



HAYS COUNTY FIRE MARSHAL'S OFFICE

Nathan Mendenhall
Hays County Fire Marshal

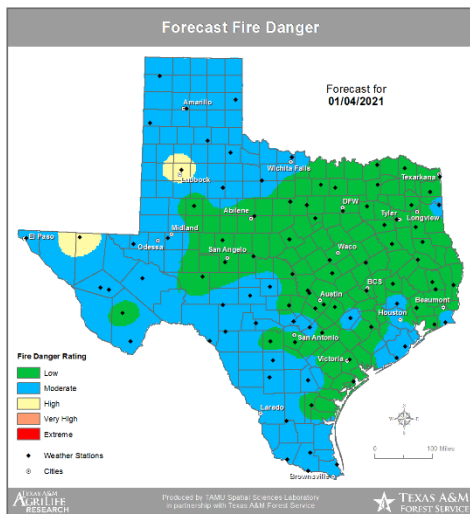


Burn Ban Evaluation Matrix – 1/5/2021

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

The recommendation to implement a burn ban is based on the following factors:

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



The current wildfire risk for the majority of Hays County is **Low to 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:
375 with a high of 522 (low of 225)
(Drought conditions are a KBDI of 575 or greater)

TEXAS FIRE POTENTIAL UPDATE: January 4-10, 2021:

More moisture is predicted on Tuesday so higher relative humidity will result in no fire weather issues. Light winds on Thursday will limit any fire weather concerns while second front arrives late on Tuesday resulting in higher humidity over the weekend. Wetting rains are predicted for the weekend. Lows in the 30-40s; Highs in the 50s-60s. Hays County is currently showing to have underlying drought conditions. Over the past 7 days, there has been an average rainfall in Hays County of about 1-2 inches.

(https://ticc.tamu.edu/Documents/PredictiveServices/Outlooks/texas_fire_potential_update.pdf)

Average Haines Index for Hays County this week: 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)