

Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief



Tuesday, May 21st, 2024
As of 0900 CDT

Tropical Weather Awareness



Seven-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



www.hurricanes.gov

No Disturbances

Tropical cyclone activity is not expected during the next 7 days.

07:18 AM EDT
Tue May 21 2024

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

Current Disturbances and Seven-Day Cyclone Formation Chance: < 40% 40-60% > 60%
Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane
 Post-Tropical Cyclone or Remnants

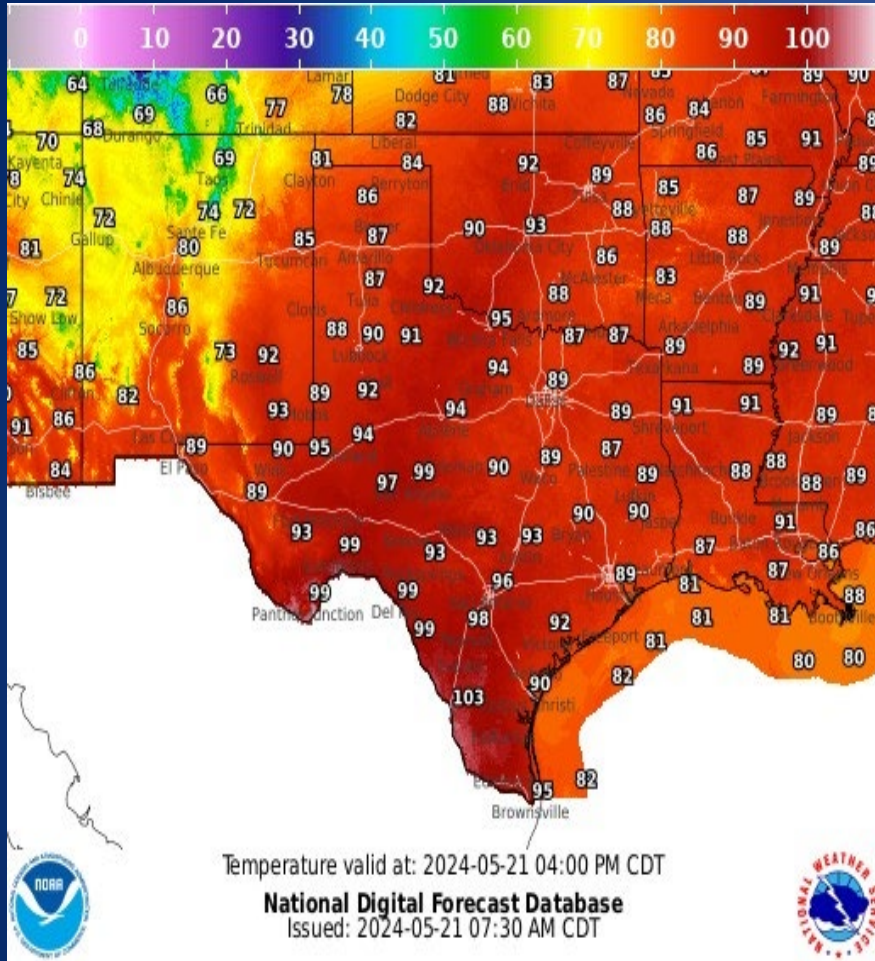
Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION
05/20/24	Initial Report of a Road Closure (FM 2221)	Hidalgo County
05/20/24	Final Report of a Road Closure (FM 2221)	Hidalgo County
05/20/24	Initial Report of a Road Closure (US 83)	Dimmit County
05/20/24	Initial Report of the Mackenzie Fire	Briscoe County

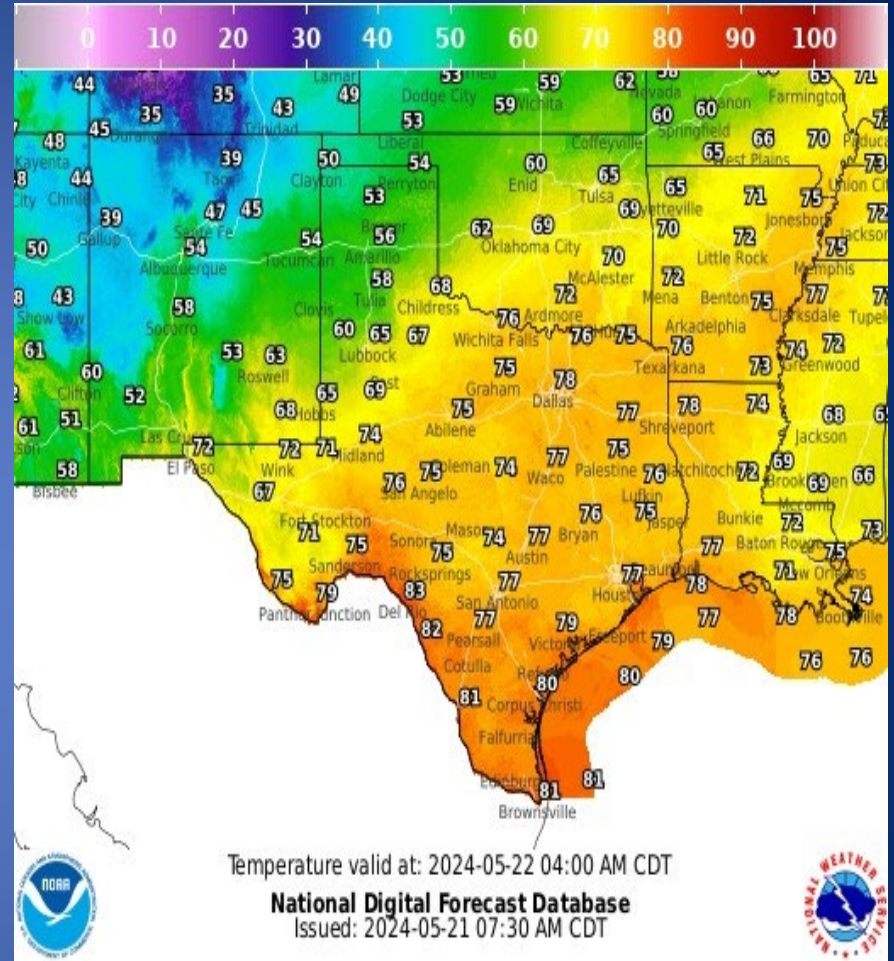
Informational Products Distributed by the State Operations Center

