

# Texas Division of Emergency Management Texas State Operations Center



## Situation Awareness Brief



Sunday, August 18th, 2024  
As of 0900 CDT

# Tropical Weather Awareness



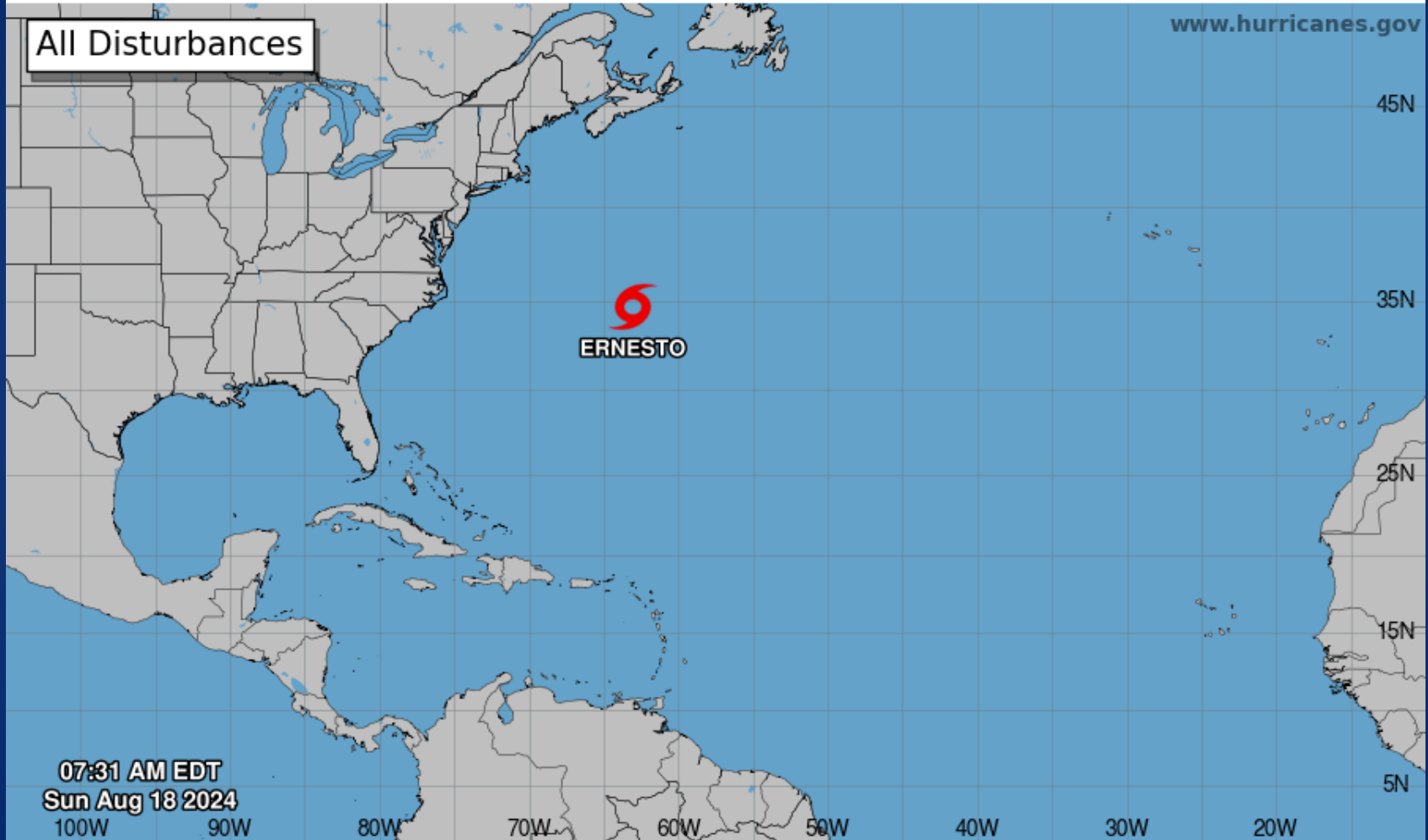
## Seven-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



[www.hurricanes.gov](http://www.hurricanes.gov)

All Disturbances



07:31 AM EDT  
Sun Aug 18 2024

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

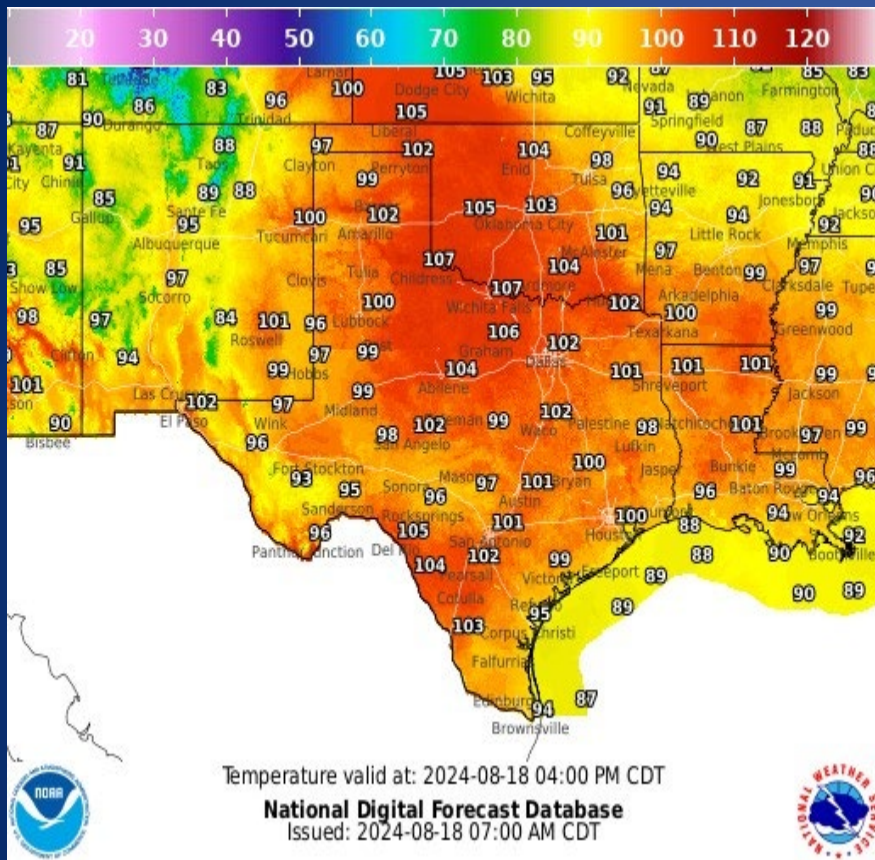
# Incidents Reported to the State Operations Center (last 24 hours)

