

Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief



Tuesday, July 23rd, 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.

07:12 AM EDT
Tue Jul 23 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

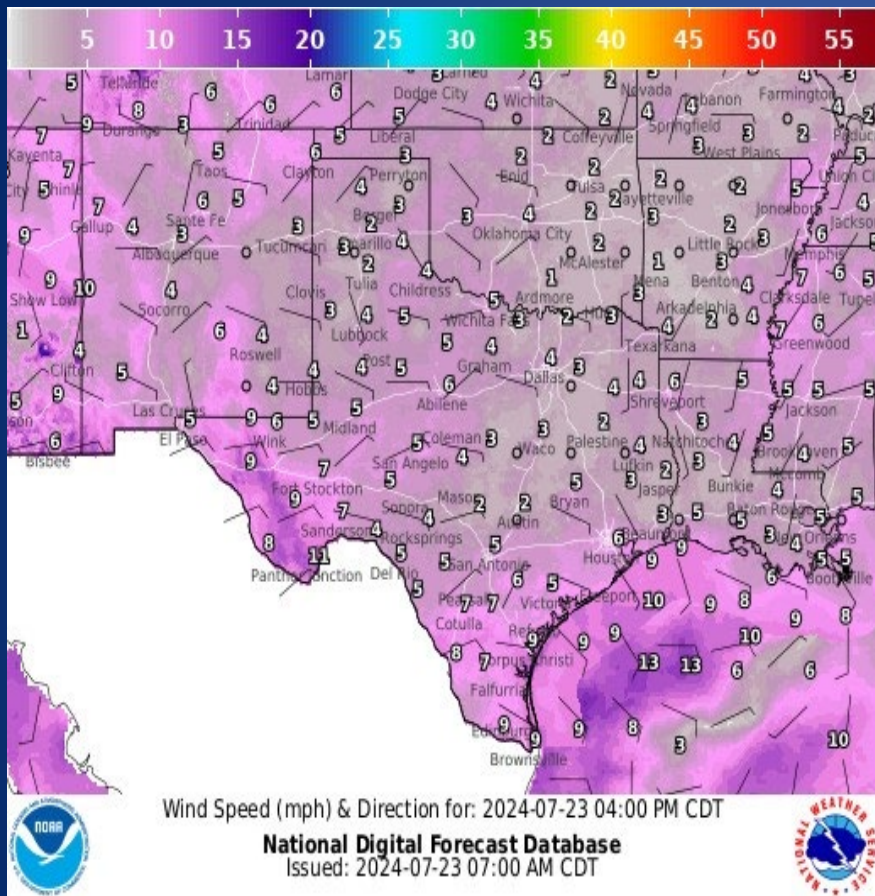
Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION
07/22/24	Preliminary Earthquake Report (M4.0)	Culberson County
07/22/24	Preliminary Earthquake Report (M4.9)	Fisher County
07/22/24	Preliminary Earthquake Report (M4.4)	Scurry County
07/23/24	Preliminary Earthquake Report (M3.1)	Scurry County
07/23/24	Preliminary Earthquake Report (M3.2)	Culberson County

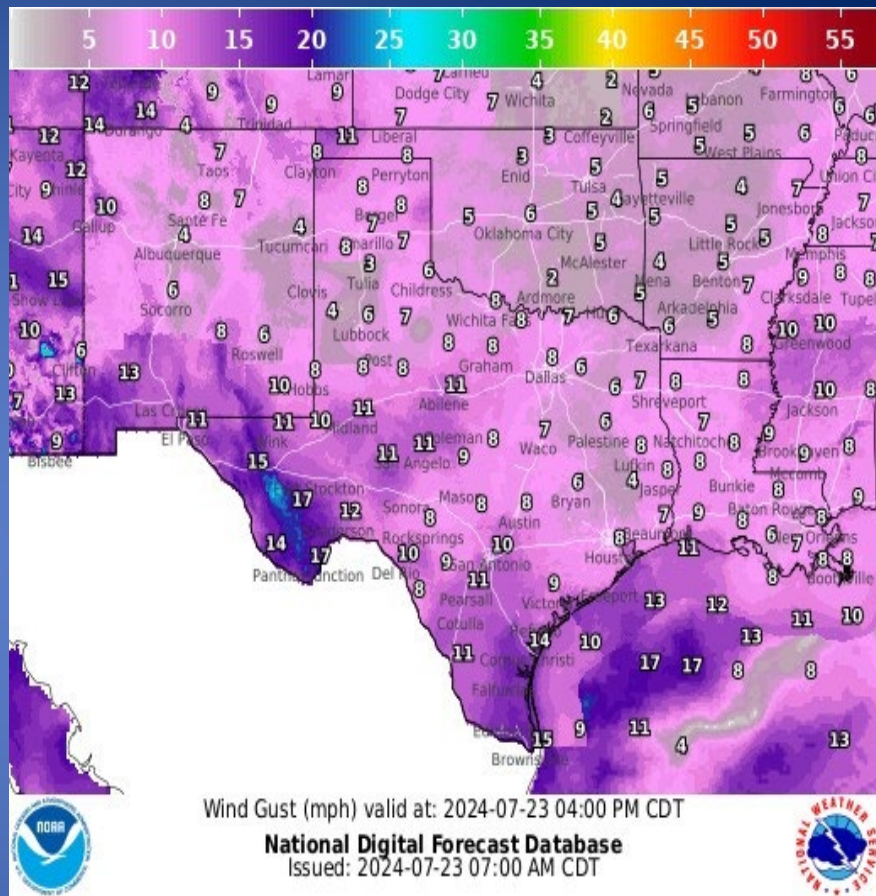
Informational Products Distributed by the State Operations Center

DATE	SUBJECT
07/22/24	NWS West Gulf RFC: Rainfall Expected Daily This Week...Watch Area Rivers
07/22/24	Texas A&M Forest Service: Texas Fire Potential Update
07/22/24	NWS Corpus Christi: Flash Flooding Possible Through Early Next Week
07/22/24	NWS Austin/San Antonio: Wetter and Cooler Pattern this Week, Isolated Flooding Possible
07/23/24	NWS Houston/Galveston: NWS Update: Periods of Rain & Storms Today
07/23/24	Daily NWS Threat Brief for FEMA Region 6

