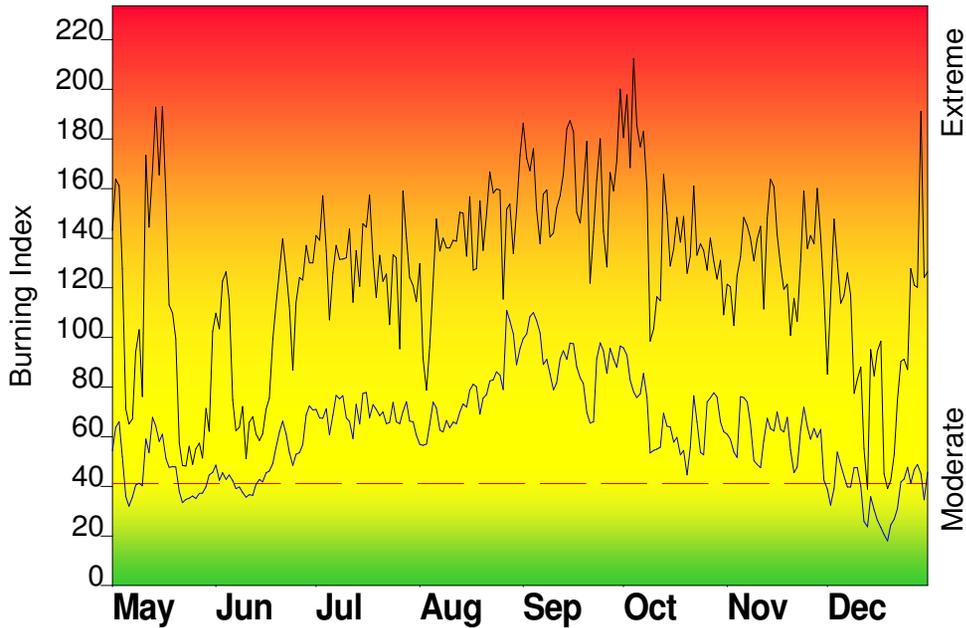


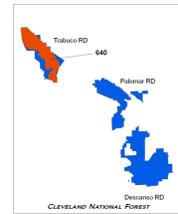
FIRE DANGER -- Area 640

Maximum, Average, and 38th Percentile, based on 10 years data



Fire Danger Area:

- NFDRA 640 FWZ 257
- RAWS: Temescal #2
- RAWS: Corona #2, El Cariso
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:



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

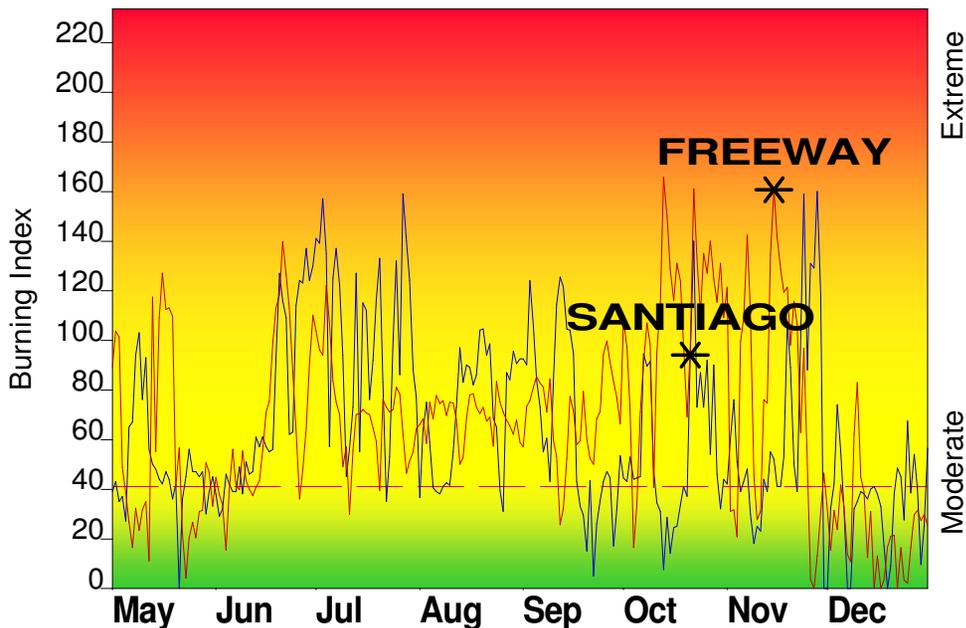
Maximum -- Highest Burning Index by day for 2005 - 2014

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

38th Percentile -- Only 38% of the 2450 days from 2005 - 2014 had an Burning Index below 41

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior:
20' Wind Speed over 5 mph, **RH** less than 24%,
Temperature over 80, **10-Hour Fuel Moisture** less than 5

Years to Remember: 2007 2008



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:

Fires on the Trabuco district historically grew beyond 100 acres during Burning Indices above 41. Drought conditions exist. Increasing dead fuel loading from mortality in chaparral fuels (Shrub Group Fuel Model 4). Heads up during Santa Ana winds. Rapid Rates of Spread especially with alignment of topography. Long range spotting potential. Intense heating creating strong thermals which causes downslope/ down canyons winds in the Lake Elsinore Basin.

Burning Index divide by 10=Flame Length measured in feet.
 October 21, 2007 Santiago Fire 28,476 acres BI 95 Temp. 65 RH 13%.
 November 15, 2008 Freeway Fire 30,305 acres BI 161 Temp. 85 RH 4%.

Responsible Agency: Cleveland N.F.

FF+4.1 build 1622 07/10/2015-11:39 (C:\Users\Chris\Des...\10 year 2005_2014

Design by NWCG Fire Danger Working Team

Fuel Model: B - California Chaparral