

Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief



Wednesday, August 21st, 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.

07:14 AM EDT
Wed Aug 21 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
08/20/24	Final Report of a Road Closure (IH-10)	Culberson County
08/20/24	Preliminary Earthquake Report (M3.0)	Culberson County
08/20/24	Final Report of the Dirt Road Fire	King County
08/20/24	Update Report of a Water Outage	Falls County
08/20/24	Initial Report of the Bank Head Fire	Eastland County
08/20/24	Initial Report of the Train Car Fire	Coleman County
08/20/24	Report of the Twisted Mesquite Fire	Shackelford County
08/20/24	Update Report of the Broken Arrow Fire	Wilson County
08/20/24	Initial Report of the Hilltop Brush Fire	Wilson County
08/20/24	Update Report of the Train Car Fire	Coleman County
08/20/24	Update Report of the Bank Head Fire	Eastland County
08/20/24	Initial Report of a Road Closure (US-59)	Jackson County

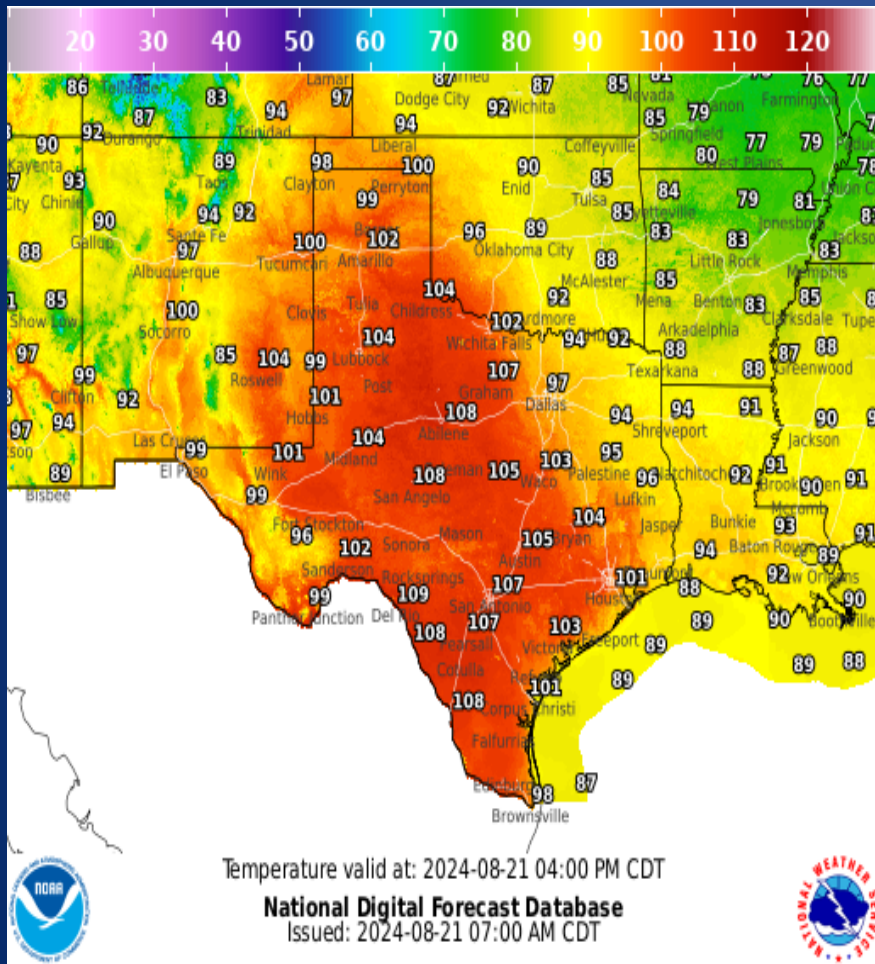
Incidents Reported to the State Operations Center (last 24 hours)

DATE	SUBJECT	LOCATION
08/20/24	Final Report of the Pony Haymaker Fire	Caldwell County
08/20/24	Final Report of the Welder 3 Fire	Wichita County
08/20/24	Update Report #2 of the Train Car Fire	Coleman County
08/20/24	Final Report of a Road Closure (US-59)	Jackson County
08/20/24	Update Report #3 of the Train Car Fire	Coleman County
08/20/24	Final Report of the Bank Head Fire	Eastland County
08/20/24	Update Report #4 of the Train Car Fire	Coleman County
08/20/24	Update Report #2 of the Broken Arrow Fire	Wilson County
08/20/24	Final Report of the Pinscher Fire	Wilson County

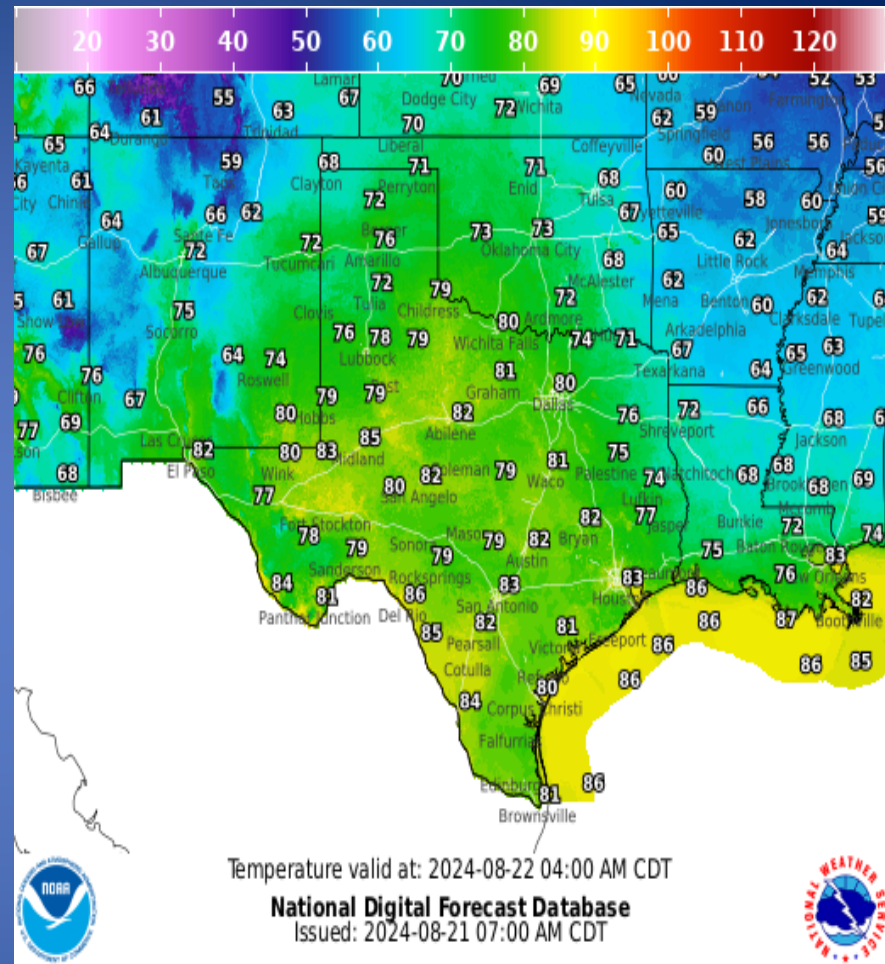
Informational Products Distributed by the State Operations Center

