



# FEMA



Prepared by  
*Melissa Beat*

# FEMA Region 6 Weather Threat Briefing

Sunday, June 16, 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).



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

National Weather Service  
Southern Region



# Summary of the Upcoming Week

- **Marginal risk of severe storms in E NM, Panhandle/W TX, OK Panhandle today.**
- **Heavy rainfall potential in SE TX and S LA today through Wednesday, spreading to W TX Thursday.**
- **Elevated to critical fire weather conditions in W NM today into Tuesday.**
- **Moderate with isolated Major river flooding in E TX.**
- **Medium chance...around 50%...for tropical development in the Bay of Campeche in the next 7 days. Heavy rain across the Gulf Coast from S TX into LA.**





# FEMA Region 6 Threat Matrix

Next 5 Days

	Sunday, Jun 16	Monday, Jun 17	Tuesday, Jun 18	Wednesday, Jun 19	Thursday, Jun 20
Severe Storms	E NM, OK Panhandle, Panhandle/W TX	OK Panhandle			
Heavy Rain / Flash Flooding	SE LA	SETX, LA	SETX, SW LA	S/SETX, SW LA	W TX
Fire Weather	S/W NM	W NM	S NM		
Wind					
Heat					
Tropical	Gulf of Mexico	Gulf of Mexico	Gulf of Mexico	Gulf of Mexico	
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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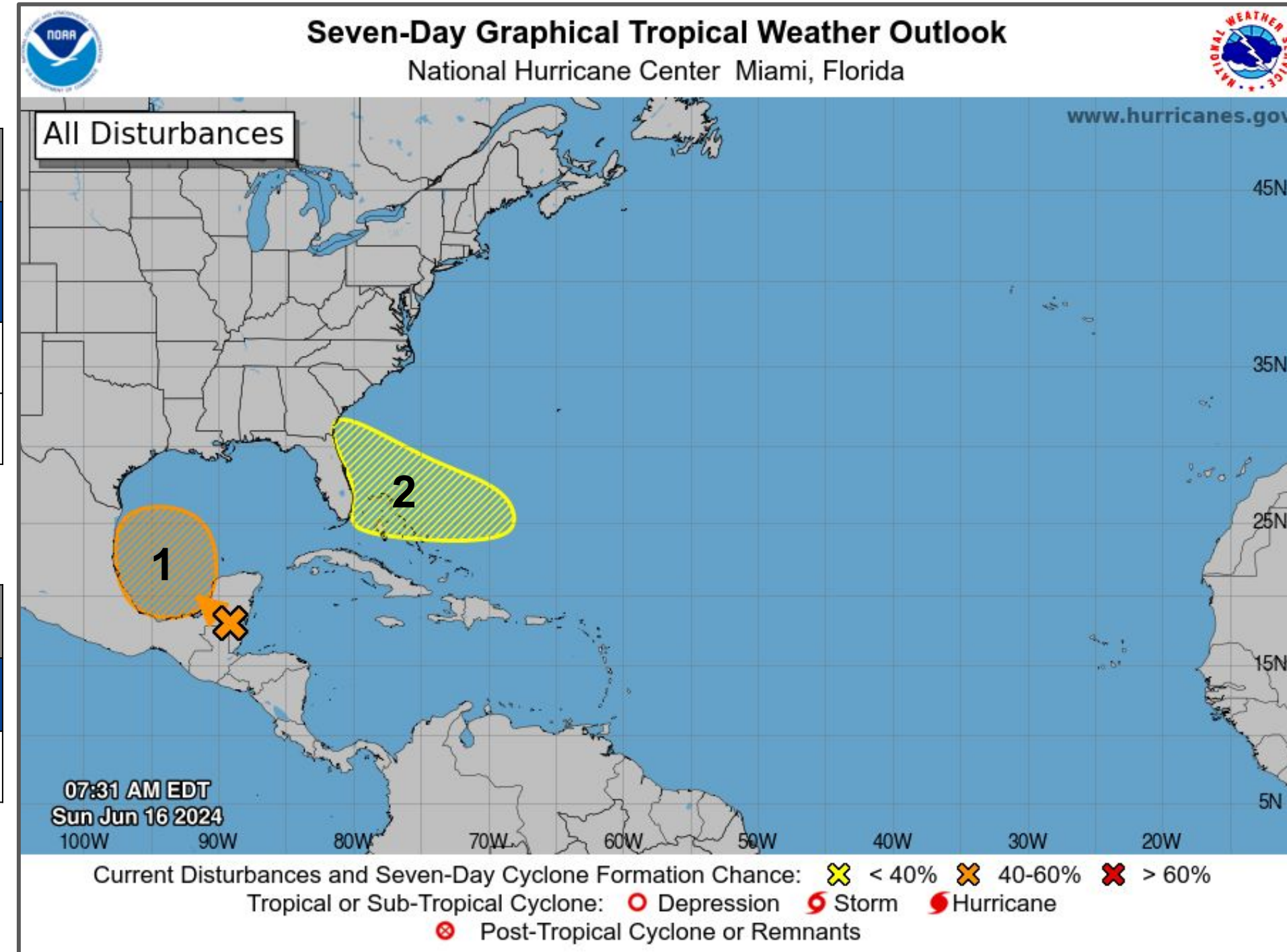
# Tropical Weather Outlook – Atlantic/Gulf

## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Medium	Heavy rain S/SE TX, LA
2	Low	None

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	-



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

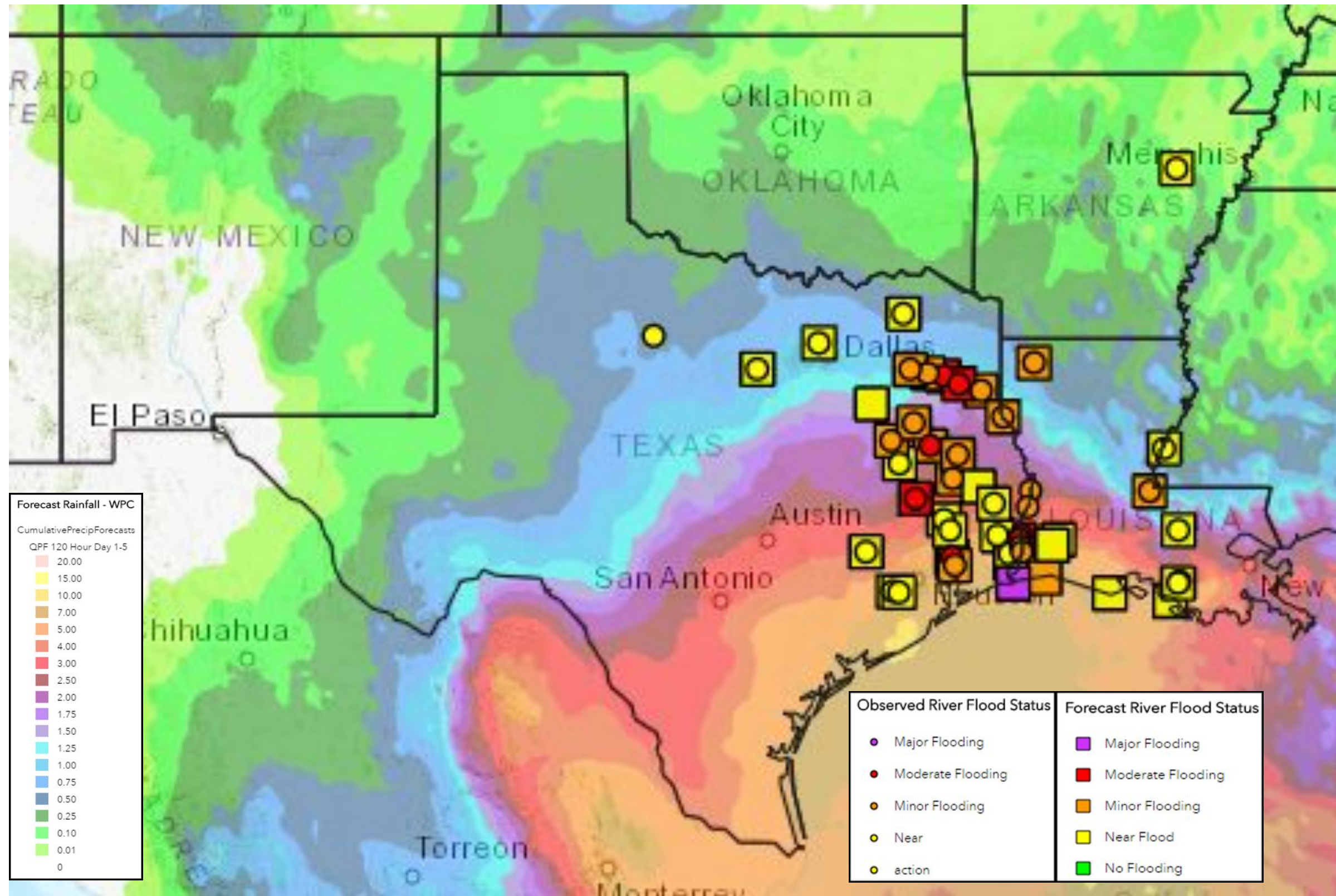






# 5-Day Precipitation Forecast & River Flood Status

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



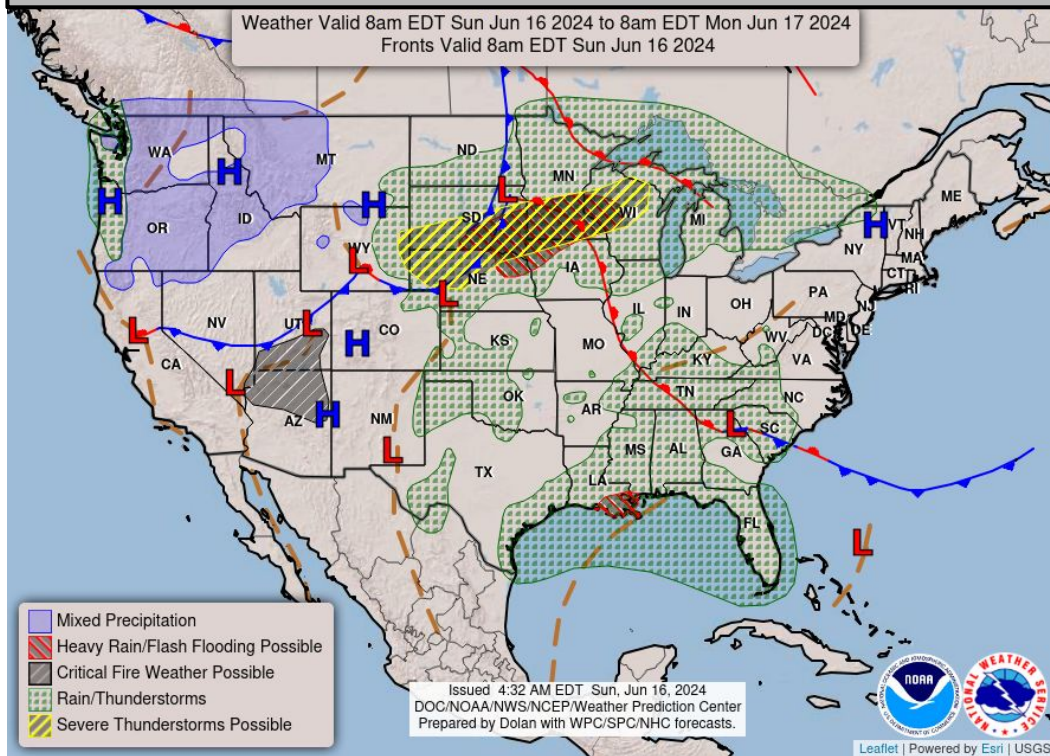
**Moderate/Isolated Major river flooding in E TX impacts to some homes at Trinity River at Riverside. Trinity River at Liberty anticipated to rise to Major by mid-week and impact homes.**



