

Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief



Saturday, May 25th, 2024
As of 0900 CDT

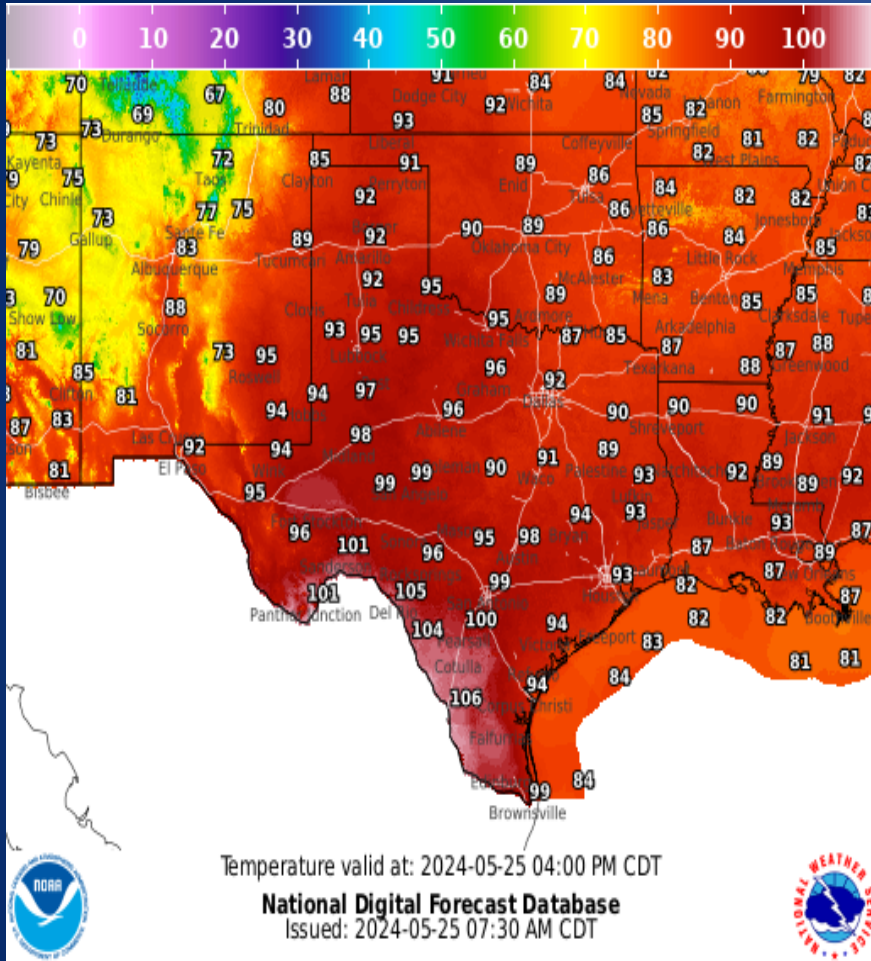
Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION
05/24/24	Final Report of a Water Outage	Hidalgo County
05/24/24	Initial Report of a Boil Water Notice	Garza County
05/24/24	PLB Mission # 24I5330 has been Opened	Cameron County
05/24/24	PLB Mission # 24I5330 has been CLOSED	Cameron County
05/24/24	Initial Report of a Water Outage in the city of La Joya	Hidalgo County
05/24/24	Final Report of a Water Outage in the city of La Joya	Hidalgo County
05/25/24	Final Report of the Natural Gas Leak and Evacuation	Gregg County

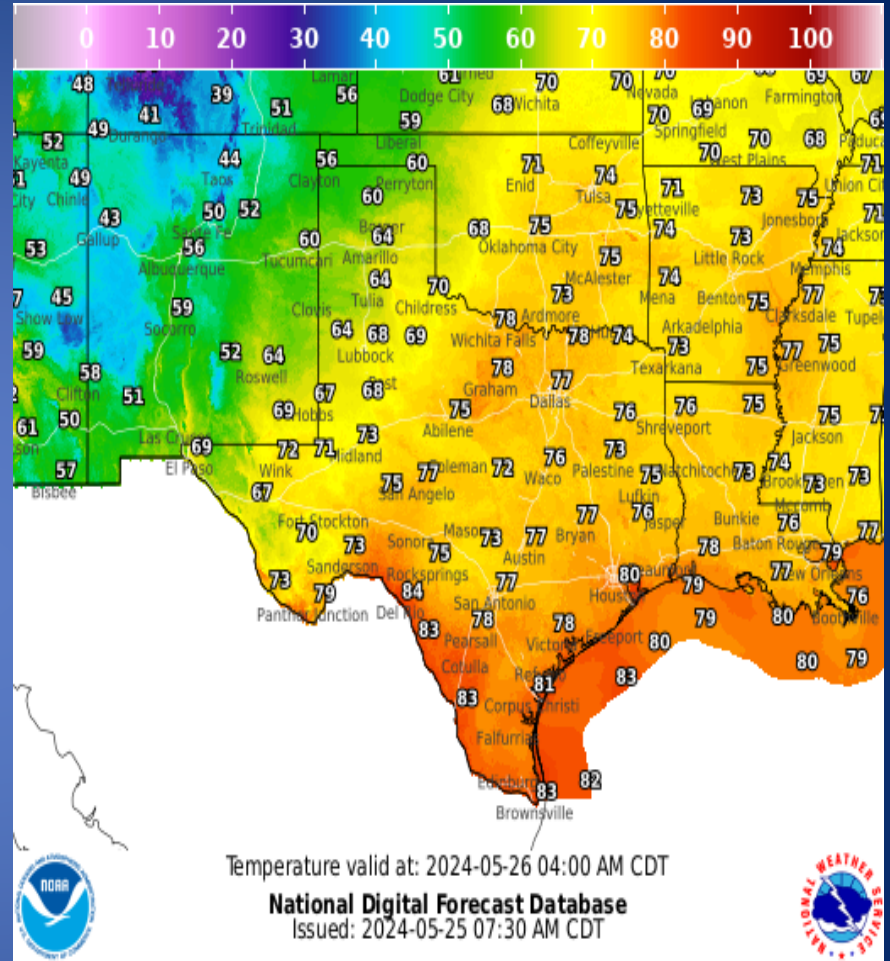
Informational Products Distributed by the State Operations Center

