

# Texas Division of Emergency Management Texas State Operations Center



## Situation Awareness Brief



Monday, May 27<sup>th</sup>, 2024  
As of 0900 CDT

# Tropical Weather Awareness



Atlantic Tropical Cyclones  
and Disturbances



www.hurricanes.gov

Tropical cyclone activity is not expected  
during the next 48 hours.

07:32 AM EDT  
Mon May 27 2024

100W 90W 80W 70W 60W 50W 40W 30W 20W

Current Disturbances and Two-Day Cyclone Formation Chance:     < 40%     40-60%     > 60%

Tropical or Sub-Tropical Cyclone:     Depression     Storm     Hurricane

 Post-Tropical Cyclone or Remnants

# Incidents Reported to the State Operations Center (last 24 hours)

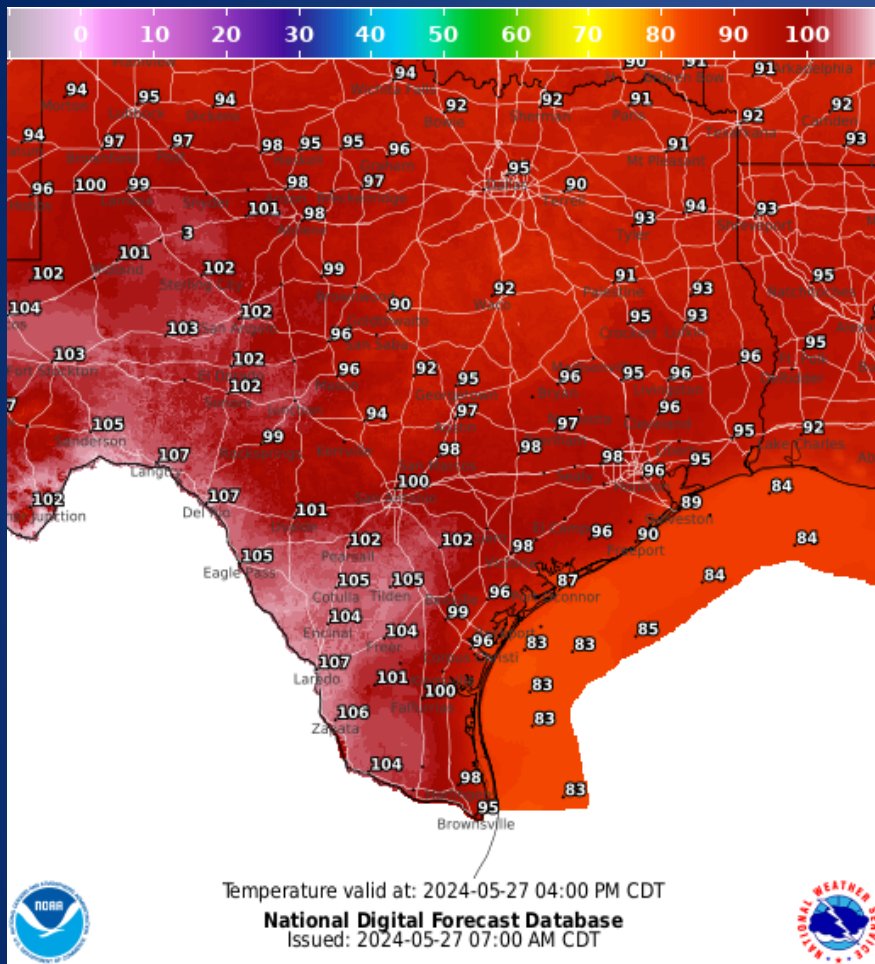
<b>DATE</b>	<b>SUBJECT</b>	<b>LOCATION</b>
05/26/24	Preliminary Earthquake Report (M3.0)	Martin County
05/26/24	Initial Report of a Wildfire	Nueces County
05/26/24	Update Report of a Wildfire	Nueces County
05/27/24	Preliminary Earthquake Report (M3.1) On the New Mexico and Texas Border	Andrews County

# Informational Products Distributed by the State Operations Center

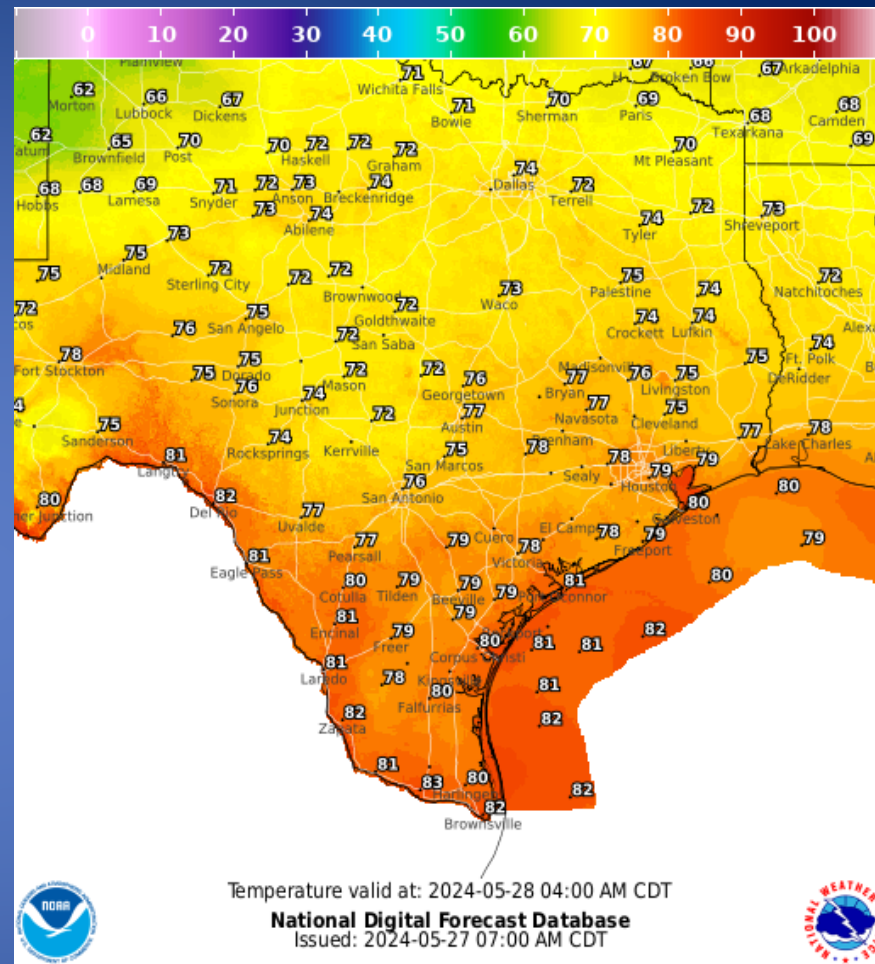
<b>DATE</b>	<b>SUBJECT</b>
05/26/24	Southern Region ROC: State of Texas Weekly Outlook - Monday, May 27, 2024, through Sunday, June 2, 2024
05/26/24	NWS Corpus Christi: Excessive Heat Warning/Heat Advisory Extended Through Monday
05/26/24	NWS Fort Worth: Public Information Statement - NWS Damage Survey for Saturday May 25, 2024, Tornado Event
05/27/24	NWS Austin/San Antonio: Last Day of Excessive Heat - Storm Chances Return
05/27/24	NWS Shreveport, LA: Heat Advisory is in Effect for Deep East Texas Today
05/27/24	NWS Houston/Galveston: Weather Update for Today-Tuesday
05/27/24	Daily NWS Threat Brief for FEMA Region 6
05/27/24	NWS Brownsville: Dangerous Heat and Swimming Conditions Continue
05/27/24	NWS El Paso, TX/Santa Teresa, NM: Weather Hazards Outlook - Monday



