



HAYS COUNTY FIRE MARSHAL'S OFFICE

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Hays County Fire Marshal

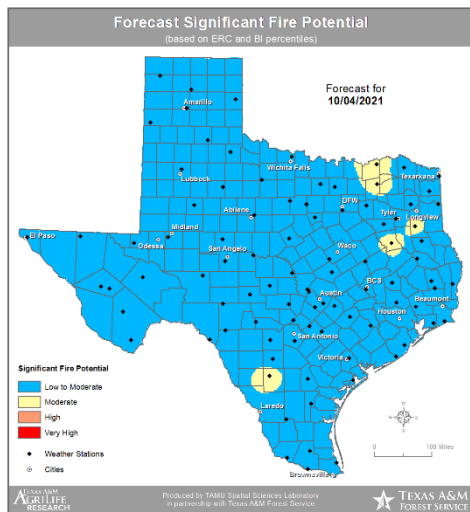


Burn Ban Evaluation Matrix - 10/5/2021

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/Moderate



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

The current KBDI average for Hays County is:
414 with a high of 617 (low of 184)
(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: October 4-10, 2021:

Hays County received rainfall between ½ inch and 7 inches over the past 7 days. Relative humidity is currently above 30% but may drop as dryer weather sets in. Fire danger for this week is low with some areas in the western part of the county remaining moderate. Highs in the low 90s; lows in the 60s.

(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: 5

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)