

# Texas Division of Emergency Management Texas State Operations Center



Wednesday, May 22<sup>nd</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.

07:30 AM EDT  
Wed May 22 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)

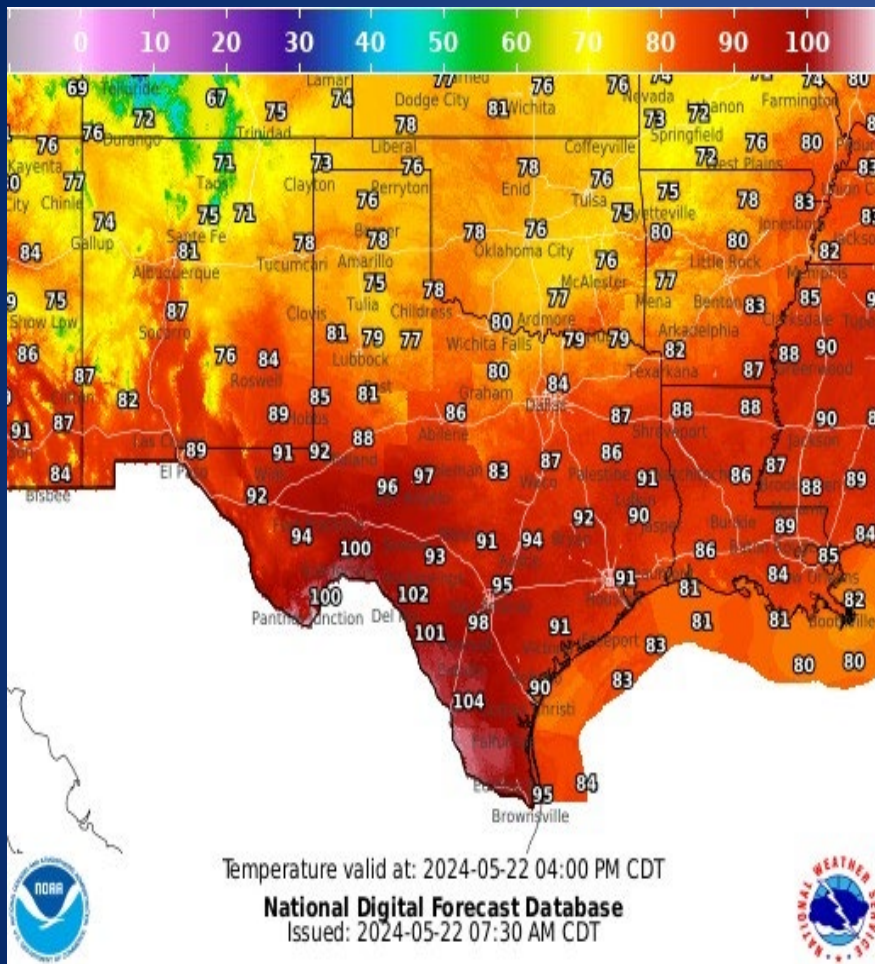
<b>DATE</b>	<b>SUBJECT</b>	<b>LOCATION</b>
05/21/24	Final Report of a Road Closure (US83)	Dimmit County
05/21/24	Preliminary Earthquake Report (M3.4)	Culberson County
05/21/24	Final Report of the Mackenzie Fire	Briscoe County

# Informational Products Distributed by the State Operations Center

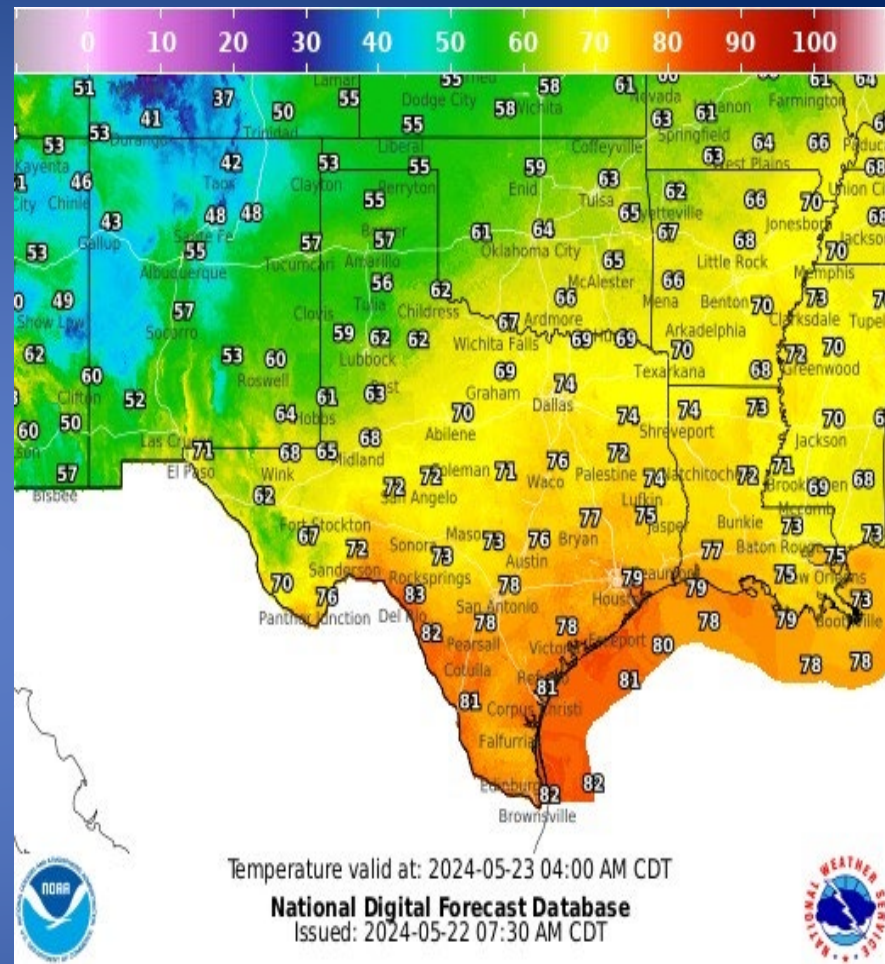
<b>DATE</b>	<b>SUBJECT</b>
05/21/24	NWS Fort Worth: Severe Weather Potential Today Through Friday
05/21/24	NWS West Gulf RFC: Slow Improvement for Southeast Texas; Possible Minor Flooding for North Texas
05/21/24	NWS Shreveport, LA: Severe Weather Update - Wednesday and Thursday
05/21/24	NWS Norman, OK: Severe Weather Update
05/22/24	NWS Brownsville: Public Information Statement - Maximum Heat Index Report
05/22/24	NWS Shreveport, LA: Severe Thunderstorms likely later today through this evening across much of the Four State Region
05/22/24	NWS Austin/San Antonio: Situation Report Severe Storms Wednesday & Wednesday Night, and Early Season Heat Wave
05/22/24	NWS Huston/Galveston: Hazardous Weather Outlook for Wednesday Evening
05/22/24	Daily NWS Threat Brief for FEMA Region 6



