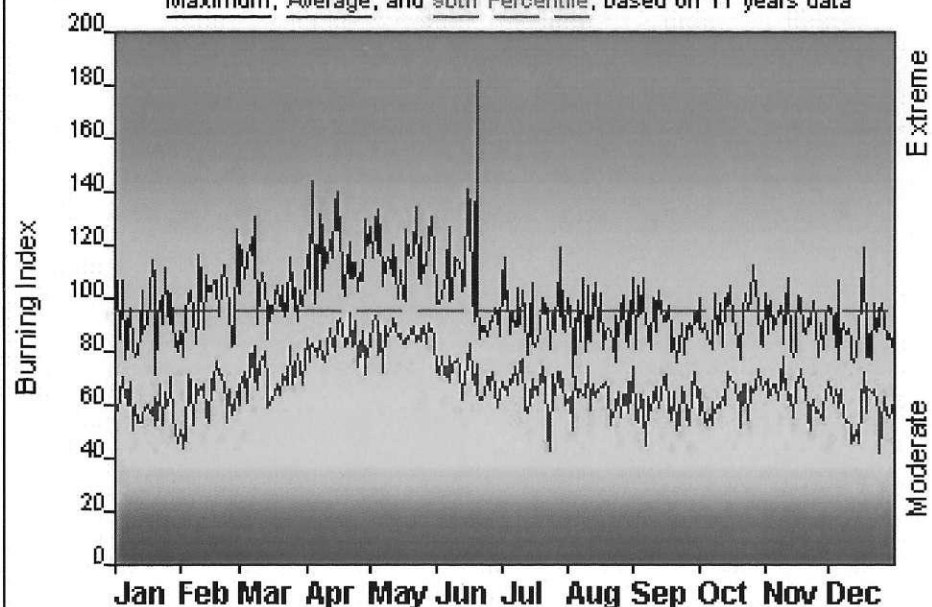


## FIRE DANGER -- Osceola N. F.

Maximum, Average, and 90th Percentile, based on 11 years data

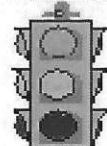


## Fire Danger Area:

- ◆ Osceola National Forest
- ◆ Jacksonville, FL
- ◆ Olustee, Eddy Tower
- \* Meets NWCG Wx Station Standards



## Fire Danger Interpretation:



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

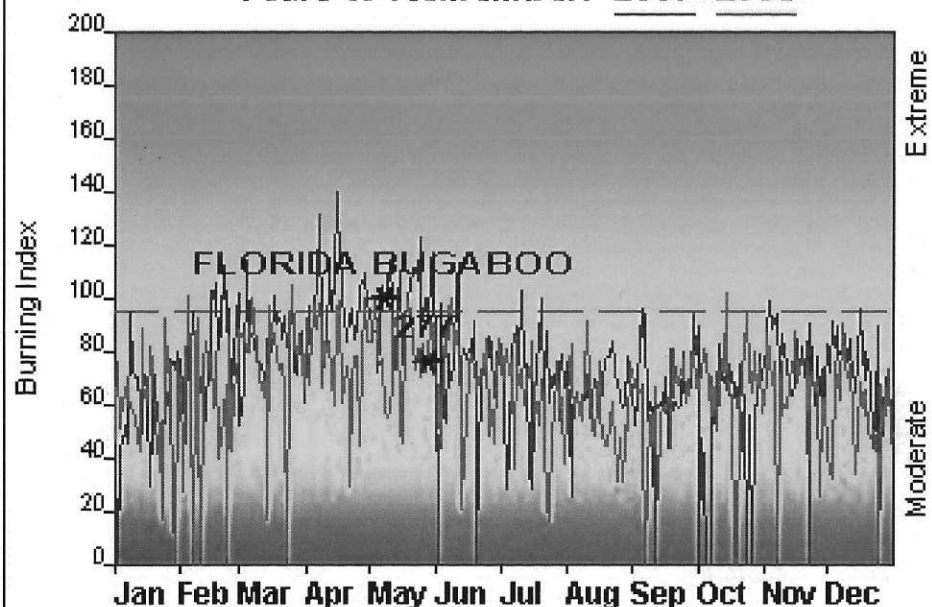
Maximum -- Highest Burning Index by day for 1998 - 2008

Average -- shows peak fire season over 11 years (4010 observations)

90th Percentile -- Only 10% of the 4010 days from 1998 - 2008 had an Burning Index above 95

**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 450

## Years to Remember: 2007 2006



Fuel Model: J - Intermediate Slash

## Remember what Fire Danger tells you:

- ✓ Burning Index gives day-to-day fluctuations calculated from 2 pm temperature, humidity, wind, daily temperature & rh ranges, and precip duration.
- ✓ Wind is part of BI calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

## Past Experience:

Significantly high fuel loading Forest-wide. Green fuels in Florida burn more intensely due to chemical content. Swamp fuels produce significant short- and long-range spotting. Lightning strike more frequent in Florida than in other southern state. Terrain: mucky soils require 4-wheel drive. Above average wind speeds, even slight increases, when combined with previously mentioned local factors can rapidly contribute to fire growth. Potential extreme fire behavior or large fire growth likely with any of the following conditions: BI above 70, Dispersion index above 55, Mixing height above 6500'.

Responsible Agency: US Forest Service - NFs in Florida  
 FF+4.0.2 07/01/2009-12:25 (C:\Documents and Settings\wbums\Desktop\Osceola09)

Design by NWCG Fire Danger Working Team