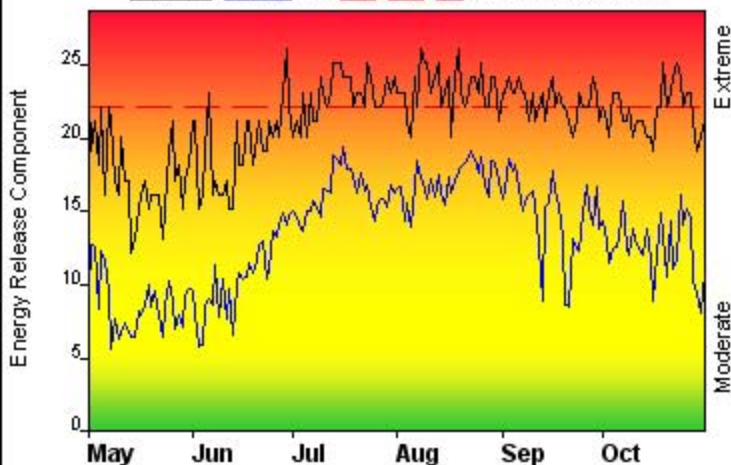


FIRE DANGER -- South Big Horns

Maximum, Average, and 95th Percentile, based on 13 years data



Fire Danger Area:

- ◆ Southern Big Horns
- ◆ Weather Zone 285
- ◆ Poker Creek RAMS
- * 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 1997 - 2009

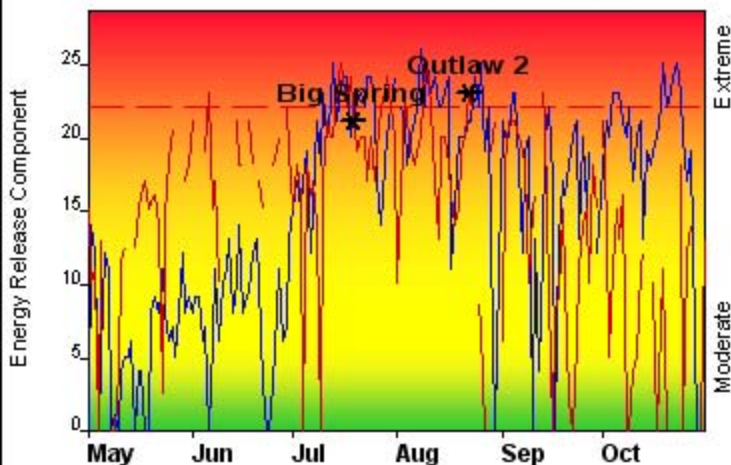
Average -- shows peak fire season over 13 years (2621 observations)

95th Percentile -- Only 5% of the 2621 days from 1997 - 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:

Terrain influence on wind can cause extreme fire behavior.
High mortality in timber from beetles and blister rust.

Responsible Agency: BLM

FF+4.0 beta3 06/24/2010-15:52 (S:\support\Fire\Fuels_Reduction\NF...Fuels_Poker_Echo)

Design by NWCG Fire Danger Working Team