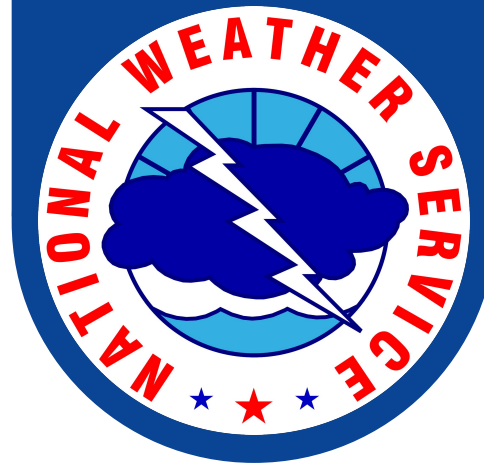




# FEMA



Prepared by  
*Melissa Beat*

# FEMA Region 6 Weather Threat Briefing

## Wednesday, June 19, 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 spreading to SW TX Thursday. Flash flooding over the burn scar areas of NM Thu/Fri.**
- **Moderate with isolated Major river flooding in E TX.**
- **PTC One in the Bay of Campeche is expected to make landfall in northern Mexico. 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 (30%) in the next 7 days.**





# FEMA Region 6 Threat Matrix

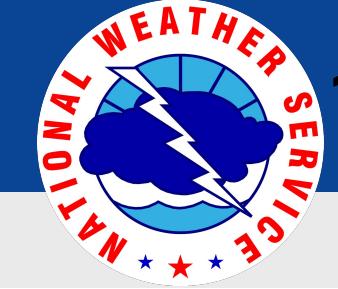
Next 5 Days

	Wednesday, Jun 19	Thursday, Jun 20	Friday, Jun 21	Saturday, Jun 22	Sunday, Jun 23
Severe Storms	STX, TX/OK Panhandles, E NM				
Heavy Rain / Flash Flooding	STX	SW TX, NM	STX, NM	STX	STX
Fire Weather					
Wind					
Heat					
Tropical	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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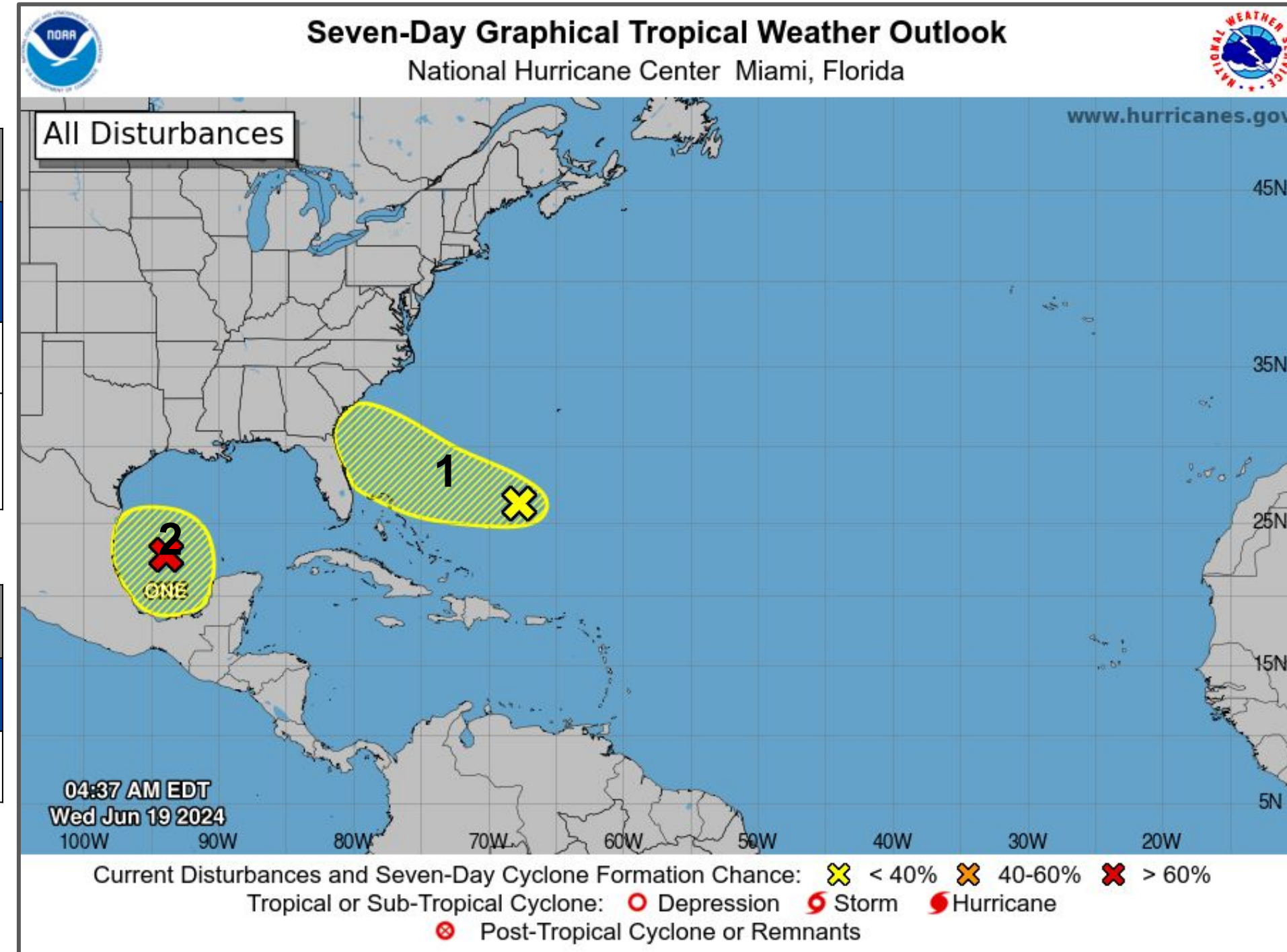
# Tropical Weather Outlook – Atlantic/Gulf

