



# FEMA



Prepared by  
*Mark Wiley*

# FEMA Region 6 Weather Threat Briefing

Tuesday, June 18, 2024

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).





# Summary of the Upcoming Week

- **Heavy rainfall/flash flooding likely in S/SE TX through Wednesday, spreading to SW TX Thursday. Flash flooding over the burn scar areas of NM Thu/Fri.**
- **Elevated fire weather conditions in W NM today.**
- **Moderate with isolated Major river flooding in E TX.**
  
- **PTC One in the Bay of Campeche is expected to make landfall in northern Mexico midweek. Heavy rain, coastal flooding, rip currents across the Gulf Coast from S TX into LA.**
- **A broad area of low pressure is expected to develop in the SW Gulf of Mexico this weekend. Gradual strengthening possible early next week as the system moves N/NW. Low chance of development (20%) in the next 7 days.**





# FEMA Region 6 Threat Matrix

Next 5 Days

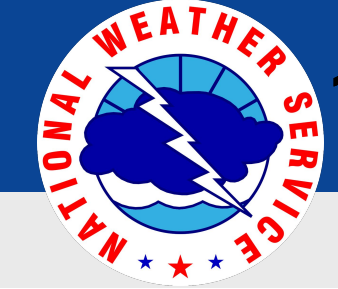
	Tuesday, Jun 18	Wednesday, Jun 19	Thursday, Jun 20	Friday, Jun 21	Saturday, Jun 22
Severe Storms	OK Panhandle	STX, TX/OK Panhandles, NE NM			
Heavy Rain / Flash Flooding	SETX	S/SE TX	SW TX, NM	NM	
Fire Weather	NM				
Wind					
Heat					
Tropical	TX Gulf Coast	TX Gulf Coast	TX Gulf Coast		
River Flooding	ETX, LA	ETX, LA	ETX, LA	ETX, LA	ETX, LA

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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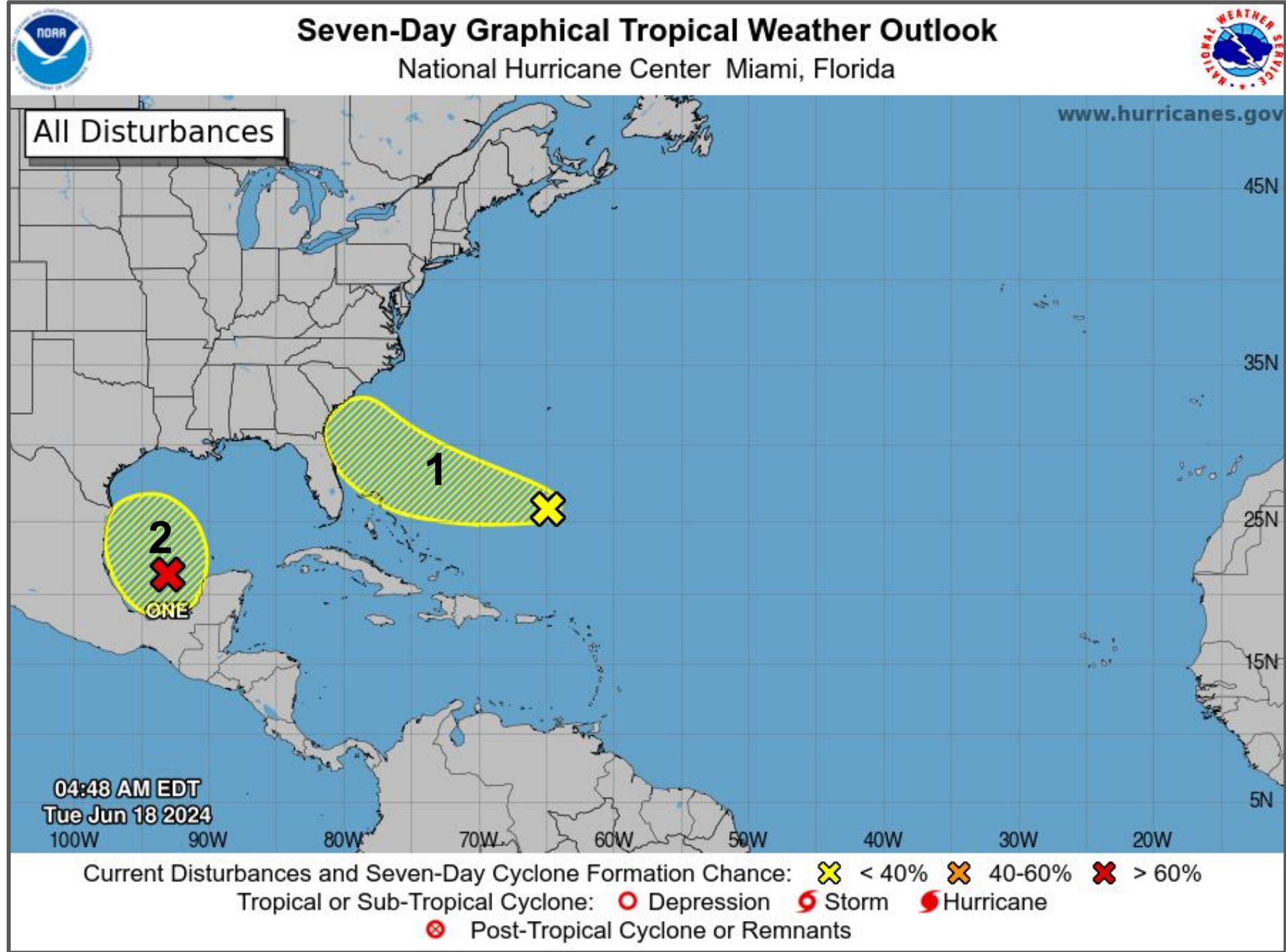




# Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development		
Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None
2	Low	Potential impacts early next week to TX/LA.

Active Tropical Cyclones	
Storm	Potential Impacts to FEMA 6
PTC One	Flash flooding over S TX, coastal flooding TX/LA.



See <http://www.hurricanes.gov> for the latest on the tropics or any active storms

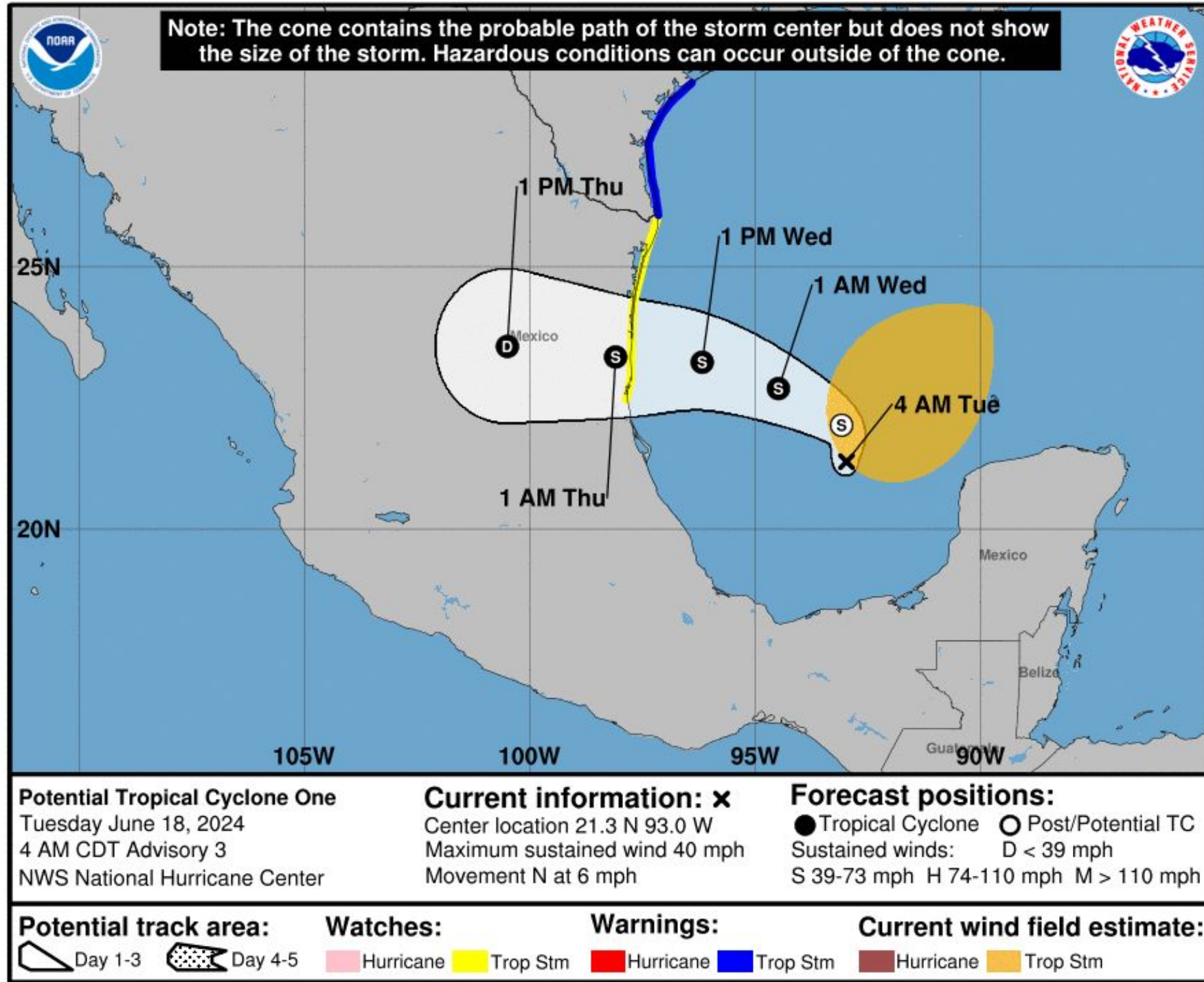




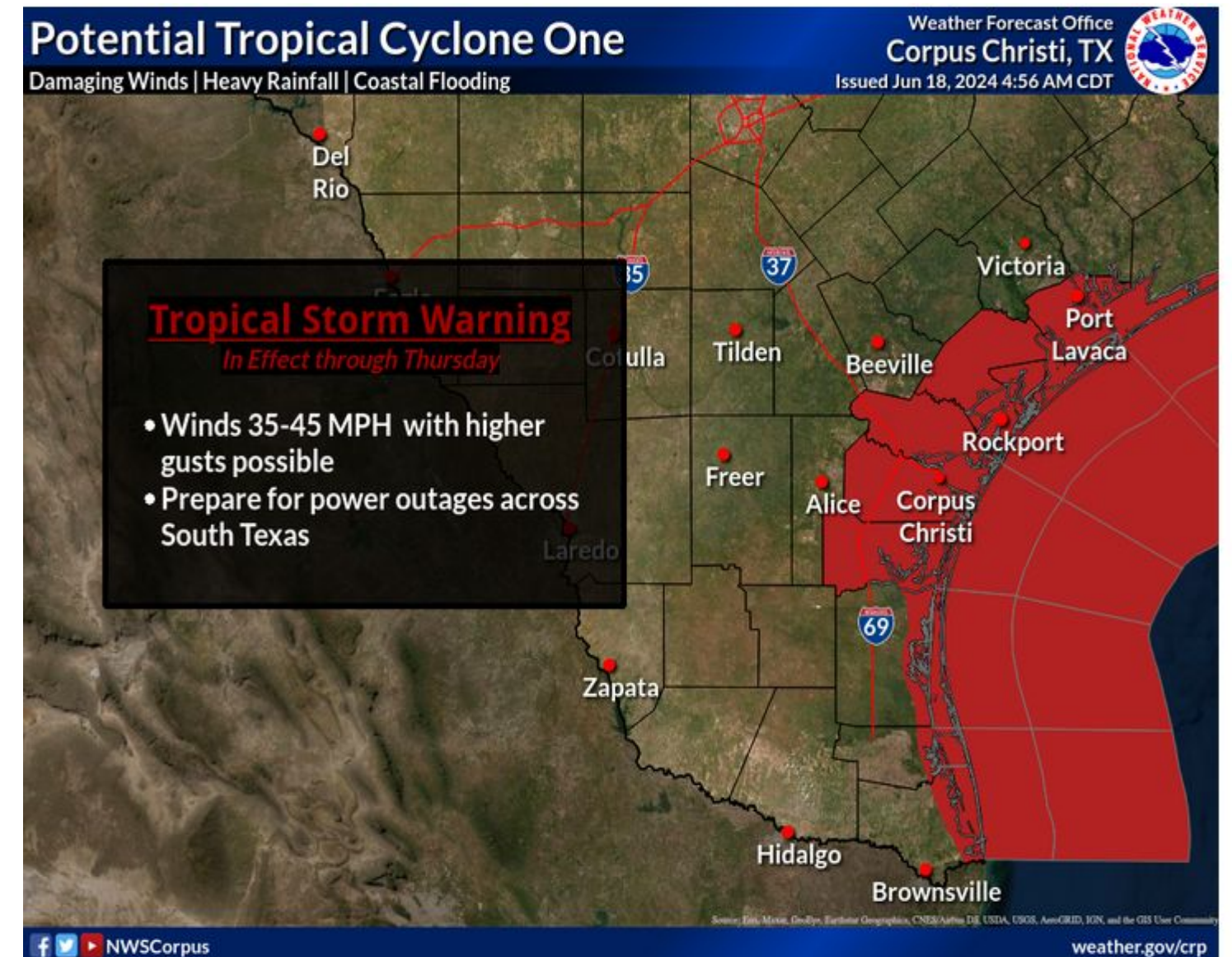
# PTC One

5:26 PM

See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



**Tropical storm warning along the S TX coast, moderate coastal flooding, heavy rainfall/flash flooding associated with PTC One.**

