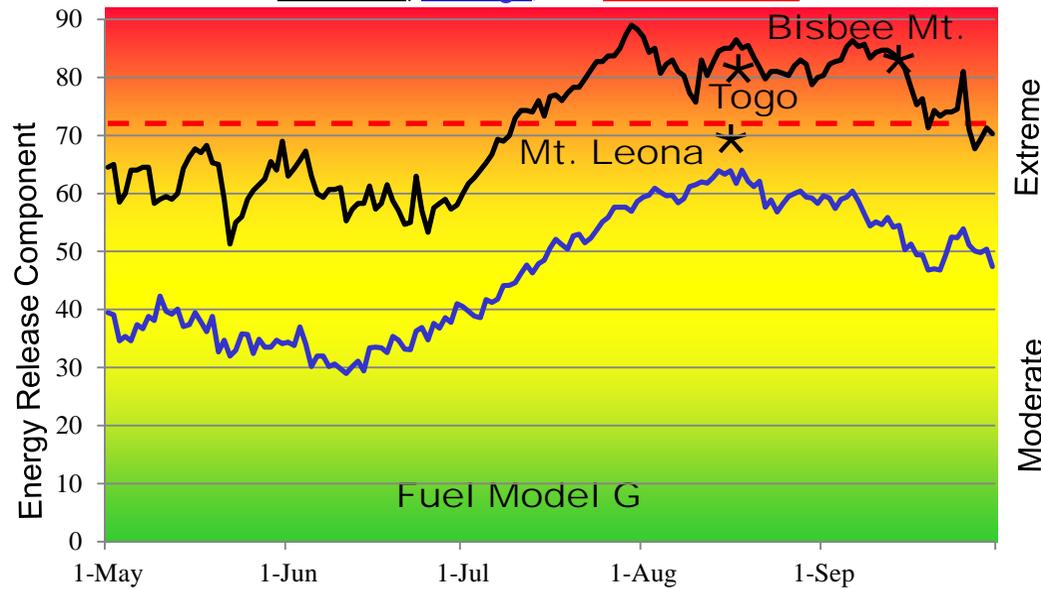


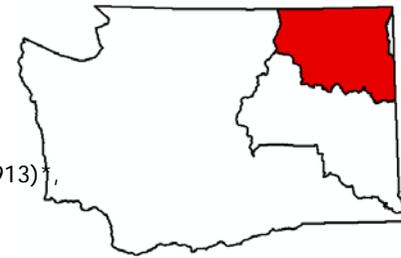
FIRE DANGER – NE WASHINGTON (NORTH)

Maximum, Average, and 90th Percentile



Fire Danger Area:

- Northeast Washington - North
- Colville NF, Spokane District BLM, USFWS
- Fire Weather Forecast Zones 686 and 687
- RAWS - Lane Creek (452511)*, Midnite Mine (452913), and Tacoma Creek (453413)*



*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 71

80th Percentile BI – Only 20% of the days from 1992 – 2012 were over 49

Local Thresholds – Watch Out:

A combination of any of these 90th percentile factors can greatly increase fire behavior: Wind Speed over 6 mph, Relative Humidity below 16%, Temperature over 89 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:

Togo Fire started August 15, 2003. ERC was 80, BI was 58. Owl Mtn RAWS – temp. 96, RH 8, windspeed 5. 5,285 acres .

Bisbee Mt. Fire started September 9, 2006. ERC was 81, BI was 66. Kettle Falls RAWS – temp. 96, RH 15, windspeed 5. 484 acres.

Mt. Leona Fire started on August 13, 2001. ERC was 69, BI was 56. Owl Mtn RAWS – temp. 96, RH 13, windspeed 5. 6,144 acres .

Maximum, Average, and 80th Percentile