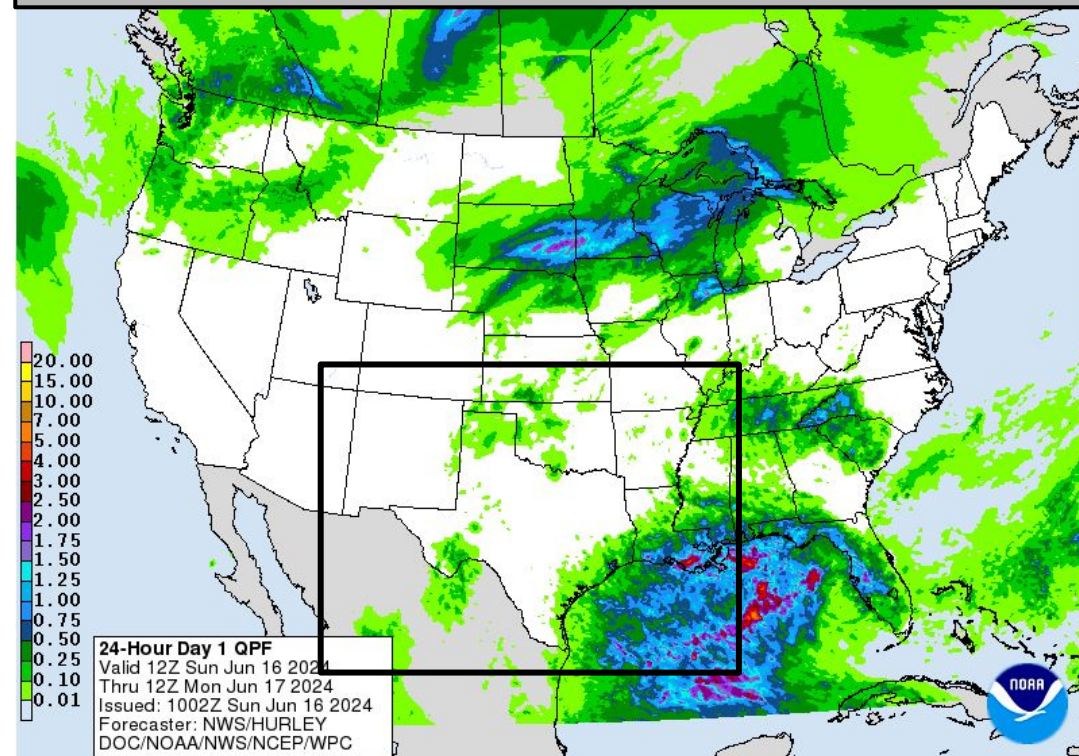


# Today's Weather

## Forecast Chart



## Forecast Rainfall

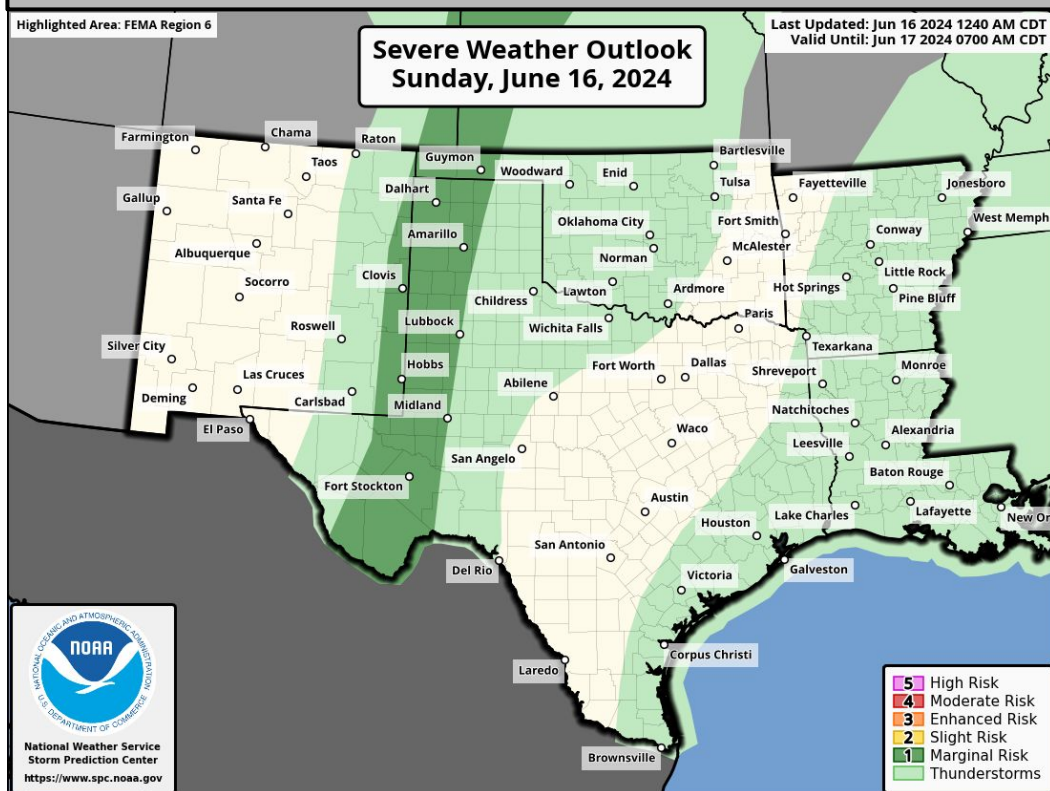


**Slight risk for heavy rainfall/flash flooding in SE LA.**

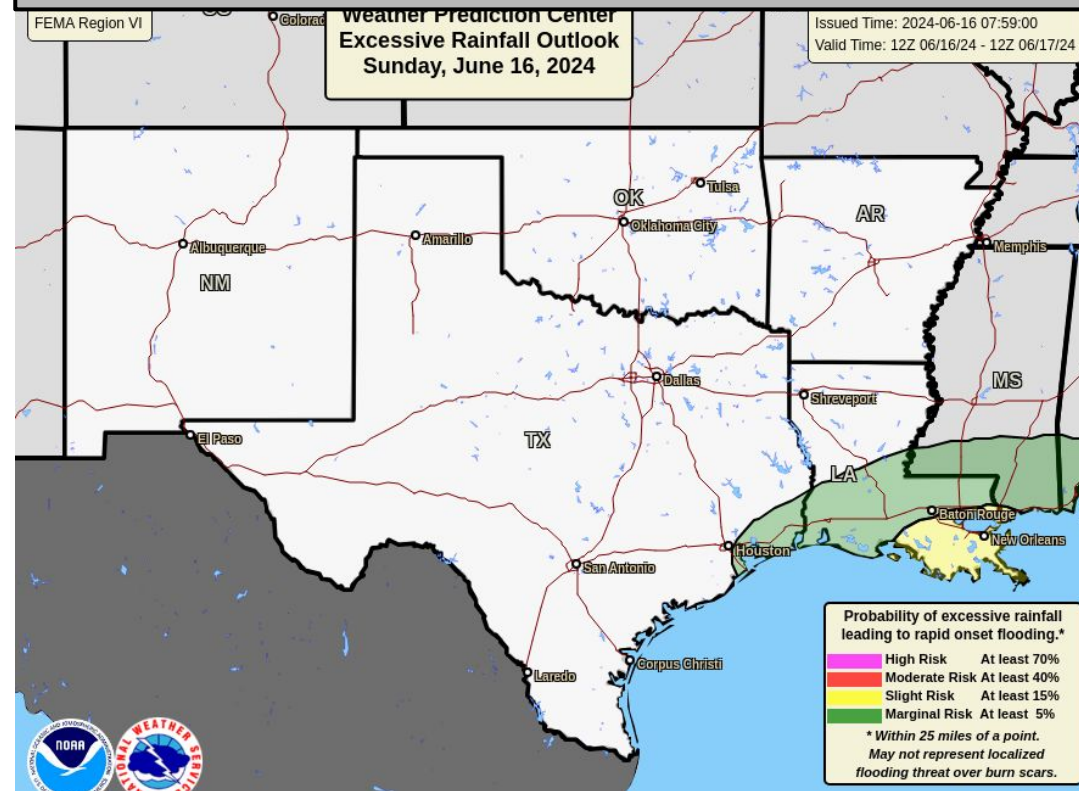
**Marginal risk for severe storms in E NM, OK Panhandle, Panhandle/W TX.**

**Elevated fire weather conditions in S/W NM.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

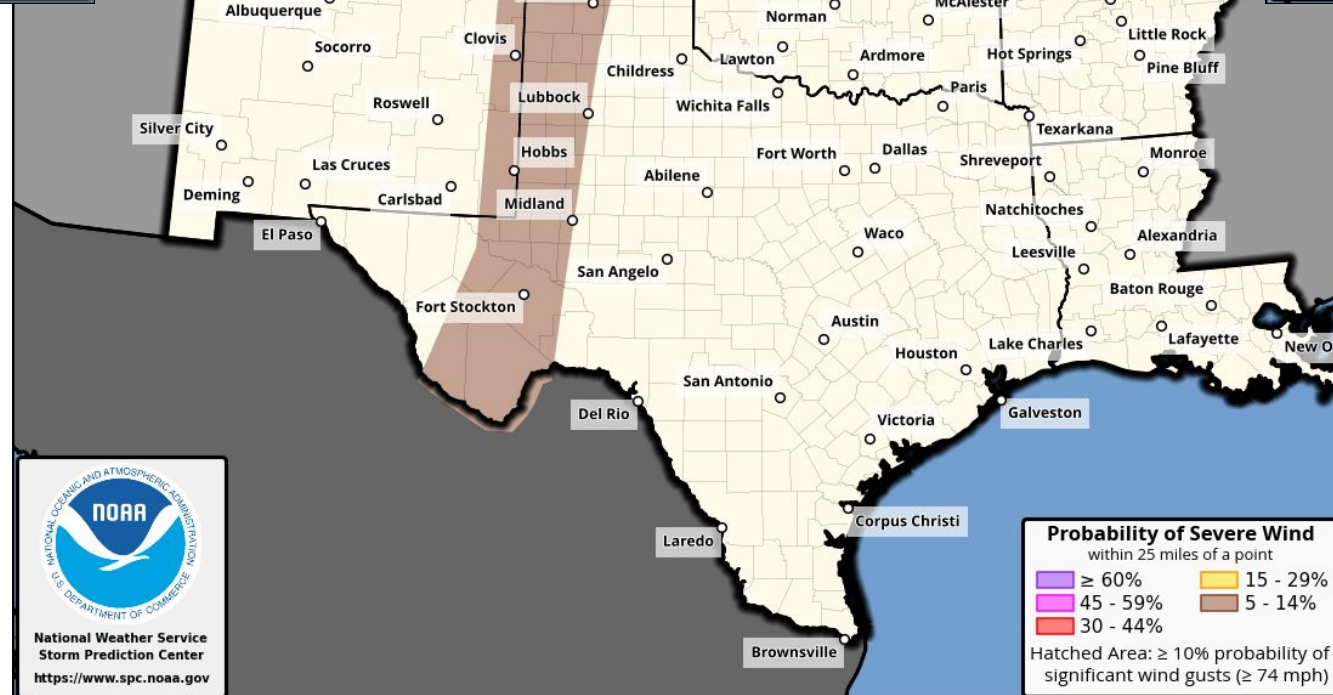
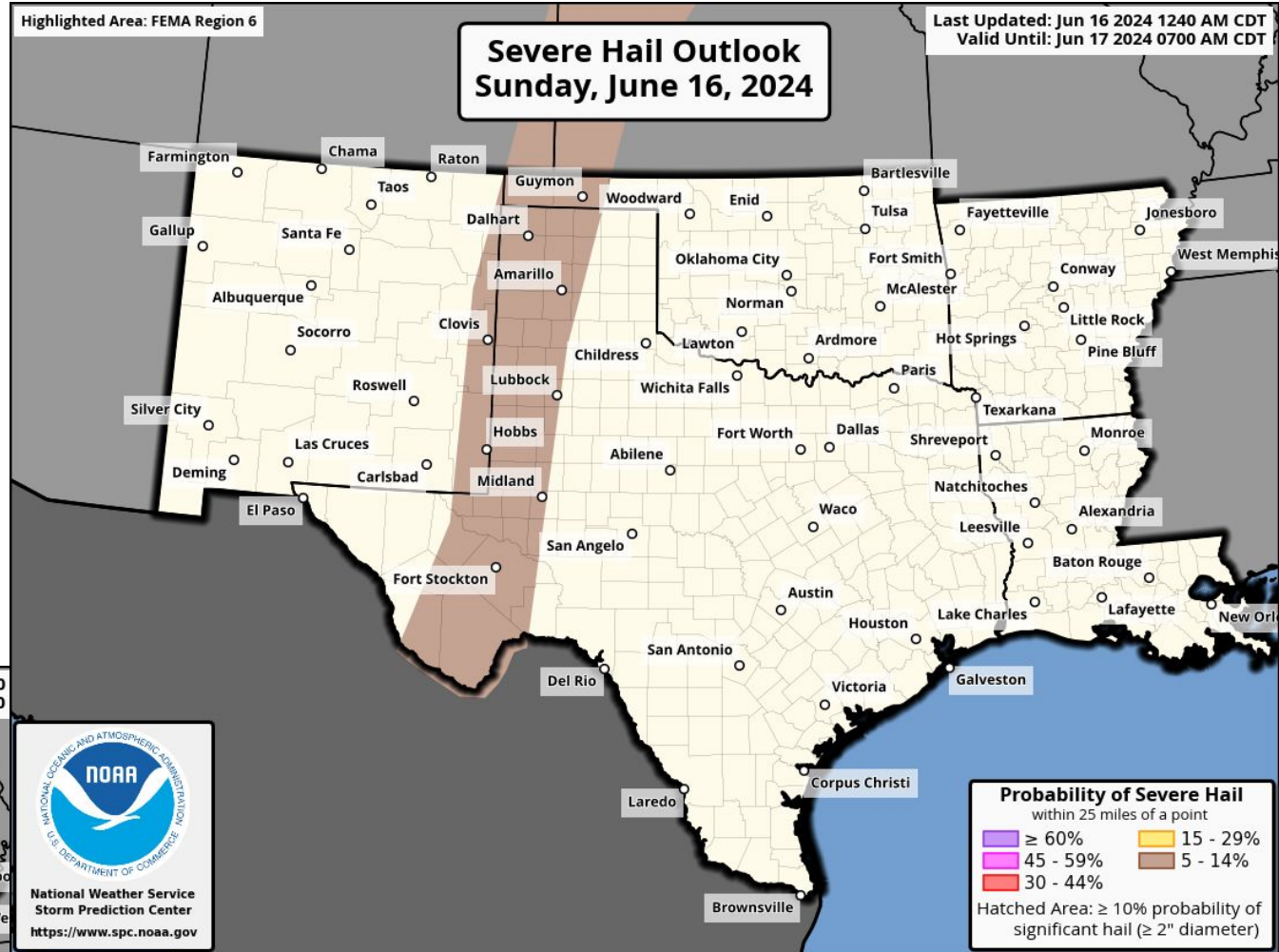
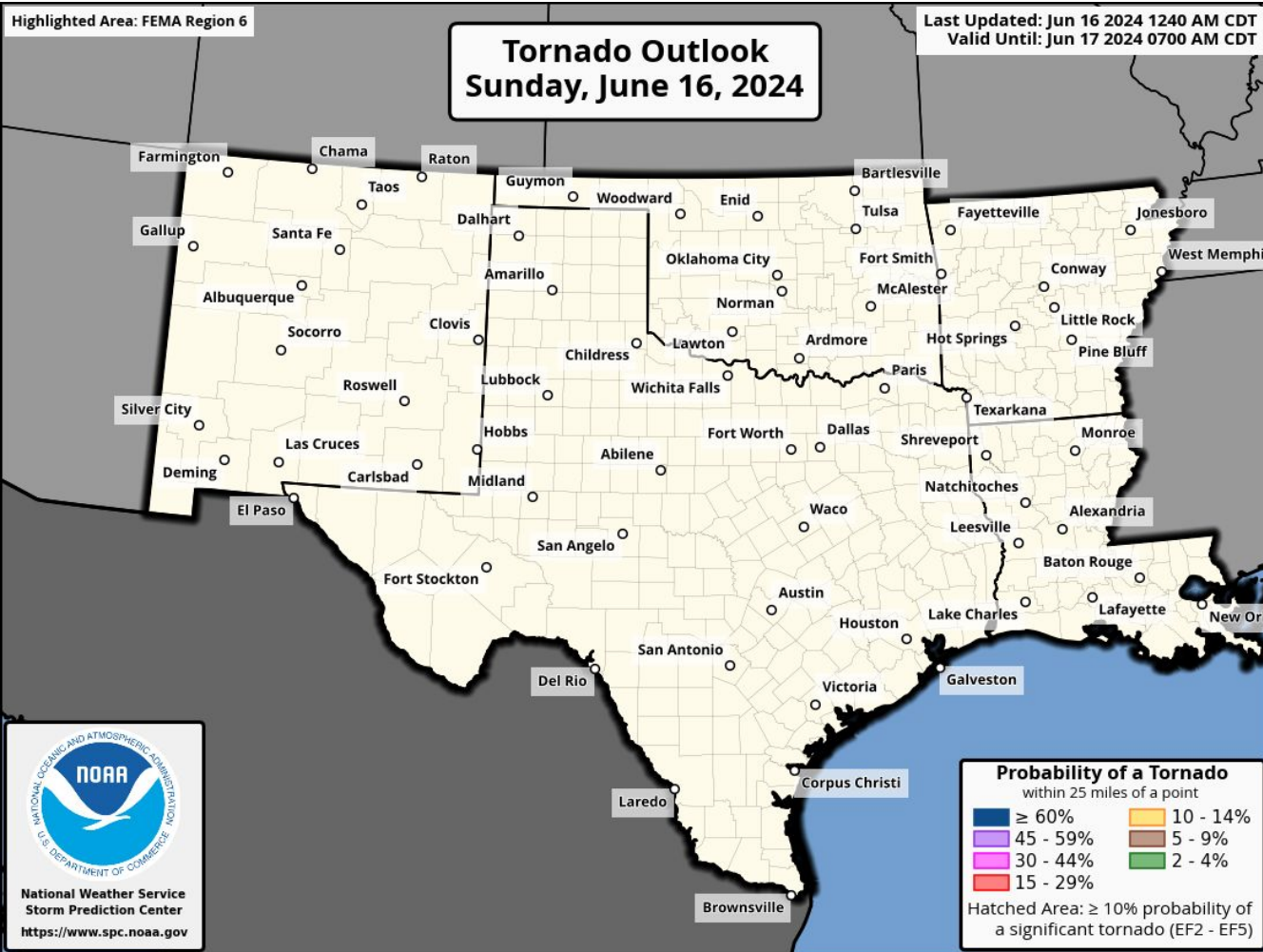






