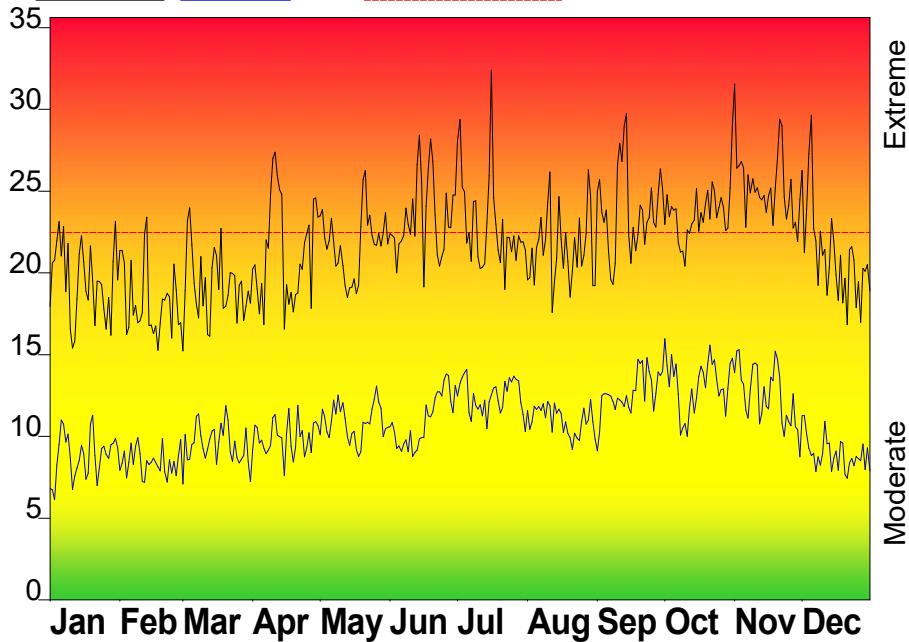


# FIRE DANGER -- Louisville Station

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



# Fire Danger Area:

- Louisville Station
- Area 5
- \* Meets NWCG Wx Station Standards

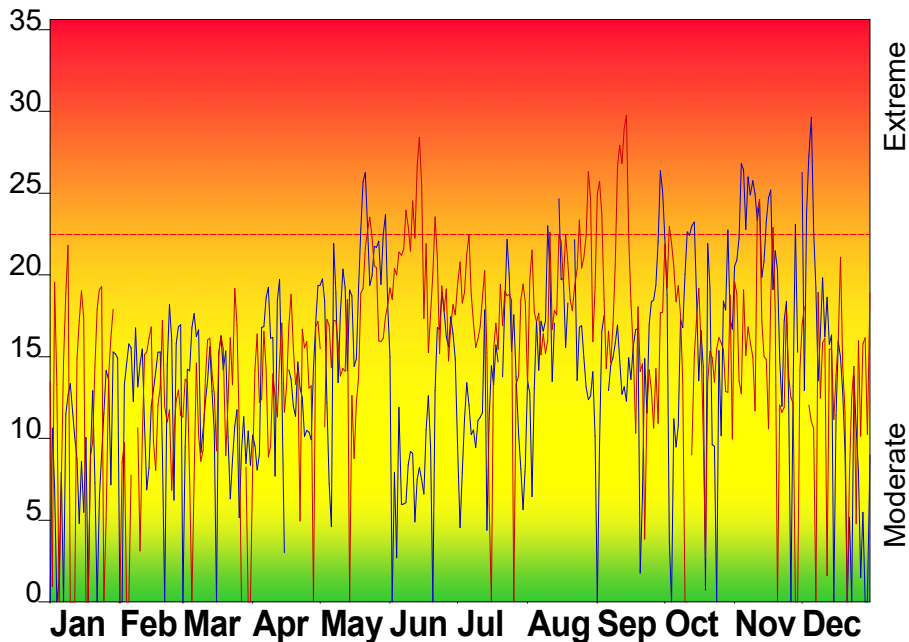
# Fire Danger Interpretation:

- 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 (7142 observations)  
 97th Percentile -- 3% of the 7142 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



# 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'

**Fuel Model: C - Pine-Grass Savanna**