



HAYS COUNTY FIRE MARSHAL'S OFFICE

Nathan Mendenhall, IAAI-FIT, NREMT
Hays County Fire Marshal

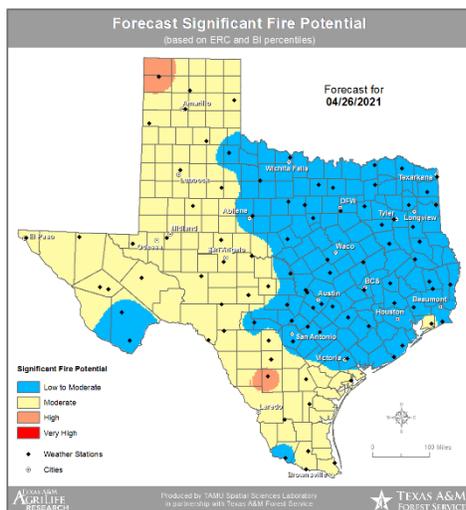


Burn Ban Evaluation Matrix - 4/27/2021

County Fire Marshal Recommendation: **No Burn Ban**

The recommendation to keep the burn ban lifted is based on the following factors:

The current wildfire risk for the majority of Hays County is Low



Areas of concern on the map to the left are yellow, orange and red in color.

The current KBDI average for Hays County is:
434 with a high of 554 (low of 311)
(Drought conditions are a KBDI of 575 or greater)

Texas Wildfire Risk Assessment Portal
(<https://www.texaswildfirerisk.com/Map/Public#whats-your-risk>)

TEXAS FIRE POTENTIAL UPDATE: April 26-May 2, 2021:

Hays County had rainfall of .12 to 1.93 inches of rain over the past 7 days. Low level moistening today thru Wednesday ahead of an upper disturbance. This disturbance is forecast to provide a low chance for showers & storms Tuesday/Tuesday night and chances for showers/storms late Wednesday thru Thursday morning. Some heavy rainfall could occur Wednesday night thru portions of the Hill Country and I-35 corridor. Cooler conditions are forecast behind a cold front Thursday with chances for showers/storms. Dry conditions are forecast for the weekend. Highs: 70s-80s / lows: 50s-60s. Hays County average KBDI has dropped about 30 points this week due to rain. (https://ticc.tamu.edu/Documents/PredictiveServices/Outlooks/texas_fire_potential_update.pdf)
<https://forecast.weather.gov/product.php?issuedby=EWX&product=FWF&site=ewx>

Average Haines Index for Hays County this week: 3-4

The Haines Index is used to indicate the potential for wildfire growth by measuring the stability and dryness of the air over a fire. This index has been shown to be correlated with large fire growth on initiating and existing fires where surface winds do not dominate fire behavior.

- 2:** Very Low Potential -- (Moist Stable Lower Atmosphere)
- 3:** Very Low Potential
- 4:** Low Potential
- 5:** Moderate Potential
- 6:** High Potential ----- (Dry Unstable Lower Atmosphere)