<b>DATE</b>	<b>SUBJECT</b>	<b>LOCATION</b>
08/17/24	Update Report #3 of the Red Creek Fire	Haskell County
08/17/24	Update Report #4 of the Red Creek Fire	Haskell County
08/17/24	Final Report of the River Pasture Fire	Motley County
08/17/24	Final Report of the Northwood Fire	Montague County
08/17/24	Update Report #4 of the Dirt Road Fire	King County
08/17/24	Update Report #5 of the Dirt Road Fire	King County
08/17/24	Update Report #5 of the Red Creek Fire	Haskell County
08/17/24	Initial Report of the Motley 2221 Fire	Motley County
08/17/24	Final Report of the Red Creek Fire	Haskell County
08/17/24	Update Report of the Cow Hollar Fire (Motley 2221)	Motley County
08/17/24	Update Report #6 of the Dirt Road Fire	King County
08/17/24	Initial Report of the Rock Creek Fire	Briscoe County
08/18/24	Initial Report of Road Closure on US 281	Live Oak County

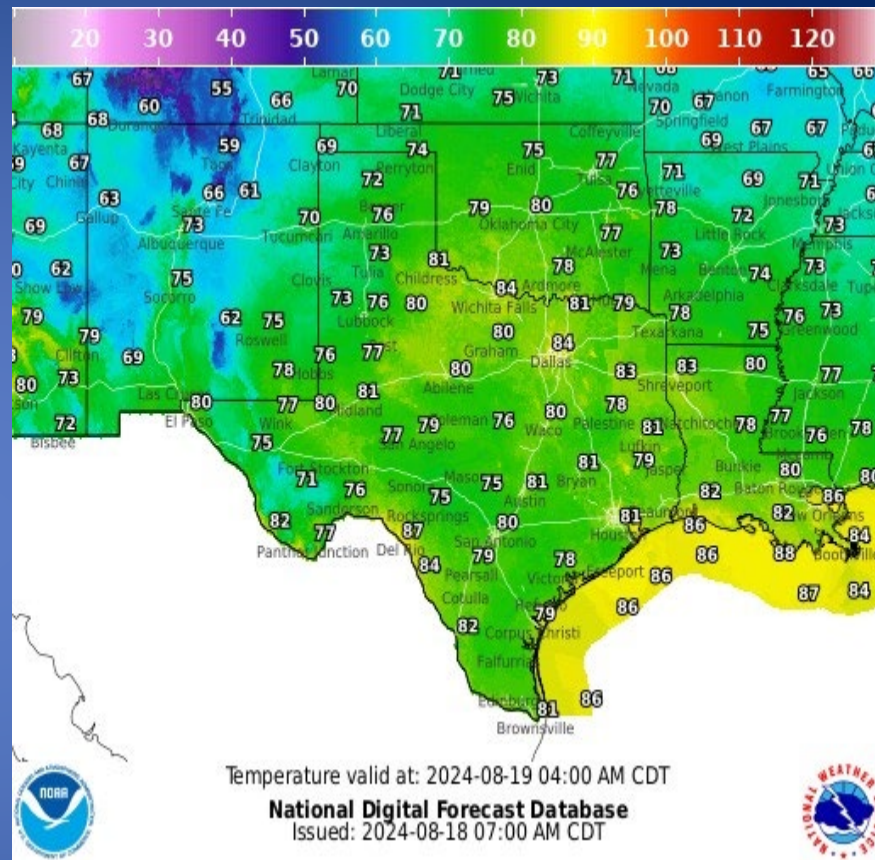
# Informational Products Distributed by the State Operations Center

<b>DATE</b>	<b>SUBJECT</b>
08/18/24	NWS Austin/San Antonio: Heat Advisory in Effect Until 8 PM
08/18/24	NWS Shreveport, LA: Heat Headlines Continue Across the Region Today
08/18/24	NWS Lake Charles, LA: Dangerous Heat
08/18/24	NWS Corpus Christi: Prolonged Heat This Week Heat Advisory Today
08/18/24	Daily NWS Threat Brief for FEMA Region 6

