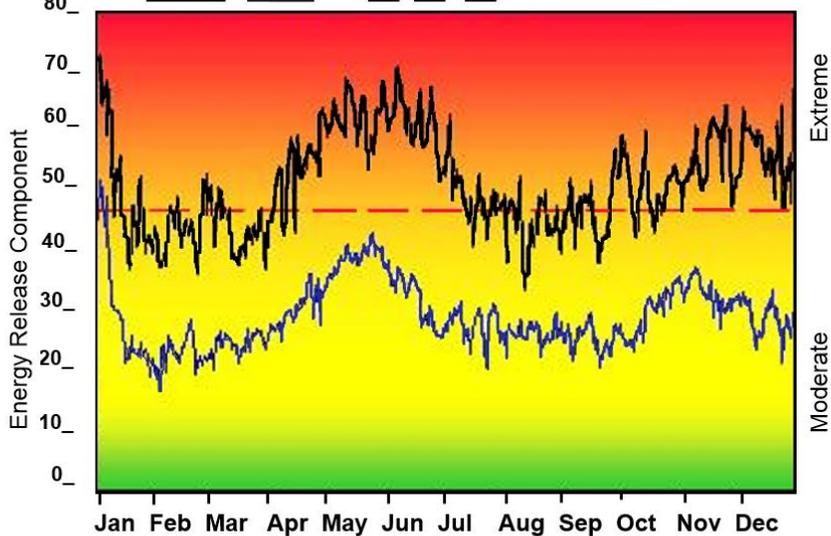


FIRE DANGER – Osceola National Forest

Maximum, Average, and 90th Percentile, based on 19 years data



Fire Danger Area:

- ◆ Osceola N.F.
- ◆ NWS Jacksonville, FL
- ◆ Eddy & Olustee
- Meets NWCG Wx Station Standards



Fire Danger Interpretation:



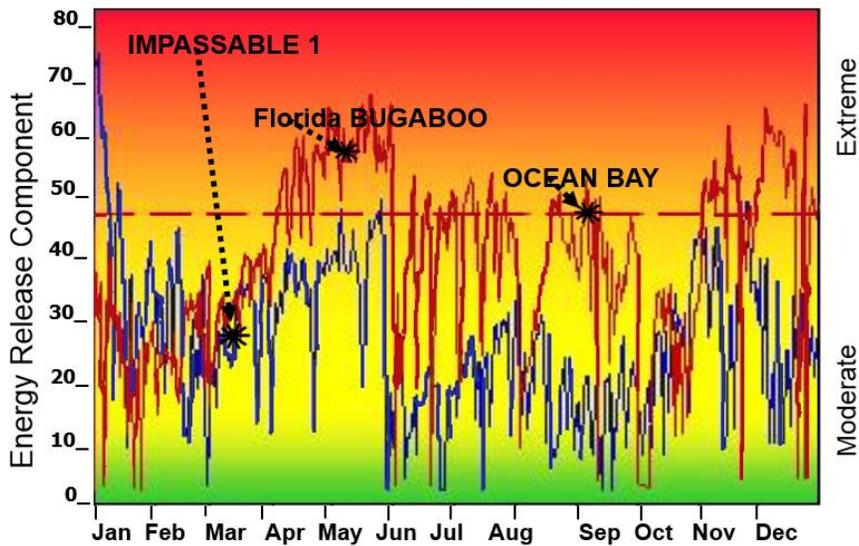
- EXTREME** - Use extreme caution
- (Caution)** - Watch for change
- Moderate** - Lower Potential but always be aware

Maximum - Highest ERC by day for 1998 – 2016
 Average - shows peak fire season over 19 yrs. (6,647 OBS.)
 90th Percentile - Only 10% of the 6,647 days from 1998-2016 had an ERC above 47 use ERC with local watch outs when determining fire potential

Local Thresholds – Watch out combinations of:

- factors that can greatly increase fire behavior:
- * **KBDI drought index over 450**
 - * Age of rough >3 years * RH less than 30%
 - * Temperature > 90 * 20' wind speed > 15mph

Years to Remember: **2012** **2007**



Fuel Model: 8D – Southern Rough

Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends
 Calculated from the 2 pm; temperature, humidity, daily temperature & RH ranges, and precipitation duration
- ✓ Watch local conditions & variations on the landscape
 - * Changes in fuel types and loading * Thunder storms
 - * Drought conditions * Wind speed or change in direction
- ✓ Listen to weather forecasts *especially WIND, RH, DI

Past Experience:

- * Expect extreme fire behavior in areas with high fuel loads
- * Green fuels burn here due to volatile oils found in plants
- * Sea breezes bring unexpected thunderstorms & lightning, and unexpected changes in winds
- * Some fuels are ready to burn in < 1 hour after a rainfall
- * The mucky soils found here require 4 wheel drive vehicles with aggressive tire tread
- * During dry conditions swamps may not contain water and should **NOT** be considered a safety zone

Problematic fire behavior is likely if: ERC >47, BI >59, Dispersion >55, Mixing Height >5000'

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 (c:\Users\kgordon01\Desktop\ff.plus\20111011\data)
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