

Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief



Saturday, March 16th, 2024
As of 0900 CDT

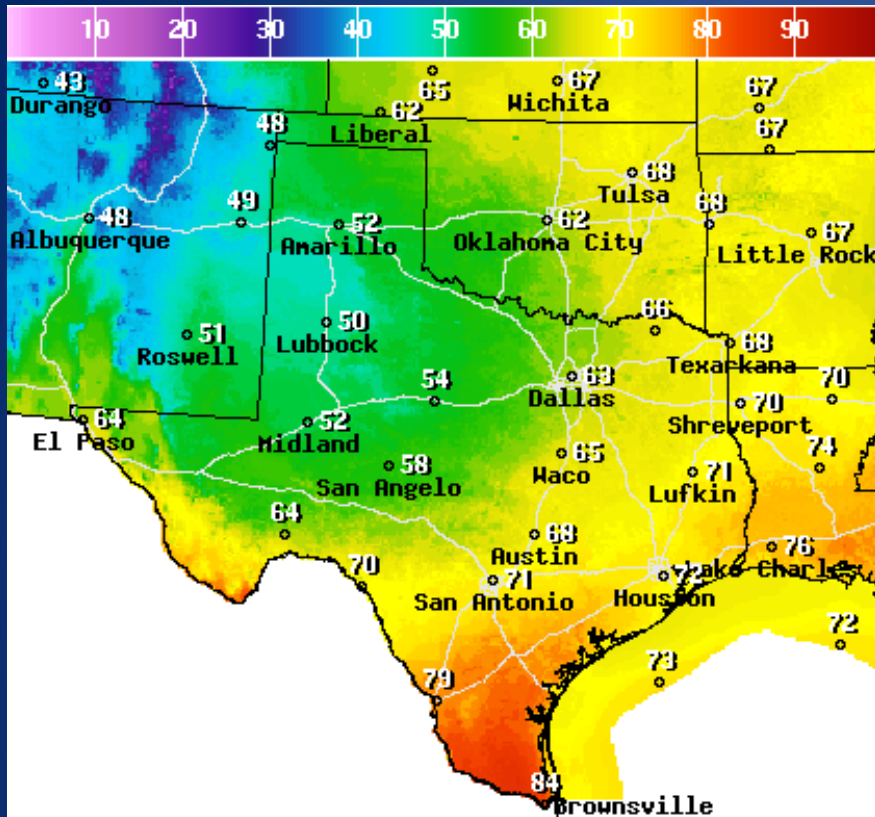
Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION
03/15/24	Update Report #2 of a Natural Gas Leak	DeWitt County

Informational Products Distributed by the State Operations Center

DATE	SUBJECT
03/15/24	NWS Houston/Galveston: Increased Risk of Severe Weather Today
03/15/24	NWS West Gulf RFC: Minor River Flooding Expected - Focus Shifting Southwest
03/15/24	NWS Lake Charles, LA: Decision Support Packet 1230 pm Update
03/15/24	NWS Brownsville: Severe Weather for this Afternoon and Evening
03/15/24	NWS Corpus Christi: Severe Thunderstorm Watch in Effect Through This Evening
03/15/24	NWS El Paso, TX/Santa Teresa, NM: Public Information Statement for Highest Wind Reports
03/16/24	NWS Austin/San Antonio: Active Weather Pattern Continues through Sunday Morning
03/16/24	NWS Corpus Christi: Slight Risk Severe Weather & Flash Flood
03/16/24	NWS Lake Charles, LA: Storms to Develop Late This Afternoon Through Sunday Afternoon
03/16/24	NWS Houston/Galveston: Active Weather Pattern Continues through Sunday
03/16/24	Daily NWS Threat Brief for FEMA Region 6

Weather Forecast



Temperature(F) For Sat Mar 16 2024 5PM EDT
(Sat Mar 16 2024 21Z)

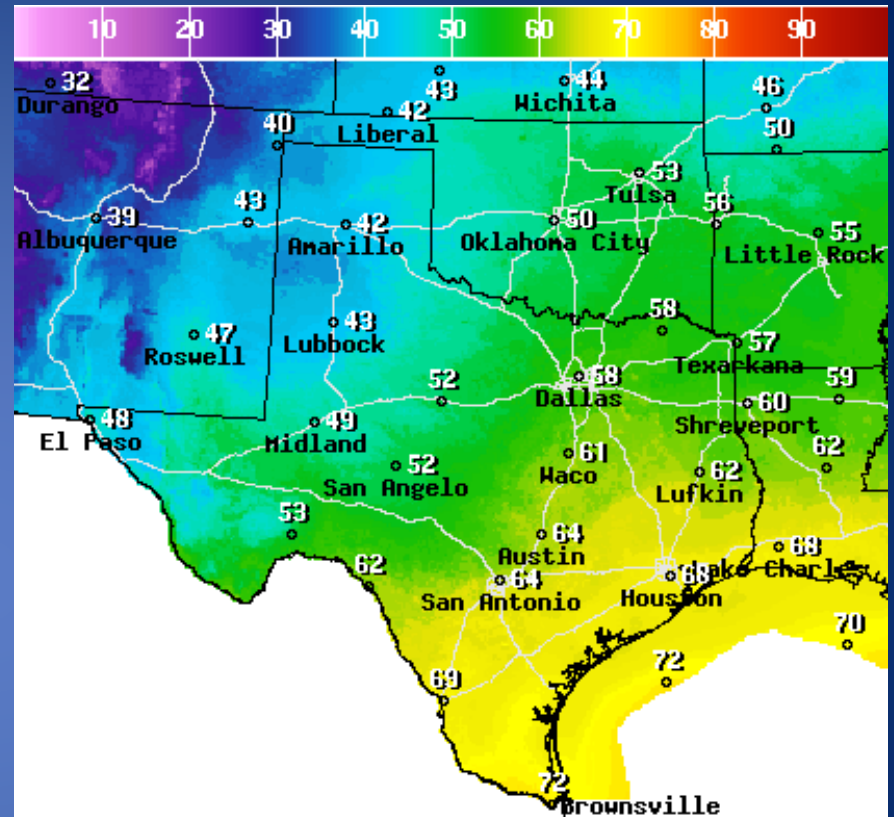


National Digital Forecast Database

11z issuance Graphic created-Mar 16 7:11AM EDT



Highs



Temperature(F) For Sun Mar 17 2024 5AM EDT
(Sun Mar 17 2024 09Z)



