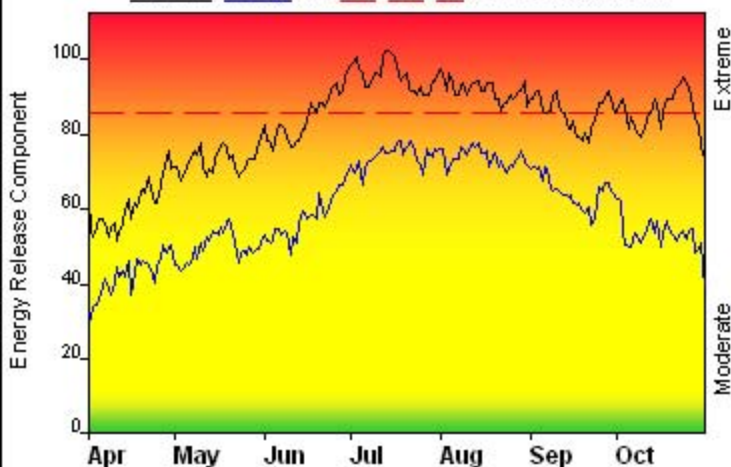


FIRE DANGER -- Rock Springs Field Office

Maximum, Average, and 90th Percentile, based on 17 years data



Fire Danger Area:

- ◆ Wx zone 279
- ◆ Snow Spring Creek RAMS
- ◆ 481904
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



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

Maximum -- Highest Energy Release Component by day for 1990 - 2009

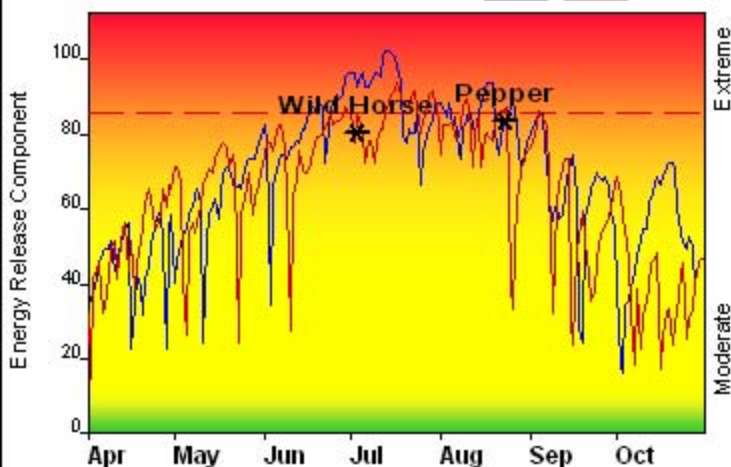
Average -- shows peak fire season over 17 years (3142 observations)

90th Percentile -- Only 10% of the 3142 days from 1990 - 2009 had an Energy Release Component above 85

Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior:
20' Wind Speed over 25 mph, RH less than 10%,
Temperature over 80

Years to Remember: 2002 2006



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:

Area south of Rock Springs has highest fire frequency in HDD
Most fires in that area are single tree or groups of Juniper
Thunderstorms can produce multiple starts
Fires can spread rapidly with winds of over 25 mph
Some areas are prime candidates for "Management for Resource Benefit"