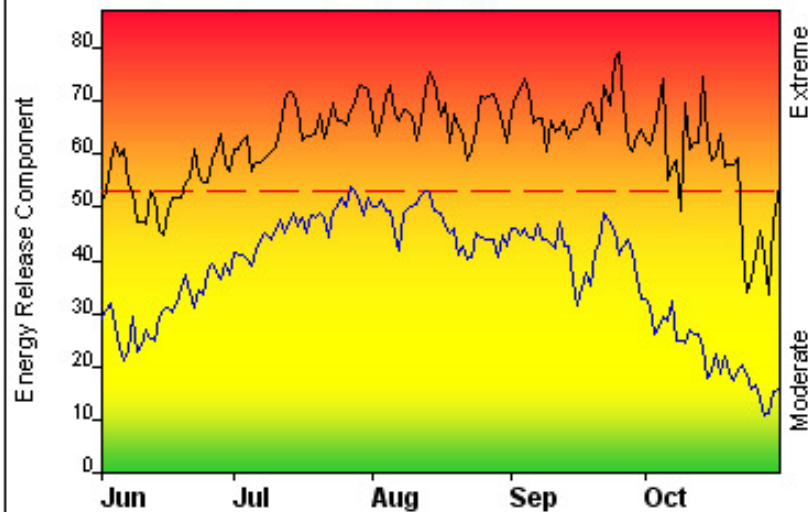


FIRE DANGER -- ODF - Western Lane District

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



Fire Danger Area:

- ◆ ODF - Western Lane
- ◆ Wx Forecast Zone 603, 612
- ◆ Wx High Pt/Millage Cr
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:

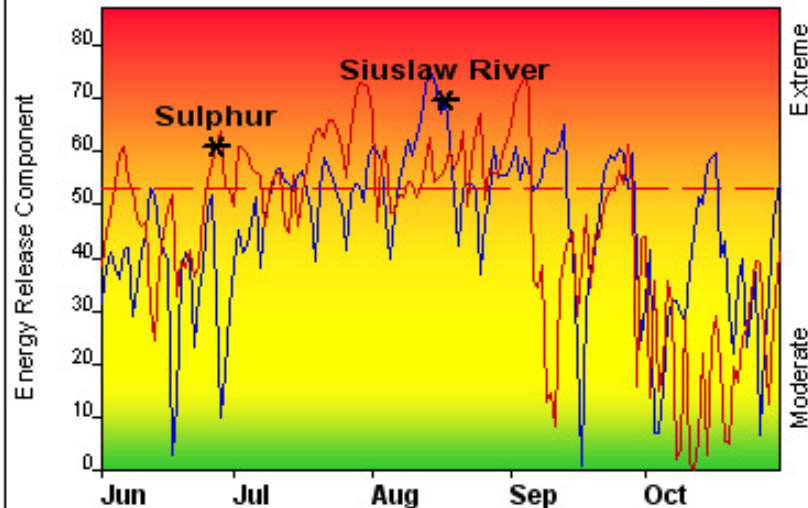


- EXTREME** -- Use extreme caution
- (Caution)** -- Watch for change
- Moderate** -- Lower Potential, but always be aware

- Maximum -- Highest Energy Release Component by day for 1990 - 2009
- Average -- shows peak fire season over 20 years (3034 observations)
- 80th Percentile -- Only 20% of the 3034 days from 1990 - 2009 had an Energy Release Component above 53

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior:
 20' Wind Speed over 15 mph, RH less than 32%,
 Temperature over 85, 100-Hour Fuel Moisture less than 115

Years to Remember: 2002 2003



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
- * 65% of historically large fires occur at an ERC of 54 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
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Design by NWCG Fire Danger Working Team