# Weather Forecast



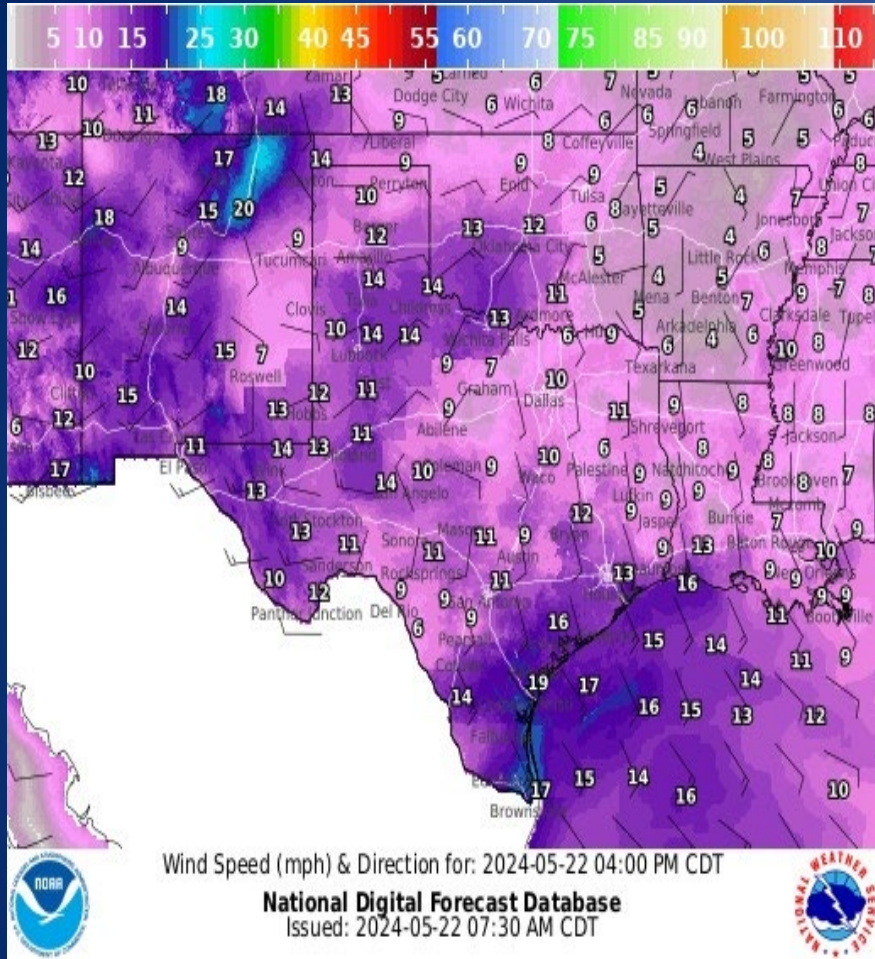
## Highs



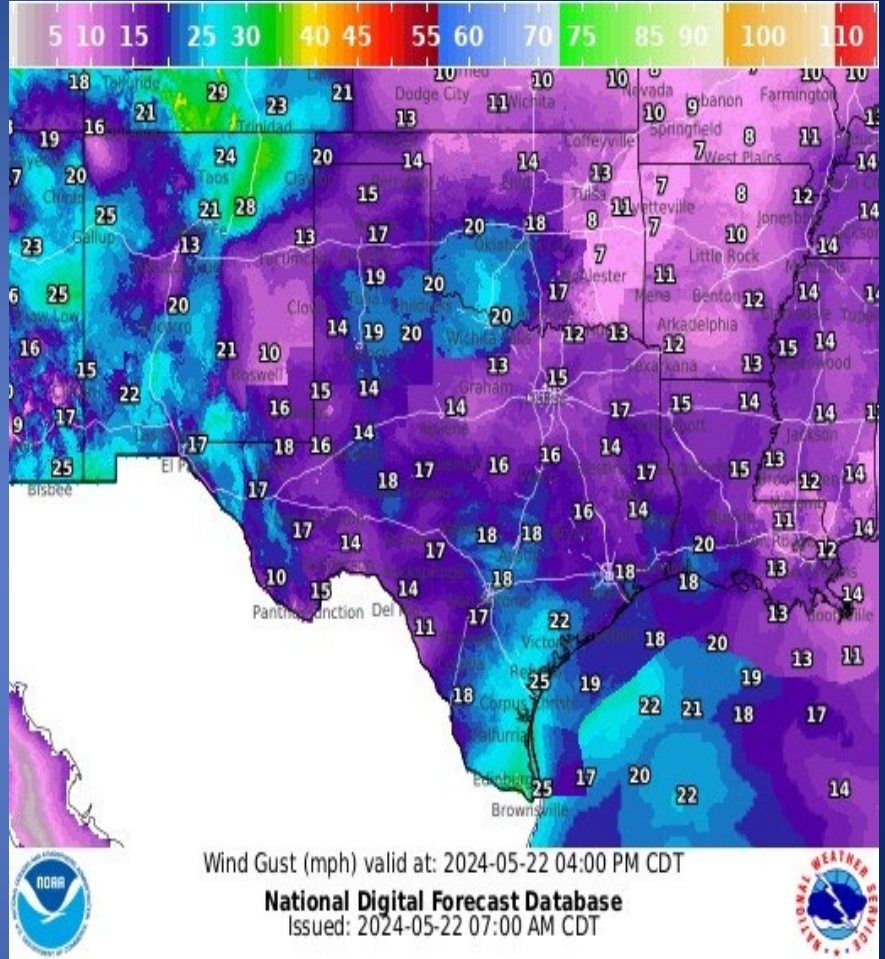
## Lows



# Weather Forecast

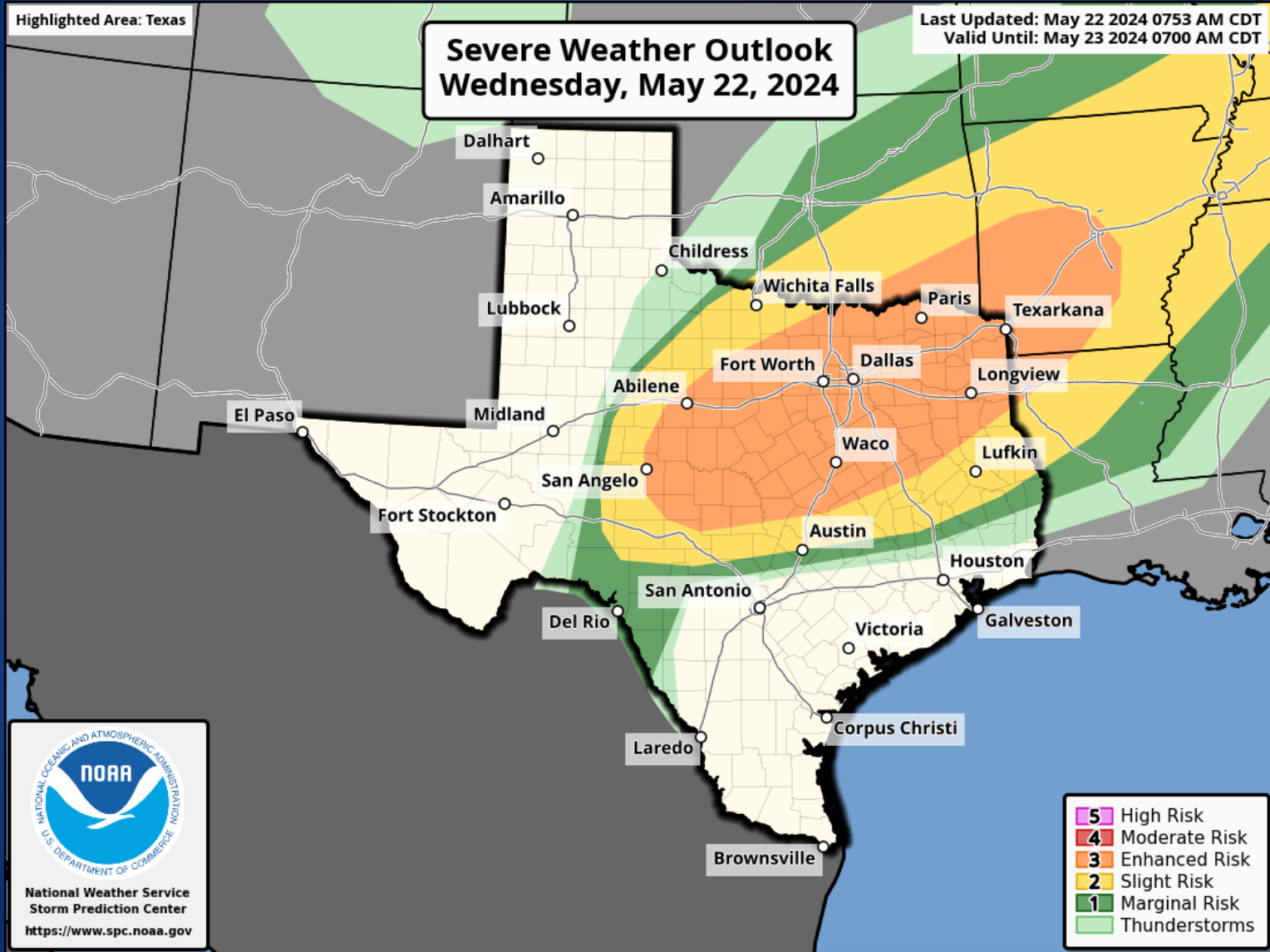


## Wind Speeds



## Gusts

# Hazardous Weather



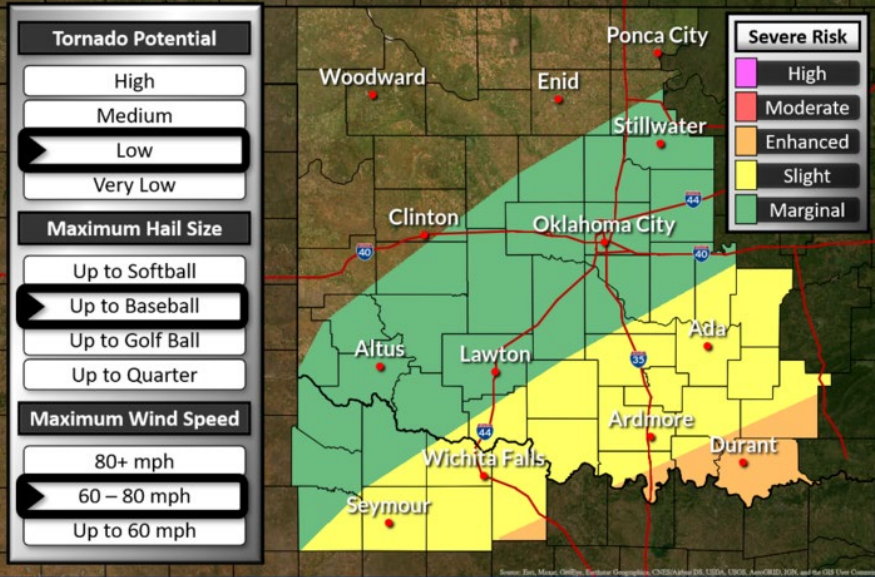


# Hazardous Weather

## Wednesday Severe Thunderstorm Potential

Timing: 1st round: 5 AM - 11 AM || 2nd round (most severe) 1 PM - 11 PM

Weather Forecast Office  
Norman, OK  
Issued May 22, 2024 2:35 AM CDT



NWSNorman

weather.gov/norman

There is the potential for two rounds of severe weather Wednesday. The first would be for storms to develop just before dawn across central Oklahoma, then move into southeast Oklahoma with the potential for large hail. The second round, which would be more impactful with very large hail, damaging winds, and possibly a few tornadoes, is expected mainly in the slight and enhanced risk areas after 1 PM through the evening hours.

