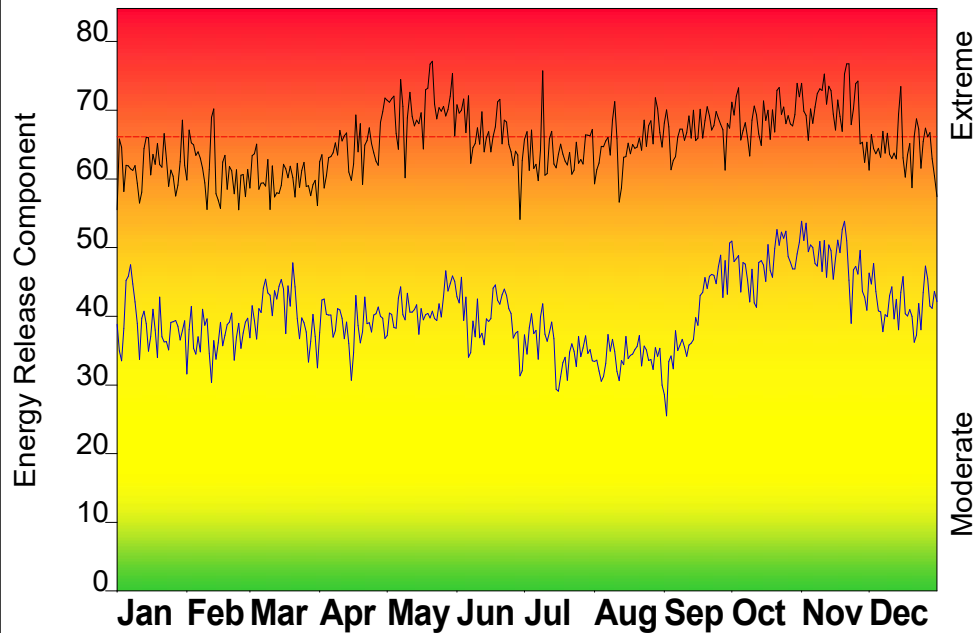


FIRE DANGER -- Adel Station

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



Fire Danger Area:

- Adel Station
- Area 9
- * 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 (7190 observations)

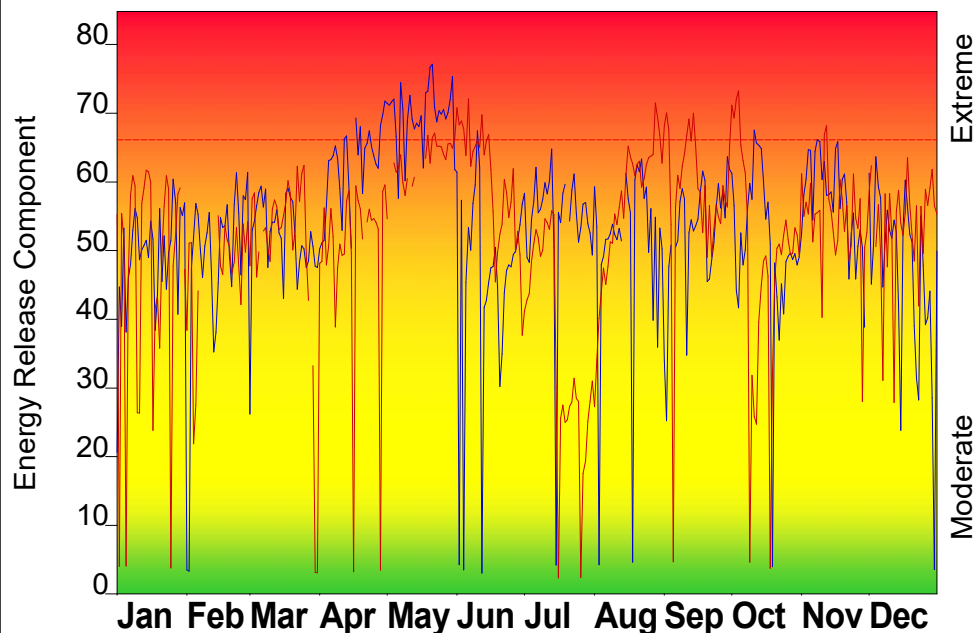
97th Percentile -- 3% of the 7190 days from 2003 - 2023 had an Energy Release Component above 66

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: D - Southern Rough

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

FF+5.0 build 20230303 03/09/2023-17:07 (C:\Us...\2023-03-06-WIMSDB-GFC)

Design by NWCG Fire Danger Working Team