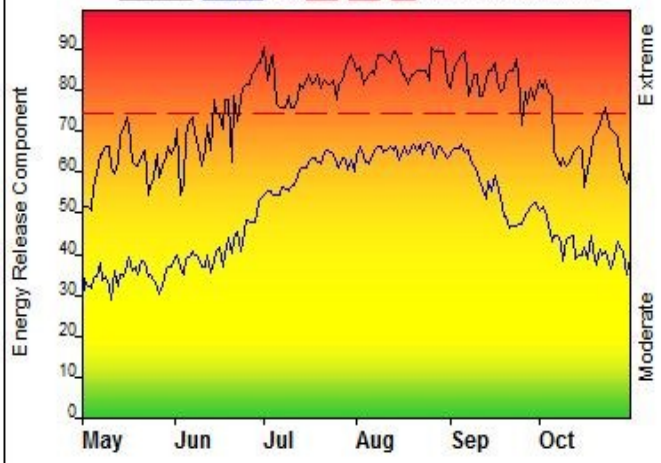
FIRE DANGER -- WY-BLM-HPD Casper Mountain

Maximum, Average, and 90th Percentile, based on 20 years data



Fire Danger Area:

- Casper Mountain
- 280& 300
- Casper Mountain RAWS
  * 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 1995 - 2014

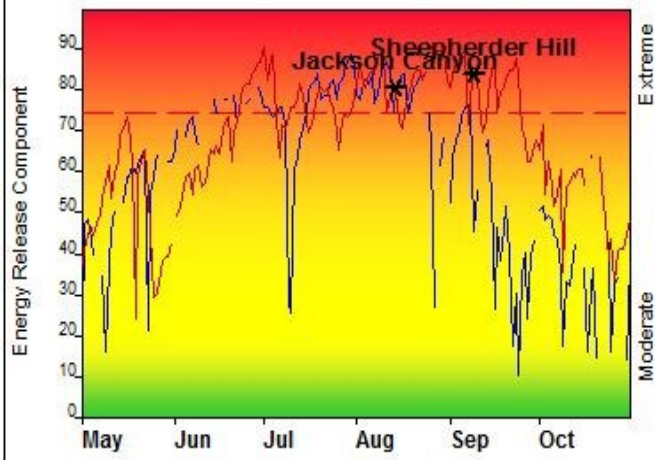
Average -- shows peak fire season over 20 years (3436 observations)

90th Percentile -- Only 10% of the 3436 days from 1995 - 2014 had an Energy Release Component above 74

Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior: **20' Wind Speed** over 15 mph, **RH** less than 20%, **Temperature** over 90, **LFI WoodyFM** over 90

Years to Remember: 2006 2012



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:

Major concerns on Casper Mountain are beetle killed timber within the Wildland Urban Interface.

The Jackson Canyon fire started on 8/14/2006 and burned 12,000 acres.

The Sheepherder Hill fire started on 9/9/2012 and burned 16,503.

Responsible Agency: BLM

FF+4.1 build 1622 04/29/2015-09:28 (S:\support\fire\Fuels_Reduction\NFDR...\Casper MNT)

Design by NWCG Fire Danger Working Team

Wyoming High Plains District
Fire Danger Rating Areas