

# Texas Division of Emergency Management Texas State Operations Center



## Situation Awareness Brief



**Sunday, May 5<sup>th</sup>, 2024  
As of 0900 CDT**

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

<b>DATE</b>	<b>SUBJECT</b>	<b>LOCATION</b>
05/04/25	Preliminary Earthquake Report (M3.8)	Culberson County

## Informational Products Distributed by the State Operations Center

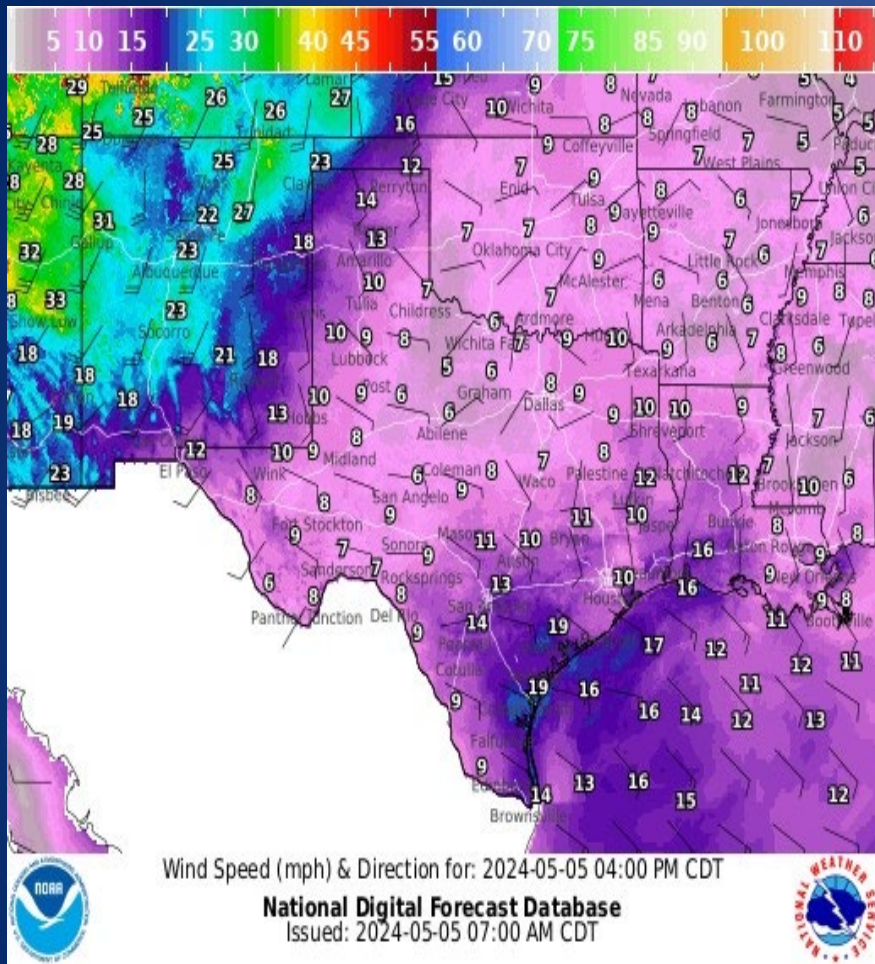
<b>DATE</b>	<b>SUBJECT</b>
05/04/25	NWS Houston/Galveston: Heavy Rainfall Expected Tonight – Sunday
05/04/25	NWS Fort Worth: Heavy Rainfall/Flooding & Severe Threat through Tonight
05/04/25	NWS El Paso, TX/Santa Teresa, NM: Saturday Situational Awareness Briefing for Fire Weather
05/04/25	NWS West Gulf RFC: More Heavy Rainfall Expected...Any Rainfall Over Southeast Texas Will Generate Runoff and Responses
05/04/25	NWS Austin/San Antonio: Severe Weather and Locally Heavy Rainfall Saturday Afternoon into Early Sunday
05/04/25	NWS Norman, OK: Severe Weather/Flooding Update - Saturday
05/04/25	NWS Austin/San Antonio: Severe Weather and Locally Heavy Rainfall Late this Afternoon/Early Evening into Sunday