DATE	SUBJECT
08/21/24	NWS Brownsville: HEAT ADVISORY for Wednesday
08/21/24	NWS Shreveport: Monroe IWT Registration Deadline August 23
08/21/24	Daily NWS Threat Brief for FEMA Region 6
08/21/24	NWS Houston/Galveston: Extreme Heat Continues Today
08/21/24	NWS Austin/San Antonio: Excessive Heat Warnings Likely to End today but Heat Advisory Expected Tomorrow

Weather Forecast

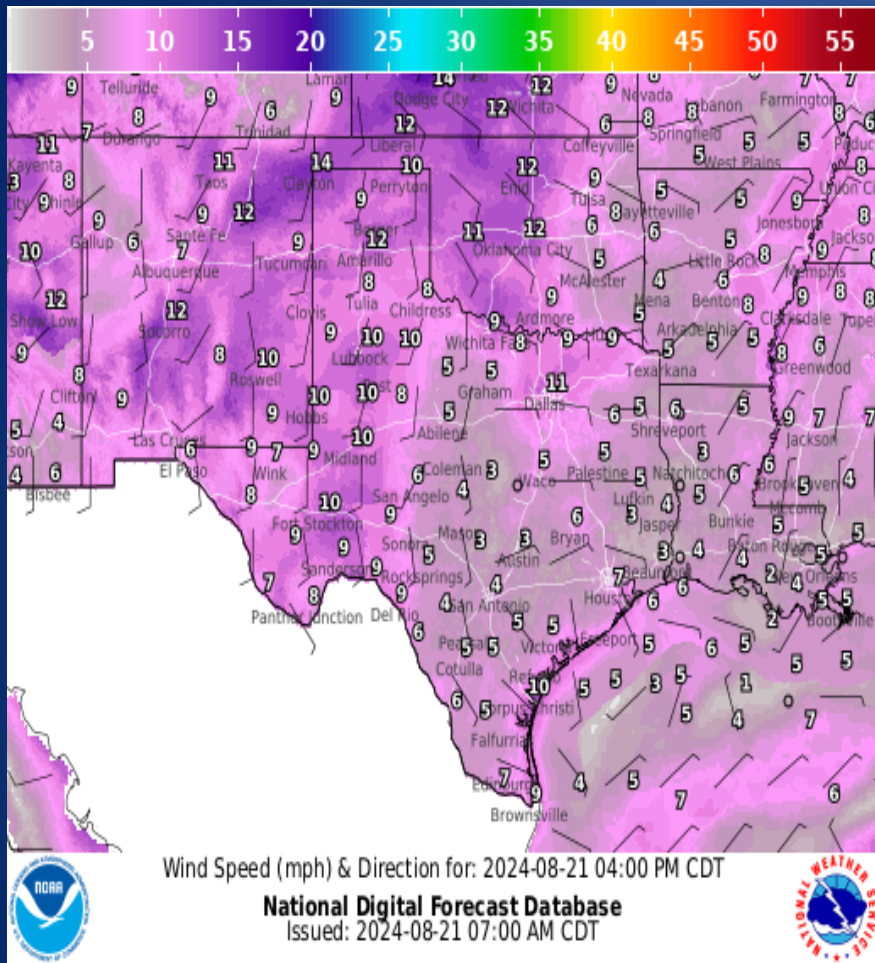


Highs

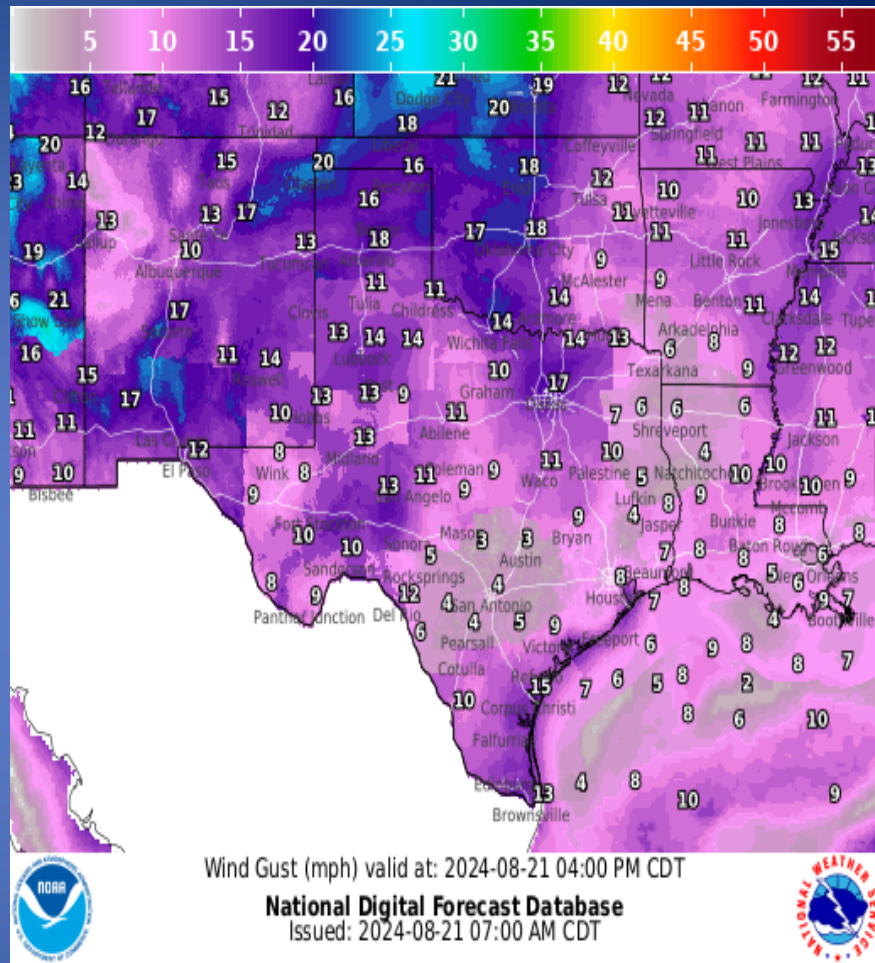


Lows

Weather Forecast



Wind Speeds



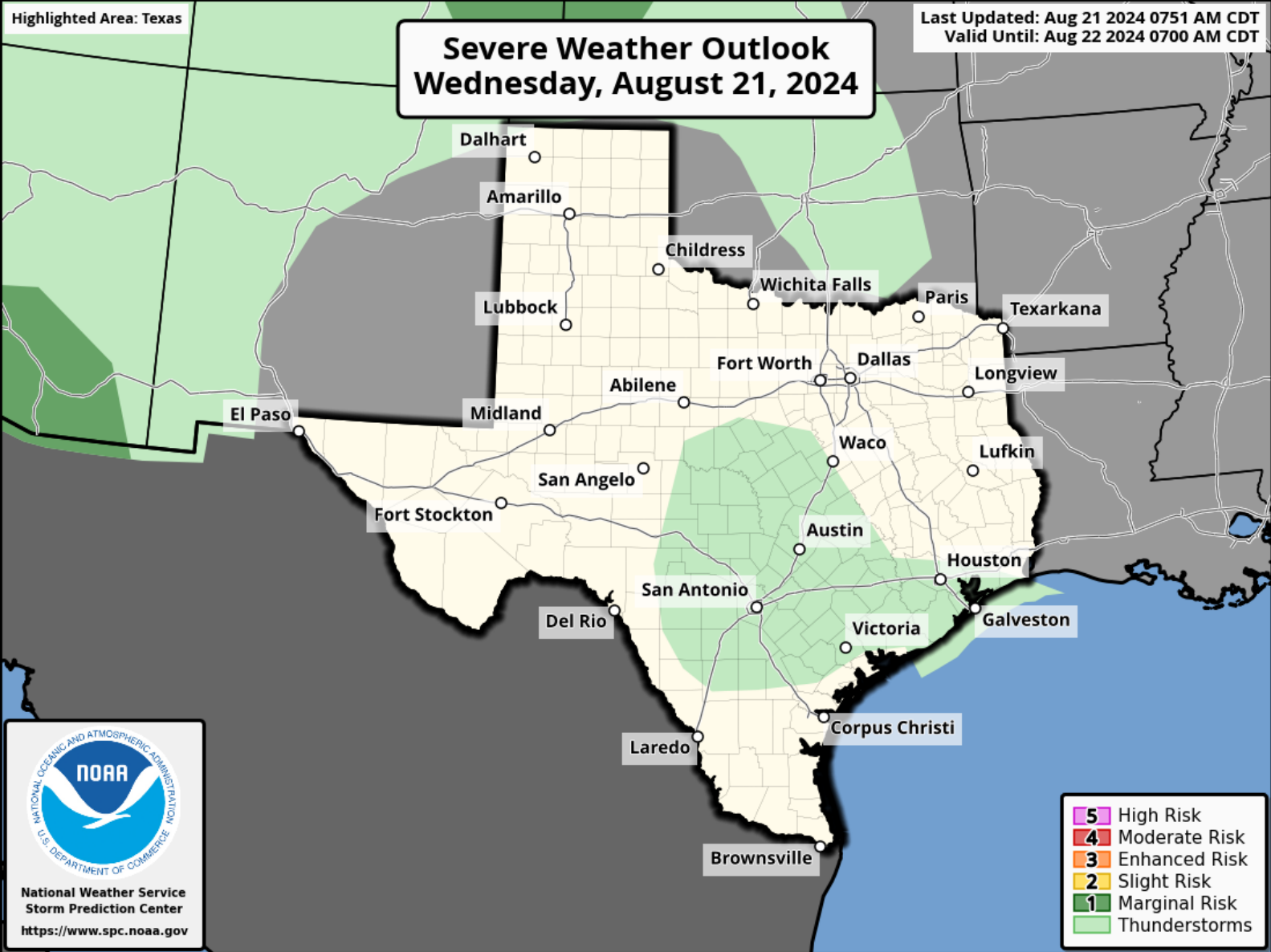
Gusts

Hazardous Weather

Highlighted Area: Texas

Last Updated: Aug 21 2024 0751 AM CDT
Valid Until: Aug 22 2024 0700 AM CDT

