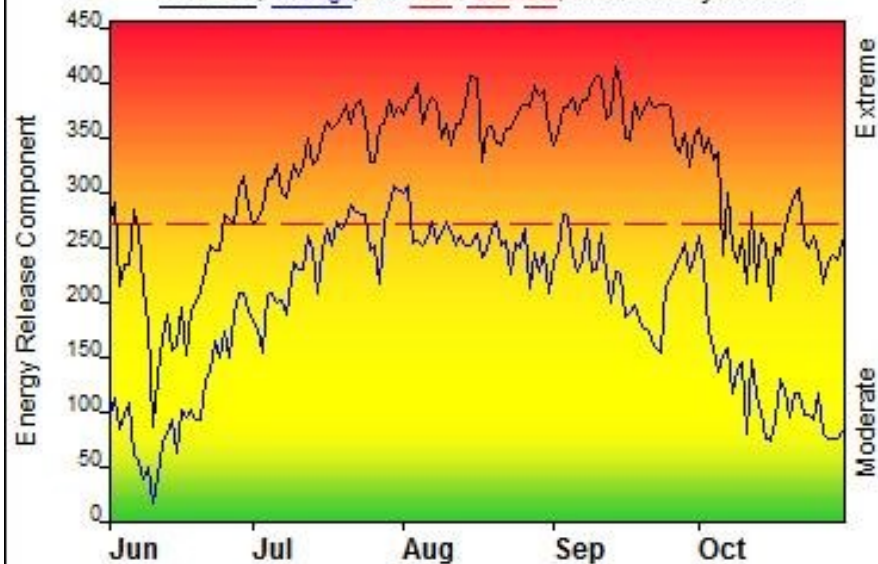


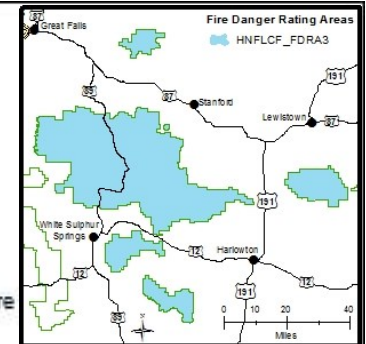
FIRE DANGER -- WSS/Standford/Harlow FDRA #3

Maximum, Average, and 70th Percentile, based on 10 years data



Fire Danger Area:

- ◆ Helena/L&C NF FDRA #3
- ◆ WX Zone 117
- ◆ Porphyry 243402 FM: I
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:

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

Maximum -- Highest Energy Release Component by day for 2003 - 2012

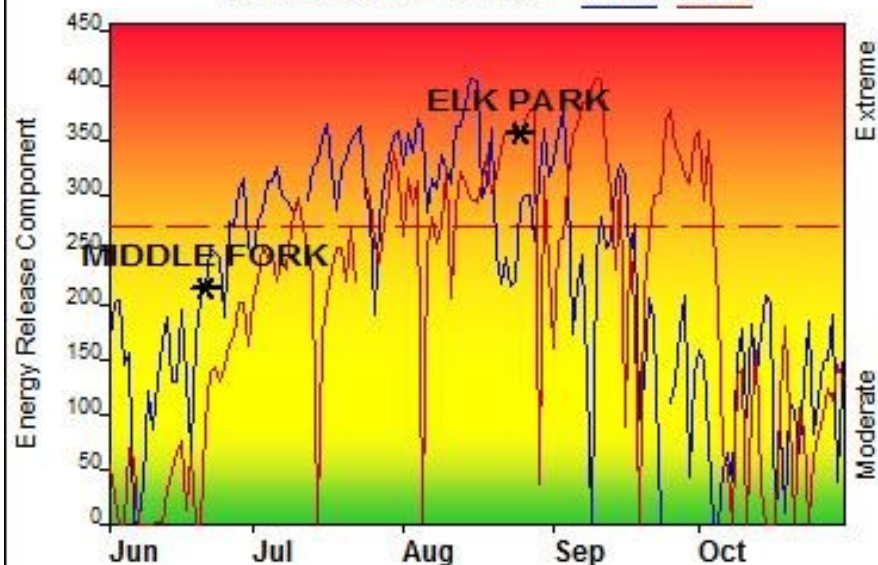
Average -- shows peak fire season over 10 years (1476 observations)

70th Percentile -- 30% of the 1476 days from 2003 - 2012 had an Energy Release Component above 269

Local Thresholds - Watch out:

- Combinations of any of these factors can greatly increase fire behavior:
- 20' Wind Speed over 16 mph, RH less than 22%,
 - Temperature over 68, Energy Release Component over 269

Years to Remember: 2007 2011



Fuel Model: I - Heavy Slash

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:

- Watch for bug killed fuels. Anticipate volatile transition from surface to crown fire with spots that can carry fire brands 2 miles or more.
- Elk Park 8/25/11 grew to 600 acres under a Red Flag for high winds.
- Middle Fork 6/21/07 (1,146 acres became active on day two due to a drop in RH, change in wind direction, coupled with less rain than the surrounding area.
- Current WX forecasts: <http://www.wrh.noaa.gov/tx>
- FDRA includes the Little Belts, Castle, Crazy, Snowy and Highwood mountain ranges.

Responsible Agency: USFS MT Helena - Lewis and Clark NF
 FF+4.2 build 142298 07/18/2016-17:14 (C:\Users\itscollier\Desktop\NFDRS\NFDR...EAST)

Design by NWCG Fire Danger Working Team