

Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief

Friday, August 16th, 2024
As of 0900 CDT



Tropical Weather Awareness



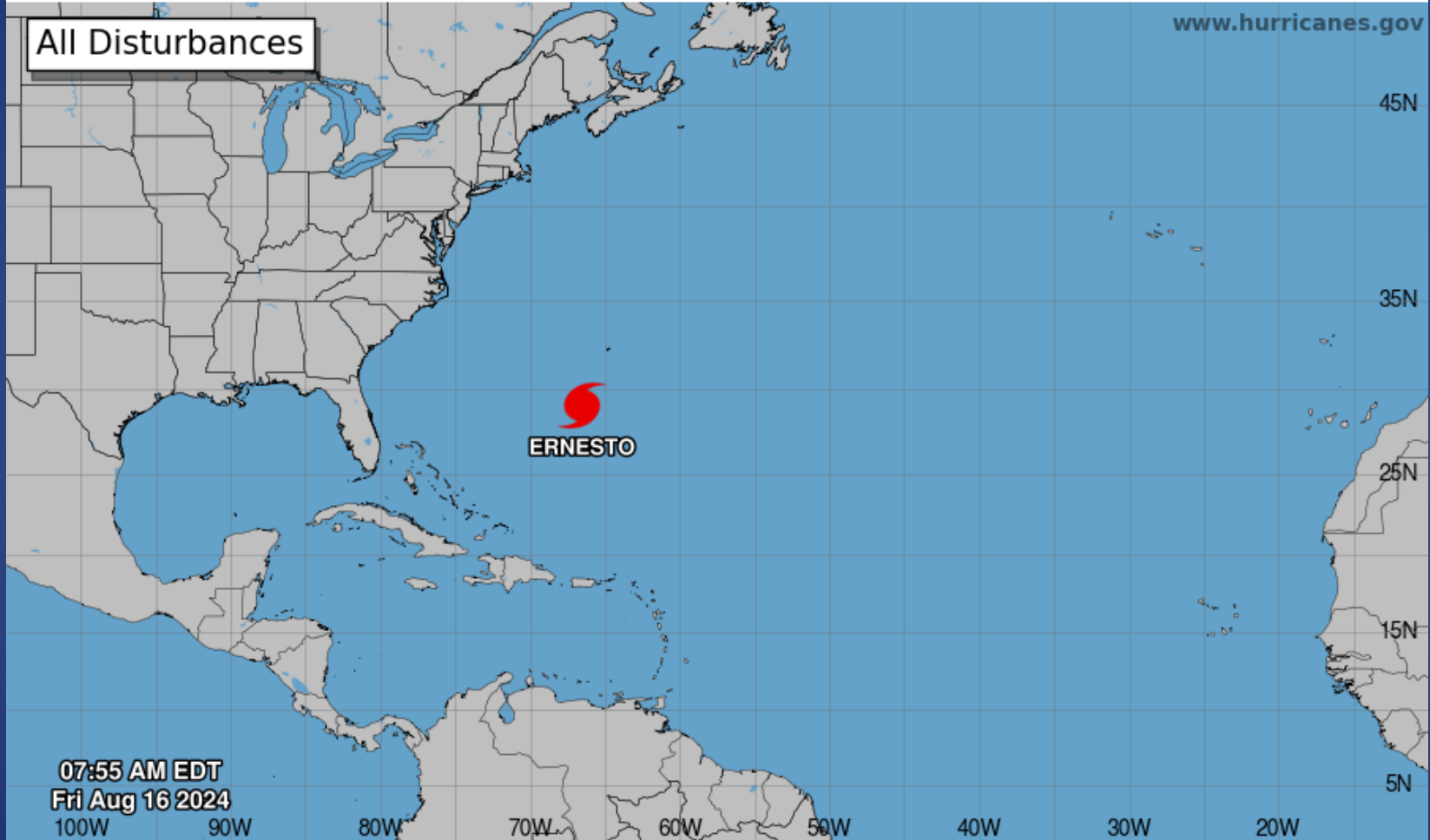
Seven-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



www.hurricanes.gov

All Disturbances



07:55 AM EDT
Fri Aug 16 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

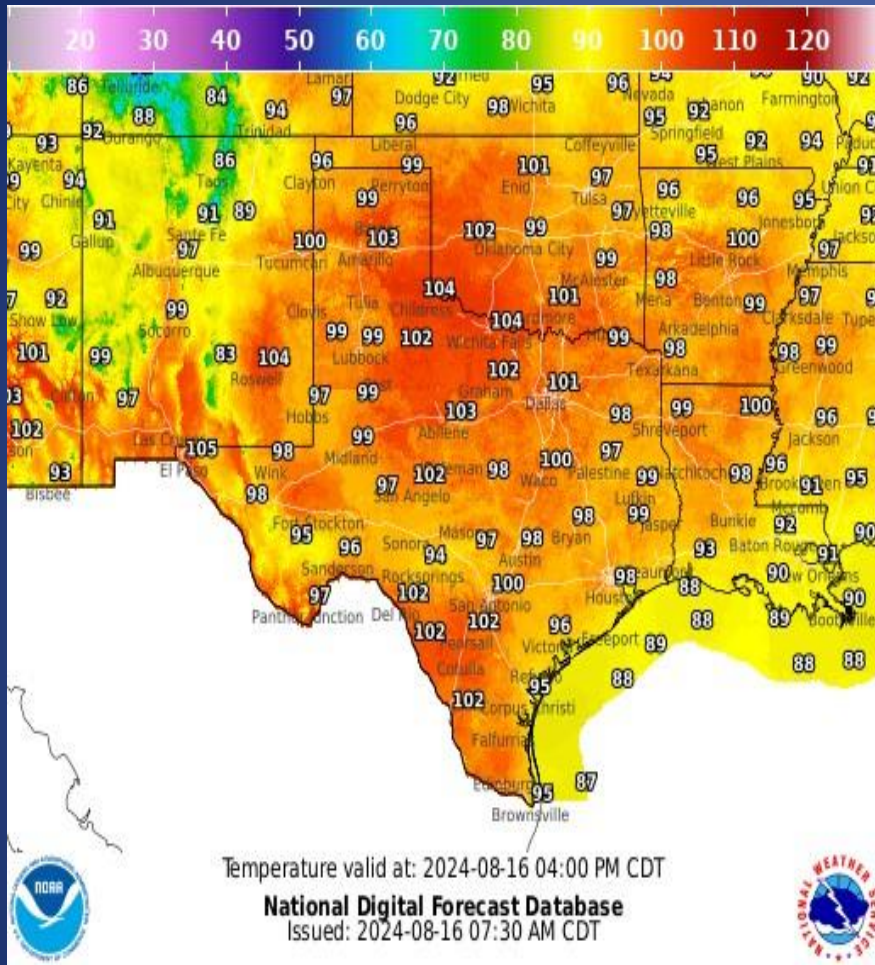
Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION
08/15/24	Final Report of a Water Outage	Travis County
08/15/24	Preliminary Earthquake Report (M3.8)	Glasscock County
08/15/24	Initial Report of an Industrial Fire	Gonzales County
08/15/24	Initial Report of the Wind Farm Fire	Wichita County
08/15/24	Initial Report of the River Pasture Fire	Motley County
08/15/24	Report of the Blackflat Fire	Archer County
08/15/24	Final Report of an Industrial Fire	Gonzales County
08/15/24	Initial Report of the Midway Pasture Fire	Wilbarger County
08/15/24	Update Report of the River Pasture Fire	Motley County