Severe Weather Outlook Wednesday, August 21, 2024



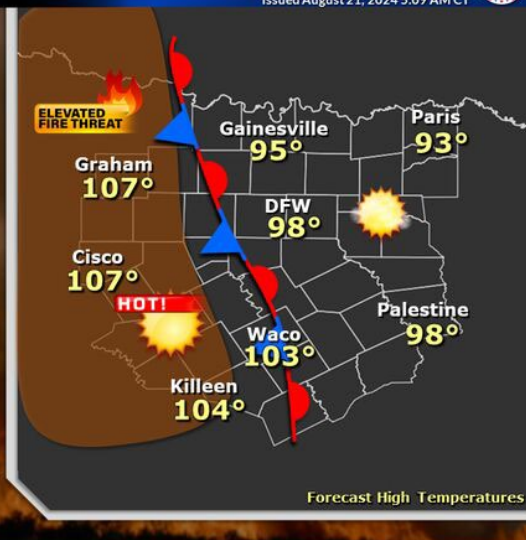
Hazardous Weather

Elevated Fire Threat on Wednesday

Weather Forecast Office
Fort Worth, TX
Issued August 21, 2024 5:09 AM CT

Very hot temperatures are expected ahead of a weak stationary front.

An elevated grass fire threat will exist west of I-35.



Wildfire Prevention

- Do NOT leave a fire unattended or burn unnecessarily!
- Secure tow chains to avoid dragging. NEVER park/drive over tall grass!
- NEVER toss lit cigarettes on the ground!
- Contact law/fire department if you smell smoke or see fire!

NWSFortWorth

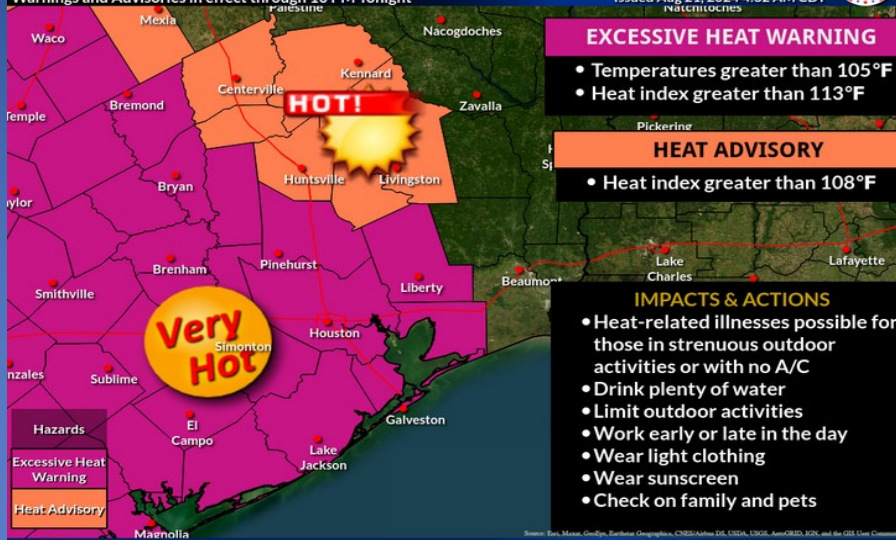
