

Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief



Thursday, March 21st, 2024
As of 0900 CDT

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

DATE	SUBJECT	LOCATION
03/20/24	PLB Mission 24I2673 has been closed	Bexar County
03/20/24	Initial and Final Report of a Perishable Goods Incident	Gonzales County

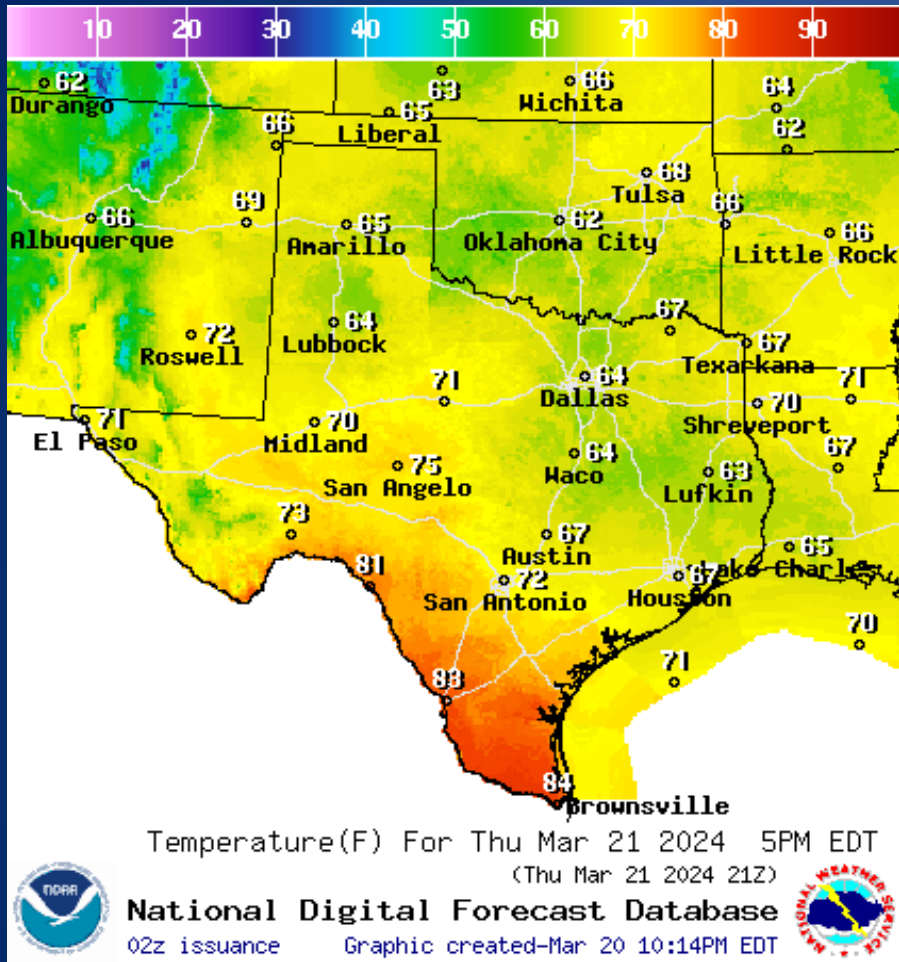
Informational Products Distributed by the State Operations Center

DATE	SUBJECT
03/20/24	NWS Corpus Christi: Marginal Risk Severe Weather
03/20/24	NWS West Gulf RFC: Widespread Rainfall Forecast Tomorrow with Scattered Minor River Flooding
03/20/24	NWS Austin/San Antonio: NWS Situation Report: Severe Thunderstorm Risk Thursday
03/20/24	NWS Houston/Galveston: Strong to Severe Storms Possible Late Tonight and Thursday
03/20/24	NWS Corpus Christi: Marginal to Slight Risk of Severe Weather Update

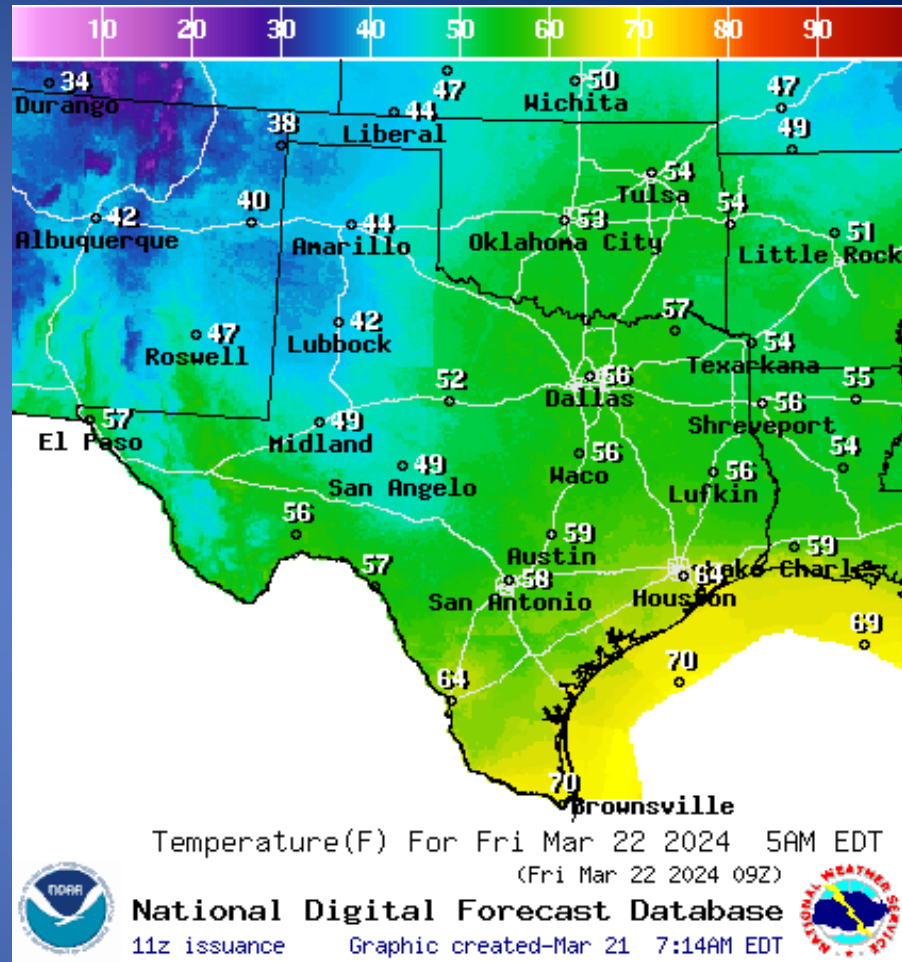
Informational Products Distributed by the State Operations Center