# Weather Forecast

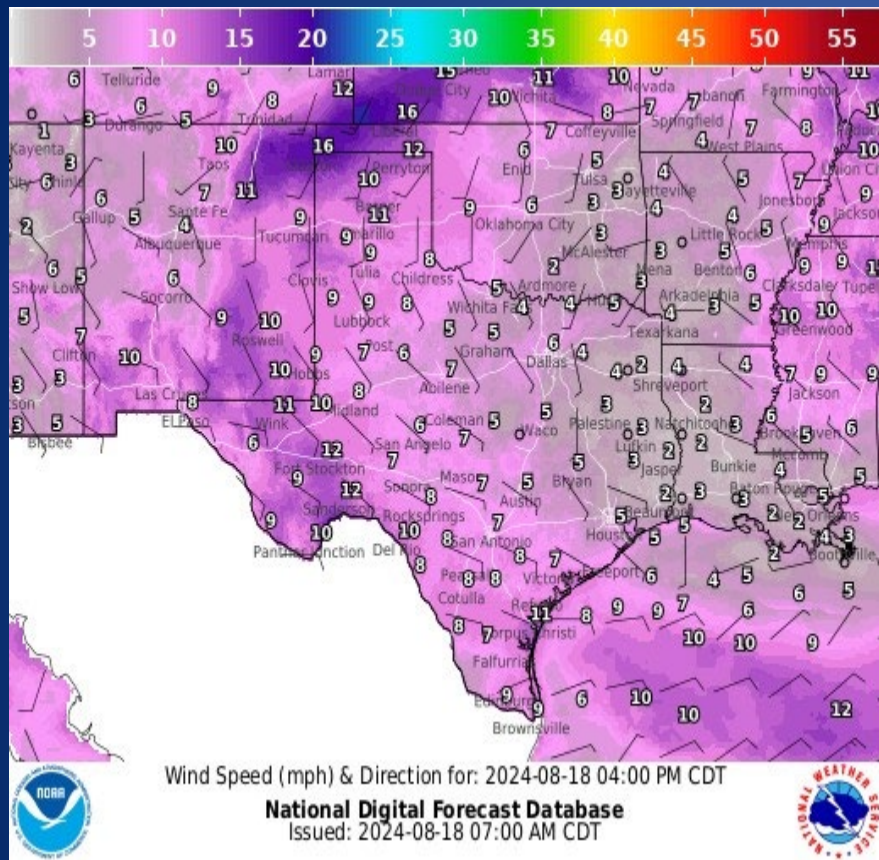


## Highs

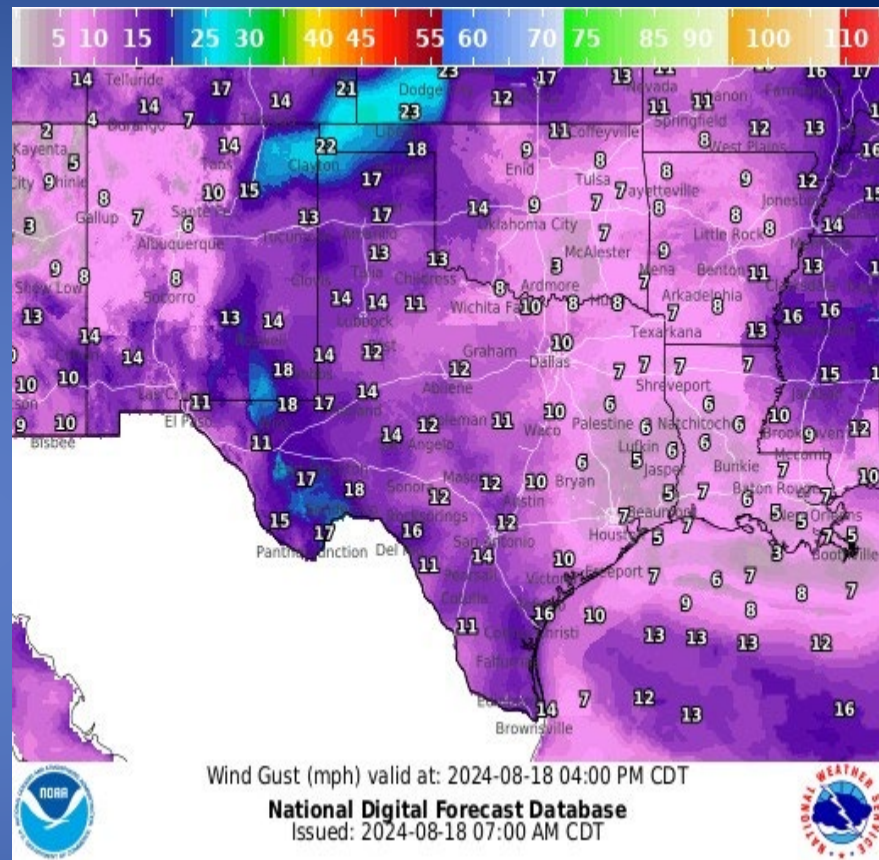


## Lows

# Weather Forecast



## Wind Speeds



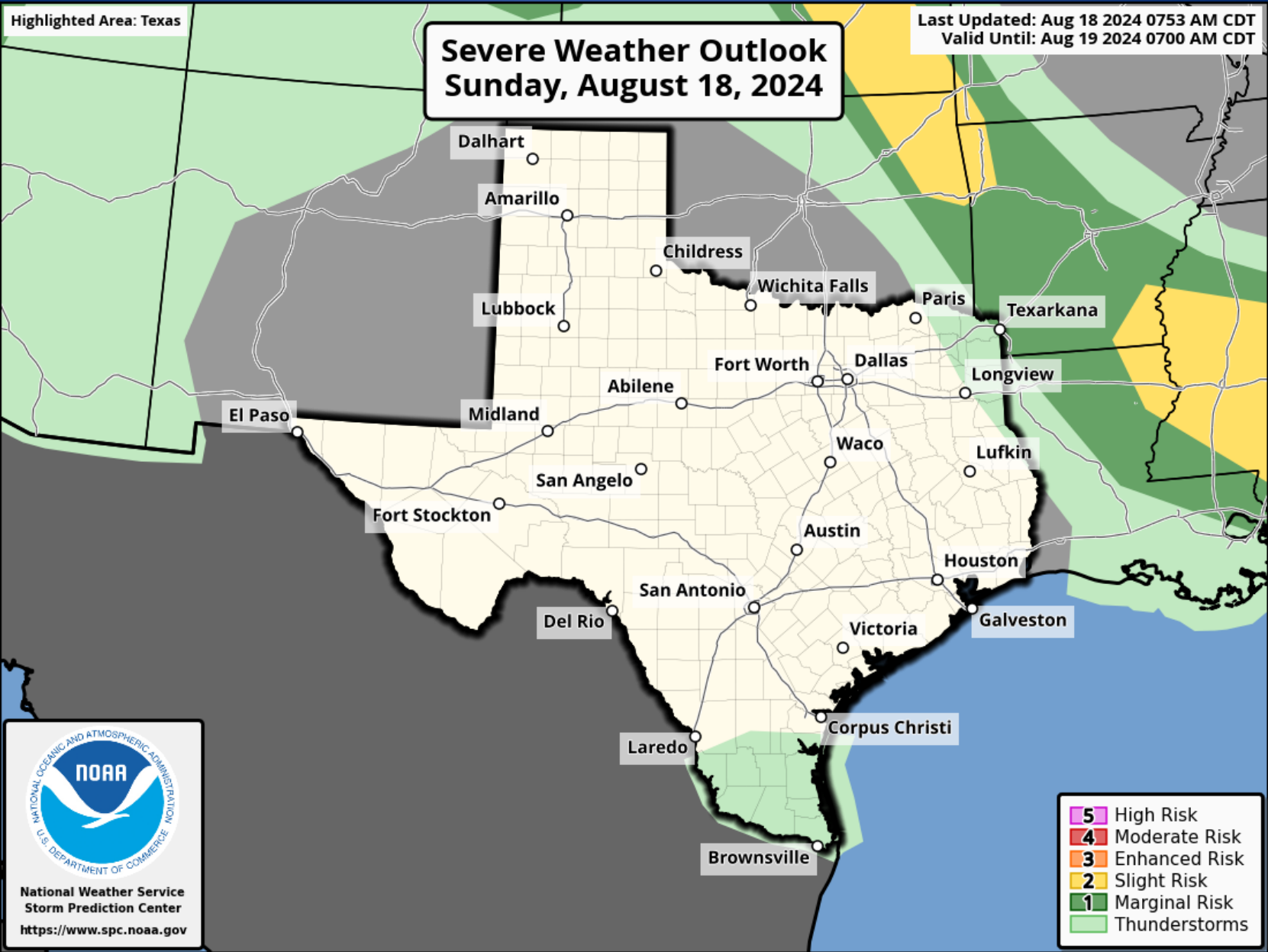
## Gusts

# Hazardous Weather

Highlighted Area: Texas

Last Updated: Aug 18 2024 0753 AM CDT  
Valid Until: Aug 19 2024 0700 AM CDT

## Severe Weather Outlook Sunday, August 18, 2024



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



NATIONAL WEATHER SERVICE  
Storm Prediction Center  
<https://www.spc.noaa.gov>

# Hazardous Weather

## Heat Advisory Today

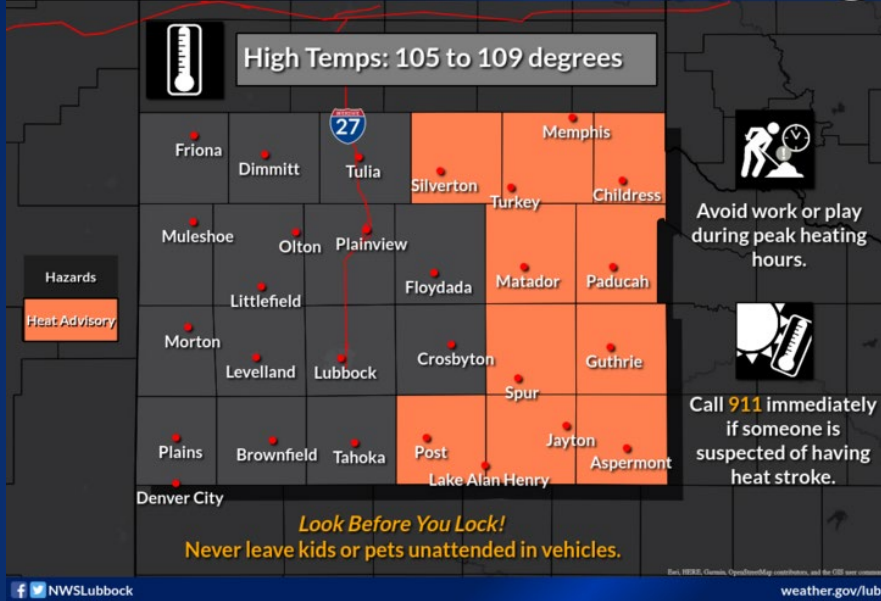
In effect from Noon to 8 PM CDT

Weather Forecast Office

Lubbock, TX



Issued Aug 18, 2024 4:05 AM CDT



## Fire Weather Outlook

Weather Forecast Office

Norman, OK



Issued Aug 18, 2024 2:33 AM CDT

Oklahoma, north Texas area - next 7 days

	Sun 18	Mon 19	Tue 20	Wed 21	Thu 22	Fri 23	Sat 24
Red Flag	None	None	None	None	None	None	None
	Elevated	Low	Low	Low	Low	Low	Low
Main area(s)	Western OK & western north TX						
High Temperatures (°F)	101-109	91-109	87-104	89-105	89-105	92-104	92-103
Minimum RH (%)	16-42	17-51	21-59	22-49	22-44	24-44	24-43
Avg. Winds (mph)	SW→S	→E	E	SE	SE	S	S
Max. Gusts (mph)	17	21	20	21	26	26	26

NOTE: These categories represent the worst conditions expected each day.

@NWSNorman

weather.gov/norman

**A Heat Advisory is in effect issued for areas along and east of the Caprock Escarpment from noon to 8 PM CDT today with high temperatures of 105 to 109 degrees expected.**



# Hazardous Weather

## Dangerous Heat Continues

Heat Safety Website: [www.weather.gov/safety/heat](http://www.weather.gov/safety/heat)

Weather Forecast Office  
Fort Worth, TX  
Issued August 18, 2024 5:17 AM CT



**Heat Advisory**  
Forecast:  
Heat Indices up to 108°  
High Temps up to 104°

**Excessive Heat Warning**  
Forecast:  
Heat Indices up to 111°  
High Temps up to 107°

**Excessive Heat Warning**  
Now through 9PM Monday

**Avoid heat related illnesses by taking the proper precautions:**

**NEVER LEAVE KIDS OR PETS UNATTENDED IN VEHICLES!**

**DRINK PLENTY OF WATER, EVEN IF NOT THIRSTY**

**SPEND SOME TIME IN AIR CONDITIONING**

**TAKE FREQUENT REST BREAKS IN SHADE OR AIR CONDITIONING**

**WEAR LIGHTWEIGHT, LIGHT-COLORED, LOOSE CLOTHING**

NWSFortWorth
