FIRE DANGER -- Walker Range

Maximum, Average, and 84th Percentile, based on 22 years data

Energy Release Component

Jun Jul Aug Sep Oct

Extremely

Moderate

Fire Danger Area:
- Walker Range
- Wx zone 811
- Lava Butte 352618
  * Meets NWCG Wx Station Standards

Fire Danger Interpretation:
- **EXTREME** -- Use extreme caution
- **Moderate** -- Lower Potential, but always be aware

Maximum -- Highest Energy Release Component by day for 1992 - 2013
Average -- shows peak fire season over 22 years (3361 observations)
84th Percentile -- Only 16% of the 3361 days from 1992 - 2013
  had an Energy Release Component above 77

Local Thresholds - Watch out:
  Combinations of any of these factors can greatly increase fire behavior:
  20' Wind Speed over 10 mph, RH less than 15%,
  Temperature over 85, Woody Fuel Moisture less than 80

Years to Remember: **2008 2013**

Stage Coach Rd Royce Butte

Energy Release Component

Fuel Model: K - Light Slash

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:
1000 hr fuel moisture below 10% is an indicator of problem fire behavior for this area.
Probability of large fires greatly increases as the ERC exceeds 77.
The passage of a thermal trough causes rapid increase in observed fire behavior.

Responsible Agency: Walker Range
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Design by NWCG Fire Danger Working Team