## Late Wednesday Tornado Potential

Timing: 3 PM - 8 PM

Weather Forecast Office  
Norman, OK  
Issued May 22, 2024 1:17 AM CDT



NWSNorman

weather.gov/norman

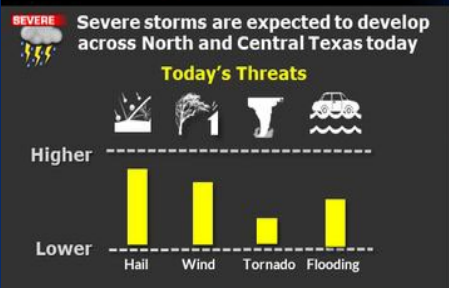
A few tornadoes will be possible during the afternoon and evening hours Wednesday



# Hazardous Weather

## Wednesday Severe Storm Timing

Weather Forecast Office  
Fort Worth, TX  
Issued May 22, 2024 6:57 AM CT



[f](#) [t](#) [v](#) NWSFortWorth

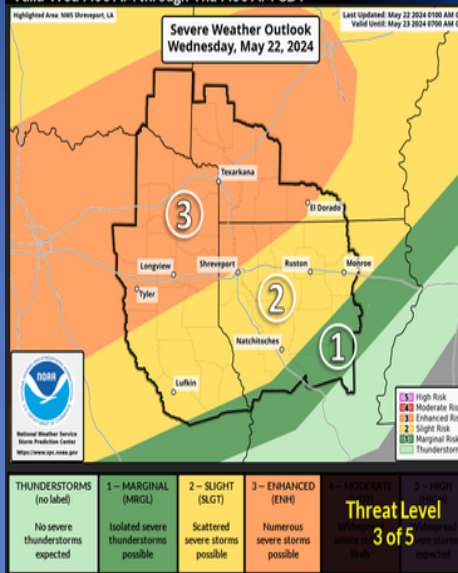
[weather.gov/fortworth](https://weather.gov/fortworth)

Severe thunderstorms are expected to develop across North and Central Texas today. Large hail and damaging wind gusts will be the primary hazards with a lower threat for tornadoes. Locally heavy rainfall may reinvigorate flooding issues across portions of the region. Make sure to have multiple ways to receive warnings today and tonight!

## Severe Weather Risk - This Afternoon into Early Thurs.

Weather Forecast Office  
Shreveport, LA  
Issued May 22, 2024 3:31 AM CDT

Valid Wed 7:00 AM through Thu 7:00 AM CDT



[f](#) [t](#) [v](#) NWSShreveport

Severe thunderstorms are possible areawide this afternoon into early Thursday. Damaging winds, large hail, tornadoes, and locally heavy rainfall will be possible.

**KEY MESSAGES**

**WHAT...** Severe thunderstorms are possible and will pose a threat for tornadoes, damaging winds, large hail, and locally heavy rainfall. In the Enhanced Risk area:

- 30% chance of damaging winds of 58 mph or greater
- 30% chance of large hail 1 inch in diameter or larger
- At least a 10% chance of very large hail of 2 inches in diameter or larger
- 5% chance of a tornado

**WHEN...** This afternoon and overnight into early Thursday.

THREATS	SAFETY
<p>Minimal Threat</p> <p>High Threat</p> <p>1 Damaging Winds</p> <p>2 Tornadoes</p> <p>3 Large Hail</p> <p>4 Flooding Rain</p>	<ul style="list-style-type: none"> <li>• Stay weather aware.</li> <li>• Have multiple ways to receive warnings.</li> <li>• Know where your safe place is in the event you need to take shelter.</li> </ul>

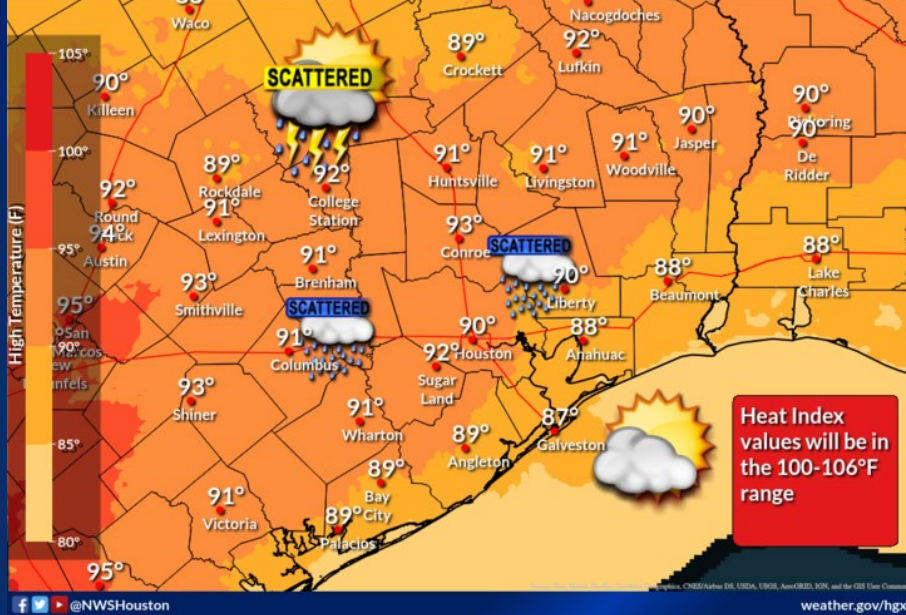
[weather.gov/shv](https://weather.gov/shv)

# Hazardous Weather

## Wednesday's Outlook

Chances of scattered showers/storms, mainly north of I-10

Weather Forecast Office  
Houston/Galveston TX  
Issued May 22, 2024 3:16 AM CDT



Temperatures on Wednesday will be in the upper 80s/low 90s with scattered showers/storms possible mainly north of I-10.



## This Evening: Slight Risk of Severe Storms

### Hazardous Weather Outlook

• Showers and thunderstorms in North Texas this afternoon will make their way parts of Southeast Texas this evening...then eventually weaken and dissipate.