# Informational Products Distributed by the State Operations Center

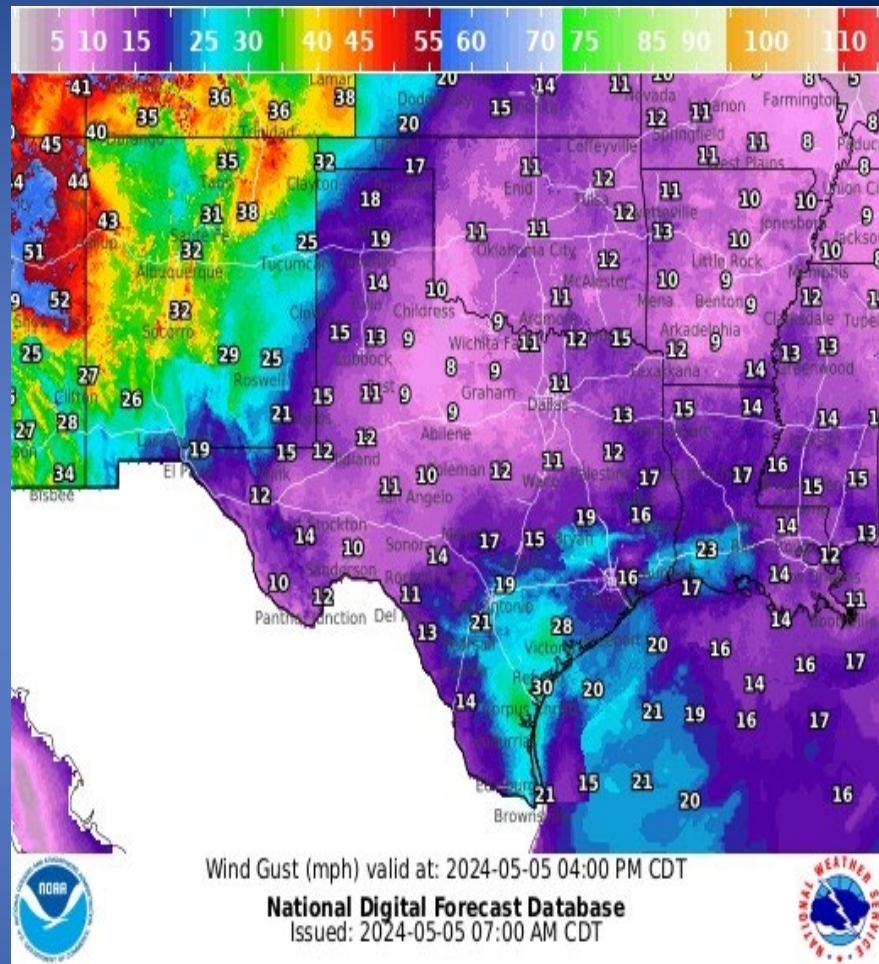
<b>DATE</b>	<b>SUBJECT</b>
05/04/25	NWS Houston/Galveston: 3PM Weather and River Update
05/04/25	NWS Houston/Galveston   Heavy Rainfall and Flooding Update - 6pm
05/04/25	NWS Lake Charles: Weather Briefing - Evening Update
05/05/25	NWS Lake Charles, LA: Decision Support Packet May 5th 5:39am
05/05/24	NWS Austin/San Antonio: Severe Weather and Locally Heavy Rainfall Sunday
05/05/24	Daily NWS Threat Brief for FEMA Region 6