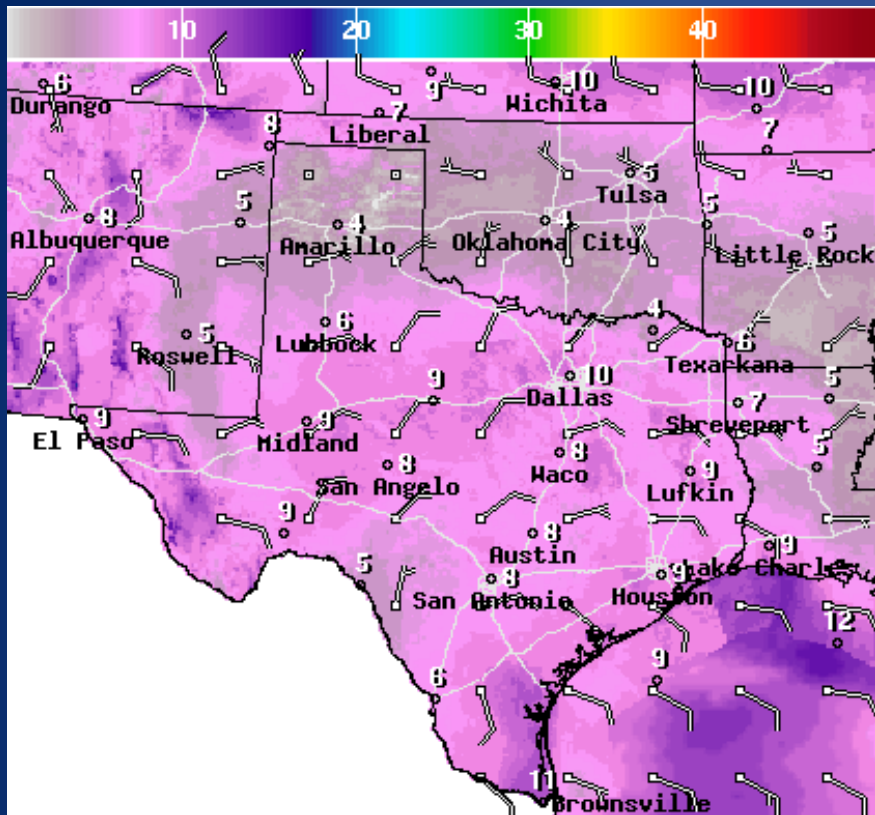
National Digital Forecast Database

11z issuance Graphic created-Mar 16 7:11AM EDT



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Sat Mar 16 2024 5PM EDT
(Sat Mar 16 2024 21Z)

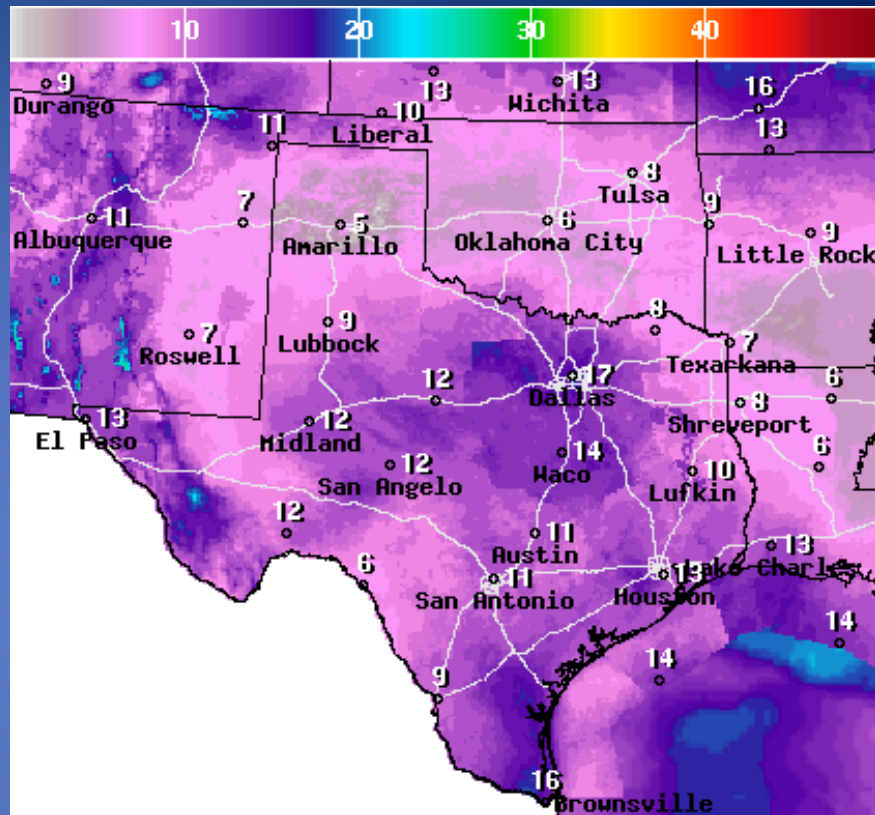


National Digital Forecast Database

11z issuance Graphic created-Mar 16 7:15AM EDT



Wind Speeds



Wind Gust(Kts) Sat Mar 16 2024 5PM EDT
(Sat Mar 16 2024 21Z)