DATE	SUBJECT
05/24/24	NWS Brownsville: Holiday Weekend Hazards - Dangerous Heat & Life-Threatening Currents
05/24/24	NWS Fort Worth: Severe Weather Potential Today and Tomorrow
05/24/24	NWS San Angelo: Public Information Statement - Storm Surveys for Concho and McCulloch Counties
05/24/24	NWS Lake Charles, LA: Decision Support Packet
05/24/24	Texas A&M Forest Service: Texas Fire Potential Update
05/24/24	NWS San Angelo: Public Information Statement Damage Survey for Sterling and Tom Green Counties
05/24/24	NWS Houston/Galveston: Elevated Heat Risk for Memorial Day Weekend
05/24/24	NWS Corpus Christi: Dangerous Heat Continues through Saturday Coastal Flood Advisory Updated 9PM
05/24/24	NWS Austin/San Antonio: Situation Report: Severe Thunderstorm Watch Northeastern Counties
05/25/24	NWS Austin/San Antonio: Situation Report: Dangerously Hot Holiday Weekend
05/25/24	NWS Corpus Christi: Excessive Heat Warning & Coastal Flood Advisory
05/25/24	Daily NWS Threat Brief for FEMA Region 6

Weather Forecast

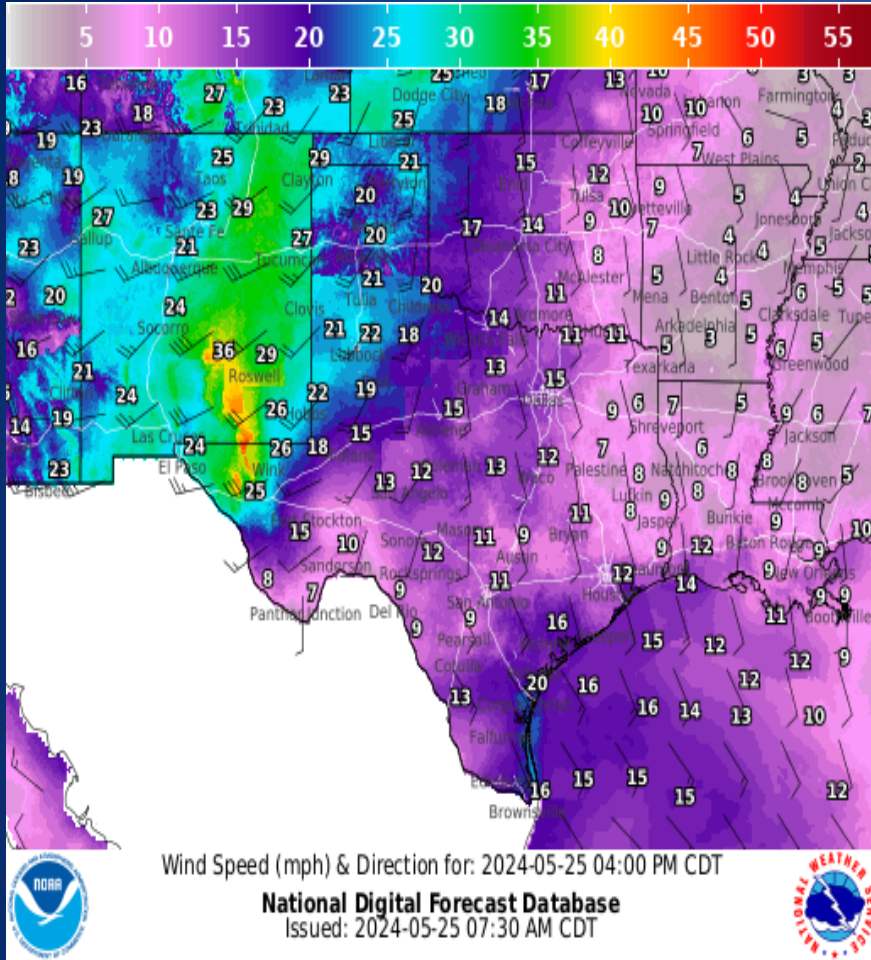


Highs

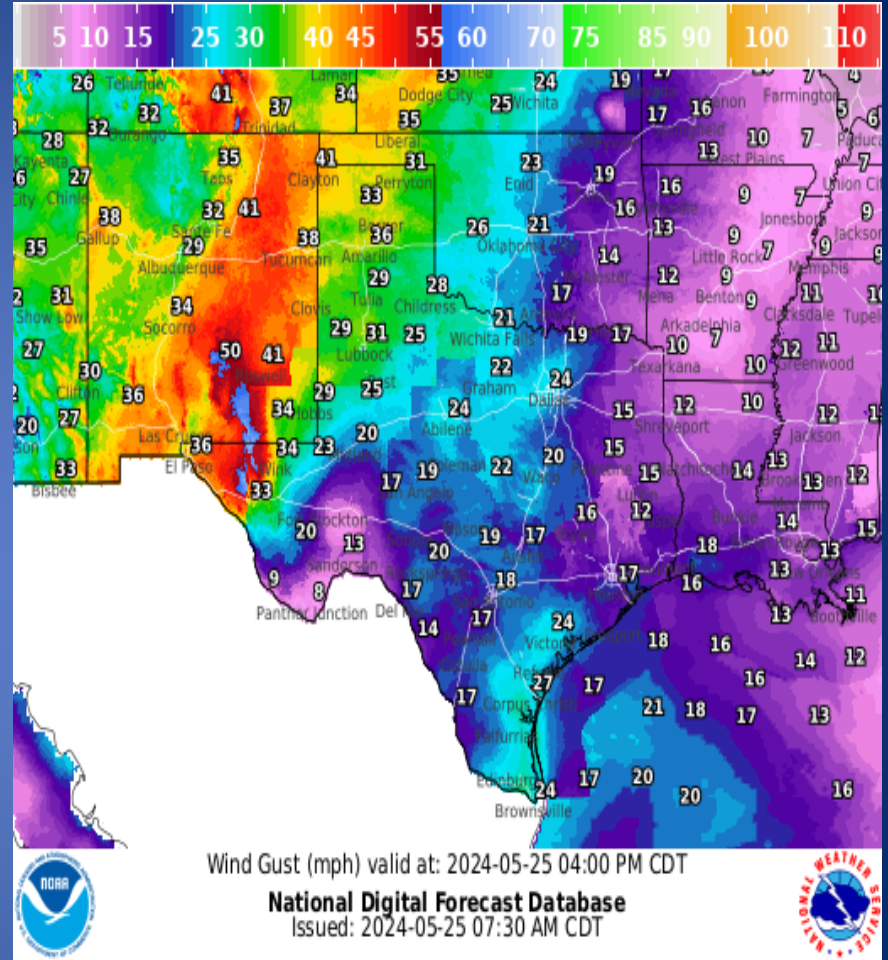


Lows

Weather Forecast

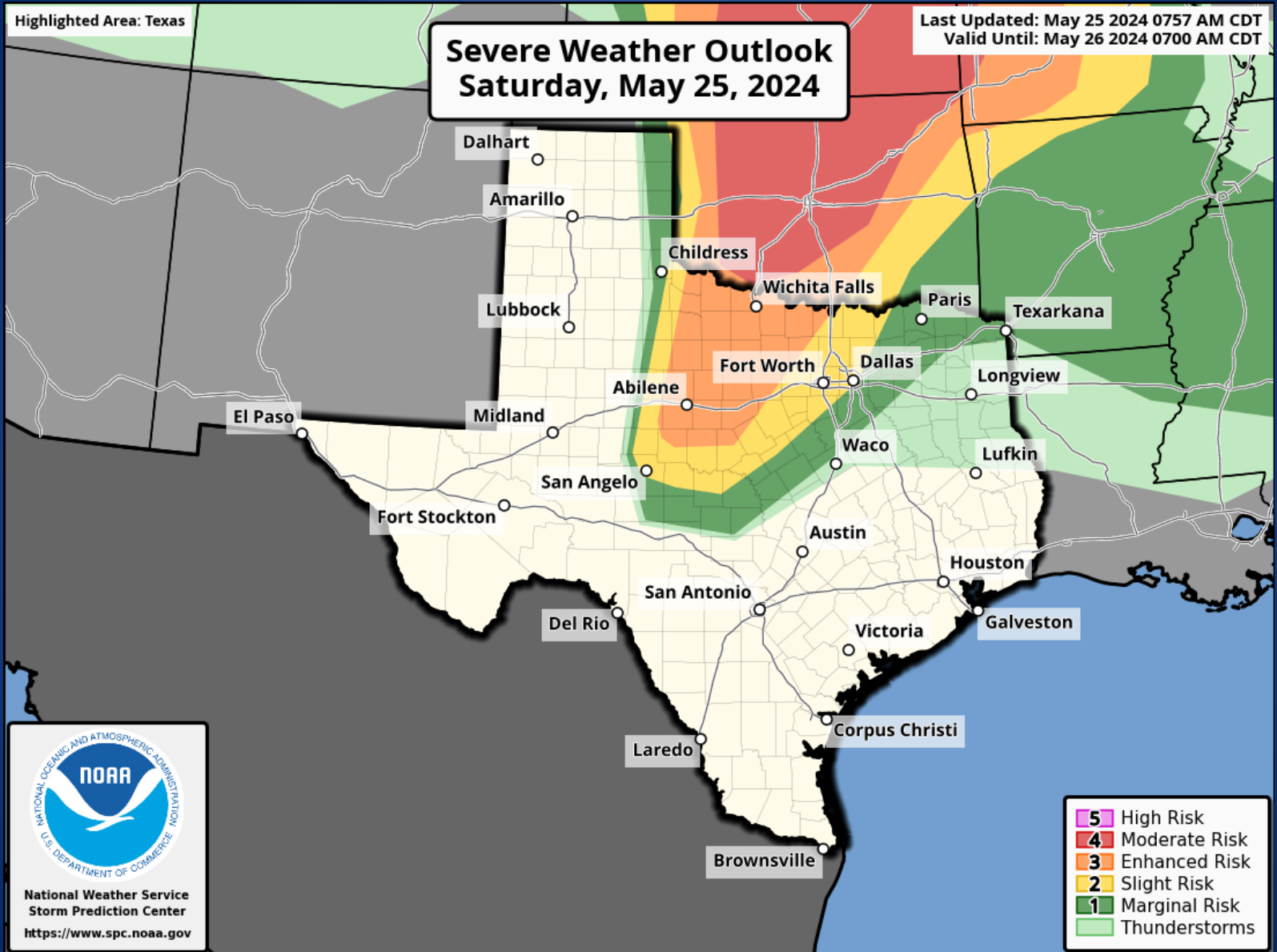


Wind Speeds



Gusts

Hazardous Weather



Hazardous Weather