Weather Forecast



Wind Speeds



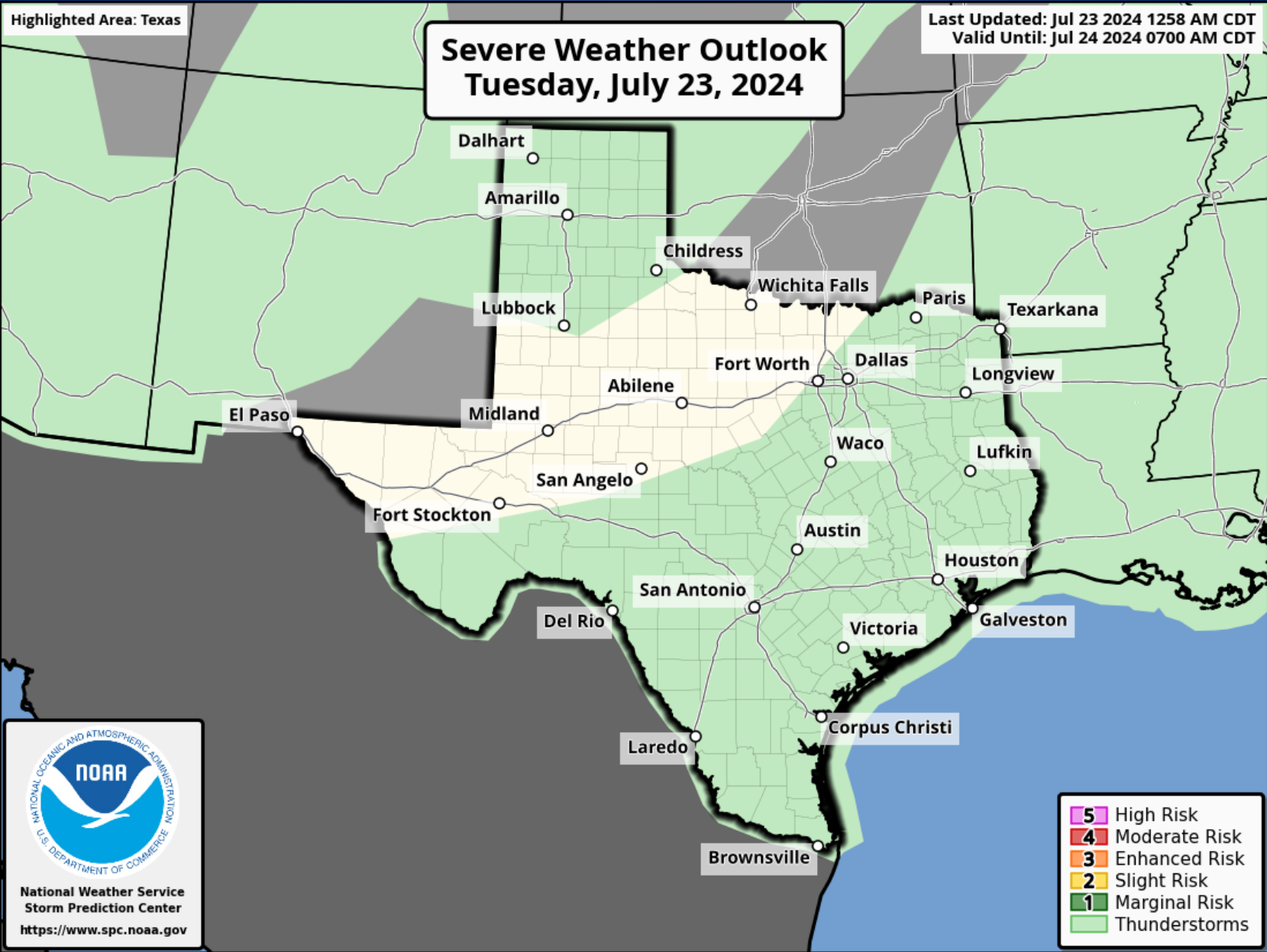
Gusts

Hazardous Weather

Highlighted Area: Texas

Last Updated: Jul 23 2024 1258 AM CDT
Valid Until: Jul 24 2024 0700 AM CDT

Severe Weather Outlook Tuesday, July 23, 2024



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

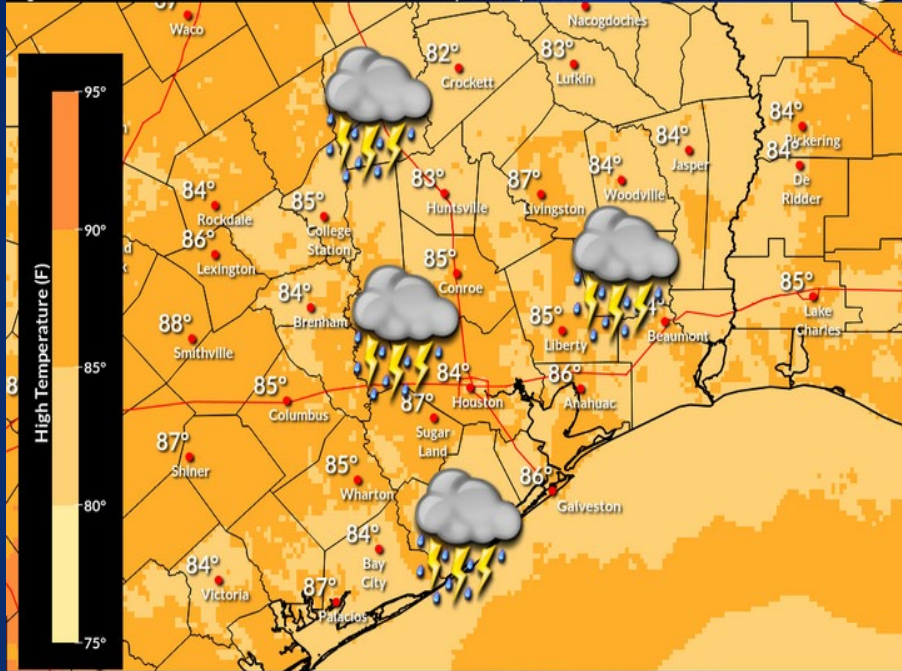
NATIONAL WEATHER SERVICE
Storm Prediction Center
<https://www.spc.noaa.gov>

Hazardous Weather

Tuesday

Highs in the low to mid 80s. Areas of showers and storms. Heavy rainfall possible.