# Weather Forecast



## Wind Speeds



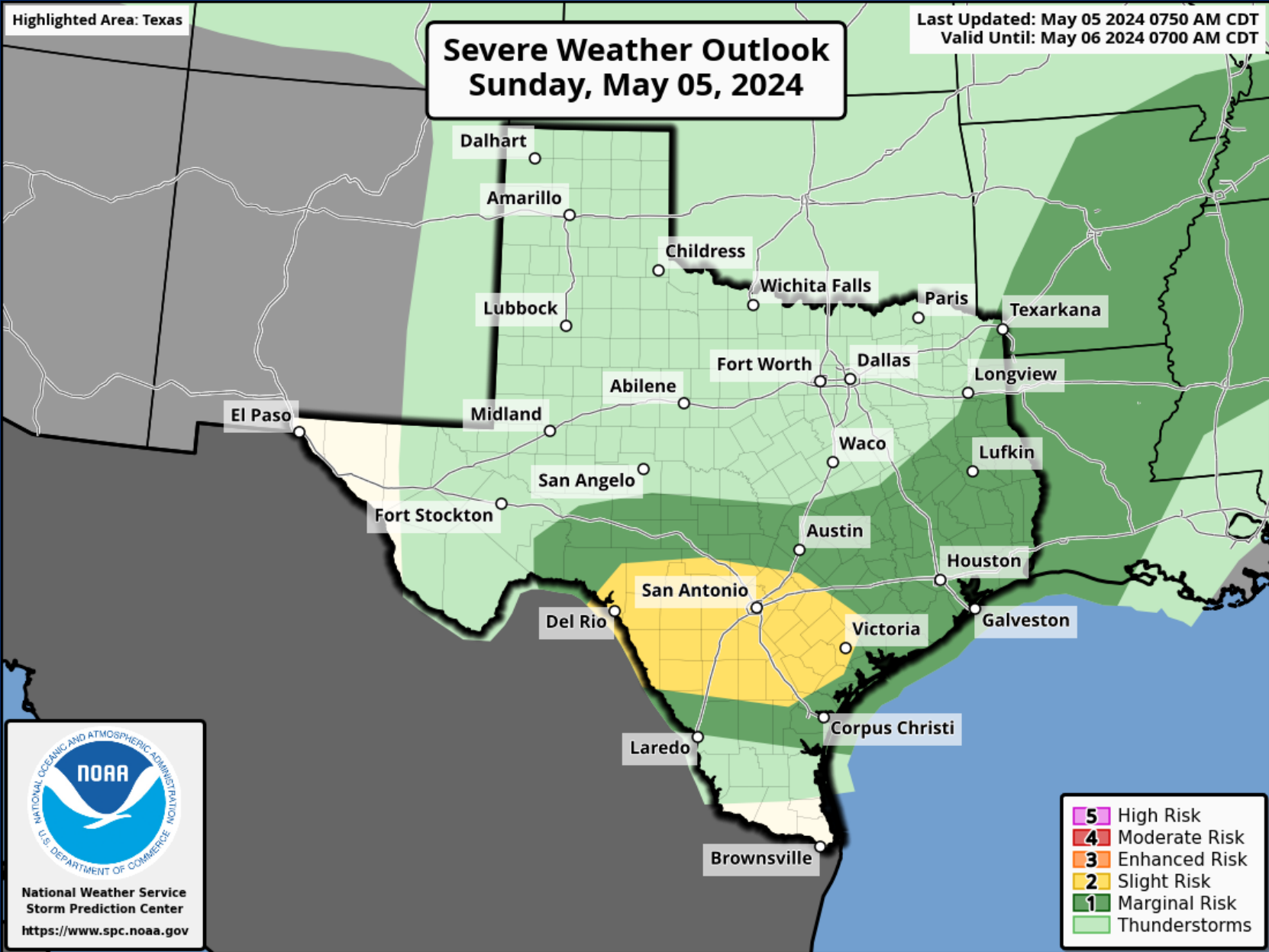
## Gusts

# Hazardous Weather

Highlighted Area: Texas

Last Updated: May 05 2024 0750 AM CDT  
Valid Until: May 06 2024 0700 AM CDT

## Severe Weather Outlook Sunday, May 05, 2024



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

**NOAA**

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



## Flood Watch

May 5, 2024  
5:35 AM

Through 7:00 PM this evening.

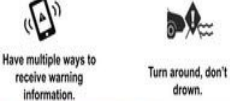
### Key Message

Conditions will be favorable for Flash Flooding. Expect additional rainfall amounts of 1 to 3 inches with localized areas of **6 inches**, primarily over Southeast Texas.

### Hazards



### Actions



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

National Weather Service  
Lake Charles, LA

**Additional rainfall today will likely bring more flooding to southeast Texas as 1 to 3 inches will be possible, with locally higher amounts up to 6 inches.**



## Today: Excessive Rainfall Outlook

May 5, 2024  
5:35 AM

1 to 3 inches with isolated higher amounts up to 6 inches.

### What

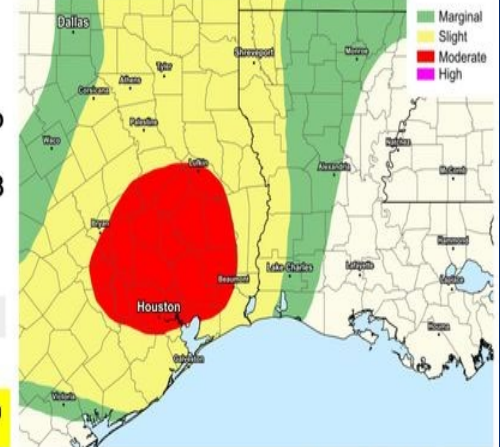
- **Moderate Risk (level 3 of 4) - Portions of Southeast Texas**
- **Slight Risk (level 2 of 4) - Remainder of Southeast Texas into far west Louisiana**
- **Additional rainfall amounts - 1 to 3 inches with up to 6 inches locally, primarily over southeast Texas.**

### Where

Southeast Texas, Western Louisiana.

**Where Water Covers The Roadway - Turn Around, Don't Drown!**

### Today



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

National Weather Service  
Lake Charles, LA

**A moderate risk has been outlined across southeast Texas for excessive rainfall potential.**



# Hazardous Weather

## Flood Watch in Effect

Through Sunday Evening

Weather Forecast Office  
Houston/Galveston TX  
Issued May 04, 2024 1:13 PM CDT



### FLOOD WATCH

In effect through Sunday Evening

- More rounds of showers/storms can be expected, especially tonight and Sunday.
- An additional 1-3" with locally higher amounts of 4-8" are possible through Sunday.
- Extensive moderate to major river flooding continues, and any additional rainfall will aggravate already flooded areas.

### IMPACTS AND ACTIONS

- Excessive runoff has resulted in flooding of rivers, creeks, streams, and other low-lying and flood-prone locations, particularly urban areas.
- Monitor latest forecast updates and be prepared.

Source: Esri, DeLorme, GeoEye, (GeoEye), IGN, Intermap, (Intermap), CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community  
weather.gov/hgx