Wildfire Risk Today

Please use caution with any outdoor activities which could produce sparks or flames

Weather Forecast Office
Amarillo, TX
Issued May 25, 2024 3:31 AM CDT

Wildfire Conditions

GRASS DRYNESS

DRY **VERY DRY** EXTREMELY DRY

MAX WIND GUSTS (MPH)

<30 30 **45** 50 60 70+

MIN RELATIVE HUMIDITY (%)

<5 **5-10** 10-15 15-20 20+

Legend: Wildfire Risk



NWSAmarillo

weather.gov/ama

Critical fire weather is expected for much of the western half of the combined Panhandles today. Sustained winds between 20 to 30 mph with gusts up to 45 mph are expected as well as RH values between 5 to 10%.

Severe Thunderstorm Potential - Today

Weather Forecast Office
Amarillo, TX
Issued May 25, 2024 3:27 AM CDT

Severe Weather Potential

MAX HAIL SIZE

Golf Ball Size (1.75 Inch)

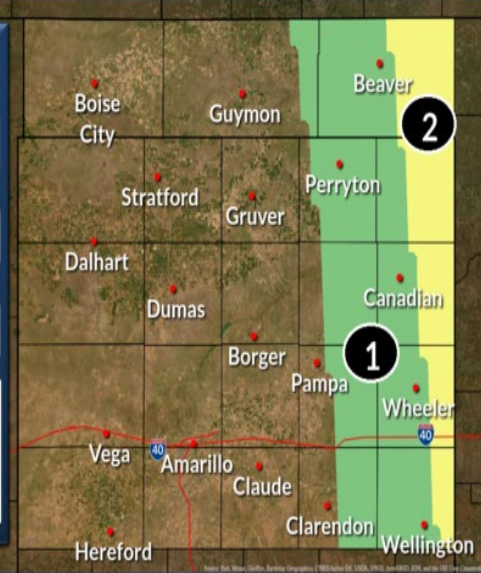
MAX WIND GUSTS

70 MPH

TORNADO POTENTIAL

Not Likely

Legend: Severe Weather Potential




NWSAmarillo

weather.gov/ama

Although not likely, a storm or two may develop across the far eastern Panhandles this afternoon and evening, if the dry line hangs far enough west. Any storms that do develop could quickly become severe with large hail and damaging winds the primary threats before moving into western OK.

