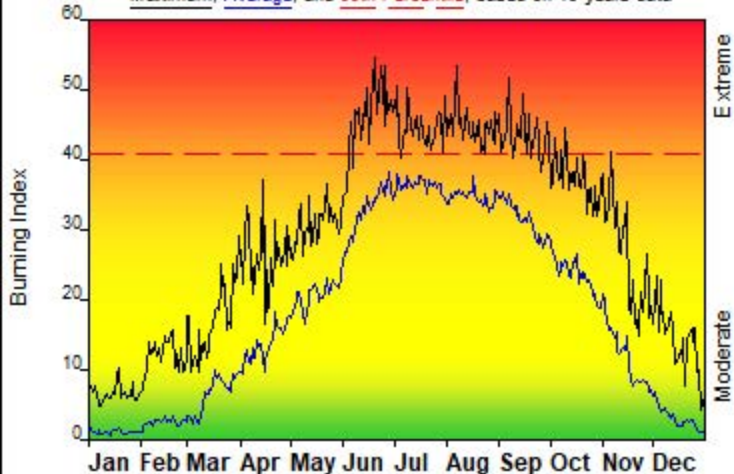


FIRE DANGER -- Wasatch Mountains FDRA

Maximum, Average, and 95th Percentile, based on 15 years data



Fire Danger Area:

- ◆ Wasatch Mountains FDRA
- ◆ Fire Weather Zone 479
- ◆ 5 RAWs in Wasatch SIG
- * 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 2011 - 2025

Average -- shows peak fire season over 15 years (5475 observations)

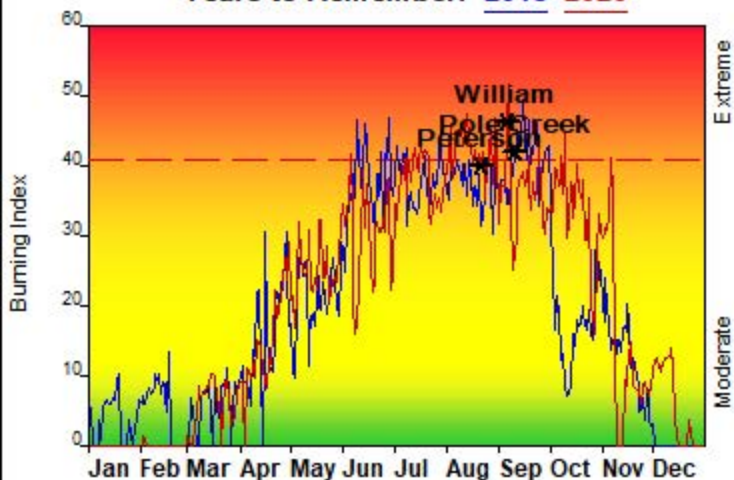
95th Percentile -- 5% of the 5475 days from 2011 - 2025 had an Burning Index above 41

Local Thresholds - Watch out:

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

- 20' Wind Speed over 11 mph, RH less than 16%,
- Temperature over 80

Years to Remember: 2018 2020



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:

*Strong prolonged winds from FRONTAL PASSAGES contribute to large fire growth.

* MICROBURST WINDS from summer thunderstorms can affect fire spread, intensity, and direction from miles away.

Peterson Hollow - 8/21/2016, UT/ID border, 1,242 acres

Pole Creek - large fire growth and spotting on 9/10/2018, adjacent to Bald Mountain and Coal Hollow fires, mostly south of Spanish Fork Canyon, 102,191 acres

William - 9/6/2020, Wasatch Front near Mona, 5,832 acres

Fuel Model: Y - Timber (NFDRS4)

Responsible Agency: UT-NUC

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Design by NWCG Fire Danger Working Team