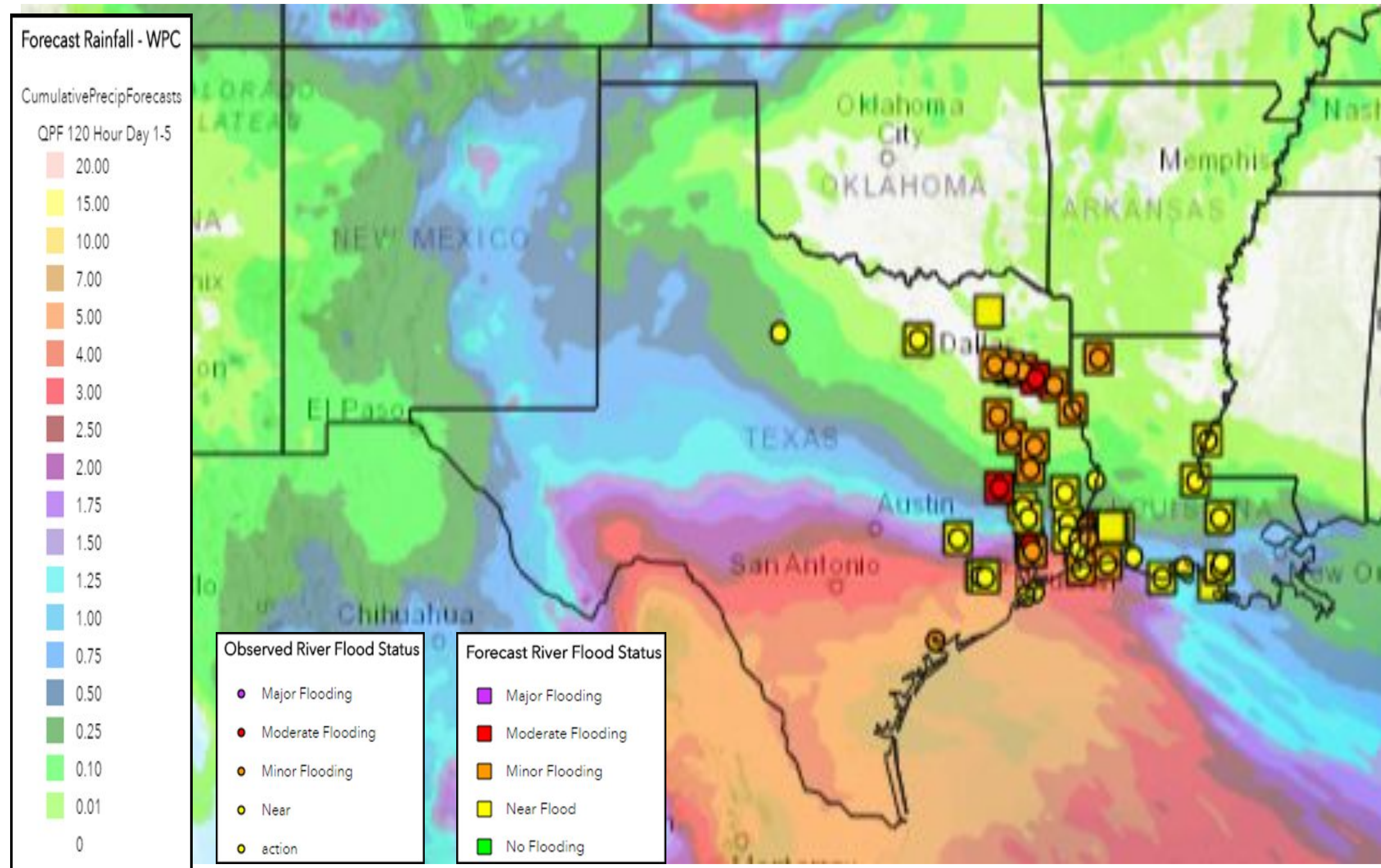






# 5-Day Precipitation Forecast & River Flood Status

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



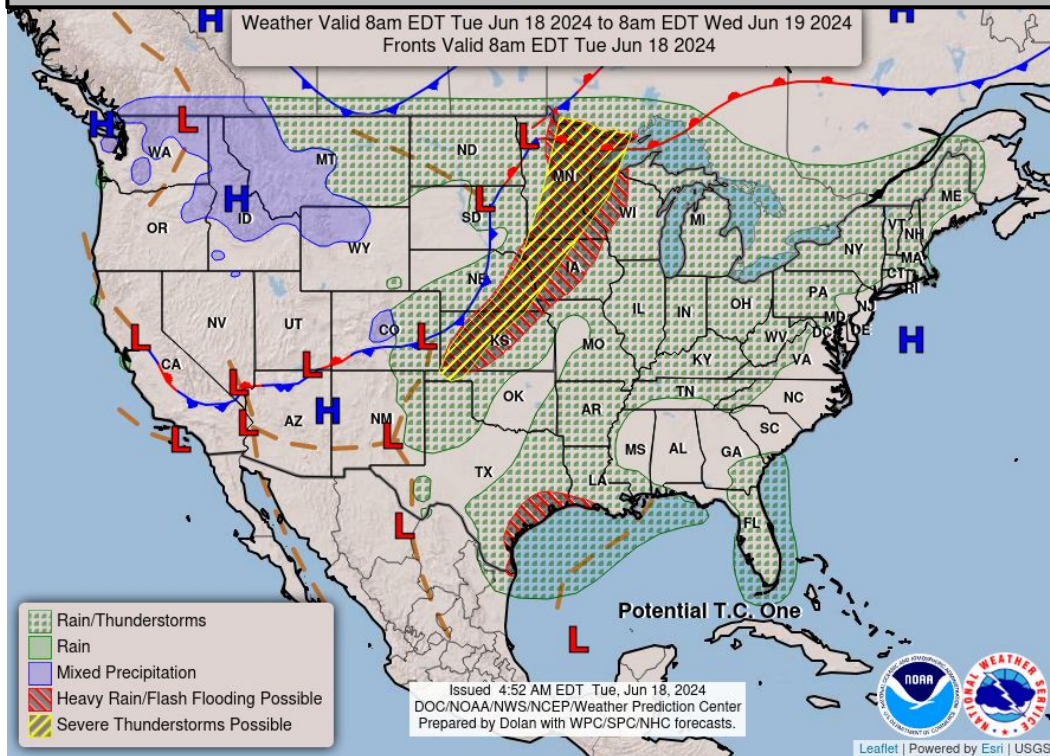
**Moderate/Isolated Major river flooding in E TX impacts to some homes at Trinity River at Riverside. Trinity River at Liberty anticipated to rise to Major by mid-week and impact homes.**



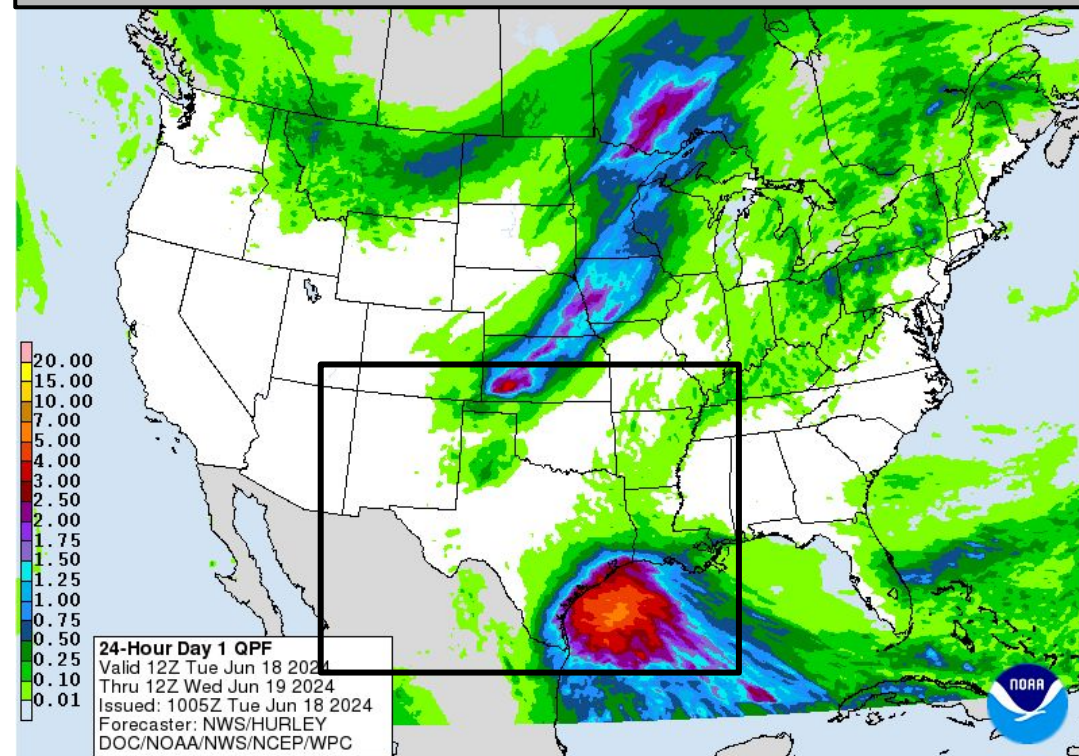


# Today's Weather

## Forecast Chart



## Forecast Rainfall



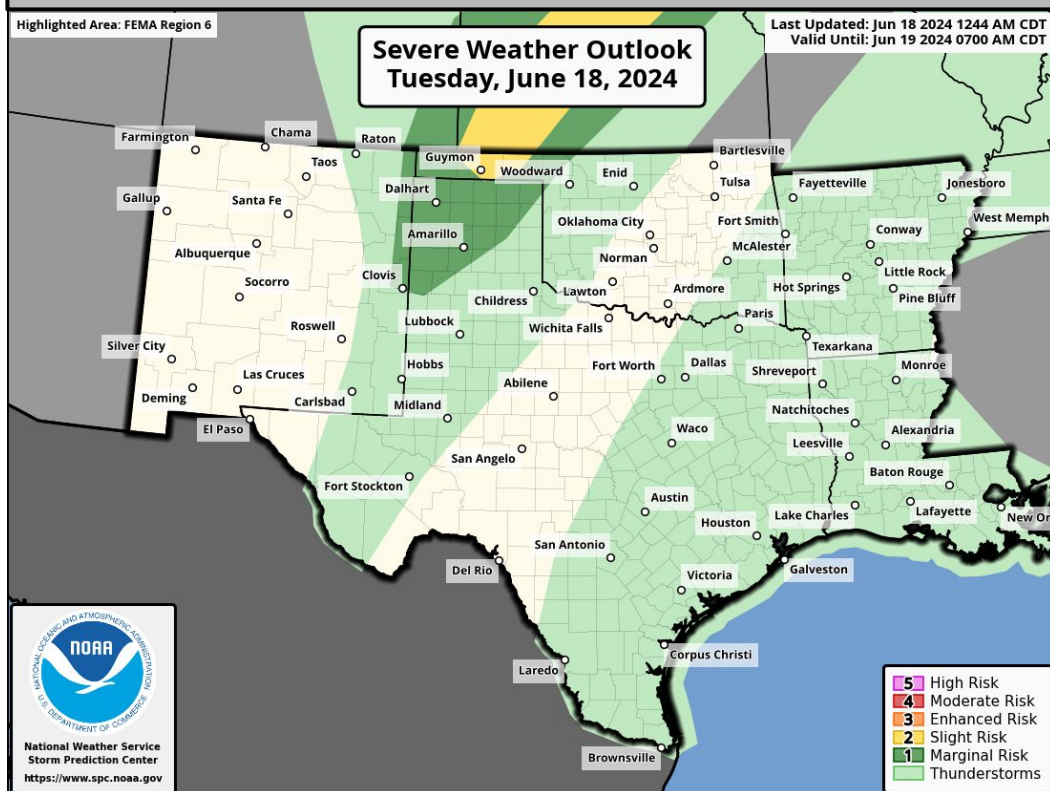
**Moderate risk for heavy rainfall/flash flooding in SE TX.**

**Slight risk over severe storms over the OK Panhandle.**

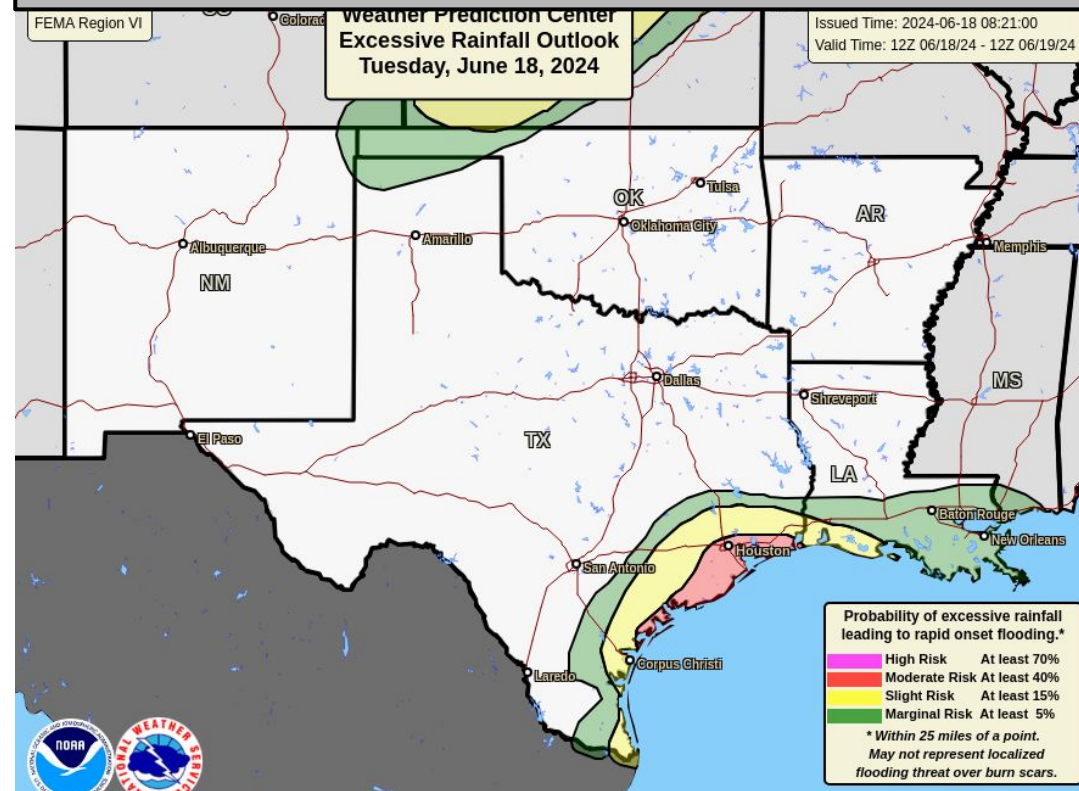
**Coastal flooding along the TX/LA coasts.**