DATE	SUBJECT
05/20/24	NWS Fort Worth: Severe Weather Potential Tuesday Through Friday
05/20/24	NWS Houston/Galveston: New NWS Heat Risk Index Information - Stay Safe this Week
05/20/24	NWS Midland/Odessa: Weekly Weather Hazards Briefing May 20 - 26
05/20/24	NWS Houston/Galveston: Potential for dangerous heat through the rest of the week
05/21/24	NWS Shreveport, LA: Severe Thunderstorms Possible Across Portions of This Four State Region This Evening through Thursday Night
05/21/24	NWS Austin/San Antonio: Dangerous Heat Fri-Mon - Low Risk of Severe Storms Today-Wed
05/21/24	Daily NWS Threat Brief for FEMA Region 6

Weather Forecast

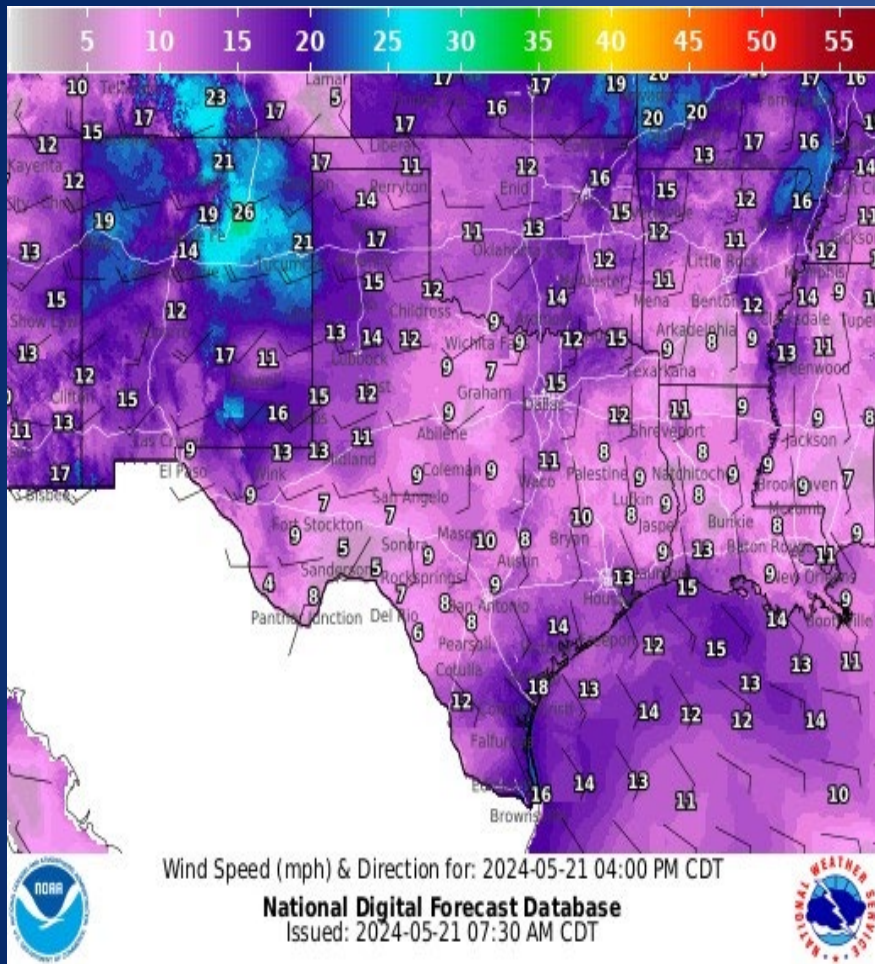


Highs

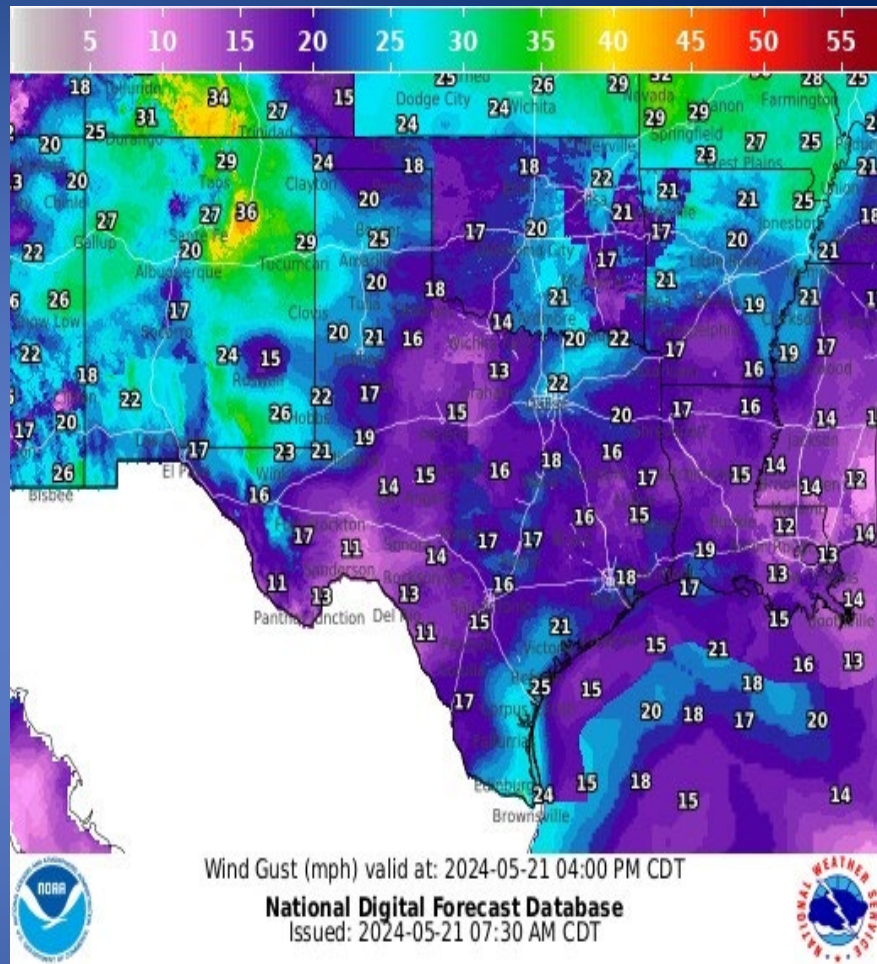


Lows

Weather Forecast

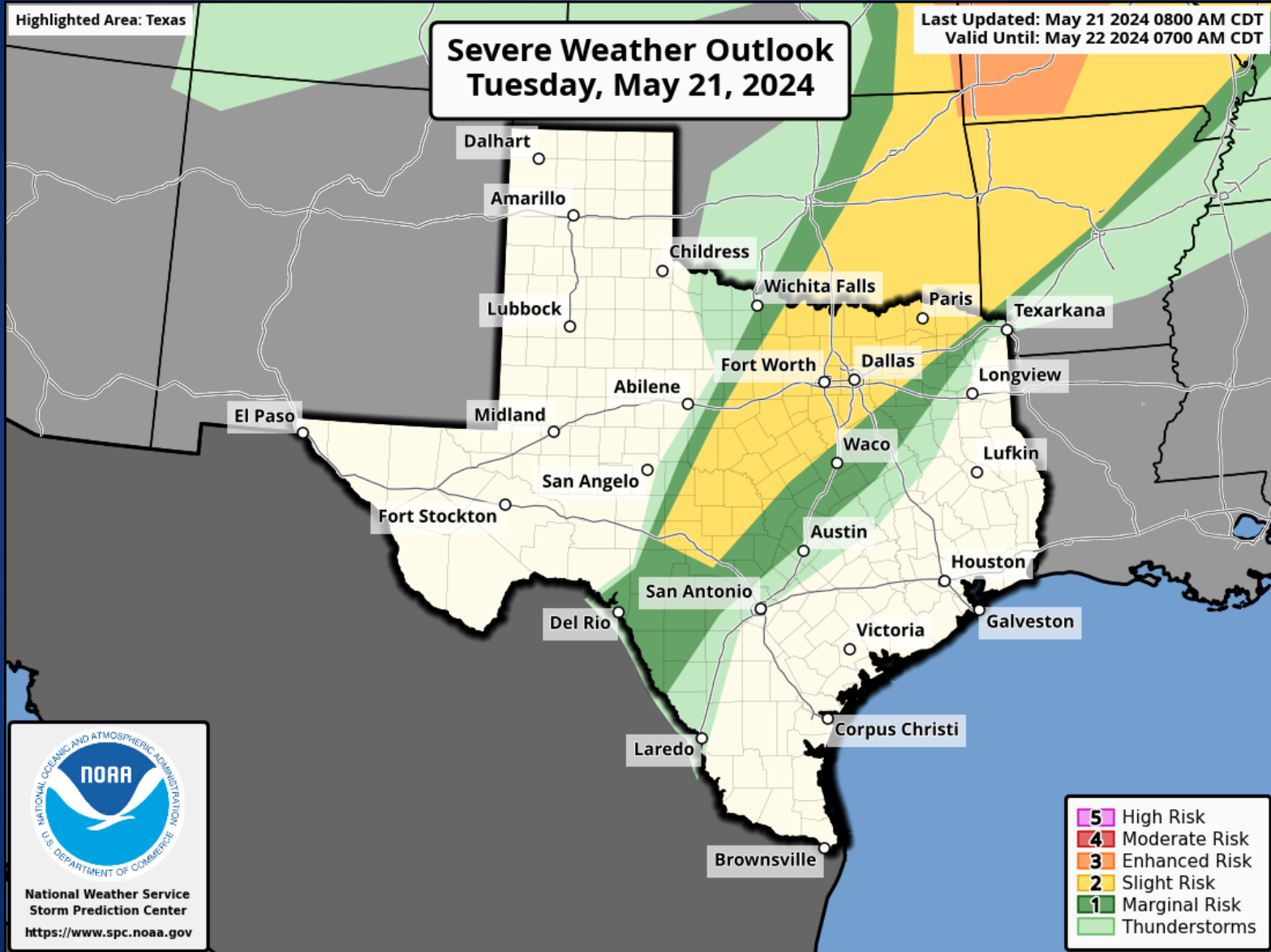


Wind Speeds



Gusts

Hazardous Weather