DATE	SUBJECT
03/20/24	NWS San Angelo: Public Information Statement - NWS Damage Survey for 03/15/2024 Tornado Event
03/21/24	NWS Austin/San Antonio: Situation Report - Severe Storms Possible Thursday Evening
03/21/24	Daily NWS Threat Brief for Thurs., March 21, 2024, for FEMA Region 6
03/21/24	NWS Lake Charles, LA: Severe Weather and Excessive Rainfall Threat Today
03/21/24	NWS Brownsville: Announcement - Operational Implementation of NWPS
03/21/24	NWS Corpus Christi: Severe Thunderstorm Watch

Weather Forecast

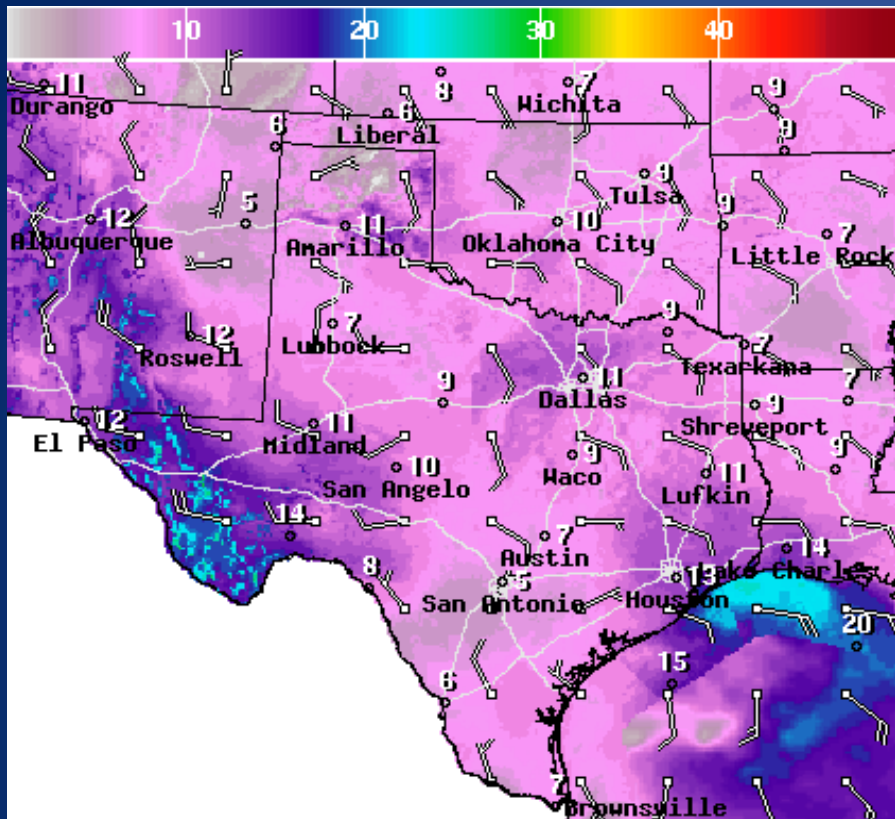


Highs



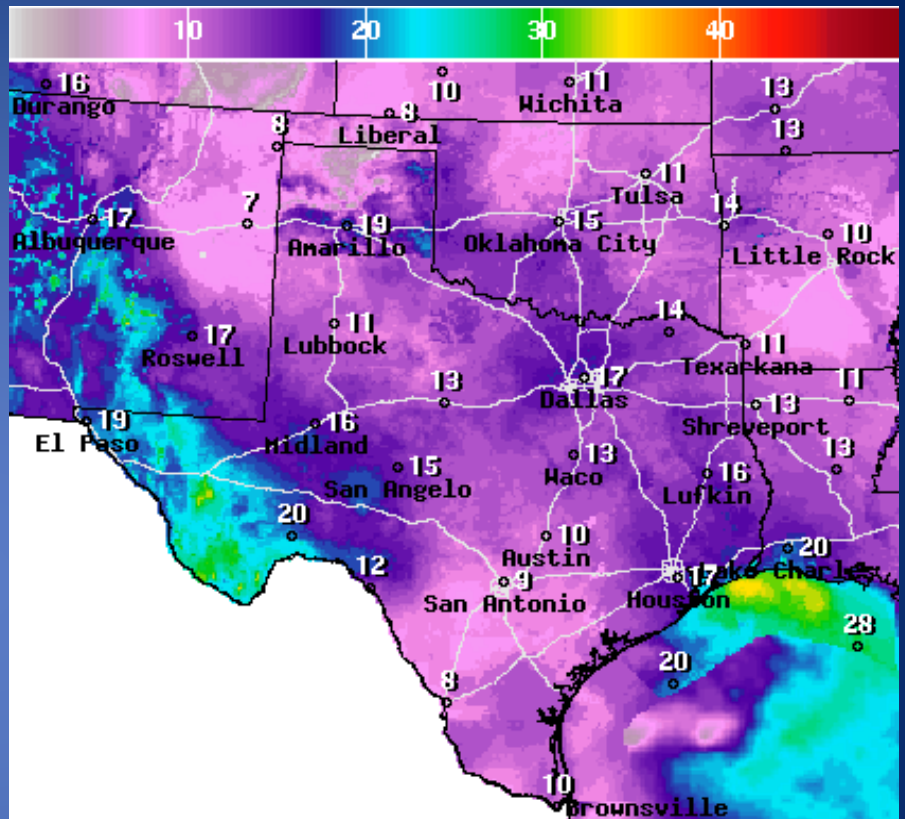
Lows

Weather Forecast



WindSpd(Kts) & WindDir For Thu Mar 21 2024 5PM EDT
(Thu Mar 21 2024 21Z)
National Digital Forecast Database
11z issuance Graphic created-Mar 21 7:19AM EDT

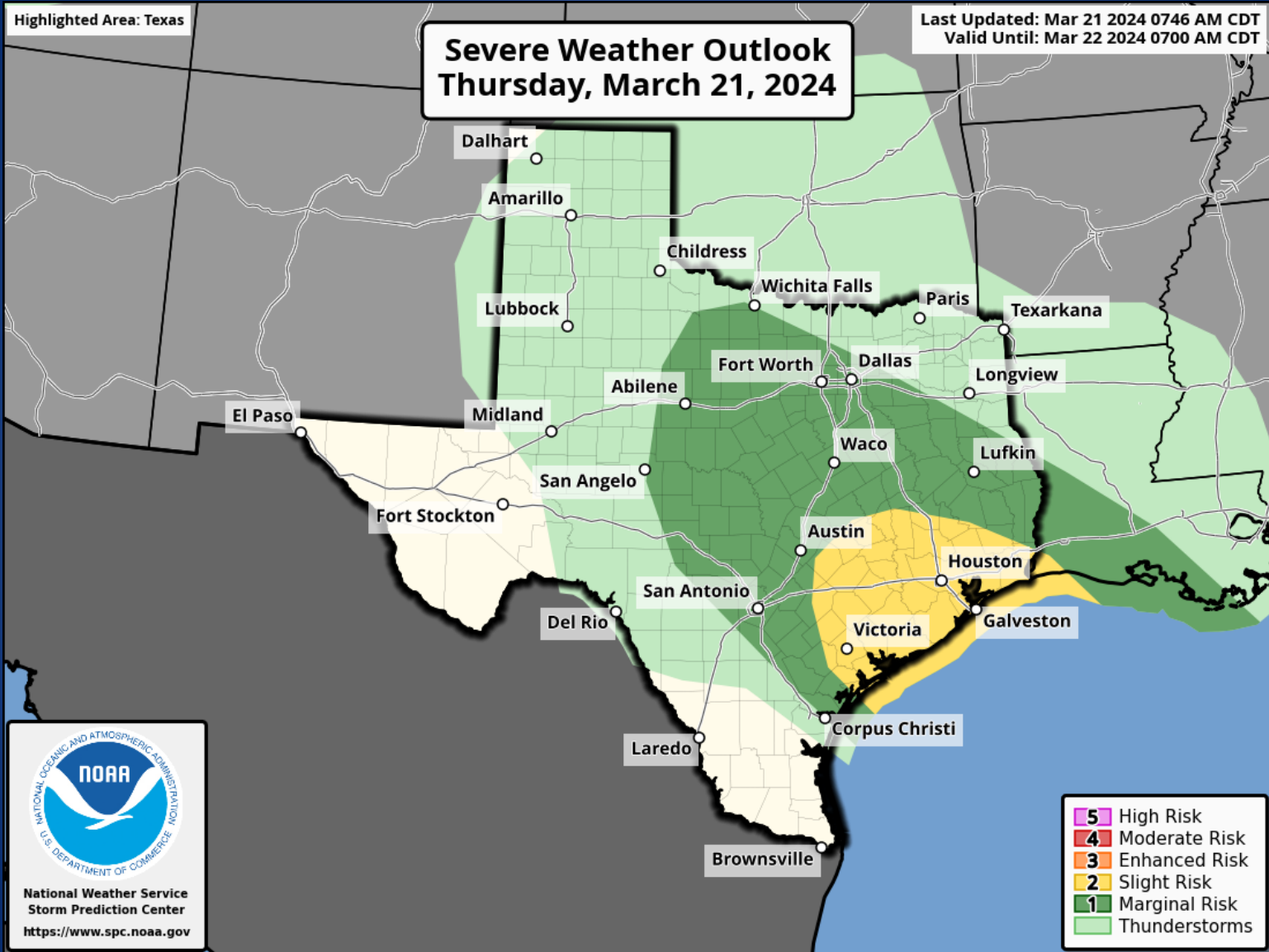
Wind Speeds



Wind Gust(Kts) Thu Mar 21 2024 5PM EDT
(Thu Mar 21 2024 21Z)
National Digital Forecast Database
11z issuance Graphic created-Mar 21 7:22AM EDT

