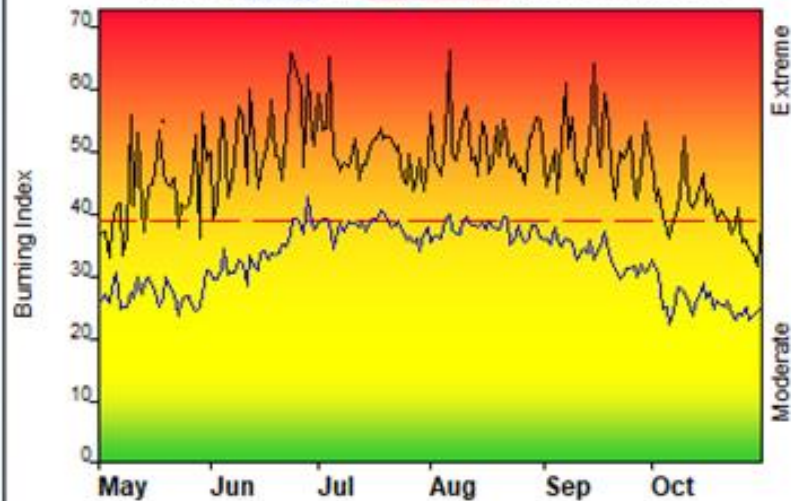


FIRE DANGER -- Salt Lake Desert

Maximum, Average, and 75th Percentile, based on 17 years data



Fire Danger Area:

- ◆ Salt Lake Desert
- ◆ 478
- ◆ Desert SIG
- * Meets NWCG Wx Station Standards

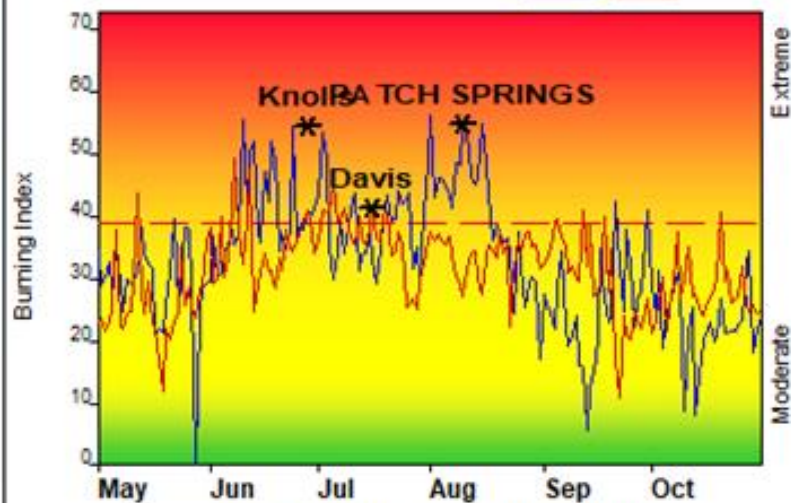
Fire Danger Interpretation:

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

Maximum -- Highest Burning Index by day for 2004 - 2020
 Average -- shows peak fire season over 17 years (3126 observations)
 75th Percentile -- 25% of the 3126 days from 2004 - 2020 had an Burning Index above 39

Local Thresholds - Watch out: Combinations of any of these factors can greatly increase fire behavior:
 20' Wind Speed over 11 mph, RH less than 9%,
 Temperature over 92

Years to Remember: 2013 2017



Fuel Model: Y - Timber (2016)

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:

WIND GUST over 20mph will increase probability of erratic fire behavior and large fire growth
 LAKE EFFECT WINDS will enhance up-slope winds in the afternoon and the downslope in the evening resulting in unexpected fire intensity adjacent to the Great Salt Lake and Utah Lake
 MIRCOCURST WINDS are powerful downdrafts from thunderstorms which can affect the spread rate, intensity and direction from several miles away

Responsible Agency: UT-NUC

FF+5.0 build 20210317 05/09/2022-13:33 (C:\Users\slodge\Box\External ... \northern_utah_2)

Design by NWCG Fire Danger Working Team