# Weather Forecast

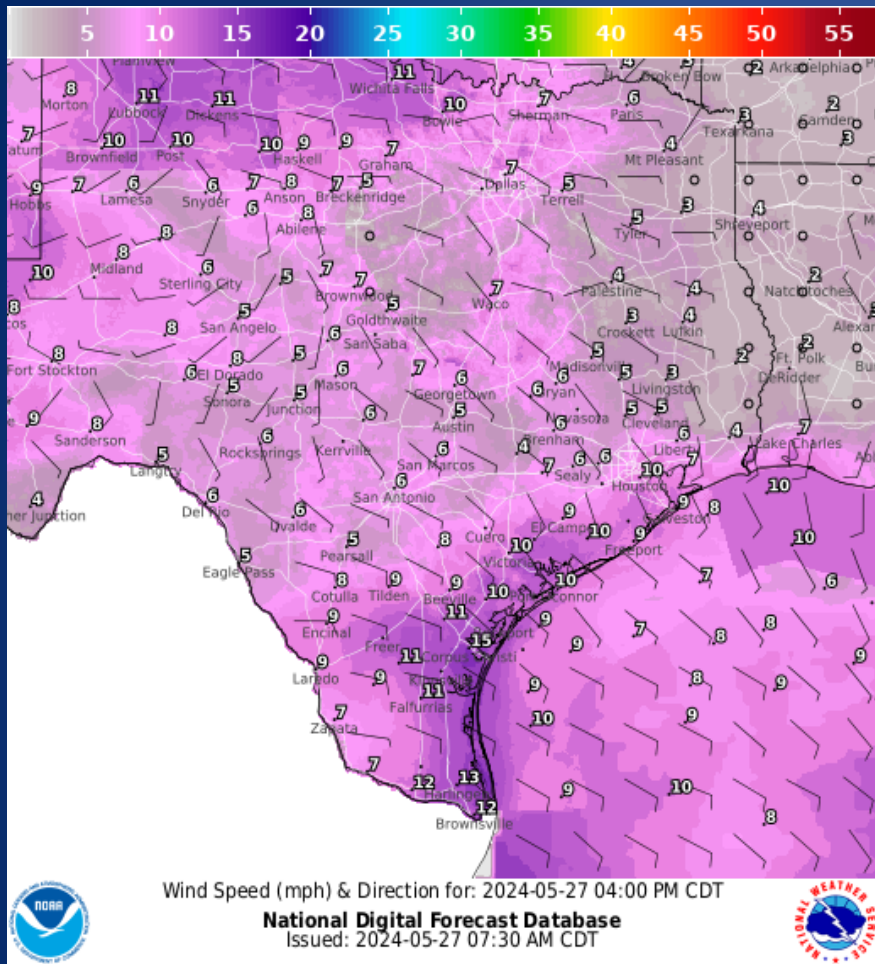


## Highs

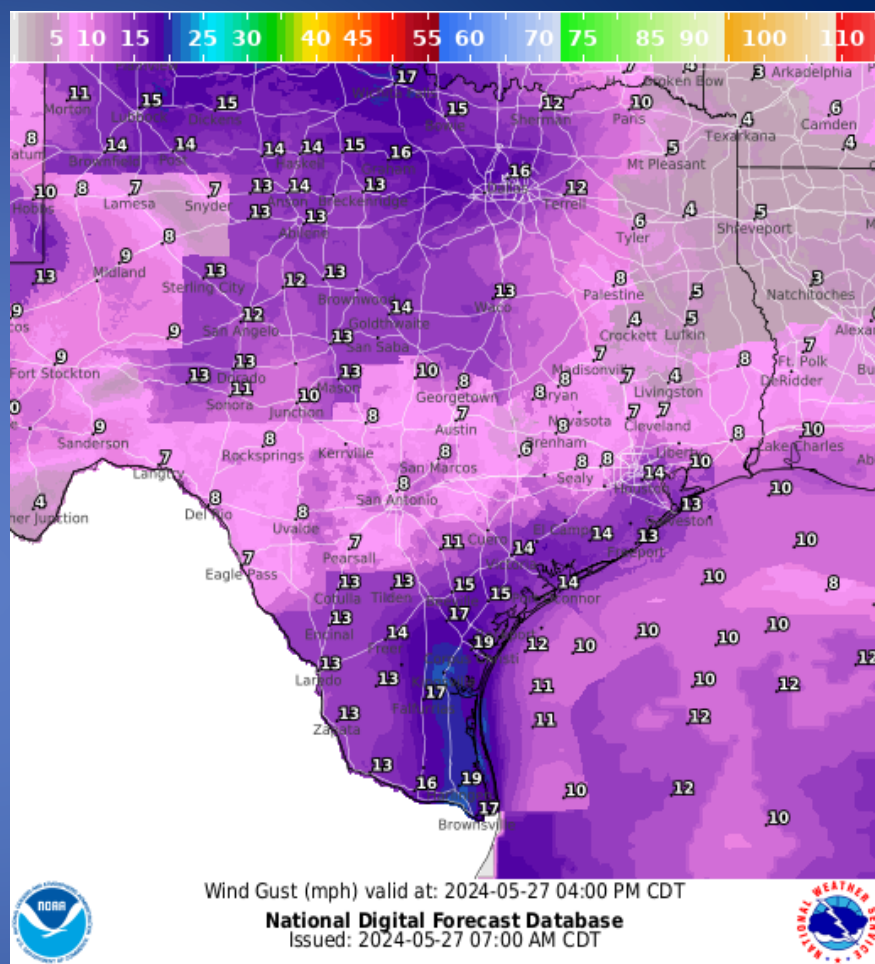


## Lows

# Weather Forecast



## Wind Speeds



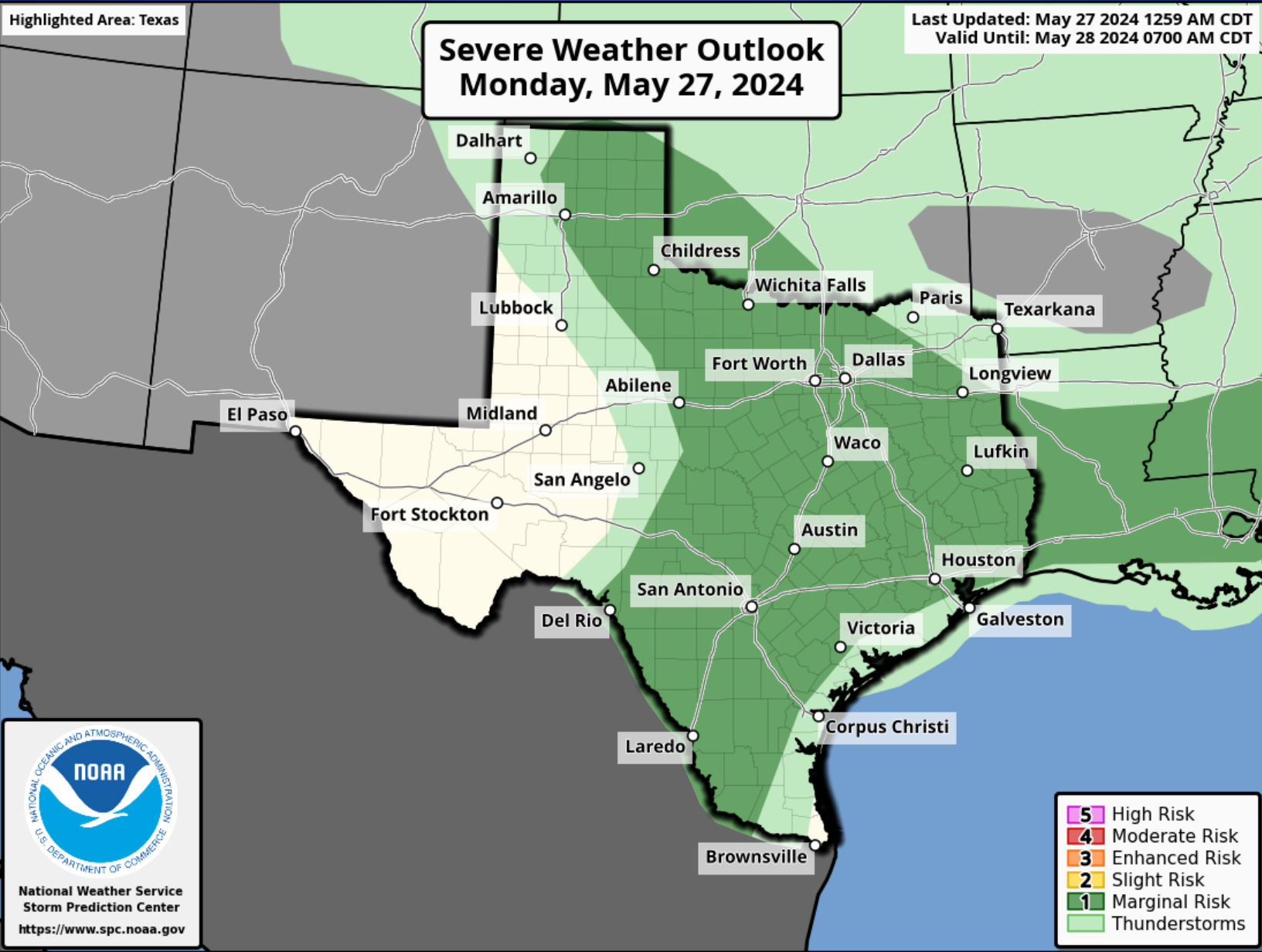
## Gusts

# Hazardous Weather

Highlighted Area: Texas

Last Updated: May 27 2024 1259 AM CDT  
Valid Until: May 28 2024 0700 AM CDT

## Severe Weather Outlook Monday, May 27, 2024



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
U.S. DEPARTMENT OF COMMERCE