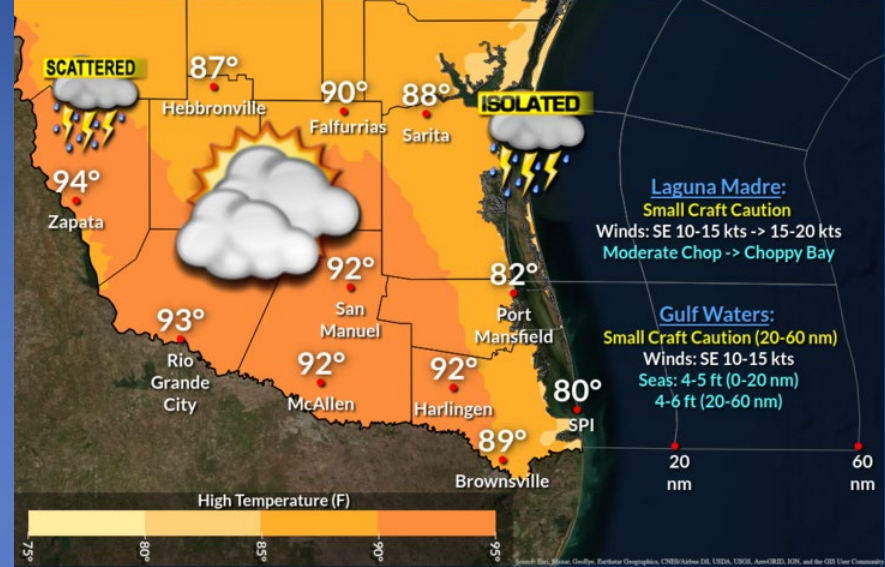
@NWSHouston

**A Flood Watch remains in effect through Sunday evening. Do not drive across flooded roads!**

## Today | Partly Sunny & Very Warm

Isolated to Scattered Storms | Slightly Adverse Marine Conditions for Mariners

Weather Forecast Office  
Brownsville/RGV, TX  
Issued May 05, 2024 3:36 AM CDT

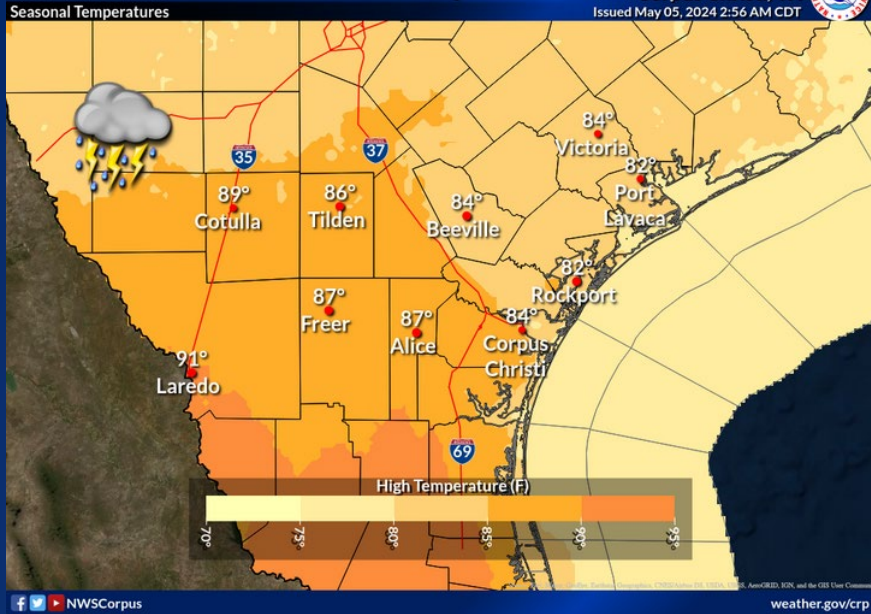


@NWSBrownsville

**Very warm temperatures and partly sunny skies will occur today. Isolated to scattered showers and thunderstorms, mainly north across the ranchlands. Meanwhile, along the Lower Texas Coast, mariners can expect moderate winds and seas with Small Craft Should Exercise Caution conditions on the Laguna Madre and the offshore Gulf waters.**