• Some storms could be strong to severe. Damaging winds and hail would be the primary threat.

• The more intense cells will be capable of producing 1-3" in a short time period and could lead to localized street flooding. This will not be a widespread flood event/threat.

• Residents along and north of TX-105 should keep up with the latest forecasts today and this evening.

#### WHEN?

- 6 PM – 1 AM

#### WHAT YOU SHOULD DO:

- Be weather aware and weather prepared, and make sure you have multiple ways of receiving alerts of threatening storms.



Issued: 5/22/2024 4:28 AM



# Hazardous Weather

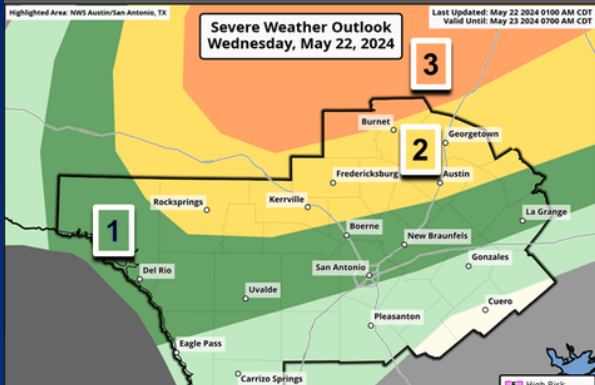
Risk for Isolated to Scattered Severe Storms Late Afternoon & Tonight

Weather Forecast Office  
Austin/San Antonio



Issued May 22, 2024 3:34 AM CDT

Greatest risk within the yellow and orange areas



- Not all locations will see storms
- Most locations in green will NOT see storms



### Threats

- VERY LARGE HAIL
- DAMAGING WINDS
- ISOLATED TORNADO

### Timing

4 PM to 1 AM

### What to Do?

- BE READY TO SHELTER INDOORS IF STORMS APPROACH
- OUTDOOR PLANS? STAY WEATHER AWARE!
- HAVE MULTIPLE WAYS TO RECEIVE WARNINGS

There is an Enhanced (3 of 5) Risk of severe storms over parts of the northern Hill Country and a Slight (2 of 5) Risk of severe storms across most of the Hill Country and the adjacent areas of the Austin metro area. Strong to severe storms are expected to develop over North Central and West Central Texas and drift south into northern portions of our County Warning Area late this afternoon and this evening. Only isolated storms are forecast outside of the orange and yellow shaded areas above. Plan ahead to receive weather updates if you intend on being outdoors or travelling in unfamiliar areas of the Hill Country and/or the Austin metro area.



## Today's Severe Weather Outlook

May 22, 2024  
4:43 AM

### Potential Hazards:

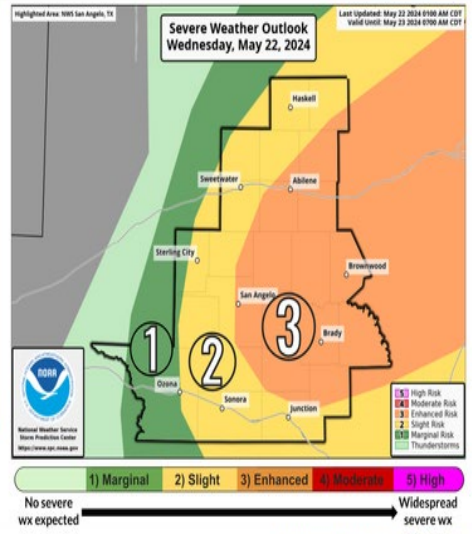
- Damaging Winds (60+ mph)
- Large Hail (quarter to tennis ball size)
- Isolated Tornadoes possible
- Localized Flooding possible

### Timing:

Early afternoon into the evening.

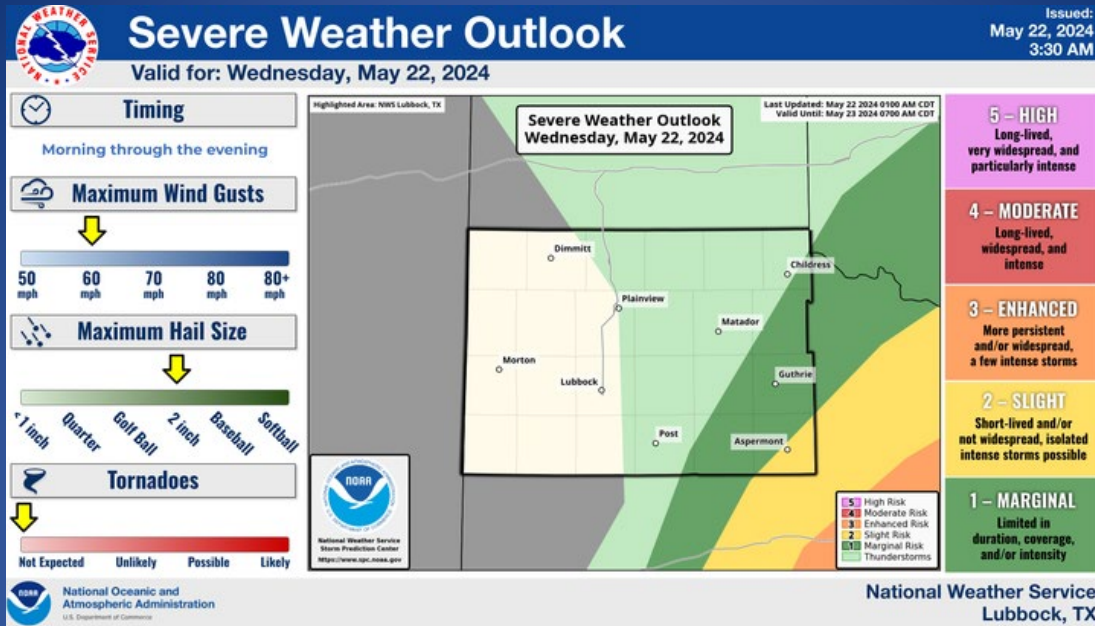
### What to Expect:

Scattered thunderstorms are expected to develop by early afternoon, and continue into the evening hours. A few of these storms are expected to become severe. Large hail greater than 2 inches in diameter, damaging winds, a few tornadoes are all possible, and localized flooding will all be possible.