**Elevated fire weather conditions in NM.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

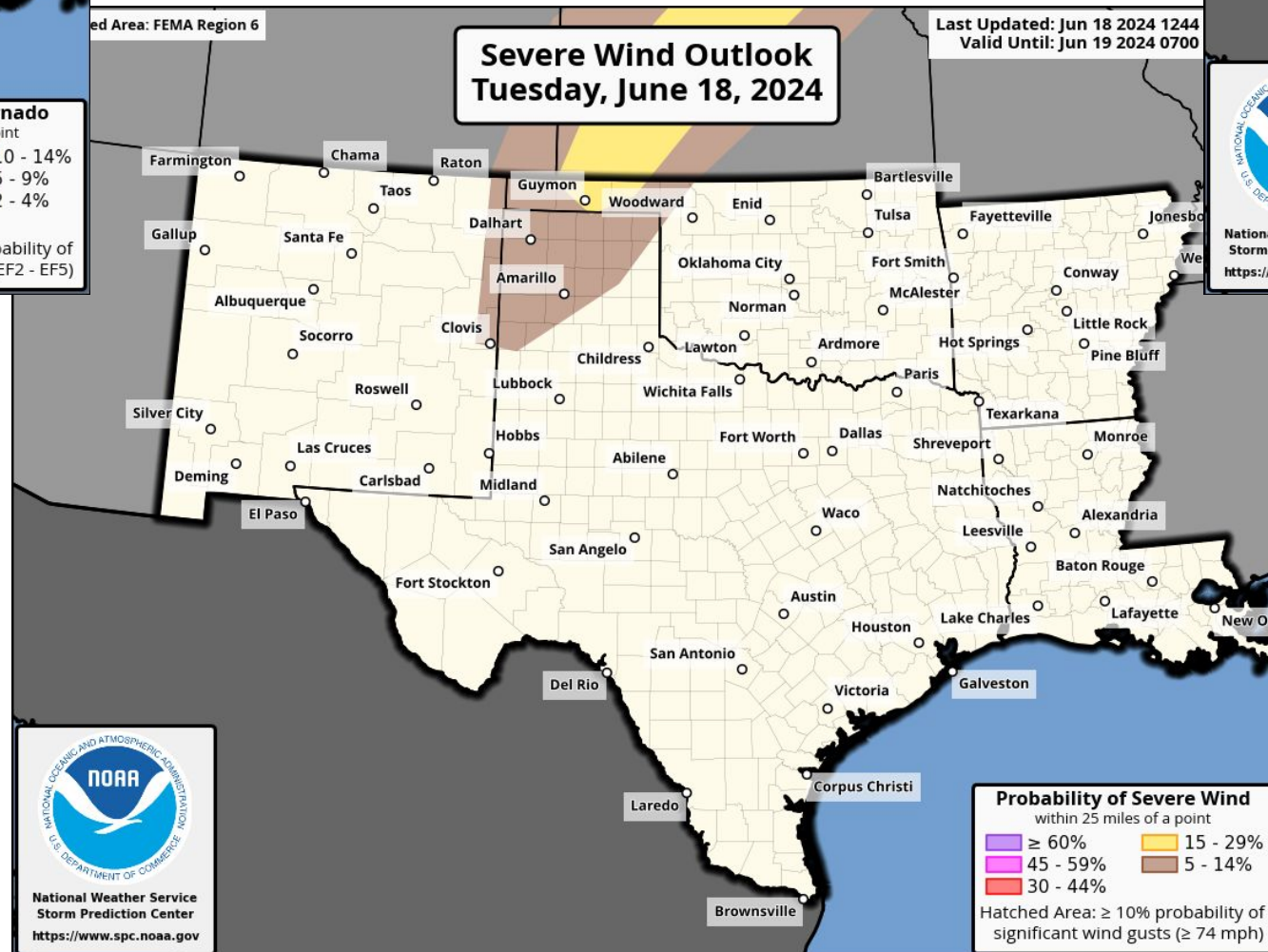
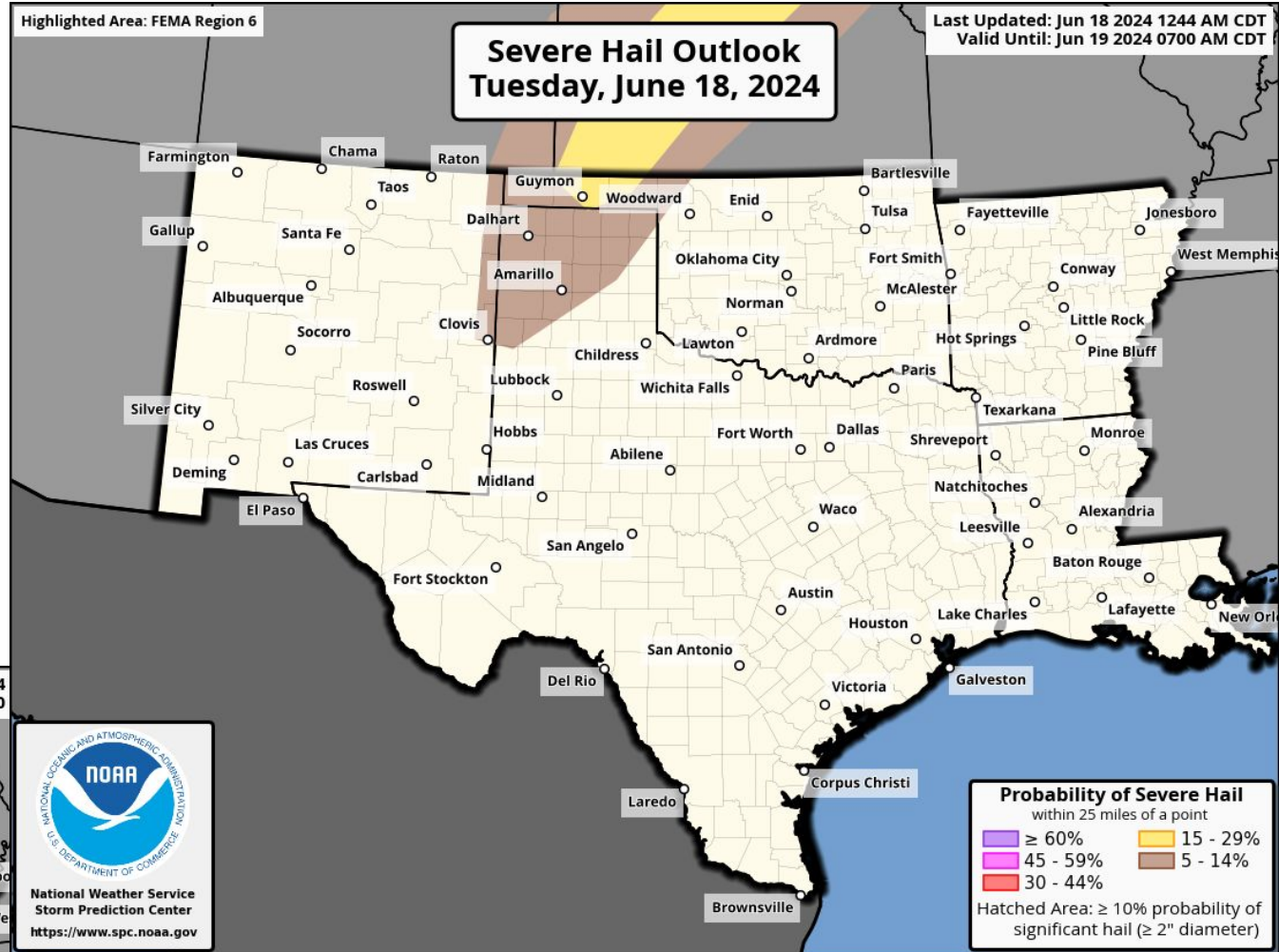
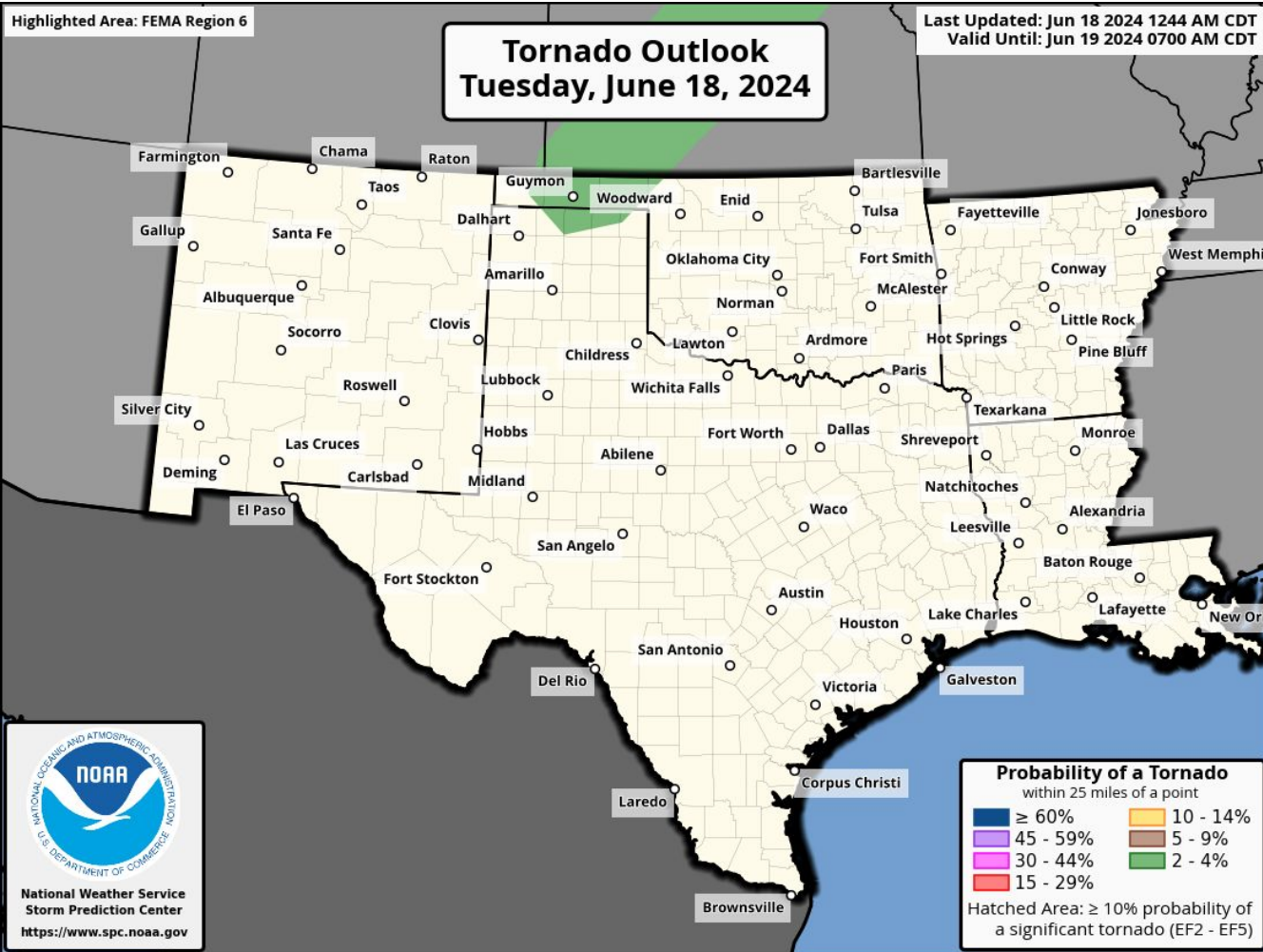






