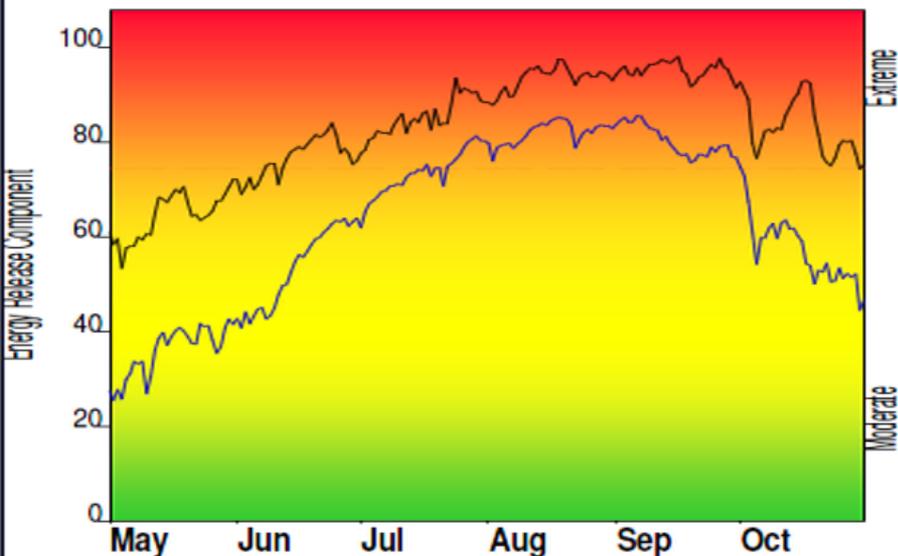


FIRE DANGER -- Plumas NF, Central Zone

Maximum, Average, and 60th Percentile, based on 12 years data



Fire Danger Area:

- PNF - Central Zone
- NWS FWZ-268
- Quincy, Cashman, Pierce Cr
- * Meets NWCG Wx Station Standards

Fire Danger Interpretation:



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

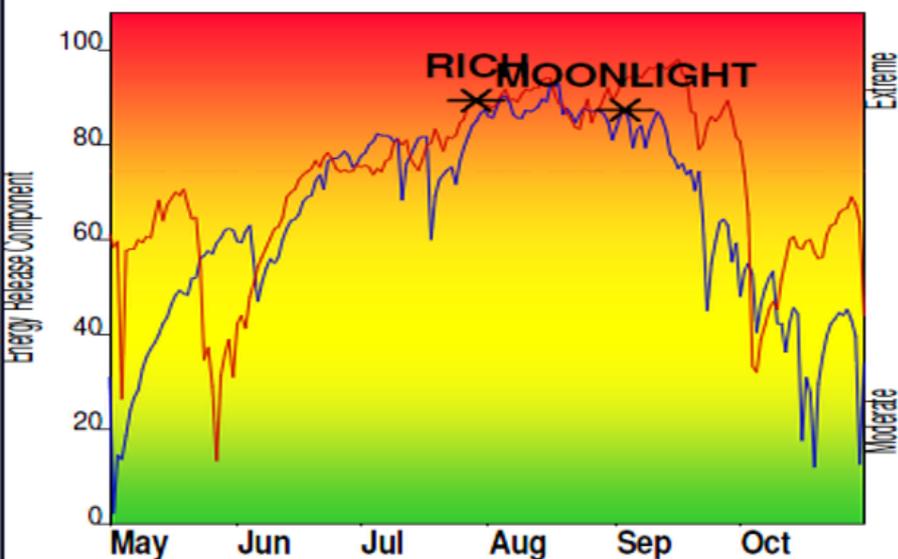
Maximum -- Highest Energy Release Component by day for 2001 - 2012

Average -- shows peak fire season over 12 years (2087 observations)

60th Percentile -- Only 40% of the 2087 days from 2001 - 2012 had an Energy Release Component above 75

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior:
20' Wind Speed over 6 mph, **RH** less than 20%,
Temperature over 80, **10-Hour Fuel Moisture** less than 5

Years to Remember: 2007 2008



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:

Fire in the Central Zone of the Plumas NF is greatly influenced by heavy fuels loadings, stand density and steep slopes. Fires burn with high intensity with torching and spotting, and will transition to the crowns when slope and wind come into alignment. Moonlight Fire (65000 acres) exhibited extreme fire behavior as it responded to heavy fuel loading, low RH and FM, wind and topography, at times spotting 2.5 to 3 miles ahead of itself. Rich Fire (5000 Acres) burning responded to canyon winds, slope and fuel loadings.

ERC > 60 and BI > 46 = large fire potential (>10 Acres)

Responsible Agency: USFS

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