# Hazardous Weather



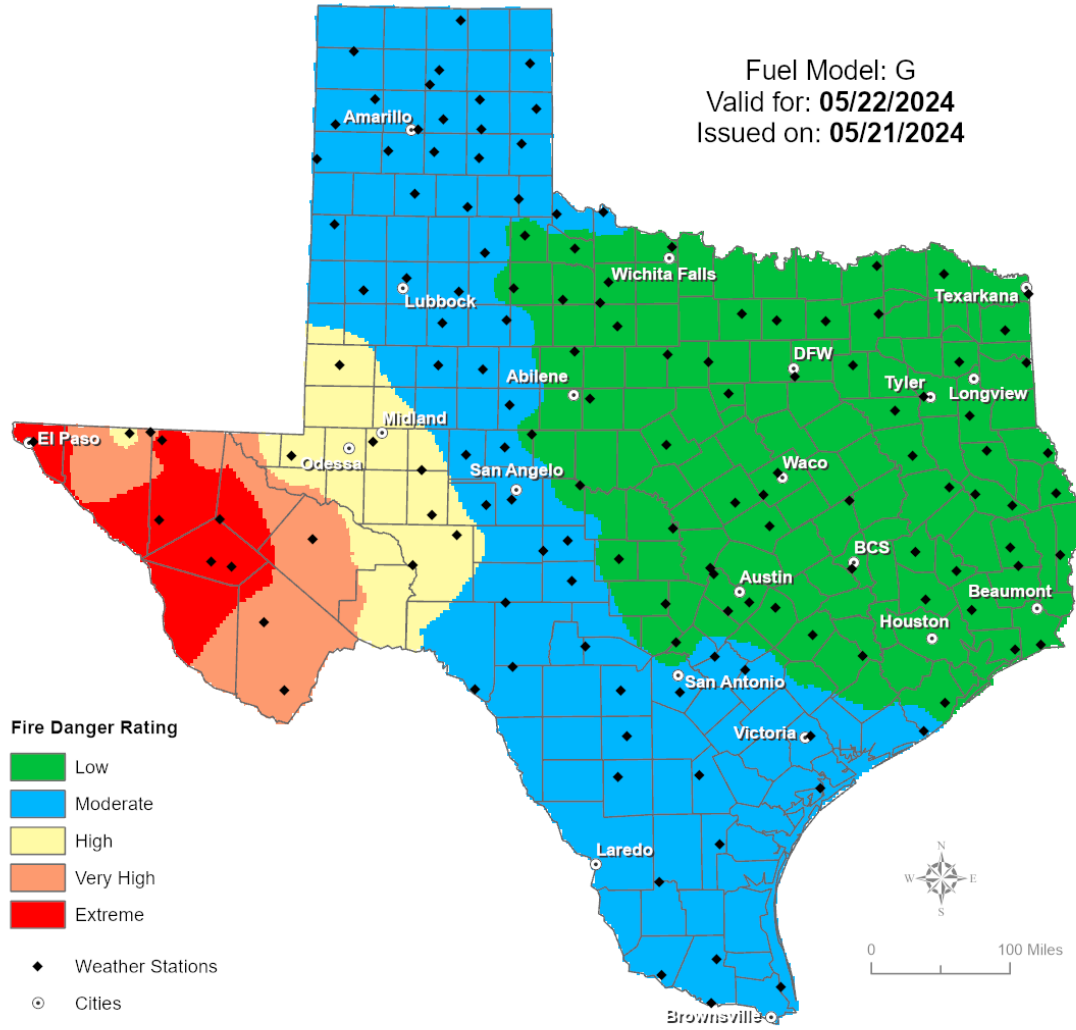
A strong cold front is moving through the region this morning, with chances for thunderstorms to form along and behind the cold front during the morning and early afternoon hours. Some storms may be strong-to-severe, with the primary hazard being large hail.

# Weather Warnings/Advisories Issued

<b>DATE</b>	<b>WARNING TYPE</b>	<b>LOCATION</b>
05/21/24	Flood Warning	Anderson, Cherokee and Houston Counties
05/21/24	Severe Thunderstorm Warning	Brown, Coleman, Coryell, Delta, Hamilton, Hopkins, Lamar, Lampasas, and Mills Counties
05/22/24	Flood Watch	Anderson, Bell, Bosque, Collin, Comanche, Cooke, Coryell, Dallas, Delta, Denton, Ellis, Erath, Falls, Fannin, Freestone, Grayson, Hamilton, Henderson, Hill, Hood, Hopkins, Hunt, Johnson, Kaufman, Lamar, Lampasas, Limestone, McLennan, Mills, Navarro, Parker, Rains, Rockwall, Somervell, Tarrant, Van Zandt and Wise Counties