weather.gov/fortworth

Hot & dry conditions will prevail across North and Central Texas today with highs ranging from the lower/middle 90s in the northeast to the mid/upper 100s in the west including the Big Country. An elevated grass fire threat will exist west of I-35 as afternoon humidity drops below 30%. Please continue to avoid activities that could lead to fire starts.

Dangerous Heat Continues!

Warnings and Advisories in effect through 10 PM Tonight

Weather Forecast Office
Houston/Galveston TX
Issued Aug 21, 2024 4:32 AM CDT



@NWSHouston

weather.gov/hgx

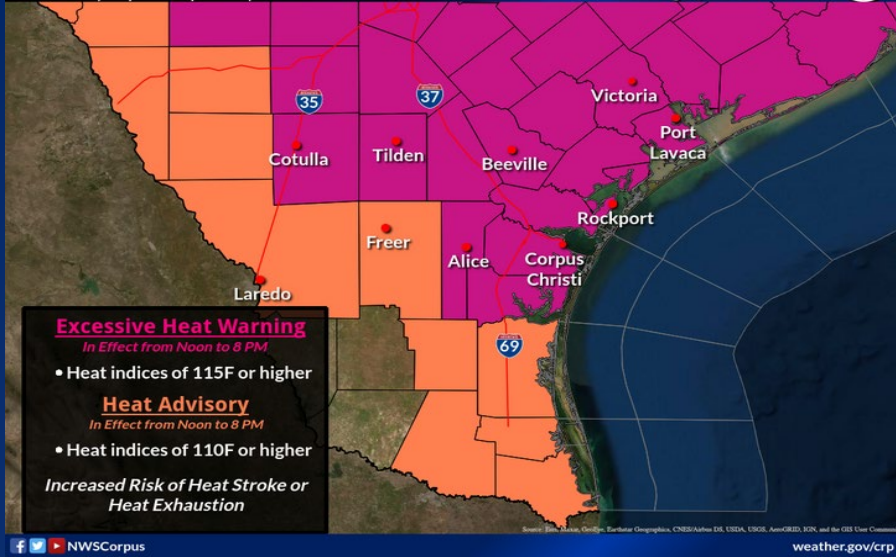
Excessive Heat Warnings and Heat Advisories continue through Wednesday.