Hazardous Weather

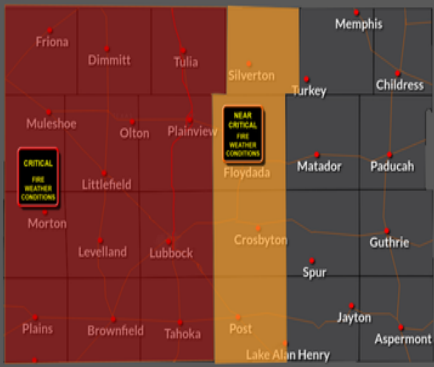


Critical Fire Weather Today

Do your part and avoid activities that may cause a spark!


May 25, 2024
4:06 AM

RED FLAG WARNING




Red Flag Warning

Rangeland Fire Danger Statement




TIMING

Today, May 25th
12 PM – midnight
Sunday



LOCATION

Extreme central and southwestern Texas Panhandle and the South Plains.



IMPACTS


Fire Spread Potential

None

Elevated


Critical

Extreme




CONDITIONS

- Relative humidity values as low as 4%
- Southwest winds 15-30 mph
- Temperatures in the 90s
- Avoid activities that may cause a spark!



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

National Weather Service
Lubbock, TX



Severe Weather Outlook

Valid for: Saturday May 25th, 2024

Issued:
May 25, 2024
4:06 AM

Timing

Late afternoon through evening

Maximum Wind Gusts

50 mph | 60 mph | 70 mph | 80 mph | 80+ mph

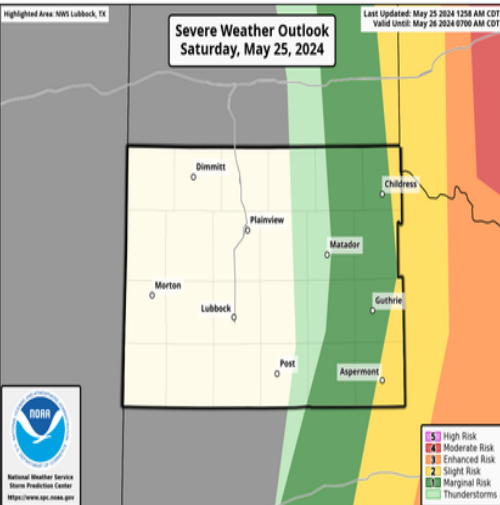
Maximum Hail Size

* 1 inch | Quarter | Golf Ball | 2 inch | Baseball | Softball

Tornadoes

Not Expected | Unlikely | Possible | Likely

Severe Weather Outlook
Saturday, May 25, 2024



Last Updated: May 25 2024 12:58 AM CDT
Valid Until: May 26 2024 07:00 AM CDT


5 - HIGH
Long-lived, very widespread, and particularly intense

4 - MODERATE
Long-lived, widespread, and intense

3 - ENHANCED
More persistent and/or widespread, a few intense storms

2 - SLIGHT
Short-lived and/or not widespread, isolated intense storms possible

1 - MARGINAL
Limited in duration, coverage, and/or intensity



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

National Weather Service
Lubbock, TX

A Red Flag Warning is in effect from noon Saturday through midnight Sunday for most areas on the Caprock, while a Rangeland Fire Danger statement is in effect for the far eastern South Plains/far western Rolling Plains. Hot, dry, and breezy conditions may lead to critical fire weather conditions across the Caprock and the far southwestern and central Texas Panhandle.

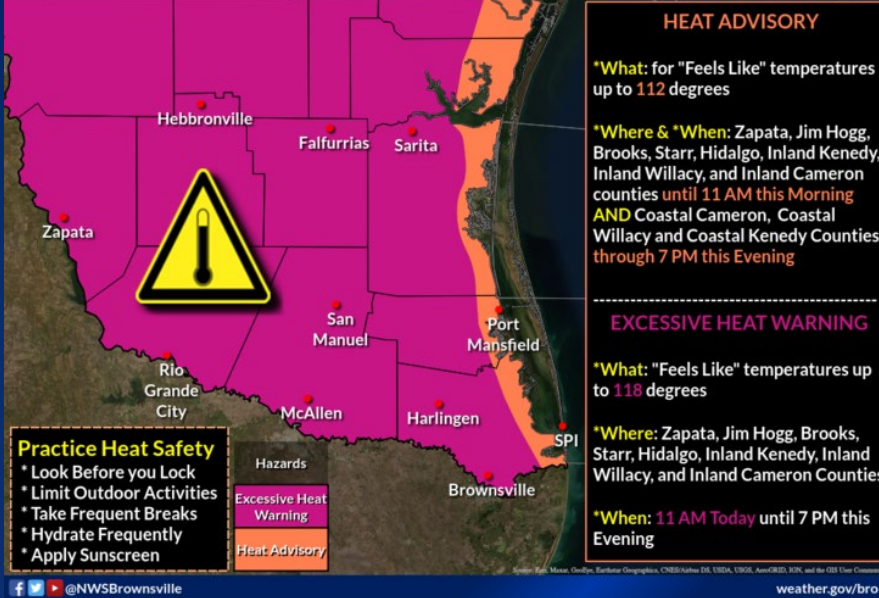
Slight chance for thunderstorms to develop this afternoon and evening across the eastern Rolling Plains. Large hail up to golfball size and damaging wind gusts up to 60 mph will be the main threats with any storm that does develop.

Hazardous Weather

Dangerous Heat Continues Today

Take precautions to avoid heat-related impacts!