# Fire Danger Forecast

## Forecast Fire Danger





# Burn Ban

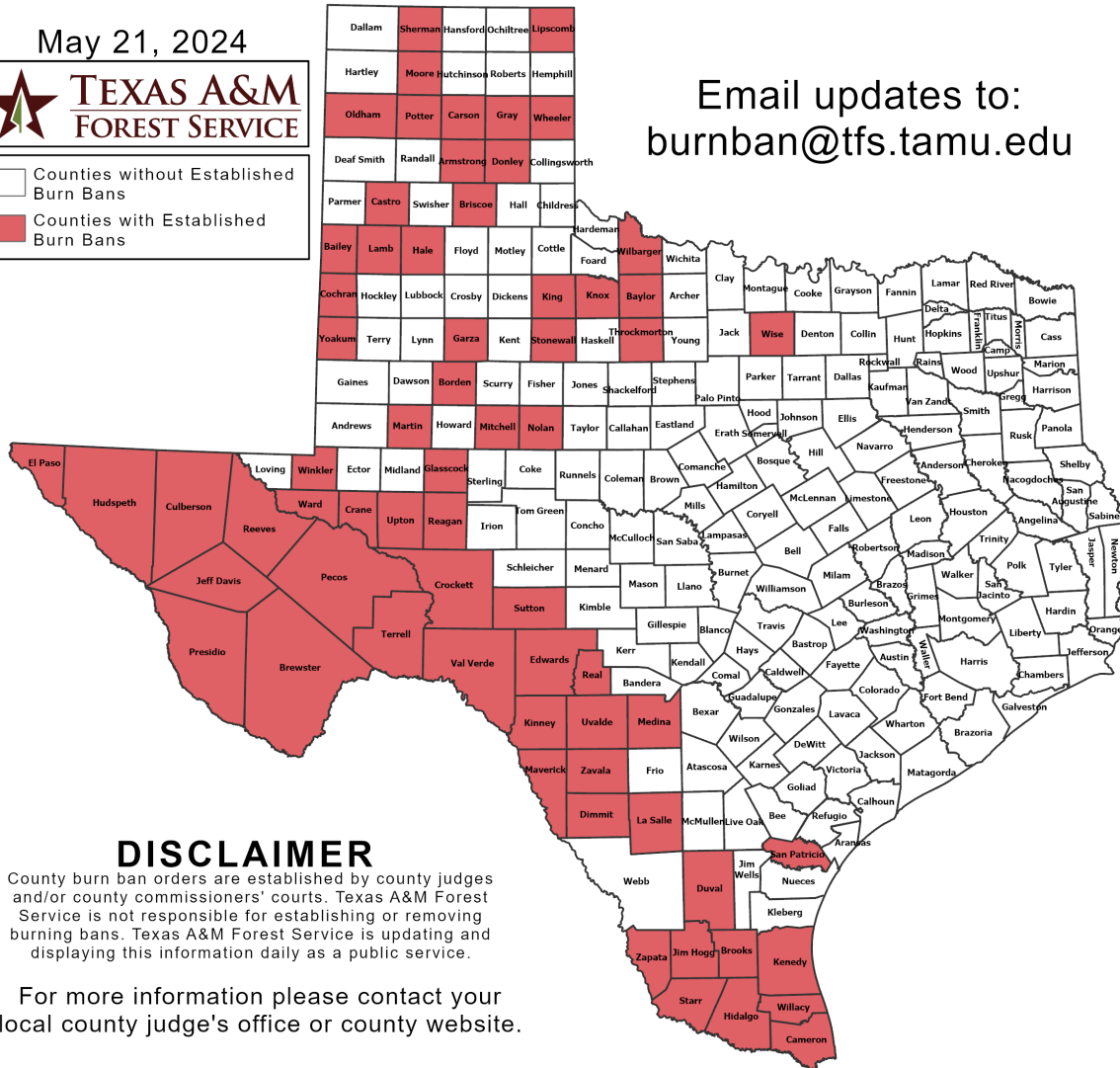
## OUTDOOR BURN BANS

May 21, 2024



Counties without Established Burn Bans  
 Counties with Established Burn Bans

Email updates to:  
[burnban@tfs.tamu.edu](mailto: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   | Wilbarger    |
| 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.

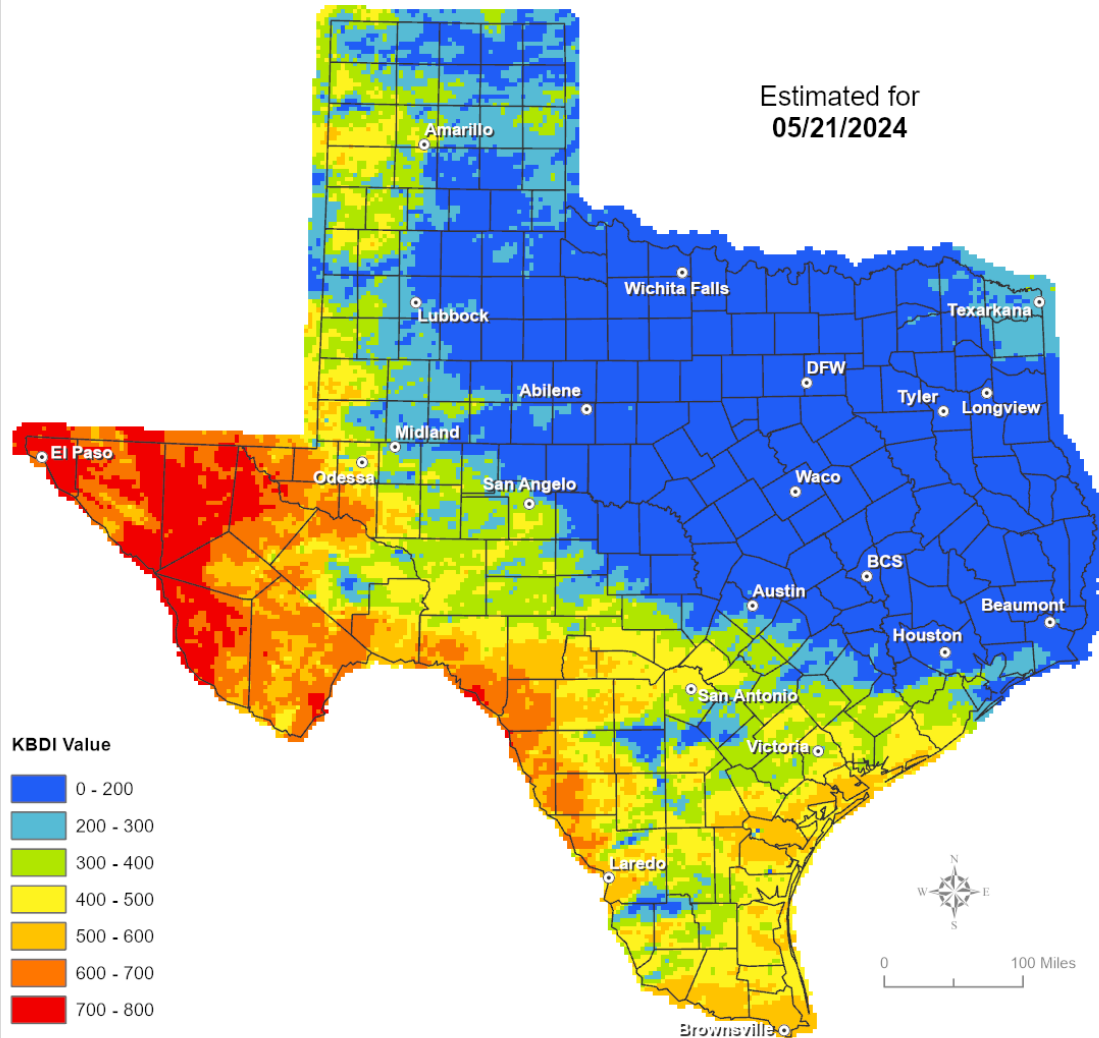
**RED FLAG WARNINGS:** [www.weather.gov](http://www.weather.gov)  
 Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