## 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



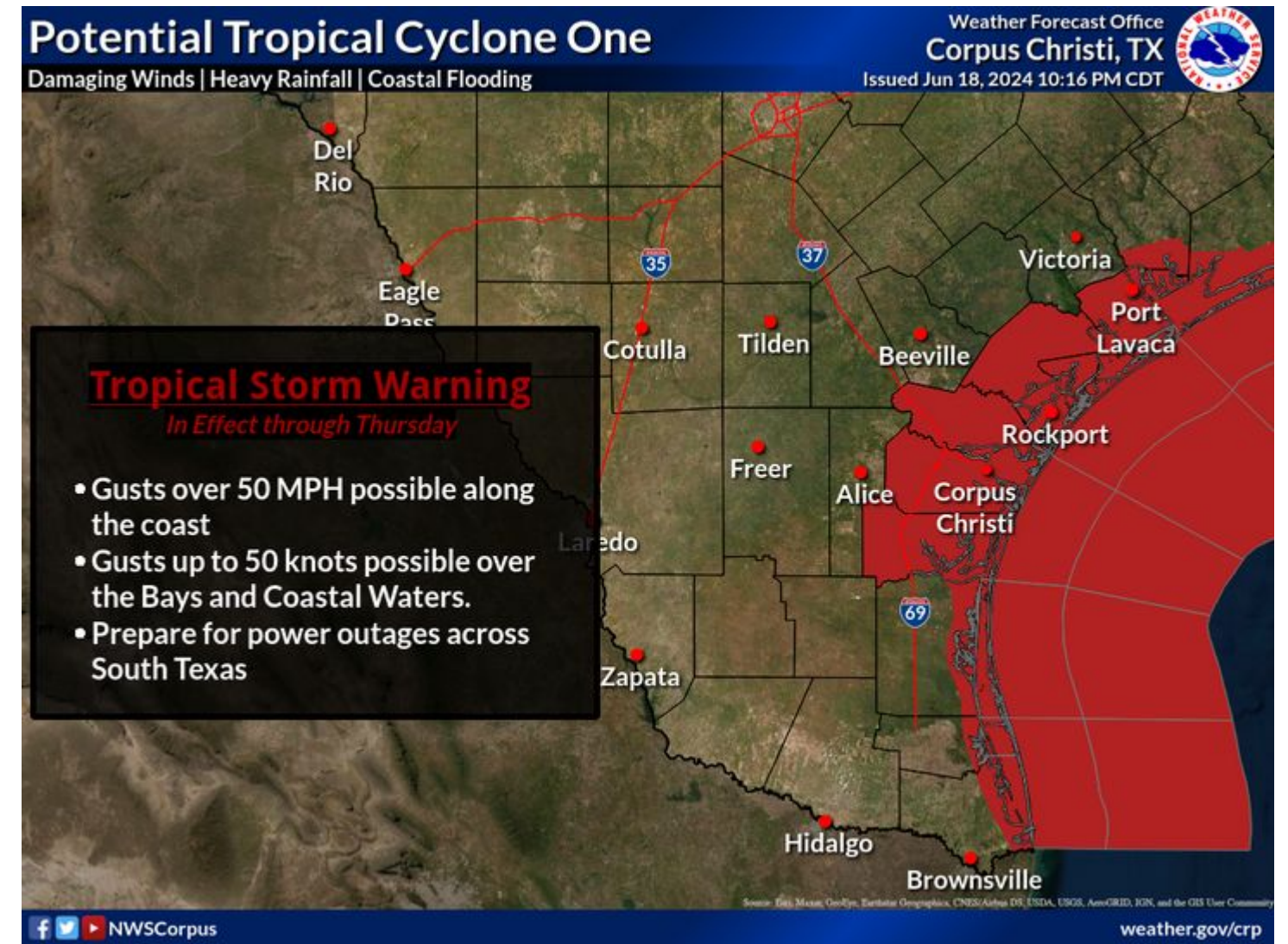
# PTC One

5:58 PM

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



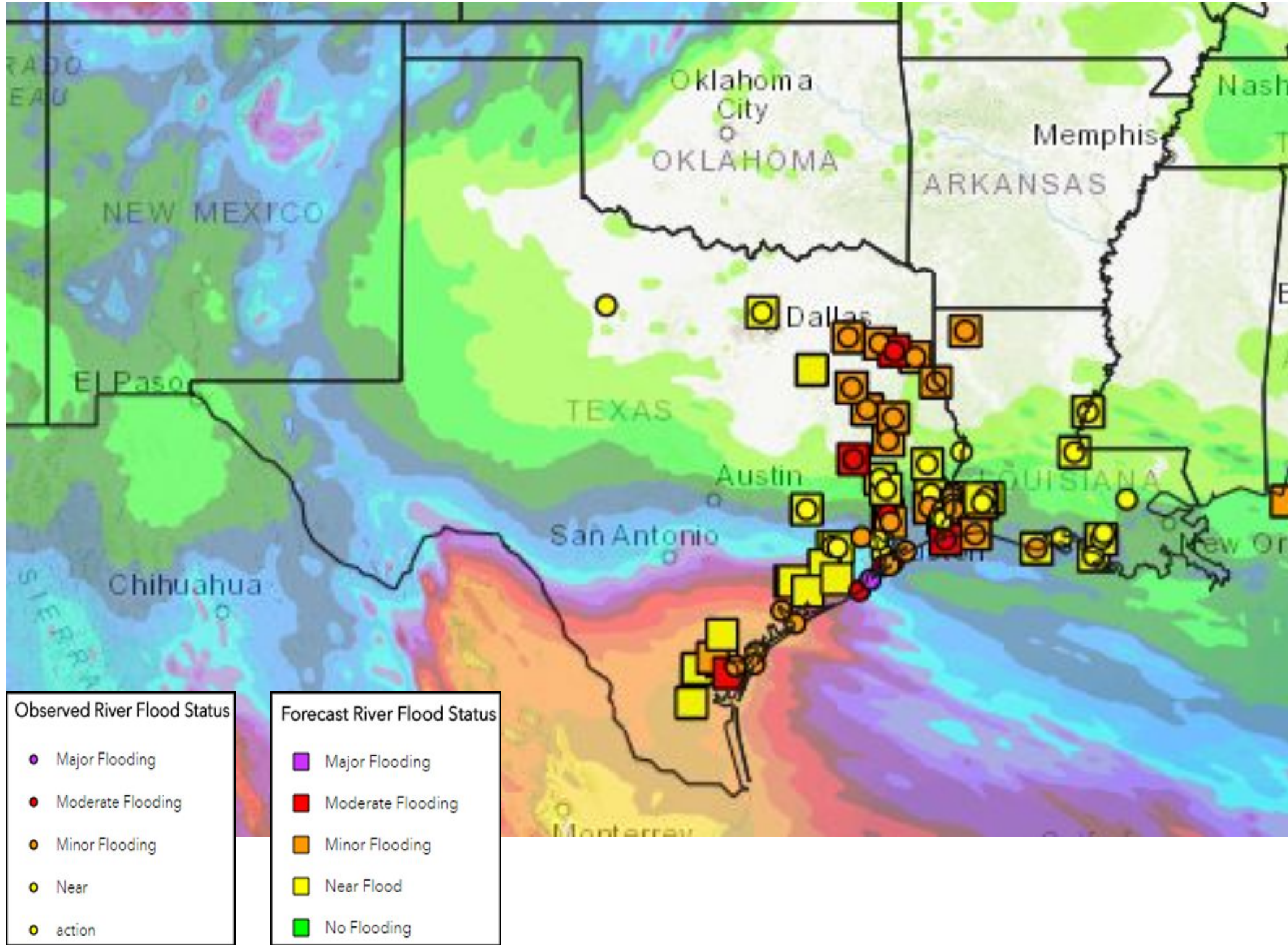
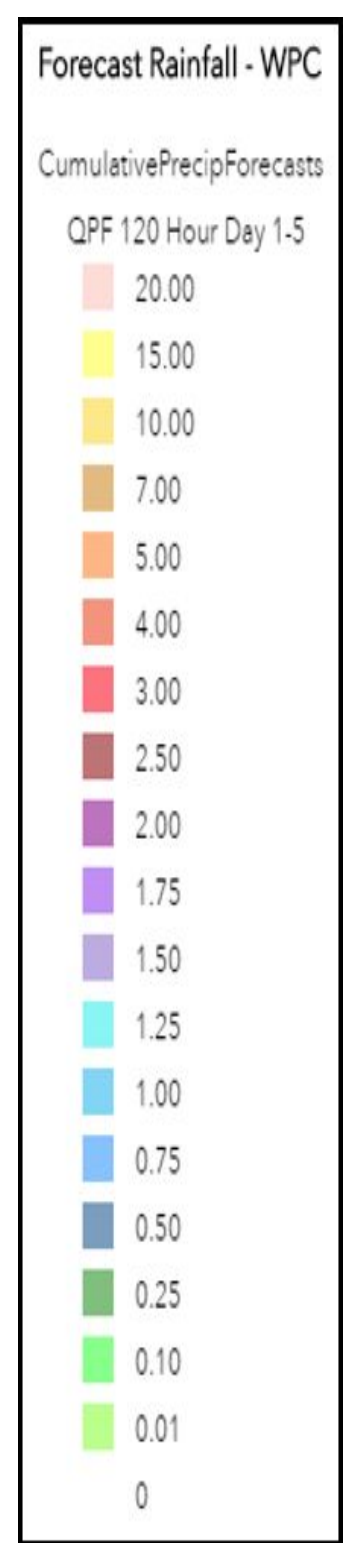
**Tropical storm warning along the S TX coast, moderate coastal flooding, heavy rainfall/flash flooding associated with PTC One.**