Weather Forecast Office
Brownsville/RGV, TX
Issued May 25, 2024 7:28 AM CDT

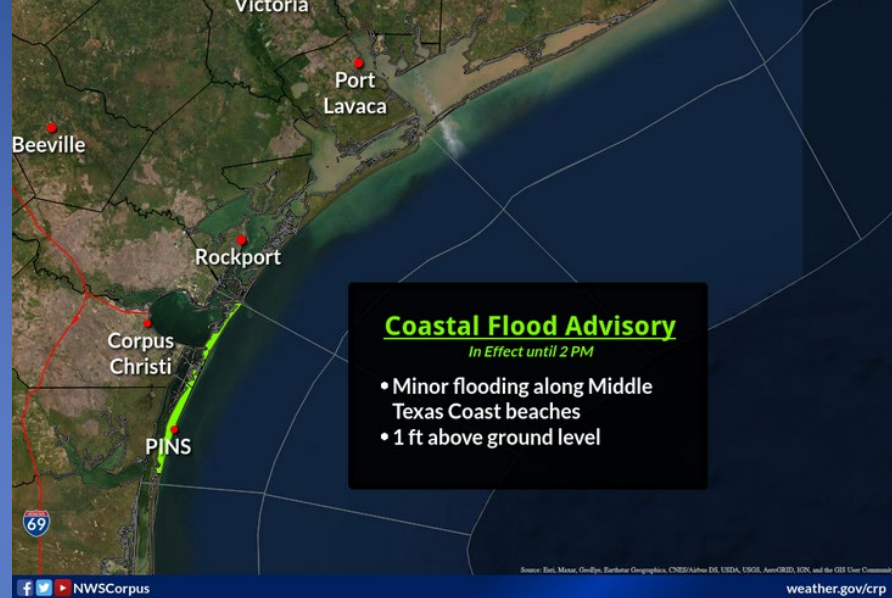


Dangerous heat continues today. A Heat Advisory remains in effect for all of Deep South Texas, except the barrier islands, till 11 AM this morning, but will remain in effect for coastal portions of Cameron, Kenedy and Willacy counties till 7 PM this evening. An Excessive Heat Warning goes into effect for all inland portions of Deep South Texas from 11 AM this morning till 7 PM this evening.

Hazardous Beach Conditions

Beach Roads May Flood | Water May Reach the Dunes
Victoria

Weather Forecast Office
Corpus Christi, TX
Issued May 25, 2024 5:18 AM CDT



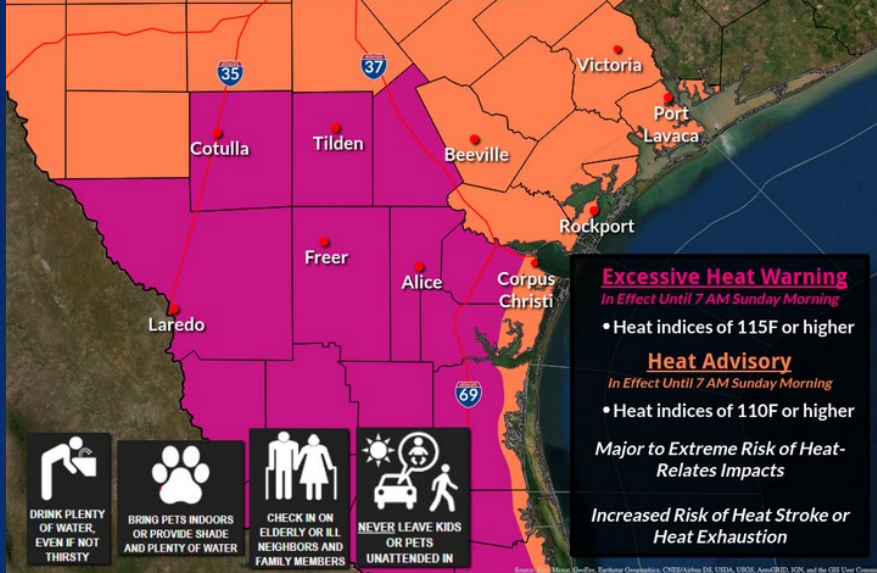
A Coastal Flood Advisory is in effect until 2 PM Saturday for the islands from Port Aransas to Baffin Bay. Minor coastal flooding during time of high tide may lead to flooding of beach access roads as water approaches the dunes.

Hazardous Weather

Dangerous Heat Today

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

Weather Forecast Office
Corpus Christi, TX
Issued May 25, 2024 5:09 AM CDT



NWSCorpus

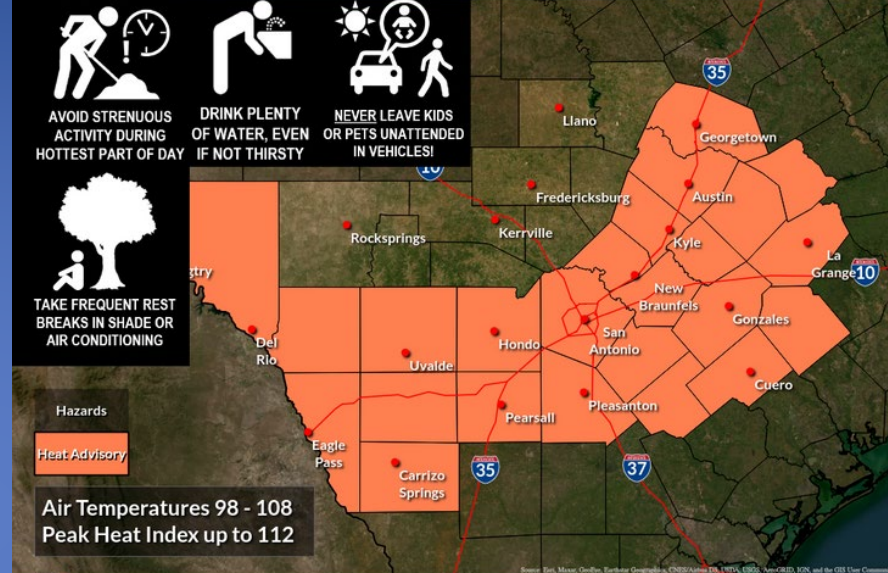
weather.gov/crp

Dangerous heat will continue through Saturday night. Therefore, most of South Texas will remain in an Excessive Heat Warning or a Heat Advisory through Saturday night. A major to extreme risk of heat-related impacts will continue through the holiday weekend.

Dangerous Heat Today

Heat Advisory in effect until 7 PM

Weather Forecast Office
Austin/San Antonio, TX
Issued May 25, 2024 7:44 AM CDT



NWSSanAntonio

weather.gov/ewx

As we advance through this week, an early season heatwave is expected to continue which can be harder on the body when we are not yet acclimated to summer-like temperatures. Make sure you take frequent breaks, drink plenty of water, wear loose-fitting, light-colored clothing, and find some time in the shade or A.C. Here are today's heat headlines.