[weather.gov/fortworth](http://weather.gov/fortworth)

## Heat Hazards in Effect on Sunday

Valid through Sun 8:00 PM CDT

Weather Forecast Office  
Shreveport, LA  
Issued Aug 17, 2024 11:00 PM CDT



**Heat Advisory:** Heat indices in excess of 105 degrees are possible.

**Excessive Heat Warning:** Dangerously hot conditions are expected, with heat indices in excess of 110 degrees possible.

**Safety Precautions:**

Heat exhaustion and heat stroke are likely with prolonged exposure to these conditions.

Drink plenty of fluids, stay in air-conditioned spaces, and check up on relatives or those vulnerable to the heat. Bring pets inside or give them a shady place to rest with plenty of water.


*Know the signs and symptoms of heat exhaustion and heat*

NWSShreveport
[weather.gov/shv](http://weather.gov/shv)

An Excessive Heat Warning is in effect until Monday evening for portions of North Texas. Heat index values in the warned (pink) area are expected to exceed 110 degrees this weekend. A Heat Advisory remains in effect for the remainder of the area through Monday evening. Ensure you're practicing heat safety by drinking plenty of water, taking frequent breaks indoors in the A/C, and wearing light-colored, lightweight clothing.

An Excessive Heat Warning remains in effect for much of the Four State Region through 8 PM Sunday, as heat indices climb to in excess of 110 degrees. Elsewhere, a Heat Advisory is in effect for Deep East Texas through 8 PM Sunday as heat indices may exceed 105 degrees.


# Hazardous Weather



## Dangerous Heat Today

August 18, 2024  
5:52 AM

Weather Forecast Office  
Brownsville/RGV, TX  
Issued Aug 18, 2024 4:00 AM CDT



**Excessive Heat Warning and Heat Advisory from 10 am to 8 pm CDT Sunday**


**Key Message**

Dangerous heat expected. For the Excessive Heat Warning, Heat Index values of 113° or greater. For the Heat Advisory, Heat Index values between 108° and 112°


**Hazards**

- Heat exhaustion
- Heat stroke
- Dehydration


**Actions**



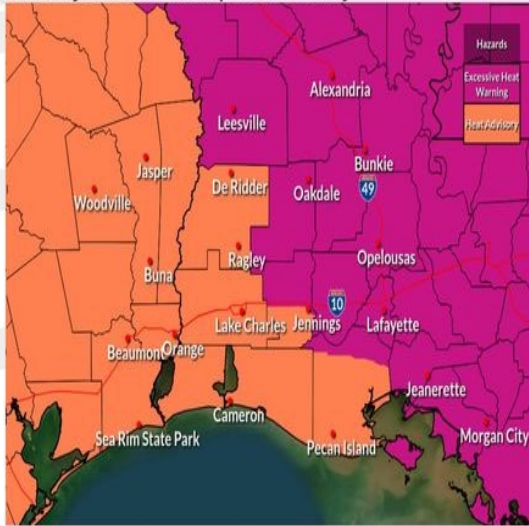
Drink plenty of water and/or beverages with electrolytes