National Digital Forecast Database

11z issuance Graphic created-Mar 16 7:18AM EDT



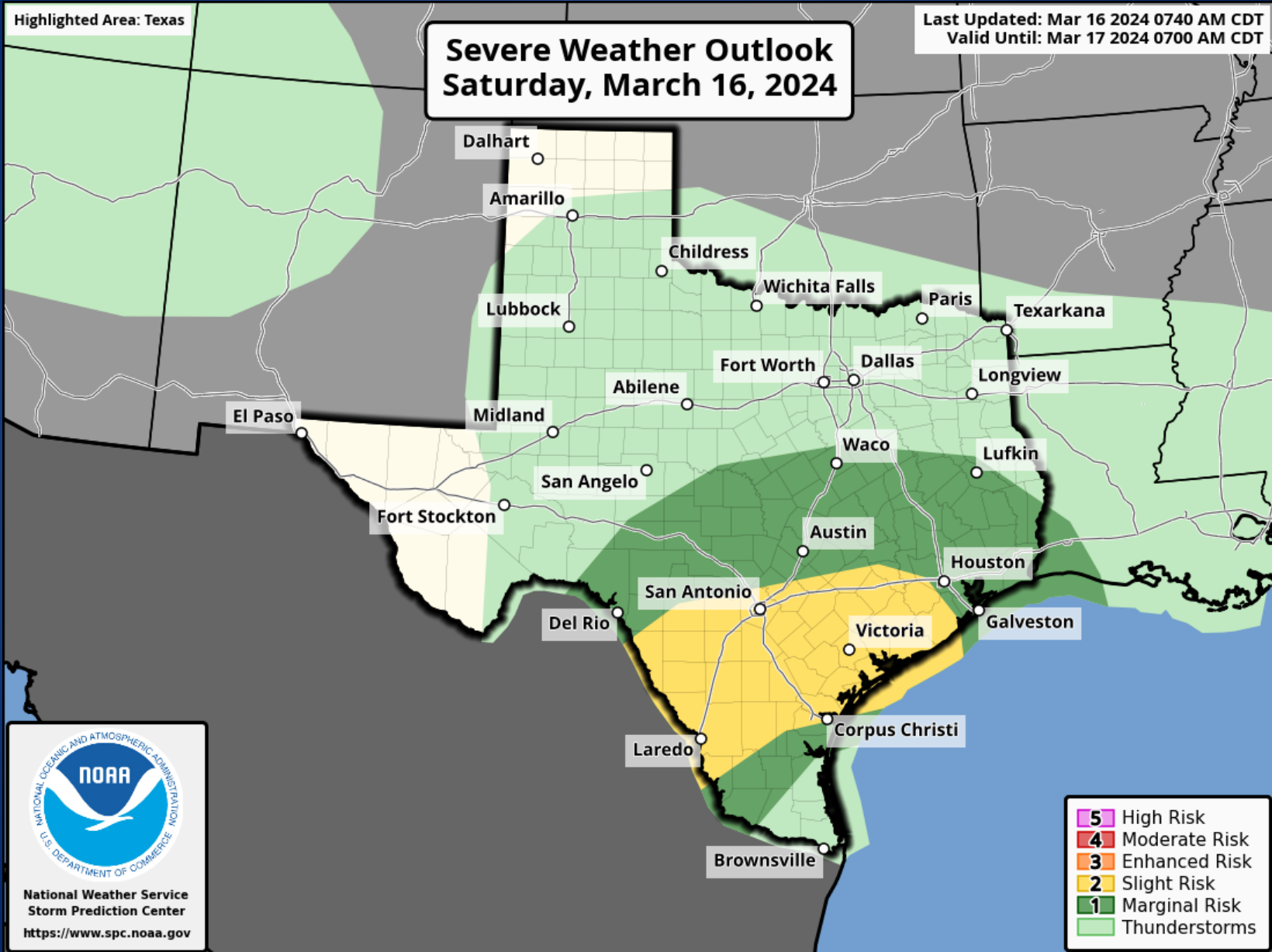
Gusts

Hazardous Weather

Highlighted Area: Texas

Last Updated: Mar 16 2024 0740 AM CDT
Valid Until: Mar 17 2024 0700 AM CDT

Severe Weather Outlook Saturday, March 16, 2024



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
U.S. DEPARTMENT OF COMMERCE

National Weather Service
Storm Prediction Center
<https://www.spc.noaa.gov>

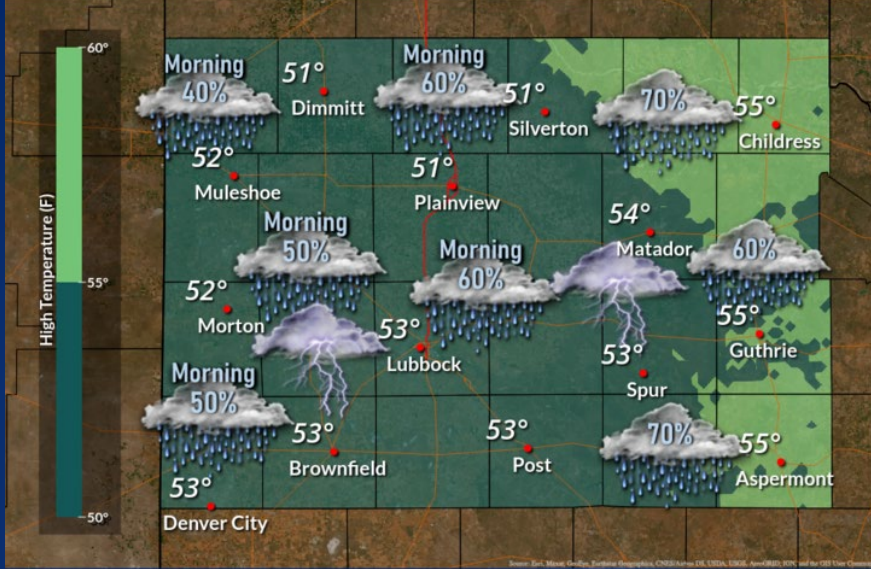
5	High Risk
4	Moderate Risk
3	Enhanced Risk
2	Slight Risk
1	Marginal Risk
	Thunderstorms

Hazardous Weather

Today: Cool and Rainy

Another round of rain and thunderstorms today

Weather Forecast Office
Lubbock, TX
Issued Mar 16, 2024 3:44 AM CDT



NWSLubbock

weather.gov/lub

Today will be cool again with high temperatures in the 50s with another chance of widespread rain beginning in the early morning hours. Some isolated thunderstorms are possible with this activity but no severe weather is expected.