Hazardous Weather



Saturday's Severe Weather Outlook

May 25, 2024
6:21 AM

Potential Hazards:

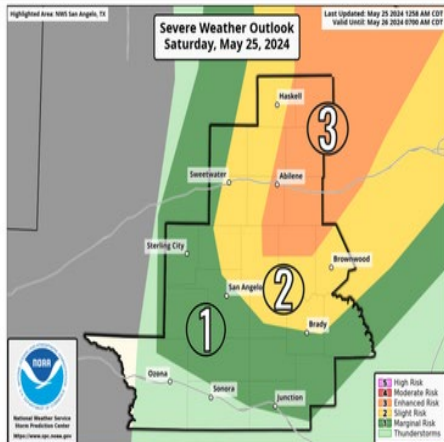


Timing:



What to Expect:

Isolated thunderstorms are expected to develop by around 4PM today (Saturday), mainly east of a Haskell to Ballinger line. The main hazards will be very large hail to baseball size, damaging winds, and a few tornadoes.



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

National Weather Service
San Angelo, TX



Red Flag Warning

May 25, 2024
2:07 AM



Late this morning through this evening



Southeast New Mexico and adjacent West Texas to the Chinatis

RELATIVE HUMIDITY

As low as
4%

WIND GUSTS
Up to 55 mph

(Strongest gusts in the mountains)



PLAN



PREPARE



ACT



Do not drive or pull over onto dead grass



If you see smoke or a fire, report it immediately



DO NOT throw lit cigarettes out of your car



DO NOT engage in outdoor burning of any kind

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

National Weather Service
Midland/Odessa, TX

A Red Flag Warning is in effect from late this morning through this evening for Southeast New Mexico and adjacent areas of West Texas south through the Chinatis Mountains. Please field strip your cigarettes!

Hazardous Weather

High Wind Warning/Advisory May 25, 2024 2:15 AM

Late this morning through this evening

Guadalupe & Delaware Mountains, and adjacent plains.

WIND GUSTS
Up to 70 mph
In the warning area

Up to 55 mph
In the advisory area

PLAN >>> **PREPARE** >>> **ACT**


Keep two hands on the steering wheel as driving may be difficult

Secure loose objects that may be blown away by strong winds

Use caution when driving as blowing dust may reduce visibility

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

National Weather Service
Midland/Odessa, TX



Extreme Fire Danger Today

Red Flag Warning

Weather Forecast Office

El Paso, TX

Issued May 25, 2024 5:40 AM MDT

RED FLAG WARNING

From 11 AM to 10 PM Saturday

Windy Conditions:
Southwest Winds of 20 to 30 mph with gusts up to 45 mph

Very Dry Air:
Relative Humidity 4 to 12%

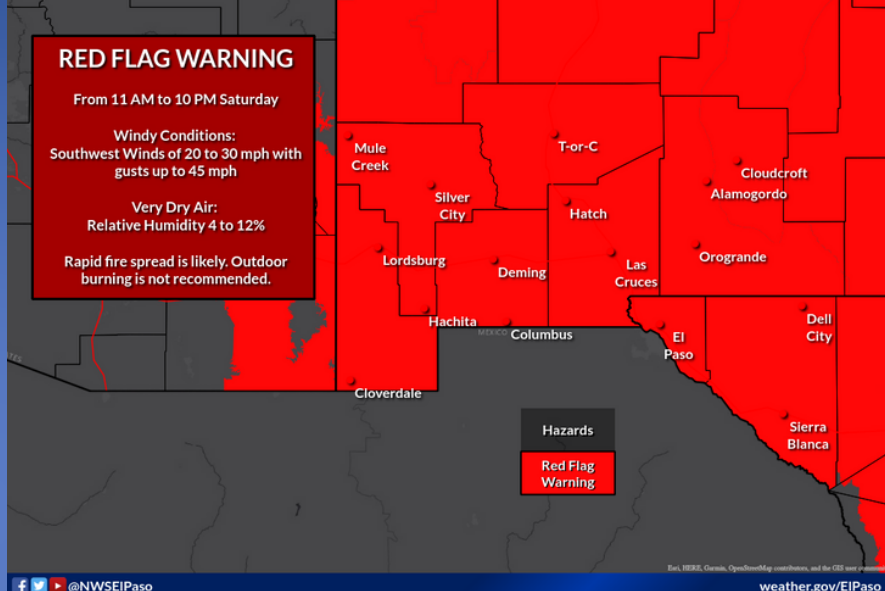
Rapid fire spread is likely. Outdoor burning is not recommended.

Mule Creek, Silver City, Hatch, Lordsburg, Deming, Las Cruces, Hachita, Columbus, El Paso, Cloverdale, Sierra Blanca, Dell City, Orogrande, Alamogordo, Cloudcroft, Tor-C

Hazards
Red Flag Warning

@NWSEIPaso

weather.gov/EIPaso



A High Wind Warning is in effect from late this morning through this evening for the Guadalupe and Delaware Mountains. A Wind Advisory is in effect from late this morning through this evening for the Eddy and Culberson County Plains, as well as central and northern Lea County.