# Today's Tornado & Severe Wind / Hail Probabilities

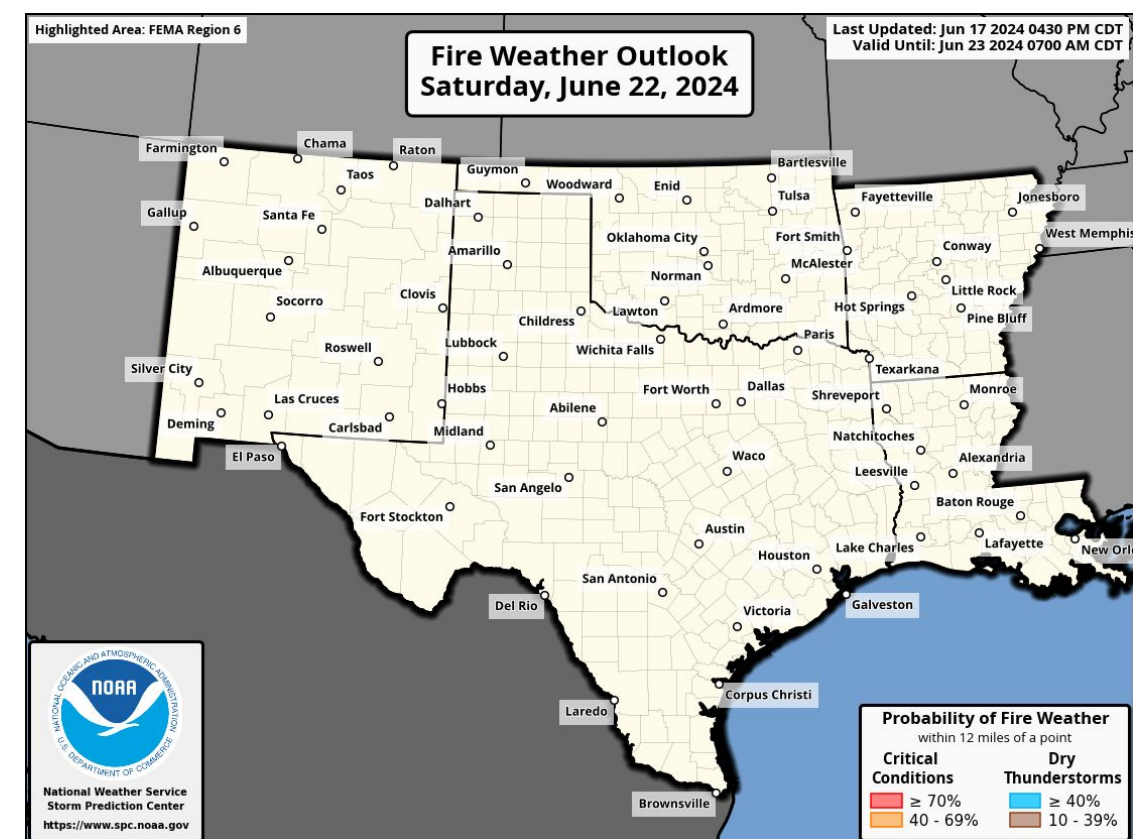
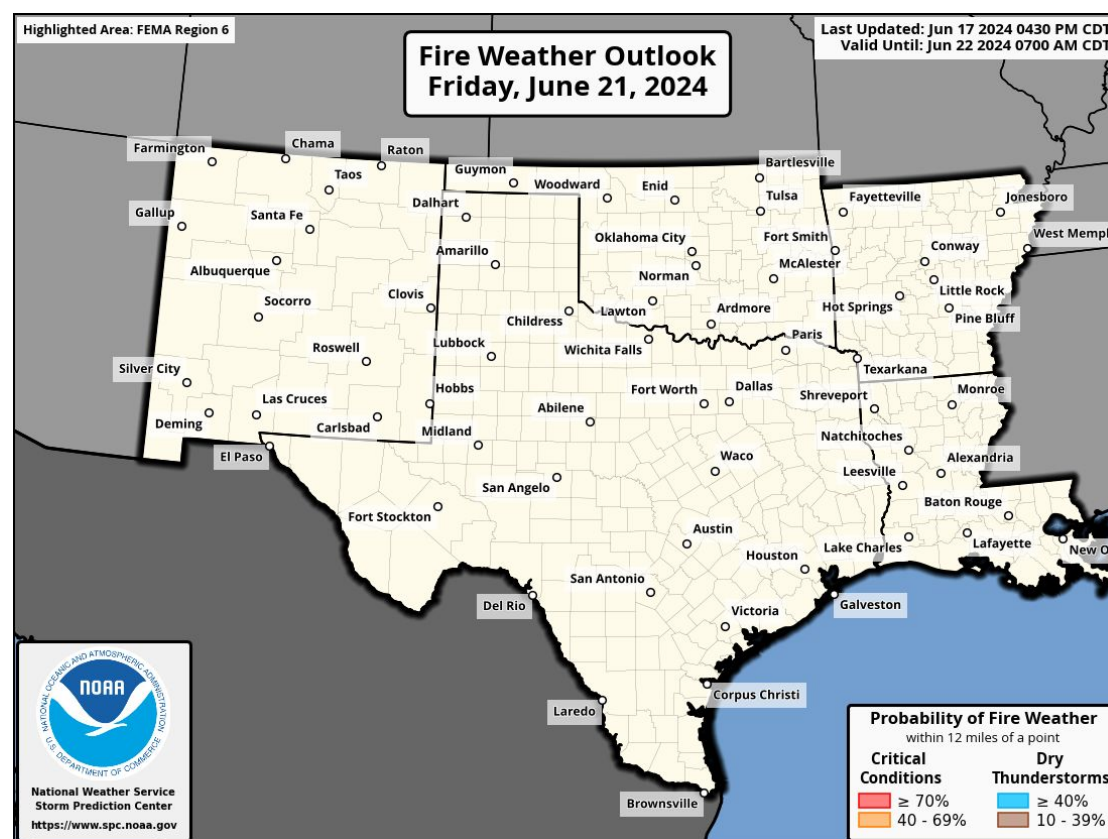
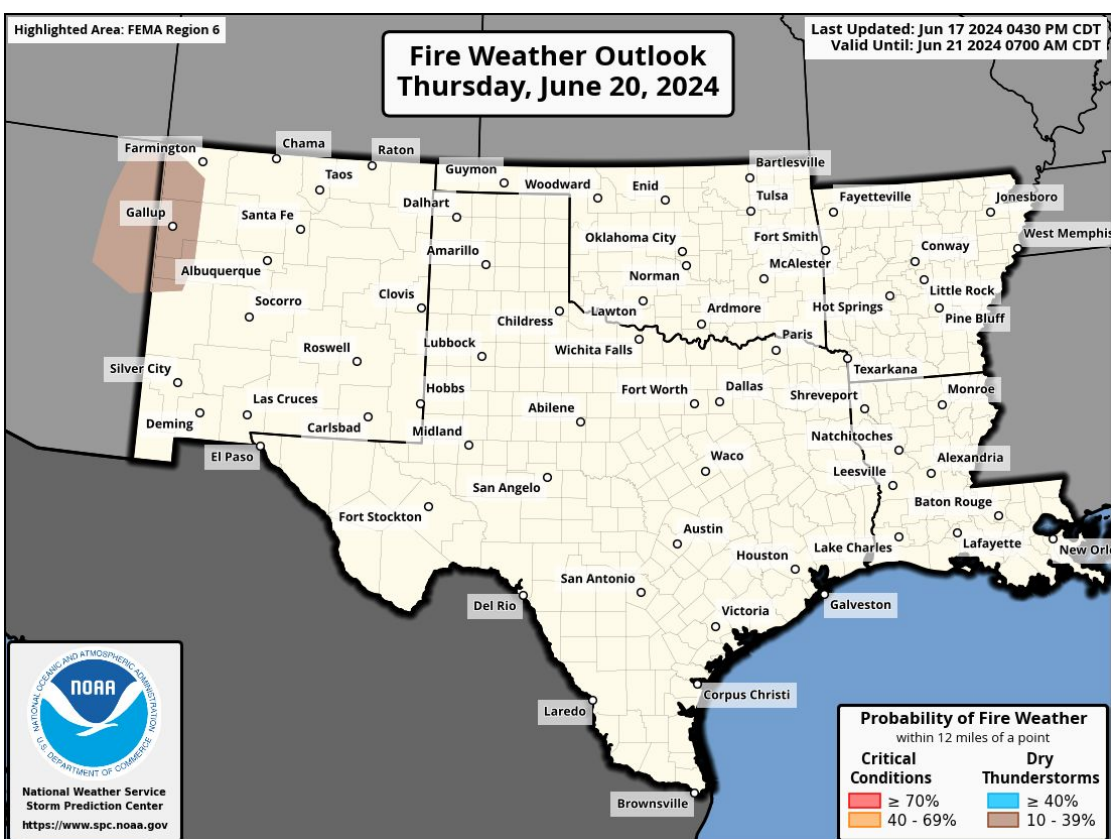
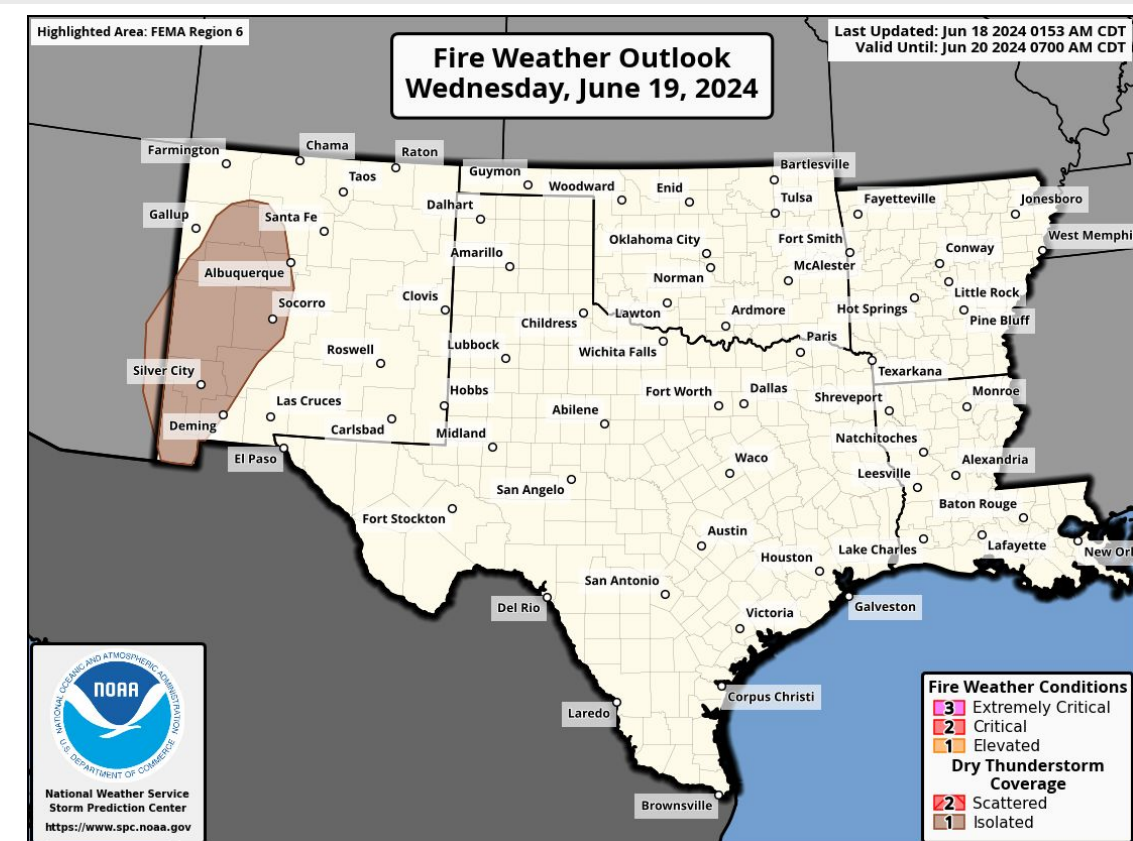
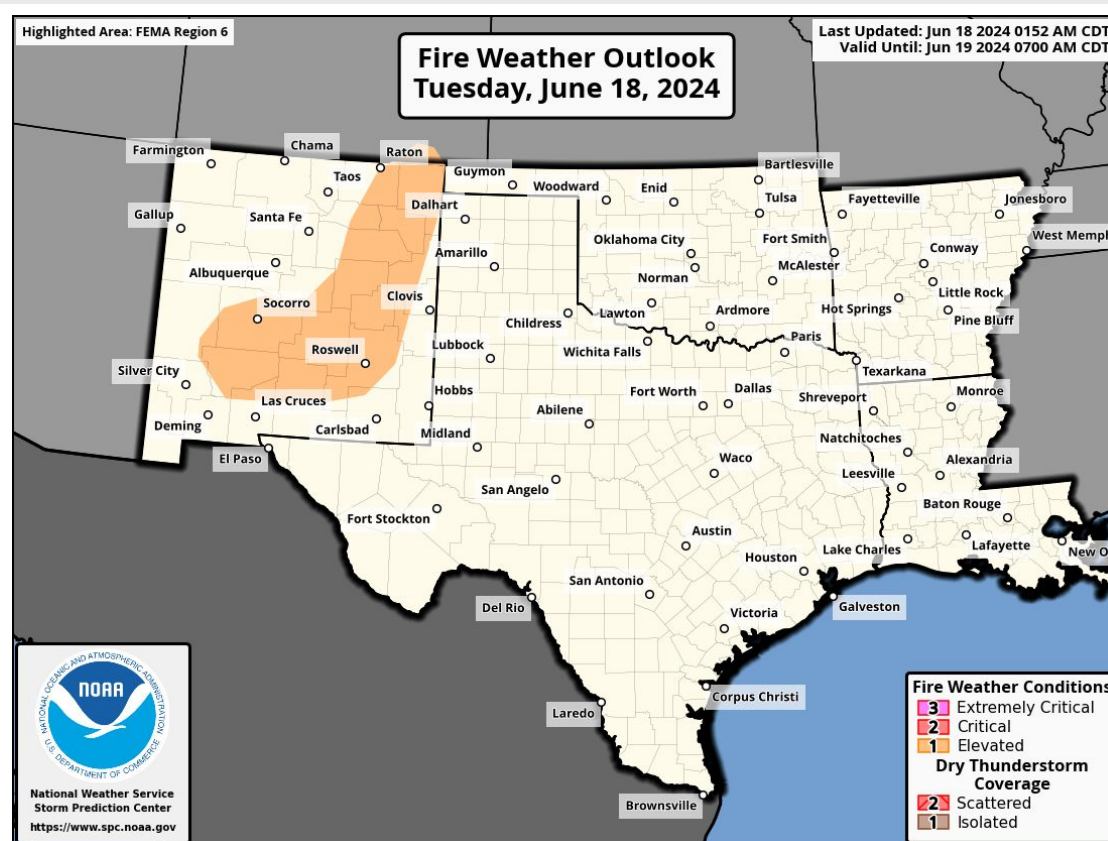
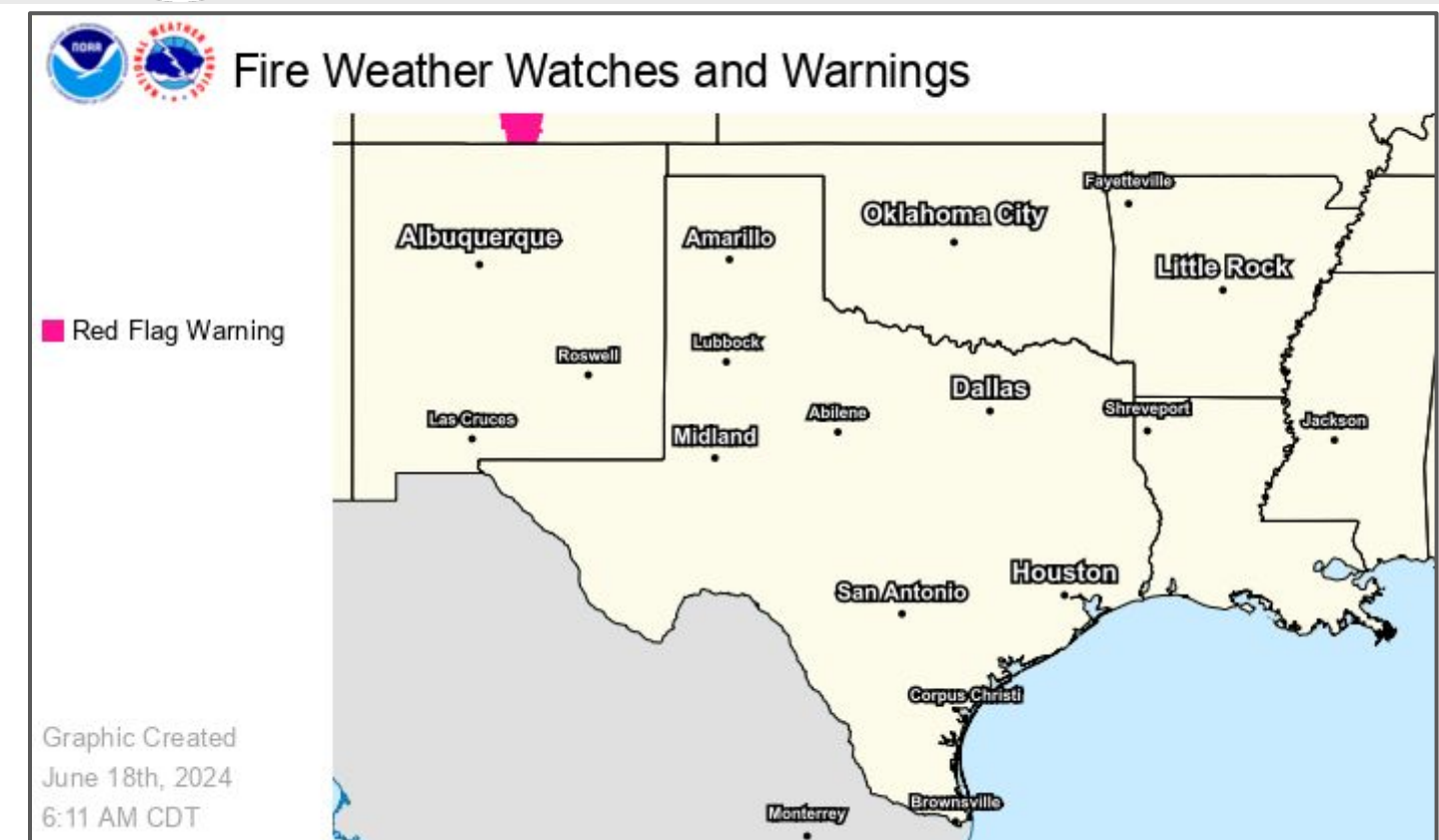
June 18, 2024







