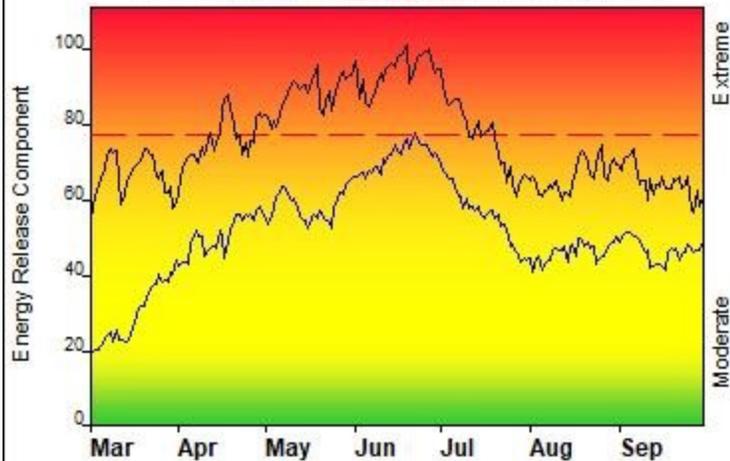


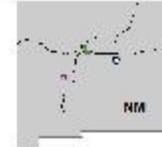
### FIRE DANGER -- Sandia RD

Maximum, Average, and 90th Percentile, based on 13 years data



### Fire Danger Area:

- ◆ Sandia RD
- ◆ Forecast Zone 101
- ◆ Oak Flats Raws, 291402
- \* Meets NWCG Wx Station Standards



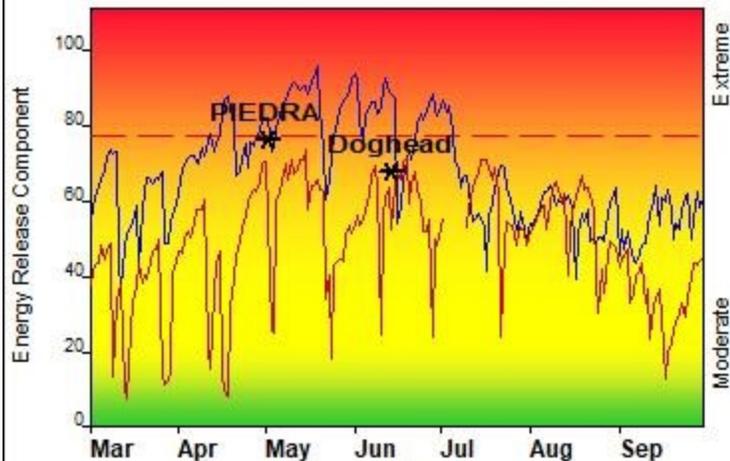
### Fire Danger Interpretation:

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

Maximum -- Highest Energy Release Component by 5 day period for 2007 - 2019  
 Average -- shows peak fire season over 13 years (2725 observations)  
 90th Percentile -- 10% of the 2725 days from 2007 - 2019 had an Energy Release Component above 77

**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 85, Energy Release Component over 78

### Years to Remember: 2018 2009



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:

Large fires can occur on days with moderate ERC values and without high winds. Ensure LCES is always in place and consider current and predicted fire weather when implementing suppression tactics.

Fire	Acres	ERC	Max Temp	Min RH	Max WS
Piedra	50	74	74	23	10
Doghead	17,874	60	80	10	18

Responsible Agency: USFS Cibola NF  
 FF+5.0 build 20191211 05/18/2020-14:03 (C:\Users\mollywright\Doc...\CIF\_Indices\_FFPv5)

Design by NWCG Fire Danger Working Team