Gusts

Hazardous Weather



Hazardous Weather

Severe Storms Possible Thursday

Timing: 3 PM to 9 PM

Weather Forecast Office
Norman, OK
Issued Mar 21, 2024 2:39 AM CDT



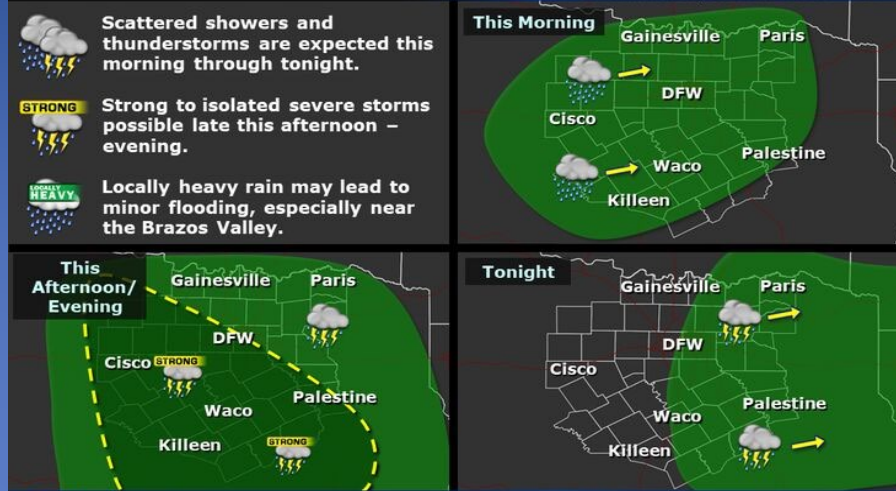
NWSNorman

weather.gov/norman

A few strong to marginally severe storms are possible this afternoon and early evening across north Texas, mainly in areas south of Wichita Falls. Hail to the size of quarters will be the primary threat.

Wet and Stormy Today

Weather Forecast Office
Fort Worth, TX
Issued March 21, 2024 6:29 AM CT



NWSFortWorth

weather.gov/fortworth

A rainy and stormy day is expected today. Expect rain showers this morning with thunderstorms developing in the afternoon/evening. A few storms may become strong to marginally severe and be capable of producing hail and gusty winds. Thunderstorms will move east during the overnight and exit into East Texas by Friday morning. Locally heavy rainfall will be possible at times under the stronger storms. On average, 0.75" to 1.5" is expected along/east of I-35 through Friday morning with locally higher amounts. Lesser amounts are expected west of I-35.

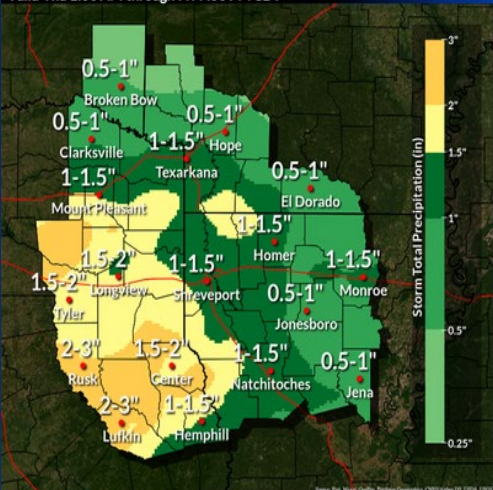
Hazardous Weather

Potential Rainfall Amounts

Valid Thu 1:00 AM through Fri 7:00 PM CDT

Weather Forecast Office
Shreveport, LA

Issued March 20, 2024 5:22 PM CST



KEY MESSAGES

WHAT... A slow moving low pressure system will bring pockets of heavy rain and embedded thunderstorms

WHEN... Precipitation could begin in some areas Thursday morning, but potential for heavy rainfall is highest Thursday Night

IMPACTS

- A Marginal Risk for Flash Flooding, but mainly across Deep East TX
- Some small hail cannot be ruled out with thunderstorms Thursday afternoon through early Friday

