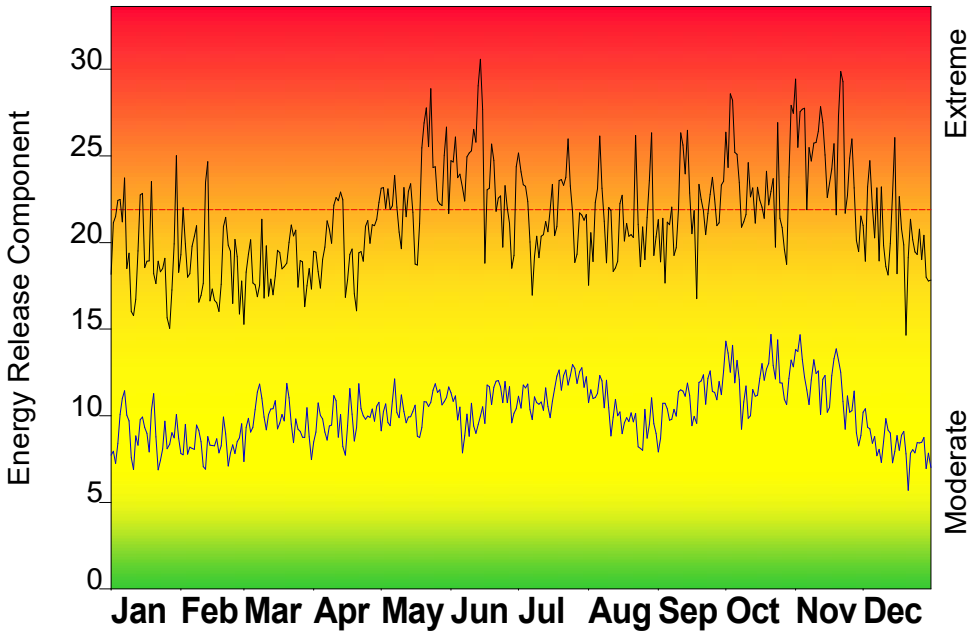
FIRE DANGER -- McRae Station

Maximum, Average, and 97th Percentile, based on 21 years data



Fire Danger Area:

- McRae Station
- Area 7

  * 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 - 2023

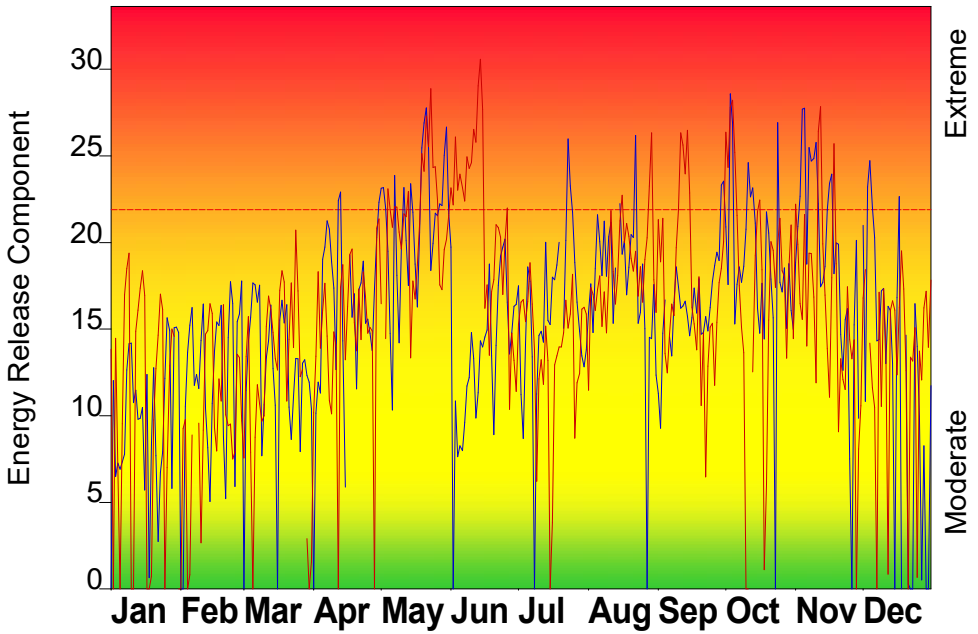
Average -- shows peak fire season over 21 years (7156 observations)

97th Percentile -- 3% of the 7156 days from 2003 - 2023 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 30%, **Temperature** over 90, **Keetch-Byram Drought Index** over 550

Years to Remember: 2007 2011



Fuel Model: C - Pine-Grass Savanna

Remember what Fire Danger tells you:

- ☑ Energy Release Component gives seasonal trends calculated from 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:

*Green fuels are very volatile and burn readily
*Some fuels are ready to burn within <1 hour after a rainfall
*Sandy soils found here require 4-wheel drive vehicles

*Problematic fire behaviors is likely where ERC > 65, BI >85 Dispersion Index >70, Mixing Height > 5000'

Responsible Agency: GFC

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Design by NWCG Fire Danger Working Team