# Keetch-Byram Drought Index

## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
05/21/2024



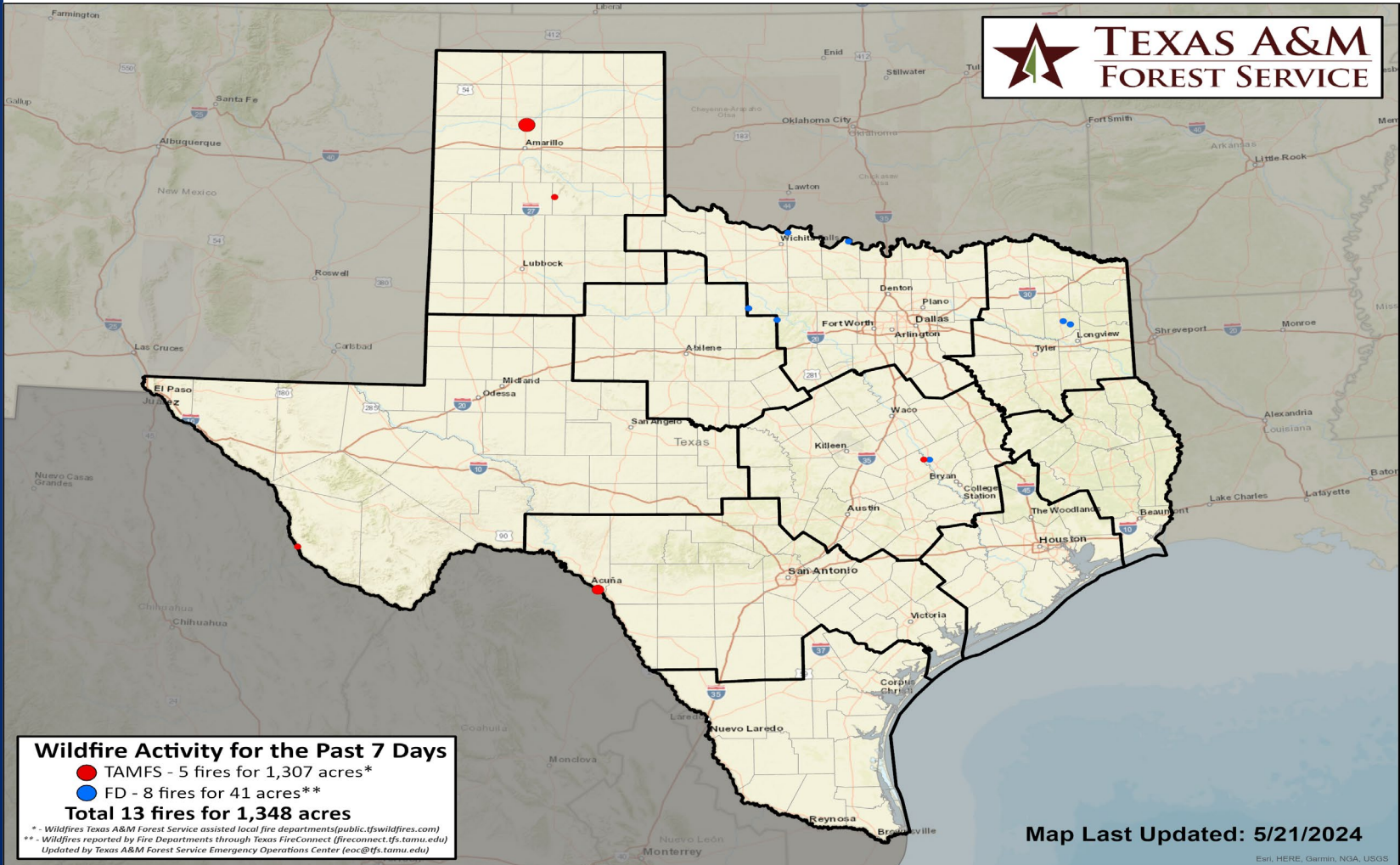
# Fire Weather Warnings/Watches/Statements

<b>DATE</b>	<b>WARNING TYPE</b>	<b>LOCATION</b>
05/22/24	Fire Danger Statement	Culberson and Jeff Davis Counties



# Fire Activity (\*Last 24 Hours)

Report of 182 (+2) fires and 1,248,596 (+31) acres have been burned this year. There are 66 (No Change) counties with burn bans. The Keetch-Byram Drought Index list contains 48 (+2) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
05/20/24	05/22/24	Intermediate Incident Command System for Expanding Incidents, ICS 300	G/ICS-300	Austin
05/20/24	05/22/24	HazMat Highway Specialist (Certification Course)	H-507	College Station
05/21/24	05/22/24	STAM - Staging Area Manager	STAM	Beaumont
05/21/24	05/23/24	Texas Disaster Accounting 101	T-600	Galveston
05/22/24	05/23/24	Air Monitoring and Sampling for Hazardous Materials (Certification Course)	H-510	League City
05/22/24	05/24/24	Intermediate Incident Command System for Expanding Incidents, ICS 300	G/ICS-300	Dallas
05/22/24	05/24/24	Intermediate Incident Command System for Expanding Incidents, ICS 300	G/ICS-300	Lubbock

# Exercises

DATES		LOCATION	EVENT
05/20/24	05/26/24	Fort Worth	Colonial Golf Tournament

## Statewide Significant Events

DATES		AGENCY/LOCATION	TYPE: EXERCISE NAME
05/22/24	05/22/24	National Weather Service-Brownsville/Mercedes	Mini Tabletop Exercises (TTX) Rapidly Intensifying Major Hurricane *Part of the 14th RGV Emergency Management Partners Hurricane Conference
05/23/24	05/23/24	Capital Area Council of Governments/Travis County	Full Scale Exercise: Regional Election Security FSX
05/23/24	05/23/24	North Central Texas Trauma Regional Advisory Council/NCTTRAC	Drill: Patient Tracking Exercise