RISK OF FLOODING RAINS



NWSShreveport

weather.gov/shv

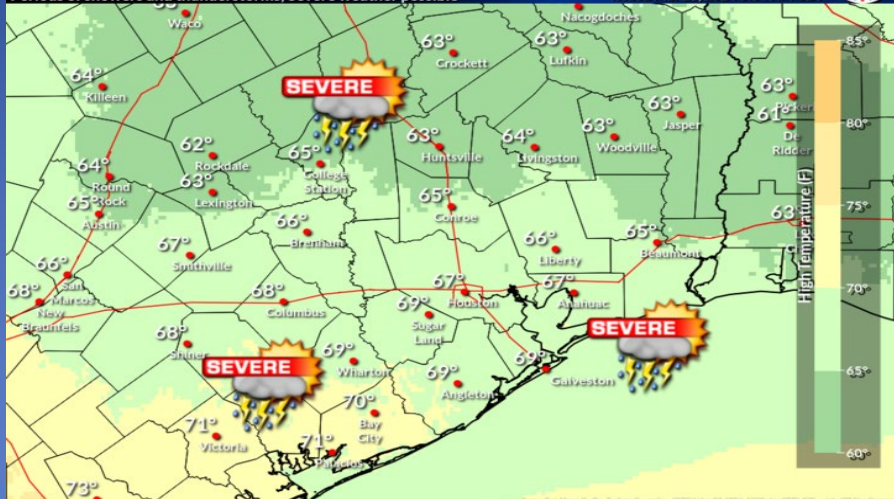
A slow-moving, low-pressure system will bring pockets of heavy rain and embedded thunderstorms to the Four State region, mainly Thursday afternoon through early Friday. Isolated rainfall totals of over 2 inches are more likely across portions of East and Deep East TX, where there will be a Marginal Risk of Flash Flooding.

Today

Periods of showers and thunderstorms; Severe weather possible

Weather Forecast Office
Houston/Galveston TX

Issued Mar 21, 2024 5:04 AM CDT

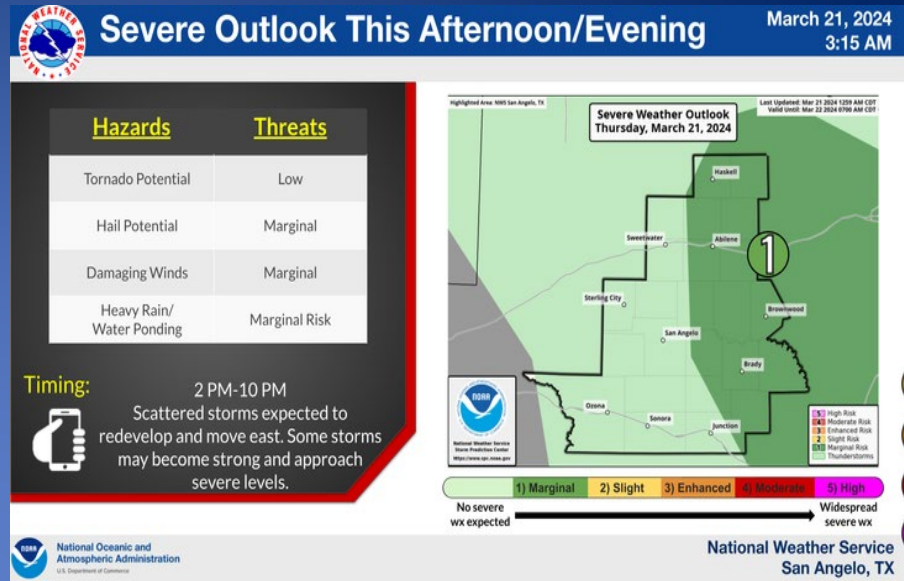
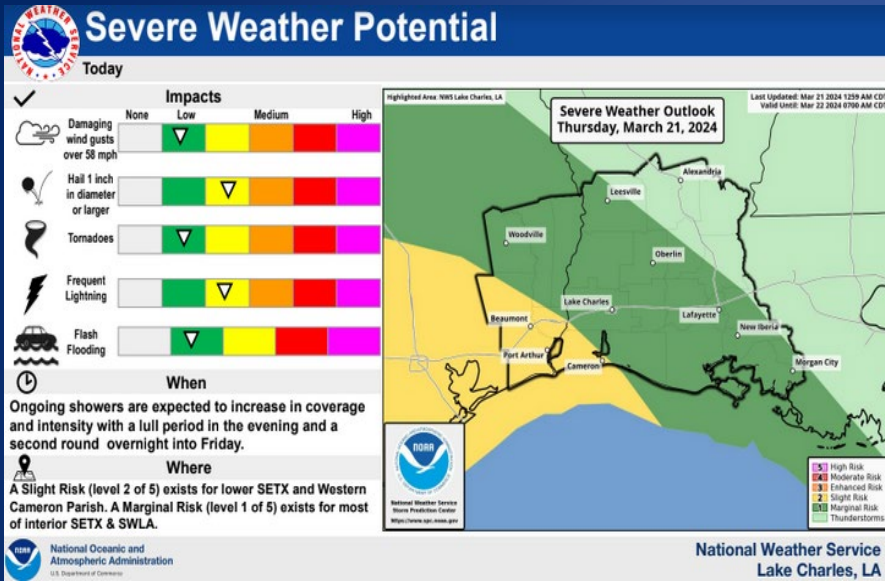


@NWSHouston

weather.gov/hgx

Forecast for Today: widespread showers and thunderstorms; some storms could be strong to severe