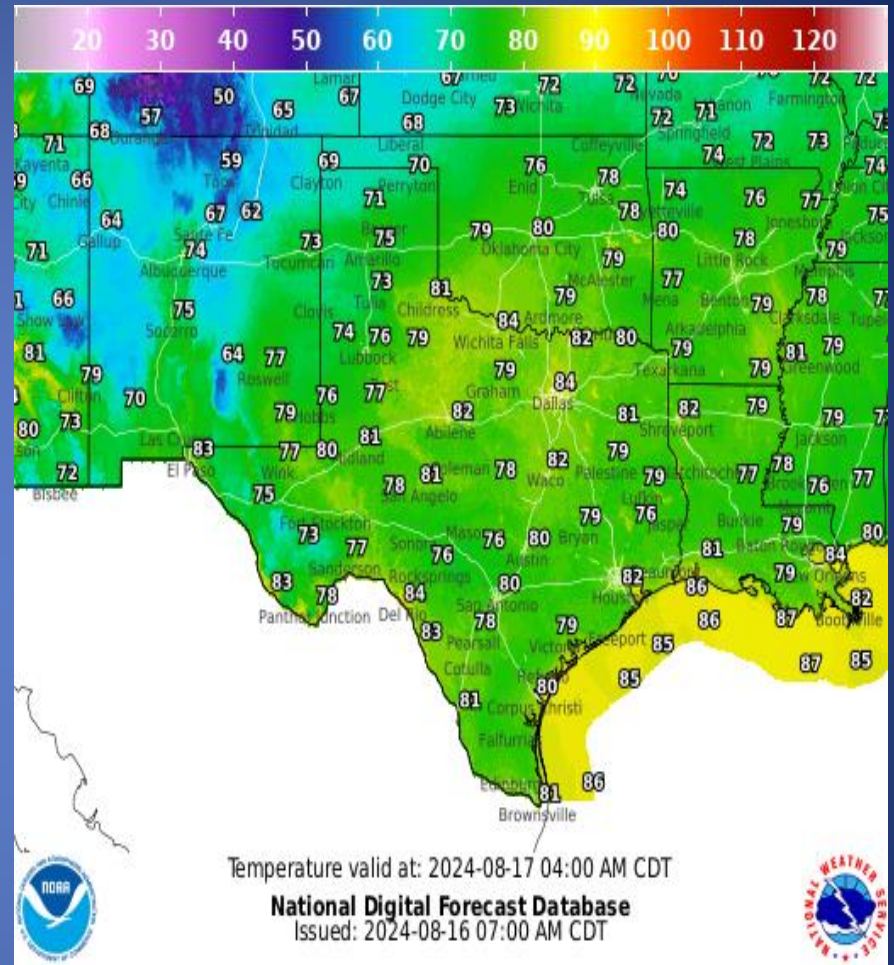
Informational Products Distributed by the State Operations Center

DATE	SUBJECT
08/15/24	Texas A&M Forest Service: Texas Fire Potential Update
08/15/24	Texas Special Events List for 08-15-2024
08/16/24	NWS Shreveport, LA: Heat Headlines Continue Through Today
08/16/24	Daily NWS Threat Brief for FEMA Region 6
08/16/24	NWS El Paso, TX/Santa Teresa, NM: Situational Awareness Briefing

