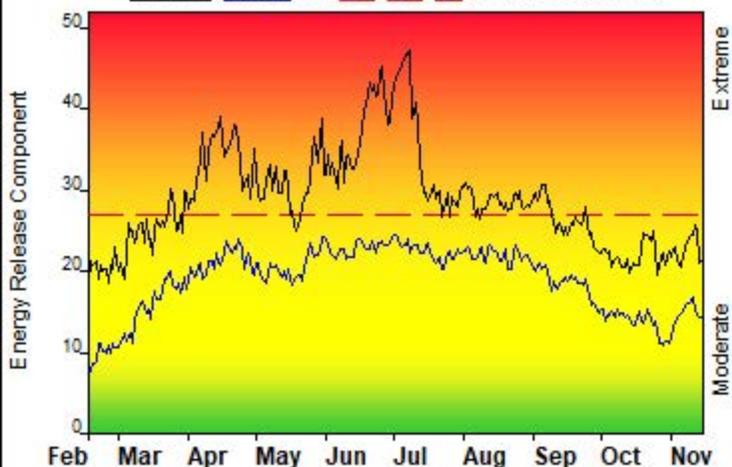


# FIRE DANGER -- OHIO NORTH: Spring-Summer-Fall

Maximum, Average, and 90th Percentile, based on 16 years data



## Fire Danger Area:

- ◆ OH NORTH 2/15-11-15
- ◆ NWS: RLX, ILN, PBZ, CLE
- ◆ SIG: Ohio North
- \* 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 2007 - 2022

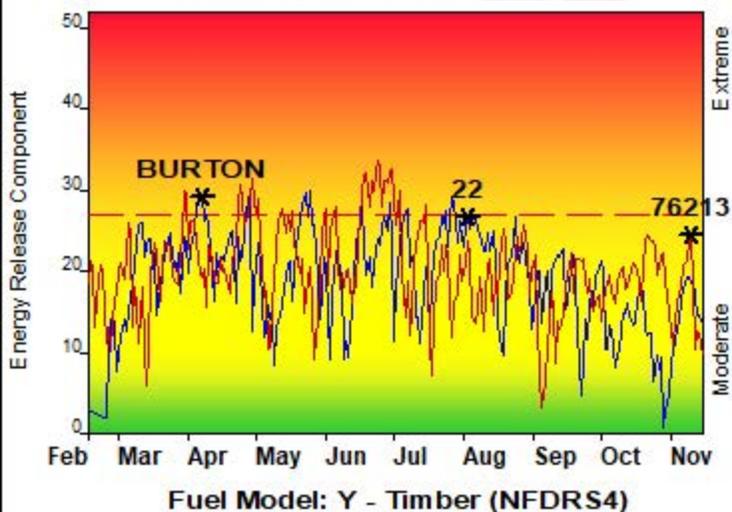
Average -- shows peak fire season over 16 years (4384 observations)

90th Percentile -- 10% of the 4384 days from 2007 - 2022 had an Energy Release Component above 27

## 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 70

## Years to Remember: 2021 2022



## 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:

- Burton Fire 4/7/2013; 54 acres; ERC 29
- 22 Fire 8/13/2021; 50 acres; ERC 22
- 76213 Fire 11/10/2022; 45 acres; ERC 24