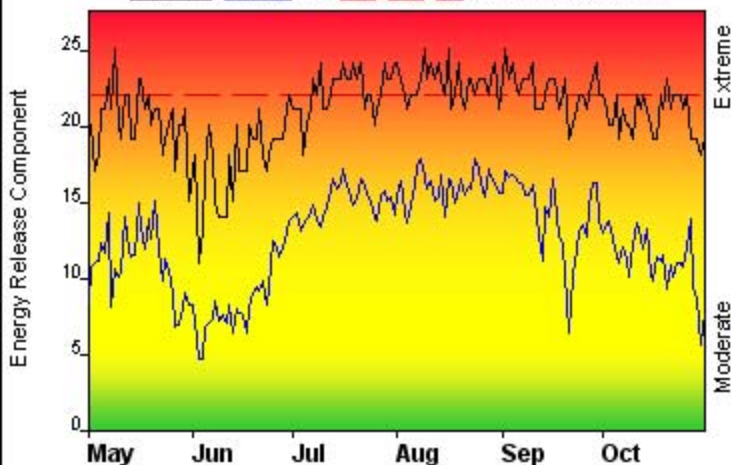


## FIRE DANGER -- Casper Mountain

Maximum, Average, and 95th Percentile, based on 18 years data



## Fire Danger Area:

- ◆ Casper Mountain
- ◆ Wx Zone 280, Natrona Cnty
- ◆ Casper Mountain RAWIS
- \* Meets NWCG Wx Station Standards



## Fire Danger Interpretation:



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

Maximum -- Highest Energy Release Component by day for 1992 - 2009

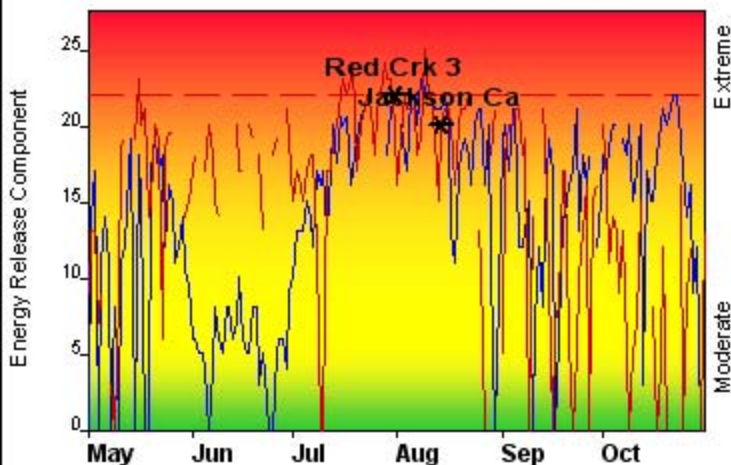
Average -- shows peak fire season over 18 years (3434 observations)

95th Percentile -- Only 5% of the 3434 days from 1992 - 2009 had an Energy Release Component above 22

## Local Thresholds - Watch out:

- Combinations of any of these factors can greatly increase fire behavior:
- 20' Wind Speed over 15 mph, RH less than 25%, Temperature over 90, 1-Hour Fuel Moisture less than 10

## Years to Remember: 2003 2006



Fuel Model: C - Pine-Grass Savanna

## 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:

Major areas of concern for Casper Mountain are beetle killed timber and heavy WUI.

Responsible Agency: BLM

FF+4.0 beta3 06/24/2010-15:58 (S:\support\Fire\Fuels\_Reduction\NFDR...\Casper\_Mountain)

Design by NWCG Fire Danger Working Team