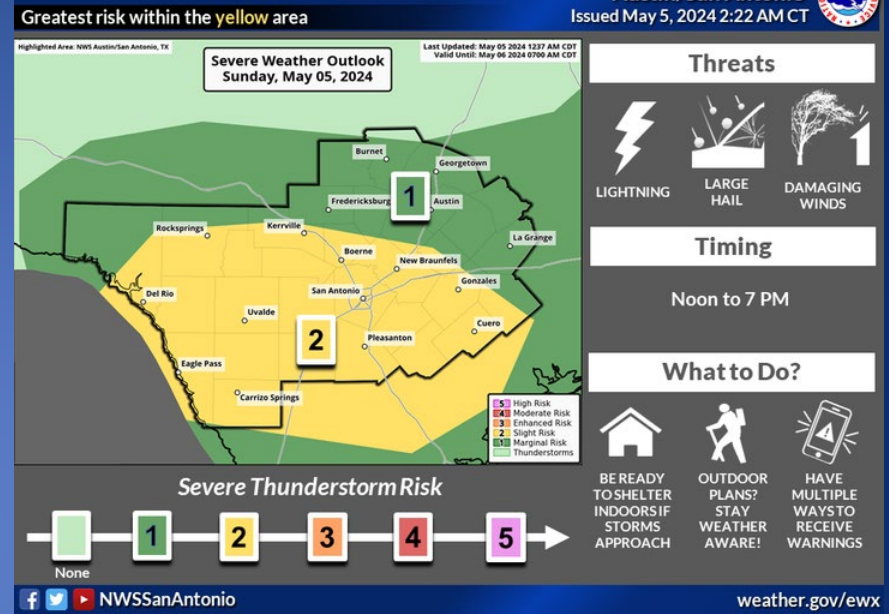
# Hazardous Weather

## Scattered Storms Possible Today



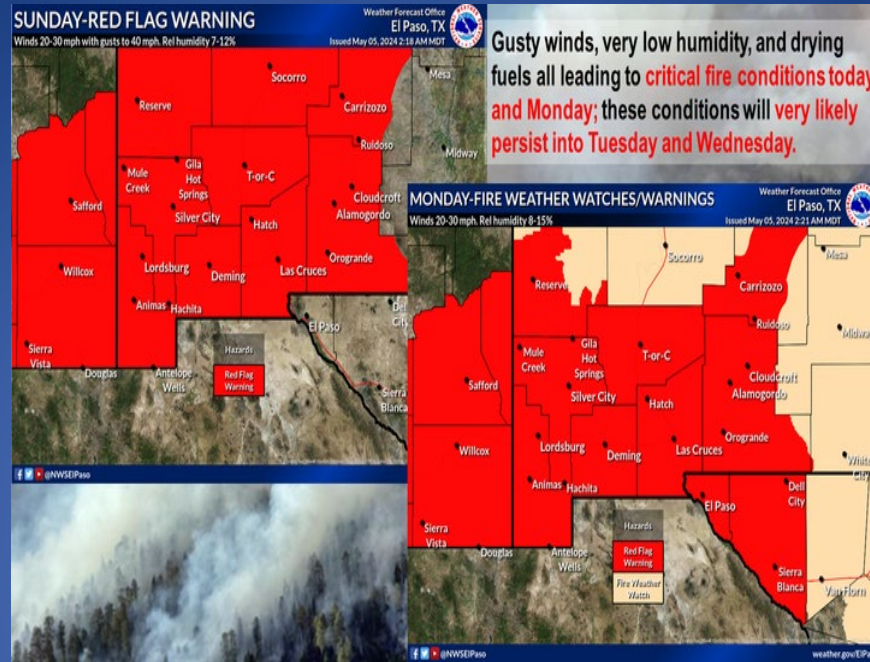
Scattered showers and thunderstorms are possible across the area today. A few storms could be strong to severe. High temperatures will be mainly in the 80s, but near 90 in the Rio Grande Plains.

## Isolated Severe Storms Possible Sunday Afternoon



Early morning storms on Sunday will move east of the area. After a brief break, scattered afternoon showers and storms are forecast to re-develop. Isolated storms could become severe, producing large hail and damaging wind gusts. There is a Level 2 out of 5 risk for severe storms through portions of the southern Hill Country, southern I-35 corridor, Rio Grande, and Coastal Plains.

# Hazardous Weather



# Weather Warnings/Advisories Issued

<b>DATE</b>	<b>WARNING TYPE</b>	<b>LOCATION</b>
05/04/24	Flood Warning	Gregg, Hardin, Harrison, Panola and Rusk
05/04/24	Severe Thunderstorm Warning	Archer, Borden, Callahan, Clay, Coleman, Comanche, Concho, Crane, Crockett, Eastland, Ector, Glasscock, Hamilton, Haskell, Jeff Davis, Jones, Kent, King, Knox, Loving, McCulloch, Midland, Pecos, Reagan, Reeves, Runnels, San Saba, Schleicher, Scurry, Stonewall, Sutton, Taylor, Terrell, Upton, Val Verde Ward, Wichita and Winkler Counties
05/04/24	Tornado Watch	Brewster, Pecos, Reeves, Terrell and Val Verde Counties
05/04/24	Tornado Warning	Coleman, Concho, Crockett, McCulloch, Midland, Pecos, Reagan, Sutton, Terrell and Upton Counties
05/04/24	Flash Flood Warning	Borden, Bosque, Brown, Coleman, Concho, Coryell, Dawson, Eastland, Hamilton, Howard, Lampasas, Martin, McCulloch, Mills, Mitchell, Pecos, Reagan, Runnels, San Saba, Scurry, Taylor, Terrell and Upton Counties

# Weather Warnings/Advisories Issued

<b>DATE</b>	<b>WARNING TYPE</b>	<b>LOCATION</b>
05/04/24	Flood Advisory	Brazos, Brown, Callahan, Coleman, Concho, Grimes, Harris, Haskell, Jones, Kent, Liberty, Montgomery, Polk, Runnels, San Jacinto, Shackelford, Stonewall, Taylor, Throckmorton, Walker, Waller, Wichita and Washington Counties
05/05/24	Severe Thunderstorm Warning	Angelina, Augustine, Brazos, Grimes, Hardin, Harris, Houston, Jasper, Liberty, Madison, Montgomery, Nacogdoches, Newton, Polk, San Augustine, San Jacinto, Trinity, Tyler, Walker, Waller and Washington Counties
05/05/24	Flash Flood Warning	Brown, Coleman, Collin, Concho, Dallas, Denton, Eastland, Grimes, Hamilton, Hardin, Hill, Houston, Hunt, Jasper, Johnson, Madison, McLennan, McCulloch, Montgomery, Newton, Polk, Rockwall, San Jacinto, Tarrant, Trinity, Tyler and Walker Counties
05/05/24	Flood Advisory	Bell, Burnet, Dallas, Denton, Grimes, Houston, Kimble, Madison, Mason, McCulloch, Menard, Montgomery, Polk, San Saba, San Jacinto, Tarrant, Trinity and Walker Counties