Weather Forecast

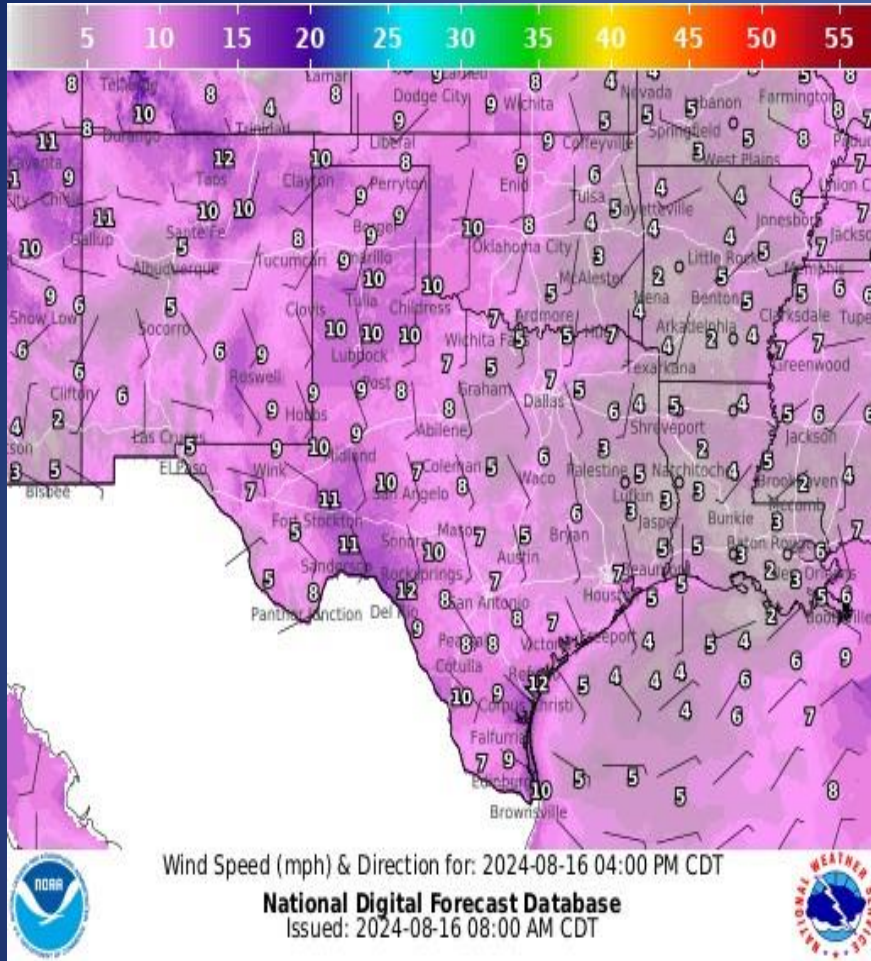


Highs

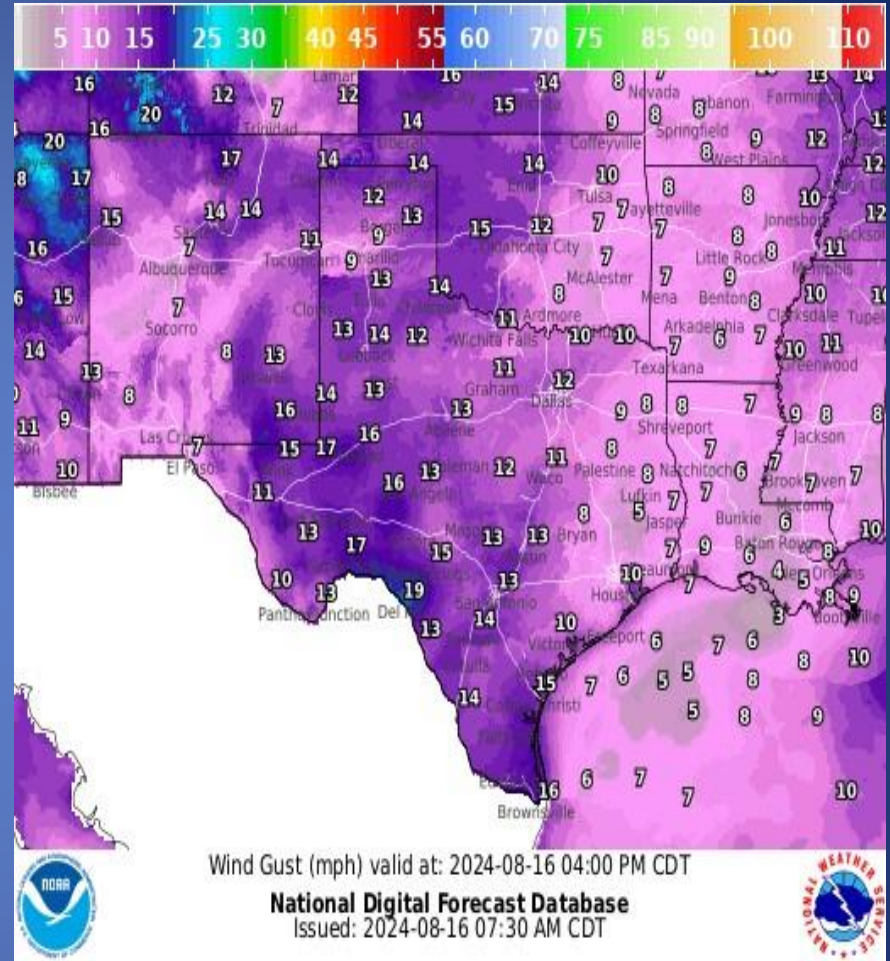


Lows

Weather Forecast

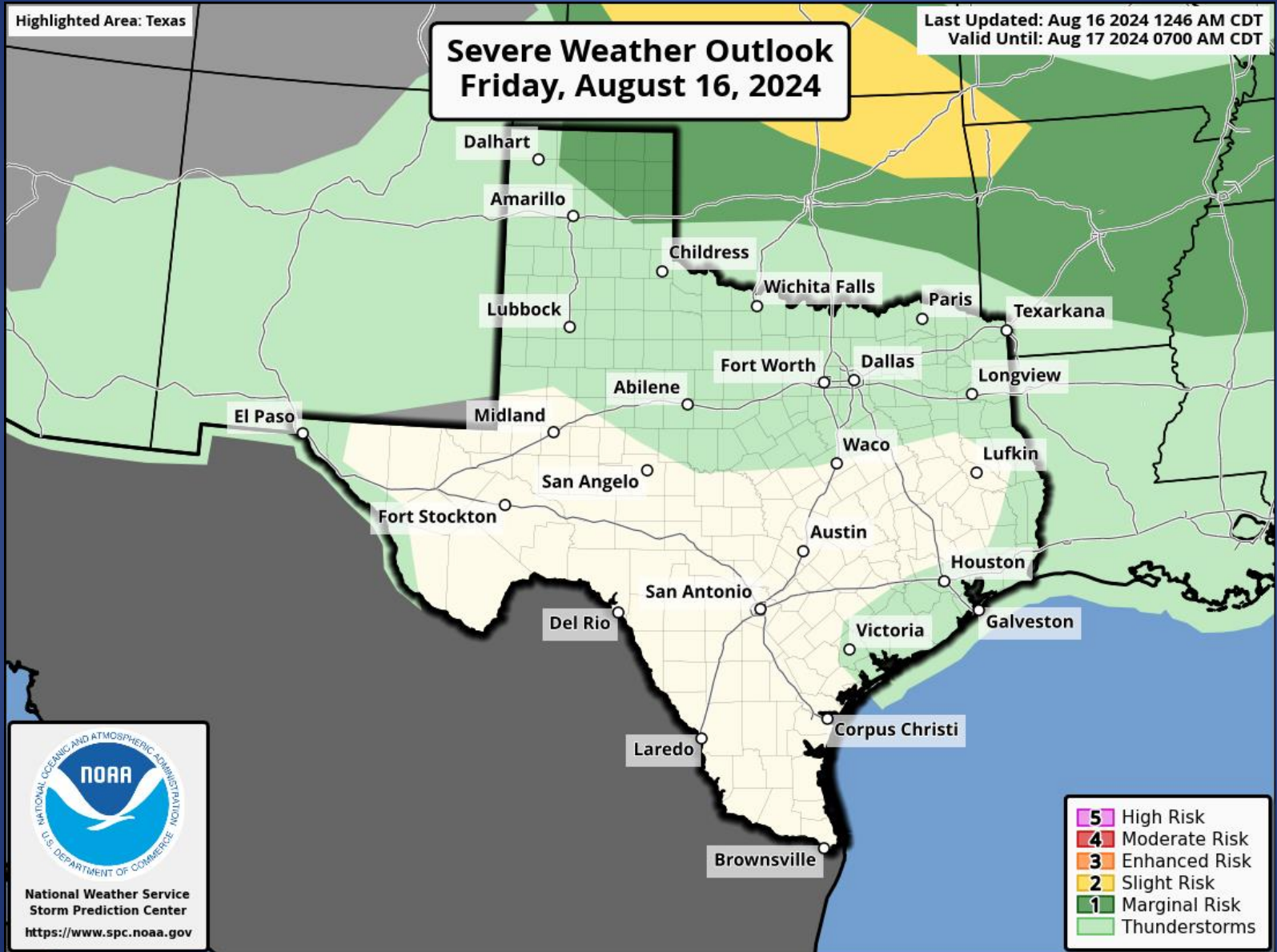


Wind Speeds



Gusts

Hazardous Weather



Hazardous Weather

Severe Thunderstorm Potential Today

Weather Forecast Office
Amarillo, TX
Issued Aug 16, 2024 3:20 AM CDT

Severe Weather Potential

MAX HAIL SIZE

Quarter (1.00 Inch)

MAX WIND GUSTS

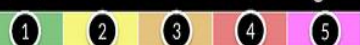
60 MPH

TORNADO POTENTIAL

Very Low

Legend: Severe Weather Potential

Lower → Higher



NWSAmarillo

weather.gov/ama

Thunderstorms may get strong to severe, mainly across the central and eastern Oklahoma Panhandle and the northeast and east-central Texas Panhandle. Damaging winds and large hail will be the primary threats.