Hazardous Weather

Excessive Heat Today

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

Weather Forecast Office
Corpus Christi, TX
Issued Aug 21, 2024 2:59 AM CDT

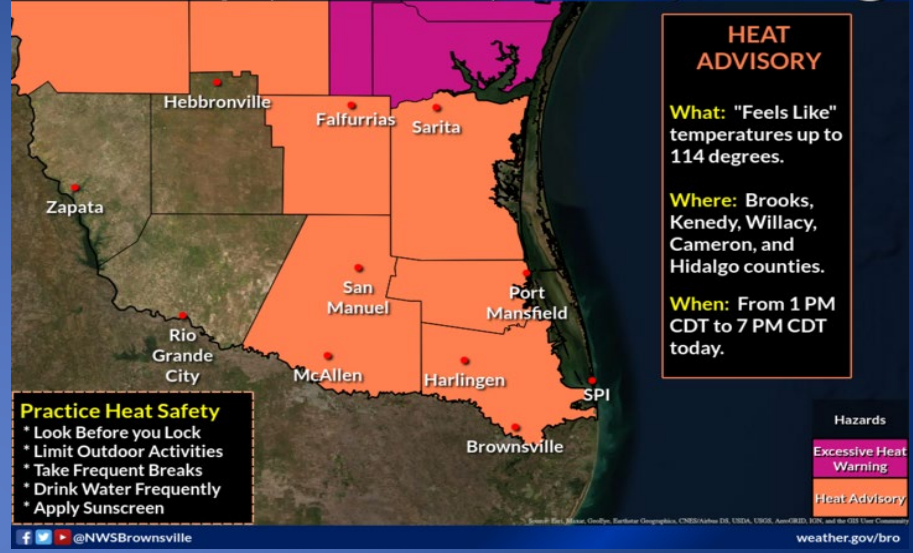


An Excessive Heat Warning is in effect today from Noon through 8 PM for a large portion of S TX and a Heat Advisory is in effect for the Rio Grande Plains and southern Brush country. Heat index values 110 to 118 are expected. Please use caution if you must be outside: drink plenty of water, take breaks, and wear light colored, loose clothing. **LOOK BEFORE YOU LOCK!**

Dangerous Heat Continues

Due to the Combination of High Temperatures and Relative Humidity

Weather Forecast Office
Brownsville/RGV, TX
Issued Aug 21, 2024 12:55 AM CDT



The combination of high temperatures and relative humidity will produce dangerous heat conditions for a large portion of Deep South Texas and the Rio Grande Valley. As a result, a Heat Advisory is in effect for the afternoon and early evening hours of Wednesday.

Hazardous Weather

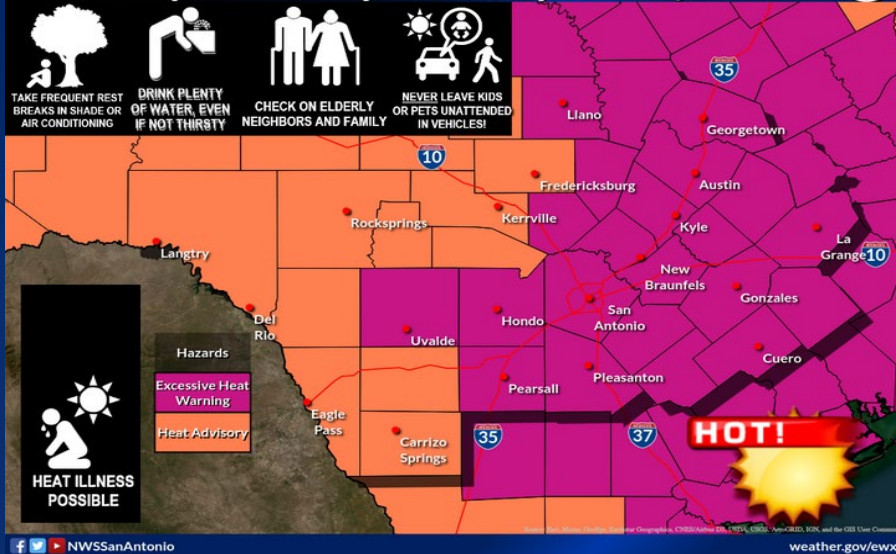
Dangerous Heat Continues Today

Excessive Heat Warnings & Heat Advisories Through 9 PM CDT This Evening

Weather Forecast Office
Austin/San Antonio, TX
Issued Aug 21, 2024 2:30 AM CDT



TAKE FREQUENT REST BREAKS IN SHADE OR AIR CONDITIONING
DRINK PLENTY OF WATER, EVEN IF NOT THIRSTY
CHECK ON ELDERLY NEIGHBORS AND FAMILY
NEVER LEAVE KIDS OR PETS UNATTENDED IN VEHICLES!



An Excessive Heat Warning continues for the eastern Hill Country, I-35 Corridor, and Coastal Plains, while a Heat Advisory continues for the rest of South Central Texas. These are in effect through 9 PM CDT today.

Excessive Heat Warning Today

From 1PM to 9PM

What to Expect

- An Excessive Heat Warning will be in effect for much of the area today (shown in pink). A Heat Advisory will be in effect for our southernmost counties (shown in orange).
- Temperatures of 105 to 111
- Increased risk for heat-related illness



Hydrate
drink plenty of water



Consider Cancelling Outdoor Activities



Wear Light Clothing
lightweight and light colored



Stay in Air Conditioning



National Weather Service
San Angelo
weather.gov/SJT

August 21, 2024
3:54 AM

An Excessive Heat Warning and a Heat Advisory are in effect the afternoon and evening.

Hazardous Weather

Hazardous Heat Expected August 21, 2024 3:45 AM

Through early evening

Excessive Heat Warning
Western Low Rolling Plains

Heat Advisory
Much of the Permian Basin, Lower Trans Pecos, and Big Bend

HIGH TEMPERATURES

Up to 111 degrees
In the warning area

Up to 108+ degrees
In the advisory area

PLAN **PREPARE** **ACT**

Drink plenty of water, even if you don't feel thirsty

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

Prolonged exposure could result in heat-related illness

National Weather Service
Midland/Odessa, TX

An Excessive Heat Warning is in effect through early evening for Mitchell and Scurry Counties. Heat Advisory is in effect through early evening for the central and eastern Permian Basin, Pecos and Terrell Counties, and Lower Brewster County.