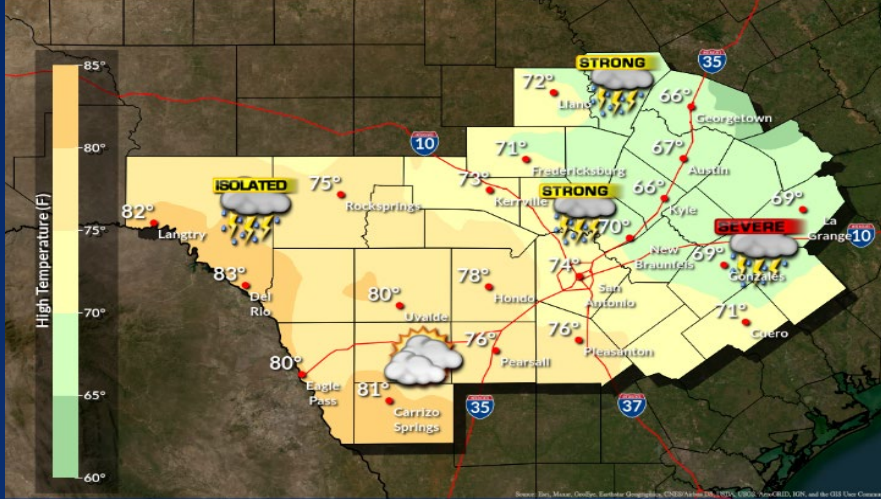
Hazardous Weather



Scattered to numerous thunderstorms are expected to redevelop this afternoon and evening. A few of these storms may become strong or approach severe levels, with large hail the main concern.

Hazardous Weather

Thursday: Storms Late/Some Strong/Severe Weather Forecast Office Austin/San Antonio, TX
Greatest threat for severe storms over the Coastal Plains Issued Mar 21, 2024 2:30 AM CDT



Cloudy skies and cooler temperatures can be expected on Wednesday. Showers will be possible late, mainly after sunset.

Severe Thunderstorm Watch

Valid Until
1:00 PM CDT Thursday
March 21, 2024

Threat Information

- HAIL**
Scattered Hail Up To Two Inch Size Possible
- WIND**
Isolated Gusts Up To 60 MPH Possible
- LIGHTNING**
Frequent Lightning Possible

Potential Exposure

- Population: 1,527,293
- Schools: 466
- Hospitals: 31



A Severe Thunderstorm Watch has been issued for the northern Coastal Bend and Victoria Crossroads until 1 pm. The most likely hazard will be large hail. There is also a chance of damaging winds and a very low chance of a tornado.

