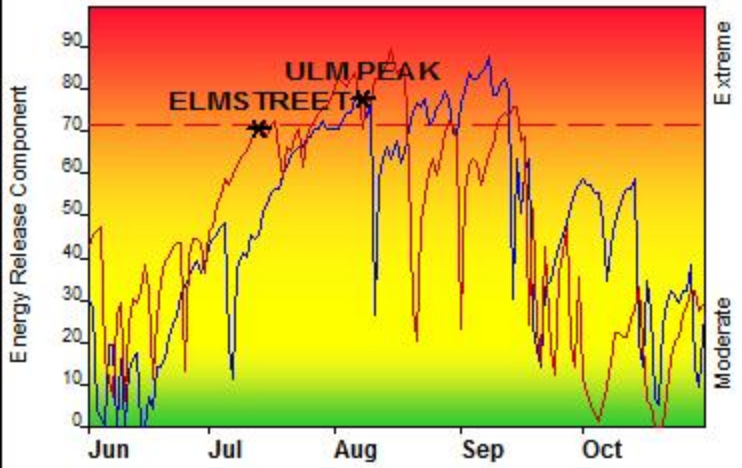
Average -- shows peak fire season over 20 years (2621 observations)

90th Percentile -- Only 10% of the 2621 days from 1995 - 2014 had an Energy Release Component above 71

Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior: **20' Wind Speed** over 15 mph, **RH** less than 20%, **Temperature** over 80, **1000-Hour Fuel Moisture** less than 15

Years to Remember: 2006 2007



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:

-In 2007, the Elm Street fire (50 acres) burned in a Fuel Model 10 in lodgepole pine. The fire experienced significant fuel-driven growth during the overnight hours and in flat terrain.

- In 2006, the 85 F, RH 12%, along with high winds (19 mph) led to notable events on the Ulm Peak fire which ultimately grew to 5000 acres through heavy fuels. Suppression efforts were hindered by steep topography (>40%).

- Pay attention to passing dry cold fronts, thermal belts, and low live fuel moistures that can increase fire activity.

- Online weather forecasts: FWZ 101-www.wrh.noaa.gov/otx

Responsible Agency: USFS, IDL, BLM, CDT

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Design by NWCG Fire Danger Working Team