Red Flag Warning

Weather Warnings/Advisories Issued

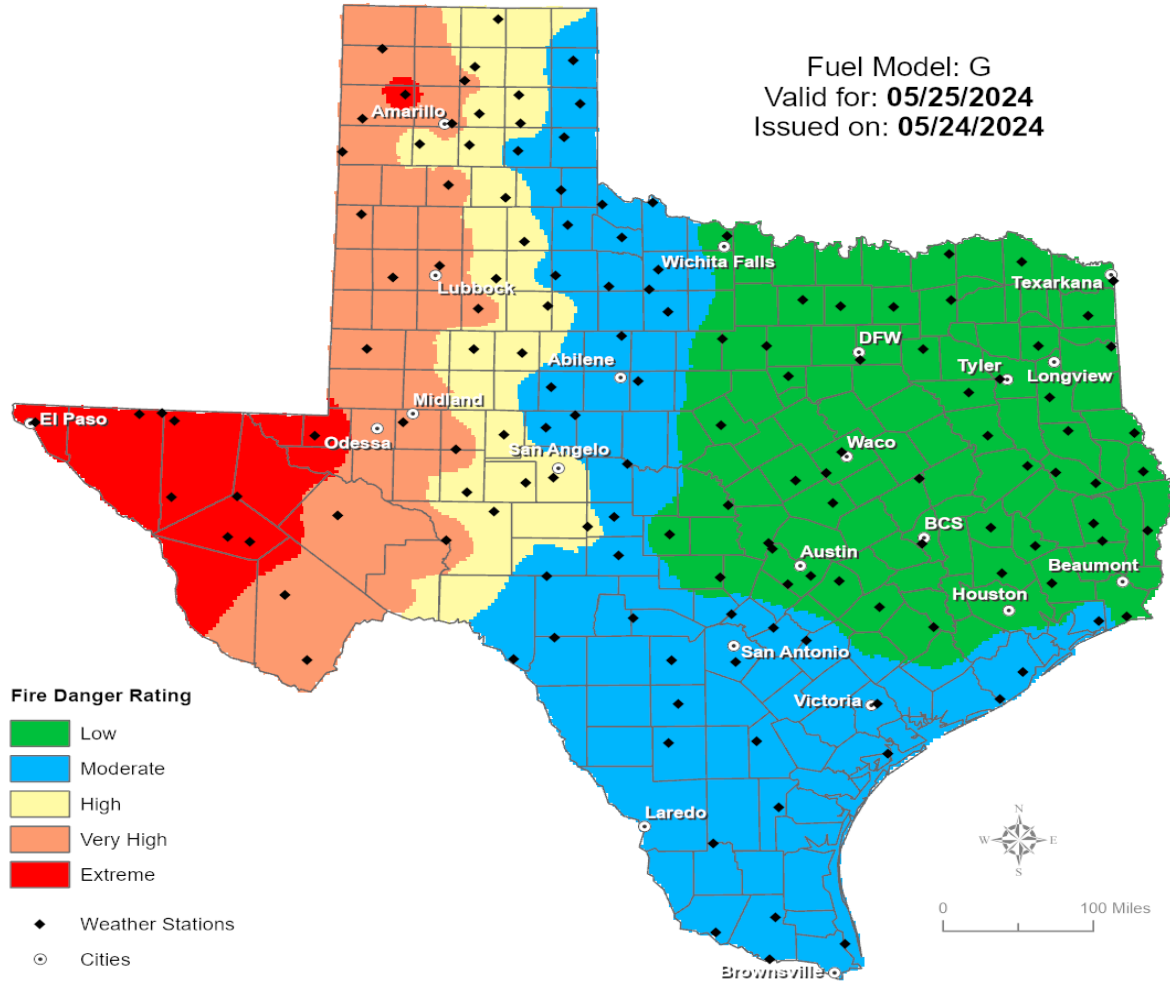
DATE	WARNING TYPE	LOCATION
05/24/24	Red Flag Warning	Andrews, Bailey, Brewster, Castro, Cochran, Culberson, Dallam, Deaf Smith, Grimes, Hale, Hartley, Hockley, Jeff Davis, Lamb, Loving, Lubbock, Oldham, Parmer, Potter, Presidio, Randall, Reeves, Sherman, Swisher, Terry, Ward, Winkler and Yoakum Counties
05/24/24	Severe Thunderstorm Warning	Anderson, Bosque, Bowie, Cherokee, Cooke, Dallas, Delta, Denton, Ellis, Freestone, Grayson, Hamilton, Henderson, Hill, Hood, Hopkins, Hunt, Johnson, Kaufman, Lamar, Leon, Limestone, Navarro, Parker, Rains, Red River, Rockwall, Rusk, Somervell, Smith, Tarrant, Van Zandt, Wise and Wood Counties
05/24/24	Excessive Heat Warning	Brooks, Cameron, Duval, Hidalgo, Jim Hogg, Jim Wells, Kenedy, Kleberg, La Salle, McMullen, Starr, Webb, Willacy and Zapata Counties
05/24/24	Tornado Warning	Bowie and Cooke Counties
05/24/24	Flash Flood Warning	Cooke, Freestone, Grayson and Limestone Counties

Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/24/24	Tornado Emergency	Bowie County
05/24/24	Flood Warning	Limestone County