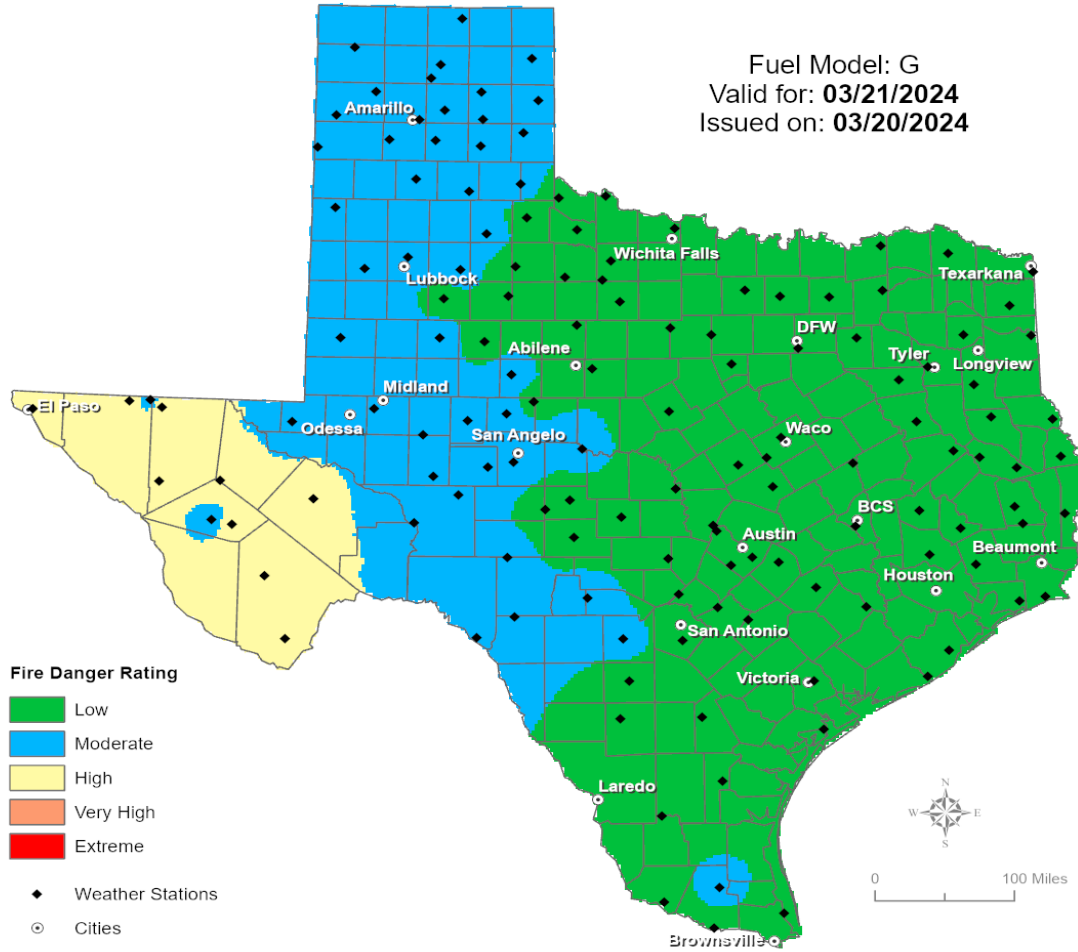
Weather Warnings/Advisories Issued

DATE	WARNING TYPE	LOCATION
03/20/24	Flood Warning	Delta and Hopkins Counties

Fire Danger Forecast

Forecast Fire Danger

Fuel Model: G
Valid for: **03/21/2024**
Issued on: **03/20/2024**

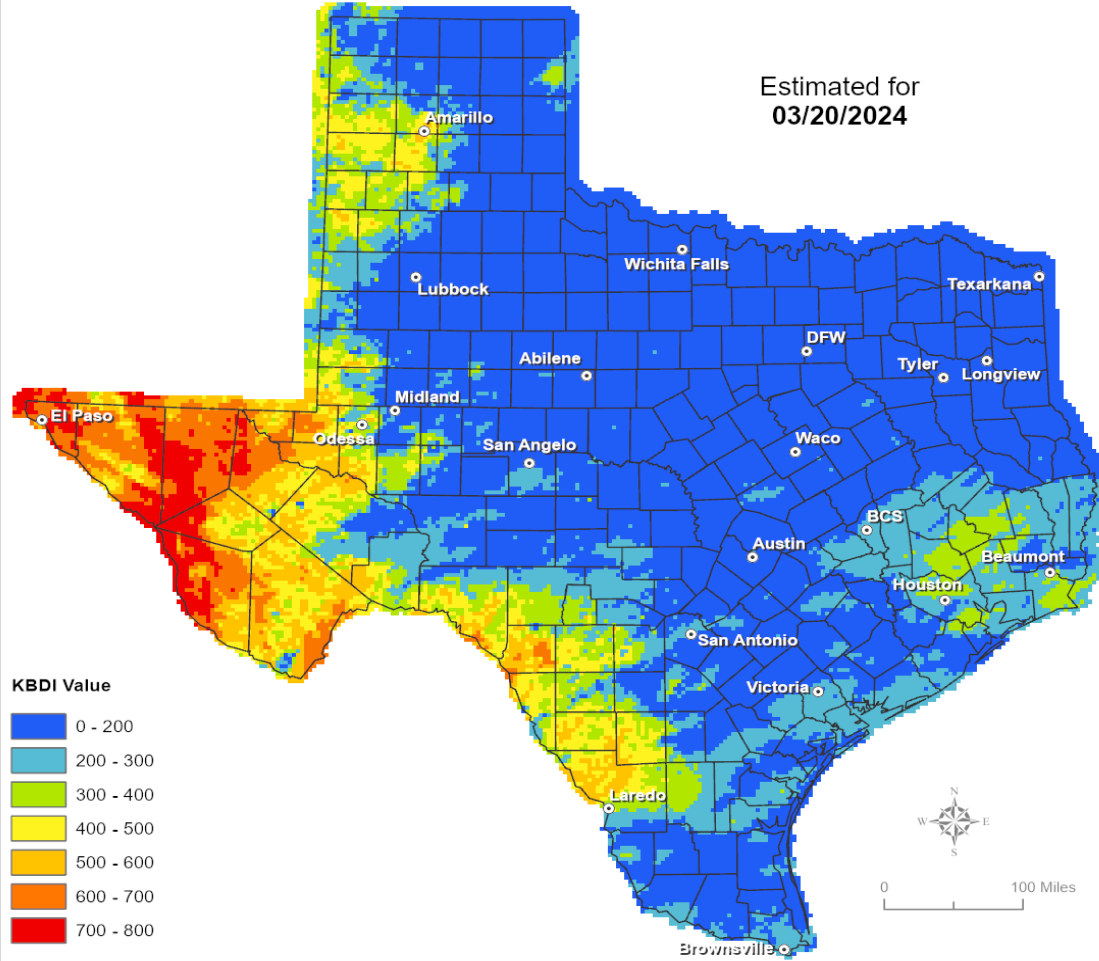


Keetch-Byram Drought Index

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
03/20/2024

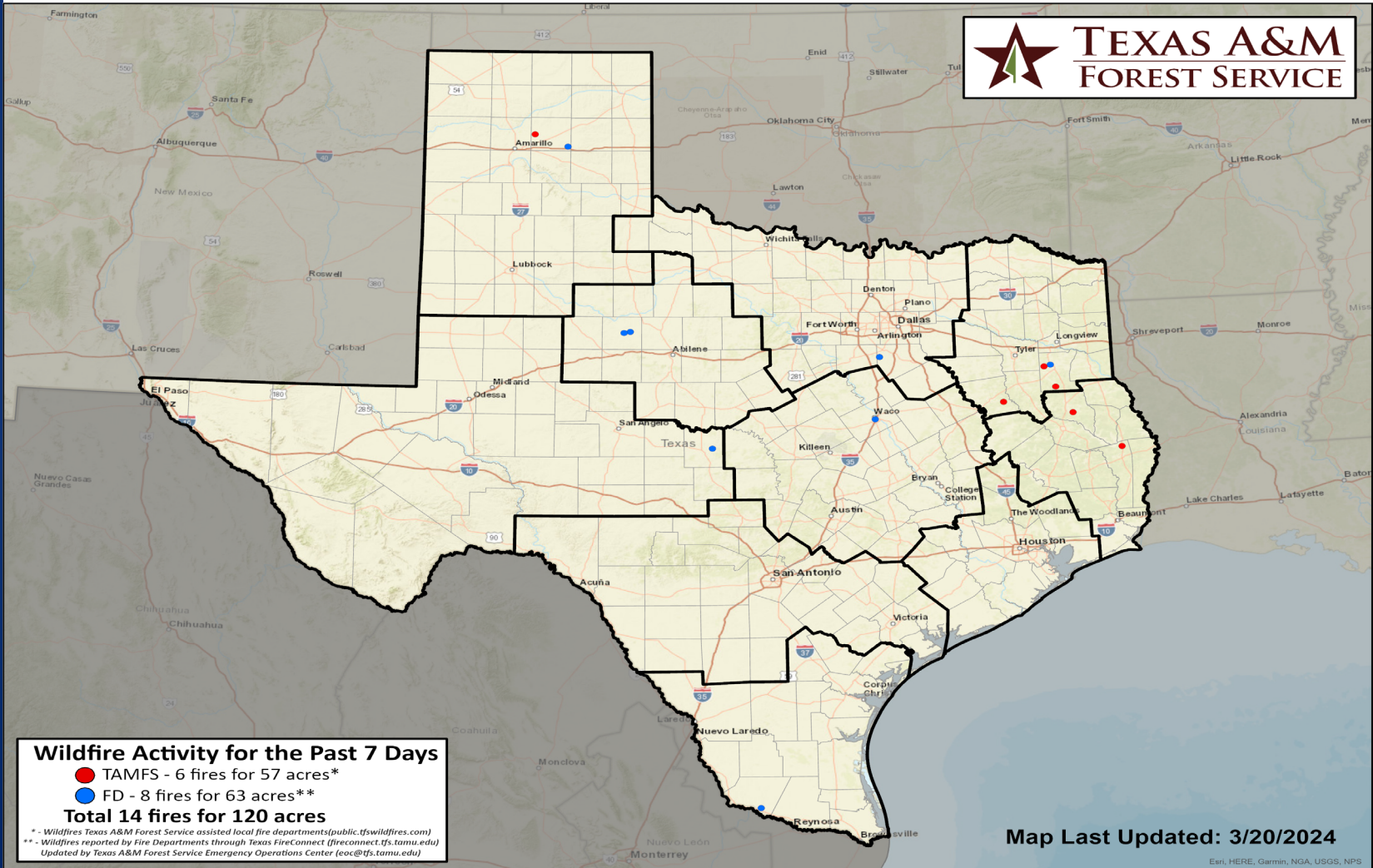


KBDI Value



Fire Activity (*Last 24 Hours)

Report of 155 (+1) fires and 1,251,800 (+2) acres have been burned this year. There are 73 (No Change) counties with burn bans. The Keetch-Byram Drought Index list contains 16 (No Change) counties with an average over 400.



Wildfire Activity for the Past 7 Days

● TAMFS - 6 fires for 57 acres*

● FD - 8 fires for 63 acres**

Total 14 fires for 120 acres

* - Wildfires Texas A&M Forest Service assisted local fire departments(public.tfwildfires.com)

** - Wildfires reported by Fire Departments through Texas FireConnect (fireconnect.tfs.tamu.edu)

Updated by Texas A&M Forest Service Emergency Operations Center (eoc@tfs.tamu.edu)

Map Last Updated: 3/20/2024

Eri, HERE, Garmin, NGA, USGS, NPS

Training

DATES		TITLE	COURSE	LOCATION
03/18/24	04/04/24	Intermediate Incident Command System for Expanding Incidents	G/ICS-300	Austin
03/18/24	03/23/24	Community emergency Response Team (CERT) Course	G-317	Kyle