Weekend Storm Chances

Locally heavy rainfall 0.5"-1.5" w/isolated 2"-3" eastern Central Texas

Weather Forecast Office
Fort Worth, TX
Issued March 16, 2024 5:32 AM CT

Weekend Rundown

- A couple of upper disturbances **bring storm chances & locally heavy rainfall** to the region
- Rain areawide today w/a few storms. Best rain chances shift into Central & East Texas by Sunday
- A few storms may become **strong-severe** with **large hail and gusty winds**
- A cold front arrives Sunday with blustery N winds

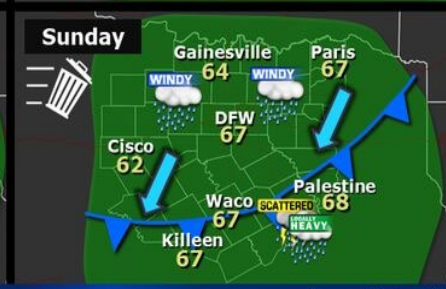
Today



Tonight



Sunday



NWSFortWorth

weather.gov/fortworth

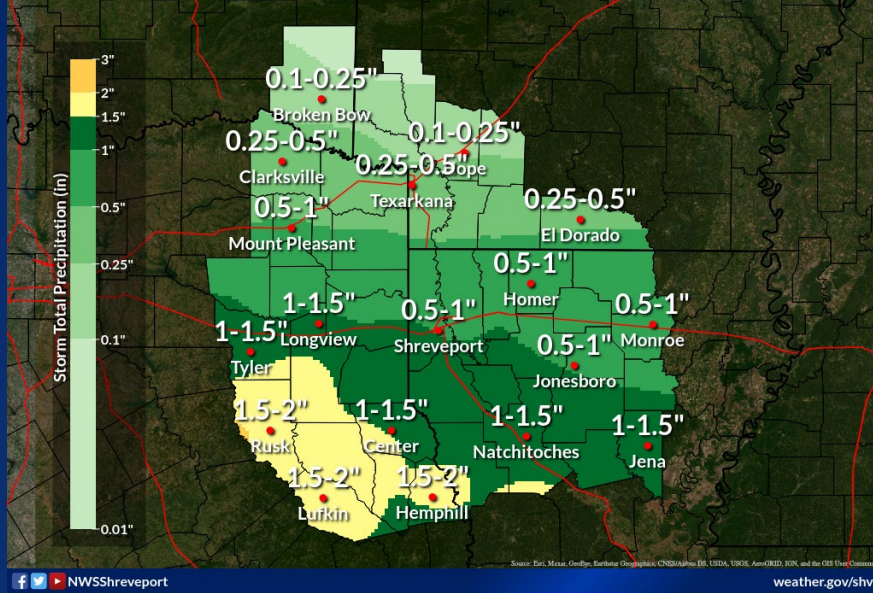
Additional thunderstorms chances will occur over the weekend associated with a couple of upper-level disturbances. Severe weather should mostly stay confined well into Central Texas and to the Texas Coast and South Texas. There may still be strong storms with gusty winds and hail. A cold front arrives early Sunday, maintaining the near seasonal temperatures with brisk northerly winds 10 to 20 mph. Highs in the 60s both days with a low Sunday morning in the 50s. In addition, patchy light fog is anticipated primarily across Central Texas both days.

Hazardous Weather

Additional Rainfall Amounts

Valid 12 PM Today through 7 PM CDT Sunday

Weather Forecast Office
Shreveport, LA
Issued Mar 16, 2024 6:55 AM CDT



NWSShreveport

weather.gov/shv

With showers and a few embedded thunderstorms increasing this afternoon and evening across the region, additional rainfall amounts of 1-2+ inches are expected generally along and south of the Interstate 20 corridor in East Texas and North Louisiana. Lighter rainfall amounts are expected farther north across extreme Northeast Texas, Southeast Oklahoma, and Southwest Arkansas.



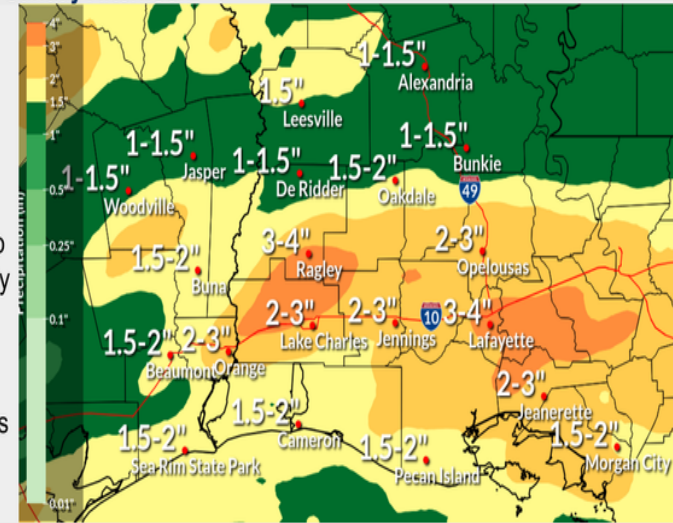
Forecast Precipitation Totals

March 16, 2024
5:51 AM

Today - Sunday Afternoon

Two to four inches of rainfall is expected this afternoon through Sunday afternoon. This is in addition to rain that has already fallen.

Precipitation will likely occur in bursts and could lead to street flooding.

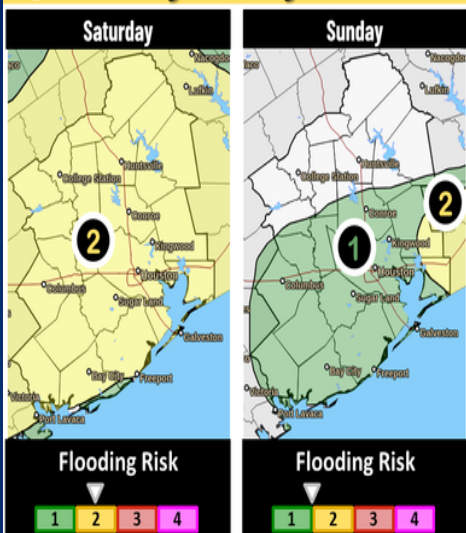


National Oceanic and Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Lake Charles, LA

Hazardous Weather

Locally Heavy Rain Possible This Weekend



Saturday

Sunday

WHAT

- Periods of showers and thunderstorms are expected across SE TX this weekend. Locally heavy rainfall is possible.
- The greatest rainfall totals are expected to focus along a cold front, which will push southward over the course of the weekend.
- Rainfall totals of 1 to 3 inches are expected through the remainder of the weekend with some isolated higher amounts possible.

WHEN

- The flooding threat will be greatest during the evening and overnight hours of Saturday.
- Rainfall comes to an end Sunday evening.