Wednesday's Forecast Weather Forecast Office El Paso, TX
Hot again with a chance of showers and storms west of Continental Divide
Issued Aug 20, 2024 6:19 PM MDT

Increased moisture out west

Afternoon highs 5-10 degrees above normal

@NWSEIPaso weather.gov/EIPaso

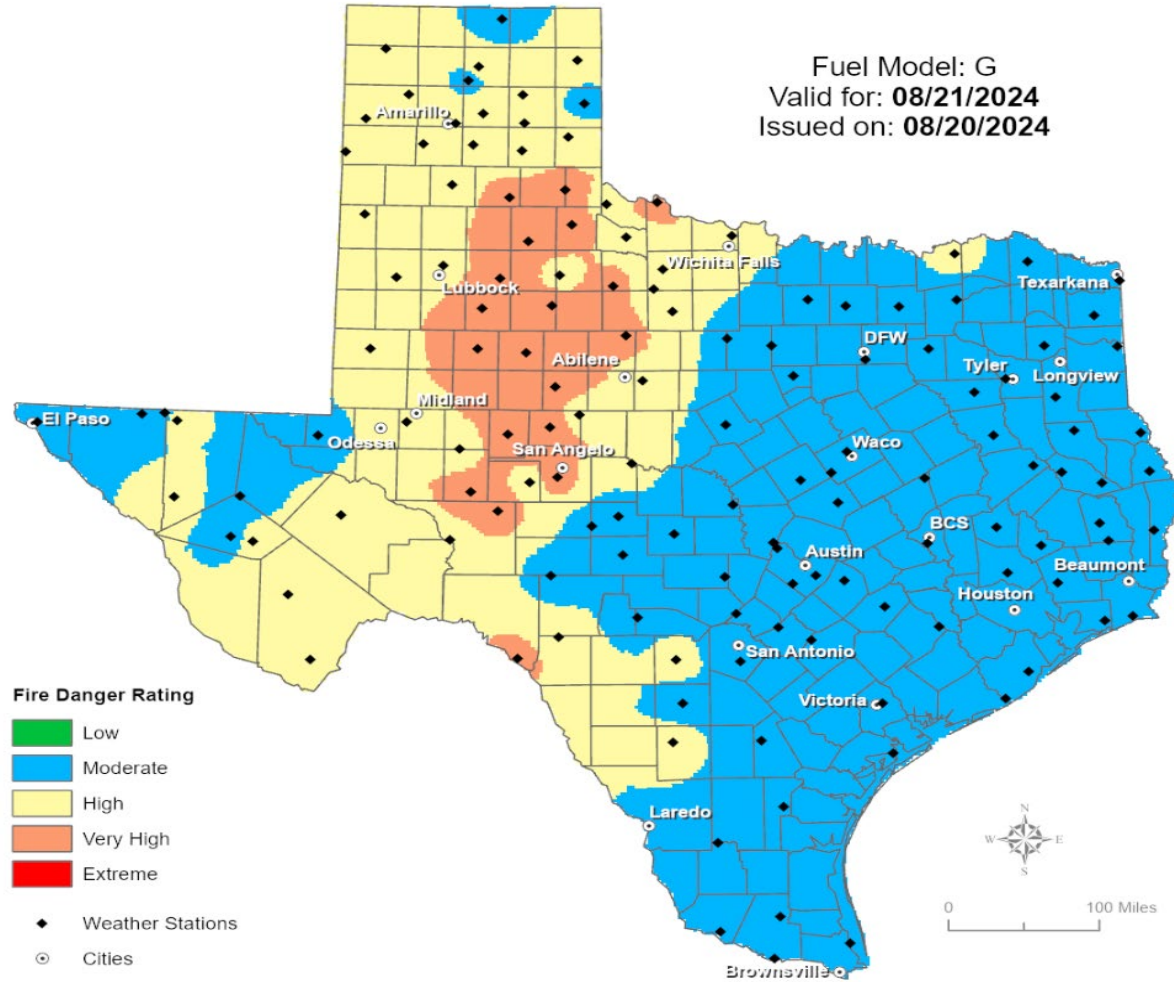
Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
08/20/24	Excessive Heat Warning	Bell, Brown, Callahan, Coke, Coleman, Comanche, Concho, Coryell, Eastland, Falls, Fisher, Hamilton, Haskell, Irion, Jones, Kleberg, Lampasas, McCulloch, McLennan, Milam, Mills, Mitchell, Nolan, Nueces, Robertson, San Patricio, San Saba, Scurry, Shackelford, Stephens, Sterling, Taylor, Throckmorton, Tom Green, and Young Counties