Today: Heat Advisory in Effect

In effect from noon until 8 PM CDT today

Weather Forecast Office
Lubbock, TX
Issued Aug 16, 2024 3:39 AM CDT



High Temps: 105 to 109 degrees



Avoid work or play during peak heating hours.



Call 911 immediately if someone is suspected of having heat stroke.

Look Before You Lock!

Never leave kids or pets unattended in vehicles.

NWSLubbock

weather.gov/lub

A Heat Advisory is in effect for areas along and east of the Caprock Escarpment from noon until 8 PM. High temperatures in the advisory area will range from 105 to 109 degrees. Avoid work or play outdoors during peak heating hours, and never leave kids or pets unattended in vehicles.

Hazardous Weather

Dangerous Heat on Friday

Heat Safety Website: www.weather.gov/safety/heat

Weather Forecast Office
Fort Worth, TX



Issued August 15, 2024 2:12 PM CT

Heat Advisory

Heat Indices 105° to 109°

Excessive Heat Warning

Heat Indices 110°-112°

Excessive Heat Warning 12PM Friday through 9PM Friday



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

Portions of North Texas, including the DFW Metroplex, have been upgraded to an Excessive Heat Warning for this afternoon and evening. Heat index values in the warned (pink) area are expected to exceed 110 degrees Friday. A Heat Advisory remains in effect for the remainder of the area through Friday 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.

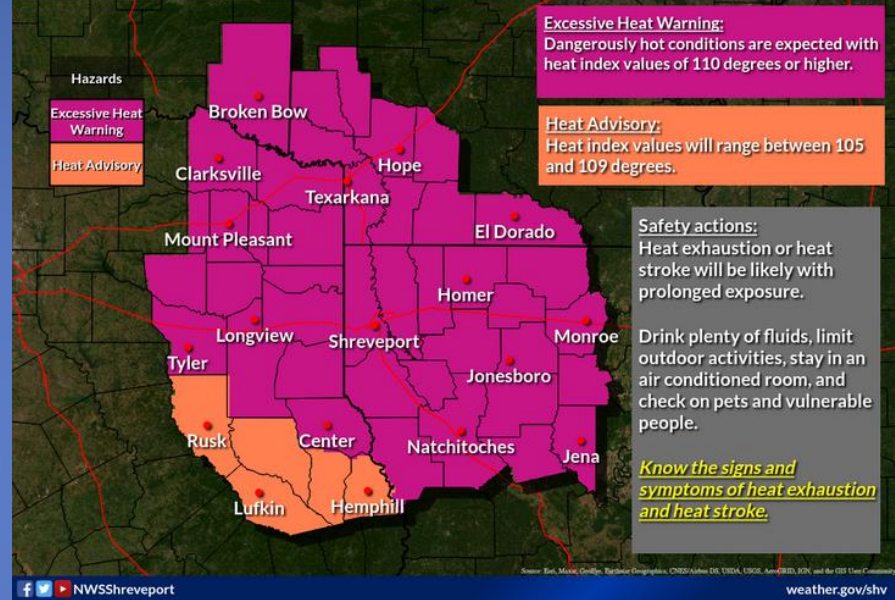
Excessive Heat Warning and Heat Advisory in Effect

Valid through 8 PM This Evening

Weather Forecast Office
Shreveport, LA



Issued Aug 16 2024 2:54 AM CDT



Excessive Heat Warning:
Dangerously hot conditions are expected with heat index values of 110 degrees or higher.

Heat Advisory:
Heat index values will range between 105 and 109 degrees.

Safety actions:
Heat exhaustion or heat stroke will be likely with prolonged exposure.

Drink plenty of fluids, limit outdoor activities, stay in an air conditioned room, and check on pets and vulnerable people.

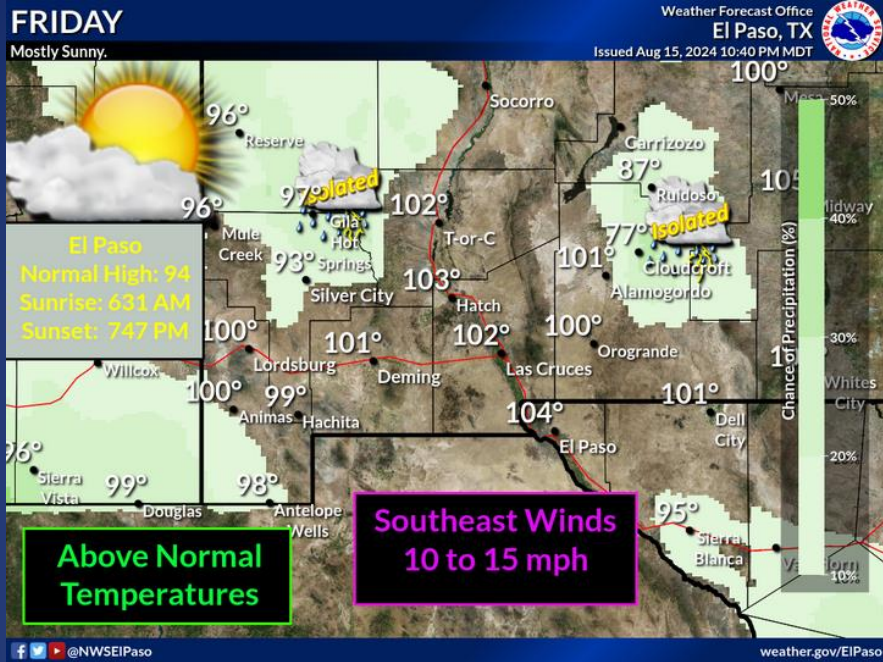
Know the signs and symptoms of heat exhaustion and heat stroke.

NWSShreveport

weather.gov/shv

An Excessive Heat Warning is in effect for the majority of the ArkLaTex today as heat index values are expected to climb above 110 degrees. A Heat Advisory is in effect for the remaining portions of deep east Texas as heat indices should be between 105 and 109 degrees. The warning and advisory will be in effect until 8 PM in the evening.

Hazardous Weather



High pressure overhead will limit thunderstorms to mainly the mountains Friday afternoon. High temperatures will be around 7 to 10 degrees above normal.

Heat Advisory
From 11 AM to 8 PM Today

August 16, 2024
5:15 AM

✓ **Key Messages**

- High temperatures will range from 93°F to 100°F today.
- Heat index values of 107°F to 112°F are expected.

Actions

- Never leave kids or pets unattended in vehicles!
- Drink plenty of fluids.
- Take frequent breaks in the shade or indoors.