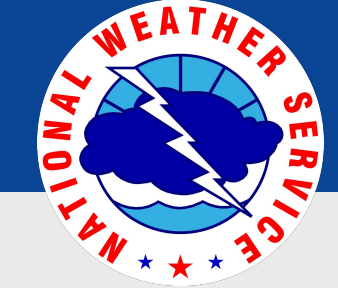


# 5-Day Precipitation Forecast & River Flood Status

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

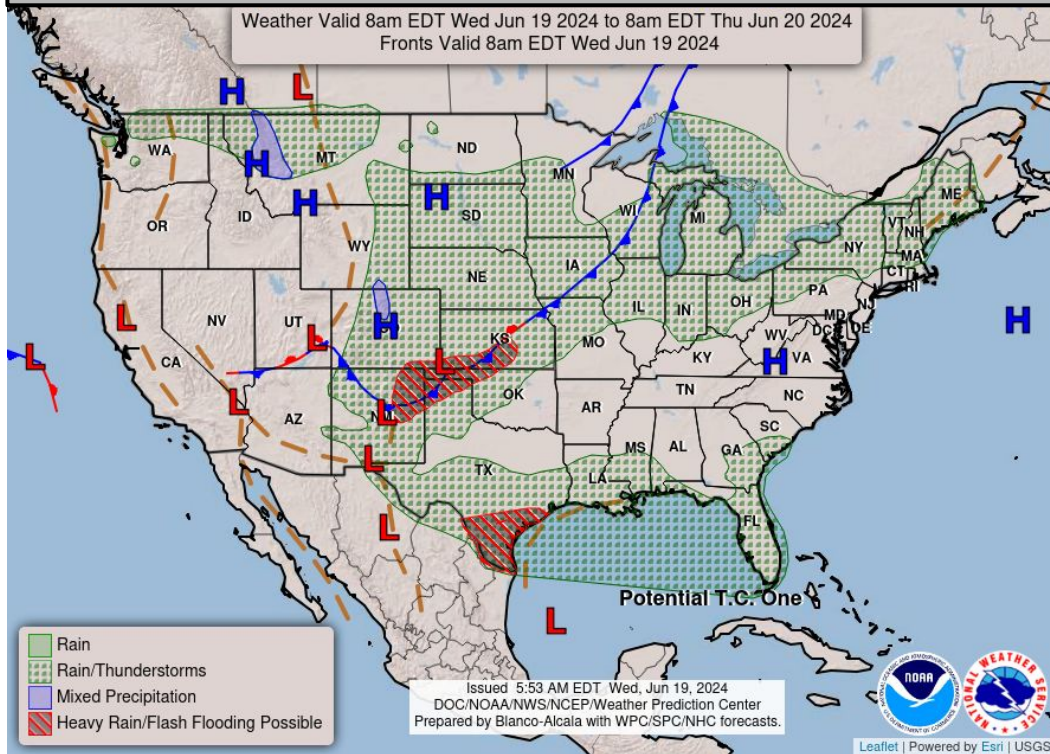


**Moderate/Isolated Major river flooding in E TX impacts to some homes at Trinity River at Riverside. Trinity River at Liberty anticipated to rise to Major by mid-week and impact homes.**