**National Weather Service**  
Storm Prediction Center  
<https://www.spc.noaa.gov>

5	High Risk
4	Moderate Risk
3	Enhanced Risk
2	Slight Risk
1	Marginal Risk
	Thunderstorms

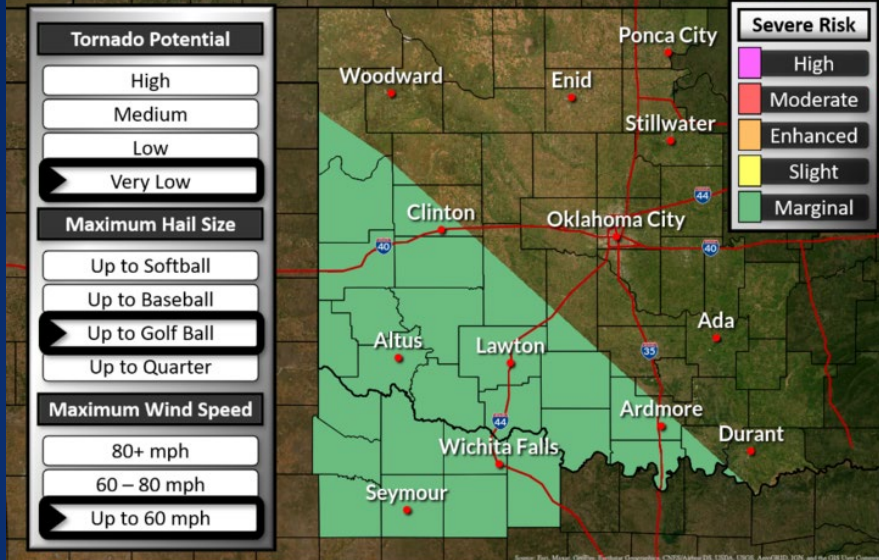


# Hazardous Weather

## Monday Evening/Night Severe Thunderstorm Risk

Timing: After 6 pm

Weather Forecast Office  
Norman, OK  
Issued May 27, 2024 3:11 AM CDT

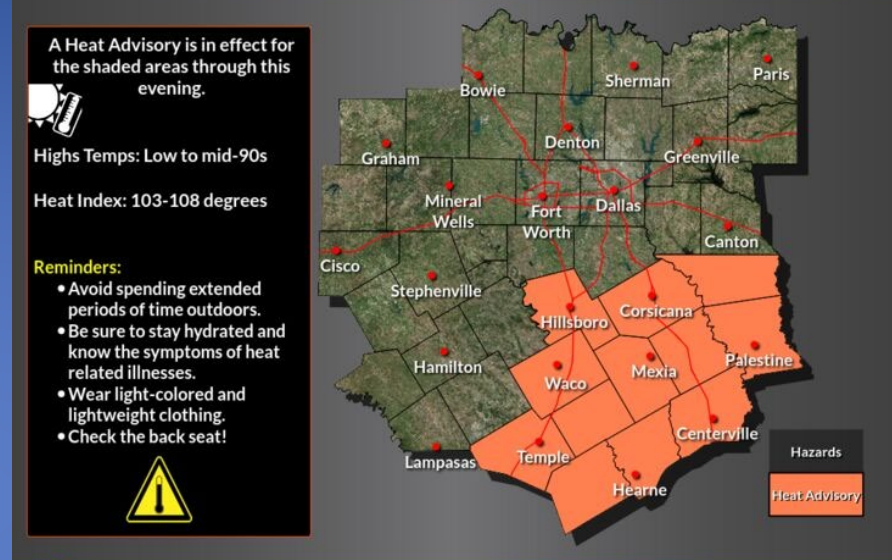


NWSNorman

weather.gov/norman

## Heat Advisory in Effect

Weather Forecast Office  
Fort Worth, TX  
Issued May 27, 2024 4:51 AM CDT



NWSFort Worth

weather.gov/fortworth

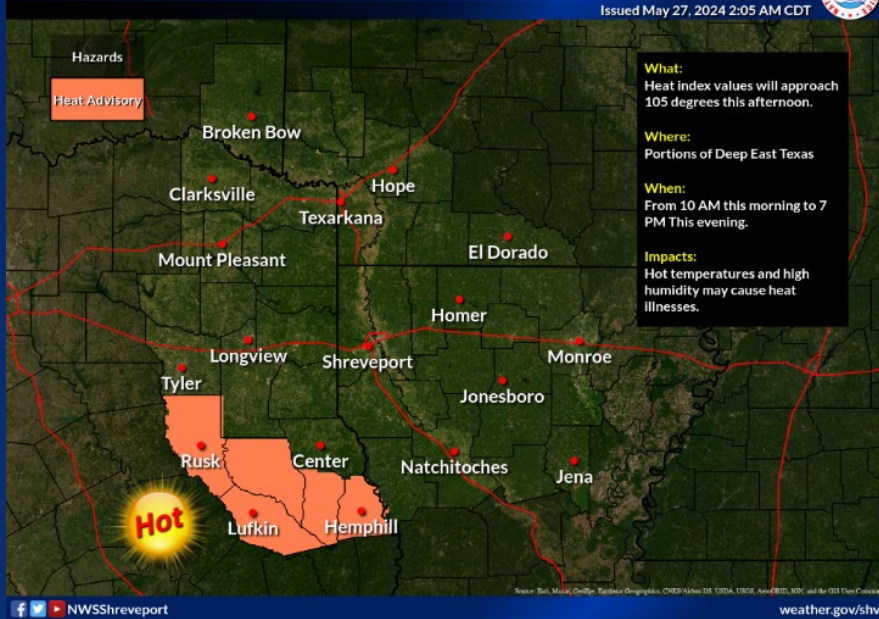
**A Heat Advisory remains in effect for portions of Central Texas through this evening. If you plan on being outside for prolonged periods of time, drink plenty of water and take several breaks in the shade or in an air-conditioned building.**



# Hazardous Weather

## Heat Advisory in Effect for Today

Weather Forecast Office  
Shreveport, LA  
Issued May 27, 2024 2:05 AM CDT



**A Heat Advisory is in effect for today across mainly Deep East Texas. Precautions should be taken to prevent heat related illnesses.**



## Heat Advisory on Memorial Day

May 27, 2024  
4:46 AM

Noon to 8 PM CDT