# Today's Tornado & Severe Wind / Hail Probabilities

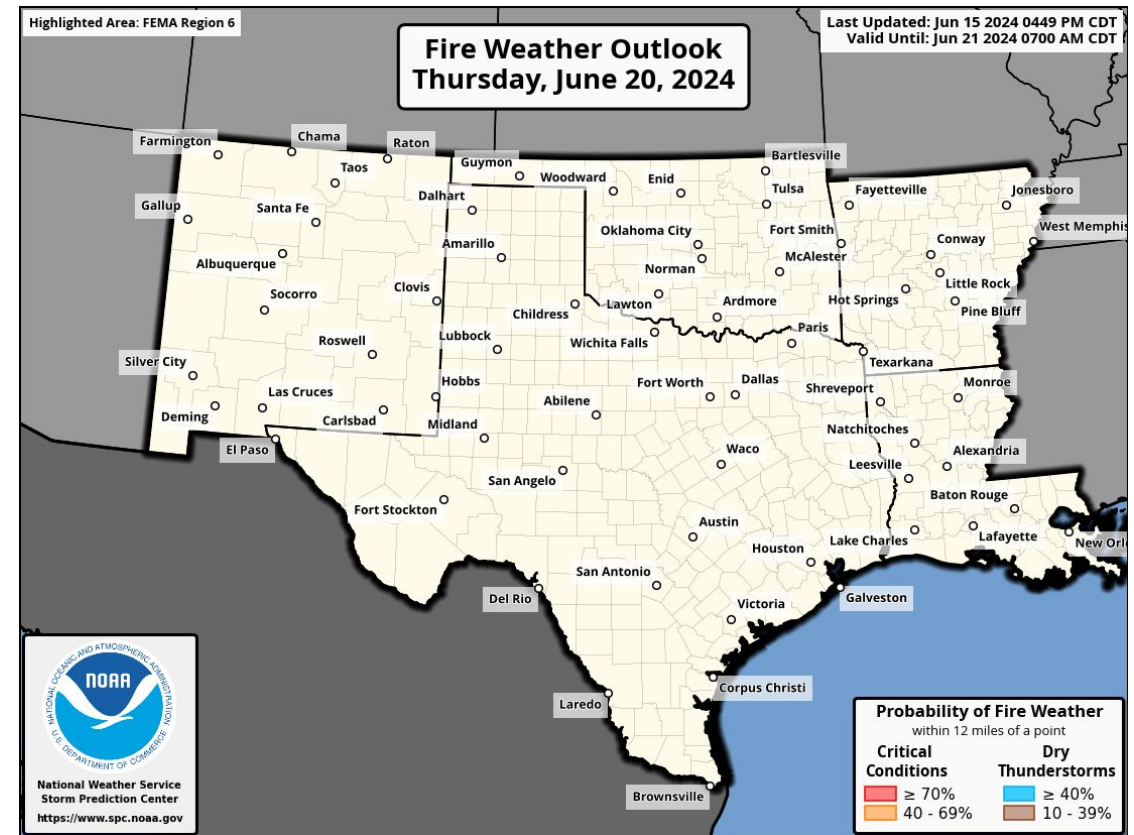
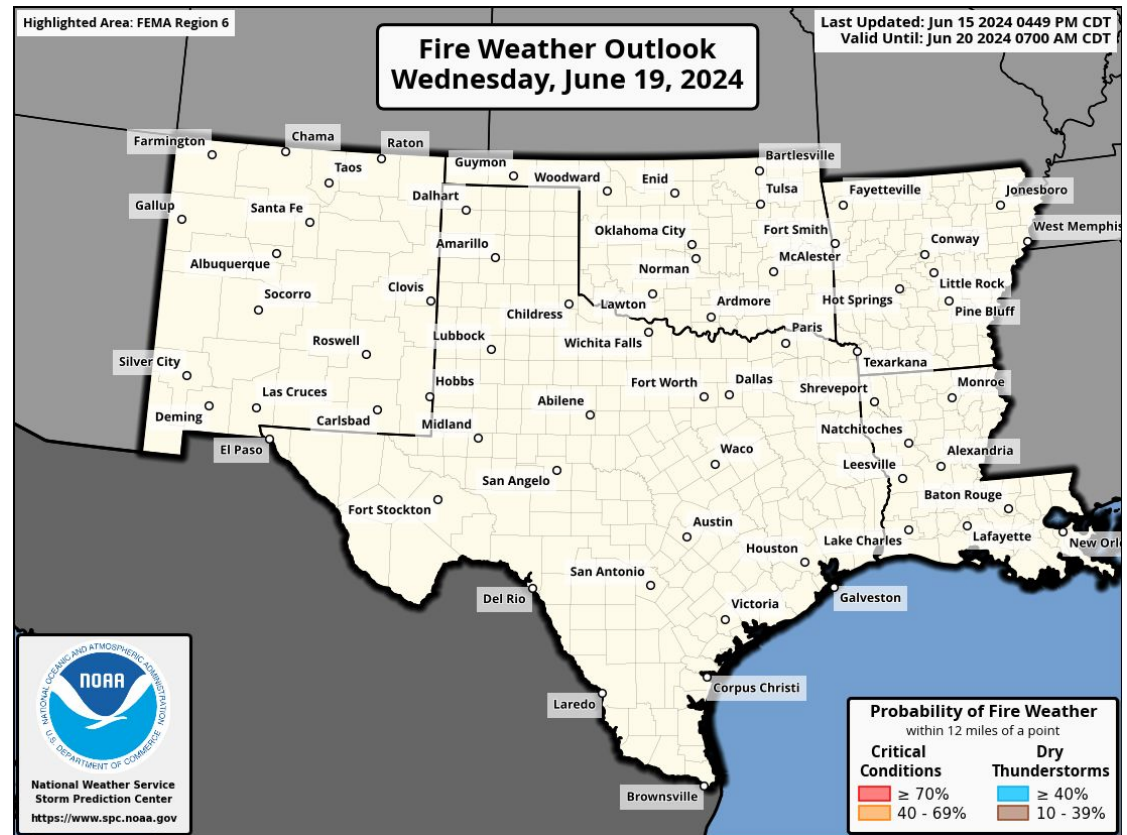
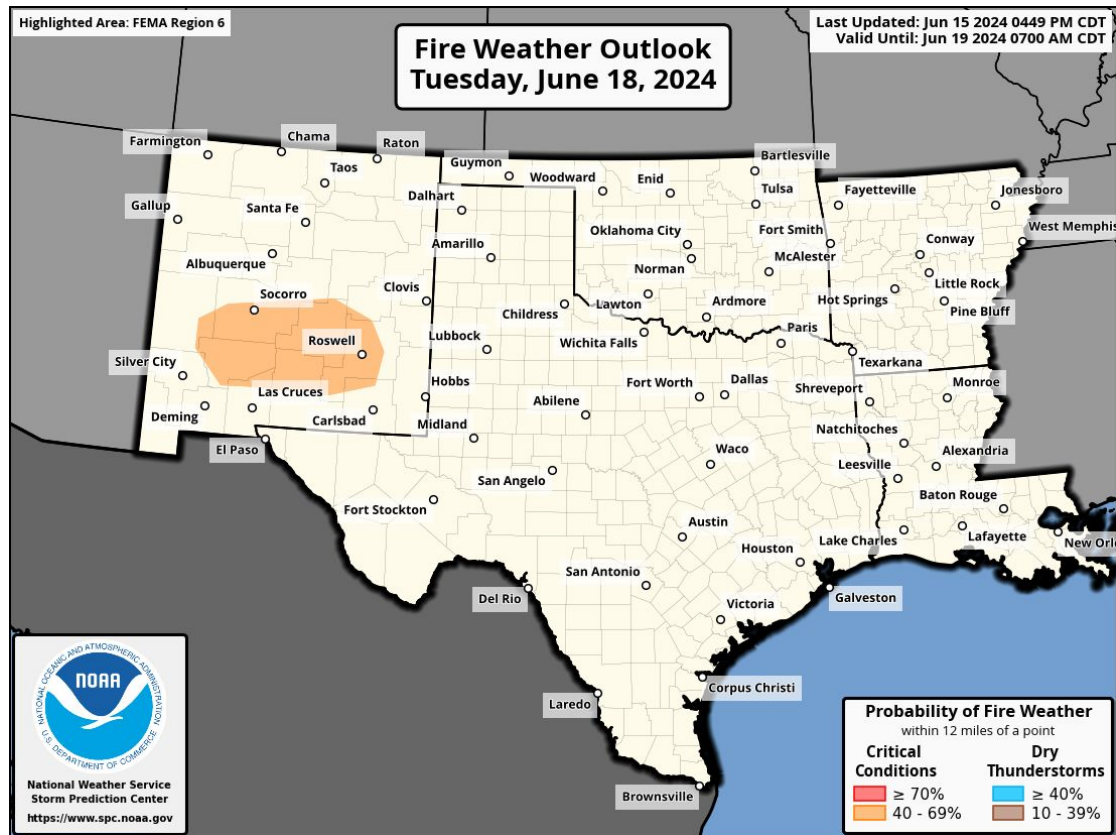
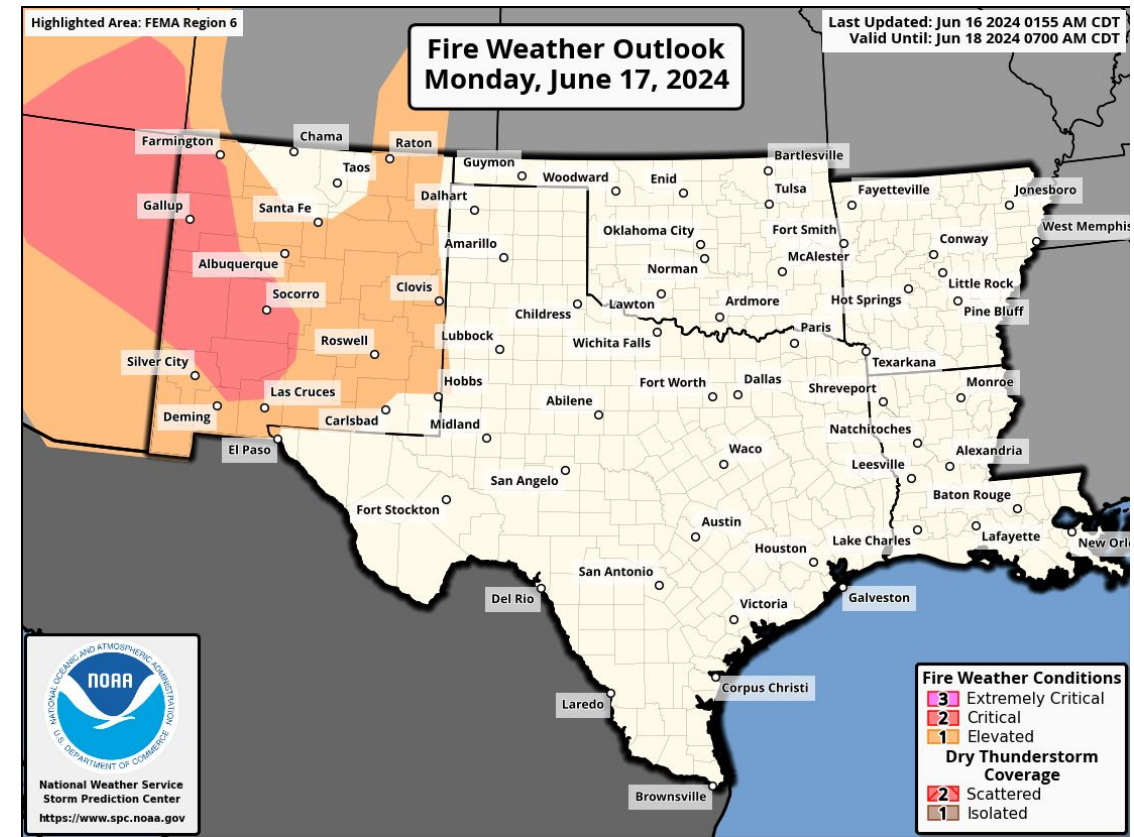
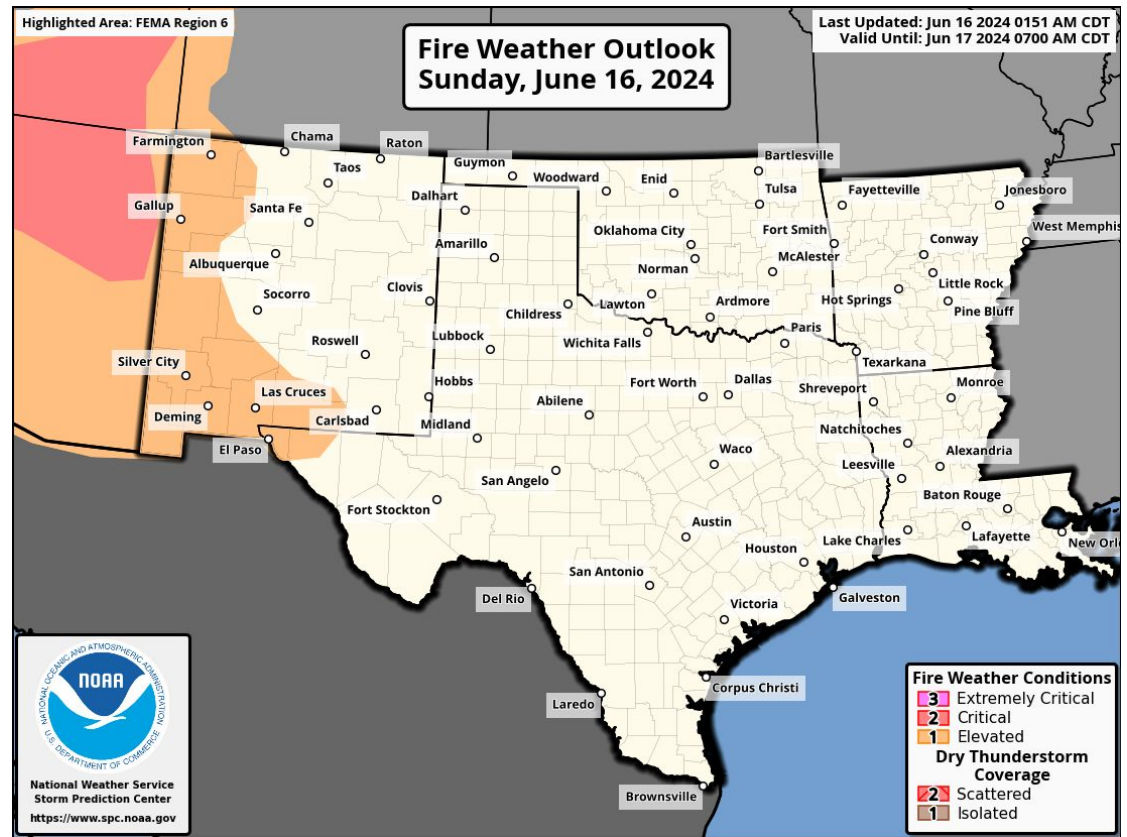
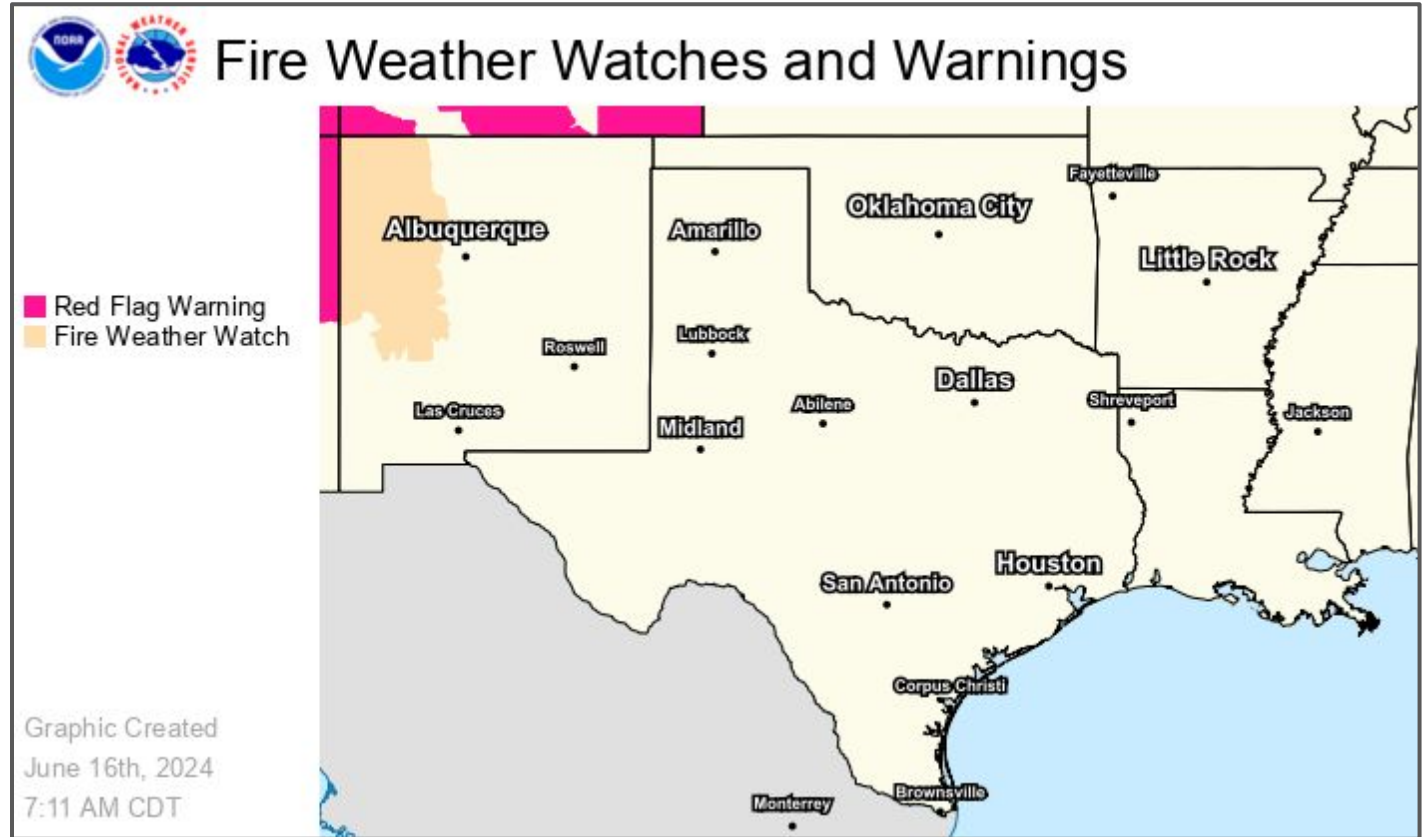
June 16, 2024







