

**Fire Danger Area:**

- ◆ East HDD
- ◆ 303,304,306,308,309,310
- ◆ 482011, 482105, 482106
- \* Meets NWCG Wx Station Standards

**Fire Danger Interpretation:**



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

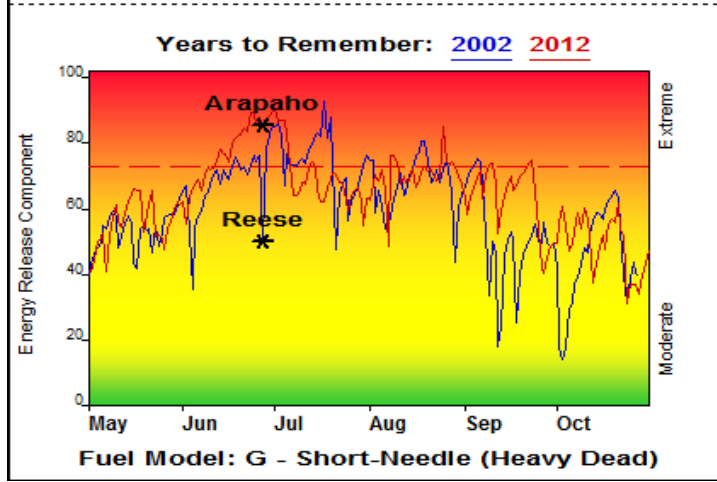
Maximum -- Highest Energy Release Component by day for 1989 - 2014

Average -- shows peak fire season over 26 years (4577 observations)

95th Percentile -- Only 5% of the 4577 days from 1989 - 2014 had an Energy Release Component above 72

**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, Energy Release Component over 87



**Remember what Fire Danger tells you:**

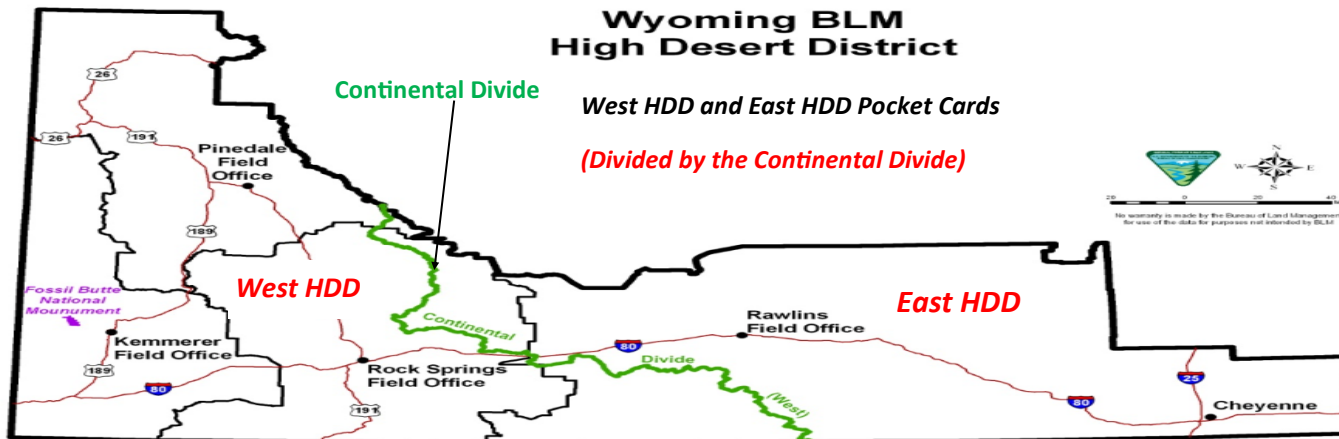
- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

**Past Experience:**

Reese--06/27/2002--18,677 acres--Lightning Caused-Low R.H.'s and high winds contributed to the high rate of spread-1 lightning caused fire exceeded 1,000 acres this same day.  
 Arapaho--08/27/2012--97,959 acres--Lightning Caused- Plume dominated with extreme fire behavior and significant fire runs of 10,000 acres were observed-Terrain driven-Poor access and fire behavior limited suppression actions.

Responsible Agency: BLM  
 FF+4.1 build 1622 05/26/2016-13:23 (C:\Workspace\FireFamilyPlus\HDD FDRA)

Design by NWCG Fire Danger Working Team



**FIRE WEATHER ZONES—West HDD-Zone 277, 278, 279, & 289 East HDD-Zones-303, 304 306, 308 309, & 310**

