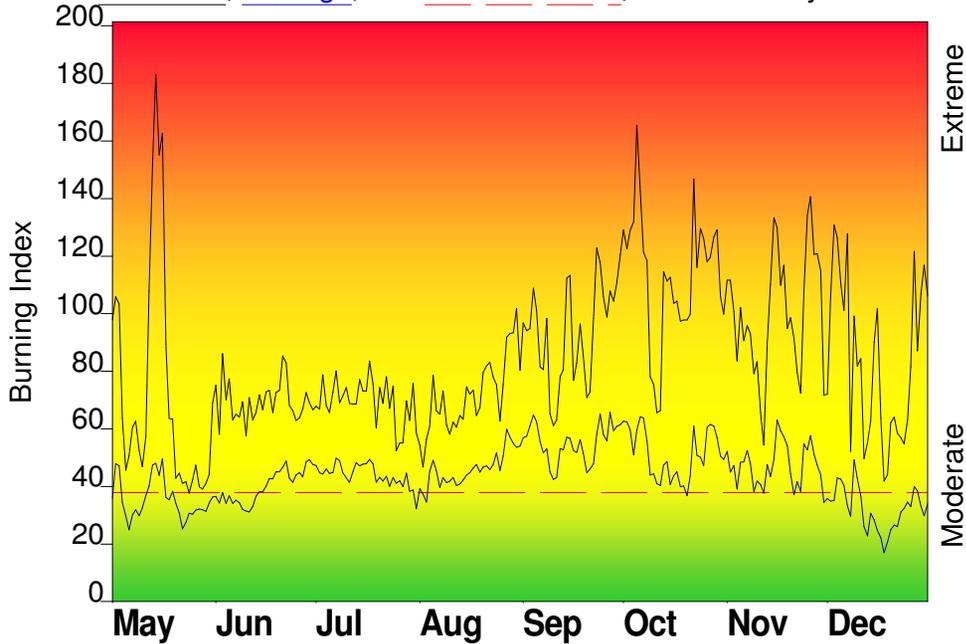


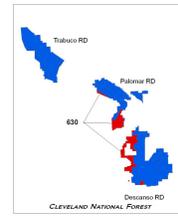
# FIRE DANGER -- Area 630

Maximum, Average, and 50th Percentile, based on 10 years data



# Fire Danger Area:

- NFDRA 630 FWZ 250
- RAWS: V.C, Bud Hill
- RAWS: Sweetwater, S.M.
- \* Meets NWCG Wx Station Standards



# Fire Danger Interpretation:



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

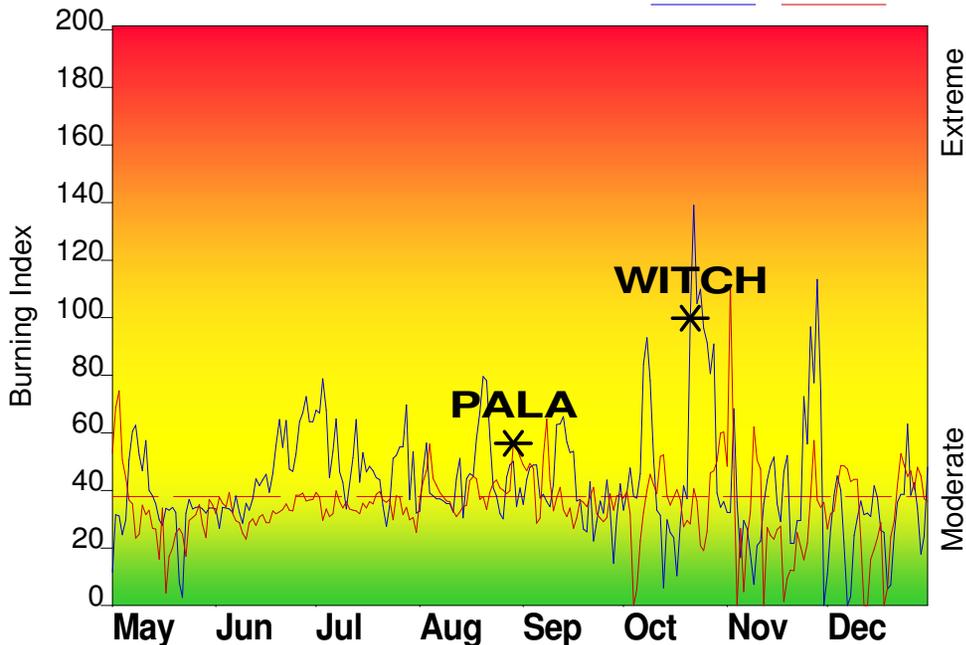
Maximum -- Highest Burning Index by day for 2005 - 2014

Average -- shows peak fire season over 10 years (2450 observations)

50th Percentile -- Only 50% of the 2450 days from 2005 - 2014 had an Burning Index above 38

**Local Thresholds - Watch out:** Combinations of any of these factors can greatly increase fire behavior:  
**20' Wind Speed** over 6 mph, **RH** less than 39%,  
**Temperature** over 81, **10-Hour Fuel Moisture** less than 7

# Years to Remember: 2007 2011



# 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:

BI of over 38 was determined when fires greater than 100 acres occurred on the Palomar/Descanso Districts in area 630. Drought conditions exist. Mortality in chaparral fuels. Santa Ana winds with alignment of topography; canyons-drainages-steep west facing aspects all will contribute to rapid fire spread. Watch Out Situation- Off Shore wind events transition back to On Shore Southwest to West. **\*\*Burning Index divide by 10=Flame Lengths measured in feet.\*\***

Witch Fire 10/21/07 197,990 acres Burning Index 98 Temperature 74 RH 9% Winds: East 12 Gusts to 32.

Pala Fire 8/29/11 223 acres Burning Index 55 Temperature 98 RH 28%

Responsible Agency: Cleveland N.F.

FF+4.1 build 1622 07/10/2015-11:35 (C:\Users\Chris\Des...\10 year 2005\_2014

Fuel Model: B - California Chaparral

Design by NWCG Fire Danger Working Team