Fire Danger Forecast

Forecast Fire Danger

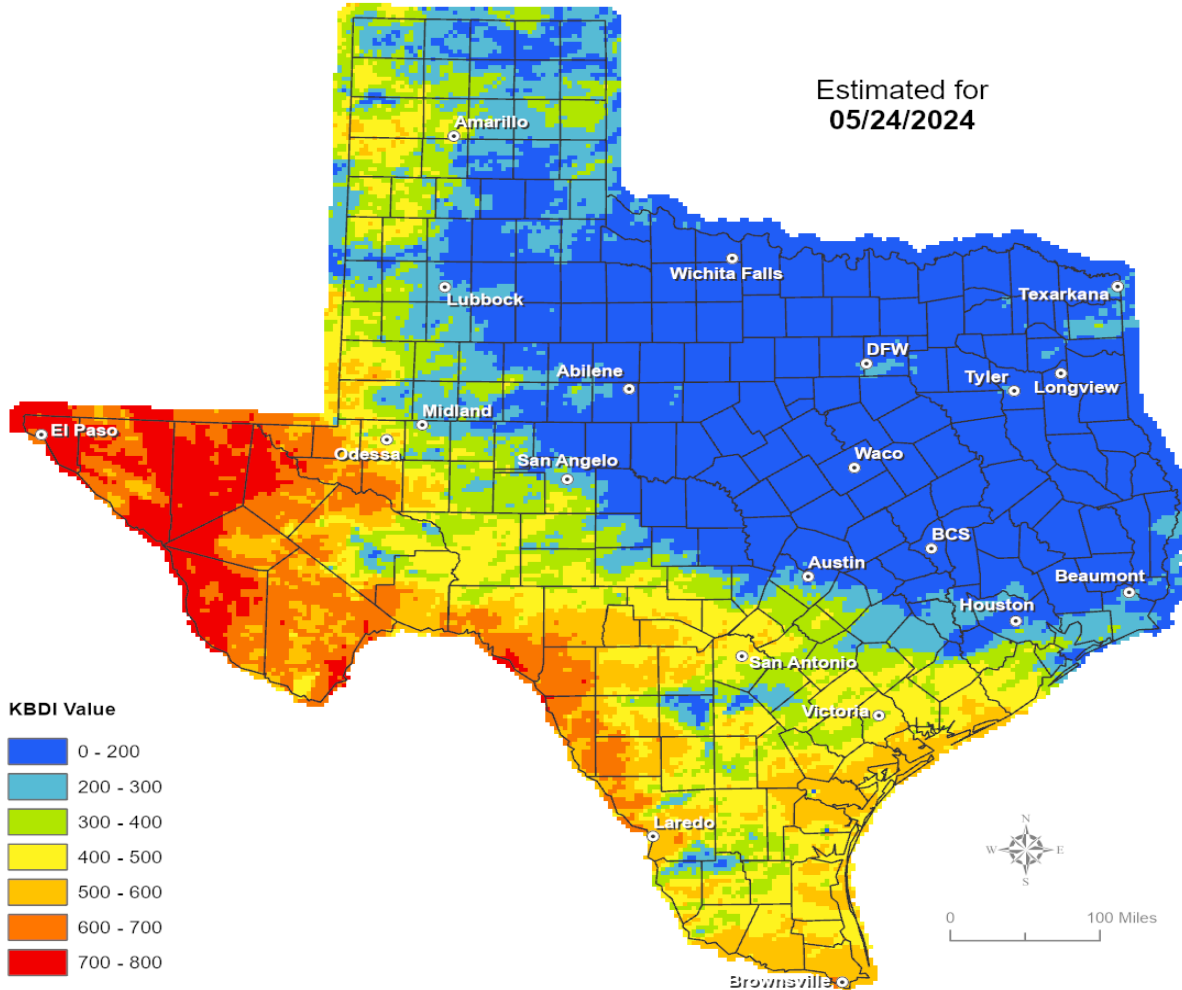


Keetch-Byram Drought Index

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
05/24/2024



KBDI Value



0 100 Miles

TEXAS A&M
AGRI LIFE
RESEARCH

Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

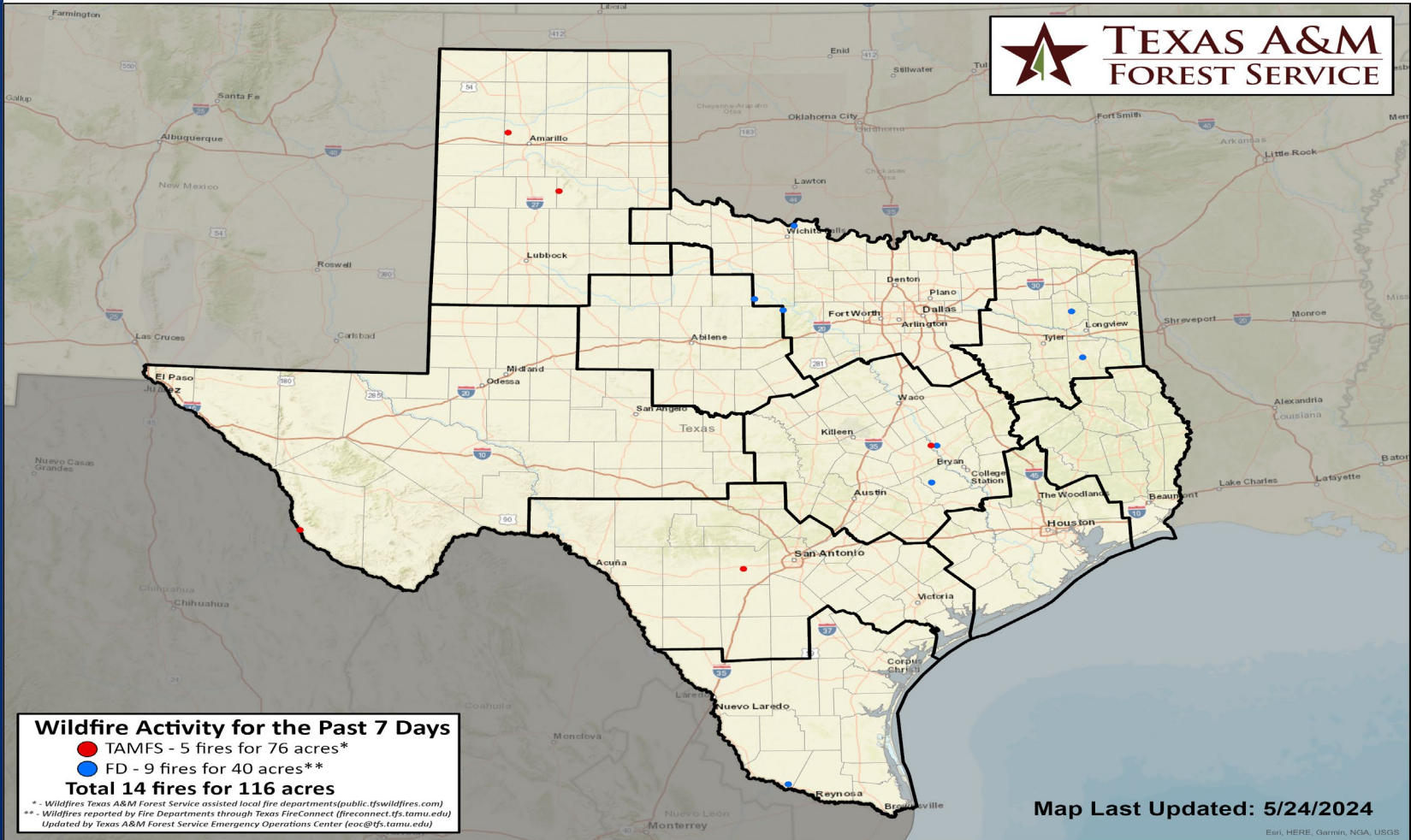
TEXAS A&M
FOREST SERVICE

Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
05/24/24	Red Flag Warning	Andrews, Brewster, Culberson, Culberson, Dallam, Deaf Smith, Grimes, Hartley, Jeff Davis, Loving, Moore, Oldham, Potter, Presidio, Randall, Reeves, Sherman, Ward and Winkler Counties

Fire Activity (*Last 24 Hours)

Report of 184 (No Change) fires and 1,248,618 (No Change) acres have been burned this year. There are 66 (No Change) counties with burn bans. The Keetch-Byram Drought Index list contains 58 (+4) counties with an average over 400.



Statewide Significant Events

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