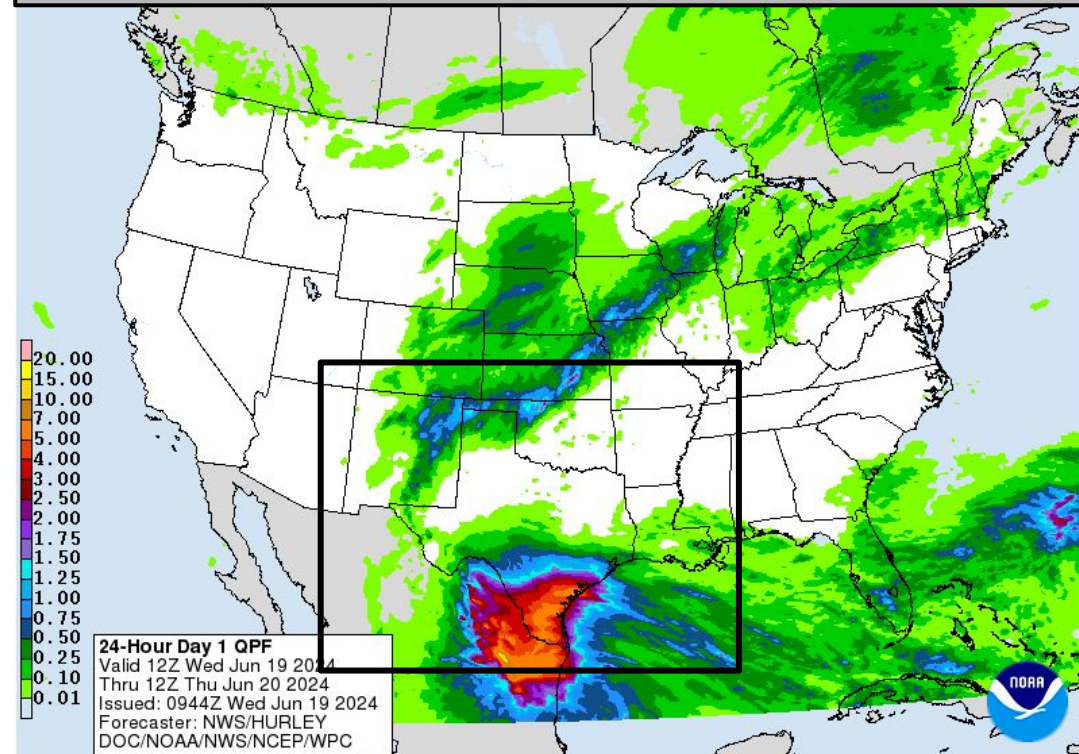


# Today's Weather

## Forecast Chart



## Forecast Rainfall

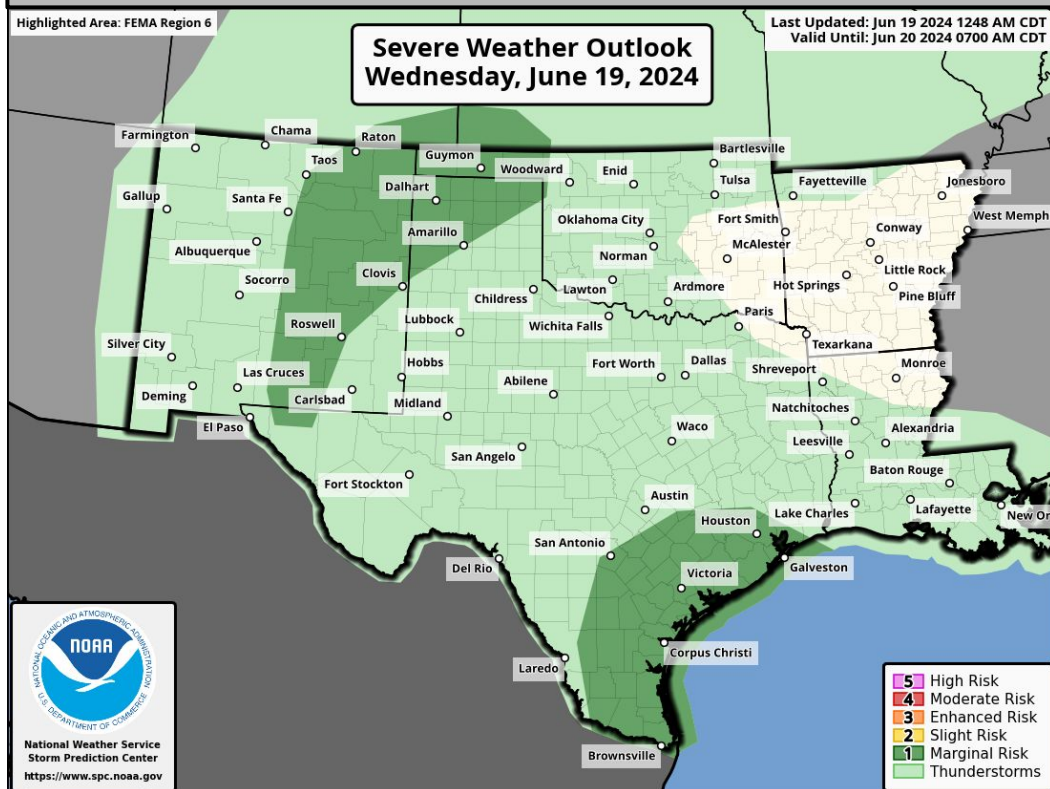


**Moderate risk for heavy rainfall/flash flooding in S TX.**

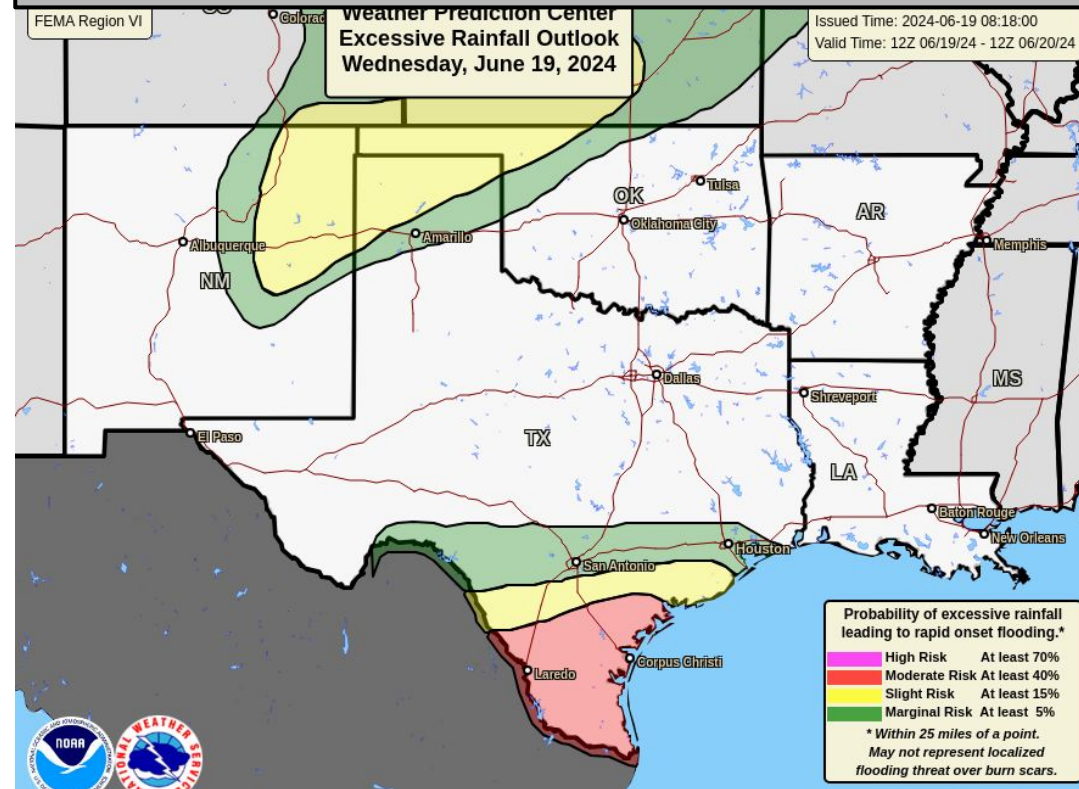
**Coastal flooding along the TX coast.**