# Fire Weather Outlooks



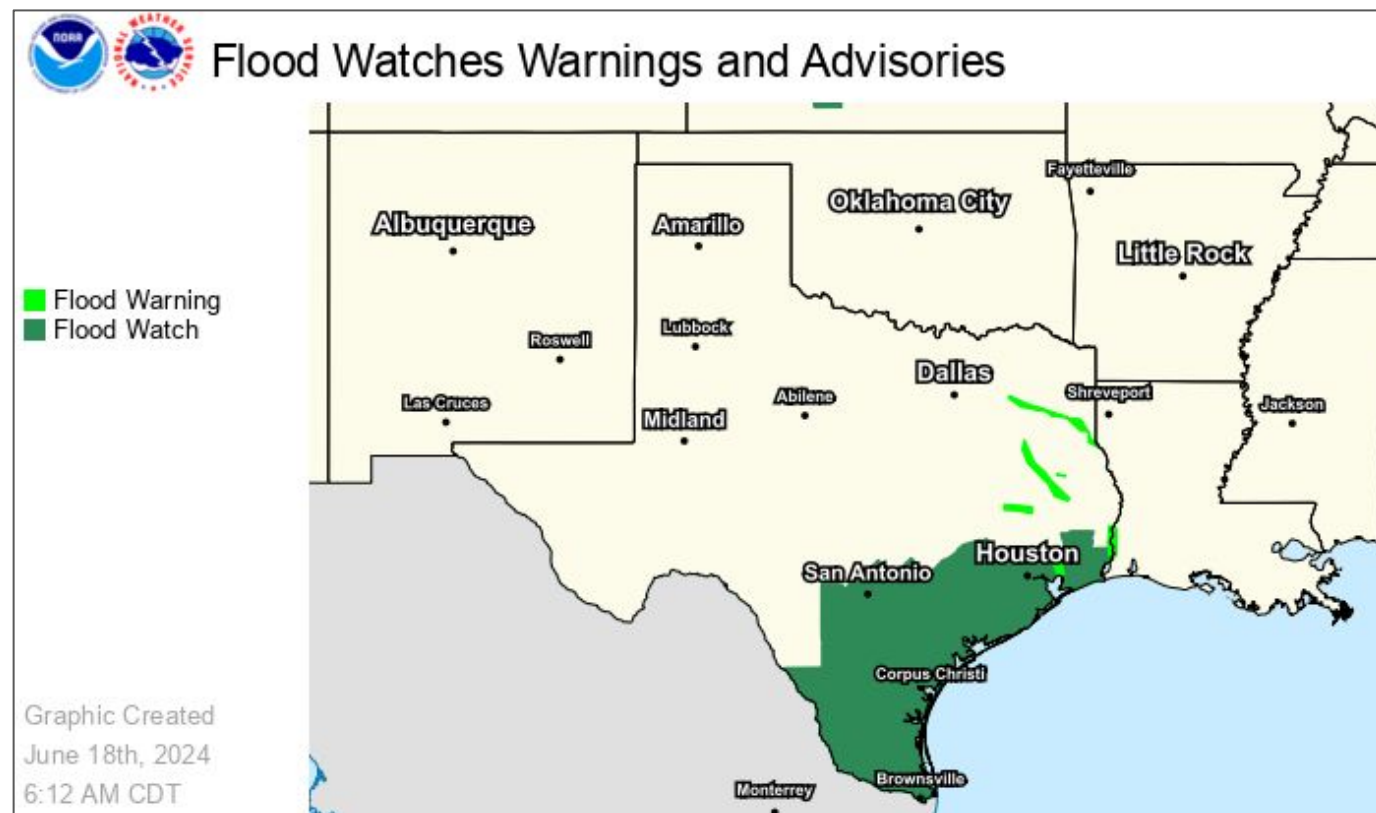
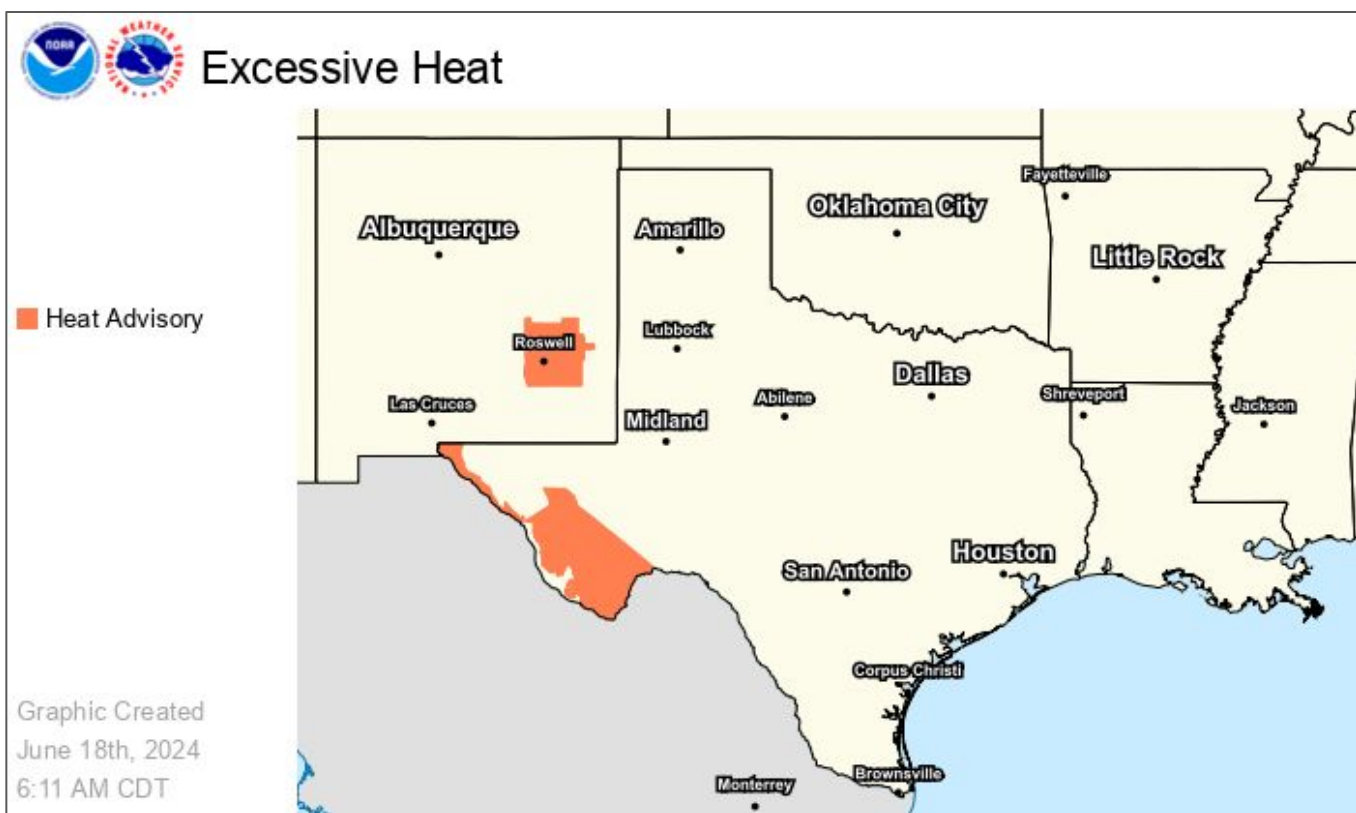
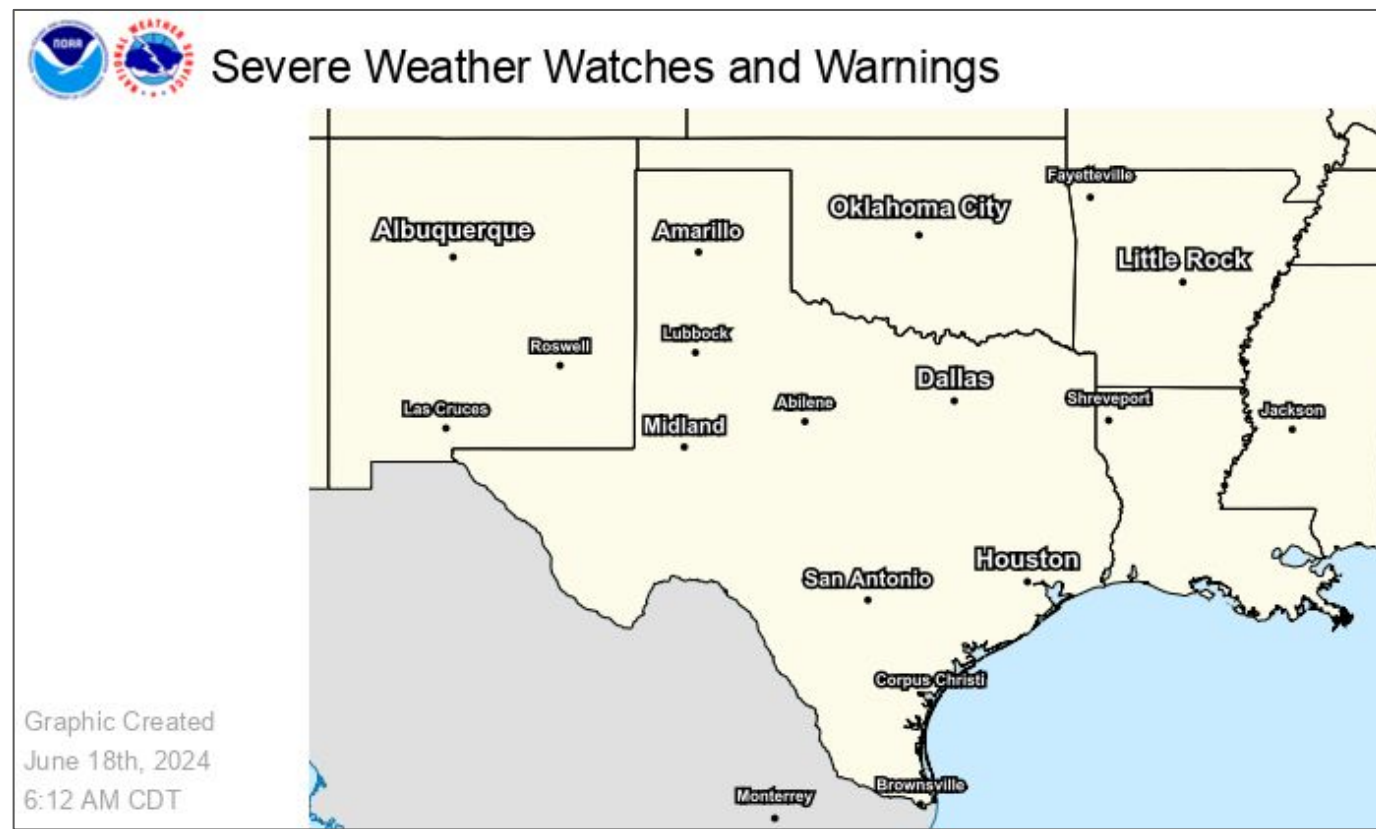




