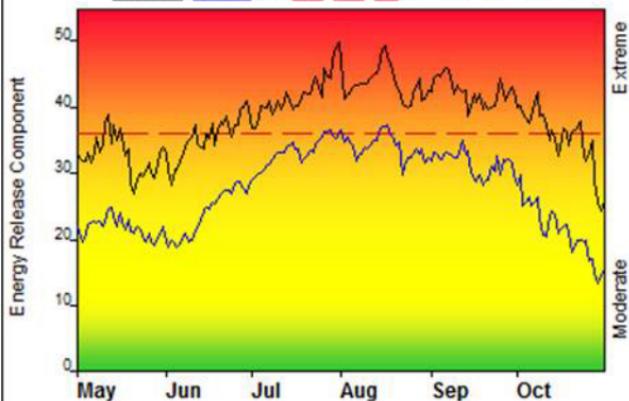


FIRE DANGER -- Monument

Maximum, Average, and 80th Percentile, based on 14 years data



Fire Danger Area:

- ◆ FDRA Monument
- ◆ Forecast ORZ 610/611
- ◆ SIG Lava/Cabin/Colgate
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



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

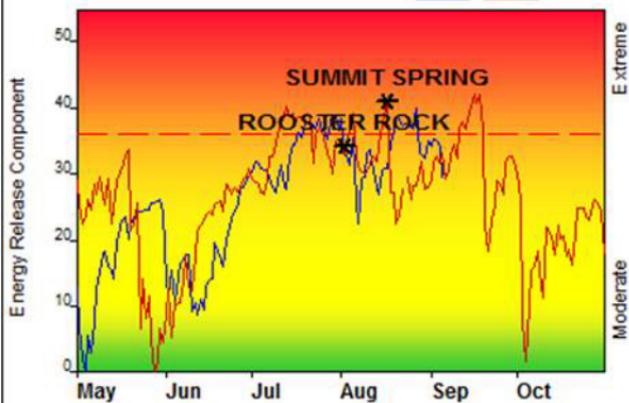
Maximum -- Highest Energy Release Component by day for 1999 - 2012

Average -- shows peak fire season over 14 years (2502 observations)

80th Percentile -- Only 20% of the 2502 days from 1999 - 2012 had an Energy Release Component above 38

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

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:

Common Conditions that Contribute to Large Fire Growth

1000 hr FM < 10%

Haines index of 5-6

ERC > 38

Strong Downslope West Winds are Associated with Unexpected Fire Growth

Responsible Agency: USFS/BLM

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Design by NWCG Fire Danger Working Team