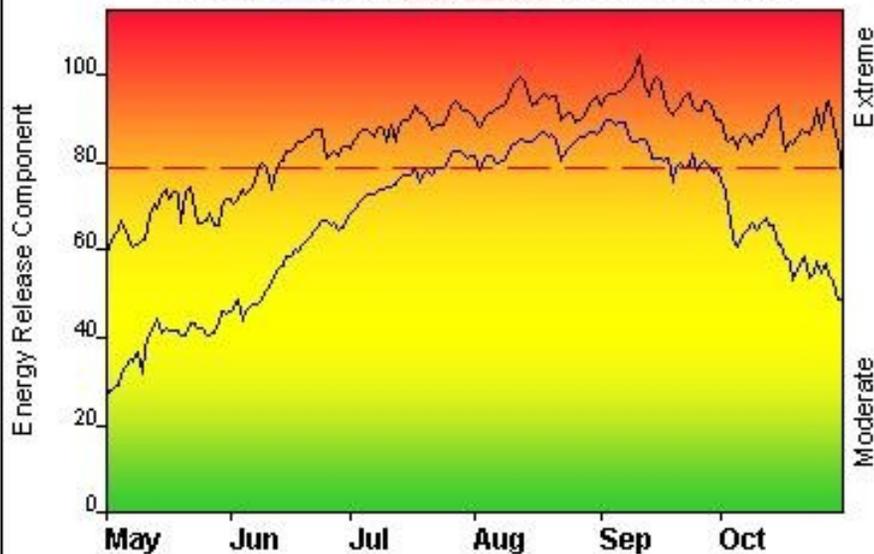


FIRE DANGER -- Plumas NF West Zone

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



Fire Danger Area:

- ◆ Plumas NF West Zone
- ◆ NWS FWZ- 266-268
- ◆ Pike County, Jarbo Gap
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



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

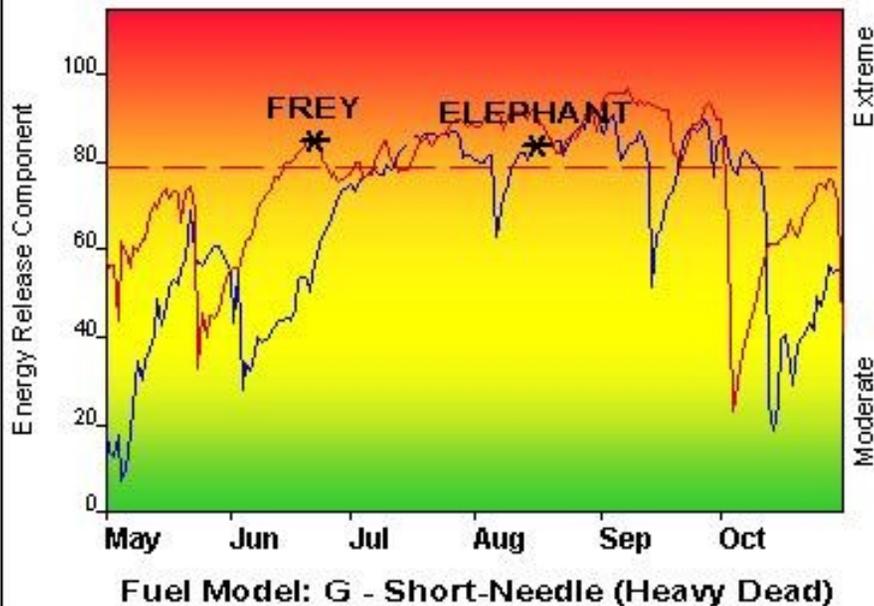
Maximum -- Highest Energy Release Component by day for 2001 - 2012

Average -- shows peak fire season over 12 years (2068 observations)

60th Percentile -- Only 40% of the 2068 days from 2001 - 2012 had an Energy Release Component above 78

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: 2009 2008



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 West Zone of the Plumas is greatly influenced by heavy fuel 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. Pay particular attention when on steep ground for rolling material and snags. West slope of the Sierra is prone to Foehn wind events (North Wind) in the spring and fall. West Zone starts to experience fires > 10 acres at 60th percentile wx. Frey Fire (10,000 acres) exhibited extreme fire behavior running downslope under NE wind conditions. Elephant Fire (445 acres) responded to steep slopes and fuels loadings.

Responsible Agency: USFS/CalFire
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