# Watches, Warnings, and Advisories

## Wind, Severe, Heat, and Flood Hazards

**Heat Advisories in S NM and W TX. Flood Watch SE/S TX.**

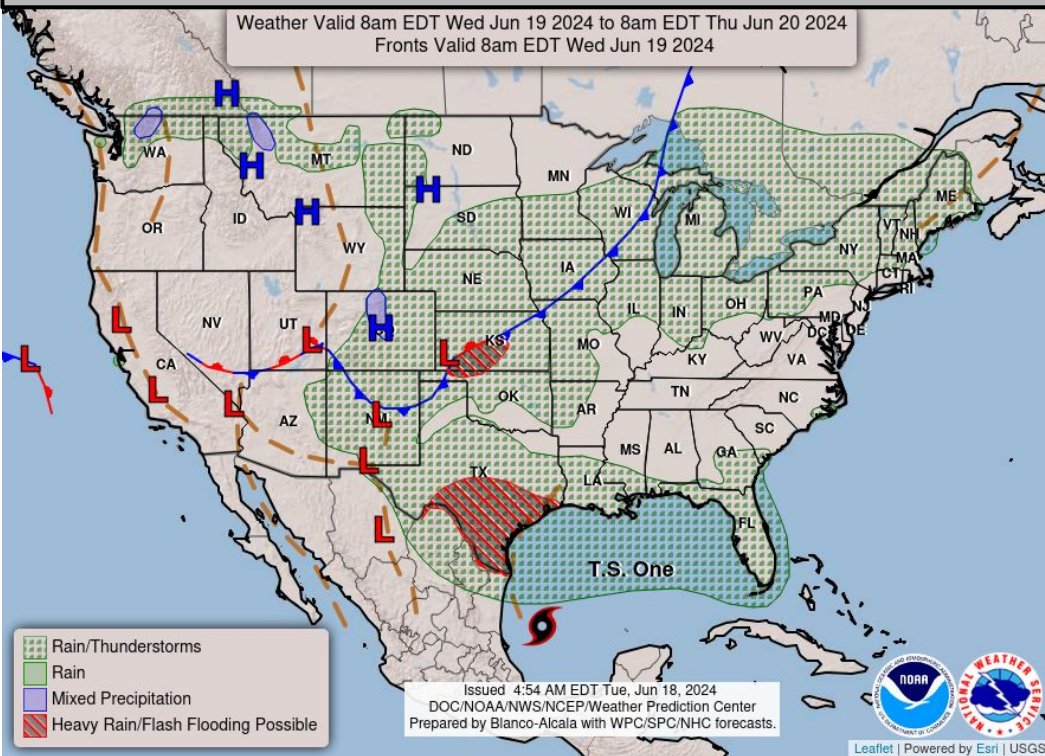




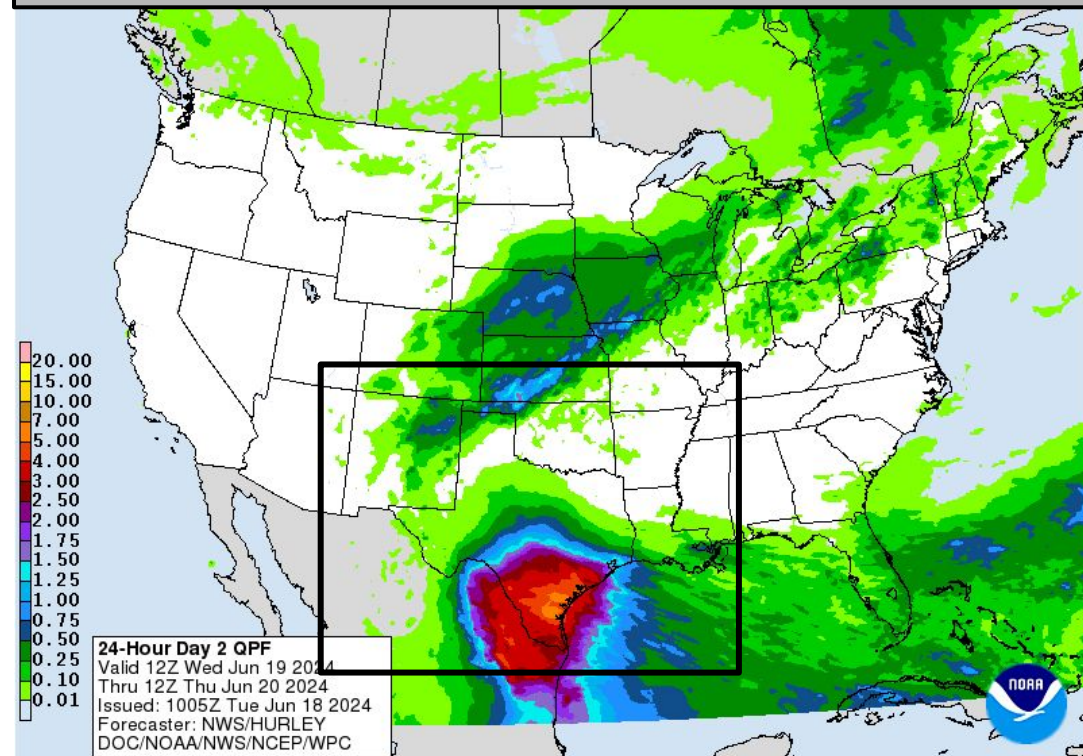


# Tomorrow's Weather

## Forecast Chart



## Forecast Rainfall

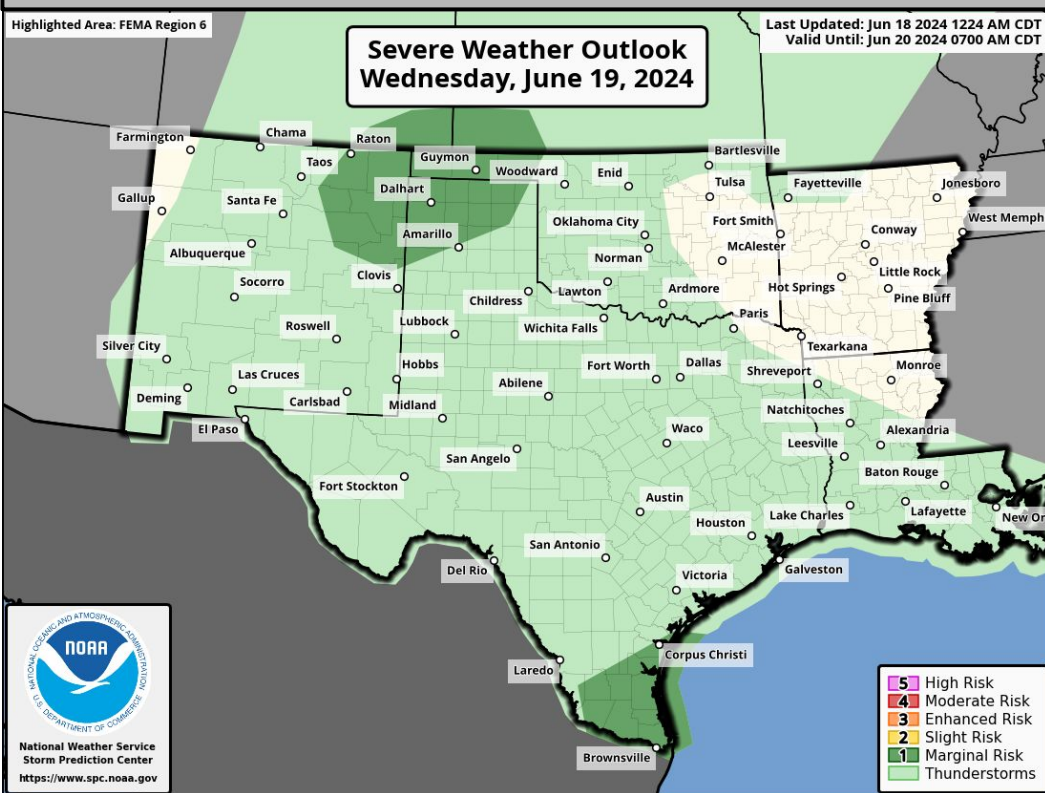


**Moderate risk for heavy rainfall/flash flooding in S/SE TX.**

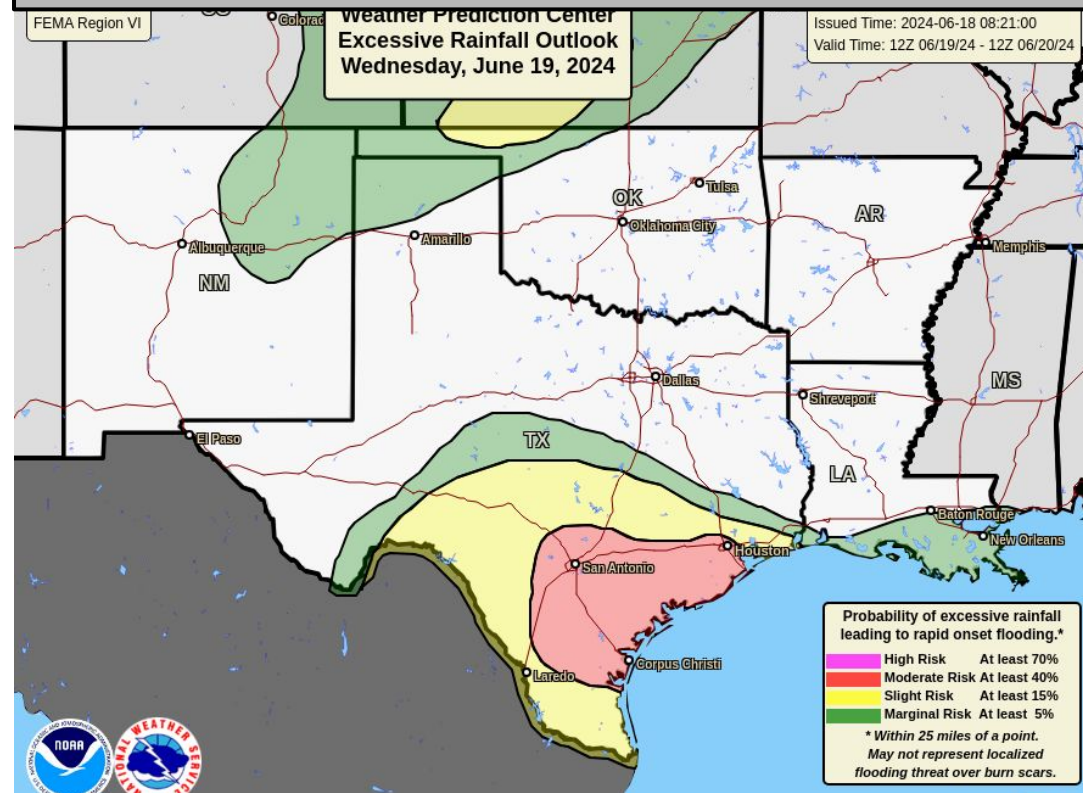
**Coastal flooding along the TX coast.**

**Marginal risk for severe storms over the TX/OK Panhandles, NE NM and S TX**

## Severe Weather Outlook



## Excessive Rainfall Outlook

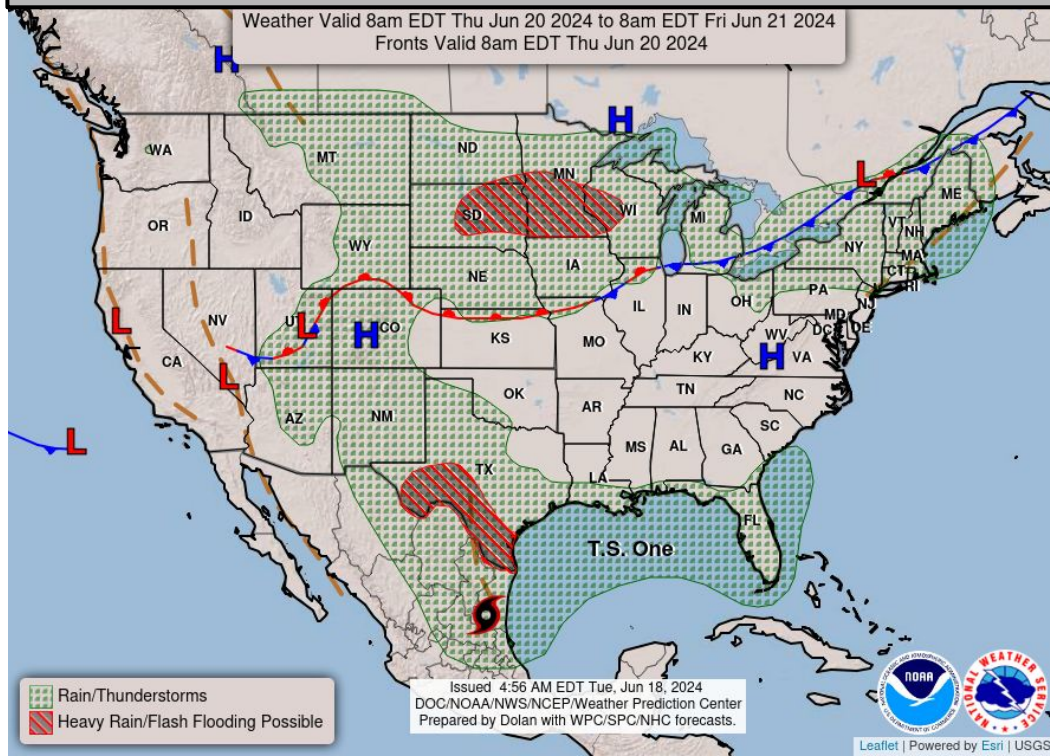




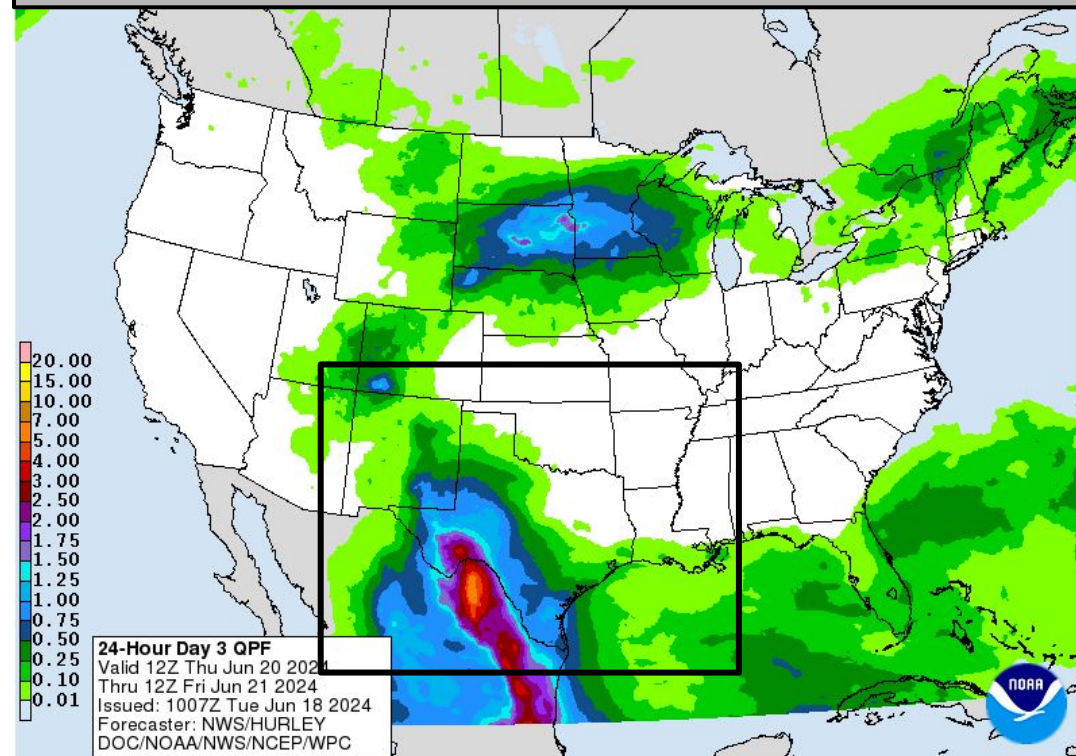


# Thursday's Weather

## Forecast Chart

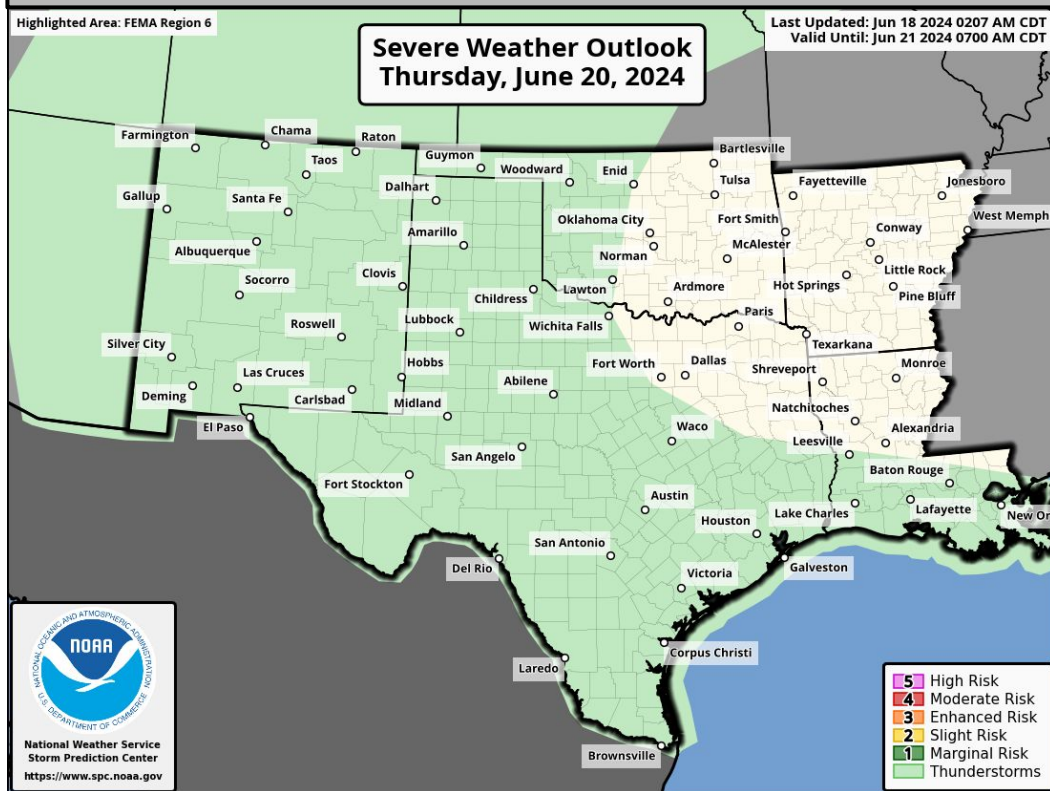


## Forecast Rainfall

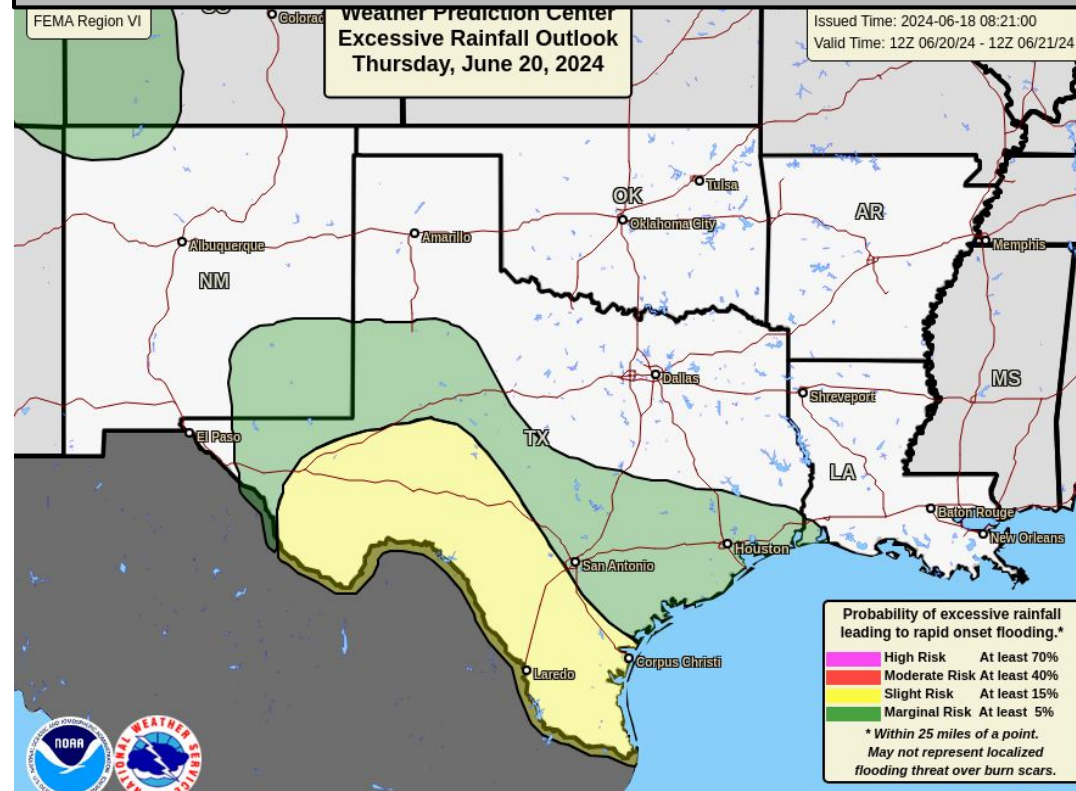


**Slight risk for heavy rainfall/flash flooding in SW TX and over the burn scar areas of NM.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