Avoid strenuous activity and prolonged time outside



Heat illness possible



**Hazards**

Excessive Heat Warning


Heat Advisory

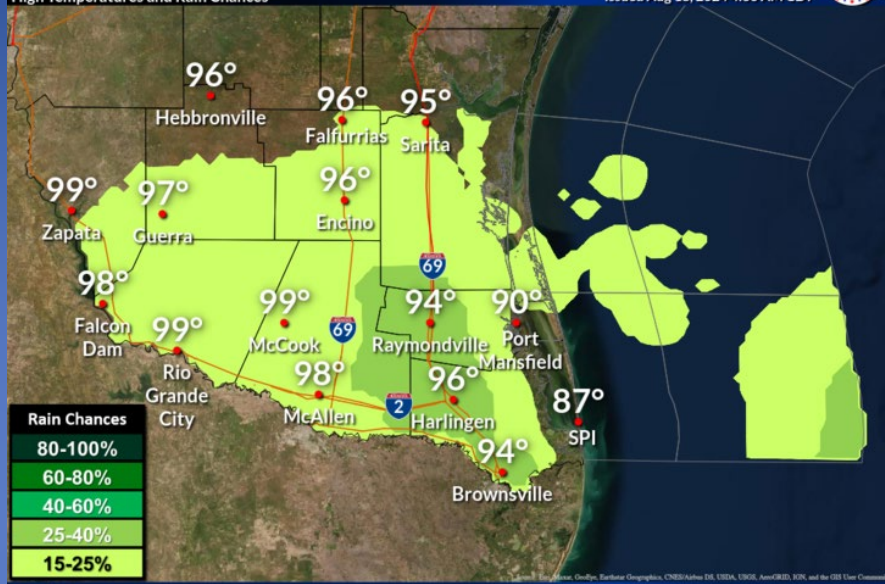
National Weather Service  
Lake Charles, LA

## Today

High Temperatures and Rain Chances

Weather Forecast Office  
Brownsville/RGV, TX  
Issued Aug 18, 2024 4:00 AM CDT





**Rain Chances**

80-100%

60-80%

40-60%

25-40%

15-25%

@NWSBrownsville

weather.gov/bro

**Excessive Heat Warning Sunday (shaded in purple) from 11 am to 8 pm for portions of central Louisiana and northern Acadiana for max apparent temperatures or heat index at or above 113 degrees. A Heat Advisory Sunday (shaded in orange) from 11 am to 8 pm for the remainder of the forecast area.**

**High temperatures and rain chances for today.**

# Hazardous Weather

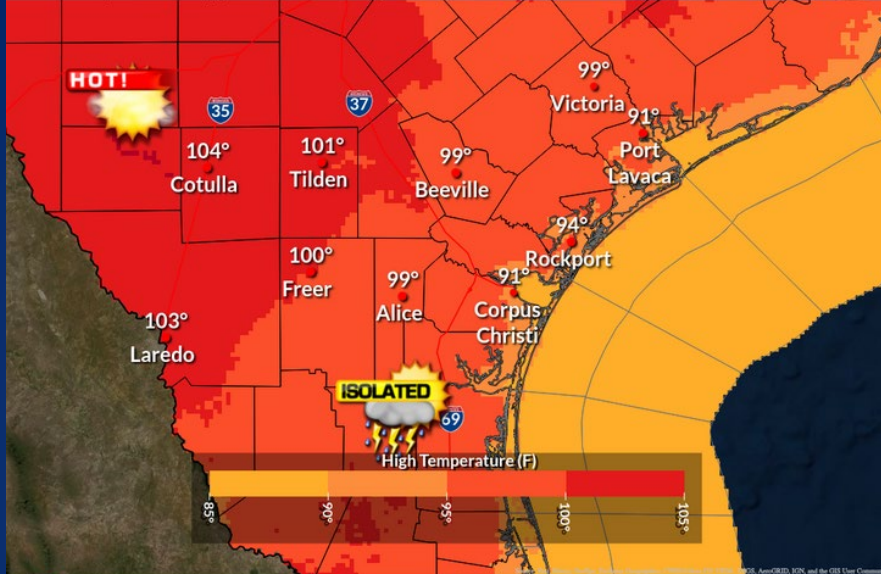
## Mostly Sunny and Hot Today

Heat Advisory in Effect Today | Heat Indices > 110 Degrees

Weather Forecast Office

Corpus Christi, TX

Issued Aug 18, 2024 3:55 AM CDT



NWSCorpus

Hot conditions will continue today with yet another Heat Advisory and poor overnight recoveries, therefore, a moderate to major risk of heat-related illnesses will continue today. A Heat Advisory is in effect for much of the region generally east of I-35 including the northern Brush Country, Coastal Bend and Victoria Crossroads with heat index values up to 112 this afternoon. Remember to remain hydrated and to look before you lock.

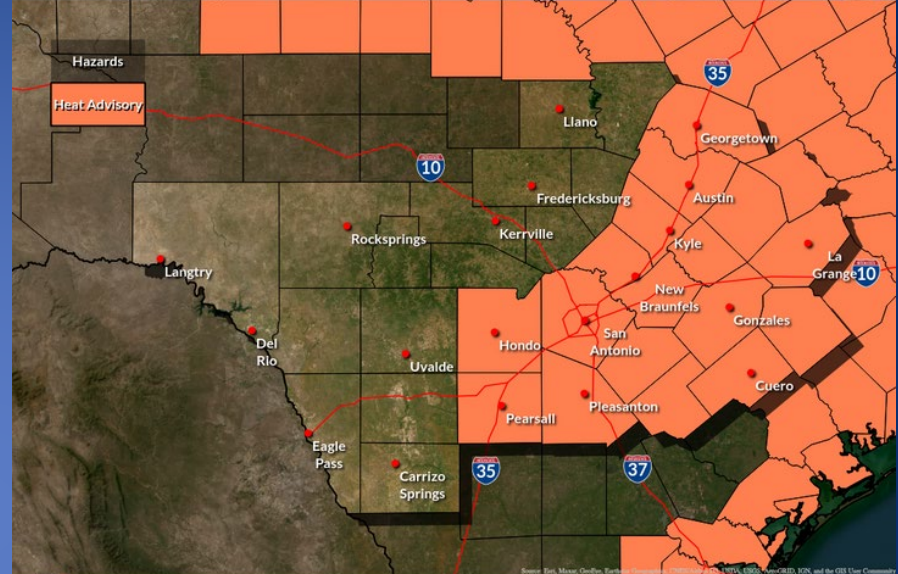
## Heat Advisory

For Counties Shaded in Orange

Weather Forecast Office

Austin/San Antonio, TX

Issued Aug 18, 2024 2:51 AM CDT



NWSSanAntonio

weather.gov/ewx

A Heat Advisory is in effect for areas along and east of most of the Interstate 35 corridor into the Coastal Plains. Heat index values in this area will be around 108-112 degrees this afternoon.