Weather Forecast Office
Houston/Galveston TX
Issued Jul 23, 2024 4:50 AM CDT



@NWSHouston

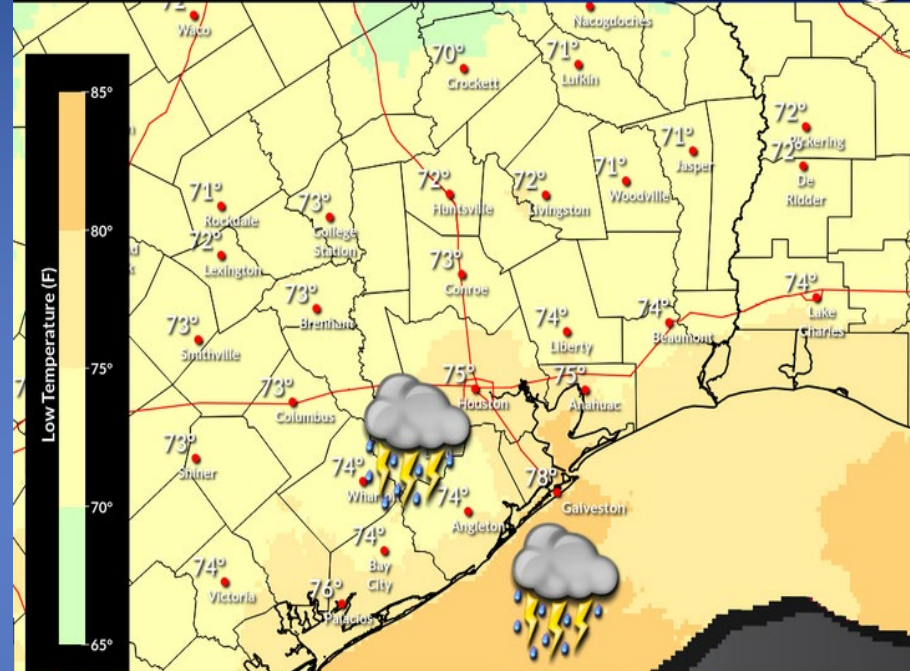
weather.gov/hgx

A stormy weather pattern will continue across Southeast Texas. Several rounds of showers and thunderstorms are expected today. Heavy rainfall is possible at times. Skies will be mostly cloudy and high temperatures will be in the low to mid 80s.

Tuesday Night

Lows in the low to mid 70s. Periods of showers and storms.

Weather Forecast Office
Houston/Galveston TX
Issued Jul 23, 2024 4:55 AM CDT



@NWSHouston

weather.gov/hgx

For tonight, the lows will be in the low to mid 70s. Partly to mostly cloudy skies are expected along with periods of showers and thunderstorms mainly near and south of I-10.

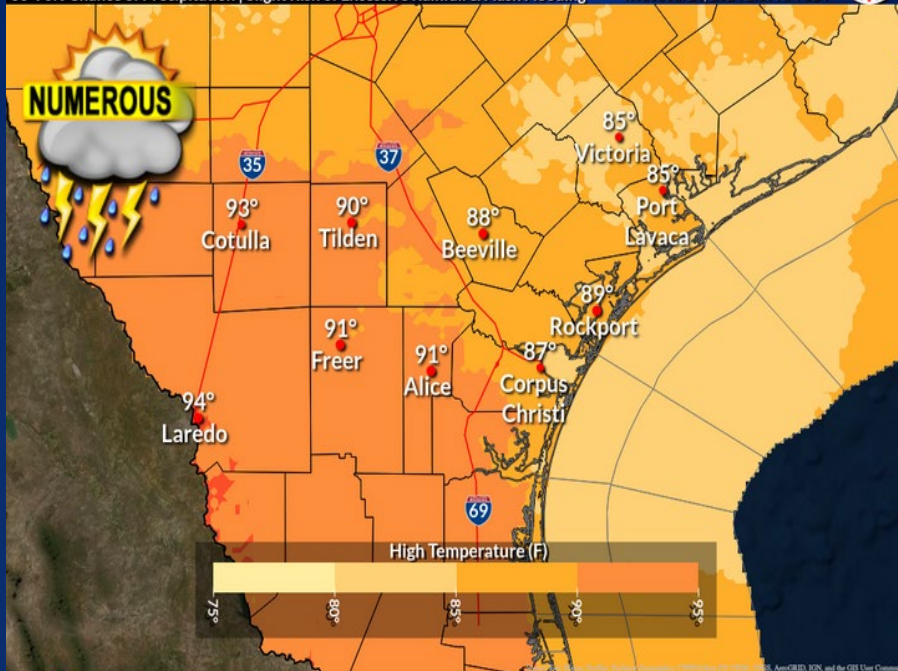
Hazardous Weather

Numerous Showers & Storms Today

60-90% Chance of Precipitation | Slight Risk of Excessive Rainfall & Flash Flooding

Weather Forecast Office
Corpus Christi, TX

Issued Jul 23, 2024 2:39 AM CDT



NWSCorpus

weather.gov/crp

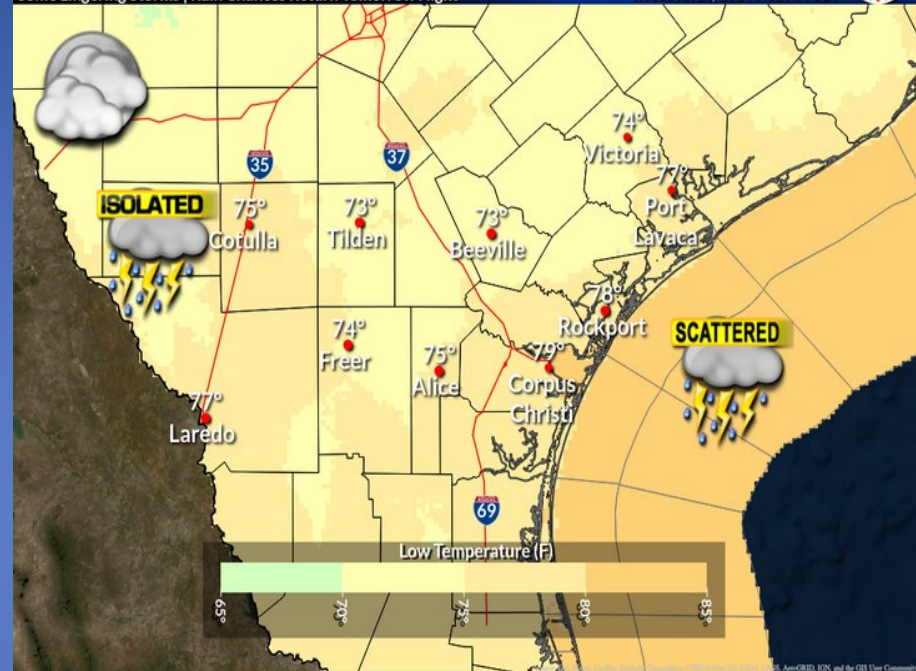
Highs in the 80s and 90s across South Texas today with a medium to high (50-90%) chance of showers and thunderstorms. Greatest chances over the Victoria Crossroads. Heat index values will be around 100. Light east winds of 5 to 15 mph.