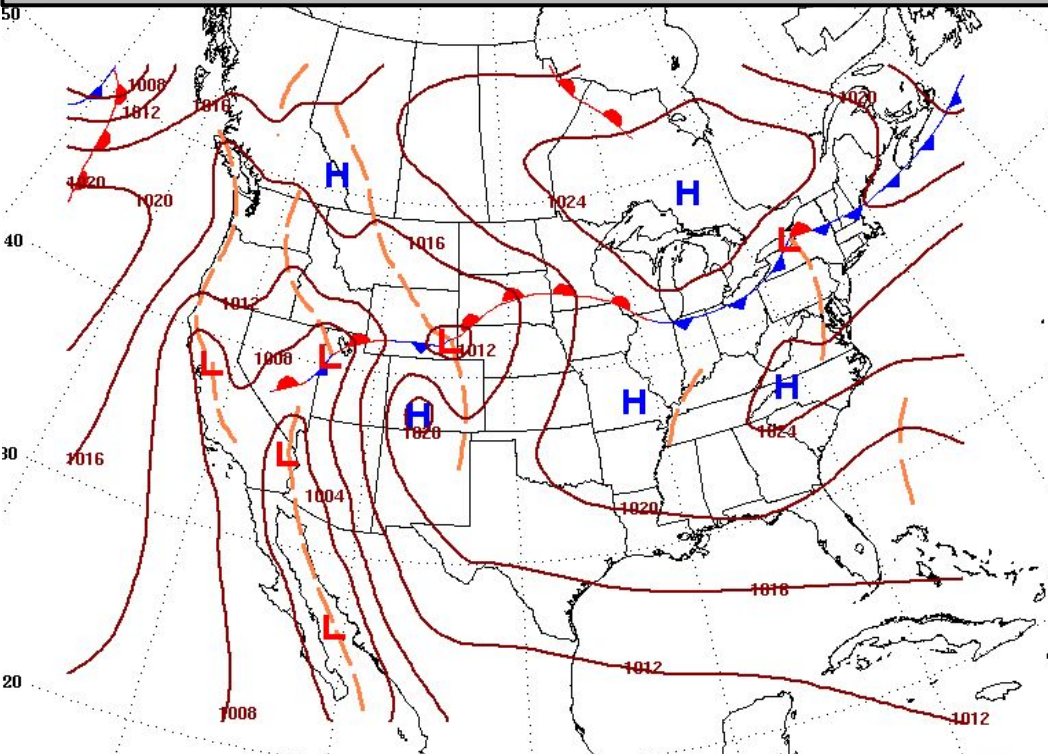




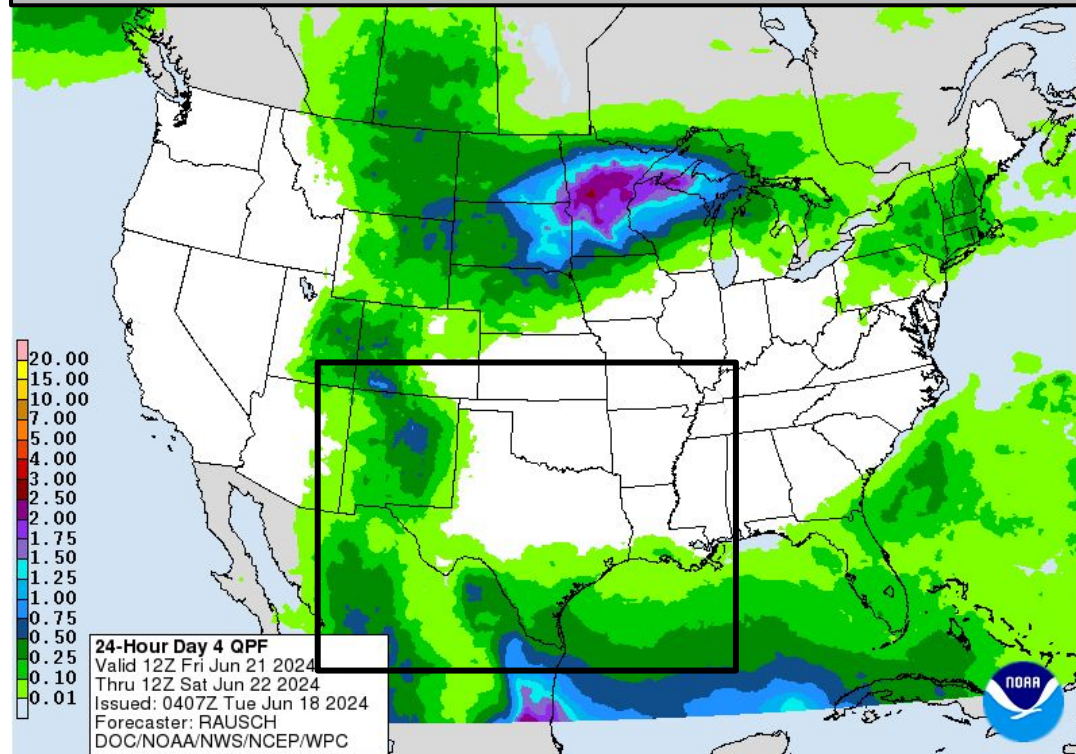


# Friday's Weather

### Forecast Chart

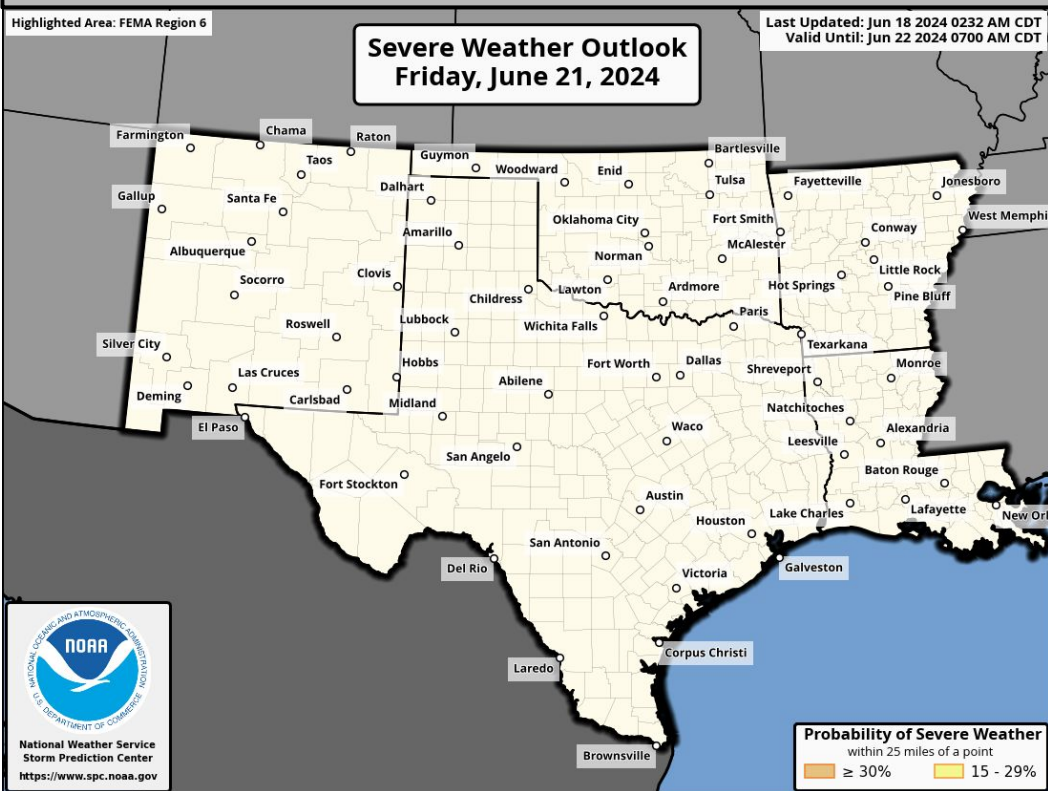


### Forecast Rainfall

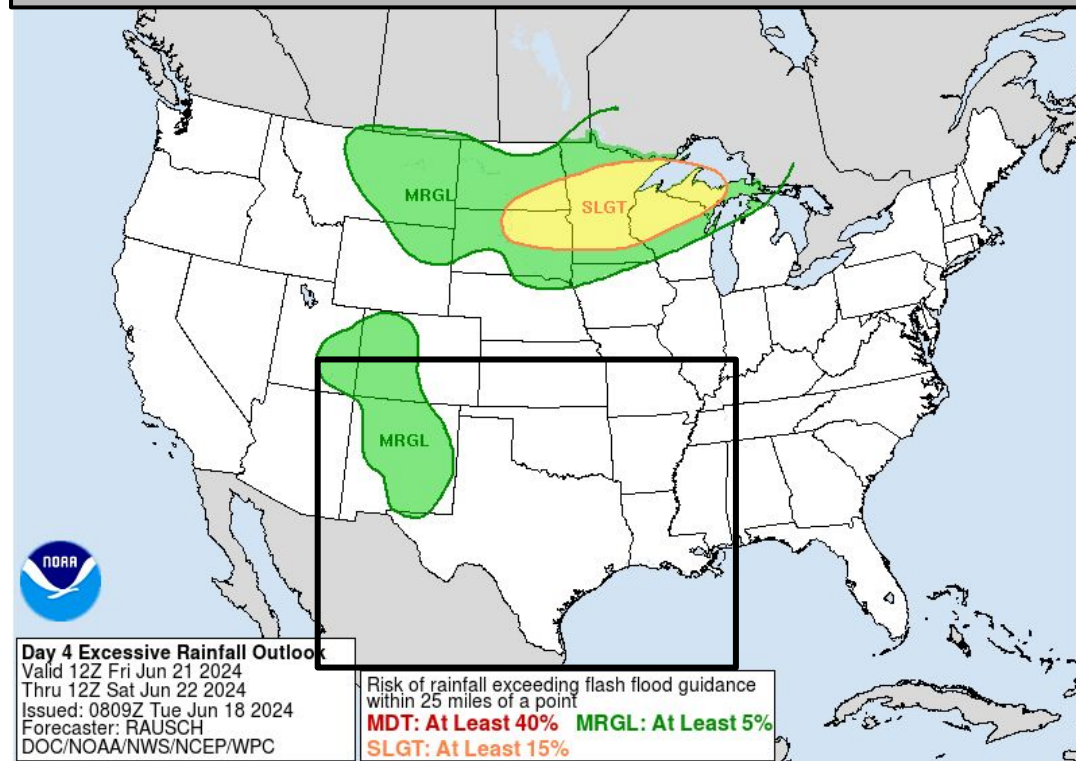


**Heavy rainfall over the burn scar areas of NM may lead to flash flooding.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