# Hazardous Weather

## Heat Advisory Today

### What to Expect

- Temperatures of 105 to 109 Today across the Big Country, Concho Valley and Heartland
- This will lead to an increased risk of heat-related illnesses.



**Hydrate**  
*drink before you are thirsty*



**Avoid Outdoor Activities**  
*between 10am and 8pm*

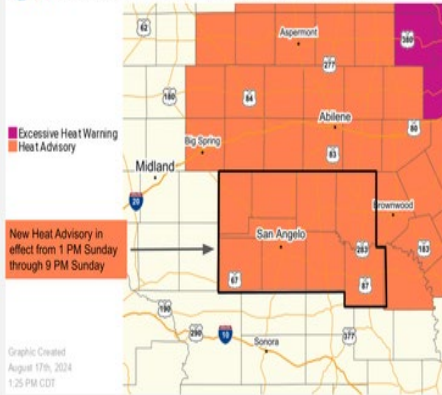


**Wear Light Clothing**  
*lightweight and light colored*



**Stay in Air Conditioning**  
*especially during the day*

### Current Watches, Warnings, and Advisories



Graphic Created  
August 17th, 2024  
1:25 PM CDT



National Weather Service ·  
San Angelo  
weather.gov/SJT

August 18, 2024  
2:44 AM



## Heat Advisory Today

August 18, 2024

4:33 AM



Afternoon and  
early evening



Northeast  
Permian Basin

**HIGH**  
**Temperatures**

**105-108°F**



**PLAN** >>>

**PREPARE** >>>

**ACT**



Take frequent rest  
breaks in the shade or  
air conditioning



NEVER leave children or  
pets in a hot car - LOOK  
BEFORE YOU LOCK!



Wear lightweight,  
loose fitting, light  
colored clothing



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

National Weather Service  
Midland/Odessa, TX

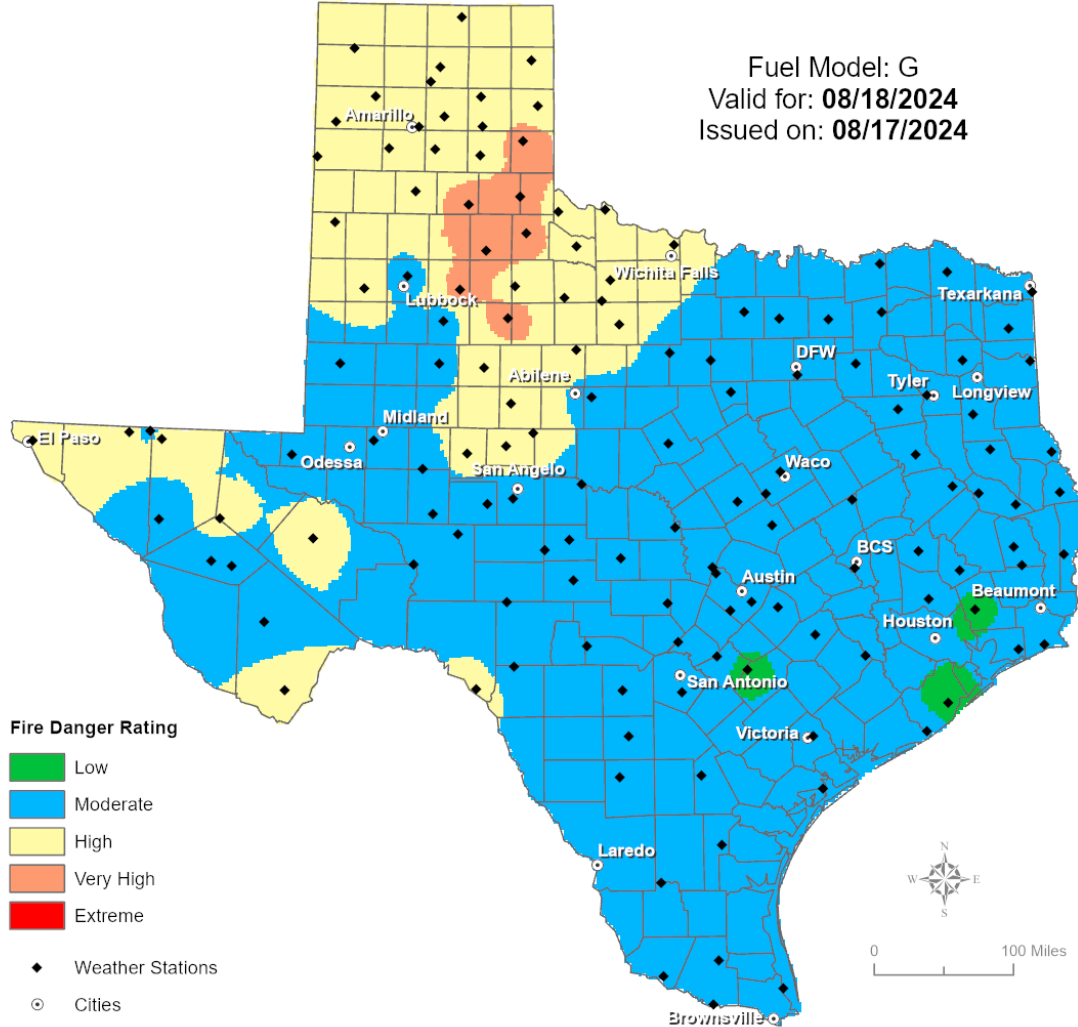
**A Heat Advisory is in effect again today across the northeast Permian Basin.**

# Weather Warnings/Advisories Issued

<b>DATE</b>	<b>WARNING TYPE</b>	<b>LOCATION</b>
08/17/24	Excessive Heat Warning	Angelina, Bowie, Camp, Cass, Cherokee, Franklin, Gregg, Harrison, Marion, Morris, Nacogdoches, Panola, Red River, Rusk, Sabine, San Augustine, Shelby, Smith, Titus, Upshur and Wood Counties