### Key Message

Dangerous heat expected on Wednesday with heat index values of 108° to 110°.

### Hazards

- Heat exhaustion
- Heat Stroke
- Dehydration

### Actions

- Never leave kids or pets in the car
- Drink plenty of water and/or beverages with electrolytes
- Take frequent breaks in shade or A/C



National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

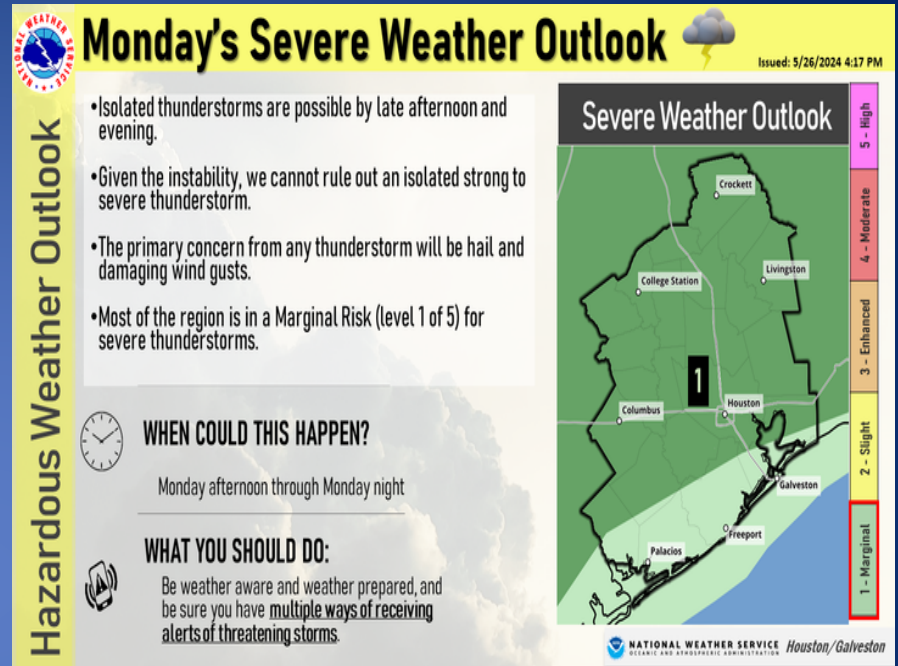
National Weather Service  
Lake Charles, LA

**A Heat Advisory for all areas except the immediate coast. Maximum heat index values or the apparent temperature is expected to range from 108 to 110 degrees.**

# Hazardous Weather



Isolated thunderstorms during the afternoon into early evening hours will have the potential to become severe. The NOAA NWS Storm Prediction Center has outlooked the area in a Marginal Risk (Level 1 of 5.) The main hazard is expected to be damaging downburst wind gusts.



Isolated thunderstorms are possible Monday afternoon and evening. An isolated severe thunderstorms cannot be ruled out. Damaging winds and hail are the primary concerns.

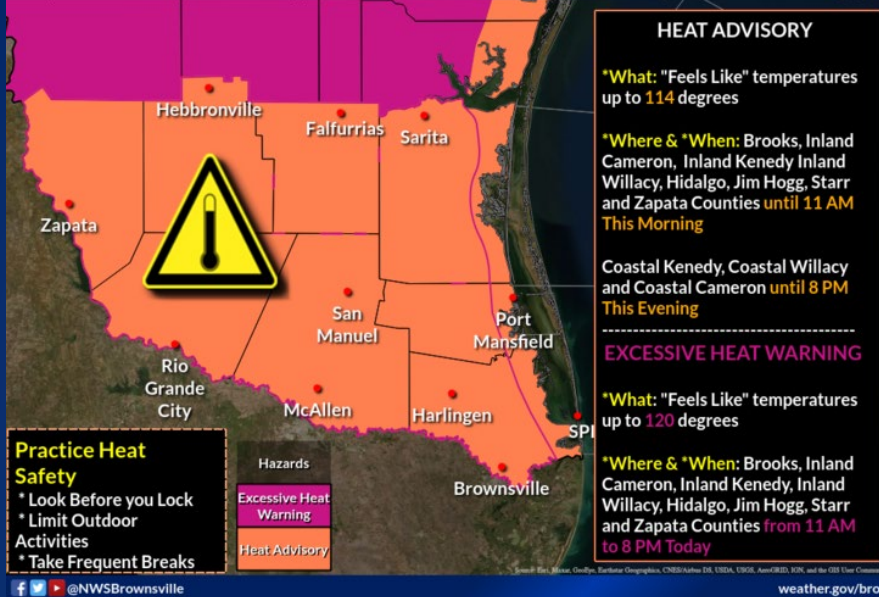


# Hazardous Weather

## Dangerous Heat Continues

Take precautions to avoid heat-related impacts!