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

## Severe Weather Outlook



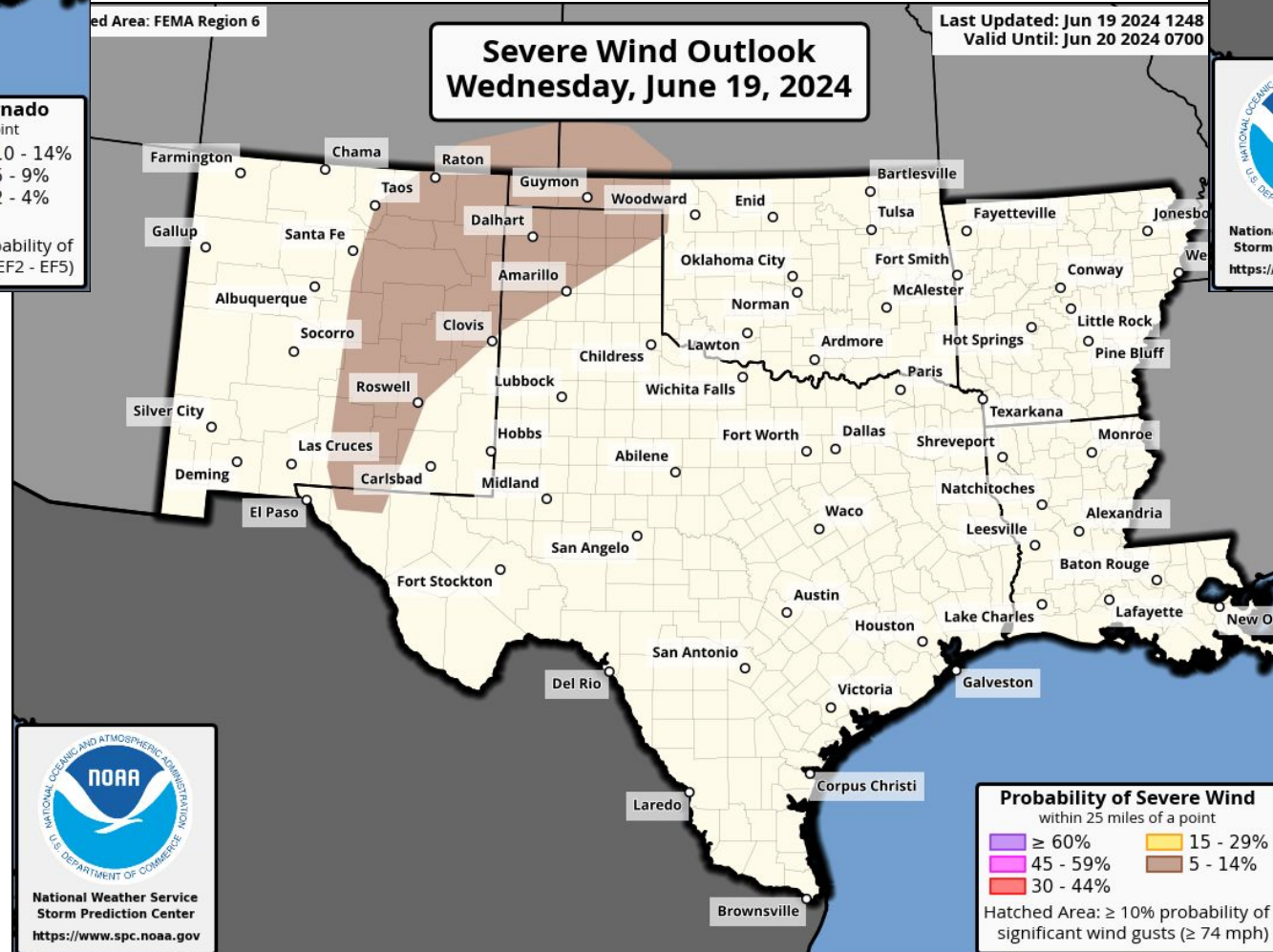
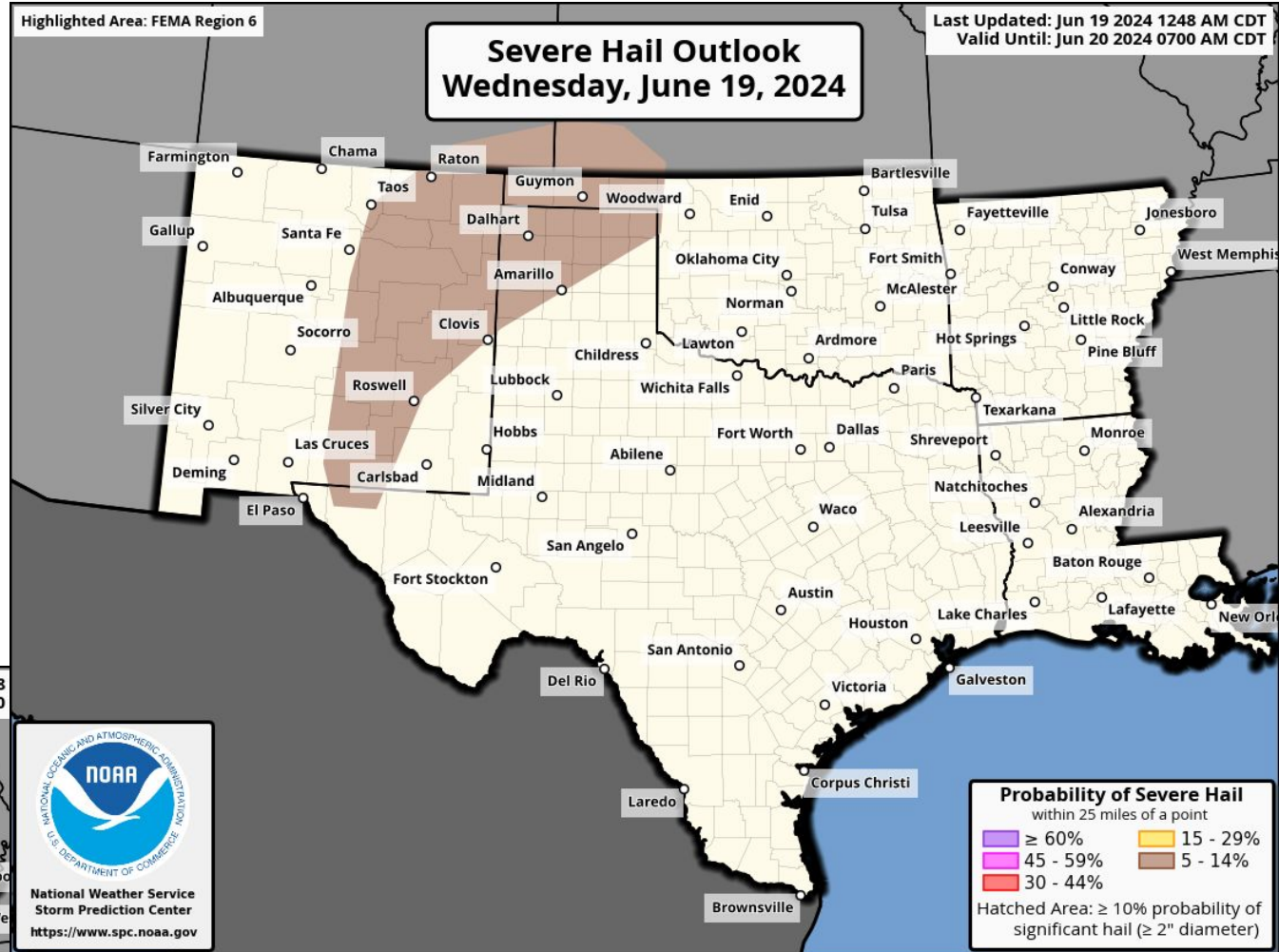
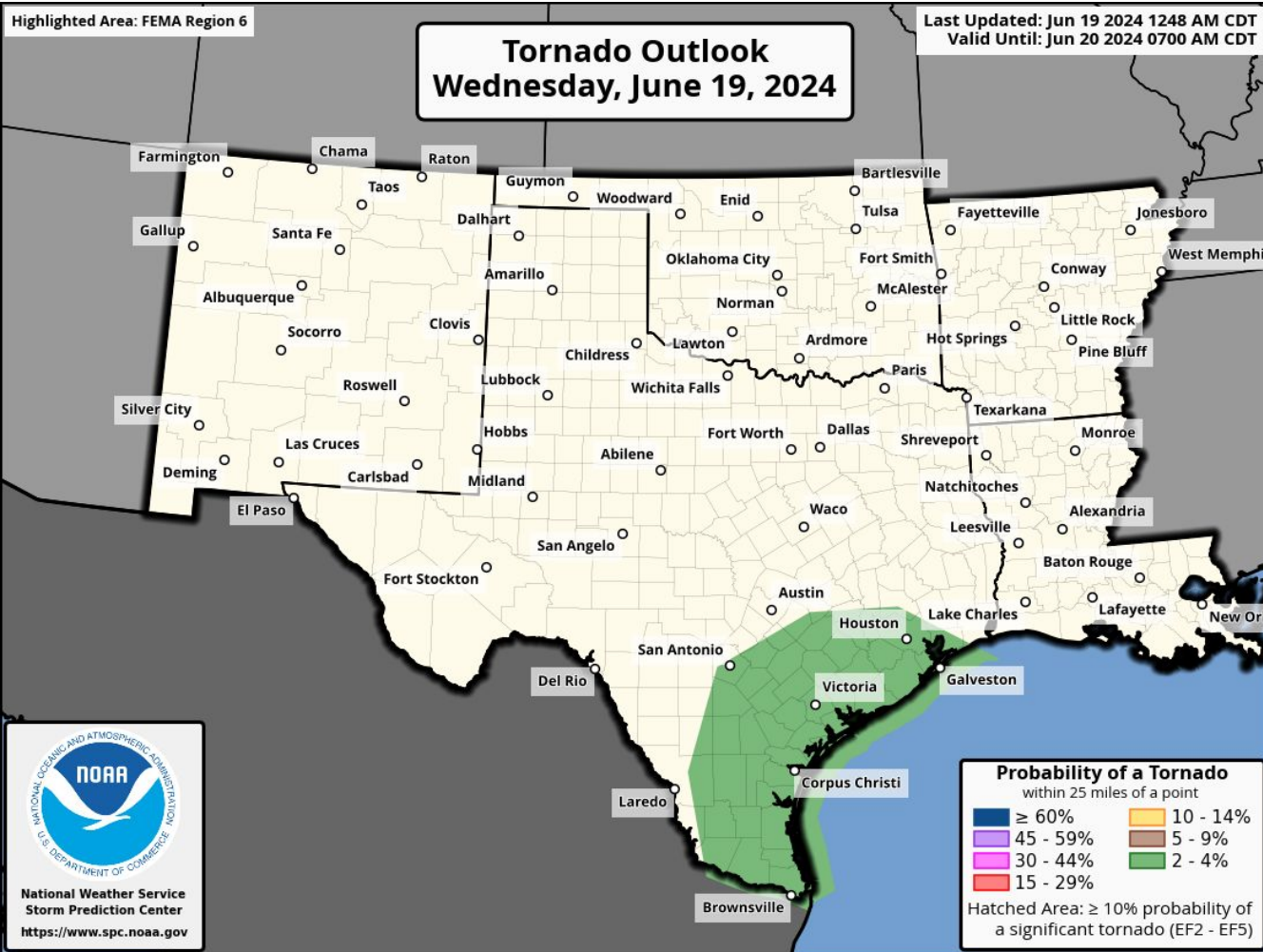
## Excessive Rainfall Outlook





