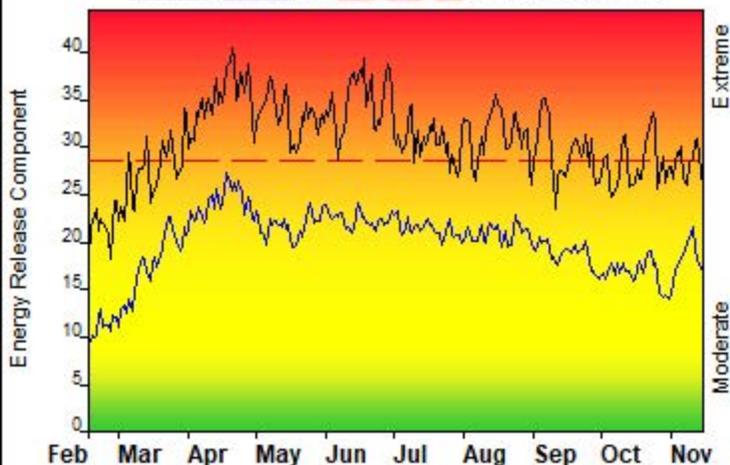


FIRE DANGER -- OHIO SOUTH: Spring-Summer-Fall

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



Fire Danger Area:

- ◆ OH South 2/15-11/15
- ◆ NWS: RLx,ILN
- ◆ SIG: Ohio South
- * 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

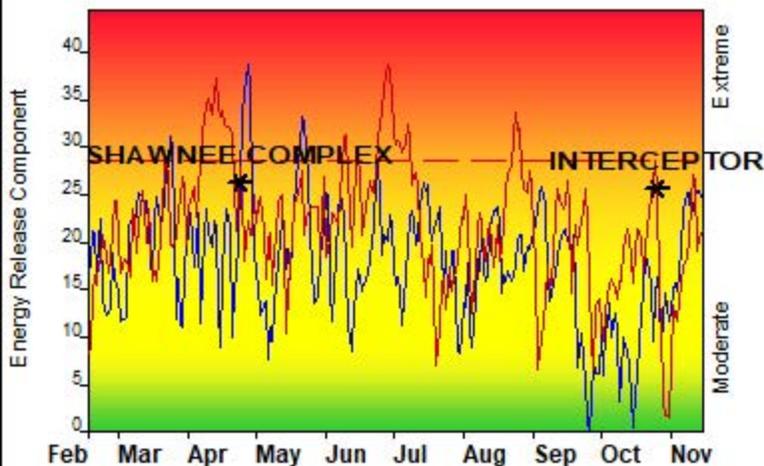
Average -- shows peak fire season over 16 years (4384 observations)

90th Percentile -- 10% of the 4384 days from 2007 - 2022 had an Energy Release Component above 28

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: 2009 2012



Fuel Model: Y - Timber (NFDRS4)

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:

Weather Fronts tend to be dry with strong gusty winds in Spring and Fall

- Shawnee Complex 4/24/2009; 2,865 acres; ERC 23
- Interceptor 10/26/20012; 146 acres; ERC 24