IMPACTS

- Heavy rain may bring localized street flooding.
- Runoff may cause rises on area rivers, creeks and streams.

ACTIONS

- Have multiple ways to obtain warnings.
- Stay tuned to the forecast.

Flooding Risk

1 2 3 4

Flooding Risk

1 2 3 4

NATIONAL WEATHER SERVICE
Houston/Silverton, TX

ISSUED: 5:52 AM • Saturday, March 16, 2024

Over the weekend, periods of showers and thunderstorms are expected to move through the area along the boundary of a stalled cold front. Localized flooding may be possible, especially in/near/around low-lying and poor drainage areas.

Scattered SEVERE THUNDERSTORMS

Highest Local Risk

2

TIMING

SAT 7am to SUN 7am

PRIMARY THREATS

LARGE HAIL

SECONDARY THREATS

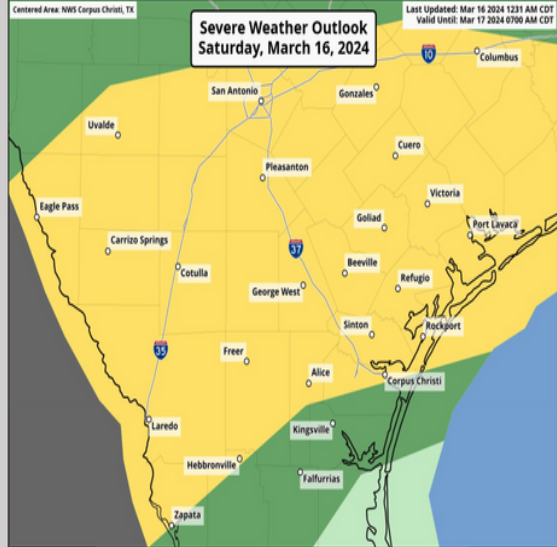
DAMAGING WIND

TORNADOES

Centered Area: NWS Corpus Christi, TX

Severe Weather Outlook
Saturday, March 16, 2024

Last Updated: Mar 16 2024 12:31 AM CDT
Valid Until: Mar 17 2024 07:00 AM CDT



Updated: 3:22 AM Saturday, March 16, 2024

NATIONAL WEATHER SERVICE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Corpus Christi, TX

Conditions will be favorable for the development of strong to severe thunderstorms across the area this evening through early Sunday morning. While scattered storms may linger this morning, the main concern for severe storms and heavy rain will be this evening through early tomorrow morning. Large hail and heavy rain are the primary threats with this activity, though damaging winds will also be possible.

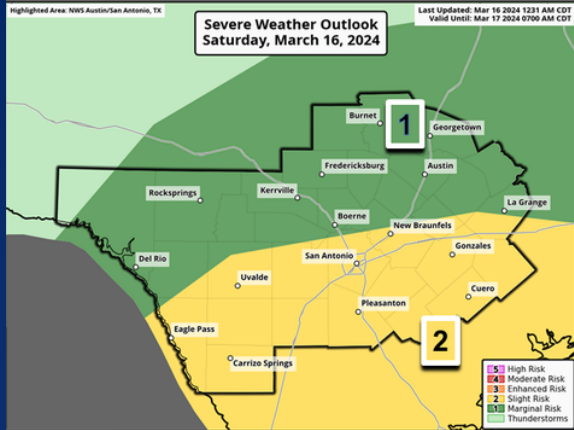
Hazardous Weather

Showers and storms today/tonight. A few may be severe.

Multiple rounds of scattered storms.

Weather Forecast Office
Austin/San Antonio

Issued March 16, 2024 2:15 AM CDT



Threats



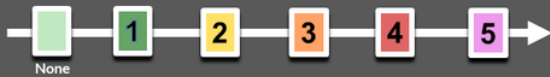
Timing

Multiple rounds of showers and storms today and tonight

What to Do?



Severe Thunderstorm Risk



NWSSanAntonio

weather.gov/ewx

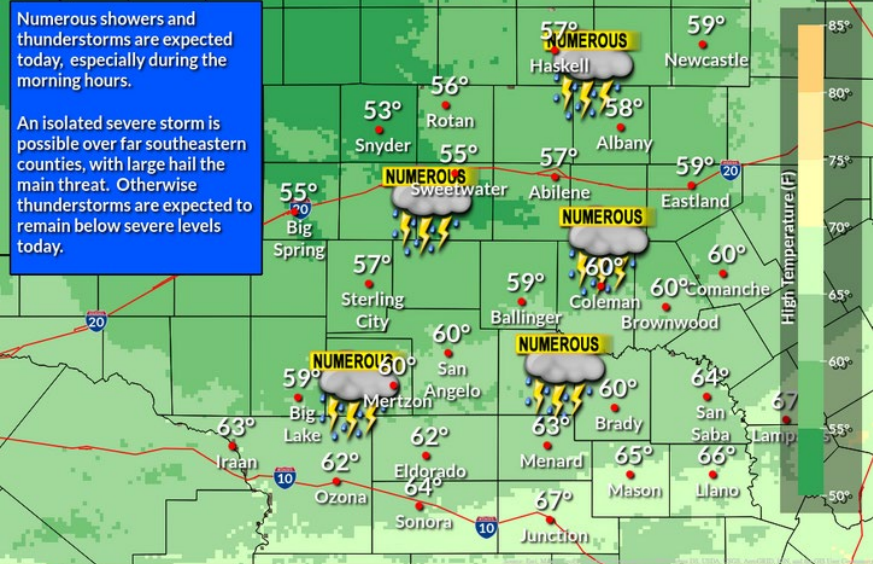
Multiple rounds of showers and storms are expected today and tonight. There is a level 1-2 out of 5 risk for a couple of severe storms. The severe threat increases as you head south, closer to yesterday's frontal boundary which has stalled between here and the coast. Large to very large hail and damaging wind gusts are the main severe threats, along with pockets of locally heavy rainfall.