# Today's Tornado & Severe Wind / Hail Probabilities

June 19, 2024



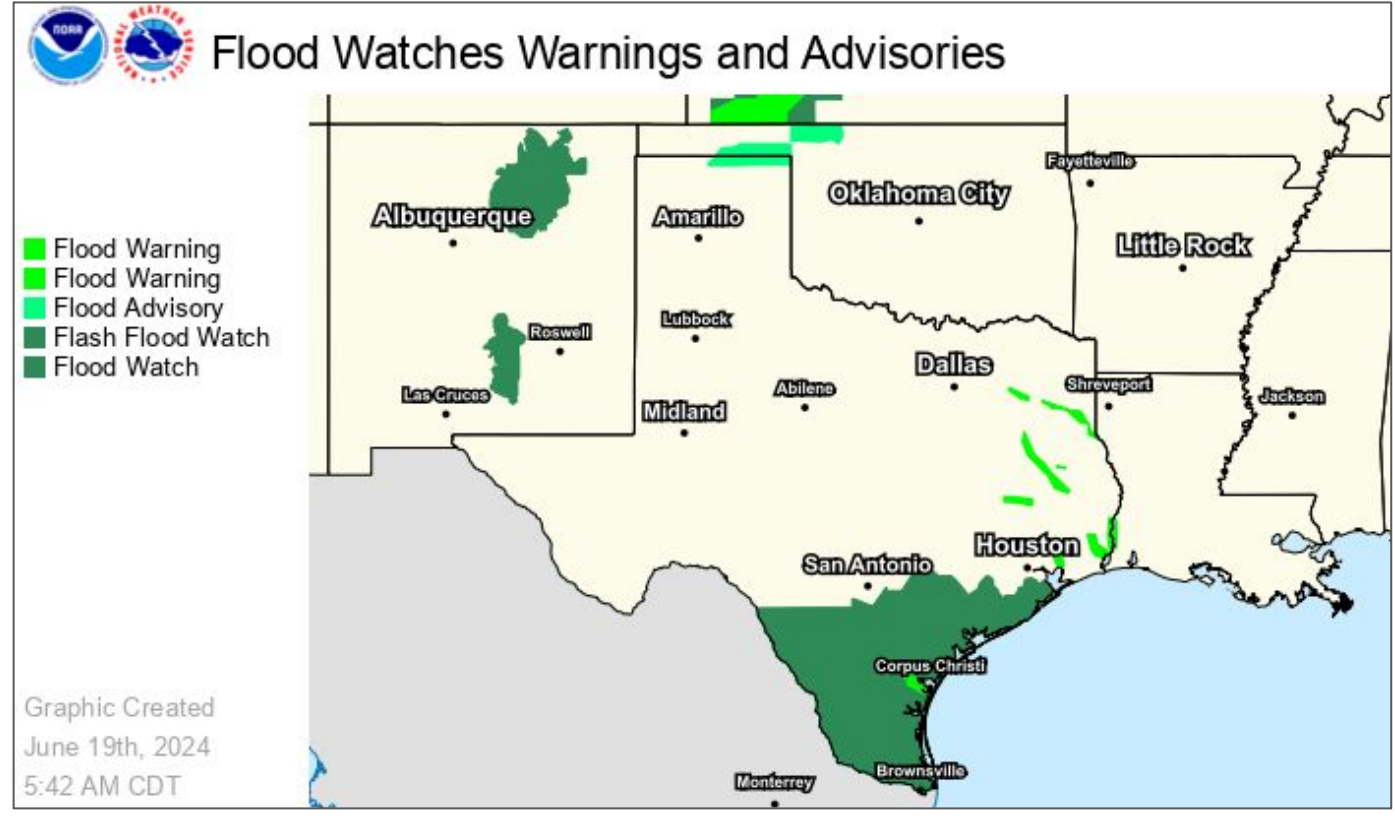
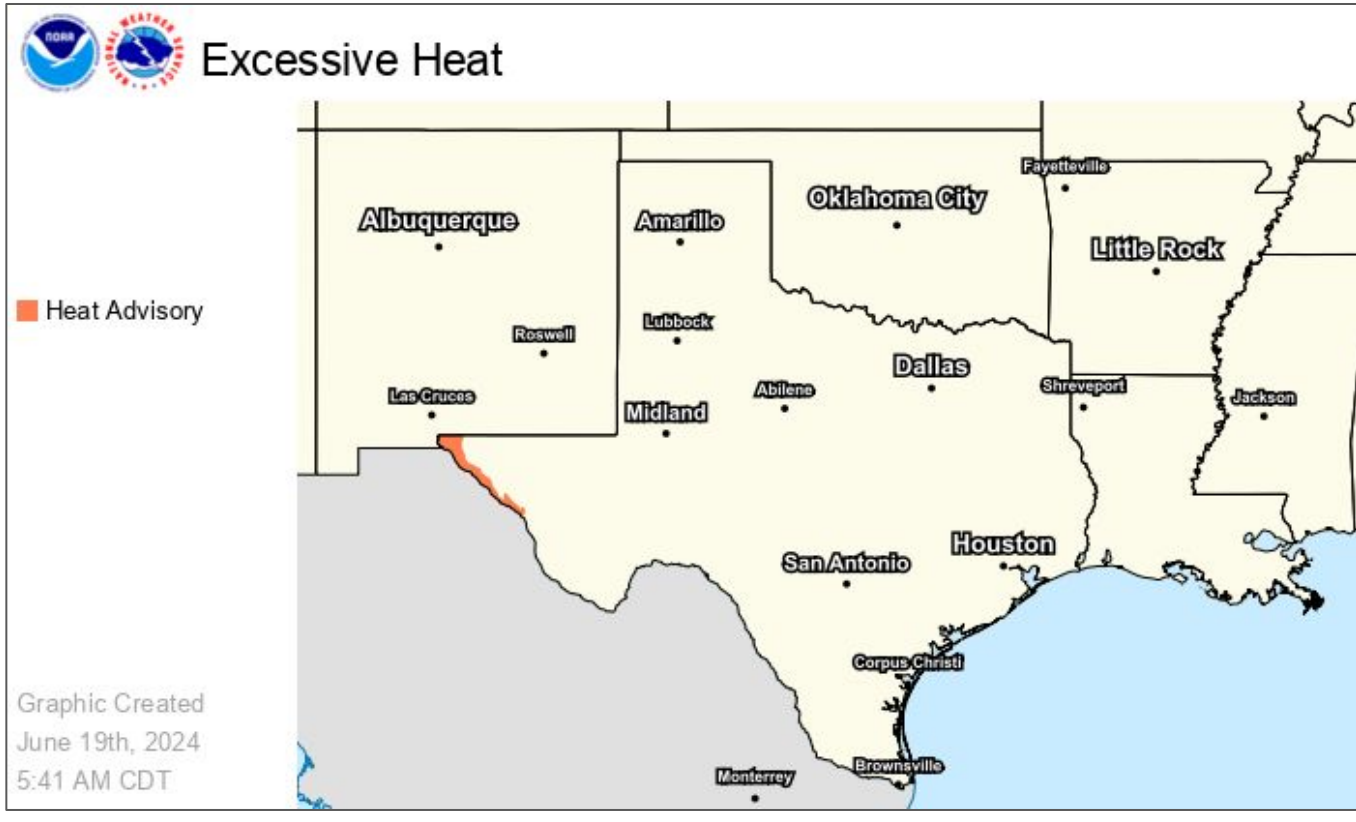
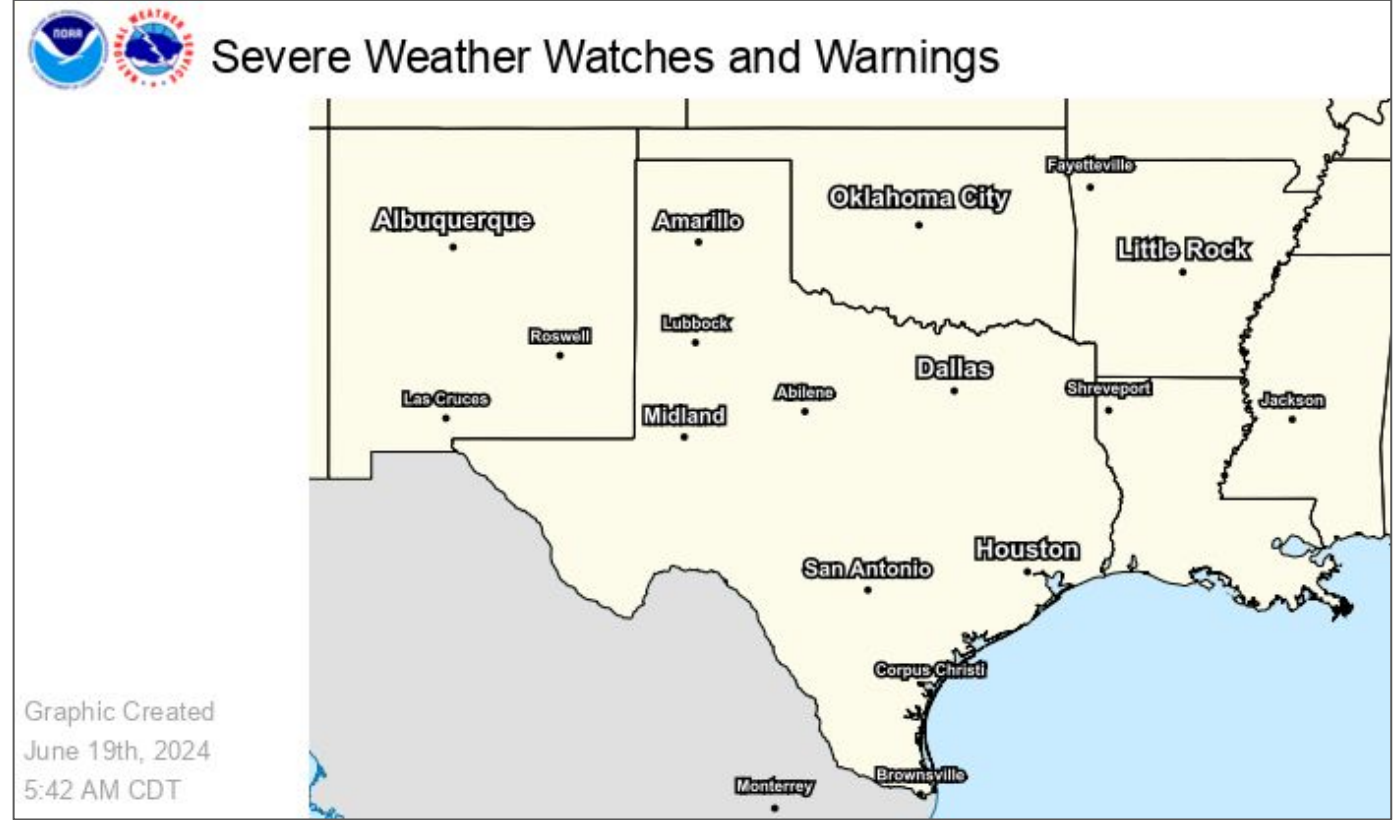
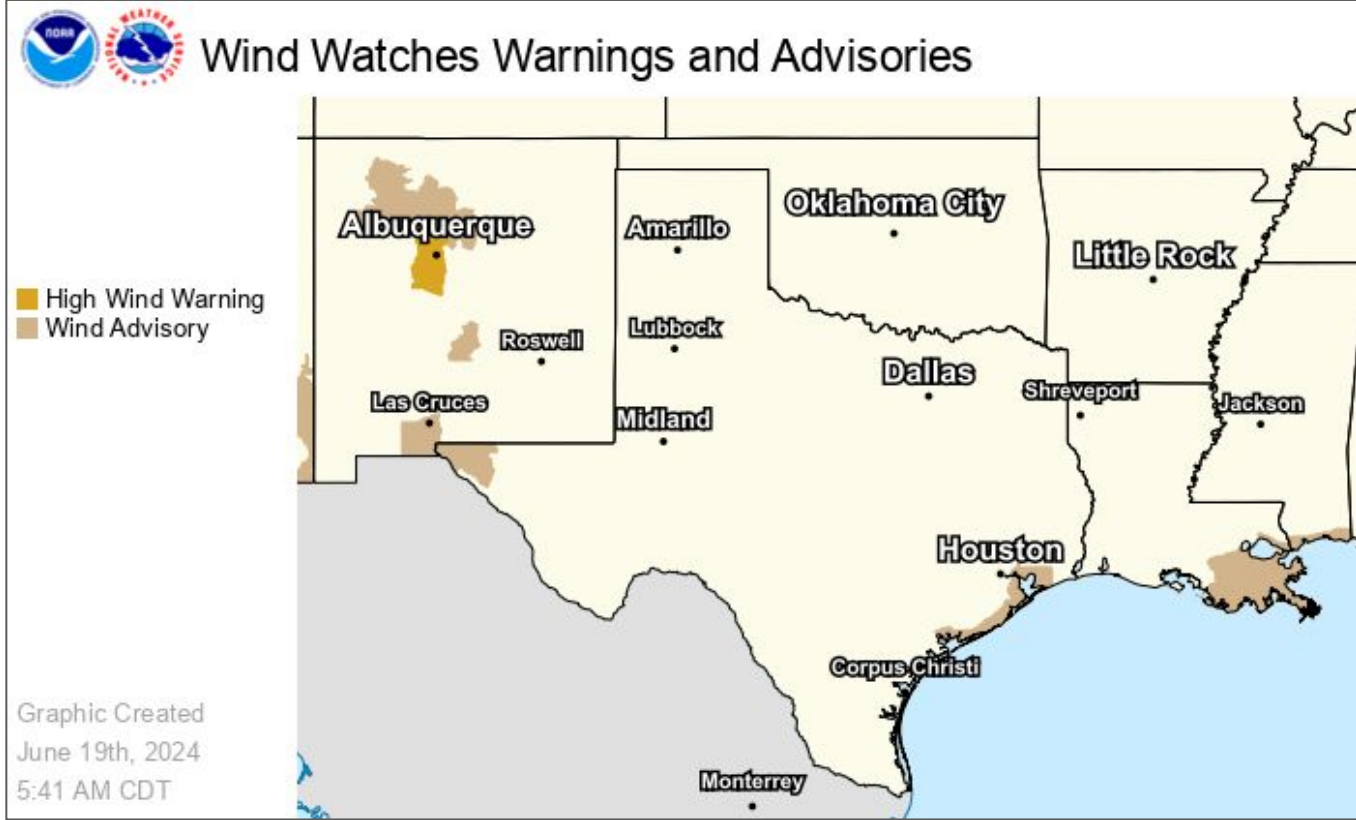




