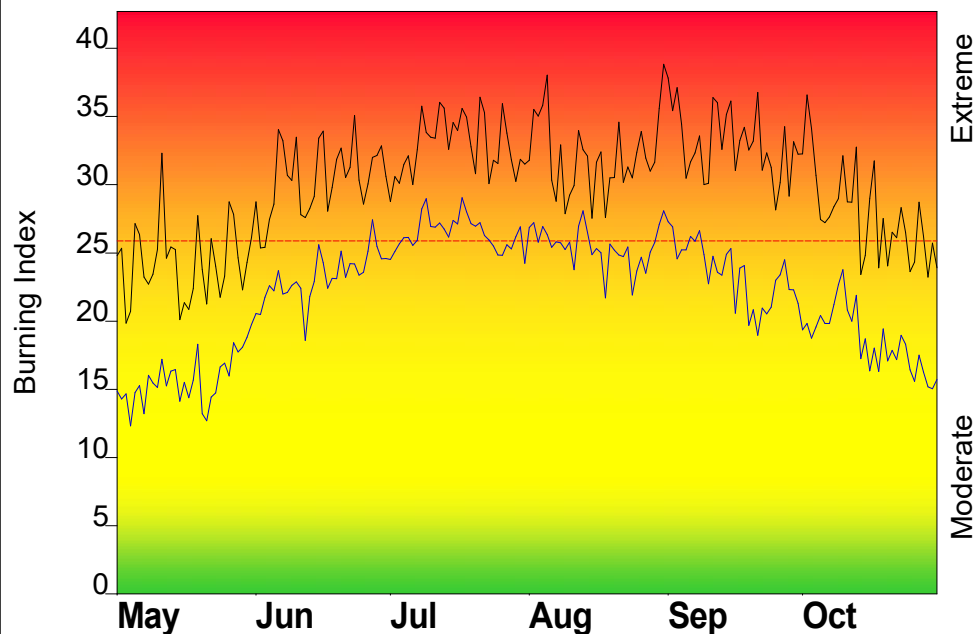


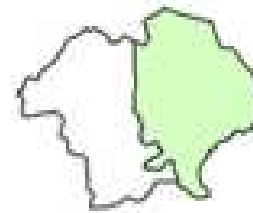
FIRE DANGER -- TNF East FDRA 380

Maximum, Average, and 70th Percentile, based on 10 years data



Fire Danger Area:

- Dog Valley 041302
- Stampede 041310
- Rice Canyon 041311
- * Meets NWCG Wx Station Standards



Fire Danger Interpretation:

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

Maximum -- Highest Burning Index by day for 2016 - 2025

Average -- shows peak fire season over 10 years (1840 observations)

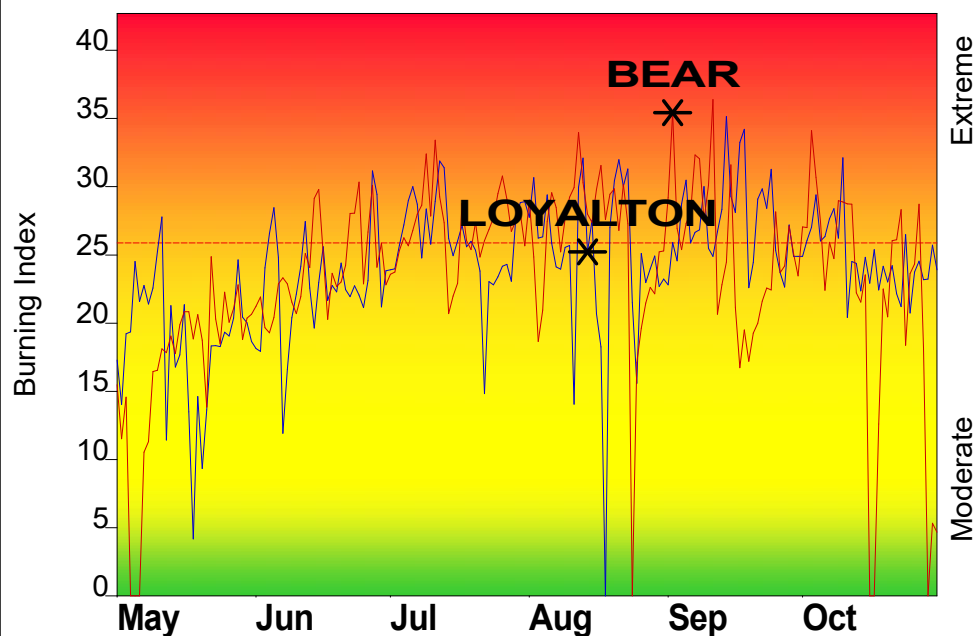
70th Percentile -- 30% of the 1840 days from 2016 - 2025 had an Burning Index above 26

Local Thresholds - Watch out:

Combinations of any of these factors can greatly increase fire behavior:

- 20' Wind Speed over 5 mph, RH less than 20%,
- Temperature over 80, 10-Hour Fuel Moisture less than 7

Years to Remember: 2020 2024



Fuel Model: Y - Timber (NFDRS4)

Remember what Fire Danger tells you:

- ✓ Burning Index gives day-to-day fluctuations calculated from 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 greater than 100 acres typically occur when the BI is at or above the 70th-percentile (BI>26).

Moderate to heavy fuel loading with long needle pine and sage on the eastern slope transitioning to true fir along the Sierra Nevada crest. High winds on the lee side of the crest and erratic winds produced by thunderstorms can cause rapid fire spread.

Loyalton 47,028 acres (8/14/20) BI value 26 percentile 70th

Bear 3280 acres (9/2/24) BI value 28 percentile 81st,

Wind speed 13mph gusts 29mph, minimum RH 13%, 10-hr 9%.

Responsible Agency: USFS

FF+5.0 build 20240306 06/02/2026-14:07 (C:...\\2026 TNF with NEU-East Fires

Design by NWCG Fire Danger Working Team