FIRE DANGER -- MI-UP-HIF Summer

Maximum, Average, and 90th Percentile, based on 23 years data



Years to Remember: 2007 2024



Fire Danger Area:

- Hiawatha National Forest
- Central Upper Peninsula
- Stonington/Seney/Raco
 * 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 Buildup Index (CAN) by day for 2002 - 2025

Average -- shows peak fire season over 23 years (3190 observations) 90th Percentile -- 10% of the 3190 days from 2002 - 2025 had an Buildup Index (CAN) above 65

Local Thresholds - Watch out: Combinations

of any of these factors can greatly increase fire behavior: **20' Wind Speed** over 15 mph, **RH** less than 25%, **Temperature** over 75, **Duff Moisture Code (CAN)** over 42

Remember what Fire Danger tells you:

Buildup Index (CAN) gives seasonal trends

, calculated from temperature, humidity, and precip amount.

Wind is NOT part of BUI calculation.

Watch local conditions and variations across

, the landscape -- Fuel, Weather, Topography.

Visten to weather forecasts -- especially WIND.

Past Experience:

In the summer, prolonged drought conditions and low fuel moistures can produce critical fire weather conditions. Drought conditions provide important insight for what overall potential the current weather can influence. The Buildup Index (BUI) is a numeric rating of the total amount of fuel available for combustion. It is based on the DMC and the DC and is the best indicator for the effects of intermediate to long-term drying on fire behavior.

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