# Fire Weather Outlooks



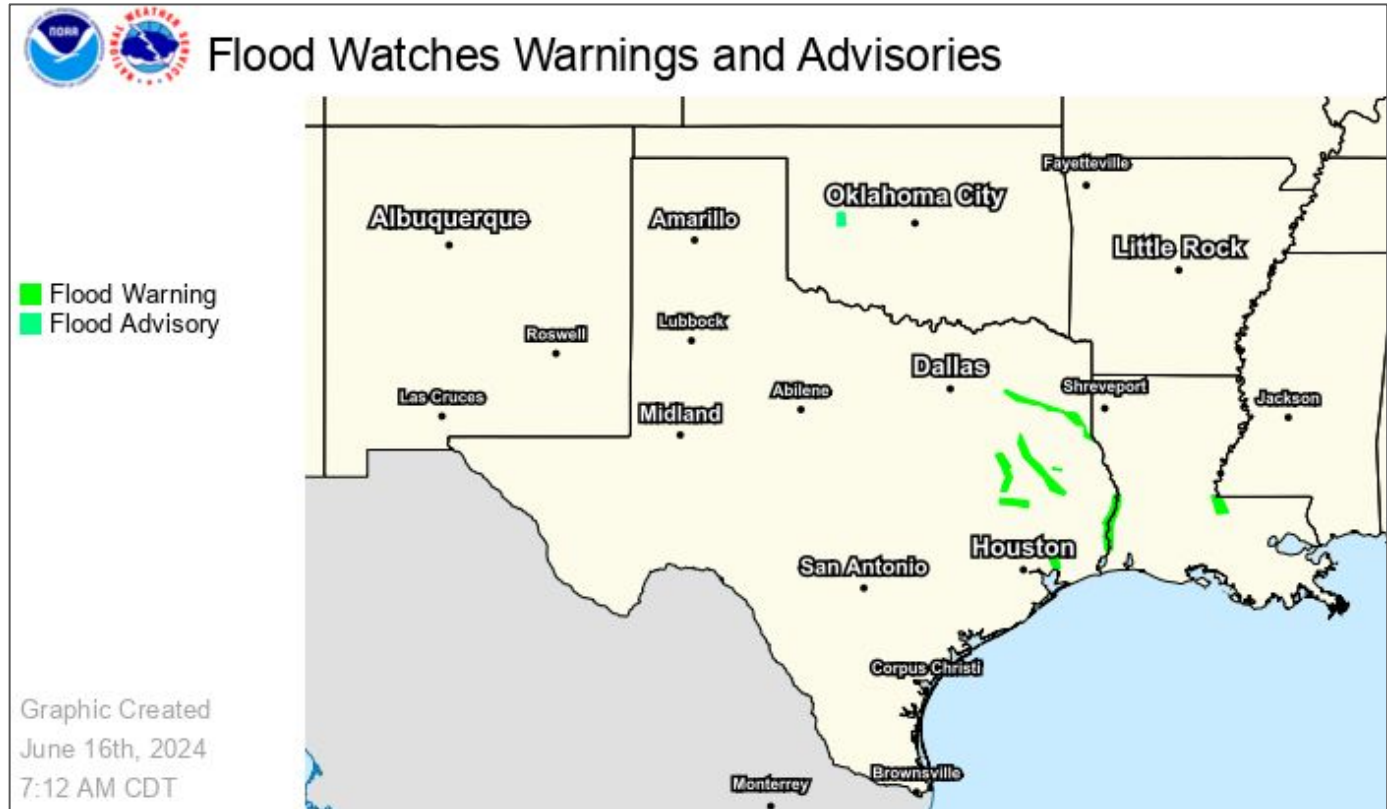
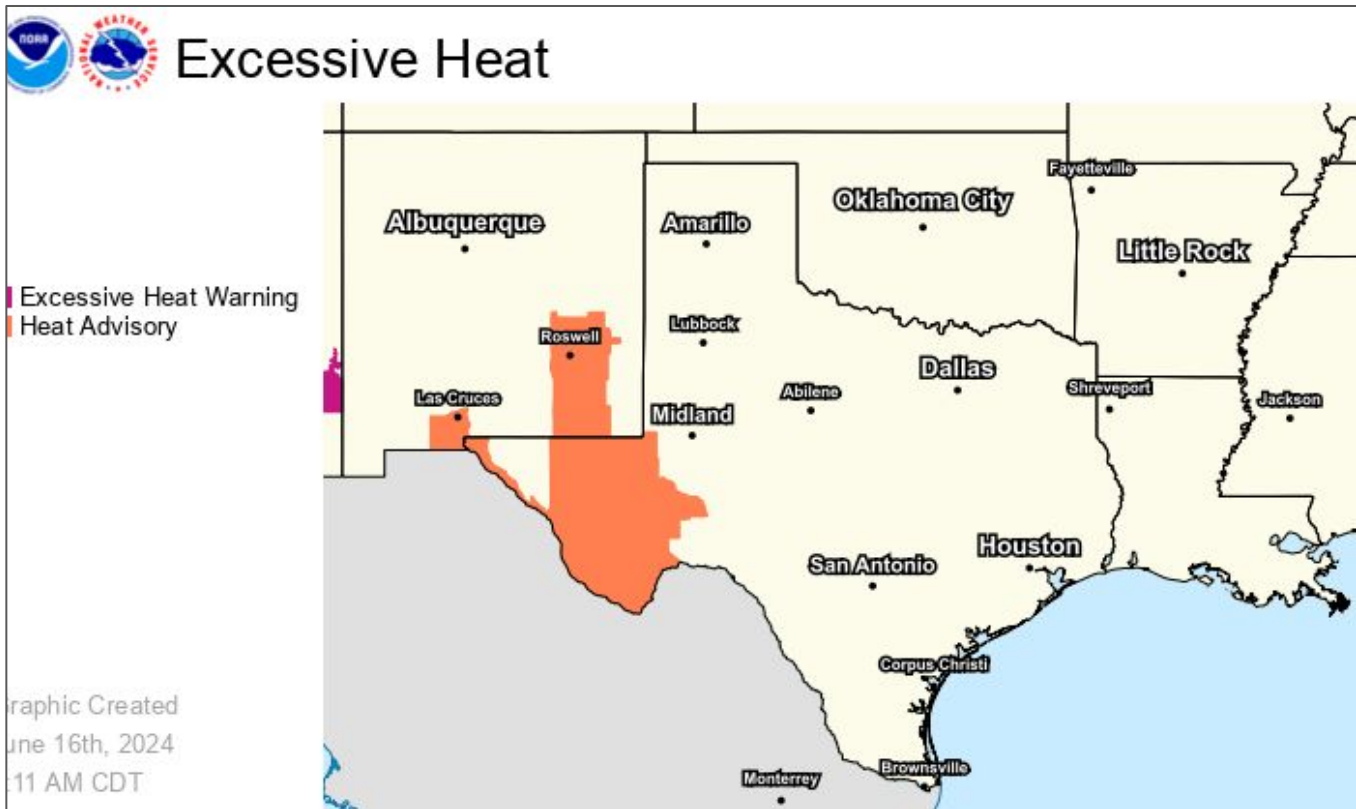
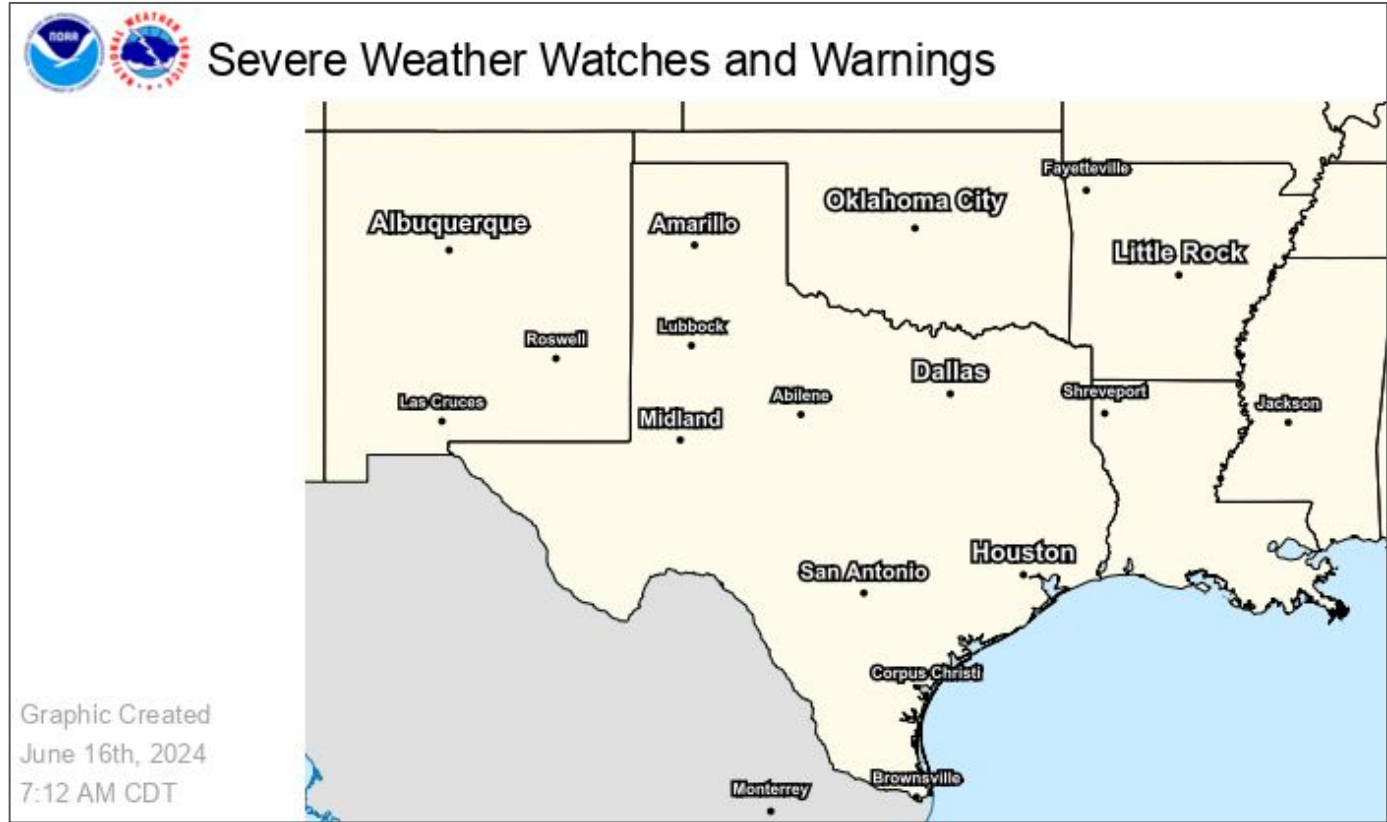




