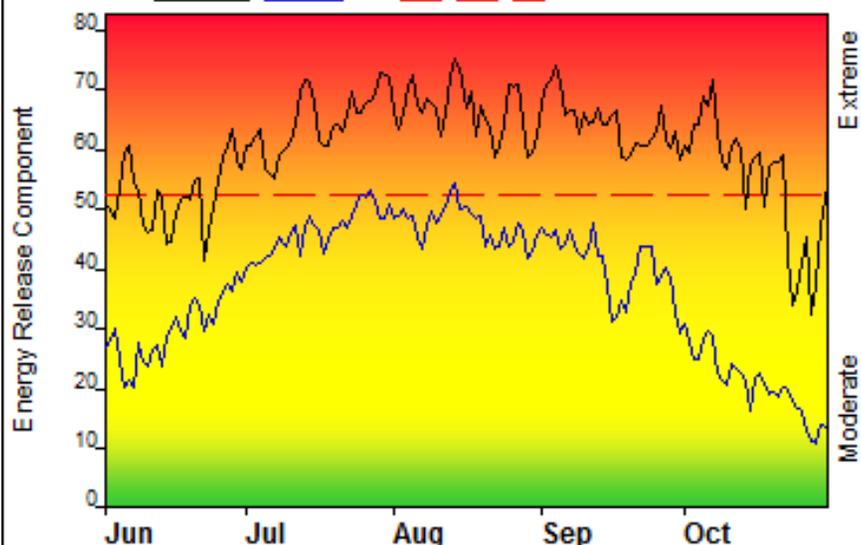


## FIRE DANGER -- ODF - Western Lane District

Maximum, Average, and 80th Percentile, based on 20 years data



## Fire Danger Area:

- ◆ ODF - Western Lane
- ◆ Wx Forecast Zone 803, 812
- ◆ High Pt/Village Cr, wt1/3
- \* Meets NWCG Wx Station Standards



## Fire Danger Interpretation:



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

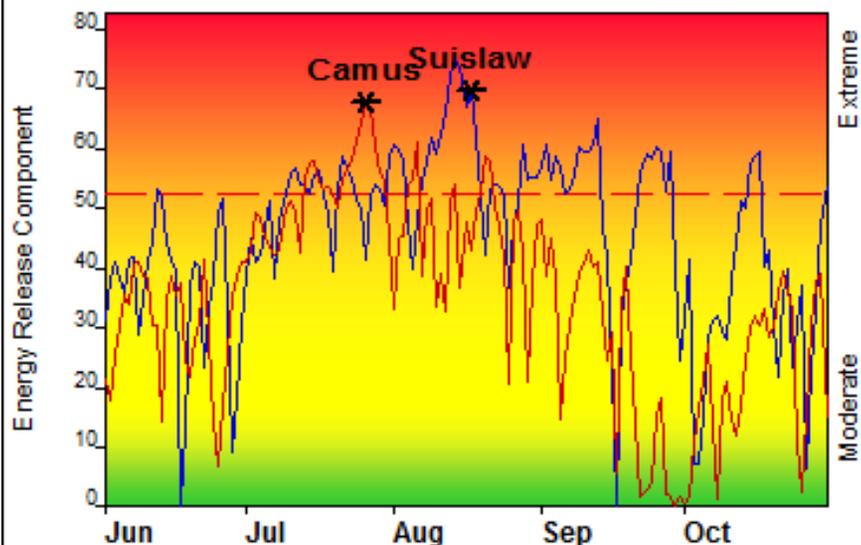
Maximum -- Highest Energy Release Component by day for 1994 - 2013

Average -- shows peak fire season over 20 years (3060 observations)

80th Percentile -- Only 20% of the 3060 days from 1994 - 2013 had an Energy Release Component above 52

**Local Thresholds - Watch out:** Combinations of any of these factors can greatly increase fire behavior:  
 20' Wind Speed over 12 mph, RH less than 32%,  
 Temperature over 85, Woody fuel Moisture less than 110

## Years to Remember: 2002 2013



Fuel Model: K - Light Slash

## Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 2 pm temperature, humidity, daily temperature & rh ranges, and precip duration.
- ✓ Wind is NOT part of ERC calculation.
- ✓ Watch local conditions and variations across the landscape -- Fuel, Weather, Topography.
- ✓ Listen to weather forecasts -- especially WIND.

## Past Experience:

- \* Significant 1000 hr fuel moisture threshold - 15
- \* 88% of historically large fires occur at an ERC of 53 or higher (80th percentile).
- \* Nearly all large fires are wind driven
- \* Strong north winds prevalent in summer, with East Winds (Foehn) late summer & fall.
- \* Steep slopes cause rapid fire spread in areas of open canopies and Slash.
- \* The coastal region of the district experiences lower fire danger, but watch out for strong north winds in gorse and beach grass fuels during mid-summer.

Responsible Agency: ODF, Western Lane Dist, T.Soward  
 FF+4.1 build 1622 05/21/2014-14:09 (C:\Users\tsoward\Desktop\FEWG\2014\WL14)

Design by NWCG Fire Danger Working Team