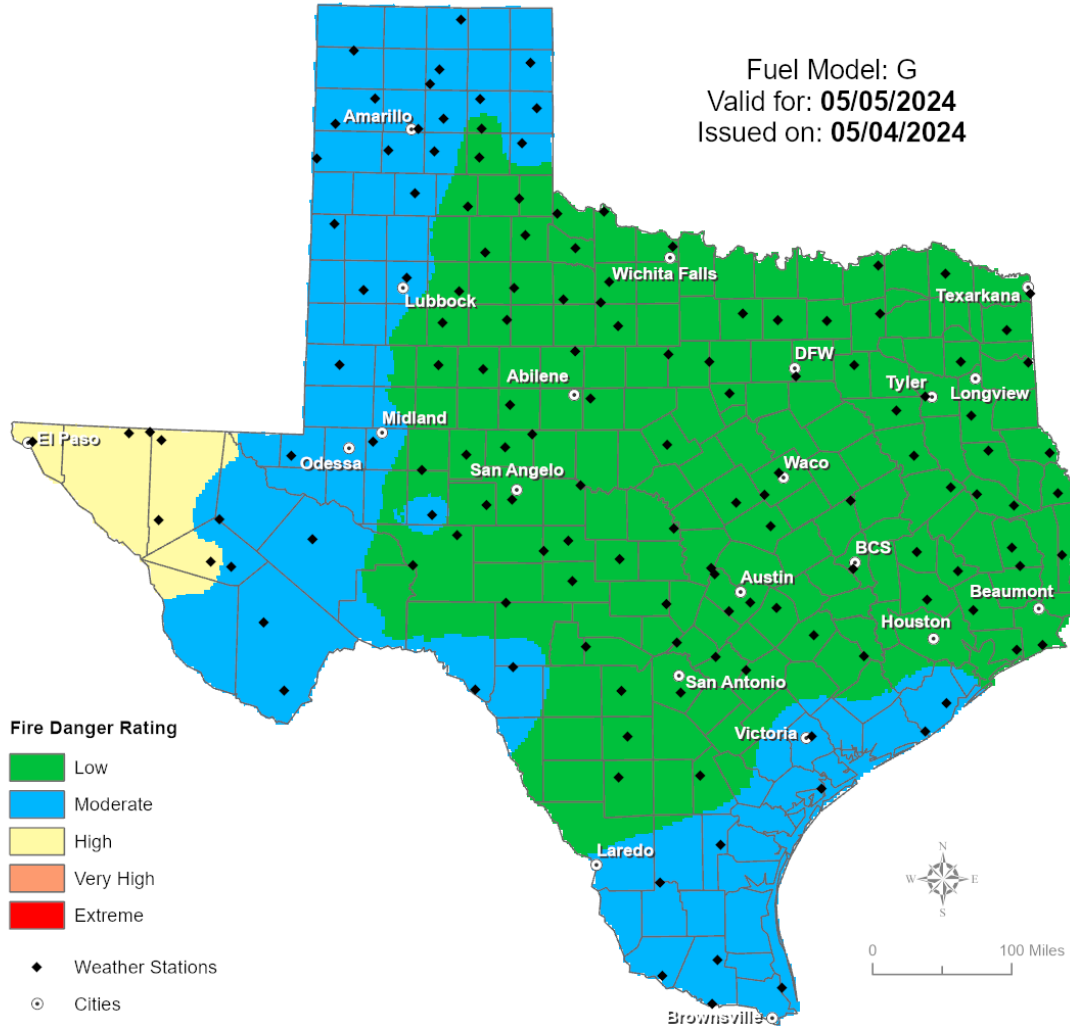
# Weather Warnings/Advisories Issued

<b>DATE</b>	<b>WARNING TYPE</b>	<b>LOCATION</b>
05/05/24	Flood Warning	Bosque, Coryell, Dallas, Hamilton, Johnson, Lampasas, Limestone, McLennan, Mills, Navarro and Tarrant Counties