Rain Chances Decrease Tonight

Some Lingering Storms | Rain Chances Return Tomorrow Night

Weather Forecast Office
Corpus Christi, TX

Issued Jul 23, 2024 7:32 AM CDT



NWSCorpus

weather.gov/crp

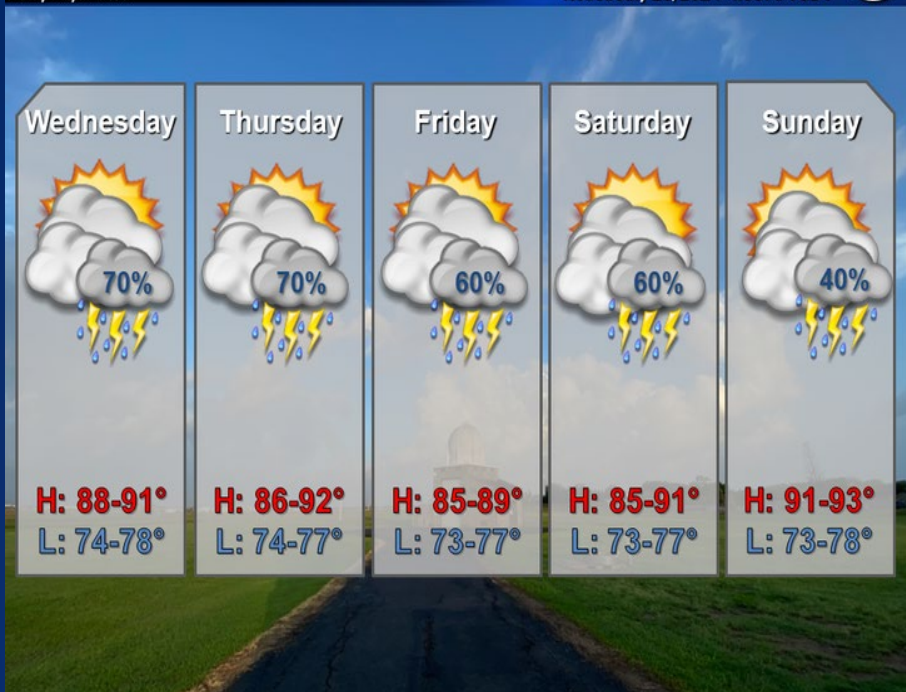
There will be some lingering showers and storms across the area otherwise expect partly to mostly cloudy skies. Lows will be in the upper 70s tonight. Expect rain chances to ramp up again tomorrow morning.

Hazardous Weather

5-Day Outlook

Rainy Days Ahead

Weather Forecast Office
Brownsville/RGV, TX
Issued July 23, 2024 4:30 AM CDT

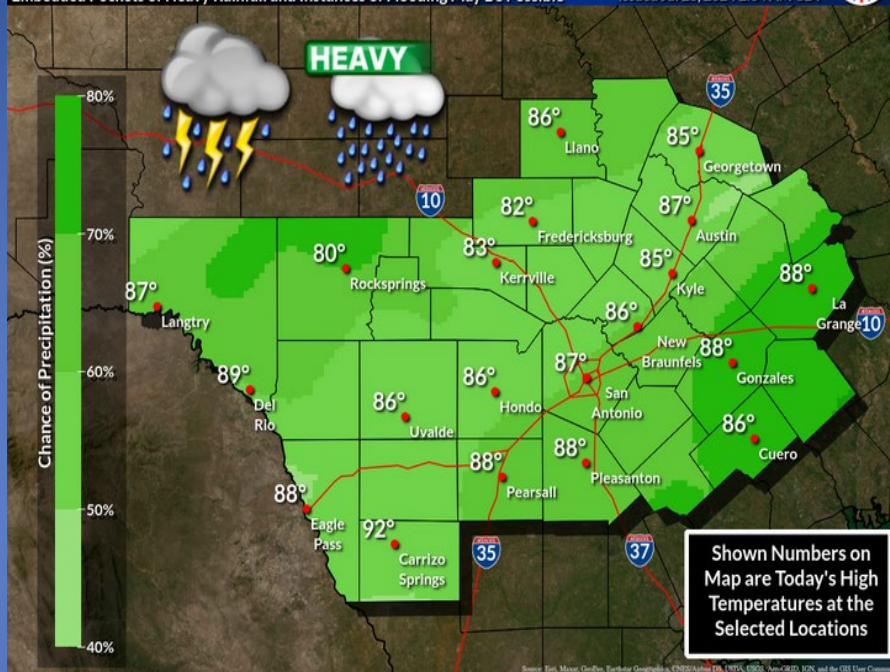


Temperatures will decrease to near normal across Deep South Texas during the work week with increased cloud cover and rain. Storms have potential to bring 1 to 2 inches of rain with locally heavier amounts.

Rounds of Showers and Thunderstorms Continue

Embedded Pockets of Heavy Rainfall and Instances of Flooding May Be Possible

Weather Forecast Office
Austin/San Antonio, TX
Issued Jul 23, 2024 2:04 AM CDT



NWSSanAntonio

weather.gov/ewx

Rounds of showers and thunderstorms continue today. There will be embedded pockets of heavy rainfall and some instances of flooding are possible. The stronger thunderstorms could also produce gusty winds.

Hazardous Weather

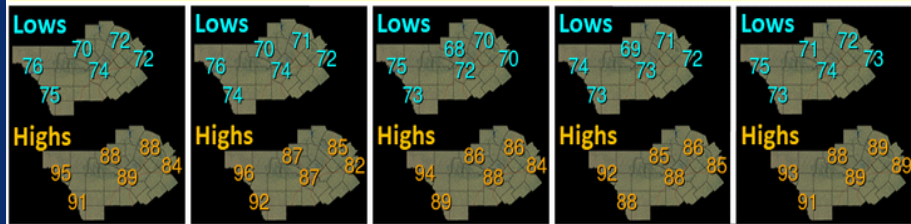
South-Central Texas Planner

Forecast for the Next 5 Days

Weather Forecast Office
Austin/San Antonio, TX
Issued Jul 23 2024 1:56 AM CDT



Rounds of Thunderstorms with Embedded Heavy Rainfall
Isolated to Scattered Flooding Possible