# Watches, Warnings, and Advisories

## Wind, Severe, Heat, and Flood Hazards

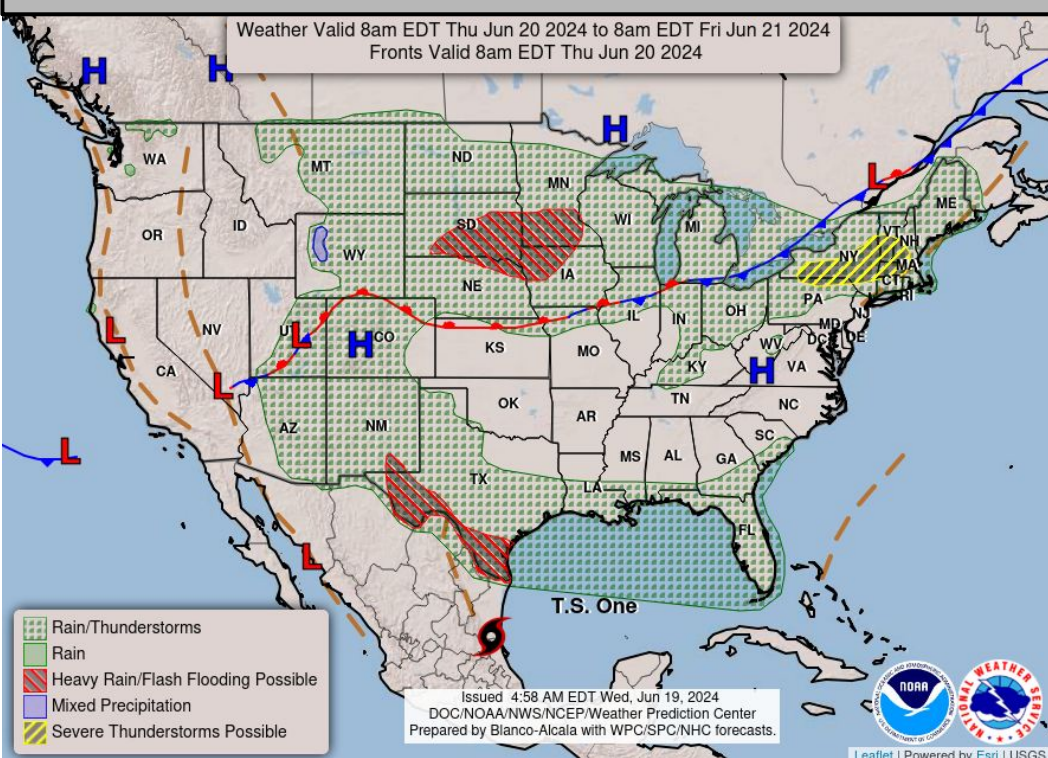
**Heat Advisories in W TX.  
Flood Watch SE/STX and  
NM. Wind Advisories in  
NM, SE TX, SE LA.**



