



HAYS COUNTY FIRE MARSHAL'S OFFICE

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Hays County Fire Marshal

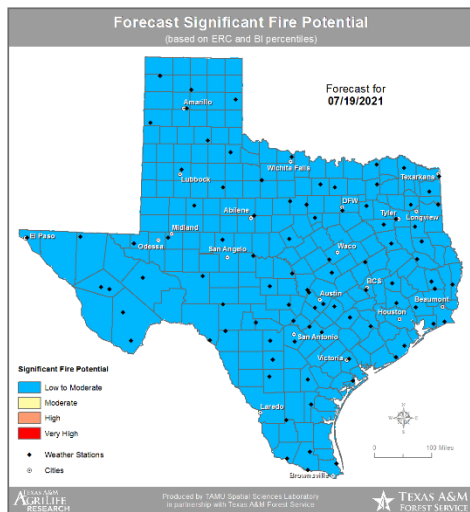


Burn Ban Evaluation Matrix - 7/20/2021

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:

253 with a high of 371 (low of 138)

(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: July 19-25, 2021:

Hays County has received very little rainfall over the past 7 days, less than .25 inches in most parts of the county. This has caused our KBDI to climb this week. Relative Humidity remains above 50% and heavy rains are possible over the next few days as a upper level disturbance moves into our area beginning tonight. Wildfire danger remains low this week. Highs in the 90s; lows in the 70s.

(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)