NWSSanAntonio

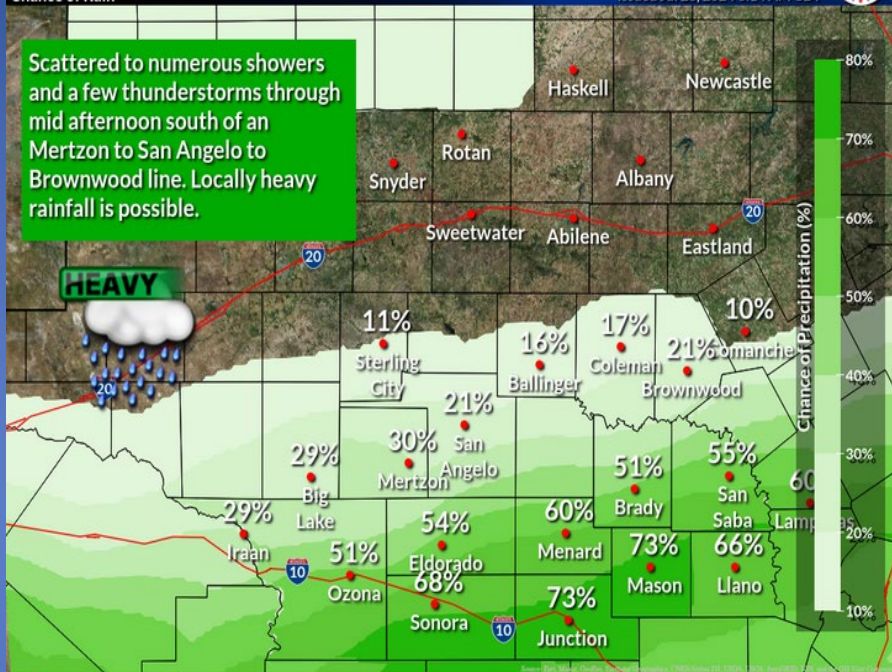
weather.gov/ewx

The combination of a surface front, an upper-level disturbance, and high moisture levels will continue to result in rounds of showers and thunderstorms this week into this weekend. Embedded heavy rainfall and isolated to scattered instances of flooding will be possible. There will also be periods of little or no activity. Temperatures will trend below average with highs only in the 80s most areas with lower to mid 90s across the Rio Grande Plains.

Rain South Today

Chance of Rain

Weather Forecast Office
San Angelo, TX
Issued Jul 23, 2024 3:14 AM CDT



NWSSanAngelo

weather.gov/sjt

Hazardous Weather



Today's Excessive Rainfall Outlook

July 23, 2024
4:43 AM

What to Expect

Showers and thunderstorms with locally heavy rainfall are possible across southern parts of West Central Texas today.

Potential Hazards

Rainfall heavy enough to cause localized flash flooding of streets, creeks, streams, and other low lying areas.

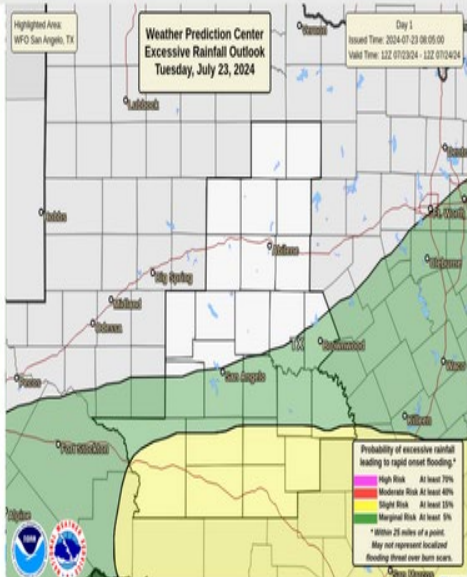
What to Do



Turn Around,
Don't Drown



Never drive onto
roadways covered
in water



National Weather Service
San Angelo, TX

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



Extended Forecast

July 23, 2024
4:36 AM

Wednesday



Morning Lows

Mid 60s to near 70

Afternoon Highs

Upper 80s to mid 90s

Partly Cloudy to Mostly Sunny

Light Winds becoming East 5-10 mph

Isolated mainly afternoon Showers & Thunderstorms south of a Sonora-San Saba line

Minimal Impacts

Thursday



Morning Lows

Mid 60s to near 70

Afternoon Highs

Upper 80s to upper 90s

Partly Cloudy to Mostly Sunny

Light Winds becoming East 6-12 mph

Isolated to Scattered Showers & Storms mainly south of an Ozona-Brownwood line

Minimal Impacts

Friday



Morning Lows

Mid 60s to near 70

Afternoon Highs

Upper 80s to mid 90s

Partly Cloudy to Mostly Sunny

Light Winds becoming Southeast 6-12 mph

Isolated to Scattered Showers & Storms, mainly south of a Mertzon-Cross Plains line

Minimal Impacts

Saturday



Morning Lows

Mid 60s to lower 70s

Afternoon Highs

Mid 80s to mid 90s

Partly Cloudy to Mostly Sunny

South-Southeast Winds 5 to 15 mph

Isolated to Scattered Showers & Storms, mainly south of a Mertzon-Albany line

Minimal Impacts

Sunday



Morning Lows

Upper 60s to lower 70s

Afternoon Highs

Upper 80s to mid 90s

Partly Cloudy to Mostly Sunny

South Winds 8 to 15 mph.

Isolated to Scattered Showers & Storms most areas south of I-20

Minimal Impacts

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

National Weather Service
San Angelo, TX

Hazardous Weather

Rain Chances Continue Through Midweek

Weather Forecast Office
Fort Worth, TX
Issued July 23, 2024 1:41 AM CT

On and off scattered showers and storms will continue through Wednesday with the greatest coverage south of I-20.

Severe weather is not expected.



Today: morning and afternoon

Peak Timing

Wednesday: afternoon

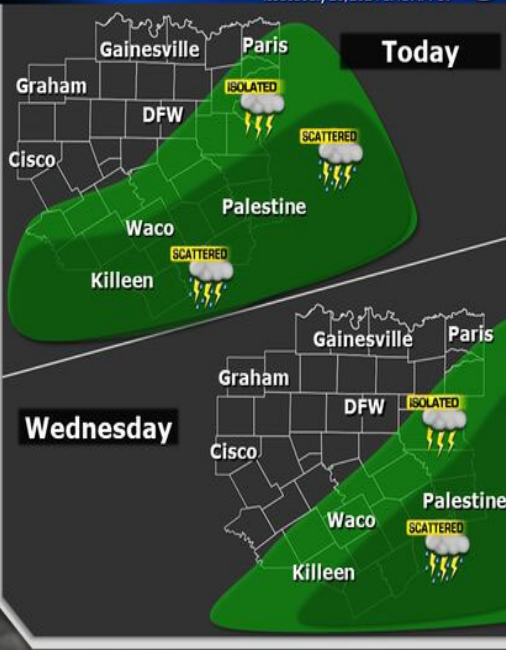


Rain Totals

24 hour rainfall totals through tonight are generally less than 1", though isolated spots could receive up to around 1.5".



Main concerns are lightning and heavy rain that could exacerbate flooding.



NWSFortWorth

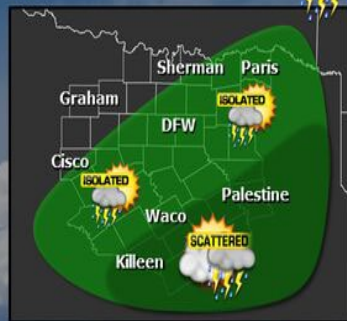
weather.gov/fortworth

Isolated to scattered showers and storms will continue to be possible on and off through Wednesday afternoon. Best chances for precipitation will be during the morning/afternoon hours and across portions of East and Central Texas. Severe weather is not expected with this activity. Lightning and heavy rain that could introduce or exacerbate flooding will be the main concerns.