03/18/24	03/22/24	HazMat Technician (Certification Course)	H-501	Georgetown
03/18/24	03/22/24	All-Hazards Incident Management Team	O-305	San Antonio
03/18/24	03/22/24	HazMat Technician (Certification Course)	H-501	Decatur
03/18/24	03/22/24	Texas EMC Response to Recovery	TX-2000	TDEM Region 4
03/19/24	03/21/24	Texas Disaster Accounting 101	T-600	Victoria
03/19/24	03/21/24	Intermediate Incident Command System for Expanding Incidents, ICS 300	G/ICS-300	Alvin
03/20/24	03/22/24	Advanced Incident Command System for Complex Incidents, ICS 400	G/ICS-400	Brownsville

Training

DATES		TITLE	COURSE	LOCATION
03/20/24	03/21/24	Homeland Security Exercise and Evaluation Program (HSEEP) Basic Course	L-146	Sinton
03/20/24	03/21/24	Medical Management of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events	PER-211	Brownwood
03/20/24	03/21/24	Medical Management of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events	Per-211	Brownwood
03/20/24	03/21/24	Advanced Incident Command System for Complex Incidents, ICS 400	G/ICS-400	Houston
03/21/24	03/22/24	Advanced Incident Command System for Complex Incidents, ICS 400	G/ICS-400	San Antonio
03/21/24	03/24/24	Texas EMC Response to Recovery	TX-2000	TDEM Region 3

Exercises

DATES		AGENCY/LOCATION	TYPE: EXERCISE NAME
03/21/24	03/21/24	North Central Texas Trauma Regional Advisory Council/NCTTRAC Region	Drill: Patient Tracking Drill