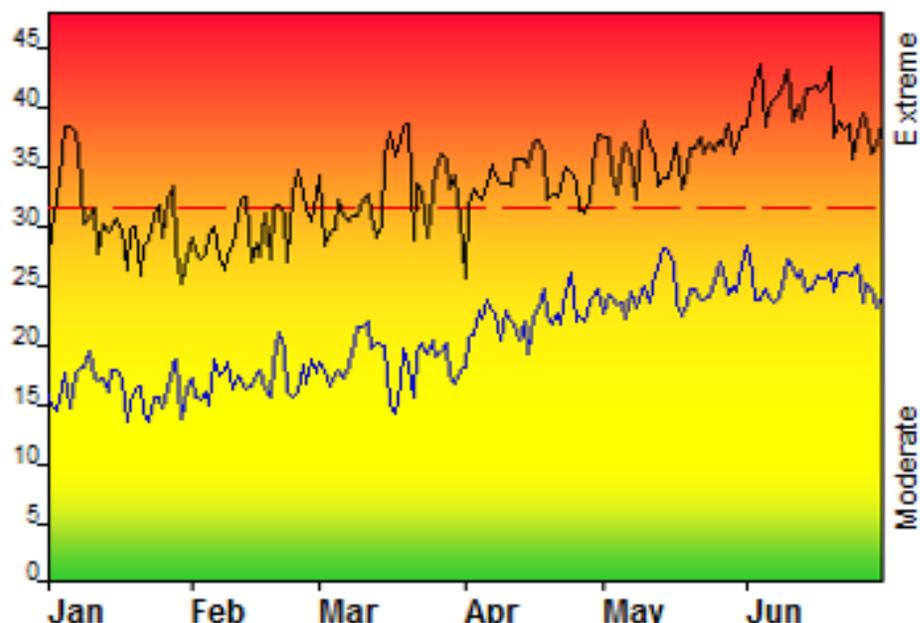


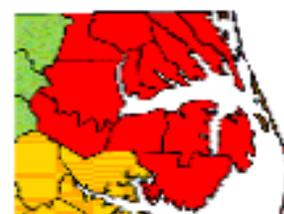
FIRE DANGER -- North Coast

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



Fire Danger Area:

- ◆ North Coast
- ◆ MHX and AKQ
- ◆ E City, Fairfield
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



- EXTREME** -- Use extreme caution
- (Caution)** -- Watch for change
- Moderate** -- Lower Potential, but always be aware

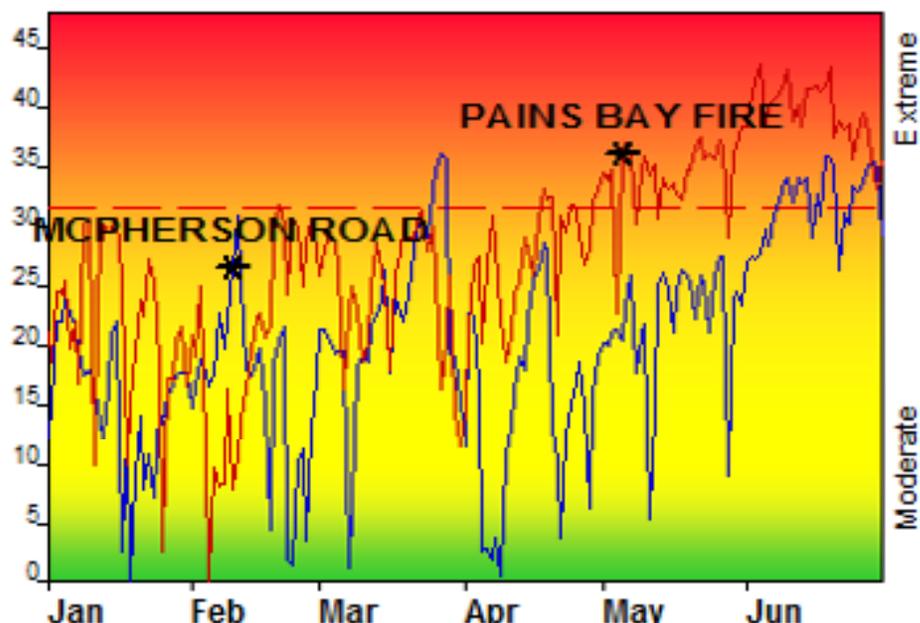
Maximum -- Highest Energy Release Component by day for 2000 - 2015

Average -- shows peak fire season over 16 years (2896 observations)

90th Percentile -- Only 10% of the 2896 days from 2000 - 2015 had an Energy Release Component above 32

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior:
 20' Wind Speed over 10 mph, RH less than 39%,
 Temperature over 72, 100-Hour Fuel Moisture less than 16

Years to Remember: 2008 2011



Fuel Model: G- Short-Needle (Heavy Dead)

Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm 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:

Energy Release Component is a number relating to the available energy released from forest fuels (BTU / ft²) at the head of a fire's flaming front. ERC is a composite of all live & dead fuel moistures. It is a very good reflection of drought conditions. It is a "build up" type index. Given a fire start in a fuel with a high ERC, fire containment will be difficult. ERC is very valuable in assessing the depth of a burn, consumption of the various fuel sizes, residual burning, and mop-up requirements.

| Past Experience | Date | Acres | ERC | 100hr |
|-----------------|-----------|--------|-----|-------|
| McPherson Rd | 2/10/08 | 2,100 | 37 | 14 |
| Pains Bay | 5/11/2011 | 45,294 | 33 | 15 |

Responsible Agency: NCFS

FF+4.1 build 1622 06/28/2016-21:16 (C:\Workspace\FireFamilyPlus\NCFS_2000_2015)

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