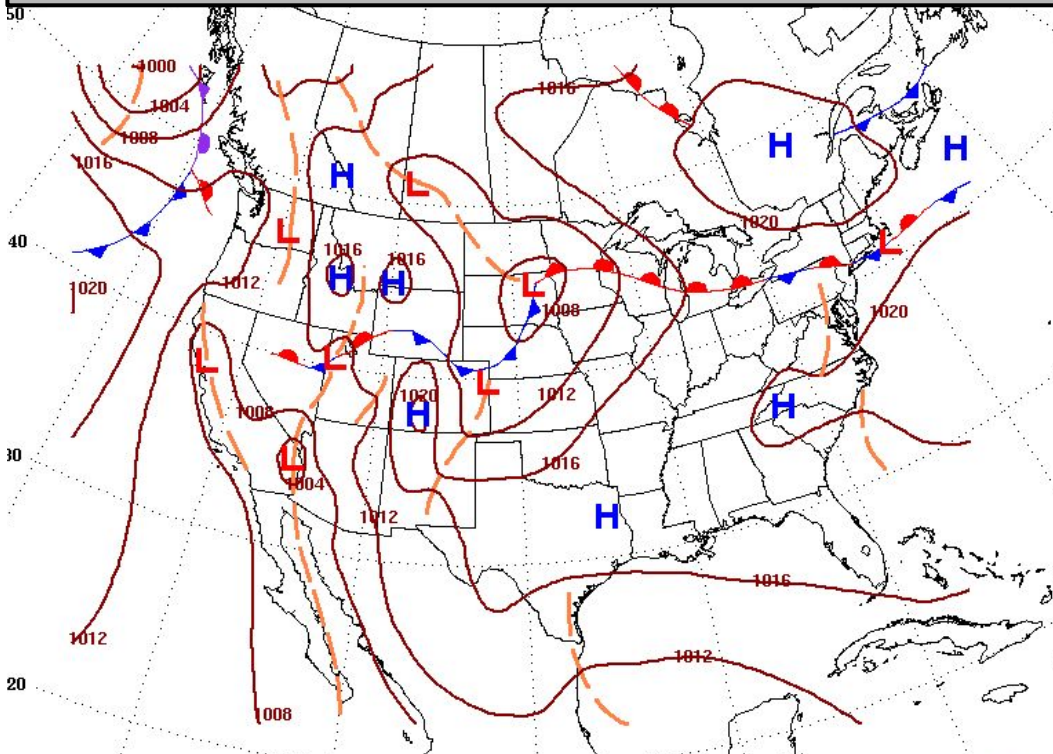




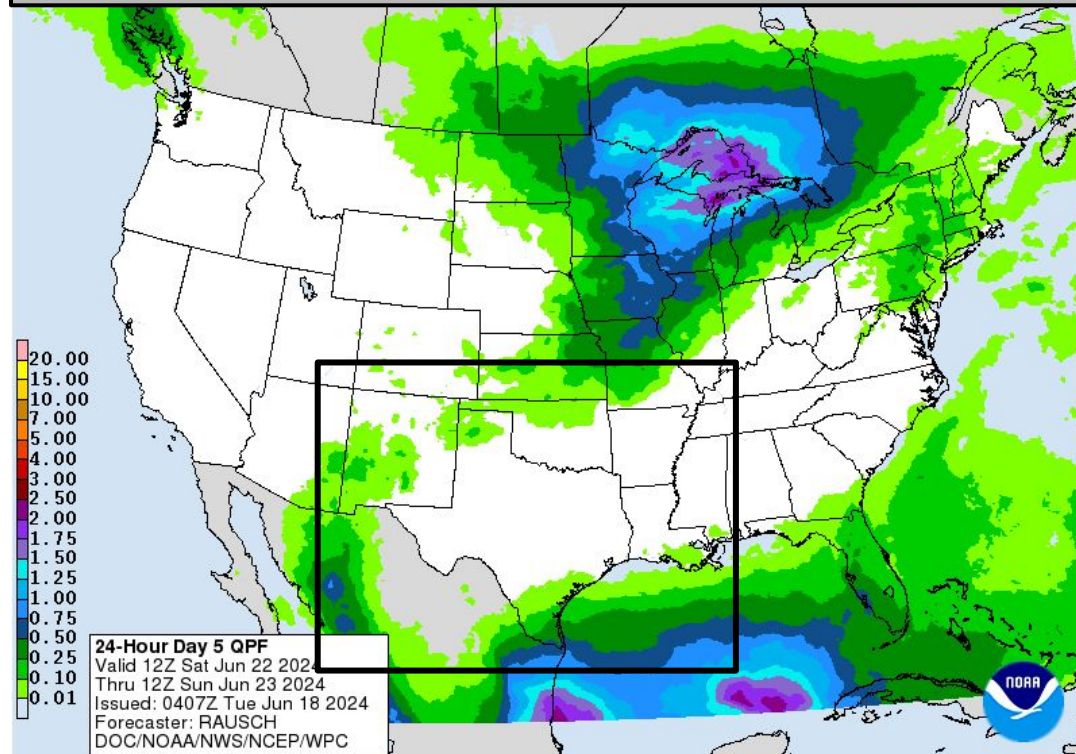


# Saturday's Weather

### Forecast Chart

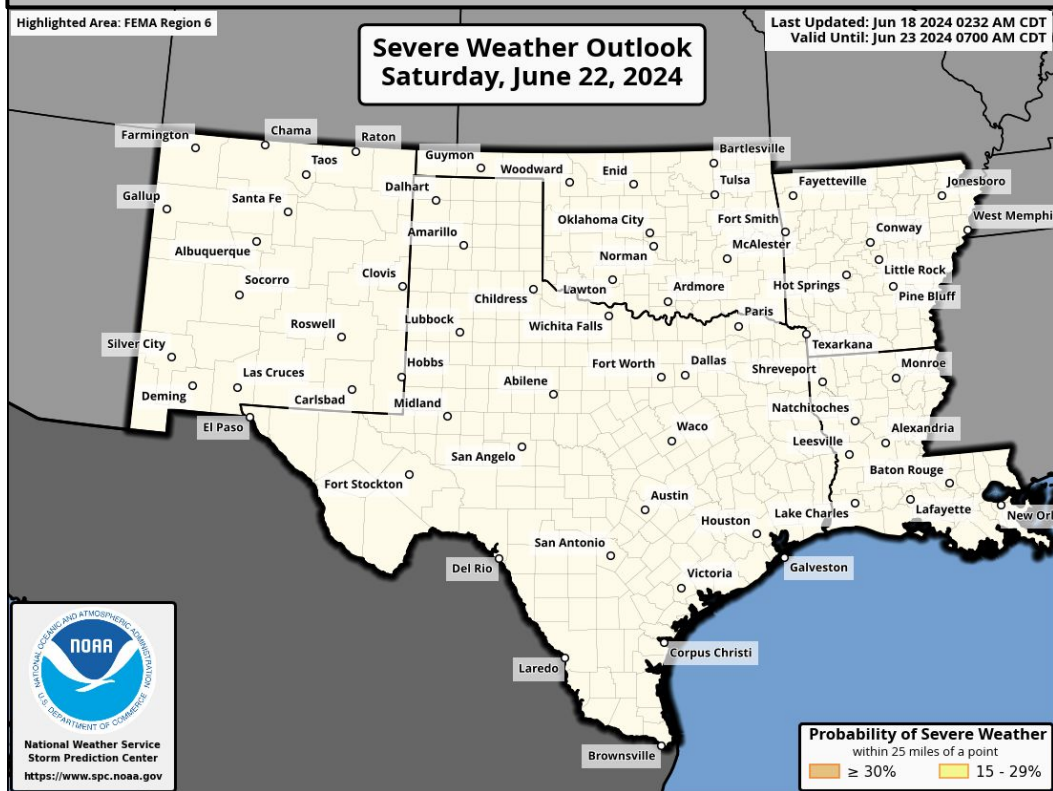


### Forecast Rainfall

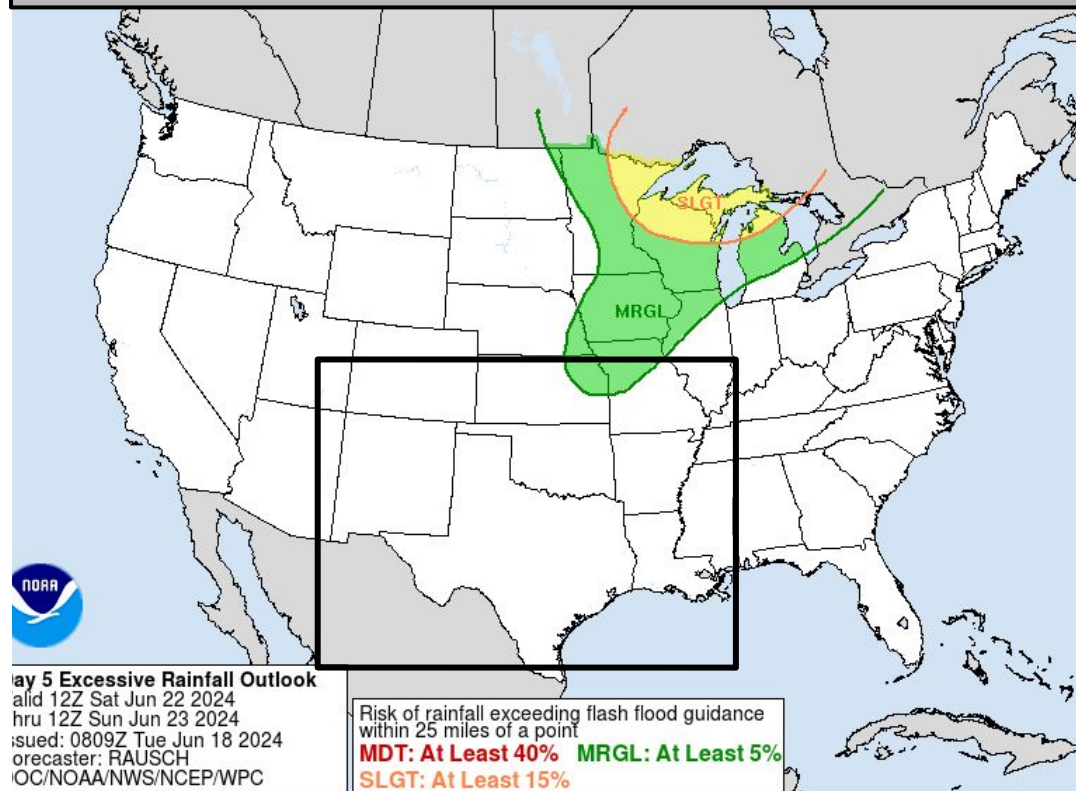


**No significant weather expected.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

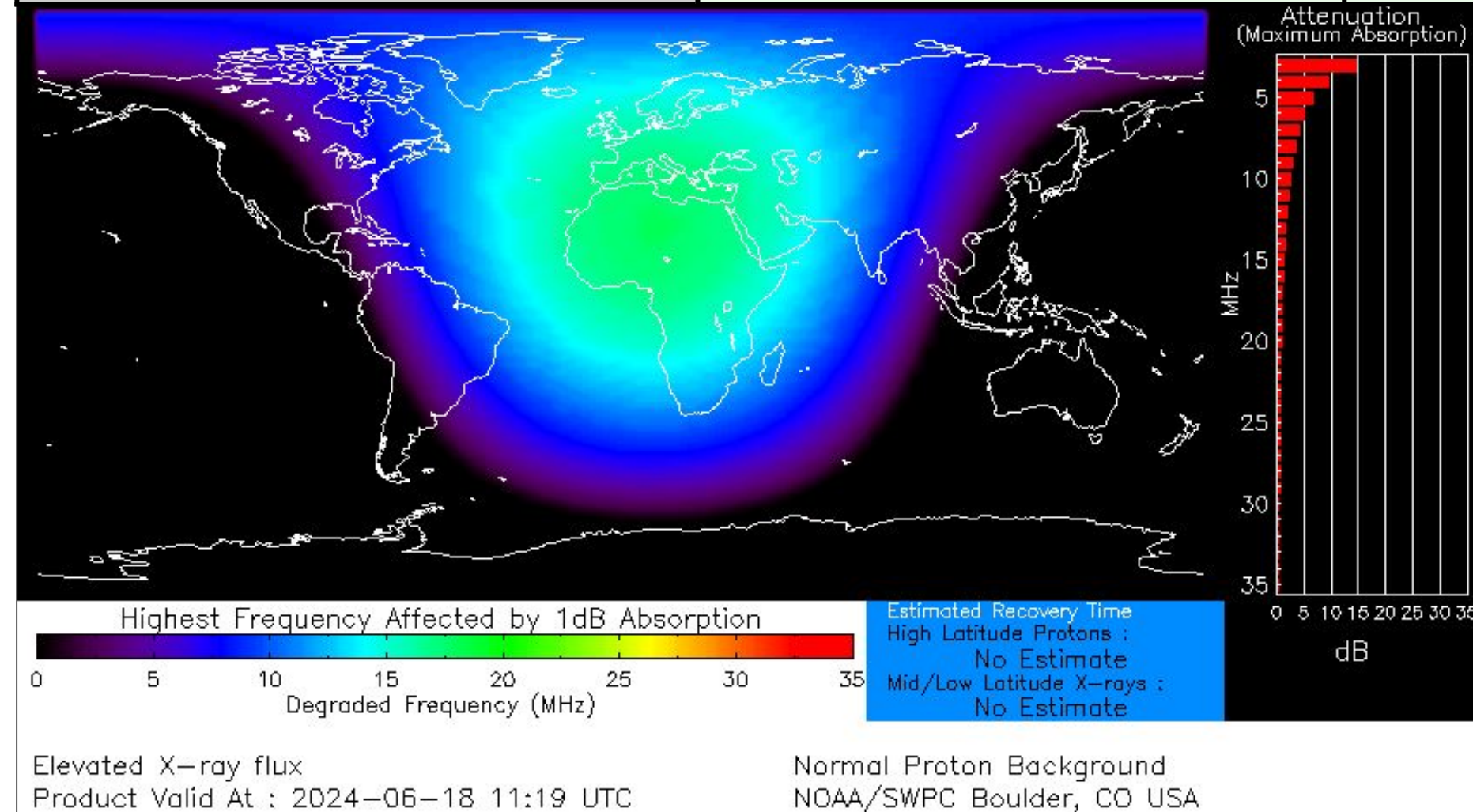






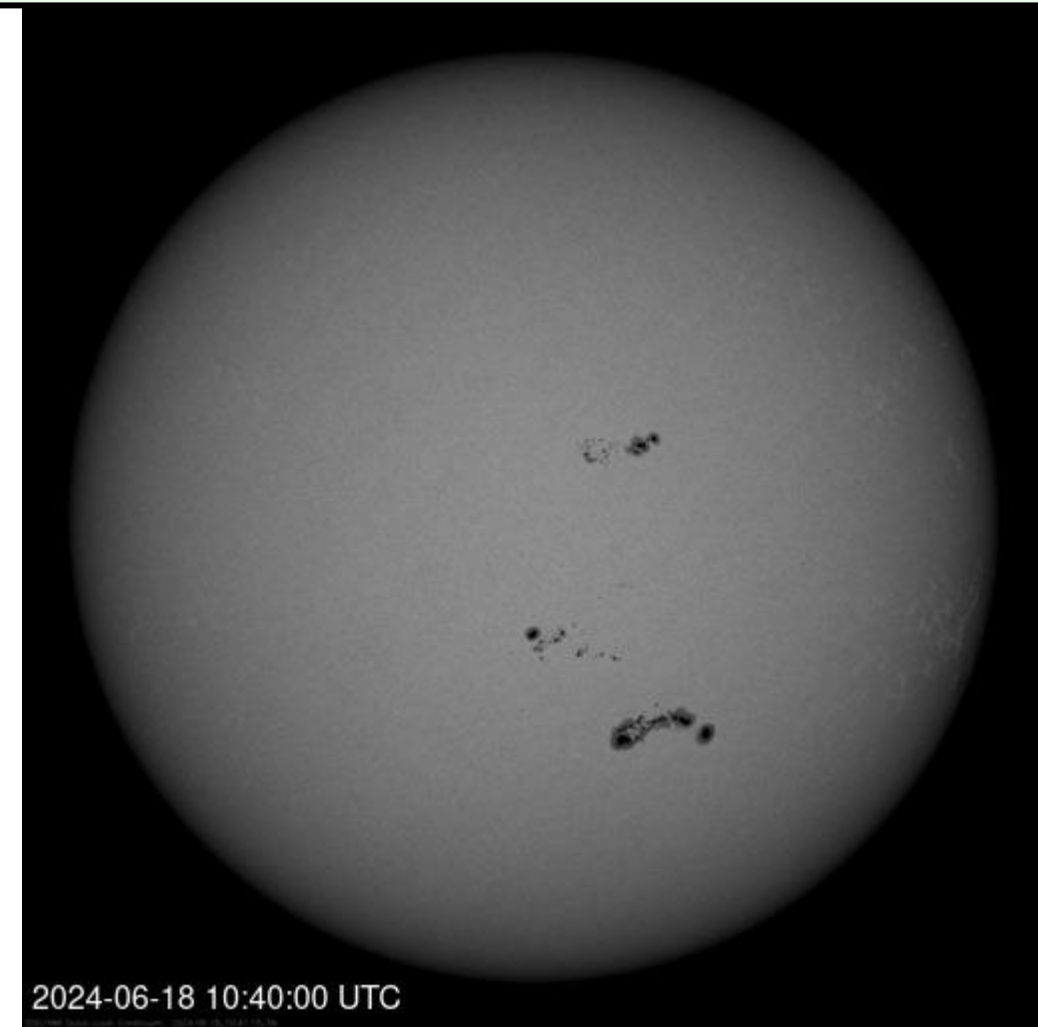
# Space Weather 3-Day Forecast

	Tuesday, Jun 18	Wednesday, Jun 19	Thursday, Jun 20
<b>Geomagnetic Storms</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>15%</b>	<b>10%</b>	<b>10%</b>
<b>Radio Blackout (R1-R2)</b>	<b>55%</b>	<b>55%</b>	<b>55%</b>
<b>Radio Blackout (R3-R5)</b>	<b>10%</b>	<b>10%</b>	<b>10%</b>



[Description of the Space Weather Storm Scales](#)

[Latest 3-Day Space Weather Forecast](#)





## Weather "Threat" Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;"><b>Little to None</b></p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<p>Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active</p>	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as seabreeze storms in coastal TX</li> </ul>
Yellow	<p style="text-align: center;"><b>Minor</b></p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	<p>Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook</p>	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<p style="text-align: center;"><b>Moderate</b></p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<p>Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions</p>	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<p style="text-align: center;"><b>Major</b></p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life</p>	<p>Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought</p>	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<p style="text-align: center;"><b>Extreme</b></p> <p>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p>	<p>Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought</p>	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**





# National Weather Service

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