# Watches, Warnings, and Advisories

## Wind, Severe, Heat, and Flood Hazards

**Heat Advisories in S NM and W TX.**

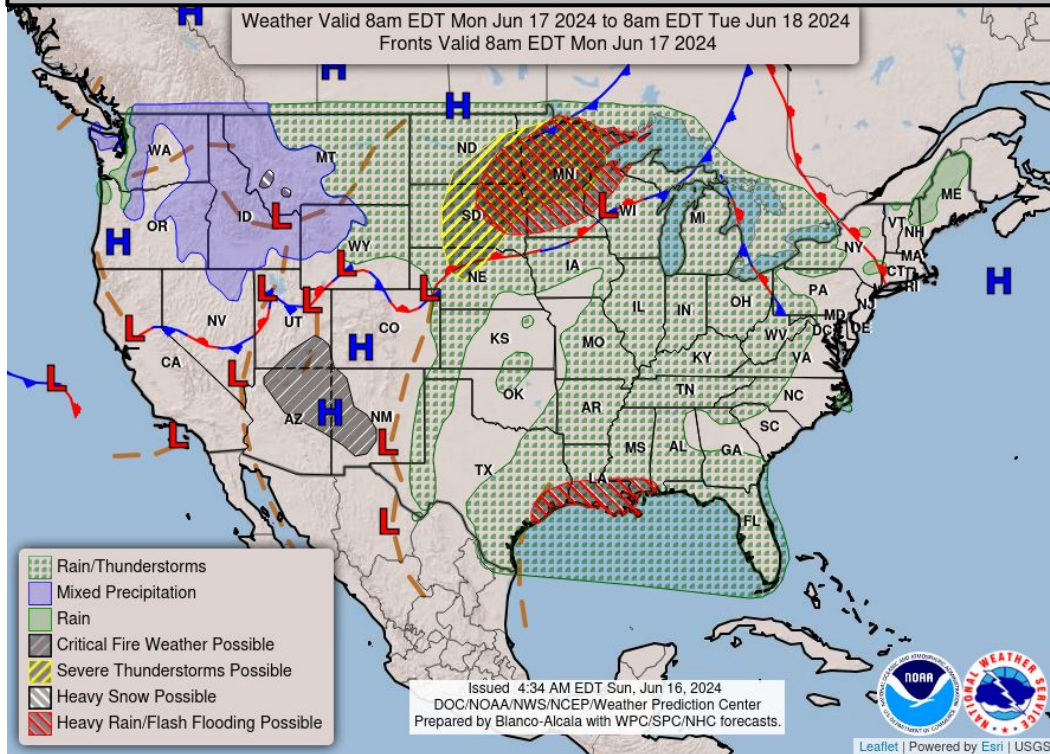




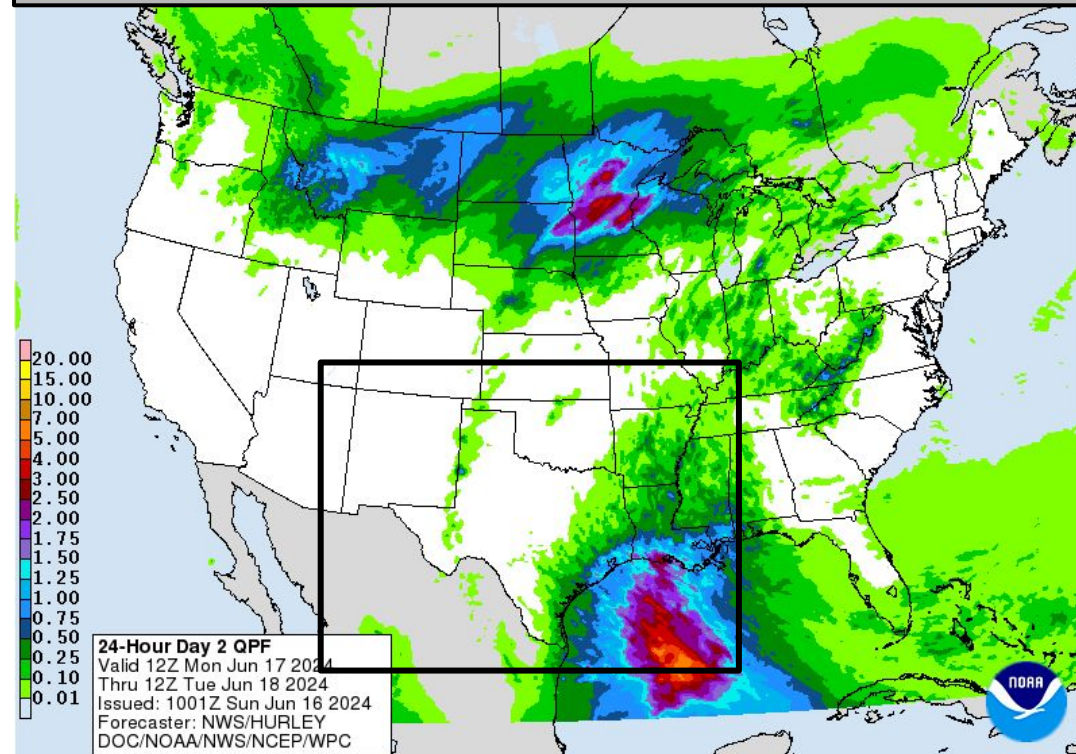


# Tomorrow's Weather

## Forecast Chart



## Forecast Rainfall

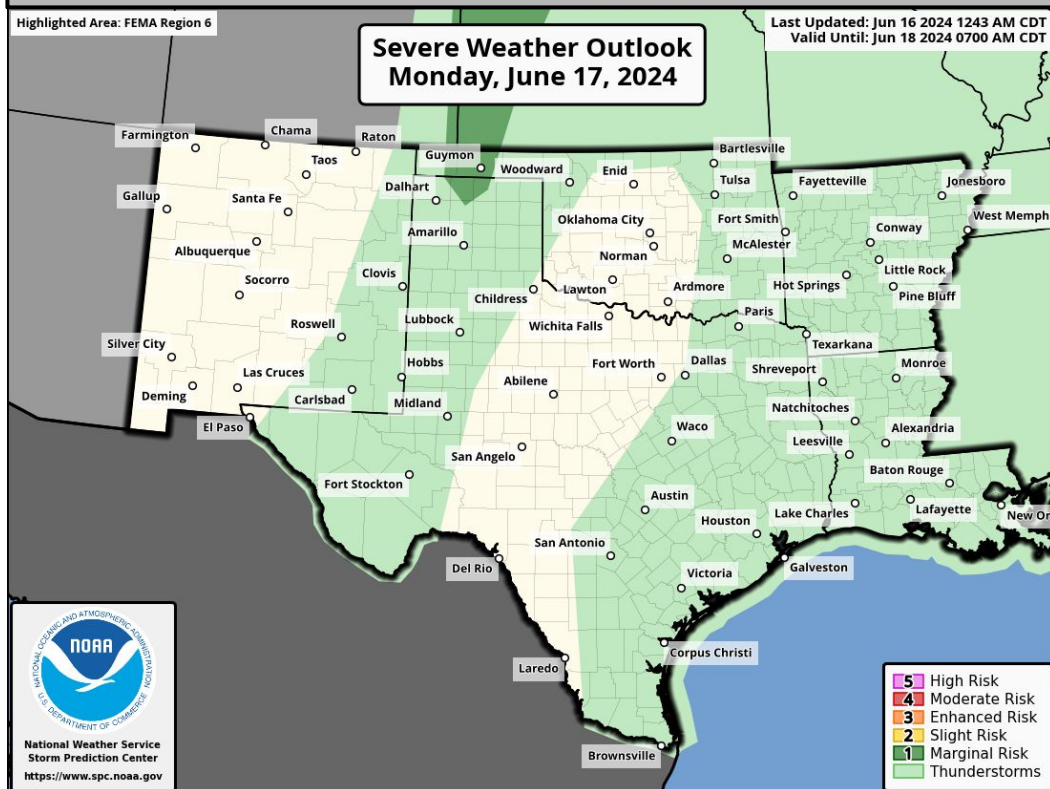


**Slight risk for heavy rainfall/flash flooding across SETX, LA.**

**Elevated to critical fire weather conditions across W NM.**

**Marginal risk for severe storms in the OK Panhandle.**

## Severe Weather Outlook



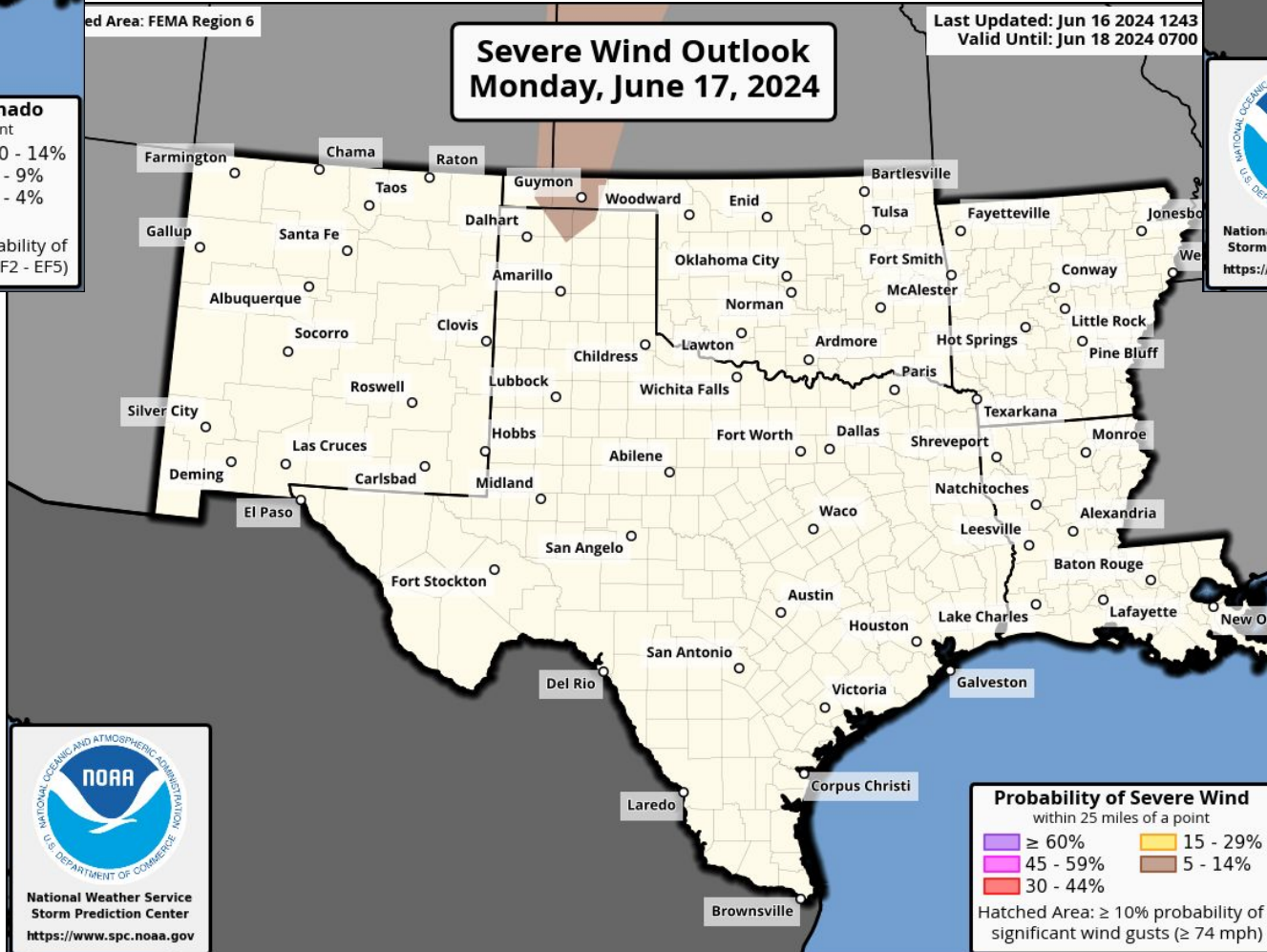
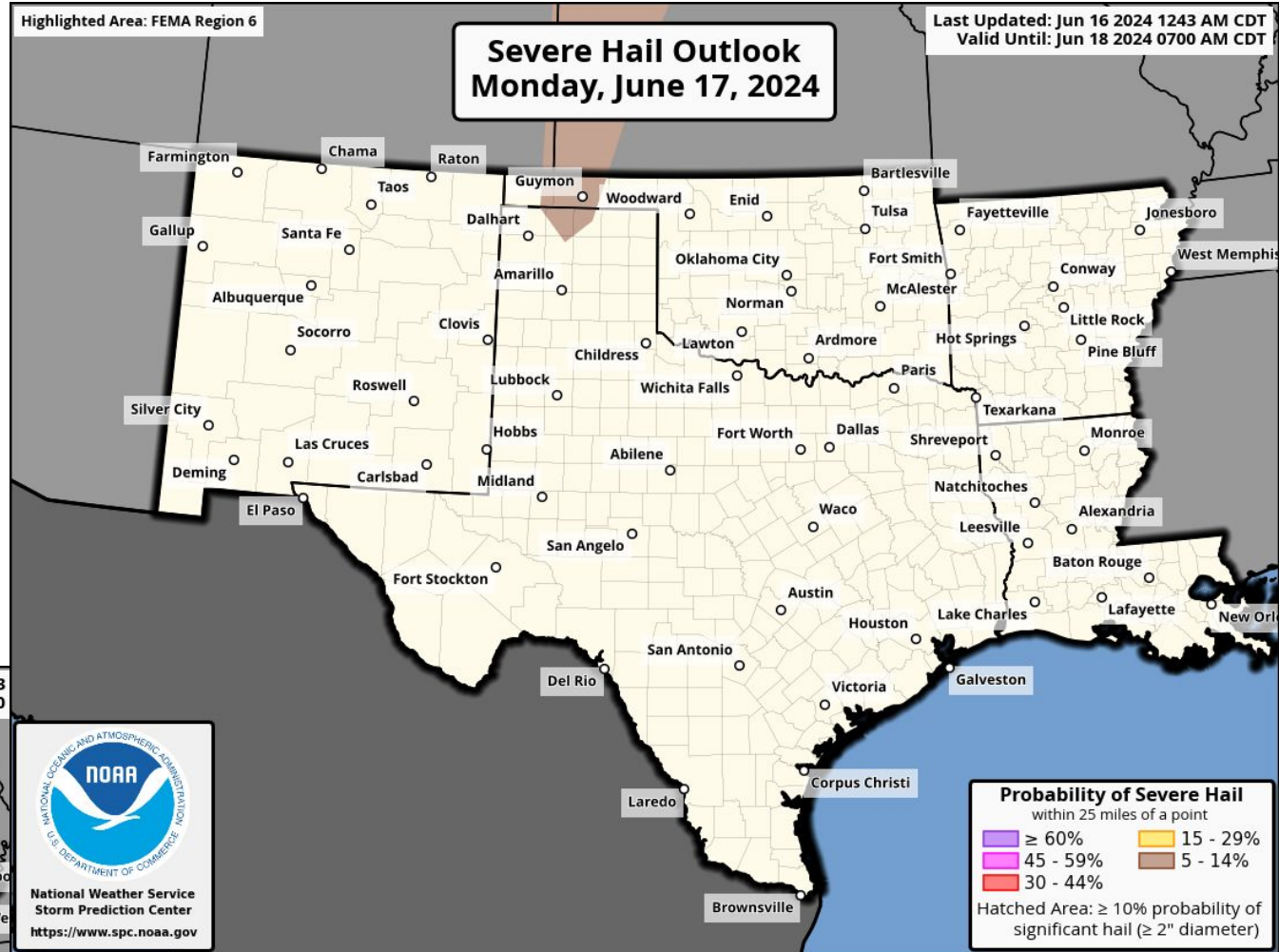
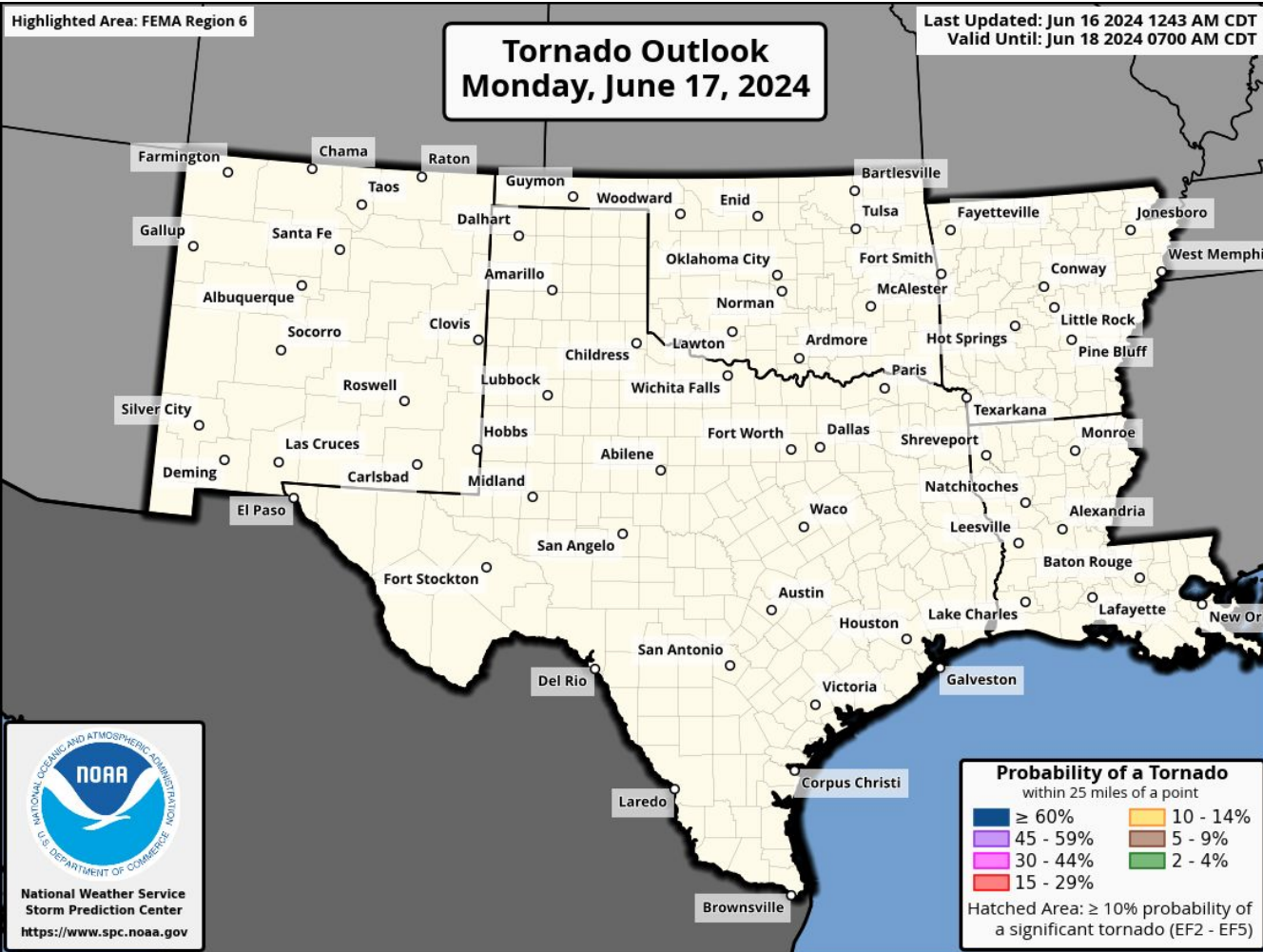
## Excessive Rainfall Outlook