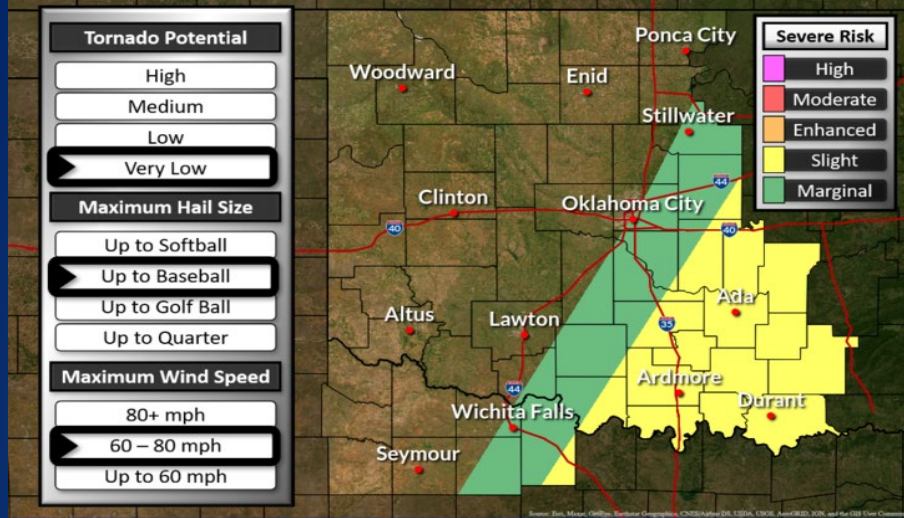
Hazardous Weather

Tuesday Severe Thunderstorm Potential

Timing: 2 PM - 11 PM

Weather Forecast Office
Norman, OK

Issued May 21, 2024 4:37 AM CDT



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

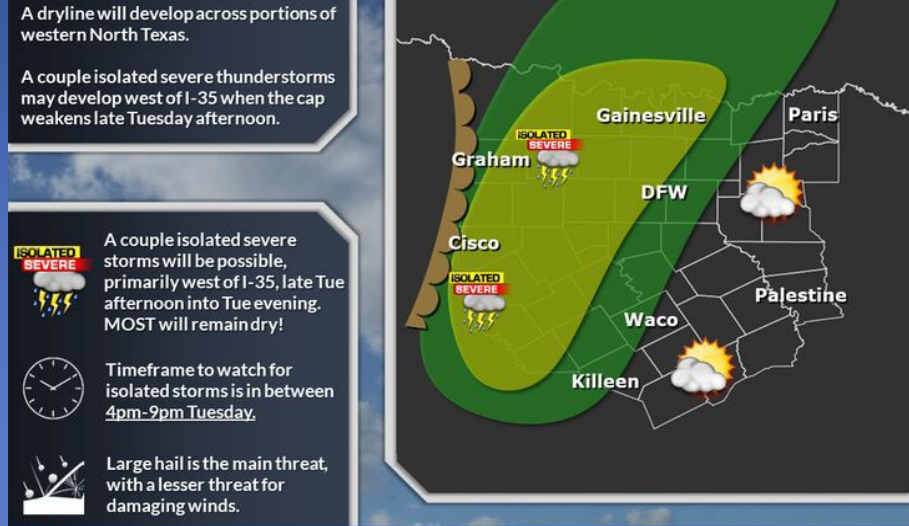
weather.gov/norman

Severe thunderstorms are possible from Tuesday afternoon through late evening. Very large hail and damaging winds are the concerns.

