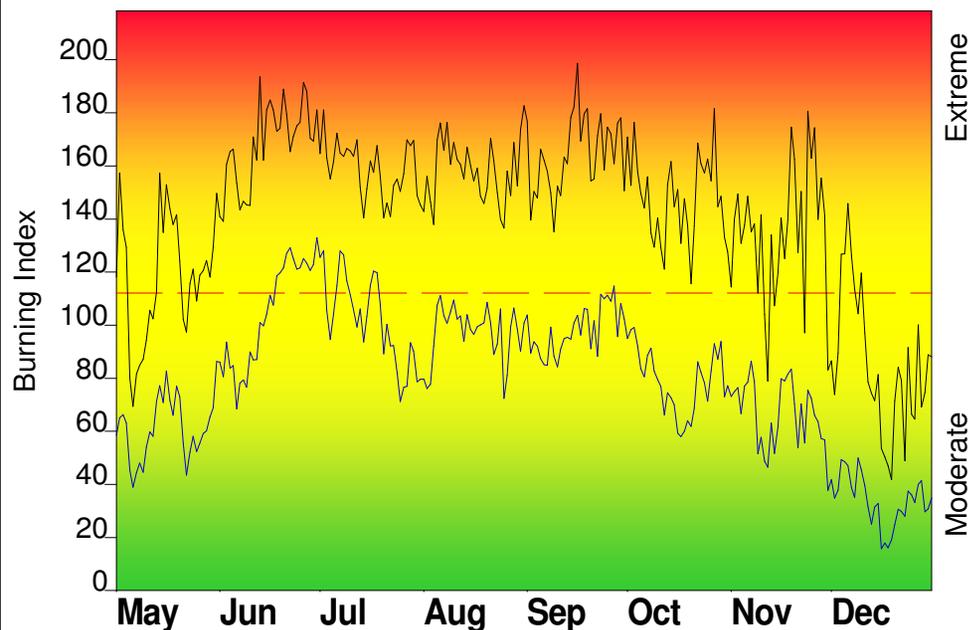


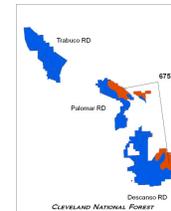
# FIRE DANGER -- Area 675

Maximum, Average, and 70th Percentile, based on 10 years data



# Fire Danger Area:

- NFDRA 675 FWZ 258
- RAWs Laguna / Palomar
- RAWs Ranchita / Julian
- \* Meets NWCG Wx Station Standards



# Fire Danger Interpretation:



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

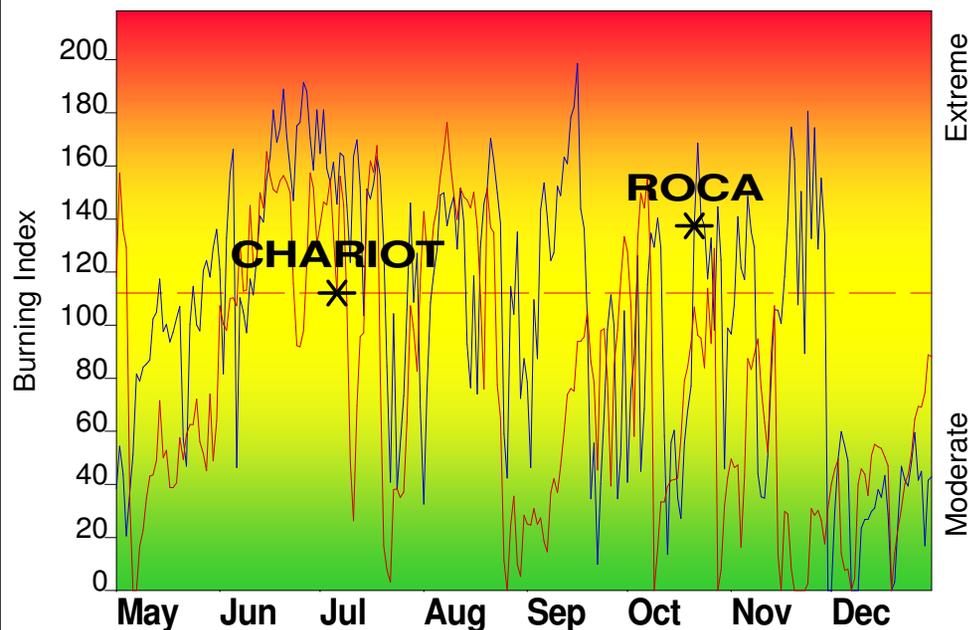
Maximum -- Highest Burning Index by day for 2005 - 2014

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

70th Percentile -- Only 30% of the 2450 days from 2005 - 2014 had an Burning Index above 112

**Local Thresholds - Watch out:** Combinations of any of these factors can greatly increase fire behavior:  
**20' Wind Speed** over 8 mph, **RH** less than 34%,  
**Temperature** over 82, **1000-Hour Fuel Moisture** less than 11

# Years to Remember: 2007 2013



# 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 112 was determined as a threshold when fires greater than 100 acres historically occurred in the mountain range on the Palomar and Descanso district. Drought conditions exist. Mortality in Chaparral and Timber fuels. Conifer and Oak Snags. Areas of Decadent chaparral fuels. Rapid rates of spread on Desert slopes can be expected, uphill during the day and downhill at night. Santa Ana winds-wind driven fires RAPID ROS in alignment of topography.

October 21, 2007 Roca Fire 250 acres BI 135 Temp 73 RH 3% Winds NE-E 9-21 mph.

July 6, 2013 Chariot Fire 7055 acres Burning Index 112 Temp 87

Responsible Agency: Cleveland N.F.

FF+4.1 build 1622 07/10/2015-11:21 (C:\Users\Chris\Des...\10 year 2005\_2014

Fuel Model: B - California Chaparral

Design by NWCG Fire Danger Working Team