



HAYS COUNTY FIRE MARSHAL'S OFFICE

Nathan Mendenhall
Hays County Fire Marshal

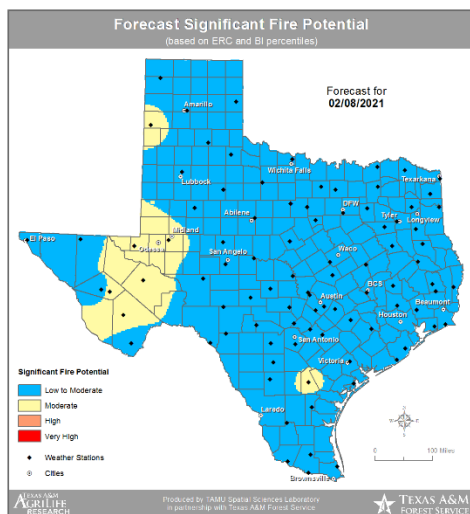


Burn Ban Evaluation Matrix – 2/9/2021

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:
394 with a high of 511 (low of 262)
(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: February 8-14, 2021:

Relative humidity will be above 30% across most of South Central Texas for the next several days. A cold front will move through the region Wednesday night bringing chance of rain and isolated thunderstorms Wed night and Thursday. Much colder air will keep temperatures below normal through the weekend. Over the past 7 days, there has been less than 1/10th of an inch of rain in Hays County. Highs will be in the 40s-70s. Lows in the 20s-50s.

(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: 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)