Cool and Wet Today

High Temperatures

Weather Forecast Office
San Angelo, TX

Issued Mar 16, 2024 5:32 AM CDT



NWSSan Angelo

weather.gov/sjt

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
03/15/24	Severe Thunderstorm Warning	Austin, Bexar, Brazoria, Chambers, Colorado, Edwards, Fayette, Fort Bend, Galveston, Gonzales, Guadalupe, Hardin, Harris, Jasper, Jefferson, Jim Hogg, Kimble, Kinney, La Salle, Lavaca, Liberty, Llano, Mason, Maverick, McCulloch, McMullen, Menard, Mills, Newton, Orange, San Saba, Sutton, Uvalde, Val Verde, Waller, Washington, Webb, Wharton, Wilson, and Zapata Counties
03/15/24	Flood Advisory	Austin, Colorado, Fort Bend, Harris, Kinney, Waller, and Wharton Counties
03/15/24	Flood Warning	Angelina, Cass, Cherokee, Franklin, Marion, Morris, Nacogdoches, Titus, and Red River Counties
03/15/24	Flash Flood Warning	Hardin County
03/16/24	Severe Thunderstorm Warning	Atascosa, Austin, Brazoria, Brooks, Cameron, Colorado, Fort Bend, Frio, Galveston, Jim Hogg, Kenedy, Starr, Wharton, Willacy, and Zapata Counties
03/16/24	Flood Advisory	Brooks, Jim Hogg, and Zapata Counties

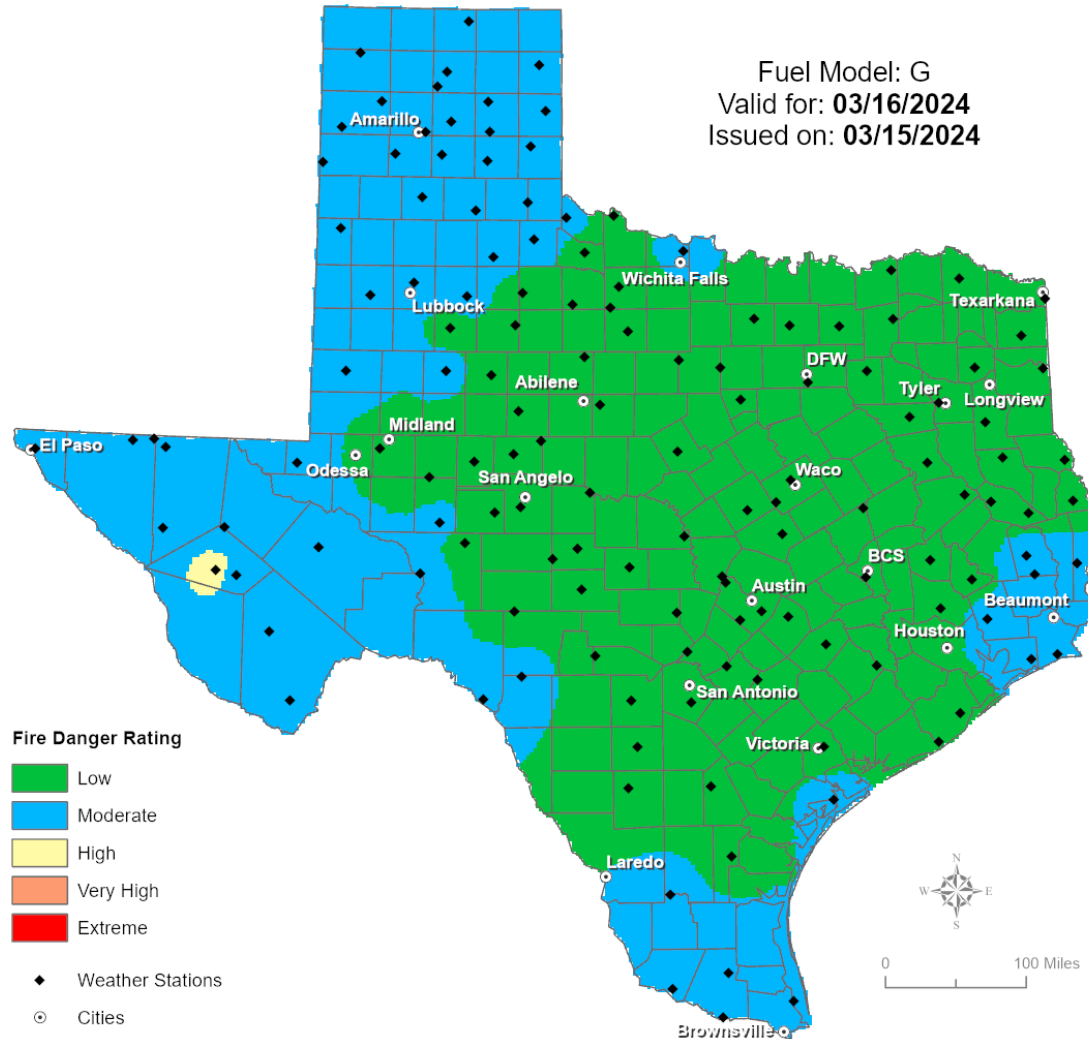
Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
03/16/24	High Wind Warning	Kleberg, Nueces, and San Patricio Counties