Weather Forecast Office  
Brownsville/RGV, TX  
Issued May 27, 2024 4:45 AM CDT

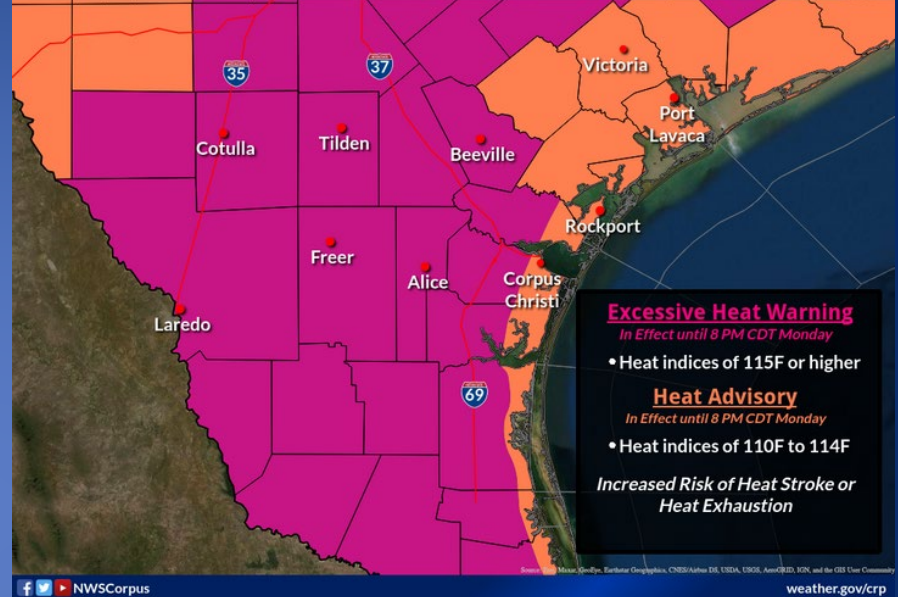


**Dangerous Heat continues today. A Heat Advisory is in effect for all of Deep South Texas, except the barrier islands until 11 AM this morning . A Heat Advisory will continue until 8 PM this evening for coastal Cameron, coastal Willacy and coastal Kenedy counties. An Excessive Heat Warning is in effect from 11 AM until 8 PM today for inland Cameron, inland Willacy, inland Kenedy, Brooks, Hidalgo, Starr, Jim Hogg and Zapata counties.**

## Dangerous Heat Today

Take Breaks | Stay Cool/Hydrated | Look before You Lock!

Weather Forecast Office  
Corpus Christi, TX  
Issued May 27, 2024 3:59 AM CDT



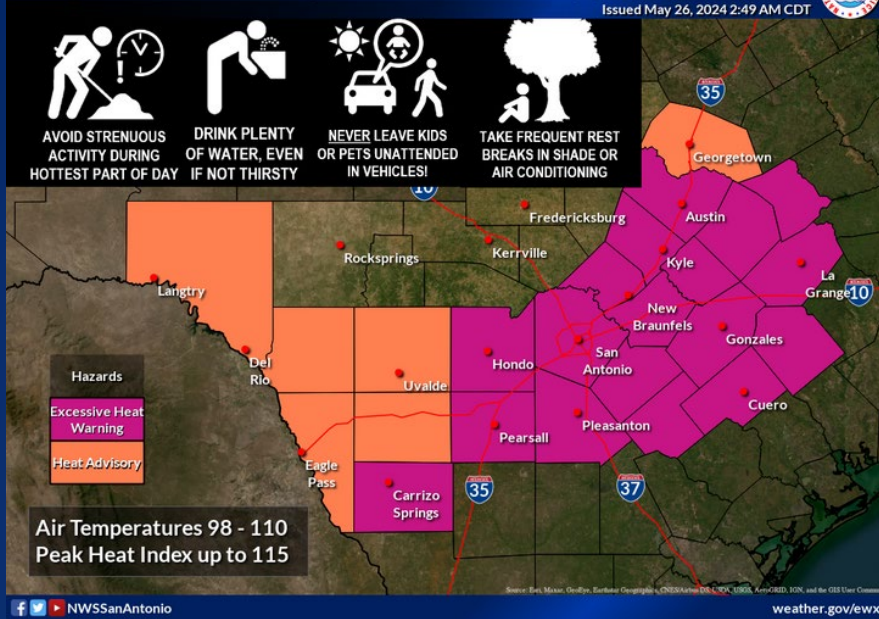
**Dangerous heat will continue tonight through Monday evening. A major to extreme risk of heat-related impacts will continue and advisories/warnings will likely be extended.**



# Hazardous Weather

## Dangerous Heat Today Thru 8PM Monday

Weather Forecast Office  
Austin/San Antonio, TX  
Issued May 26, 2024 2:49 AM CDT

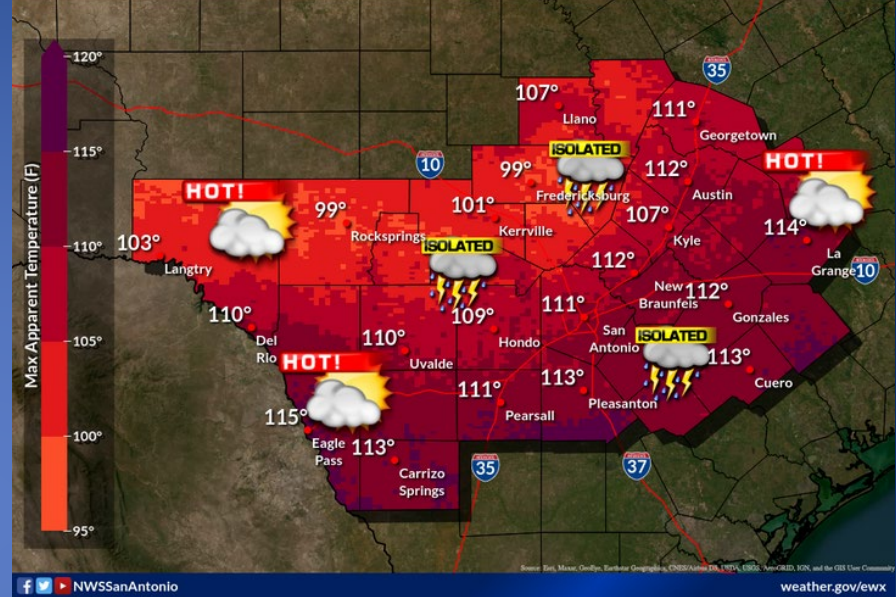


The peak of the early season heatwave has arrived with record breaking temperatures and heat index values getting into the 105 to 115 range. Make sure you take frequent breaks, drink plenty of water, wear loose-fitting, light-colored clothing, and find some time in the shade or A.C. Here are today's heat headlines.