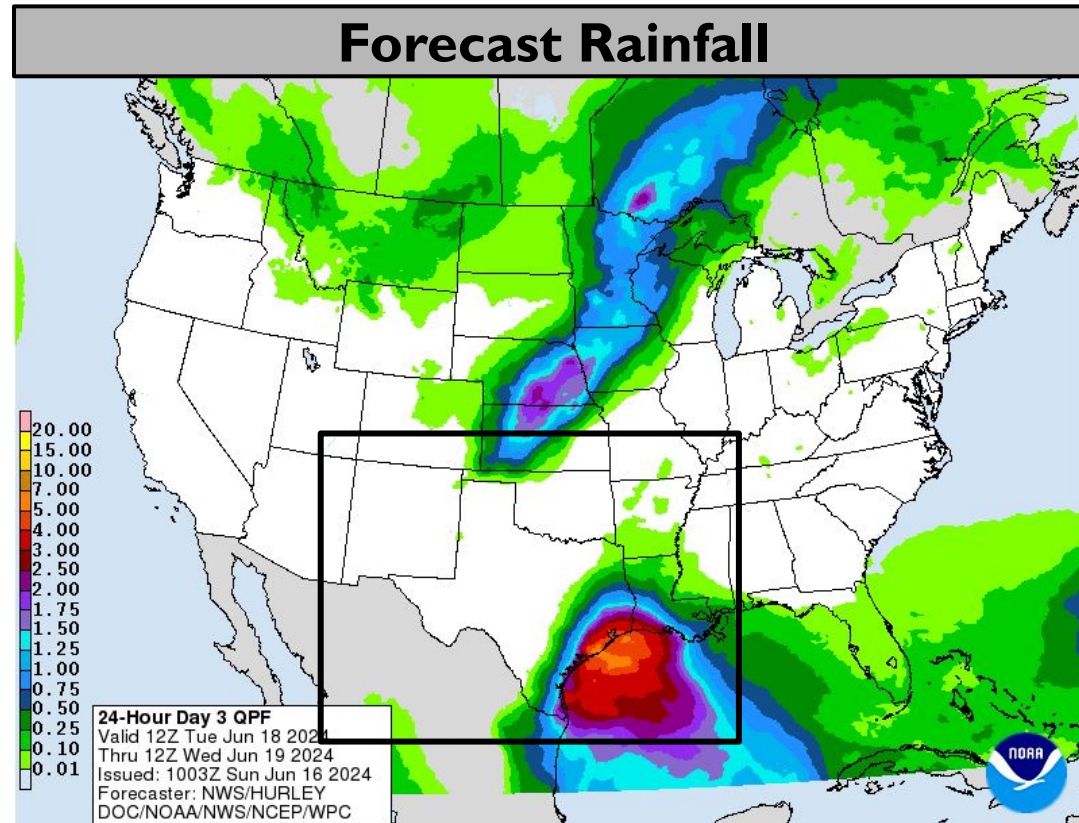
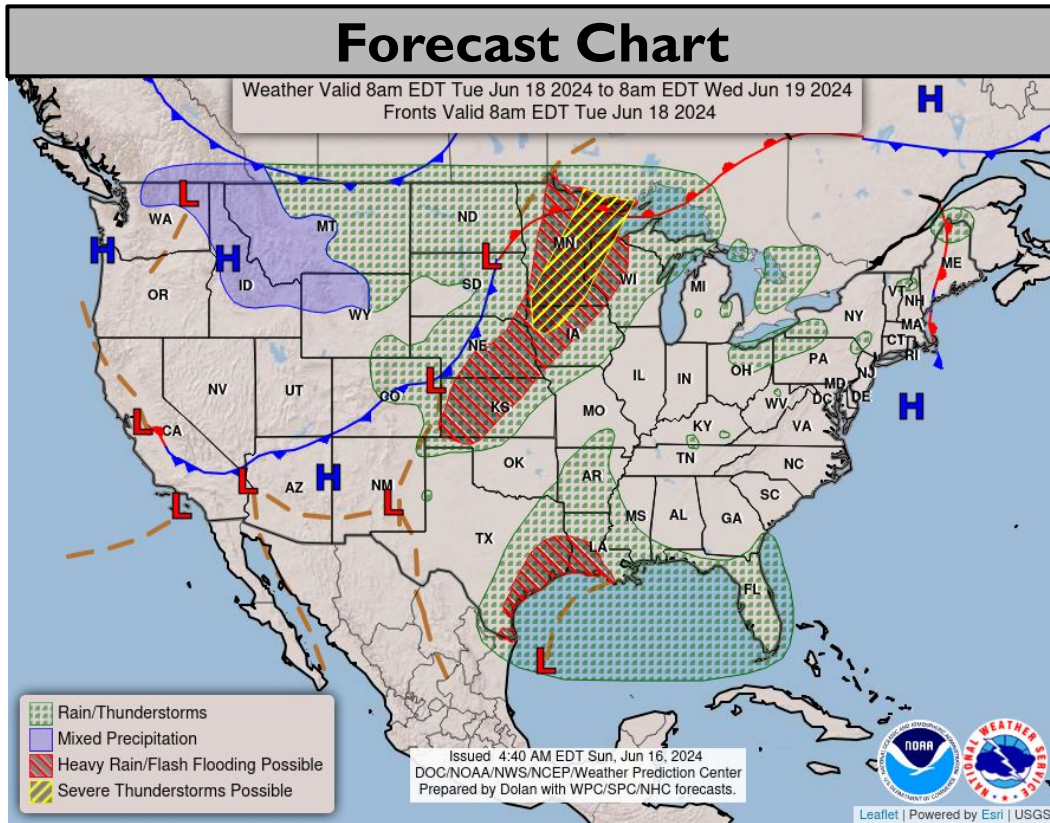
# Tomorrow's Tornado & Severe Wind / Hail Probabilities





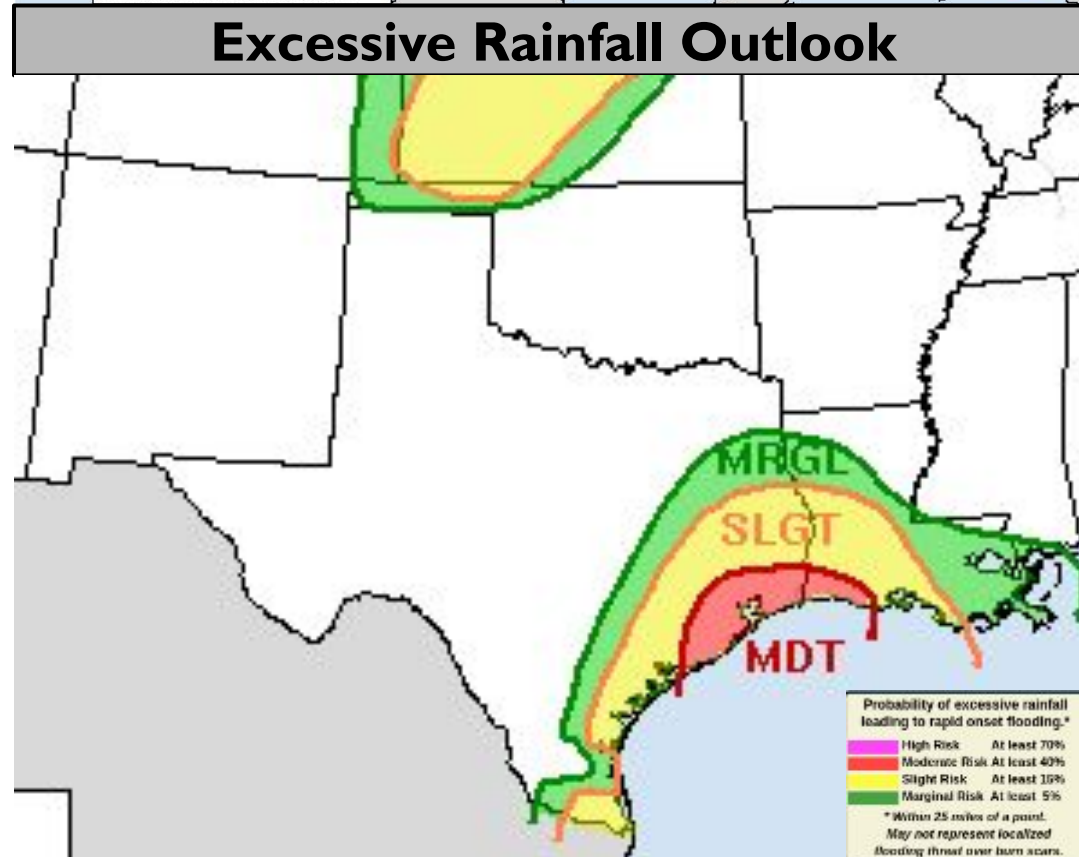
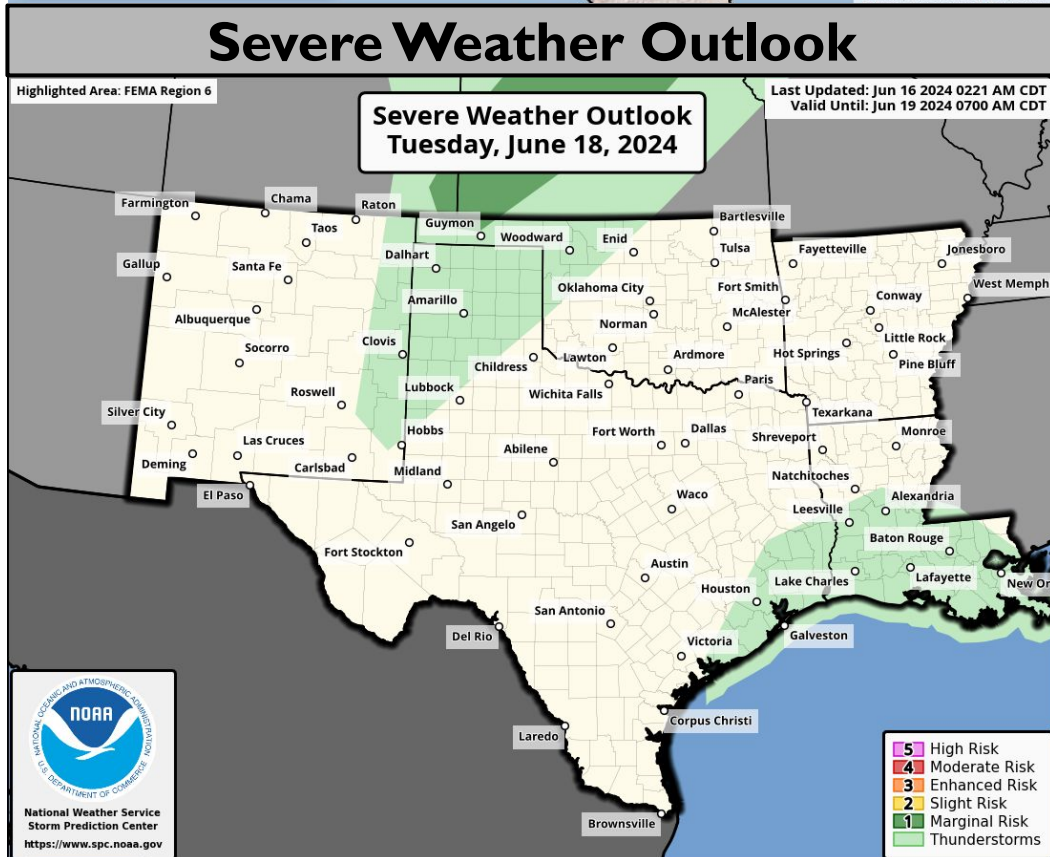