Unsettled Weather Continues Late Week

Weather Forecast Office
Fort Worth, TX
Issued July 23, 2024 4:45 AM CT

Late Week Pattern



- Daily rain chances will continue into the weekend, with the highest chances across Central Texas.
- Severe weather is unlikely, but multiple rounds of heavy rain may result in flooding.



NWSFortWorth

weather.gov/fortworth

Dallas/Fort Worth and North Texas

Thursday	Friday	Saturday	Sunday
20%	20%	30%	20%
90°	73°	91°	93°
		73°	73°

Waco/Killeen and Central Texas

Thursday	Friday	Saturday	Sunday
50%	40%	40%	30%
87°	70°	87°	92°
		70°	69°

Unsettled weather will continue the remainder of the week and into the weekend with daily rain chances and near or below normal temperatures. The highest rain chances will be across Central and East Texas where multiple rounds of rainfall could result in flooding. Highs will gradually return to the 90s by the end of the weekend and next week.

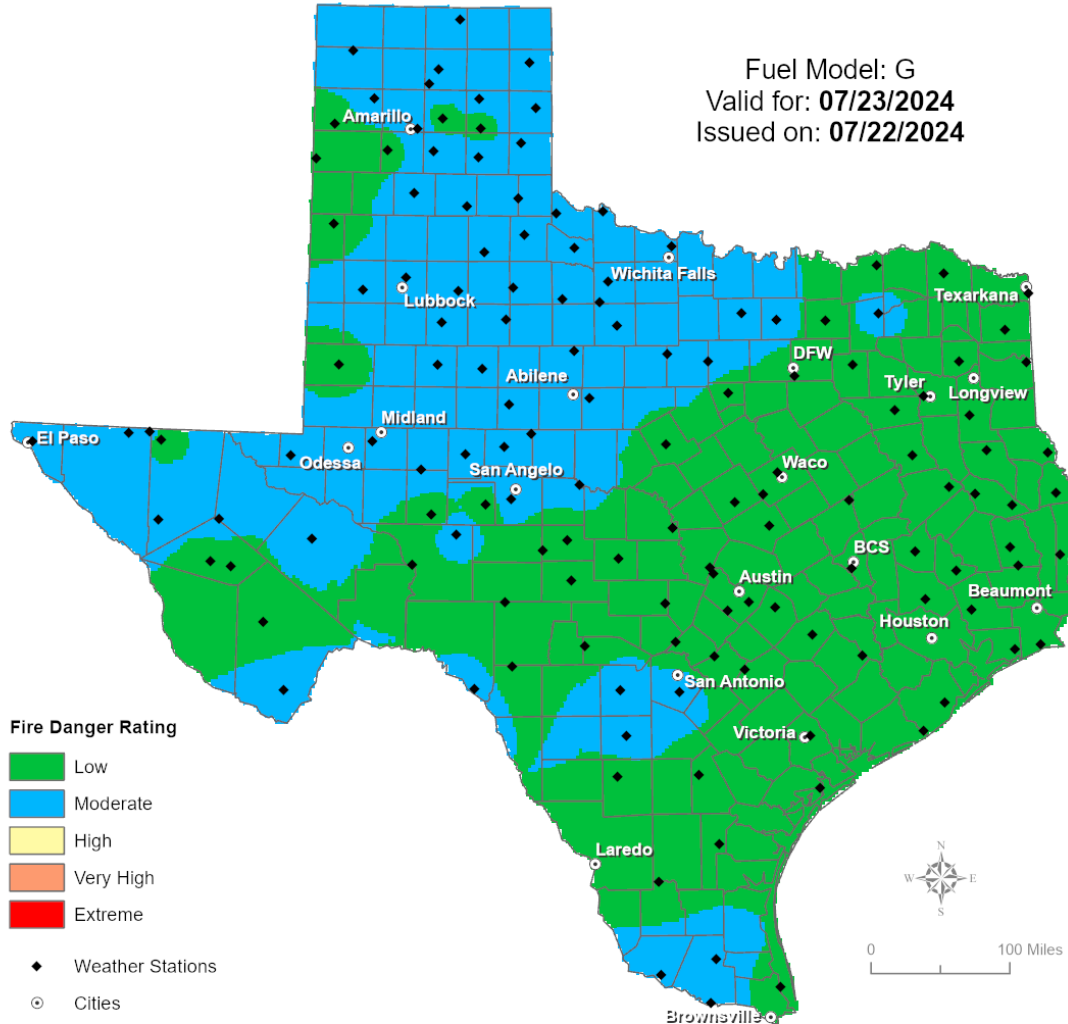
Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
07/22/24	Flood Advisory	Bandera, Bee, Bell, Bexar, Blanco, Brazoria, Burnet, Calhoun, Chambers, Cherokee, Collin, Collinsworth, Comal, Coryell, Crockett, Dallas, Donley, Edwards, Ellis, Falls, Galveston, Gillespie, Grimes, Harris, Henderson, Hill, Hood, Jim Wells, Johnson, Kaufman, Kendall, Kerr, Kimble, Liberty, Limestone, Llano, Madison, Mason, Matagorda, McCulloch, McLennan, Medina, Milam, Montgomery, Navarro, Nueces, Palo Pinto, Parker, Randall, Real, Robertson, Rockwall, San Jacinto, San Patricio, San Saba, Smith, Somervell, Sutton, Travis, Val Verde, Van Zandt and Walker Counties
07/22/24	Flash Flood Warning	Bandera, Bosque, Chambers, Collin, Dallas, Harris, Hill, Liberty, McLennan and Montgomery Counties
07/22/24	Flood Warning	Angelina, Cherokee, Houston, Kimble, Mason, Nacogdoches, Polk, Trinity and Tyler Counties
07/23/24	Flood Advisory	Bandera, Cherokee, Edwards, Gillespie, Kerr, Kimble, Kinney, Mason, Menard, Real, Sutton, Travis and Val Verde Counties
07/23/24	Flash Flood Warning	Edwards, Kerr, Kimble, Real and Val Verde Counties