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

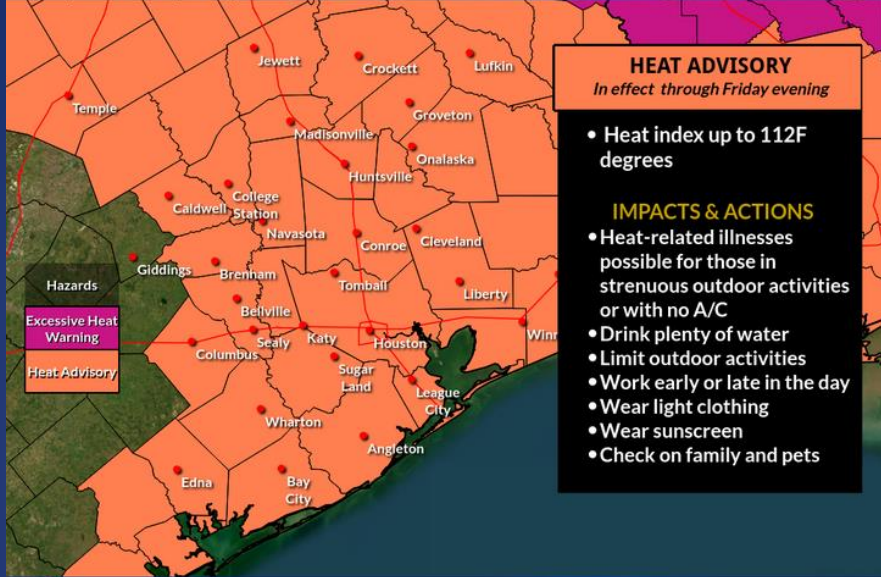
National Weather Service
Lake Charles, LA

Hazardous Weather

Dangerous Heat Continuing Friday

Advisory in effect through Friday 8 PM

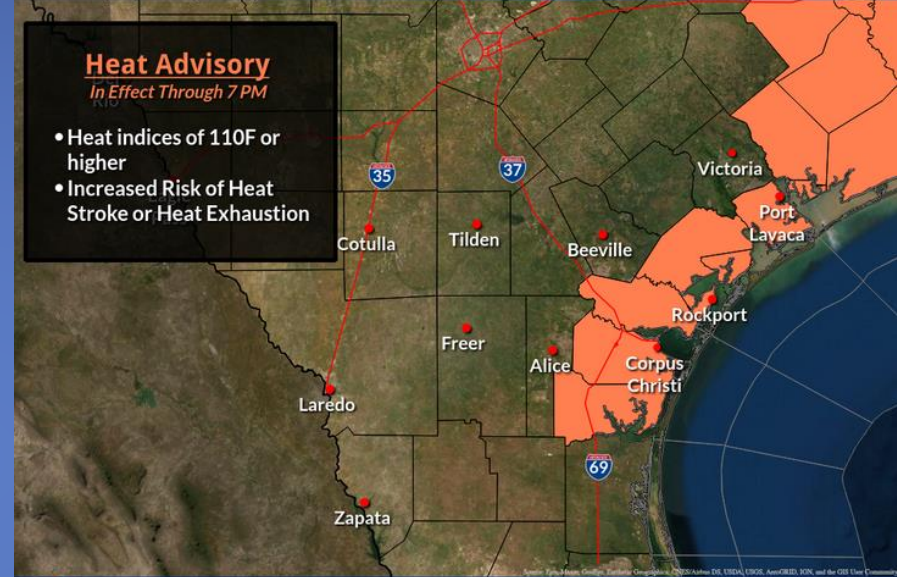
Weather Forecast Office
Houston/Galveston TX
Issued Aug 15, 2024 4:32 PM CDT



Dangerous Heat Today

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

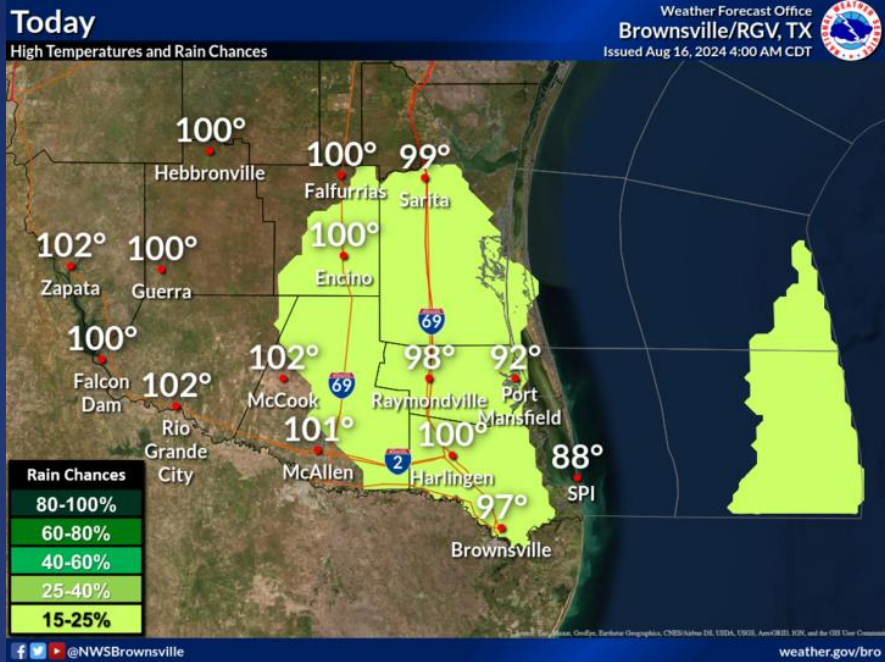
Weather Forecast Office
Corpus Christi, TX
Issued Aug 16, 2024 1:55 AM CDT