Isolated Storms Tuesday Afternoon-Evening

Weather Forecast Office
Fort Worth, TX

Issued May 21, 2024 2:25 AM CT



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

weather.gov/fortworth

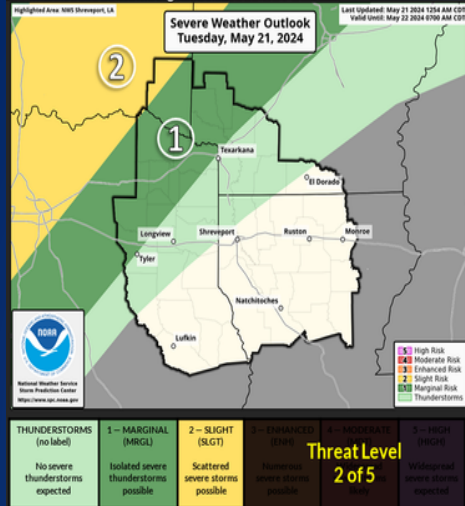
An isolated strong to severe thunderstorm will be possible late Tuesday afternoon into Tuesday evening, generally west of I-35. Although the probability of any storm developing is low, if a storm develops, it will be capable of producing large hail and damaging winds. The main window for thunderstorm development will be between 4-9pm.

Hazardous Weather

Severe Weather Risk – This Afternoon and Tonight

Weather Forecast Office
Shreveport, LA
Issued May 21, 2024 3:20 AM CDT

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



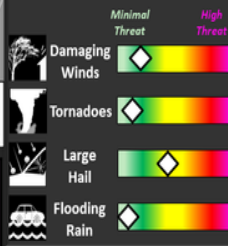
KEY MESSAGES

WHAT... Severe thunderstorms are possible late this afternoon and tonight. The primary threat is large hail. In the Slight Risk area in Southeast Oklahoma, there is a **15% chance of large hail**, and at least a **10% chance of hail being 2 inches in diameter or greater**.

WHERE... Southeast Oklahoma, Southwest Arkansas north of I-30, and much of Northeast Texas.

WHEN... Between 6pm and 1am.

THREATS



SAFETY

- Stay weather aware.
- Have multiple ways to receive warnings.
- Know where your safe place is in the event you need to take shelter.

Threat Level
2 of 5

NWSShreveport

weather.gov/shv

There will be a threat for severe thunderstorms this afternoon and evening across Southeast Oklahoma and portions of Southwest Arkansas and Northeast Texas. Large hail (including a chance for hail of 2 inches in diameter or larger) and damaging winds are the primary threats. However, a tornado cannot be ruled out.



Today's Severe Weather Outlook

May 21, 2024
4:01 AM

Potential Hazards:



Damaging Winds
(60+ mph)



Large to Very Large Hail
(larger than golf ball)

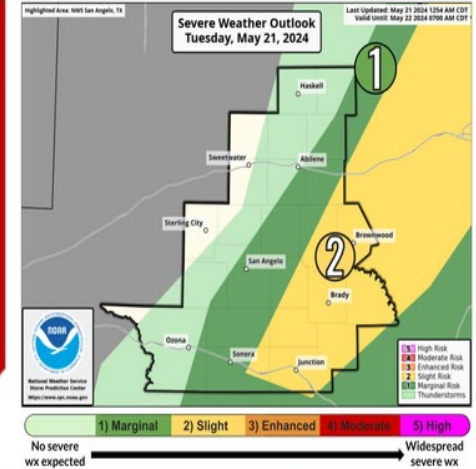
Timing:



Late this afternoon and evening
(between 4 PM and 10 PM)

What to Expect:

Isolated to widely scattered thunderstorms are possible late this afternoon and evening, mainly for the area east of a Putnam to Eden line. If storms can develop, there is a conditional risk of large to very large hail and damaging wind gusts, along with dangerous lightning.