## Max Heat Index Today


Isolated Storm Late Afternoon

Weather Forecast Office  
Austin/San Antonio, TX  
Issued May 27, 2024 1:59 AM CDT



Unusually hot weather continues over most areas today. Highs will range from the mid 90s northeast to near 110 west. Heat indices could get as high as 115 degrees. There is a chance of an isolated storm late this afternoon. A strong storm can't be ruled out.

# Hazardous Weather




## Monday's Severe Weather Outlook


May 26, 2024  
1:11 PM

May 27, 2024  
3:45 AM


**Potential Hazards:**



Damaging Winds  
(60+ mph)



Large Hail



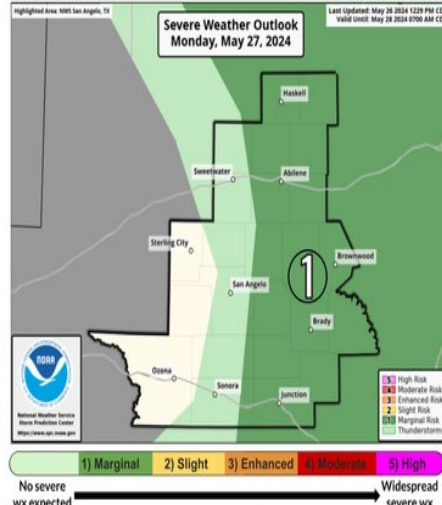
A possible tornado

**Timing:**

Late afternoon into the evening hours.


**What to Expect:**

Isolated strong to severe thunderstorms are possible, mainly east of a Sweetwater to San Angelo to Sonora line. The main hazards will be large hail and damaging winds, although a tornado cannot be ruled out.



National Weather Service  
San Angelo, TX

The peak of the early season heatwave has arrived with record breaking temperatures and heat index values getting into the 105 to 115 range. Make sure you take frequent breaks, drink plenty of water, wear loose-fitting, light-colored clothing, and find some time in the shade or A.C. Here are today's heat headlines.



## Heat Advisory

May 27, 2024  
3:45 AM

May 27, 2024  
3:45 AM

**NOON TO 8 PM CDT**


**Davis Mountains/Foothills, Brewster, Pecos, and Terrell Counties**

### HIGH Temperatures


As high as 95° F to 114°F

(Hottest temps along the Rio Grande)

Heat Advisory




**PLAN** >>>




Drink plenty of water, even if you don't feel thirsty

**PREPARE** >>>




Wear lightweight, loose fitting, light colored clothing

**ACT**



Prolonged exposure could result in heat-related illness



National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Midland/Odessa, TX

A Heat Advisory is in effect this afternoon and early evening for the Davis Mountains, Davis Mountain Foothills, and Brewster, Pecos, and Terrell Counties. Take necessary precautions in the heat, like drinking plenty of fluids and taking frequent breaks.

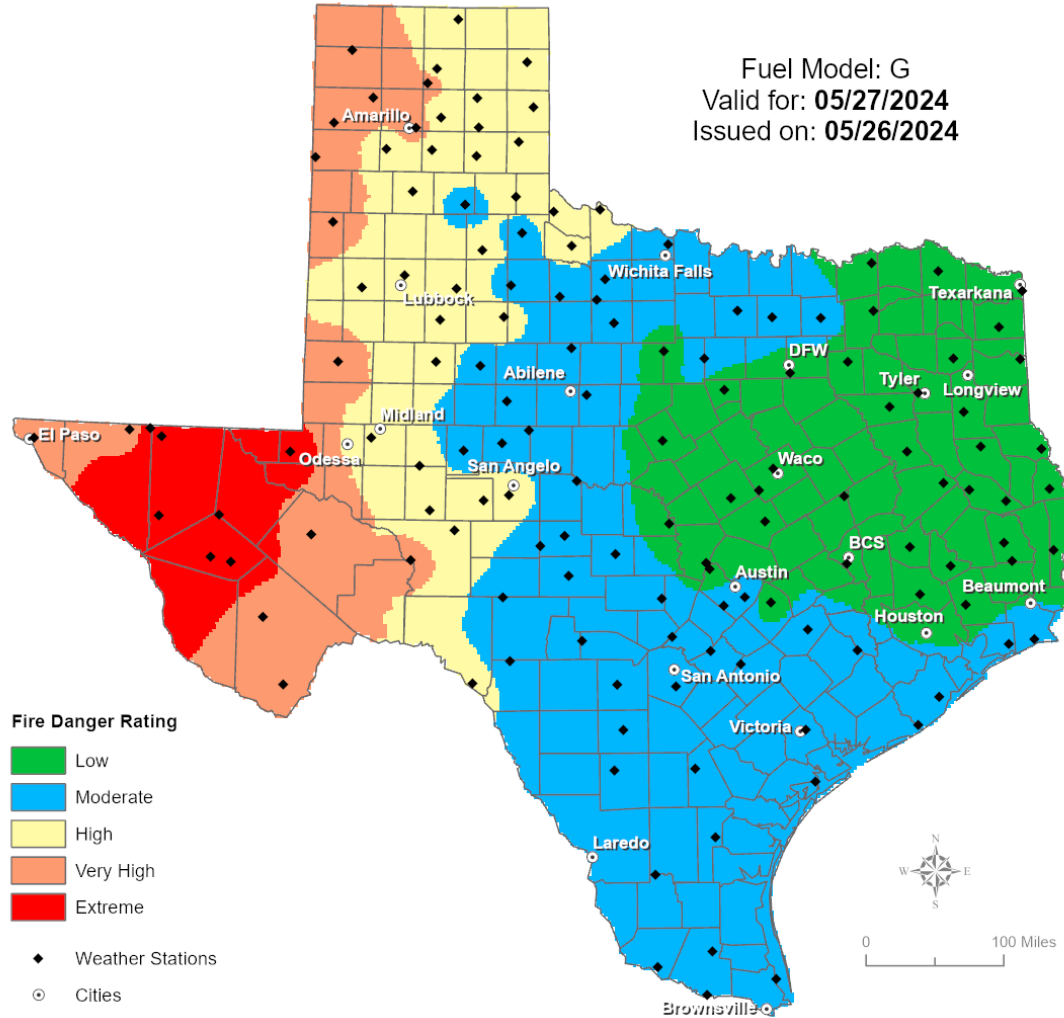
# Weather Warnings/Advisories Issued

<b>DATE</b>	<b>WARNING TYPE</b>	<b>LOCATION</b>
05/26/24	Severe Thunderstorm Warning	Bell, Bowie, Cass, Falls, Leon, Madison, McLennan, Morris and Robertson Counties
05/26/24	Flood Warning	Anderson, Brazos, Cherokee, Grimes, Houston, Hunt and Madison Counties
05/26/24	Excessive Heat Warning	Austin, Brooks, Cameron, Colorado, Fort Bend, Harris, Hidalgo, Jim Hogg, Kenedy, Montgomery, Starr, Waller, Washington, Wharton, Willacy and Zapata Counties
05/26/24	Tornado Watch	Cass and Marion Counties
05/27/24	Excessive Heat Warning	Bee, Live Oak and San Patricio Counties
05/27/24	Severe Thunderstorm Warning	Cass County



