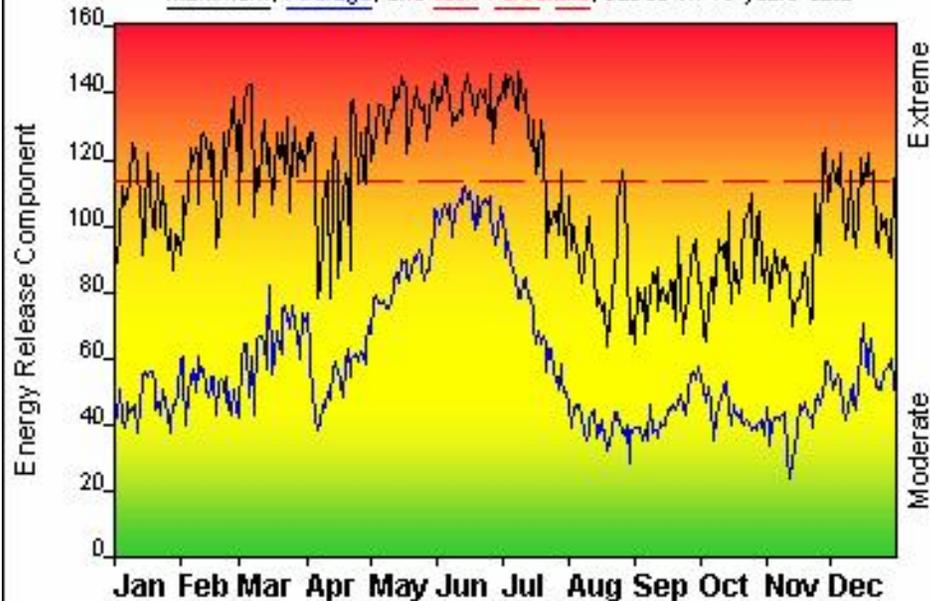


FIRE DANGER -- Tonto National Forest B Model

Maximum, Average, and 90th Percentile, based on 15 years data



Fire Danger Area:

- ◆ Central Arizona
- ◆ Weather Zone 133
- ◆ Globe 020601
- * Meets NWCG Wx Station Standards

Fire Danger Interpretation:



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

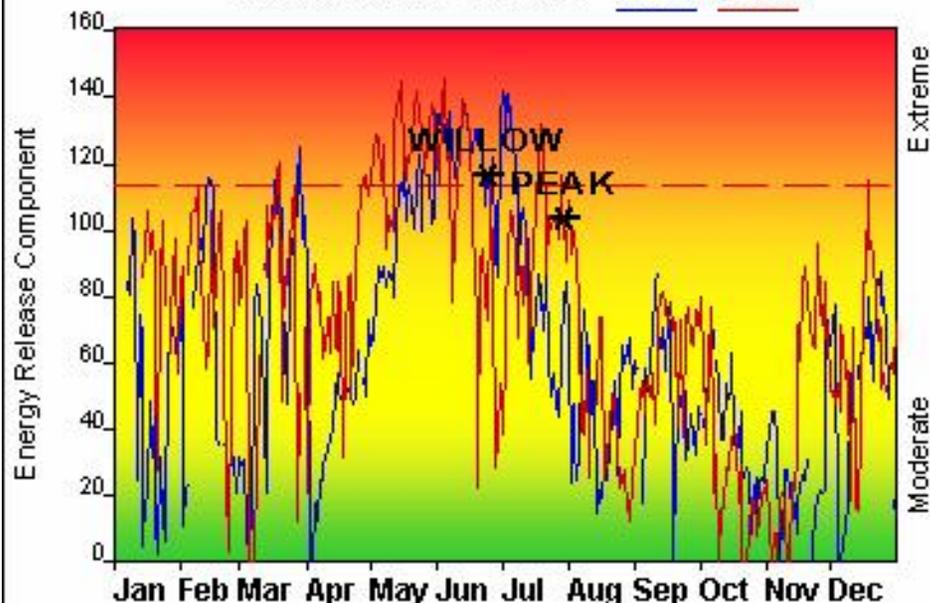
Maximum -- Highest Energy Release Component by day for 1993 - 2007

Average -- shows peak fire season over 15 years (4823 observations)

90th Percentile -- Only 10% of the 4823 days from 1993 - 2007 had an Energy Release Component above 113

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

Years to Remember: 2004 2000



Fuel Model: B - California Chaparral

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:

Characteristics of the B model observed on the Tonto:

- Erratic fire behavior associated with thunderstorm activity.
- Poor night time recovery, watch for temperatures remaining above 68 degrees and relative humidities below 15%.
- Sundowner (evening) winds can develop very quickly.
- Extreme fire behavior when live fuel moistures fall below 75%.

Treat fellow firefighters with respect.
 Responsible Agency: Tonto National Forest
 FF+3.0.5 04/25/2007-09:52 (C:\sapps\vsprod\am\Fire...020601 B model Pocket Card.mdb)

Design by NWCG Fire Danger Working Team