# Fire Danger Forecast

## Forecast Fire Danger

Fuel Model: G  
Valid for: **05/05/2024**  
Issued on: **05/04/2024**



# Burn Ban

## OUTDOOR BURN BANS

May 04, 2024

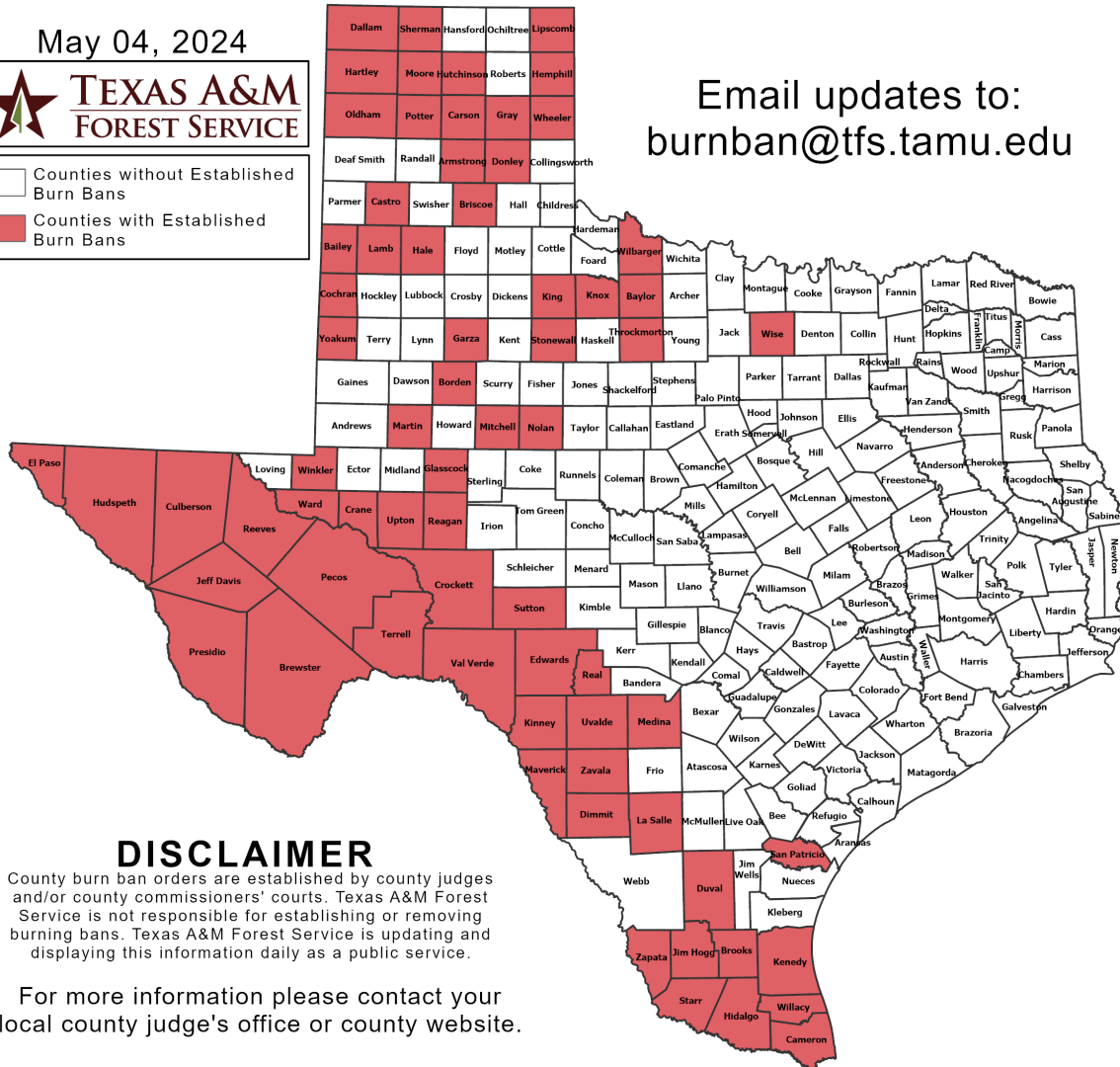


Counties without Established Burn Bans  
 Counties with Established Burn Bans

Email updates to:  
[burnban@tfs.tamu.edu](mailto:burnban@tfs.tamu.edu)

### Counties with Burn Bans: 70

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



### 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](http://www.weather.gov)  
 Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