# Tuesday's Weather



**Moderate risk for heavy rainfall/flash flooding in SETX, SW LA.**

**Elevated fire weather conditions in S NM.**

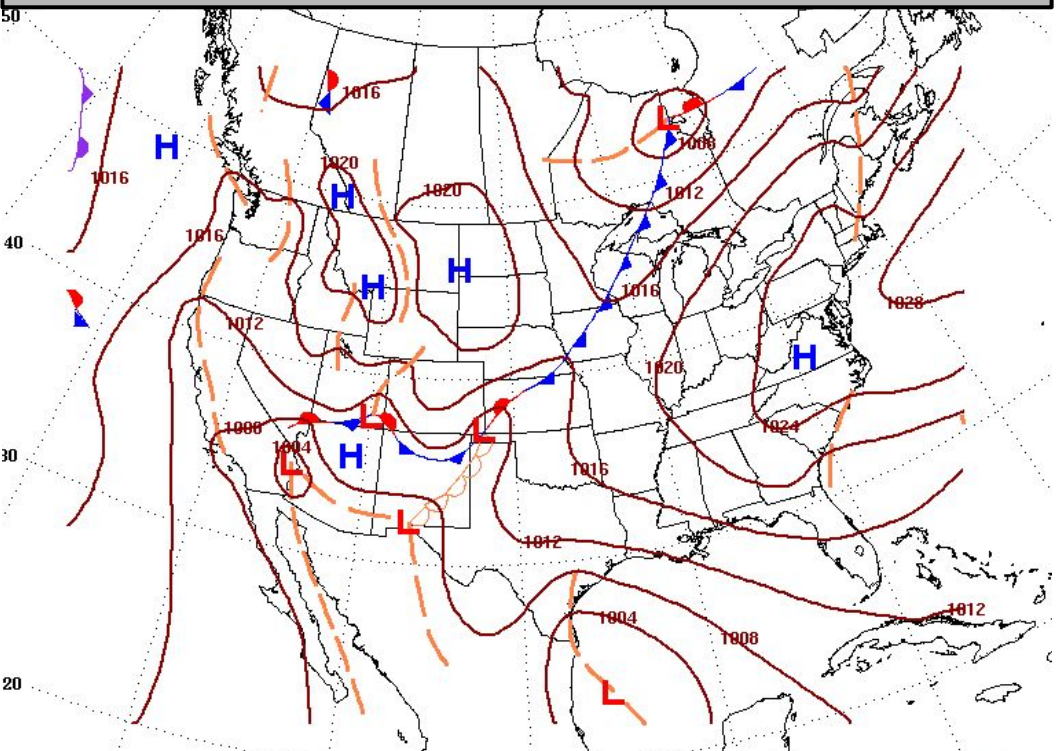




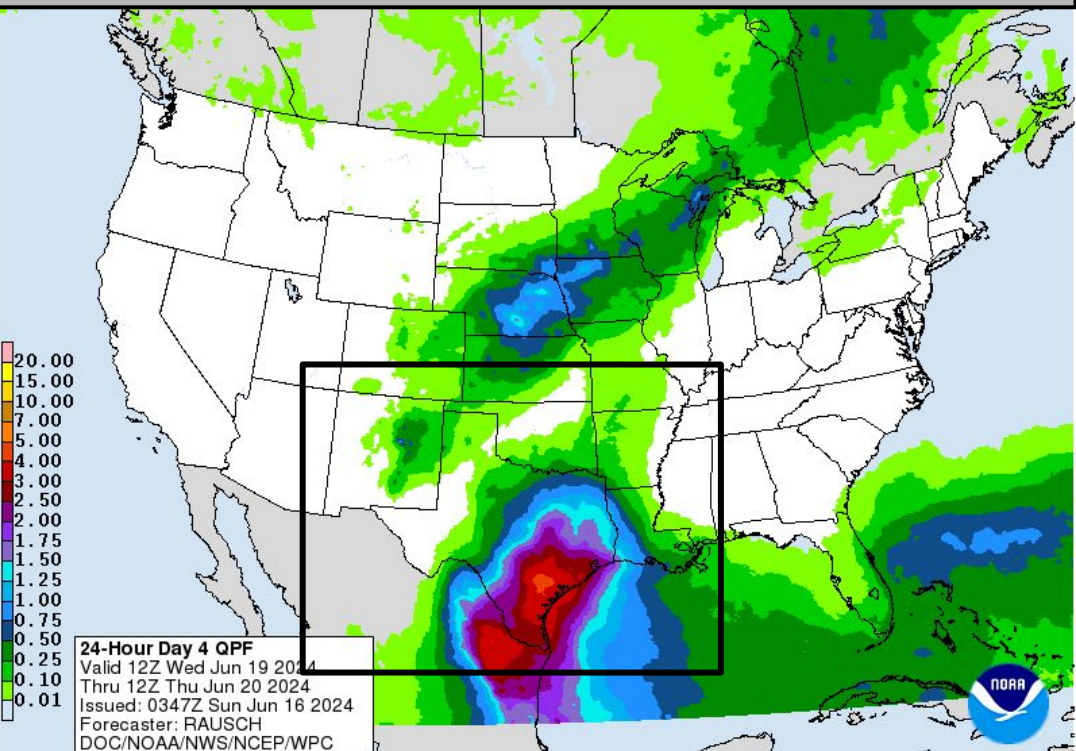


# Wednesday's Weather

### Forecast Chart

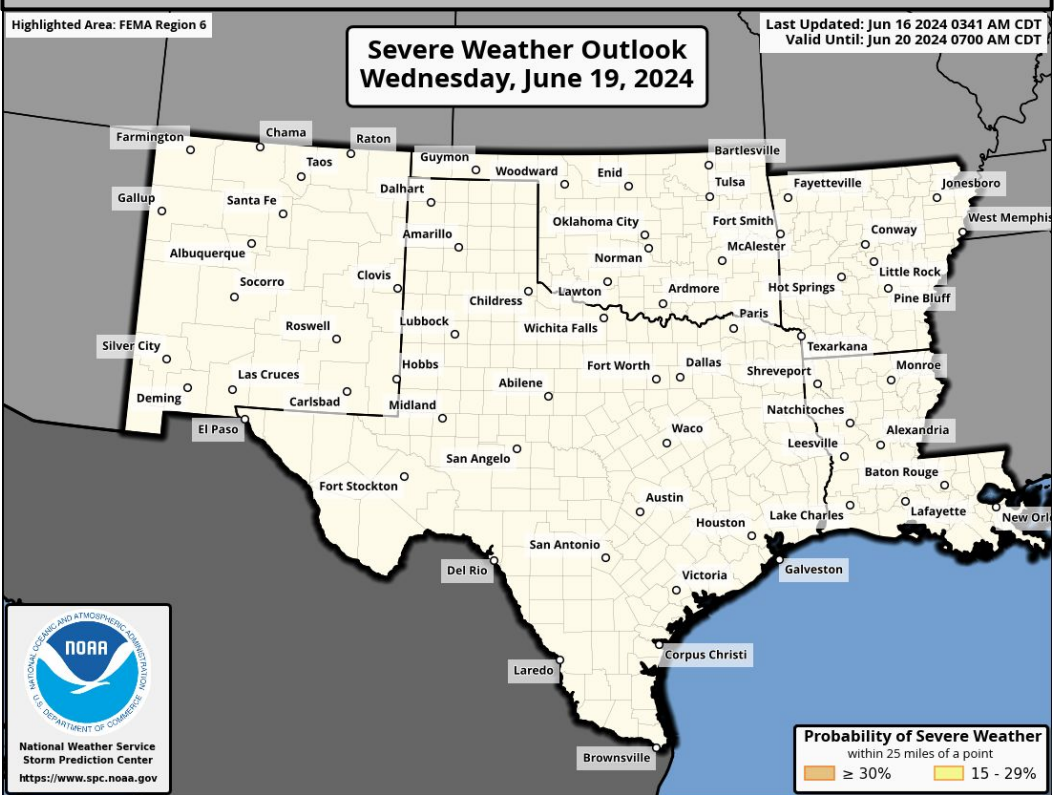


### Forecast Rainfall

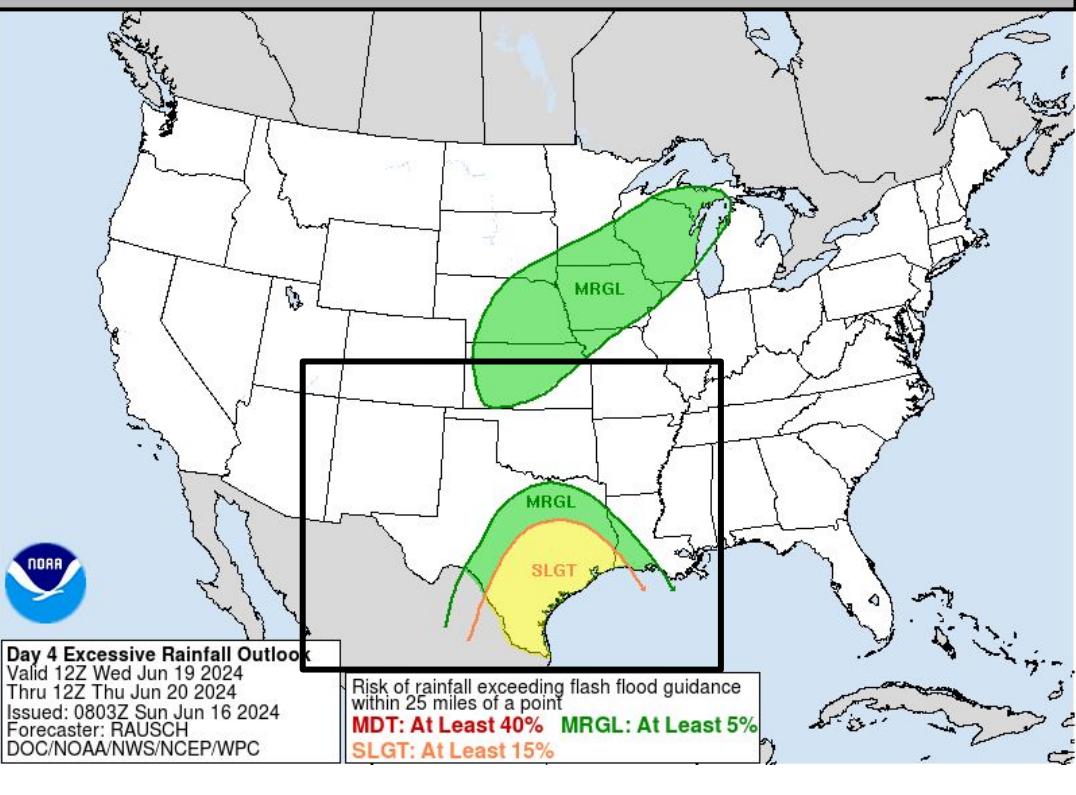


**Slight risk for heavy rainfall/flash flooding in S/SE TX, SW LA.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

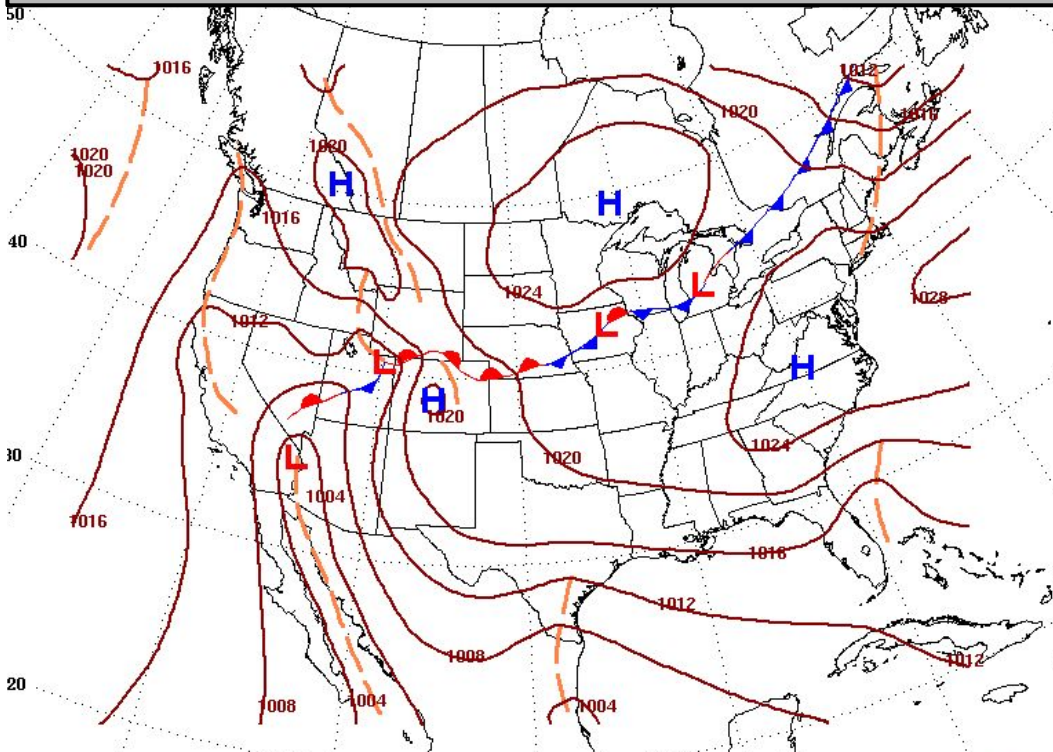




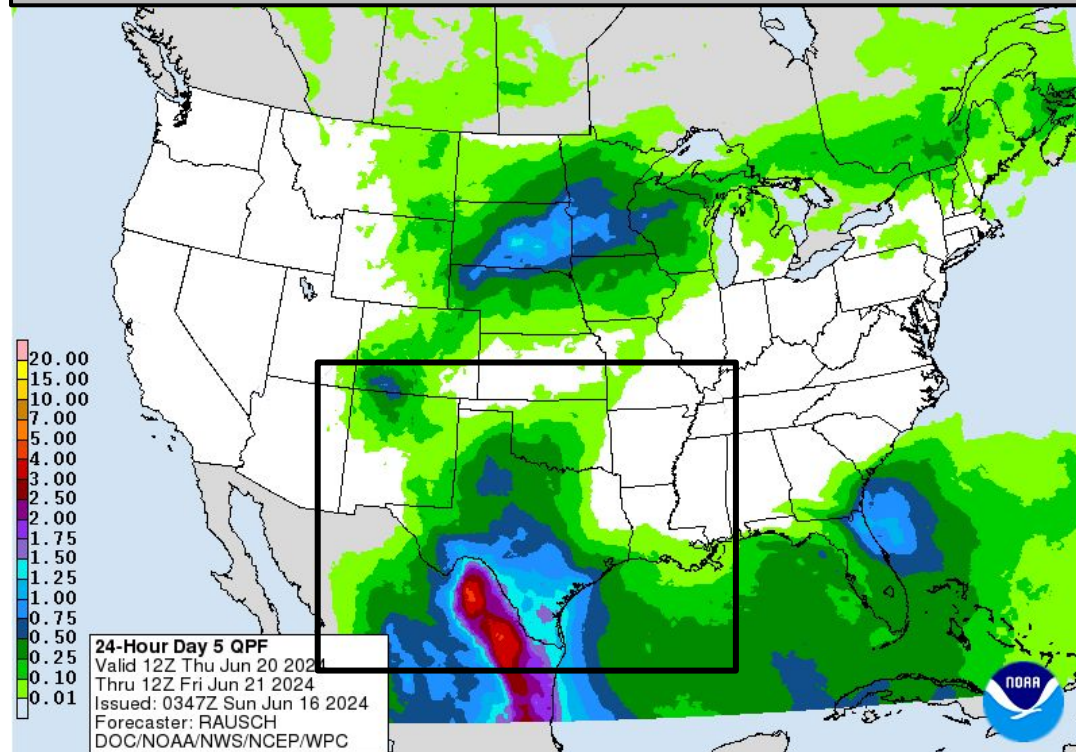


# Thursday's Weather

### Forecast Chart

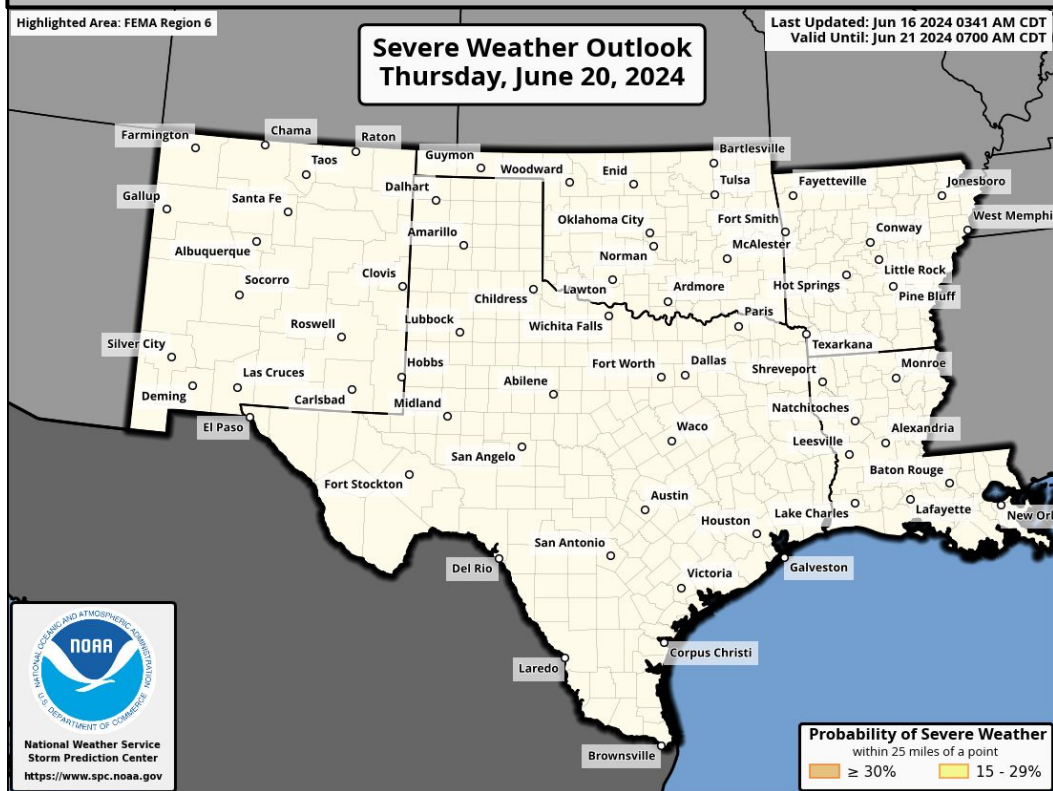


### Forecast Rainfall

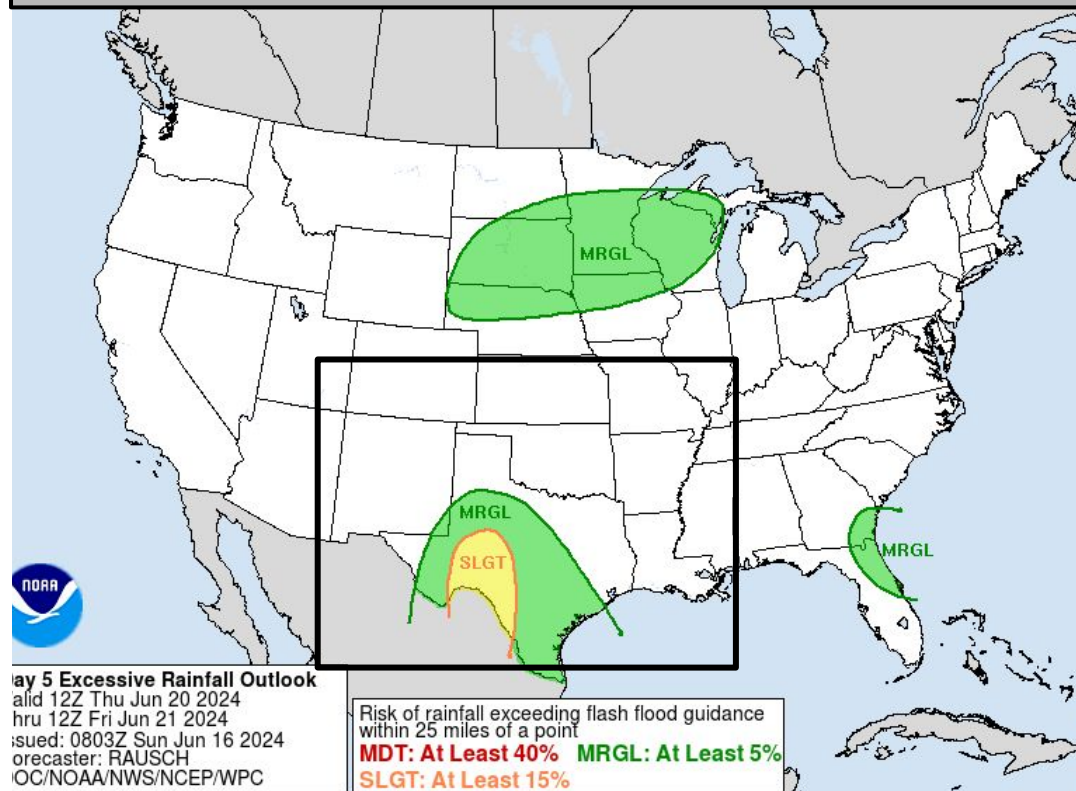


**Slight risk for heavy rainfall/flash flooding in WTX.**

### Severe Weather Outlook



### Excessive Rainfall Outlook

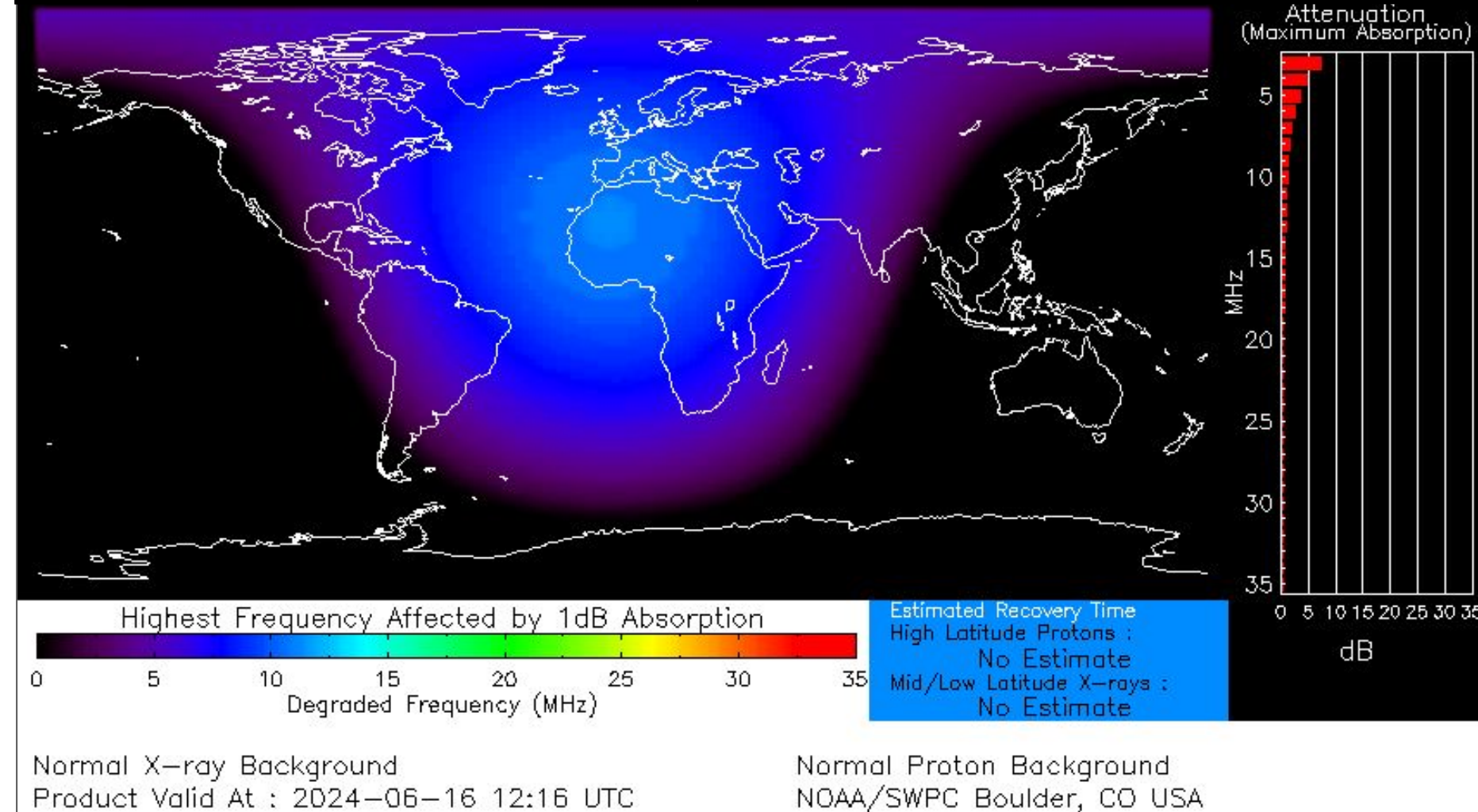