Fire Danger Forecast

Forecast Fire Danger

Fuel Model: G
Valid for: **08/21/2024**
Issued on: **08/20/2024**



Fire Danger Rating

- Low
- Moderate
- High
- Very High
- Extreme

- Weather Stations
- Cities

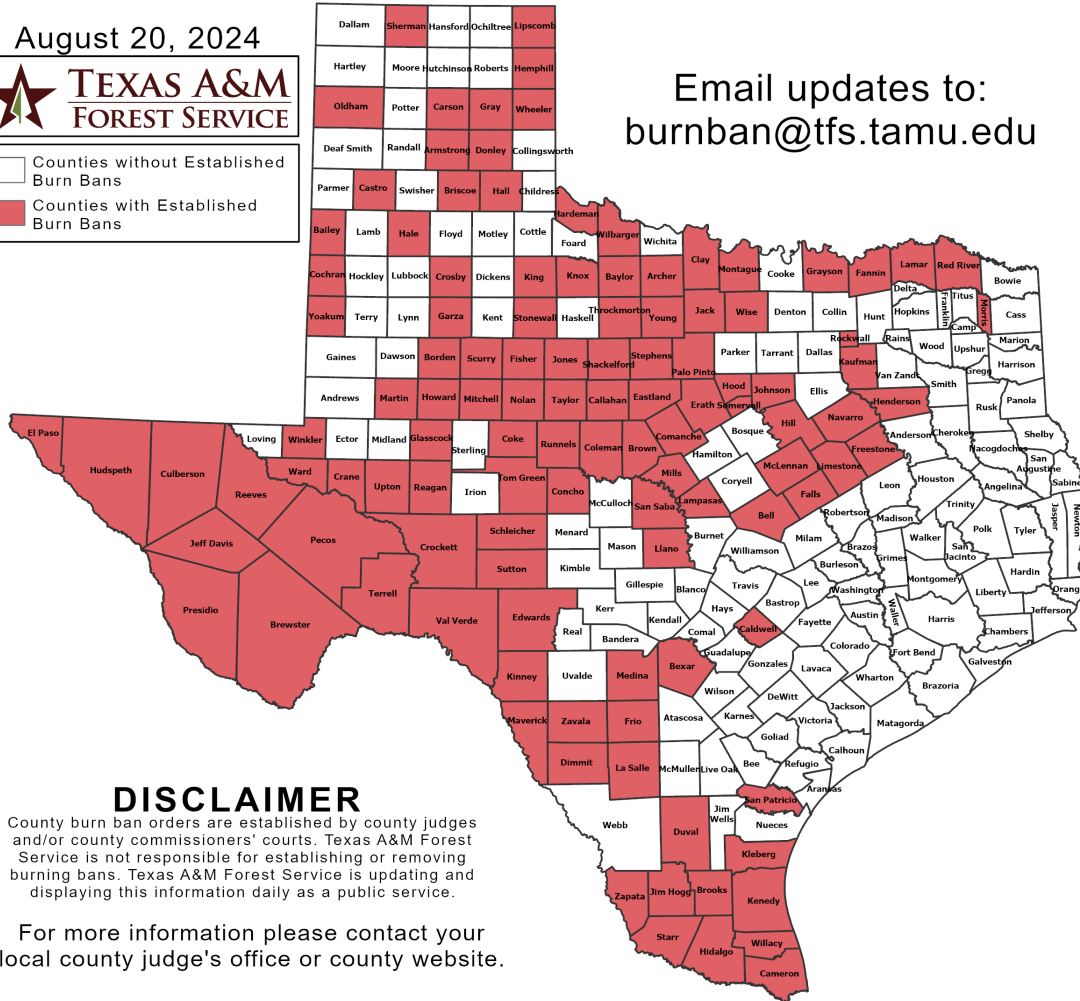
Burn Ban

OUTDOOR BURN BANS

August 20, 2024



Counties without Established Burn Bans
 Counties with Established Burn Bans



Email updates to:
burnban@tfs.tamu.edu

Counties with Burn Bans: 115

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

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.

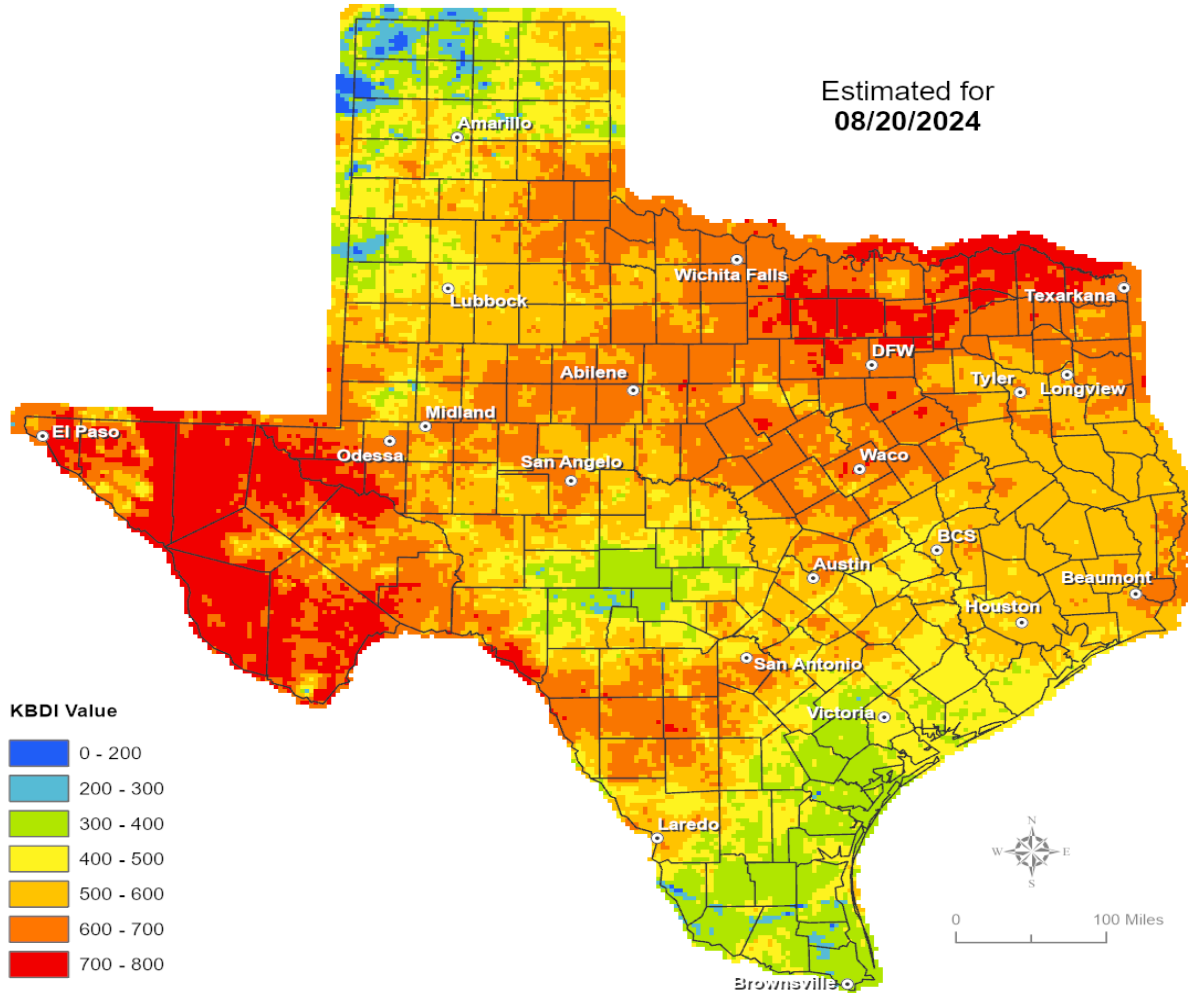
RED FLAG WARNINGS: www.weather.gov
 Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