Fire Danger Forecast

Forecast Fire Danger

Fuel Model: G
Valid for: **07/23/2024**
Issued on: **07/22/2024**



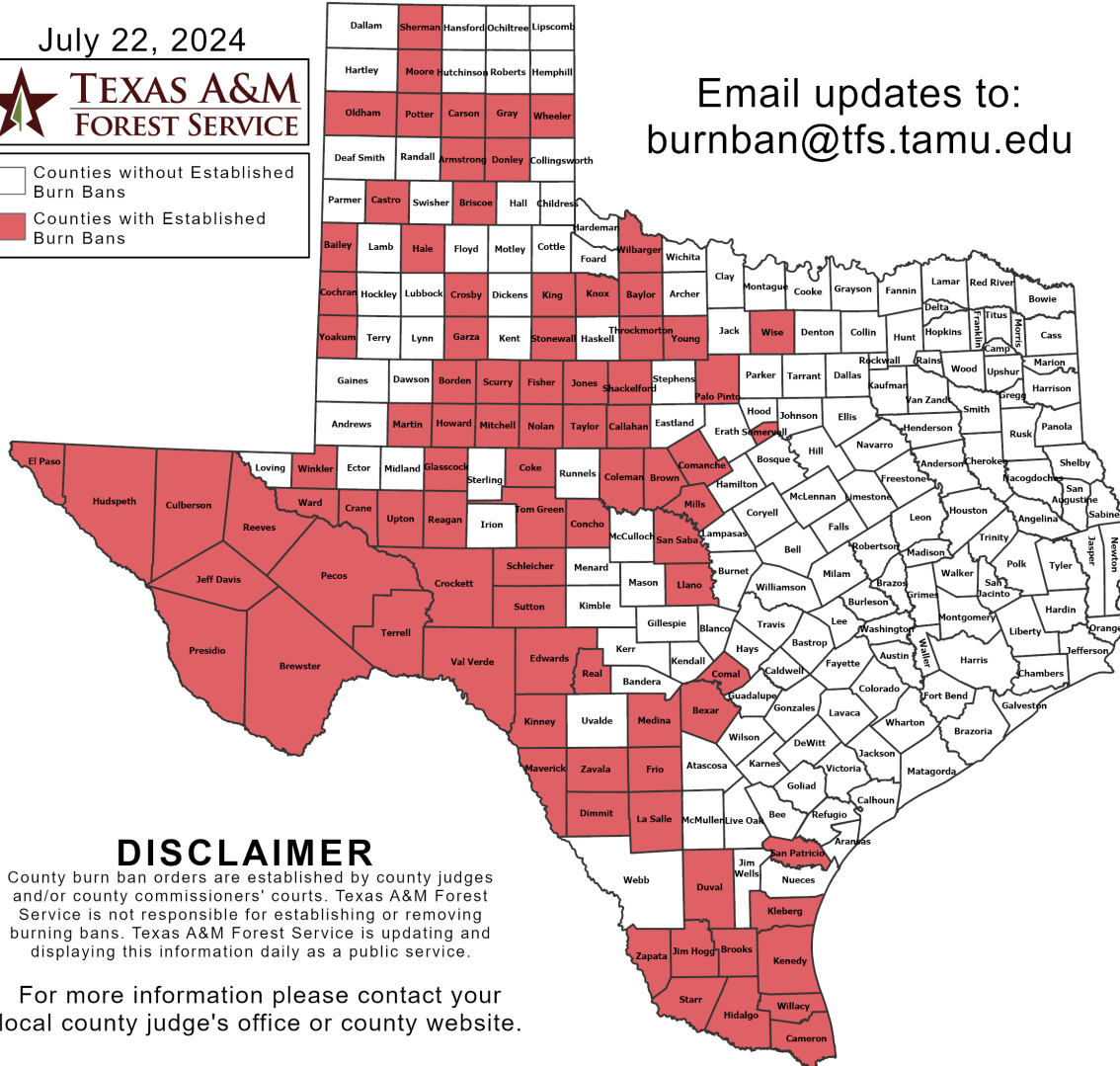
Burn Ban

OUTDOOR BURN BANS

July 22, 2024



Counties without Established Burn Bans
 Counties with Established Burn Bans



Email updates to:
burnban@tfs.tamu.edu

Counties with Burn Bans: 88

- Armstrong
- Bailey
- Baylor
- Bexar
- Borden
- Brewster
- Briscoe
- Brooks
- Brown
- Callahan
- Cameron
- Carson
- Castro
- Cochran
- Coke
- Coleman
- Comal
- Comanche
- Concho
- Crane
- Crockett
- Crosby
- Culberson
- Dimmit
- Donley
- Duval
- Edwards
- El Paso
- Fisher
- Frio
- Garza
- Glasscock
- Gray
- Hale
- Hidalgo
- Howard
- Hudspeth
- Jeff Davis
- Jim Hogg
- Jones
- Kenedy
- King
- Kinney
- Kleberg
- Knox
- La Salle
- Llano
- Martin
- Maverick
- Medina
- Mills
- Mitchell
- Moore
- Nolan
- Oldham
- Palo Pinto
- Pecos
- Potter
- Presidio
- Reagan
- Real
- Reeves
- San Patricio
- San Saba
- Schleicher
- Scurry
- Shackelford
- Sherman
- Somervell
- Starr
- 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.