# Fire Danger Forecast

## Forecast Fire Danger



# Burn Ban

## OUTDOOR BURN BANS

August 16, 2024

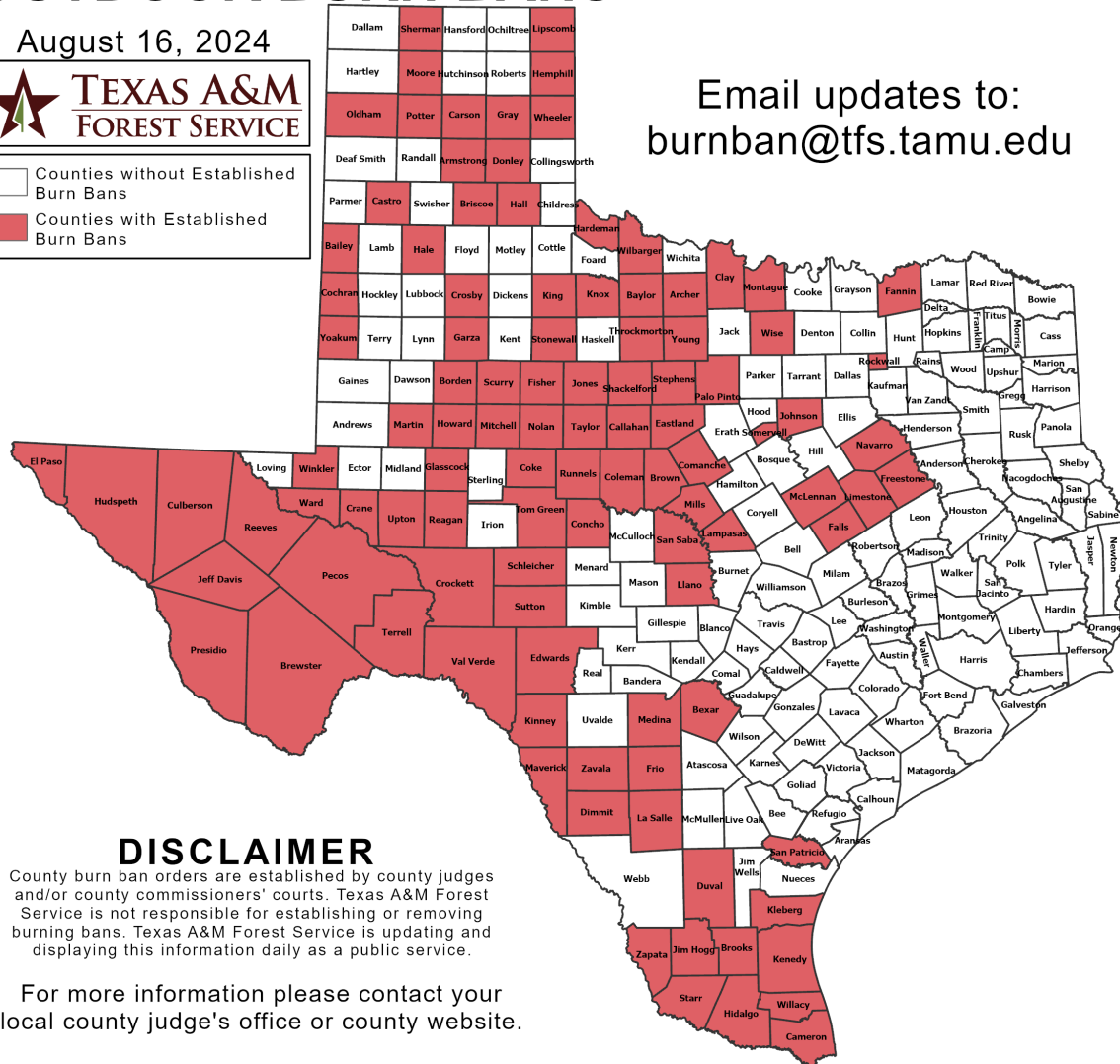


Counties without Established Burn Bans  
 Counties with Established Burn Bans

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

### Counties with Burn Bans: 105

- Archer
- Armstrong
- Bailey
- Baylor
- Bexar
- Borden
- Brewster
- Briscoe
- Brooks
- Brown
- Callahan
- Cameron
- Carson
- Castro
- Clay
- Cochran
- Coke
- Coleman
- Comanche
- Concho
- Crane
- Crockett
- Crosby
- Culberson
- Dimmit
- Donley
- Duval
- Eastland
- Edwards
- El Paso
- Falls
- Fannin
- Fisher
- Freestone
- Frio
- Garza
- Glasscock
- Gray
- Hale
- Hall
- Hardeman
- Hemphill
- Hidalgo
- Howard
- Hudspeth
- Jeff Davis
- Jim Hogg
- Johnson
- Jones
- Kenedy
- King
- Kinney
- Kleberg
- Knox
- Lampasas
- La Salle
- Limestone
- Lipscomb
- Llano
- McLennan
- Martin
- Maverick
- Medina
- Mills
- Mitchell
- Montague
- Moore
- Navarro
- Nolan
- Oldham
- Palo Pinto
- Pecos
- Potter
- Presidio
- Reagan
- Reeves
- Rockwall
- Runnels
- San Patricio
- San Saba
- Schleicher
- Scurry
- Shackelford
- Sherman
- Somervell
- Starr
- Stephens
- Stonewall
- Sutton
- Taylor
- Terrell
- Throckmorton
- Tom Green
- Upton
- Val Verde
- Ward
- Wheeler
- Wilbarger
- Willacy
- Winkler
- Wise
- Yoakum
- Young
- Zapata
- 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.