# Fire Danger Forecast

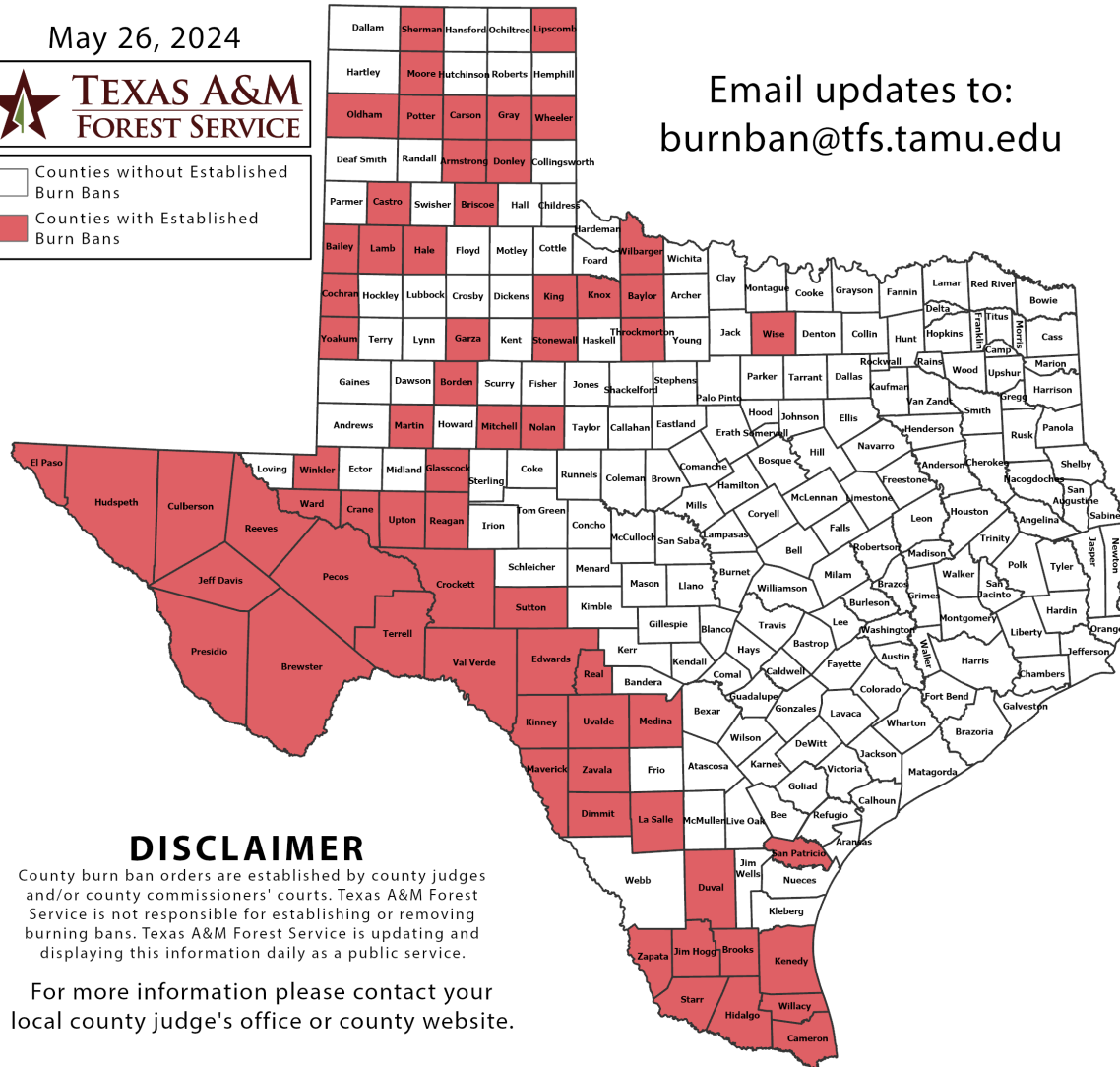
## Forecast Fire Danger



# Burn Ban

## OUTDOOR BURN BANS

May 26, 2024



Email updates to:  
burnban@tfs.tamu.edu

### Counties with Burn Bans: 66

- |           |            |              |
|-----------|------------|--------------|
| Armstrong | Hale       | Reagan       |
| Bailey    | Hidalgo    | Real         |
| Baylor    | Hudspeth   | Reeves       |
| Borden    | Jeff Davis | San Patricio |
| Brewster  | Jim Hogg   | Sherman      |
| Briscoe   | Kenedy     | Starr        |
| Brooks    | King       | Stonewall    |
| Cameron   | Kinney     | Sutton       |
| Carson    | Knox       | Terrell      |
| Castro    | Lamb       | Throckmorton |
| Cochran   | La Salle   | Upton        |
| Crane     | Lipscomb   | Uvalde       |
| Crockett  | Martin     | Val Verde    |
| Culberson | Maverick   | Ward         |
| Dimmit    | Medina     | Wheeler      |
| Donley    | Mitchell   | Willbarger   |
| Duval     | Moore      | Willacy      |
| Edwards   | Nolan      | Winkler      |
| El Paso   | Oldham     | Wise         |
| Garza     | Pecos      | Yoakum       |
| Glasscock | Potter     | Zapata       |
| Gray      | Presidio   | Zavala       |

### DISCLAIMER

County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

For more information please contact your local county judge's office or county website.