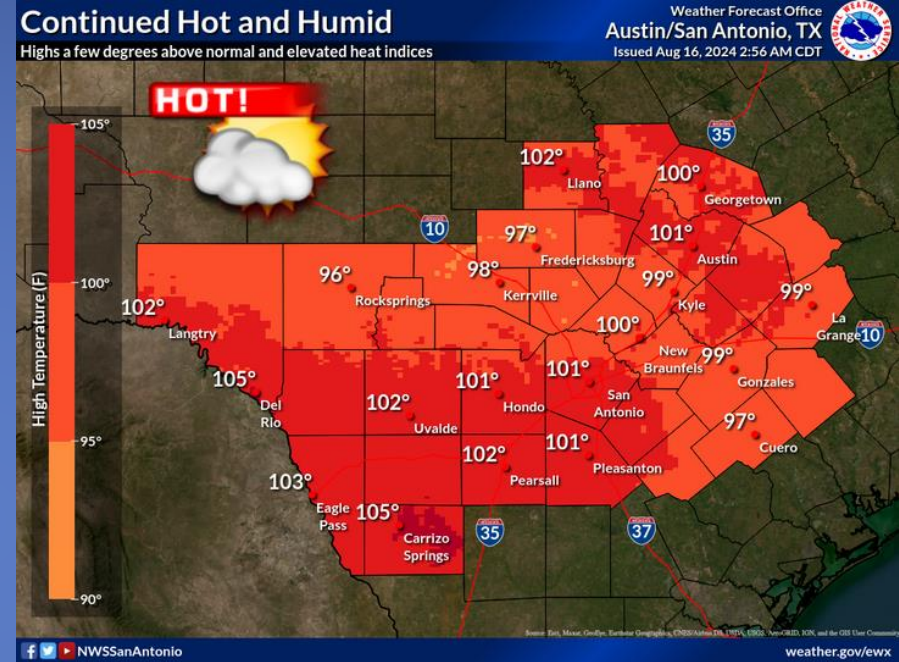
...HEAT ADVISORY NOW IN EFFECT UNTIL 8 PM CDT THURSDAY... * WHAT...Heat index values up to 109. * WHERE...Most of southeast Texas. * WHEN...Until 8 PM CDT Thursday. * IMPACTS...Hot temperatures and high humidity may cause heat illnesses. PRECAUTIONARY/PREPAREDNESS ACTIONS... Drink plenty of fluids, stay in an air-conditioned room, stay out of the sun, and check up on relatives and neighbors. Take extra precautions when outside. Wear lightweight and loose-fitting clothing. Try to limit strenuous activities to early morning or evening. Take action when you see symptoms of heat exhaustion and heat stroke.

A Heat Advisory is in effect through 7 PM today. Heat index values up to 111 are expected. Also, a few spots across the Coastal Plains and Brush Country may briefly reach 110 this afternoon. Please use caution if you must be outside: drink plenty of water, take breaks, and wear light colored, loose clothing.

Hazardous Weather



High temperatures and rain chances for today.



Hot and humid conditions are expected again today. Highs will be in the upper 90s to near 105 degrees. Afternoon heat index values will range from the upper 90s to near 110 degrees with the highest values near the Coastal Plains.

Hazardous Weather

Heat Advisory Today

Through This Evening

What to Expect

- Heat Index and temperature readings of 105 to 107 are expected across the Big Country.
- This will lead to an increased risk of heat-related illnesses.



Hydrate
drink before
you are thirsty



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

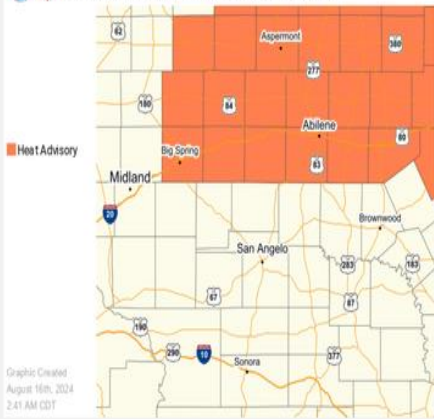


**Wear Light
Clothing**
lightweight and
light colored



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

Current Watches, Warnings, and Advisories



Graphic Created
August 16th, 2024
2:41 AM CDT



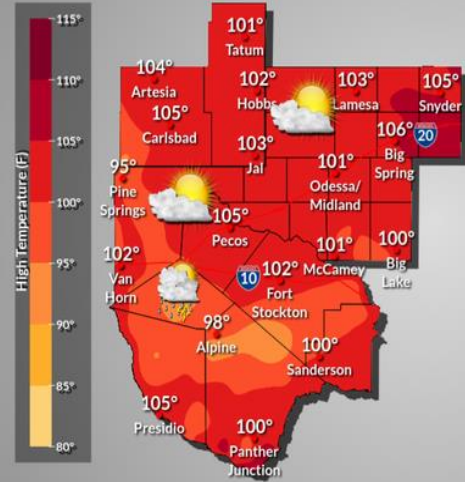
National Weather Service ·
San Angelo
weather.gov/SJT

August 16, 2024
2:55 AM



Hot End to the Week

August 16, 2024
2:22 AM



Key Takeaways:

- High temperatures mainly in the 90s and 100s
- Showers and storms in Davis Mountains
- Take plenty of breaks and drink water

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

National Weather Service
Midland/Odessa, TX

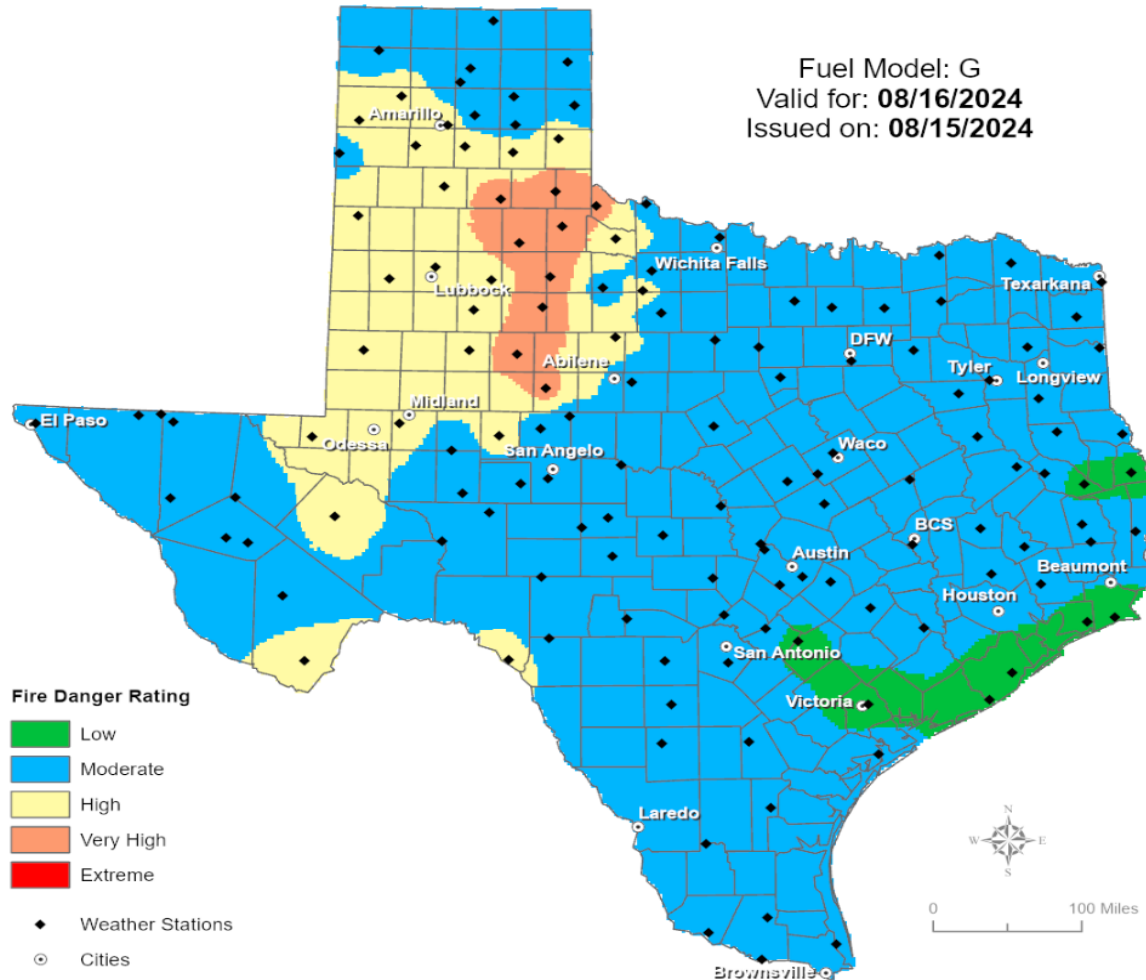
Highs will remain at or above normal into the weekend, from the upper 90s to lower 100s.