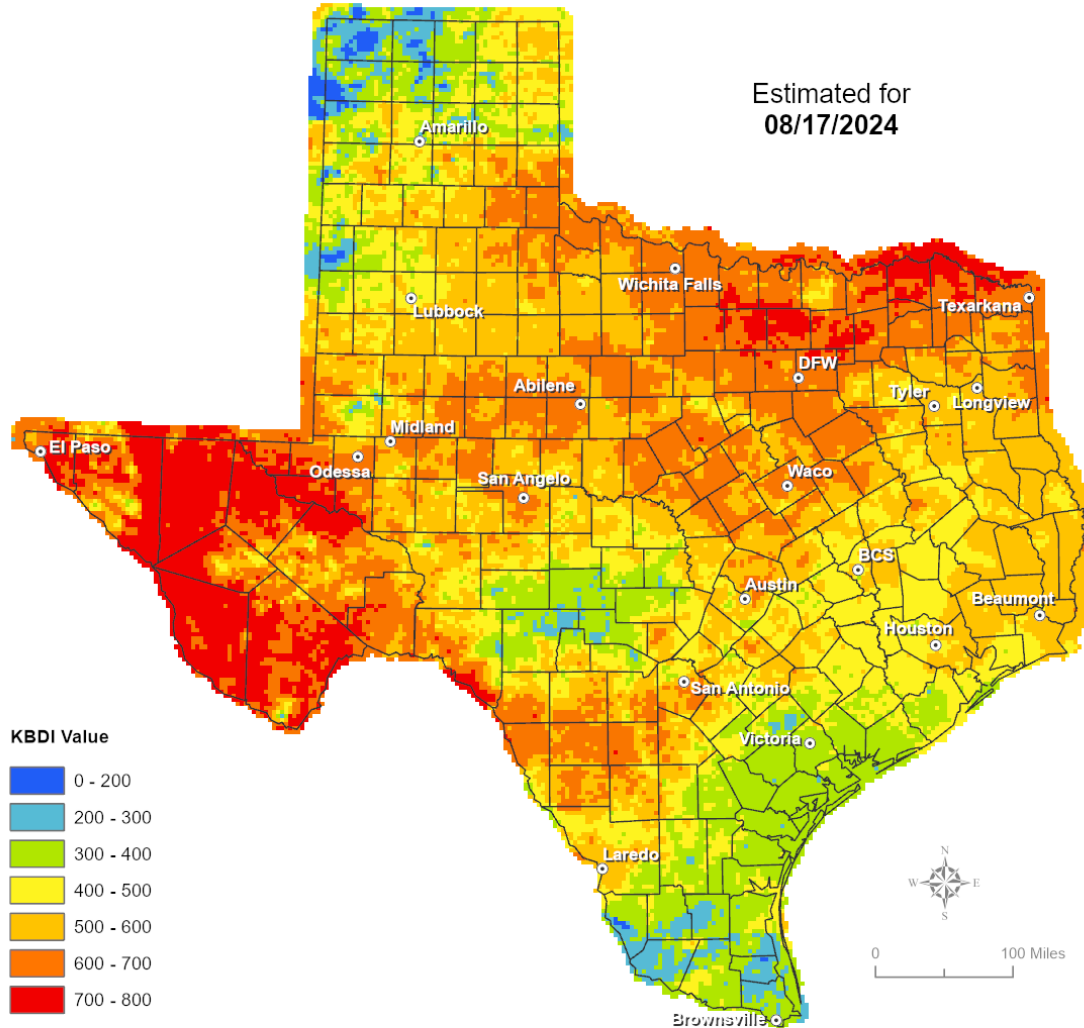
RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)  
 Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

# Keetch-Byram Drought Index

## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
08/17/2024



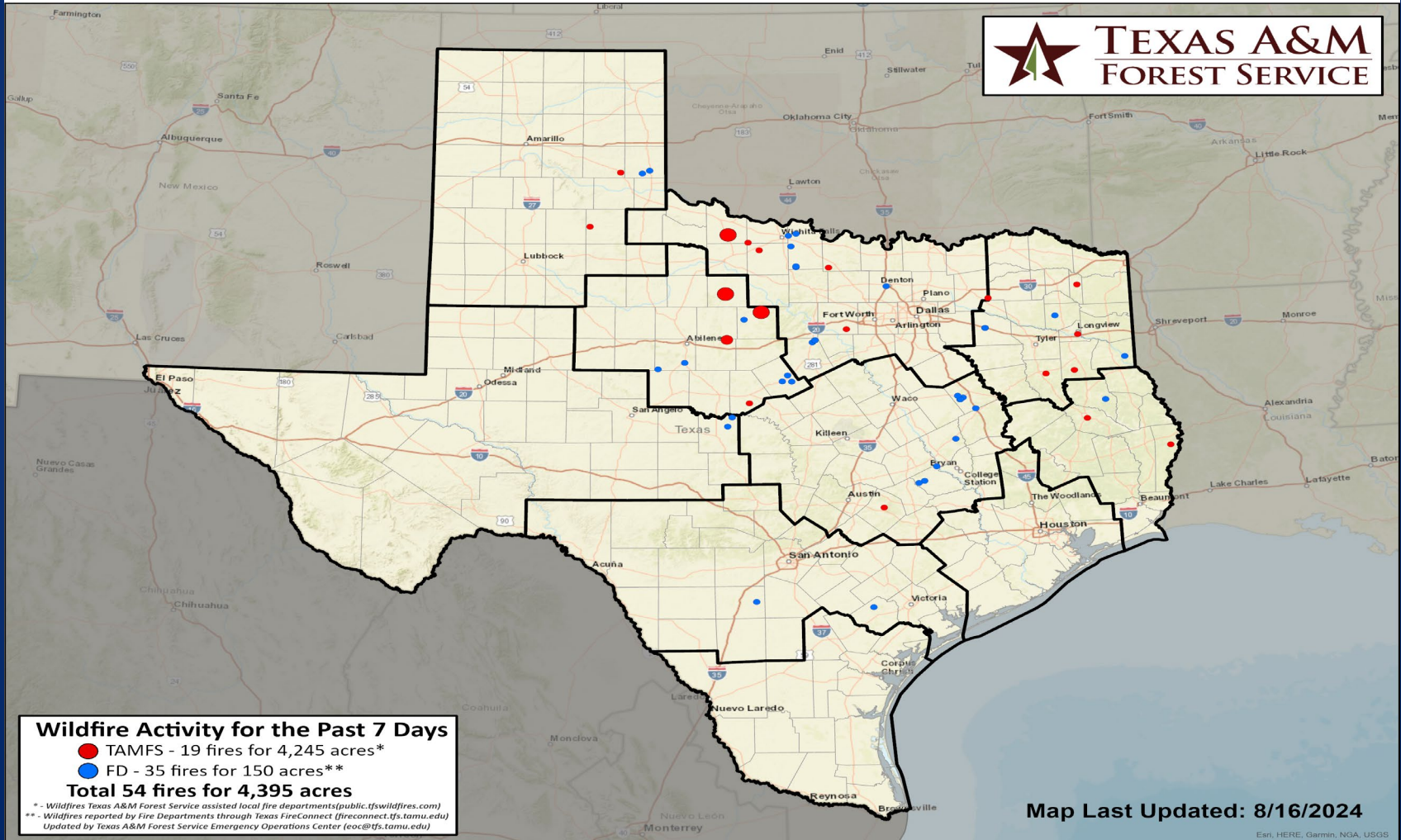


# Fire Weather Warnings/Watches/Statements

<b>DATE</b>	<b>WARNING TYPE</b>	<b>LOCATION</b>
08/18/24	Fire Danger Statement	Archer, Baylor, Brown, Callahan, Coke, Coleman, Concho, Crockett, Fisher, Foard, Hardeman, Haskell, Irion, Jones, Knox, Nolan, Runnels, Schleicher, Shackelford, Sterling, Sutton, Taylor, Throckmorton, Tom Green, Wichita and Wilbarger Counties

# Fire Activity (\*Last 24 Hours)

Report of 271 (+8) fires and 1,264,267 (+271) acres have been burned this year. There are 105 (No Change) counties with burn bans. The Keetch-Byram Drought Index list contains 215 (+4) counties with an average over 400.



# Statewide Significant Events

DATES		LOCATION	EVENT
08/16/24	08/25/24	Denton	North Texas Fair & Rodeo