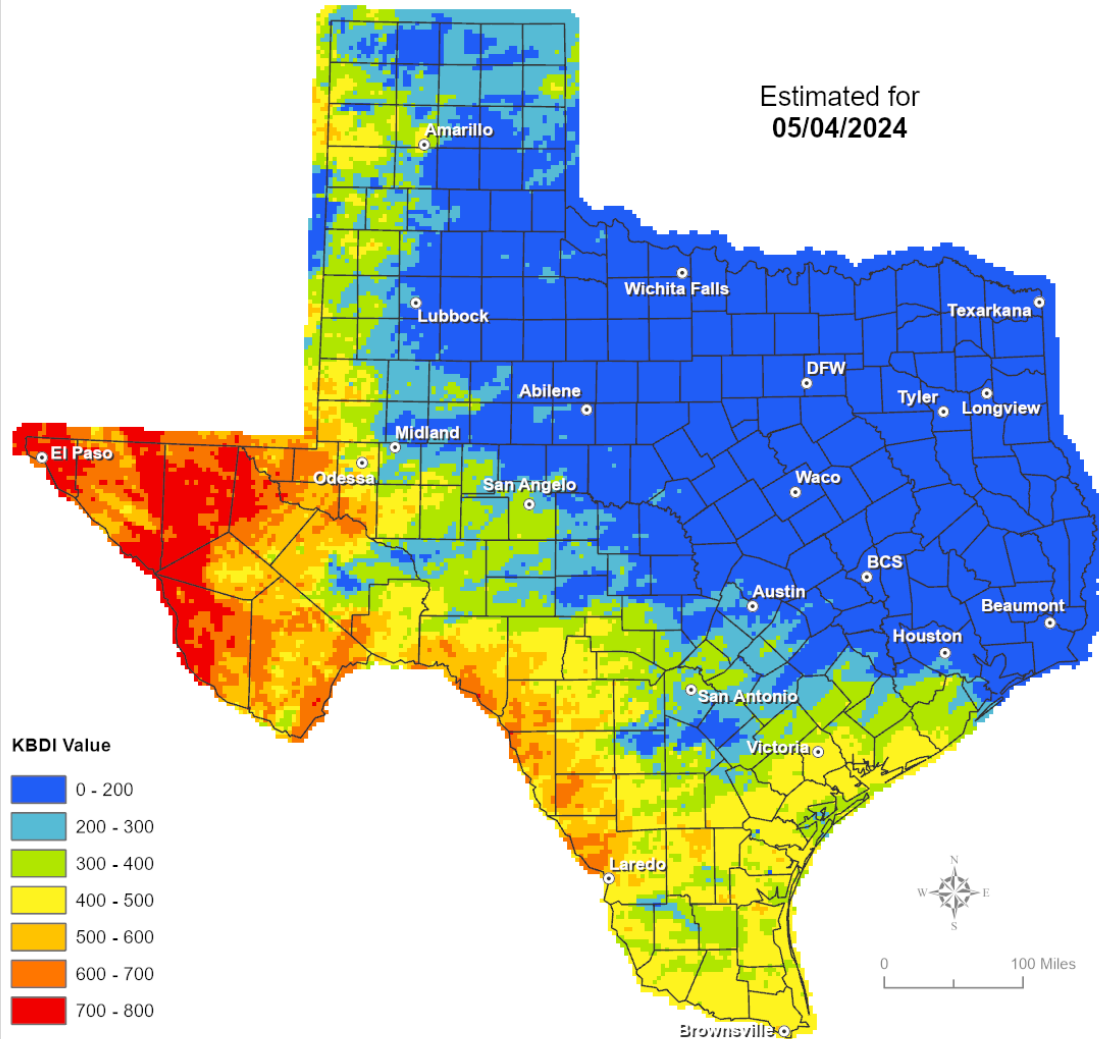


# Keetch-Byram Drought Index

## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
05/04/2024

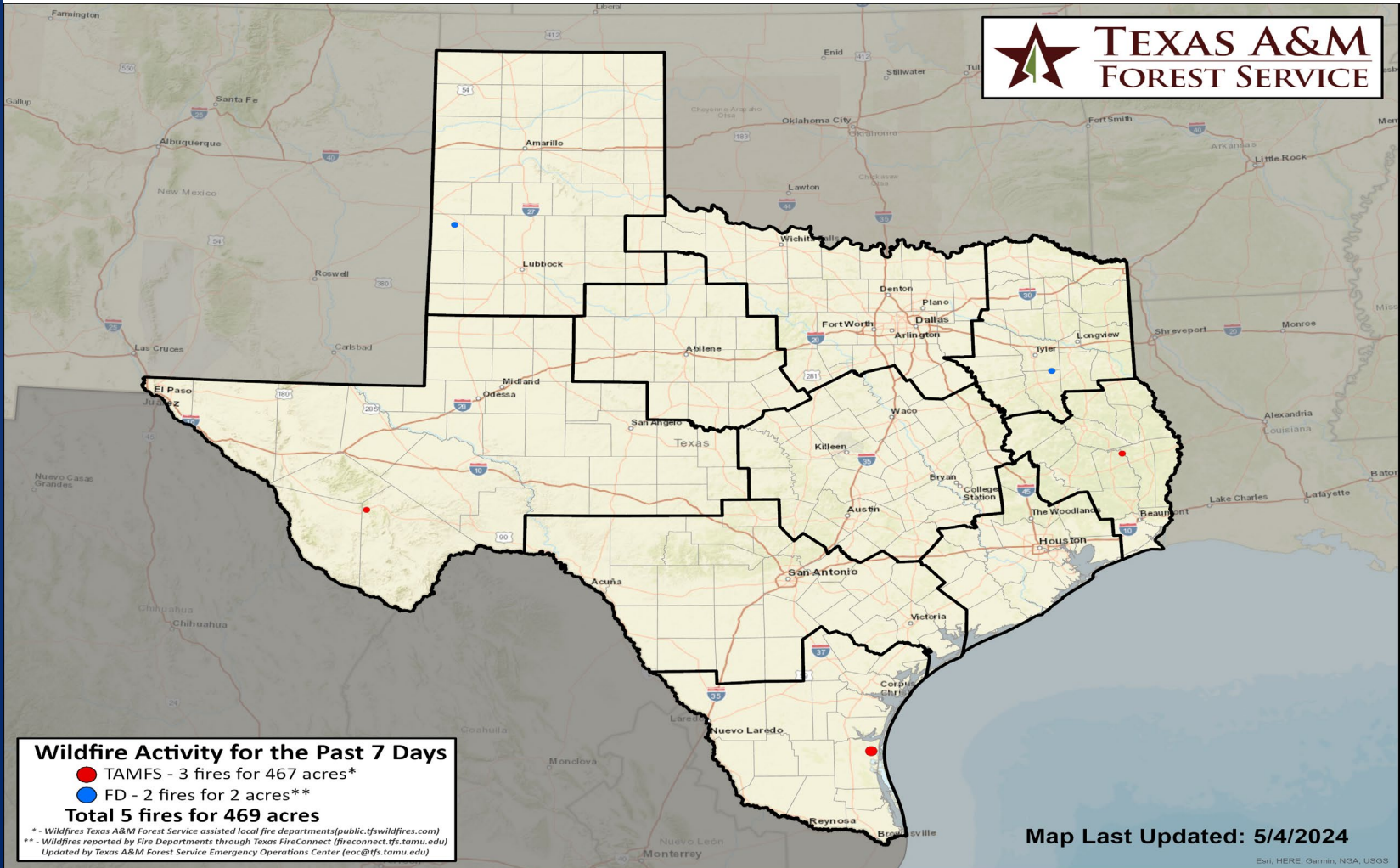


# Fire Weather Warnings/Watches/Statements

<b>DATE</b>	<b>WARNING TYPE</b>	<b>LOCATION</b>
05/05/24	Red Flag Warning	El Paso and Hudspeth Counties

# Fire Activity (\*Last 24 Hours)

Report of 175 (No Change) fires and 1,247,731 (No Change) acres have been burned this year. There are 70 (No Changes) counties with burn bans. The Keetch-Byram Drought Index list contains 45 (+1) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
04/09/24	05/08/24	Texas EMC Response to Recovery	TX-2000	Region 6
04/11/24	05/17/24	Texas EMC Response to Recovery	TX-2000	Bryan

# Statewide Significant Events

DATES		LOCATION	EVENT
05/02/24	05/05/24	Fort Worth	Mayfest