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

National Weather Service
San Angelo, TX

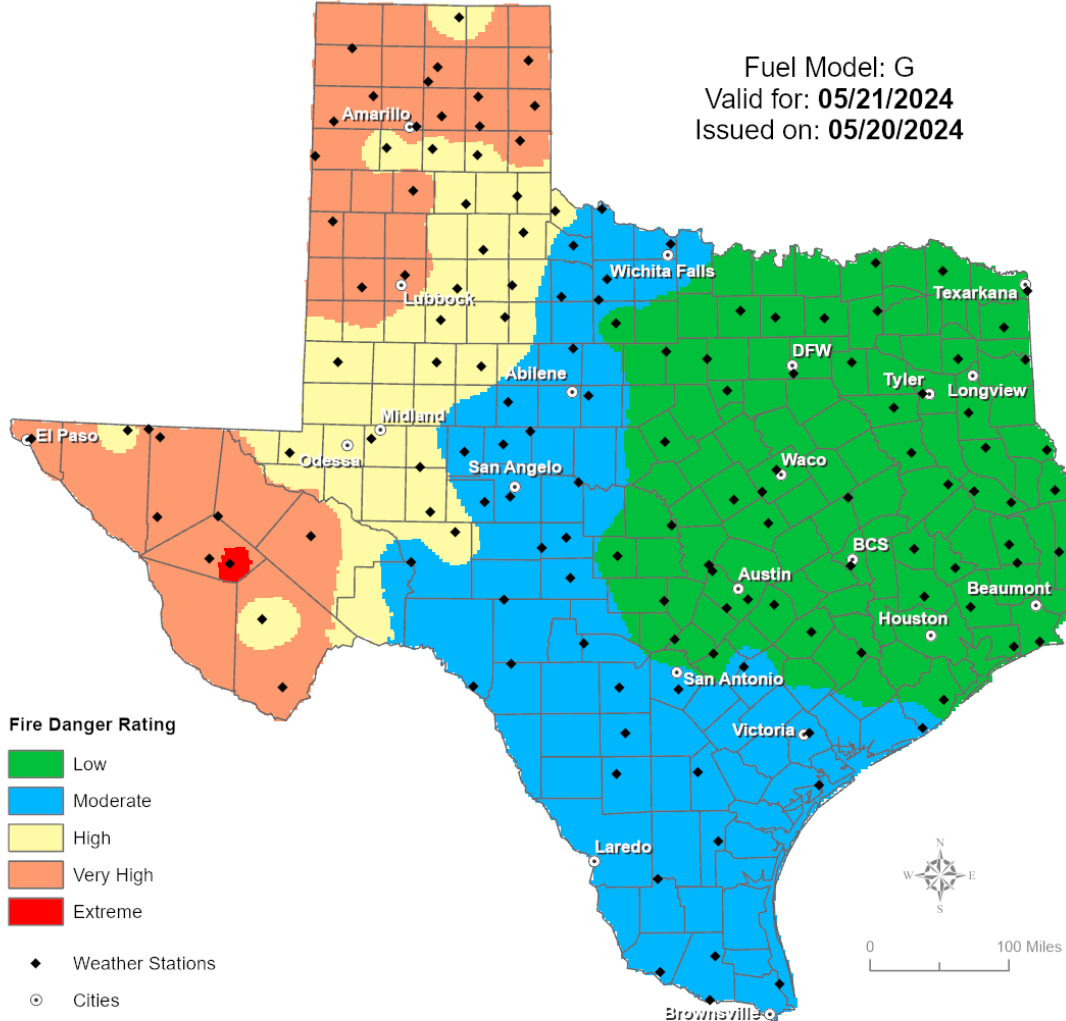
Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/20/24	Flood Warning	Brazoria, Brazos and Fort Bend Counties