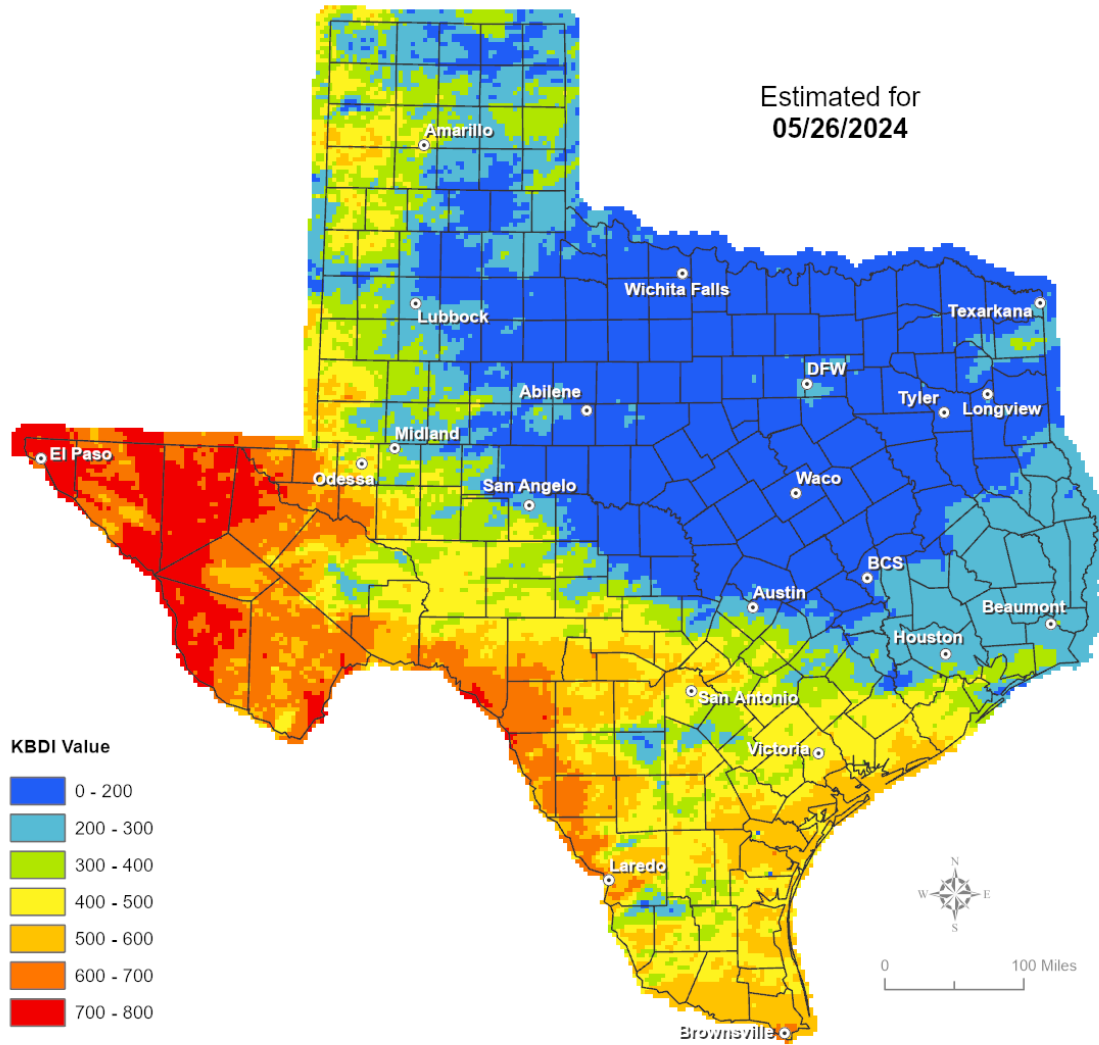
RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)  
Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

# Keetch-Byram Drought Index

## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
05/26/2024



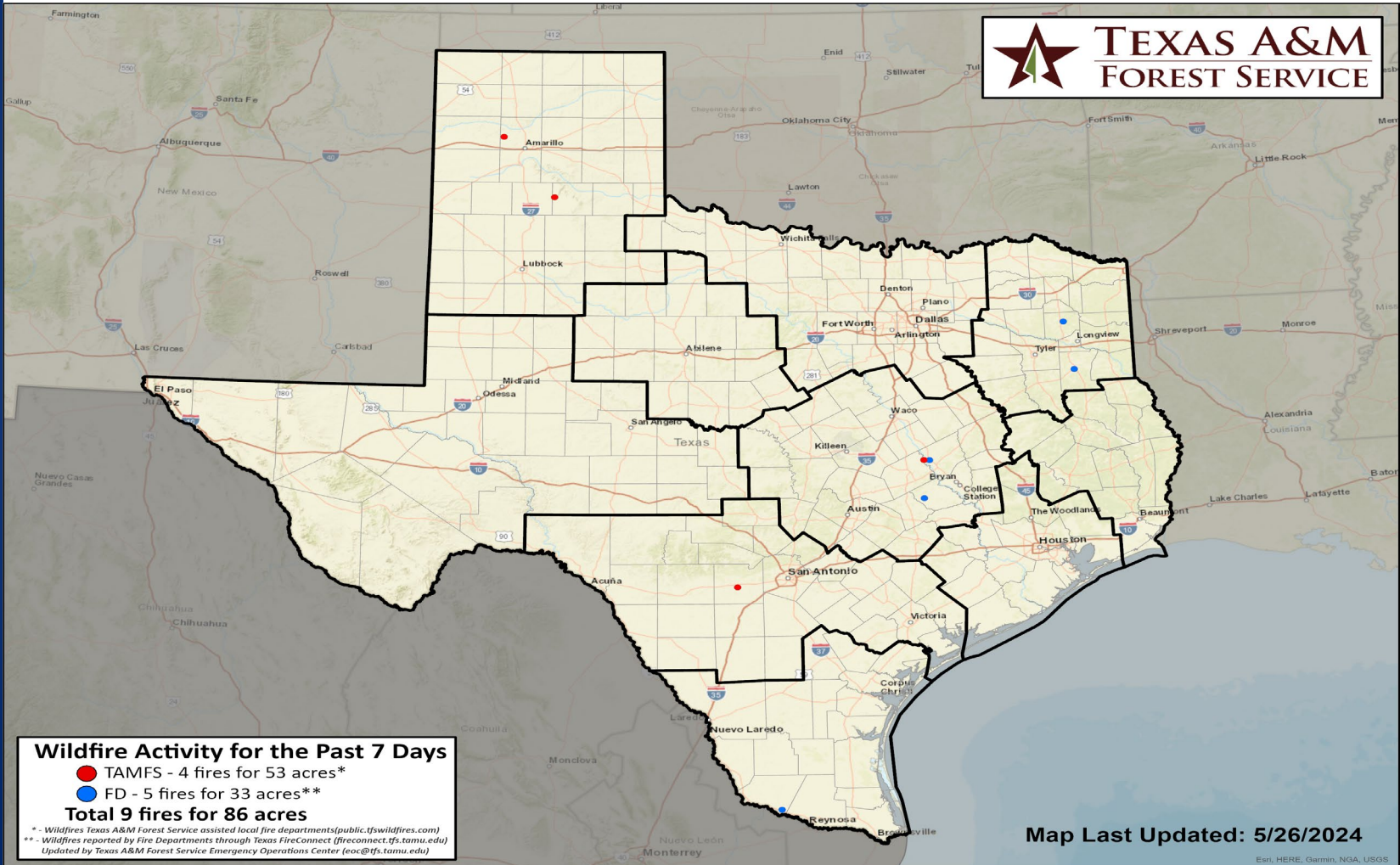


# Fire Weather Warnings/Watches/Statements

<b>DATE</b>	<b>WARNING TYPE</b>	<b>LOCATION</b>
05/26/24	Fire Danger Statement	Edwards, Kinney, Maverick and Val Verde Counties

# Fire Activity (\*Last 24 Hours)

Report of 184 (No Change) fires and 1,248,618 (No Change) acres have been burned this year. There are 66 (No Change) counties with burn bans. The Keetch-Byram Drought Index list contains 65 (+4) counties with an average over 400.



# Exercises

DATES		AGENCY/LOCATION	TYPE: EXERCISE NAME
05/28/24	05/28/24	Wharton County Electric COOP/El Campo	Annual EOP Exercise