Fire Danger Forecast

Forecast Fire Danger

Fuel Model: G
Valid for: **03/16/2024**
Issued on: **03/15/2024**

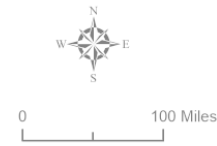


Fire Danger Rating



◆ Weather Stations

○ Cities



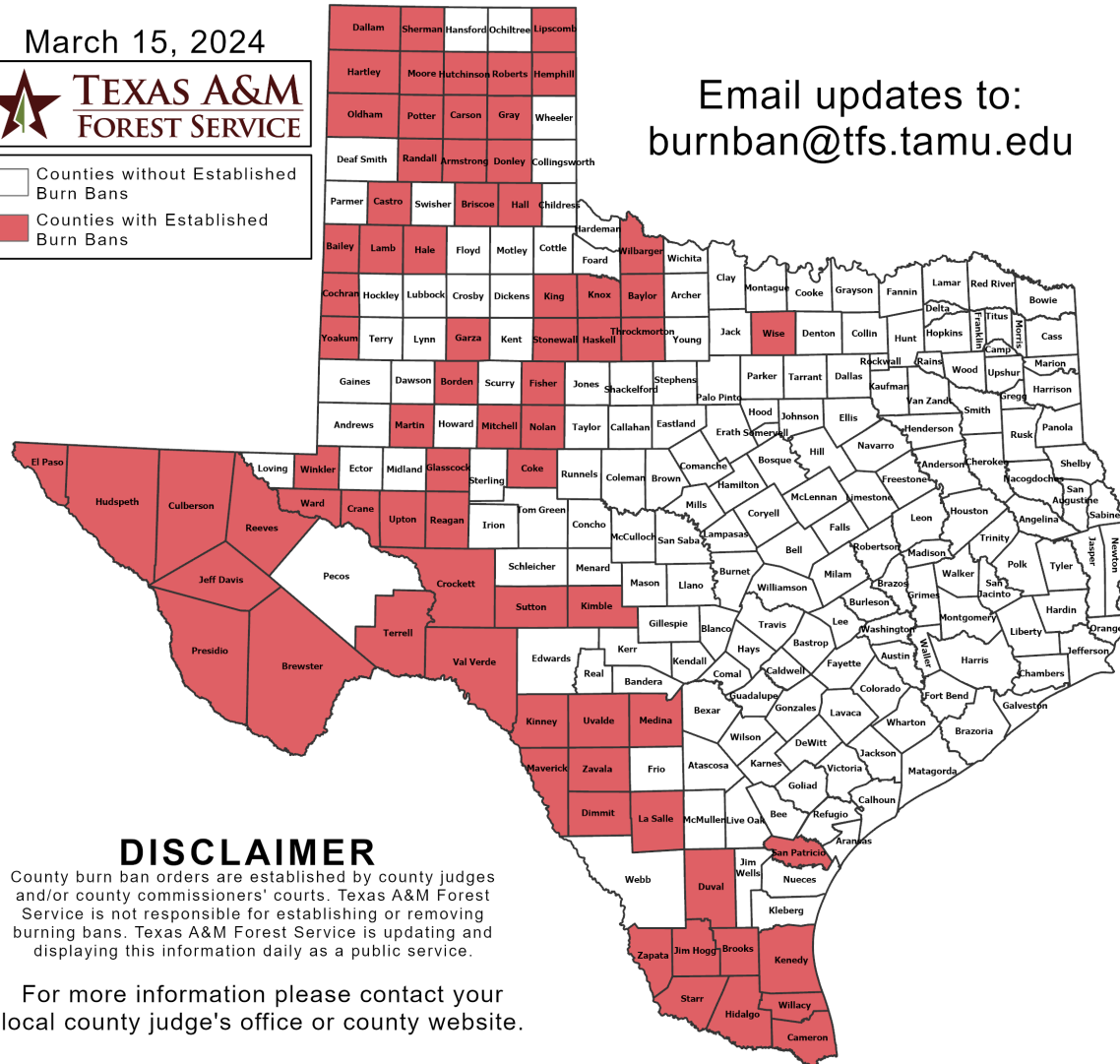
Burn Ban

OUTDOOR BURN BANS

March 15, 2024



Counties without Established Burn Bans
 Counties with Established Burn Bans



Email updates to:
burnban@tfs.tamu.edu

Counties with Burn Bans: 73

- Armstrong
- Bailey
- Baylor
- Borden
- Brewster
- Briscoe
- Brooks
- Cameron
- Carson
- Castro
- Cochran
- Coke
- Crane
- Crockett
- Culberson
- Dallam
- Dimmit
- Donley
- Duval
- El Paso
- Fisher
- Garza
- Glasscock
- Gray
- Hale
- Hall
- Hartley
- Haskell
- Hemphill
- Hidalgo
- Hudspeth
- Hutchinson
- Jeff Davis
- Jim Hogg
- Kenedy
- Kimble
- King
- Kinney
- Knox
- Lamb
- La Salle
- Lipscomb
- Martin
- Maverick
- Medina
- Mitchell
- Moore
- Nolan
- Oldham
- Potter
- Presidio
- Randall
- Reagan
- Reeves
- Roberts
- San Patricio
- Sherman
- Starr
- Stonewall
- Sutton
- Terrell
- Throckmorton
- Upton
- Uvalde
- Val Verde
- Ward
- Wilbarger
- Willacy
- Winkler
- Wise
- Yoakum
- 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.

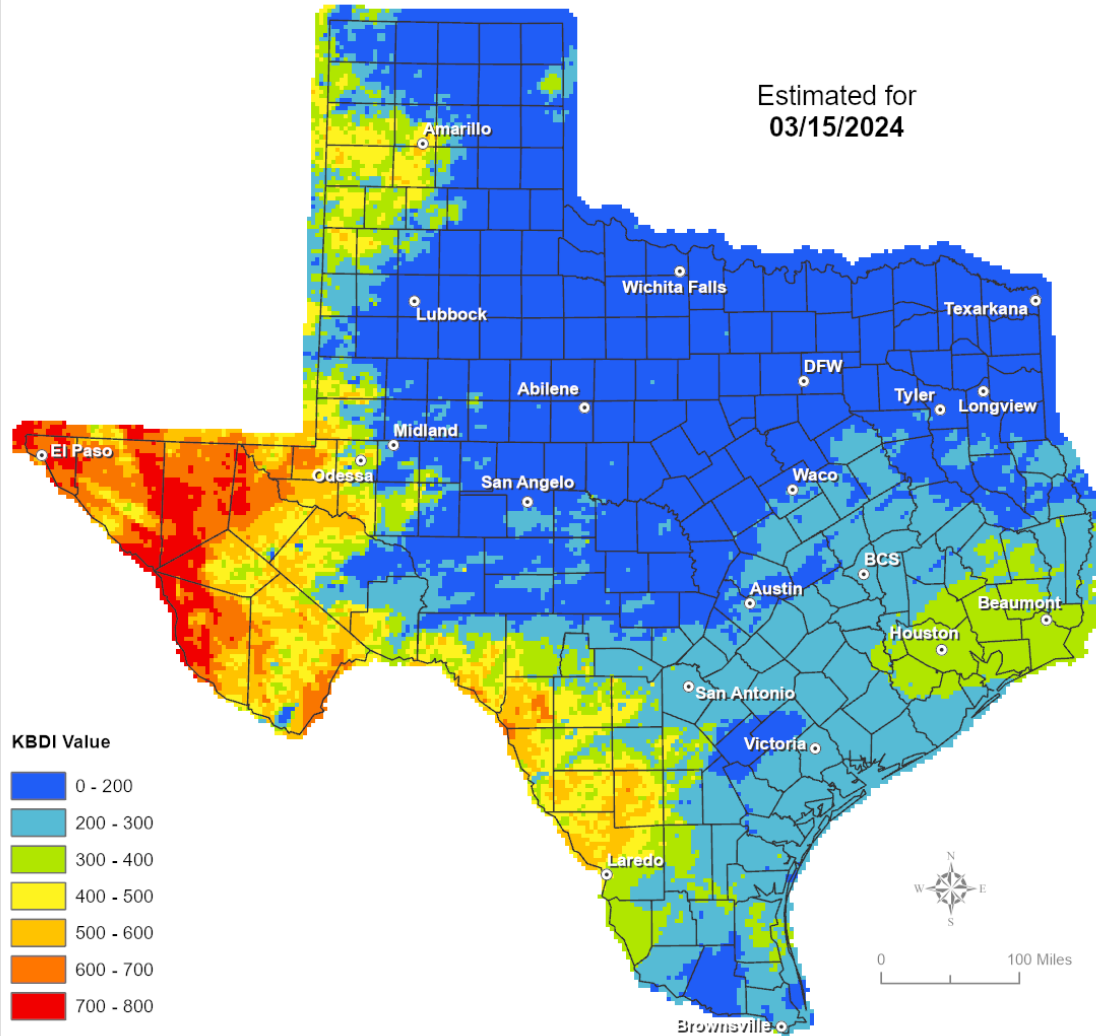
RED FLAG WARNINGS: www.weather.gov
 Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