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
08/15/24	Excessive Heat Warning	Bowie, Camp, Cass, Collin, Dallas, Delta, Denton, Fannin, Franklin, Grayson, Gregg, Harrison, Hopkins, Hunt, Kaufman, Lamar, Marion, Morris, Panola, Rains, Red River, Rockwall, Rusk, Shelby, Smith, Tarrant, Titus, Upshur, Wood, and Van Zandt Counties
08/15/24	Severe Thunderstorm Warning	Briscoe, Cottle, Dickens, Hall, Hardeman, King, Motley, Stonewall, Wichita, and Wilbarger Counties
08/15/24	Flood Advisory	El Paso and Hudspeth Counties
08/15/24	Flash Flood Warning	El Paso County

Fire Danger Forecast

Forecast Fire Danger



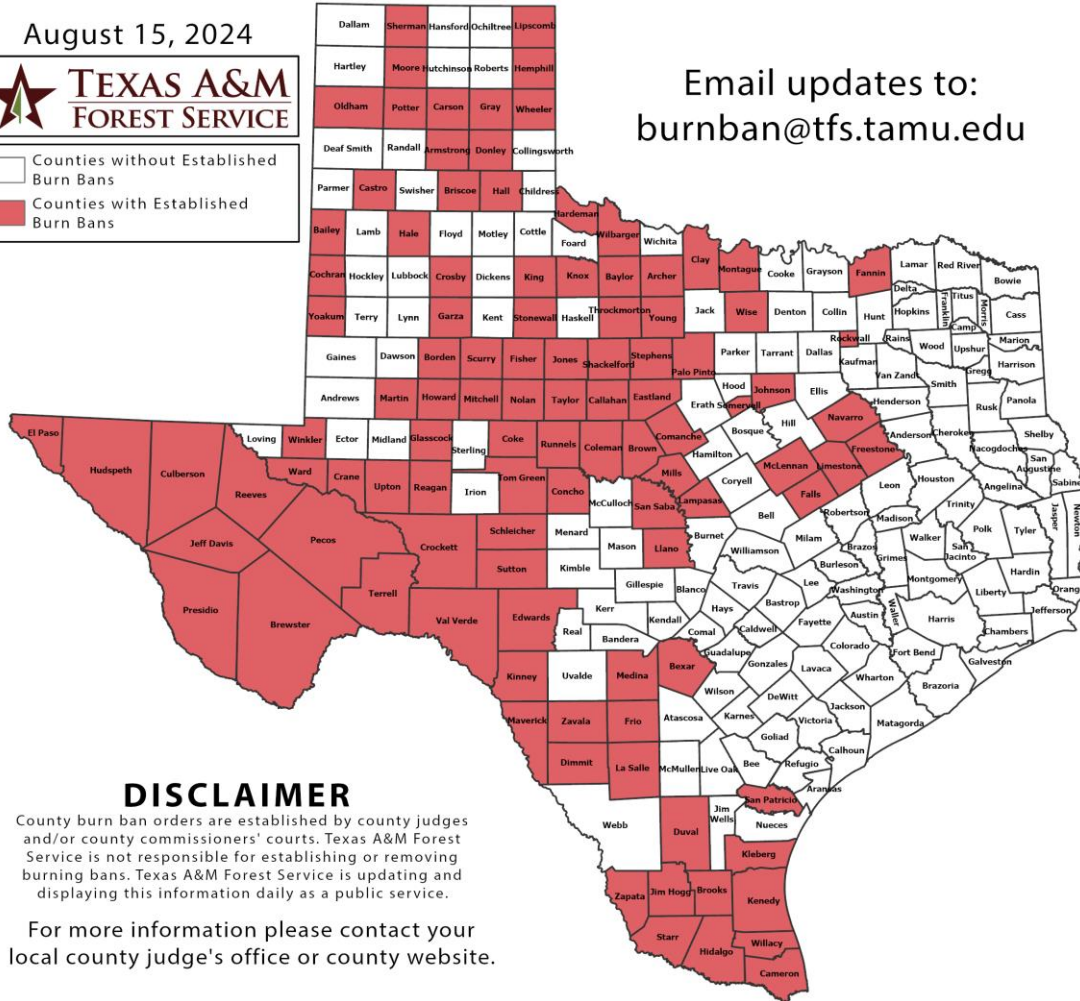
Burn Ban

OUTDOOR BURN BANS

August 15, 2024



Counties without Established Burn Bans
 Counties with Established Burn Bans



Email updates to:
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.