Fire Danger Forecast

Forecast Fire Danger

Fuel Model: G
Valid for: **05/21/2024**
Issued on: **05/20/2024**



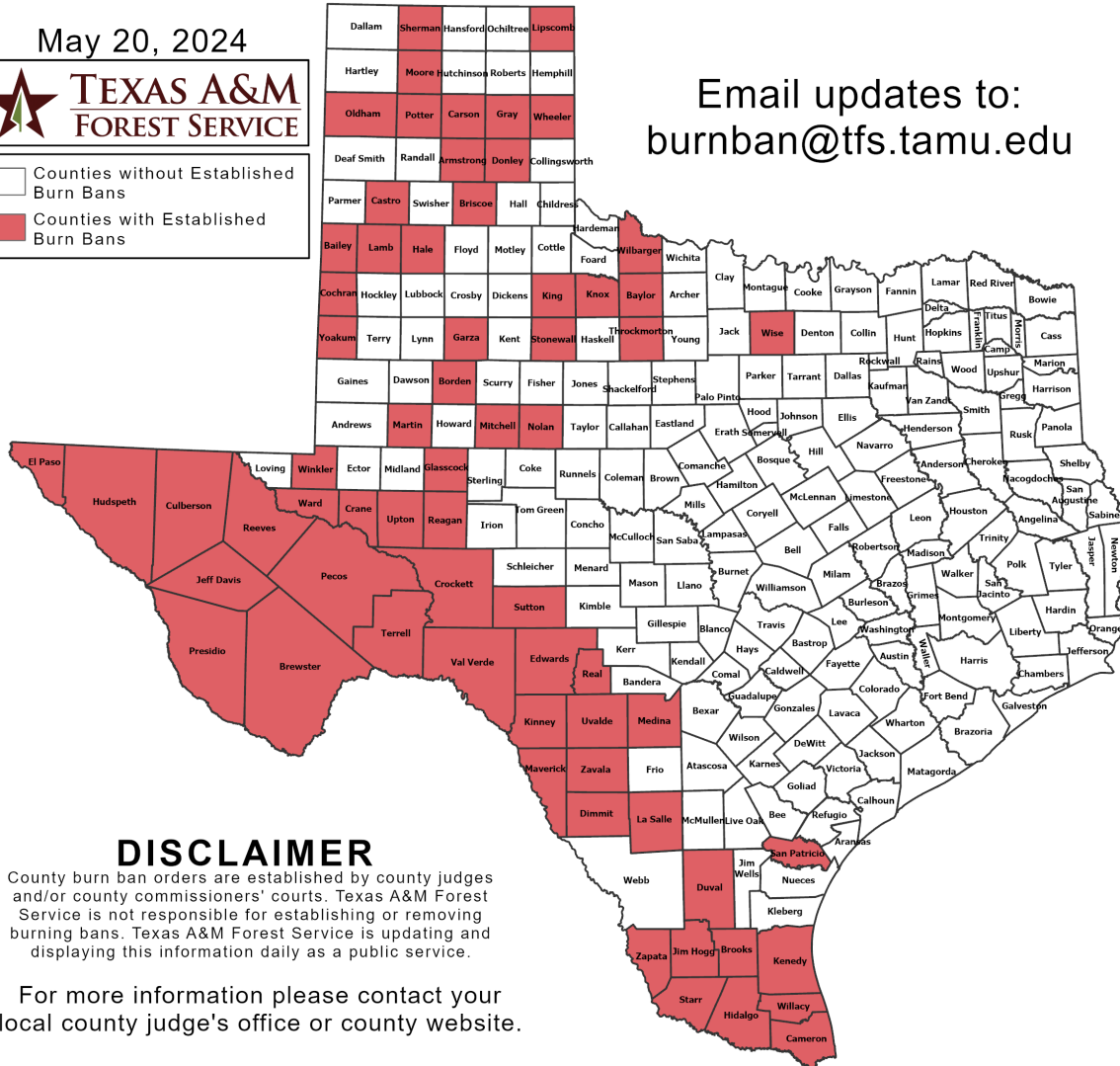
Burn Ban

OUTDOOR BURN BANS

May 20, 2024



Counties without Established Burn Bans
 Counties with Established Burn Bans



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 | 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.

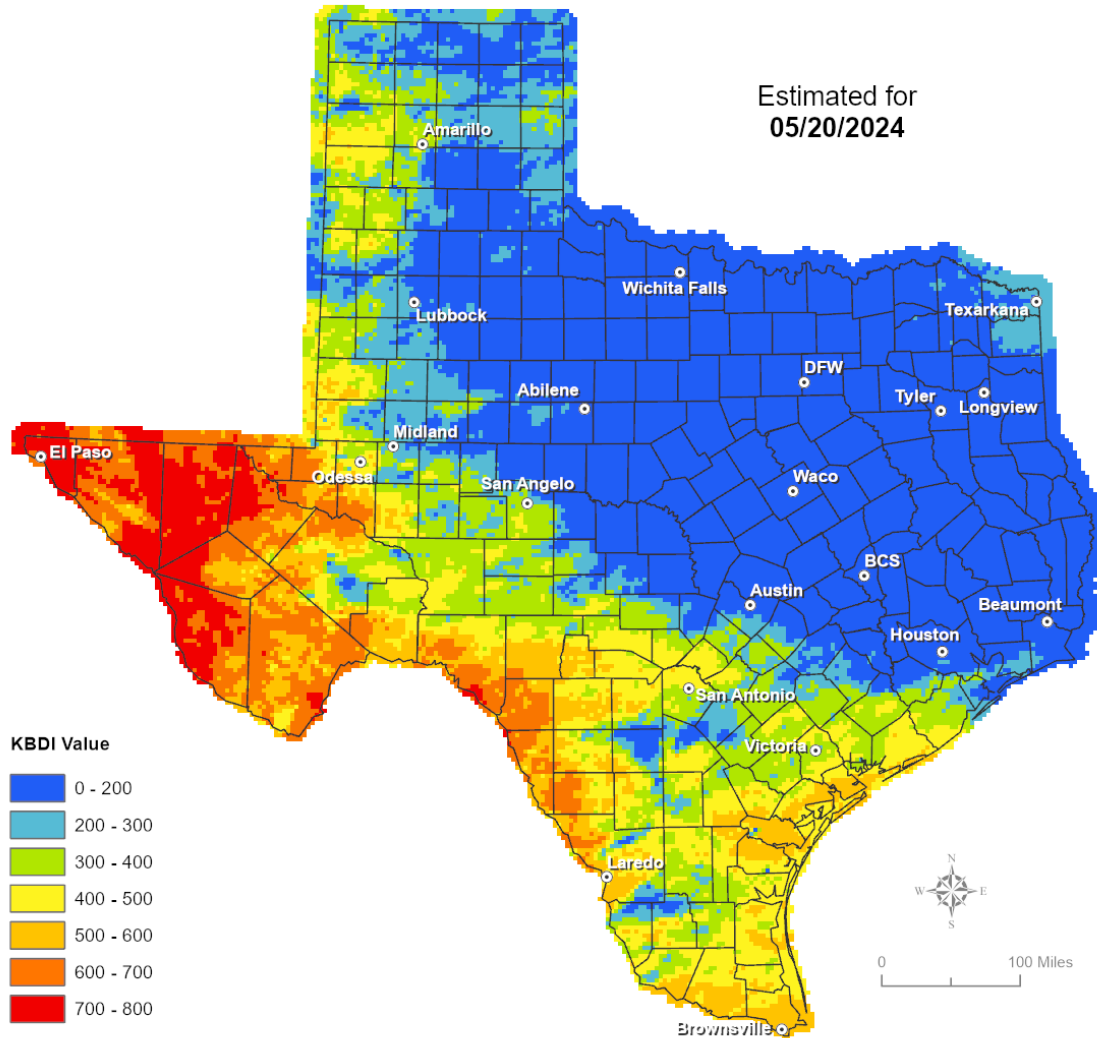
RED FLAG WARNINGS: www.weather.gov
Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

