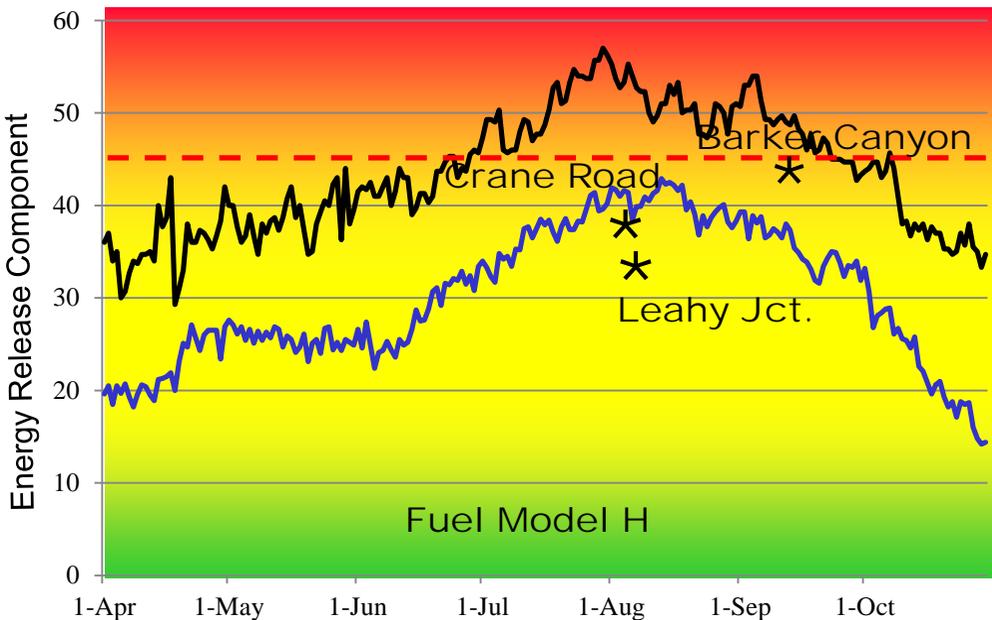
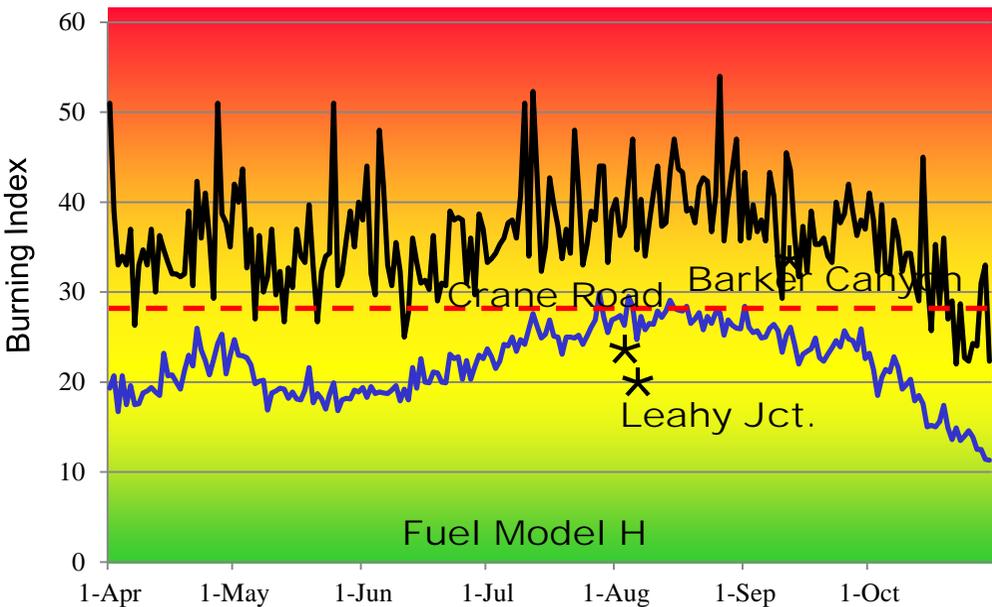


FIRE DANGER – NORTH BASIN (SOUTH)

Maximum, Average, and 90th Percentile

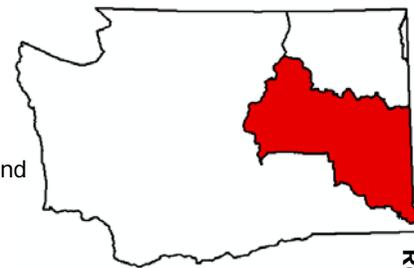


Maximum, Average, and 80th Percentile



Fire Danger Area:

- Northeast Washington - South
- Spokane District BLM, USFWS
- Fire Weather Forecast Zone 673
- RAWS - Nespelem (452009)*, Kramer (452040)*, and Douglas (452601)*
- *Meets NWCG Weather Station Standards



Fire Danger Graph Interpretation:



- EXTREME** – Use extreme caution
- CAUTION** – Watch for change
- MODERATE** – Lower potential, but always be aware

MAXIMUM – Highest ERC / BI by day for 1992 - 2012

AVERAGE – Average daily ERC / BI value for 1992 - 2012

90th Percentile ERC – Only 10% of the days from 1992 - 2012 were over 45

80th Percentile BI – Only 20% of the days from 1992 - 2012 were over 29

Local Thresholds – Watch Out:

A combination of any of these 90th percentile factors can greatly increase fire behavior: Wind Speed over 13 mph, Relative Humidity below 13%, Temperature over 93 degrees, Haines Index of 5 or 6

Remember what Fire Danger tells you:

- ✓ Energy Release Component gives seasonal trends calculated from 13:00 temperature and RH, daily temperature & RH ranges, and precipitation duration
- ✓ Burning Index gives day to day fluctuations calculated from 13:00 temperature, wind, and RH, daily temperature & RH ranges, and precipitation duration
- ✓ Burning Index divided by 10 gives an estimate of expected flame length

Past Fire Experience:

Crane Road Fire started on August 1, 2012. ERC was 39, BI was 25. Kramer RAWS – temp. 83, RH 14, windspeed 8. 12,000 acres.

Barker Canyon Fire started on September 8, 2012. ERC was 43, BI was 34. Spring Canyon RAWS – temp 88, RH 12, windspeed 5. 22,155 acres.

Leahy Junction Fire started on August 3, 2010. ERC was 33, BI was 20. Spring Canyon RAWS – temp. 82, RH 28, windspeed 7. 2,000 acres.

*Conservation Reserve Program lands and non-irrigated agricultural fields can be very flammable. Rocky, inaccessible terrain and “enhanced” diurnal winds contribute to large fire growth.

Extreme

Moderate

Extreme

Moderate