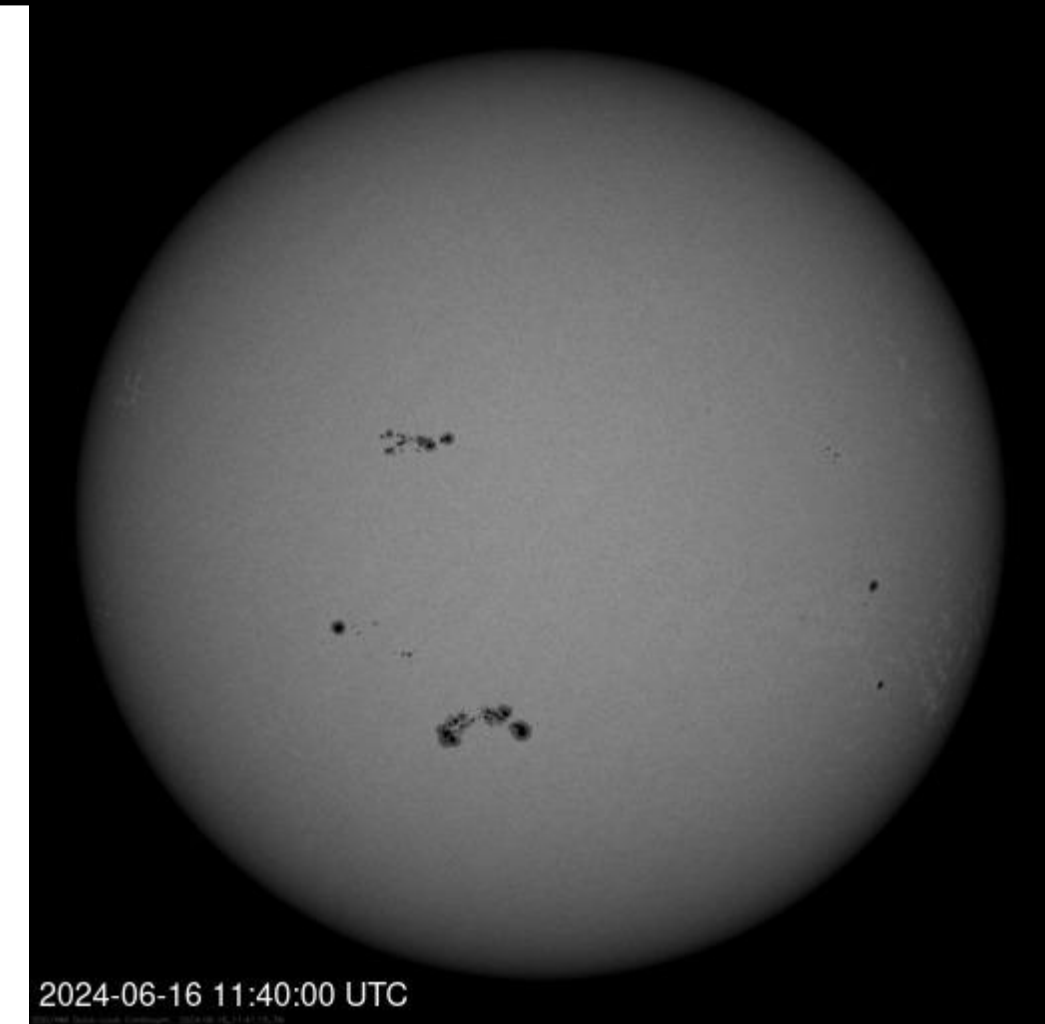
# Space Weather 3-Day Forecast

	Sunday, Jun 16	Monday, Jun 17	Tuesday, Jun 18
<b>Geomagnetic Storms</b>	<b>Unsettled (Max Kp = 3)</b>	<b>Active (Max Kp = 4)</b>	<b>Active (Max Kp = 4)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>10%</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>	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	<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>	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	<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>	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	<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>	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	<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>	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	<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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