Keetch-Byram Drought Index

Keetch-Byram Drought Index

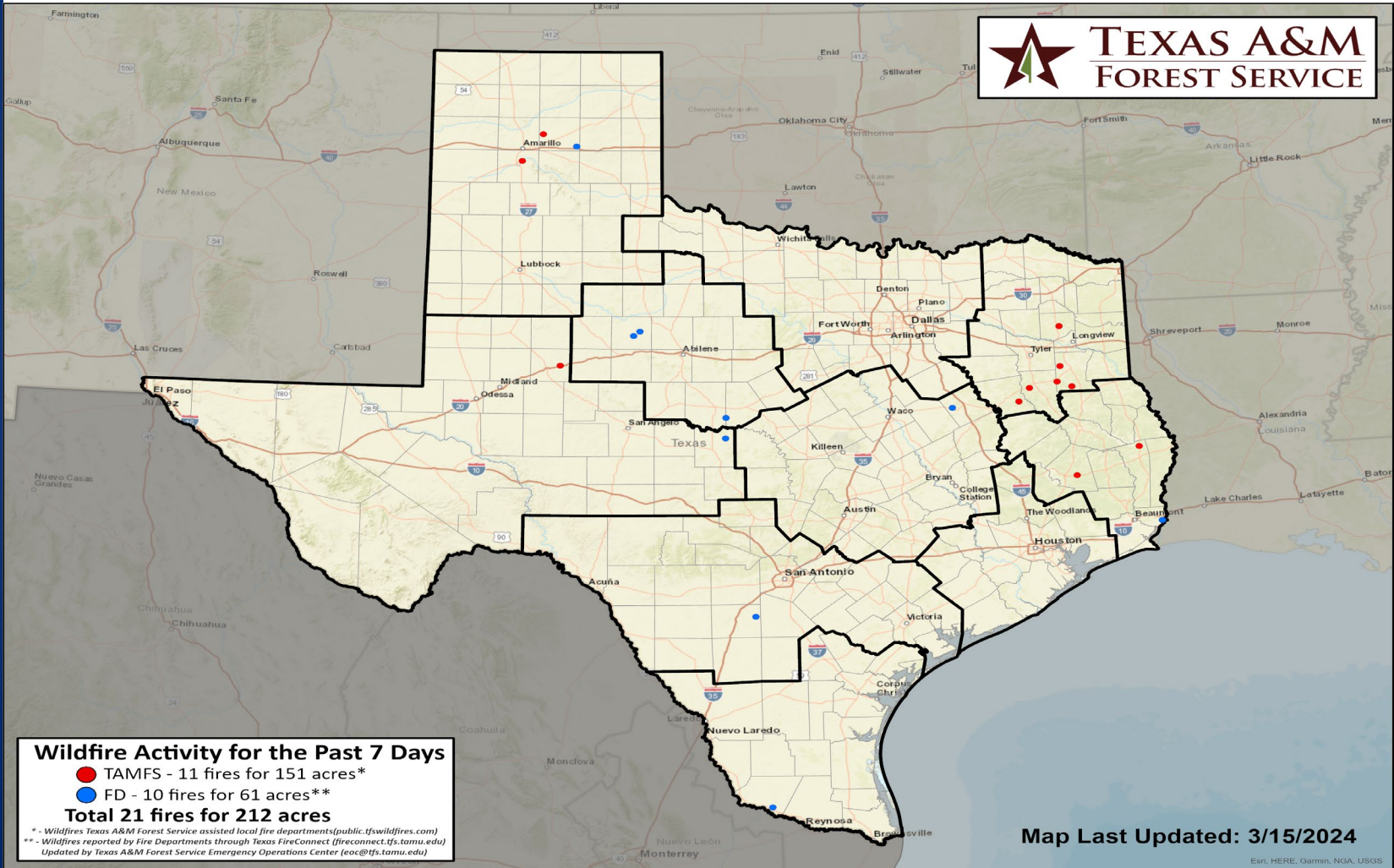
(4 km x 4 km resolution)

Estimated for
03/15/2024



Fire Activity (*Last 24 Hours)

Report of 153 (No Change) fires and 1,251,797 (No Change) acres have been burned this year. There are 73 (No Change) counties with burn bans. The Keetch-Byram Drought Index list contains 17 (No Change) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
03/16/24	03/17/24	HazMat First Responder Operations	H-200	Brenham

Statewide Significant Events

DATES		LOCATION	EVENT
03/03/24	03/17/24	Houston	Houston Livestock Show and Rodeo
03/08/24	03/17/24	Austin	SXSW Festival
03/16/24	03/16/24	Dallas	Greenville St. Patrick's Day Events (run, parade, concert, block party)
03/16/24	03/16/24	Houston	XFL Houston Roughnecks Vs. DC Defenders
03/16/24	03/16/24	Houston	St. Patrick's Day Parade (Houston)