Keetch-Byram Drought Index

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
08/20/2024

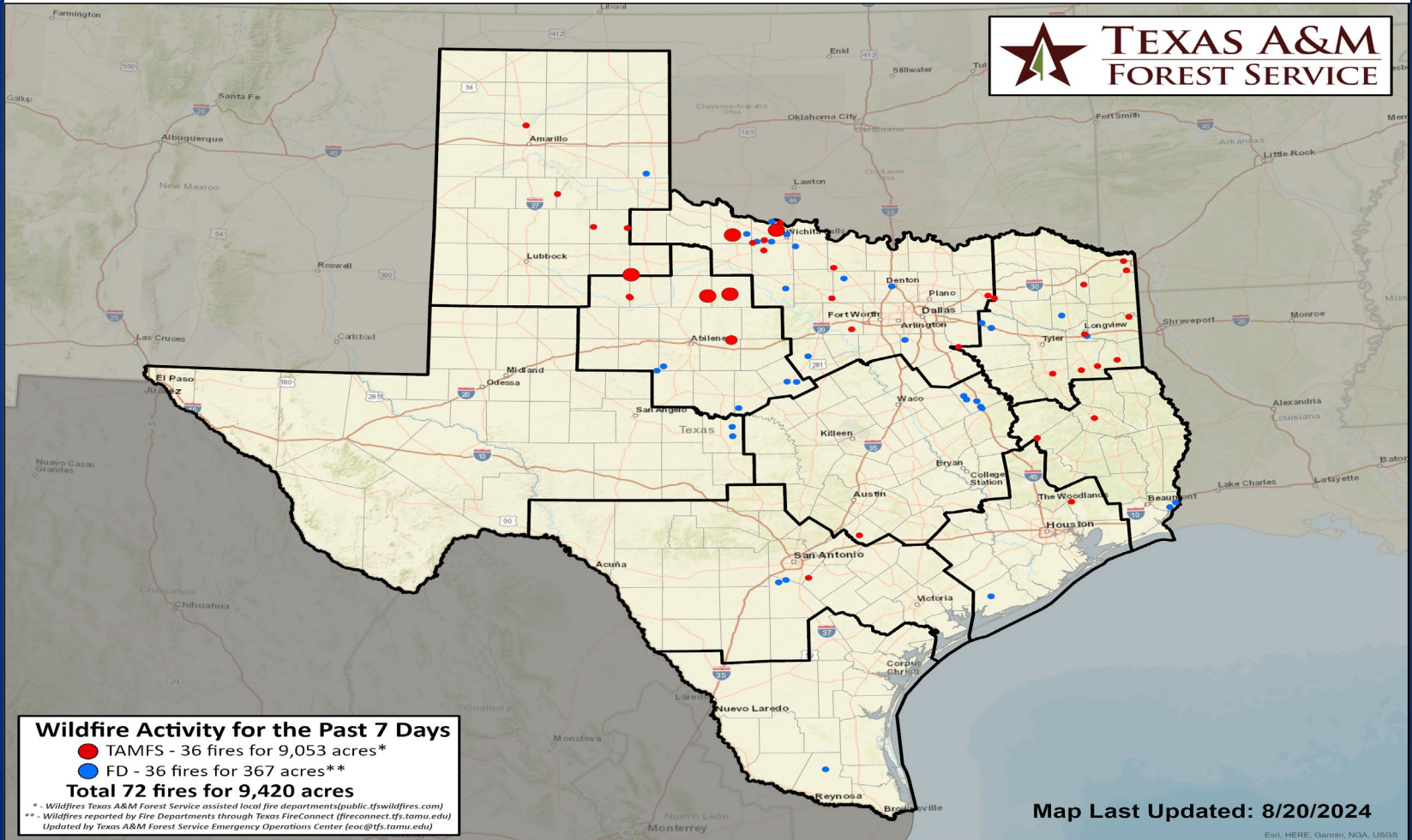


Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
08/20/24	Fire Danger Statement	Brown, Callahan, Coke, Coleman, Concho, Crockett, Fisher, Haskell, Irion, Jones, Kimble, Mason, McCulloch, Menard, Nolan, Runnels, San Saba, Schleicher, Shackelford, Sterling, Sutton, Taylor, Throckmorton, and Tom Green Counties
08/21/24	Fire Danger Statement	Baylor, Brown, Callahan, Coke, Coleman, Concho, Crockett, Fisher, Foard, Hardeman, Haskell, Irion, Jones, Kimble, Knox, Mason, McCulloch, Menard, Nolan, Runnels, San Saba, Schleicher, Shackelford, Sterling, Sutton, Taylor, Throckmorton, Tom Green, and Wilbarger Counties

Fire Activity (*Last 24 Hours)

Report of 285 (+7) fires and 1,265,491 (+156) acres have been burned this year. There are 115 (+9) counties with burn bans. The Keetch-Byram Drought Index list contains 229 (+5) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
08/19/24	08/21/24	Public Information Basics	E/L-105	New Braunfels
08/19/24	08/30/24	Rescue Specialist (Certification Course)	H-515	Laredo
08/20/24	08/21/24	Managing Public, Private and NGO Partnerships to Prepare for and Solve Critical Logistics and Supply Chain Challenges During Large Scale Disasters	MGT-489	San Antonio
08/20/24	08/21/24	Texas Department of State Health Services, Region 8 Public Health Law Course	N/A	San Antonio
08/20/24	08/22/24	Texas Disaster Accounting 101	T-ACC600	Orange
08/21/24	08/21/24	Emergency Tracking Network(ETN) Operator Course	T-ETN200	Sinton
08/21/24	08/22/24	Recovery From Disaster: Local Community Roles	G-205	El Paso

Statewide Significant Events

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