Keetch-Byram Drought Index

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
05/20/2024

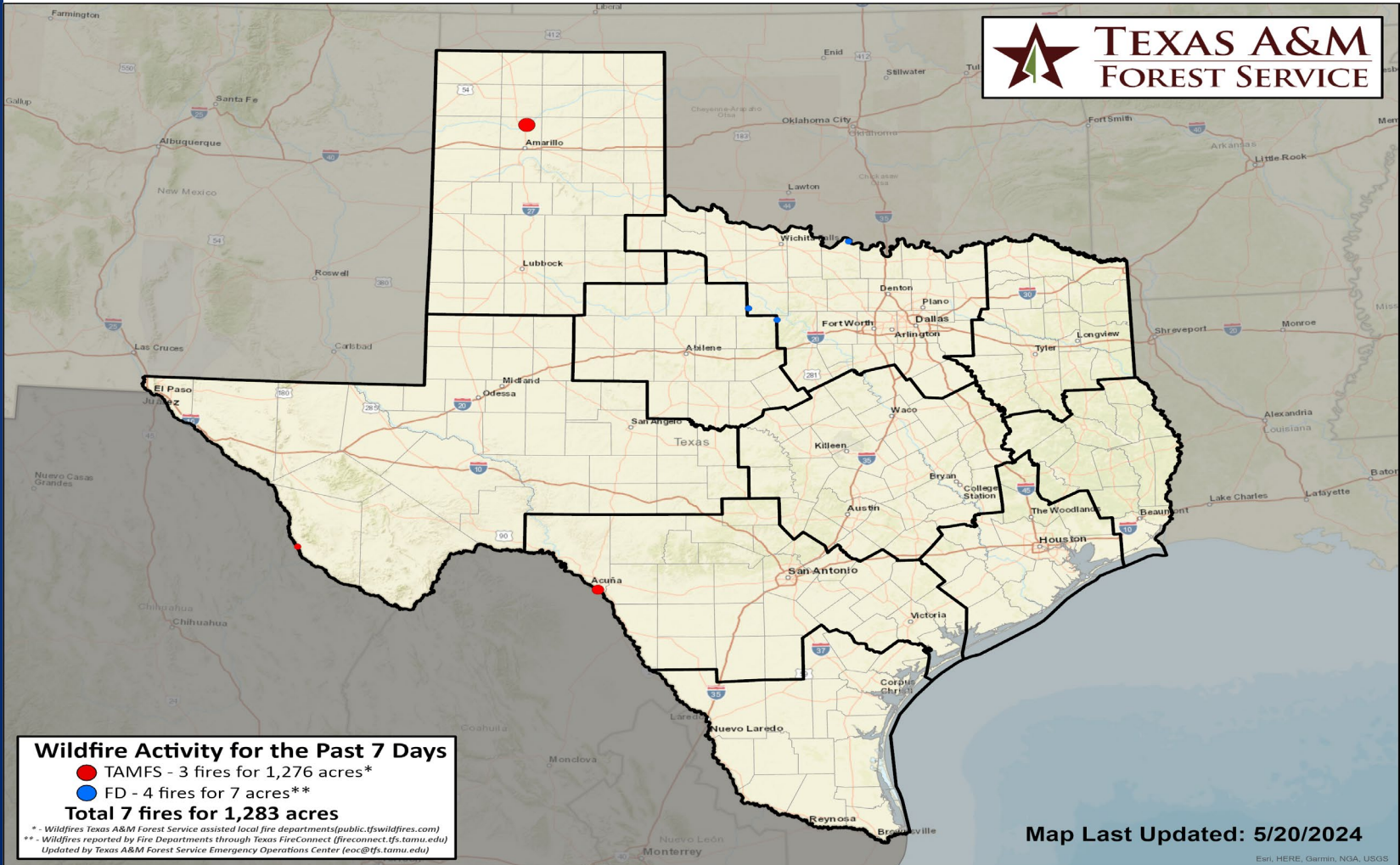


Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
05/20/24	Fire Danger Statement	Castro and Parmer Counties
05/21/24	Fire Danger Statement	Bailey, Castro, Lamb, and Parmer Counties

Fire Activity (*Last 24 Hours)

Report of 180 (No Change) fires and 1,248,565 (No Change) acres have been burned this year. There are 66 (No Change) counties with burn bans. The Keetch-Byram Drought Index list contains 46 (+3) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
05/20/24	05/21/24	HazMat Incident Command (Certification Course)	H-502	Killeen
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

Statewide Significant Events

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

Exercises

DATES		AGENCY/LOCATION	TYPE: EXERCISE NAME
05/21/24	05/21/24	LCRA Transmission Services/Austin	LCRA Transmission Services Summer and Hurricane preparedness Drill
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