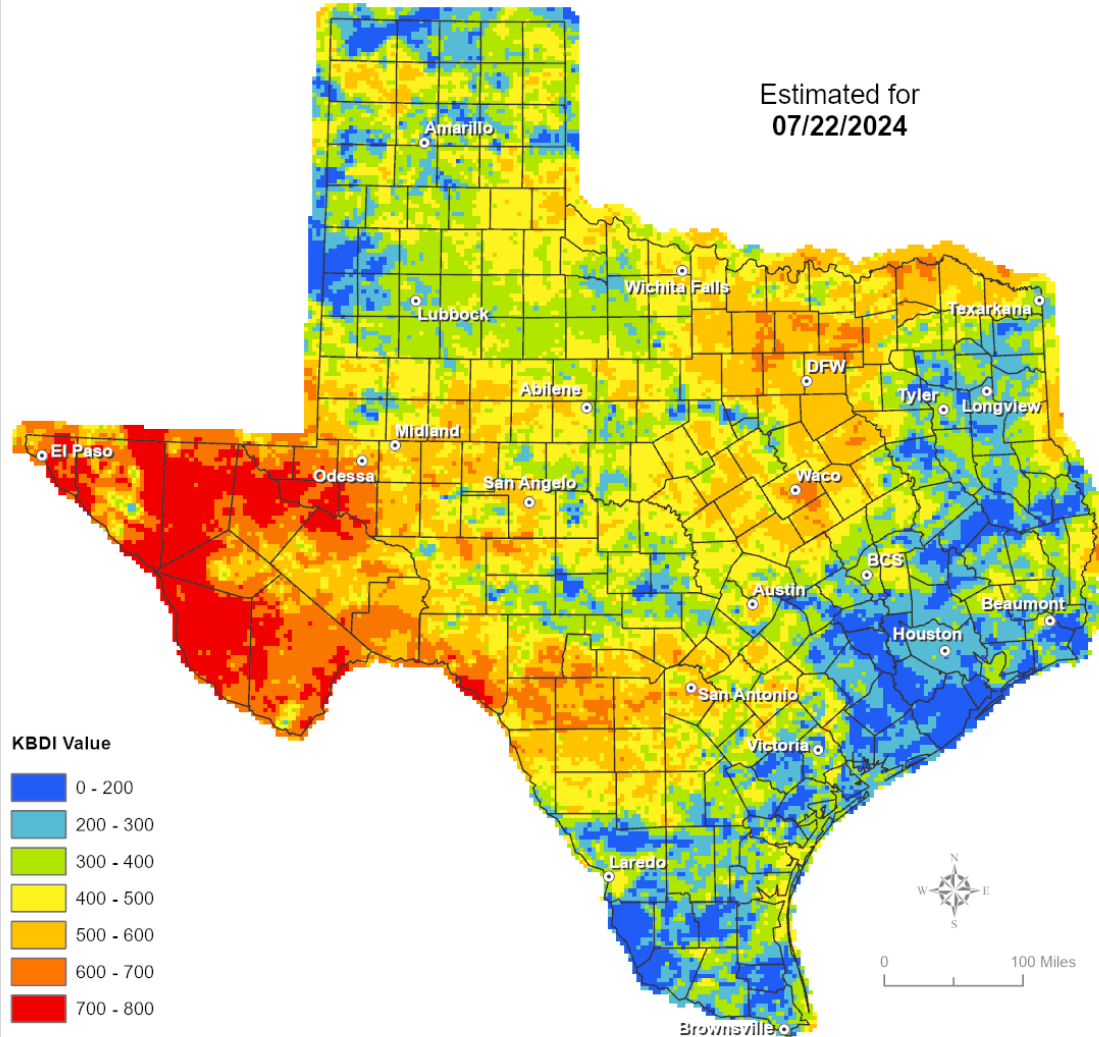
RED FLAG WARNINGS: www.weather.gov
 Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

Keetch-Byram Drought Index

Keetch-Byram Drought Index

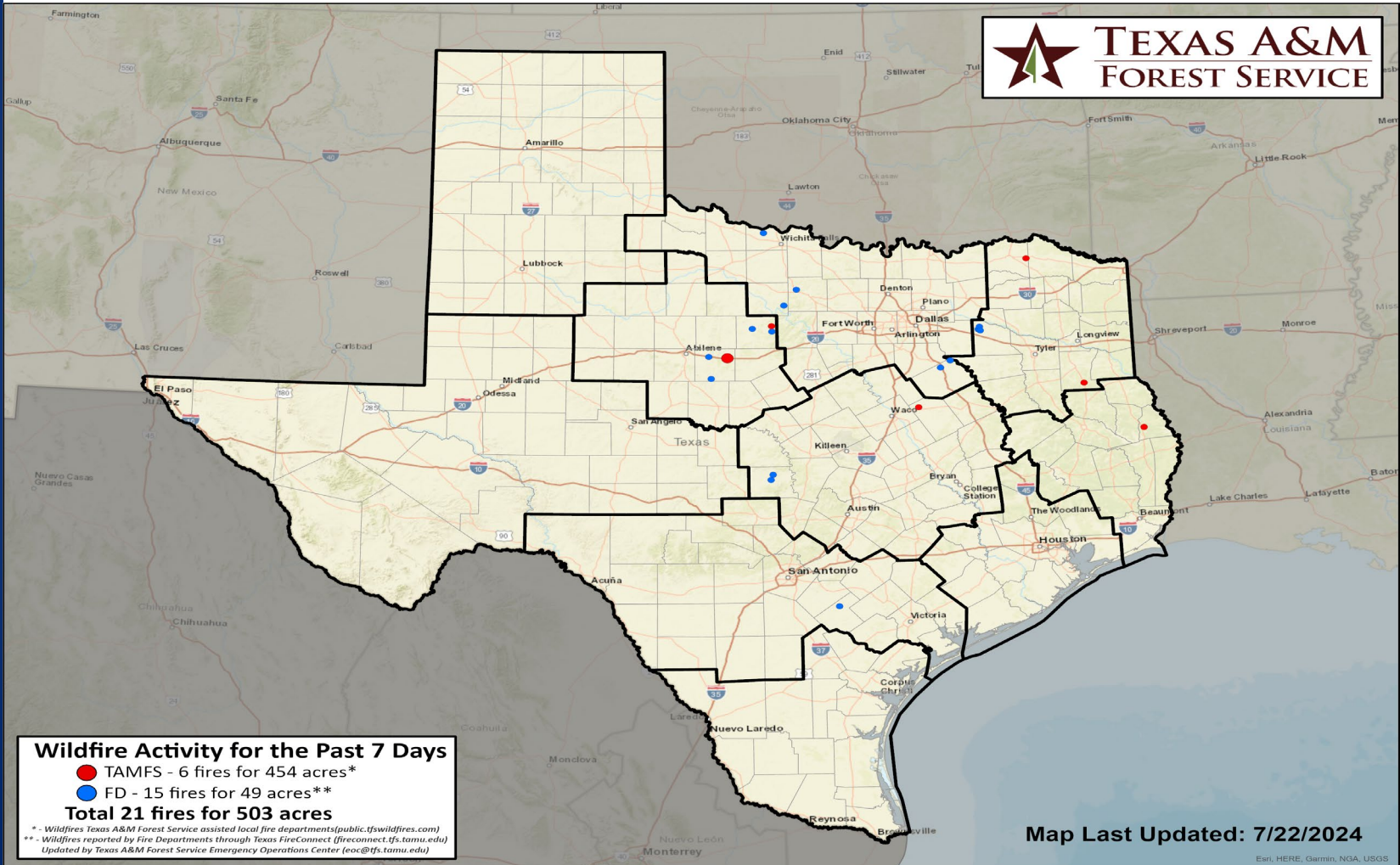
(4 km x 4 km resolution)

Estimated for
07/22/2024



Fire Activity (*Last 24 Hours)

Report of **217 (No Change)** fires and **1,250,635 (No Change)** acres have been burned this year. There are **88 (-1)** counties with burn bans. The Keetch-Byram Drought Index list contains **118 (+8)** counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
07/22/24	07/23/24	Modular Emergency Response Radiological Transportation Training	MERRTT	Pecos
07/23/24	07/23/24	Emergency Operations Center/Incident Command System Interface	E/L/G-191	McAllen

Exercises

DATES		AGENCY/LOCATION	TYPE: EXERCISE NAME
07/23/24	07/23/24	Brazos River Authority	Brazos River Authority EM TTX