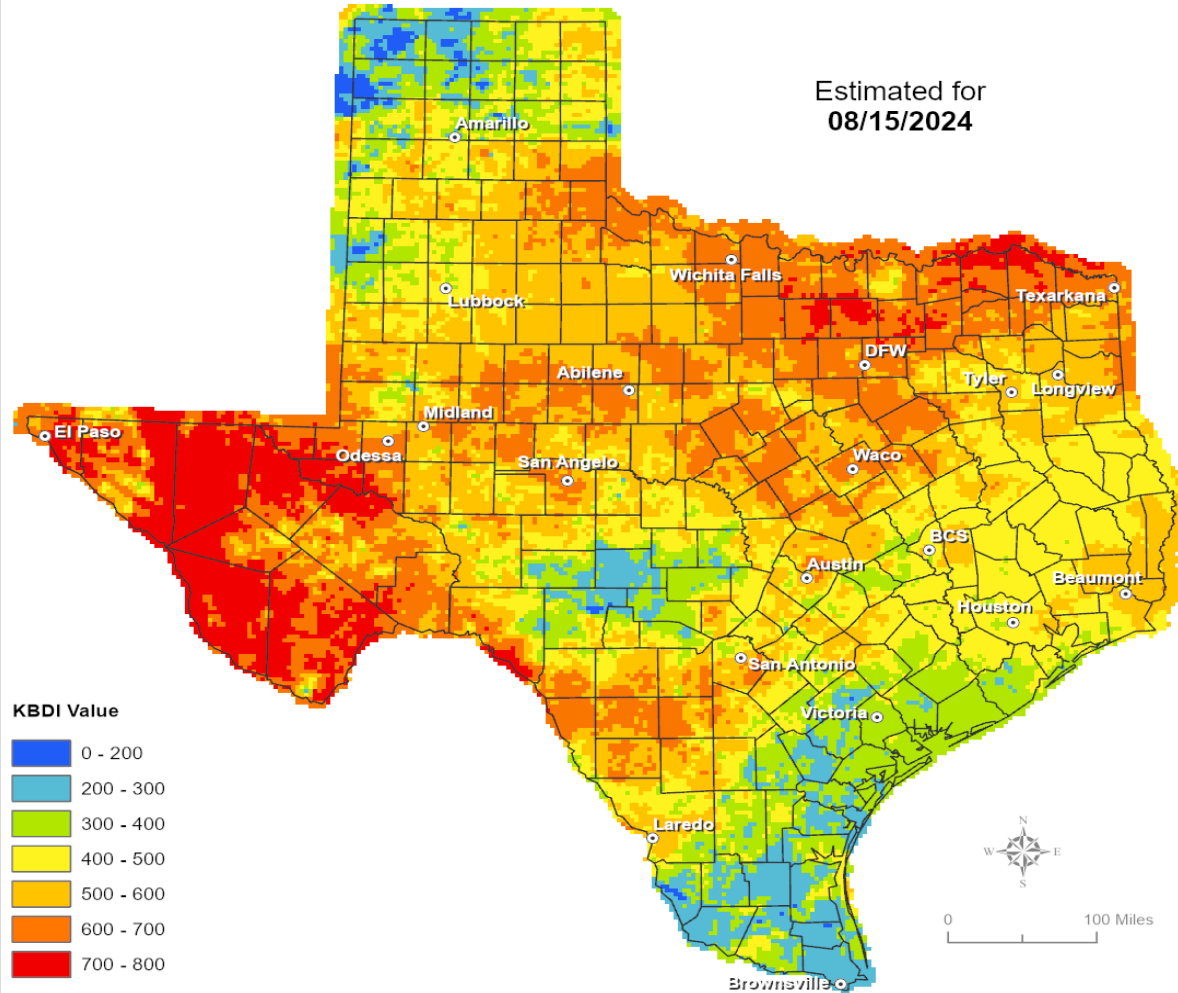
RED FLAG WARNINGS: www.weather.gov
Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

Keetch-Byram Drought Index

Keetch-Byram Drought Index

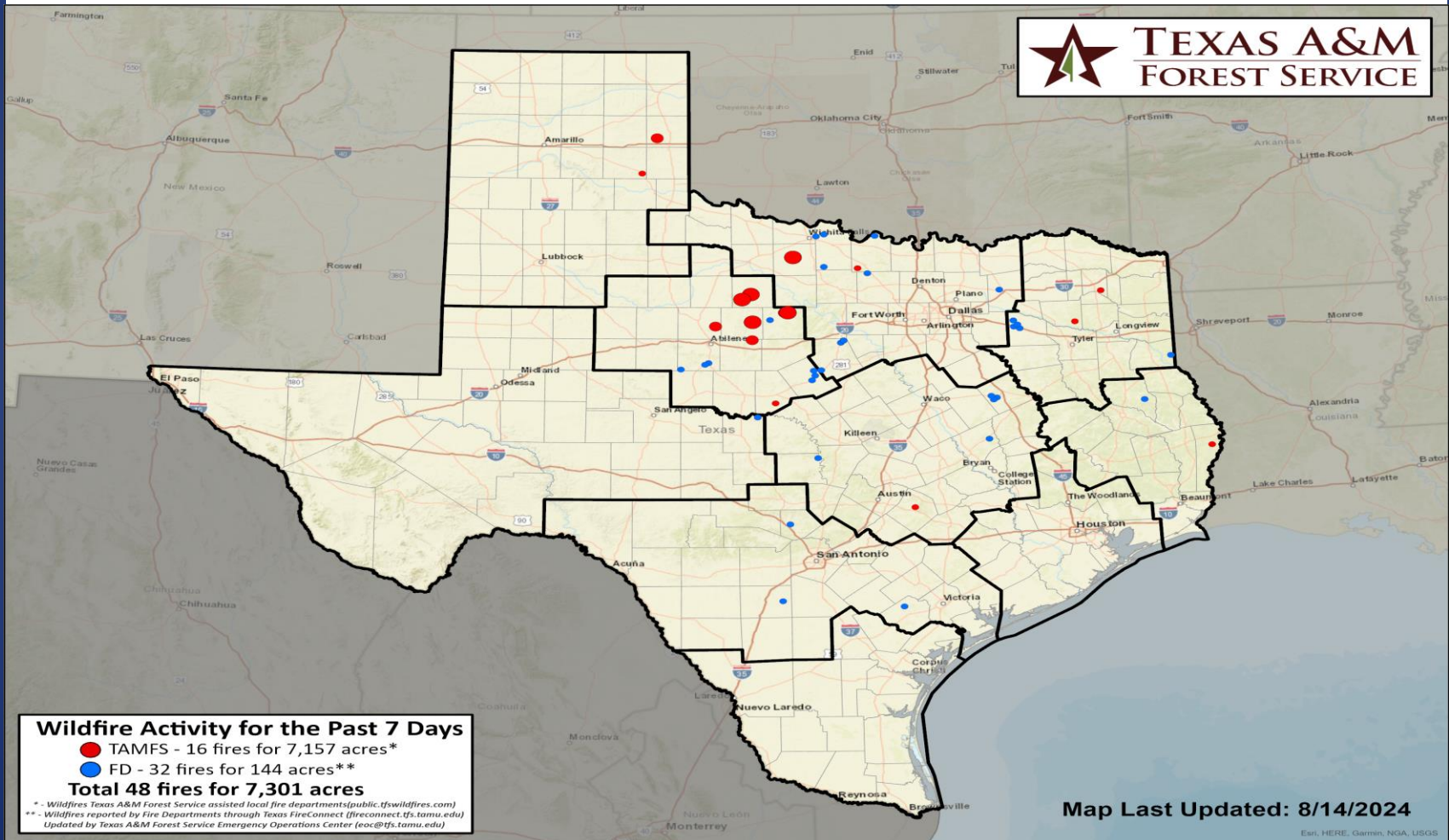
(4 km x 4 km resolution)

Estimated for
08/15/2024



Fire Activity (*Last 24 Hours)

Report of 256 (+9) fires and 1,258,790 (+2,802) acres have been burned this year. There are 105 (+2) counties with burn bans. The Keetch-Byram Drought Index list contains 207 (+12) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
08/13/24	08/16/24	Debris Management	G-202	Galveston
08/15/24	08/16/24	Advanced Incident Command System for Complex Incidents, ICS 400	G/ICS-400	Kingsville

Statewide Significant Events

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