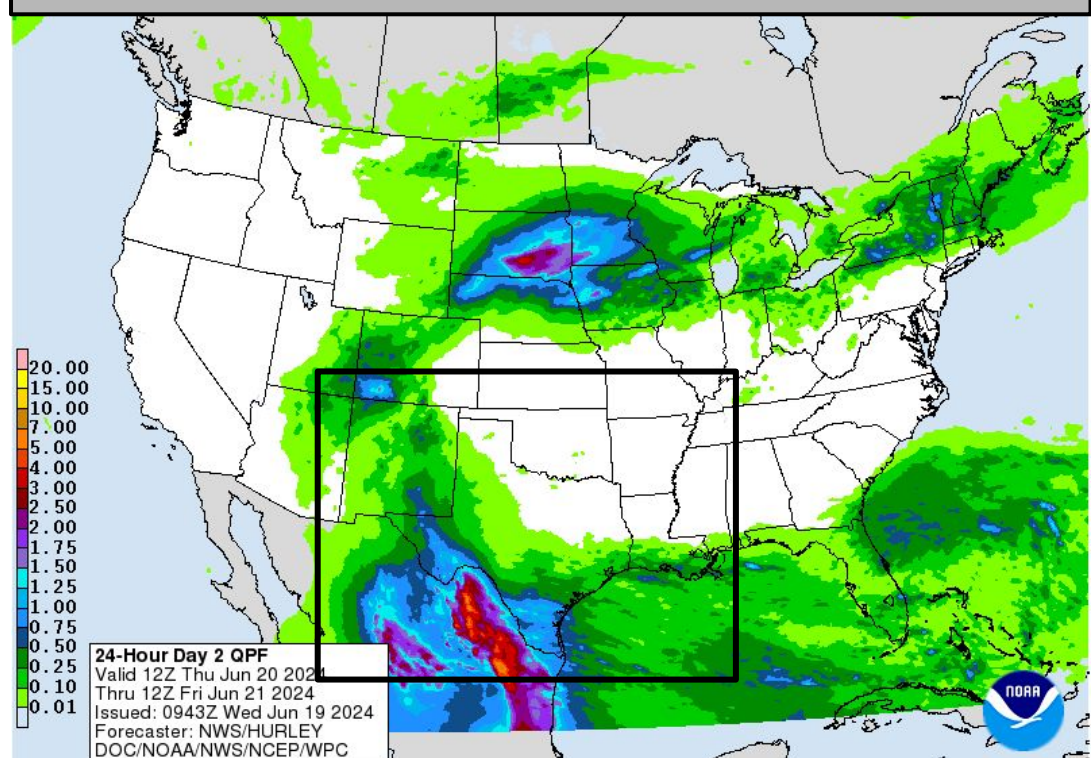


# Tomorrow's Weather

## Forecast Chart

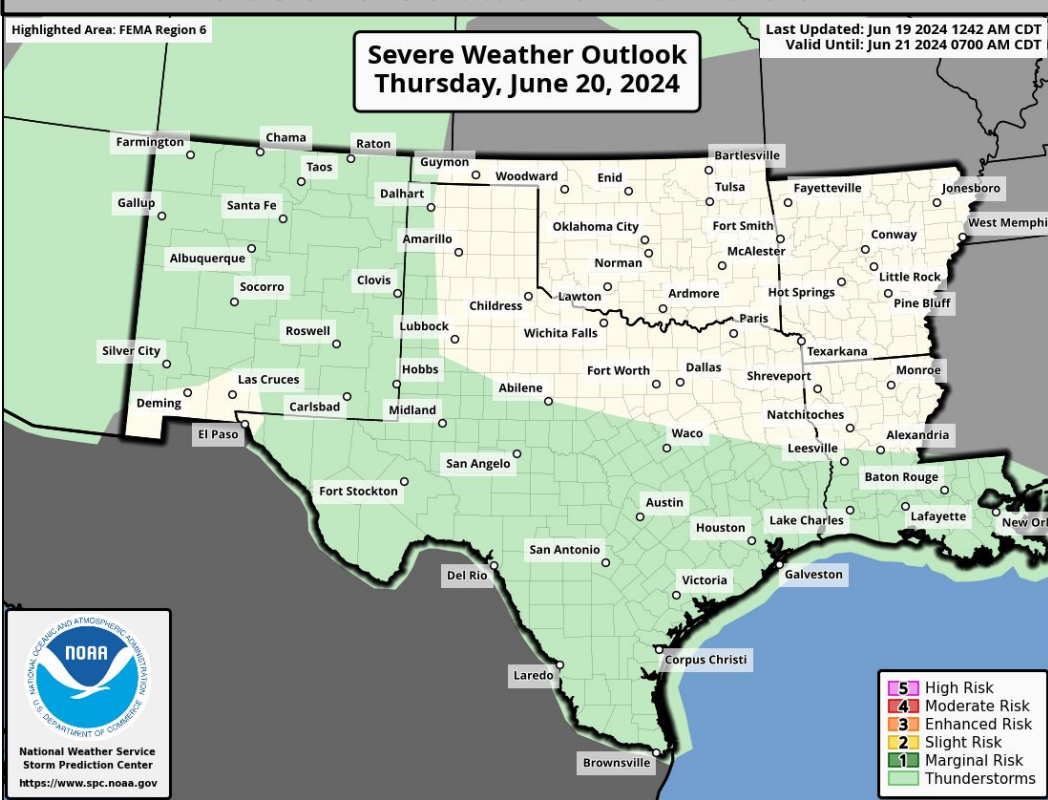


## Forecast Rainfall

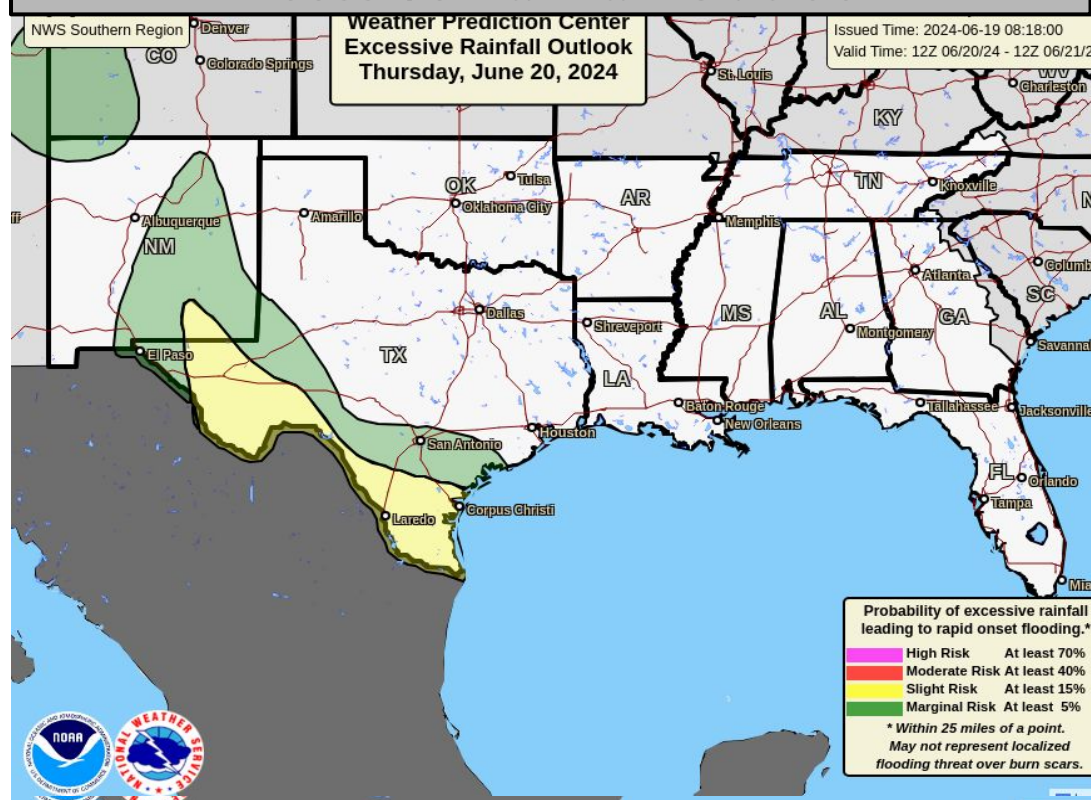


**Slight risk for heavy rainfall/flash flooding in SW TX and over the burn scar areas of NM.**

## Severe Weather Outlook



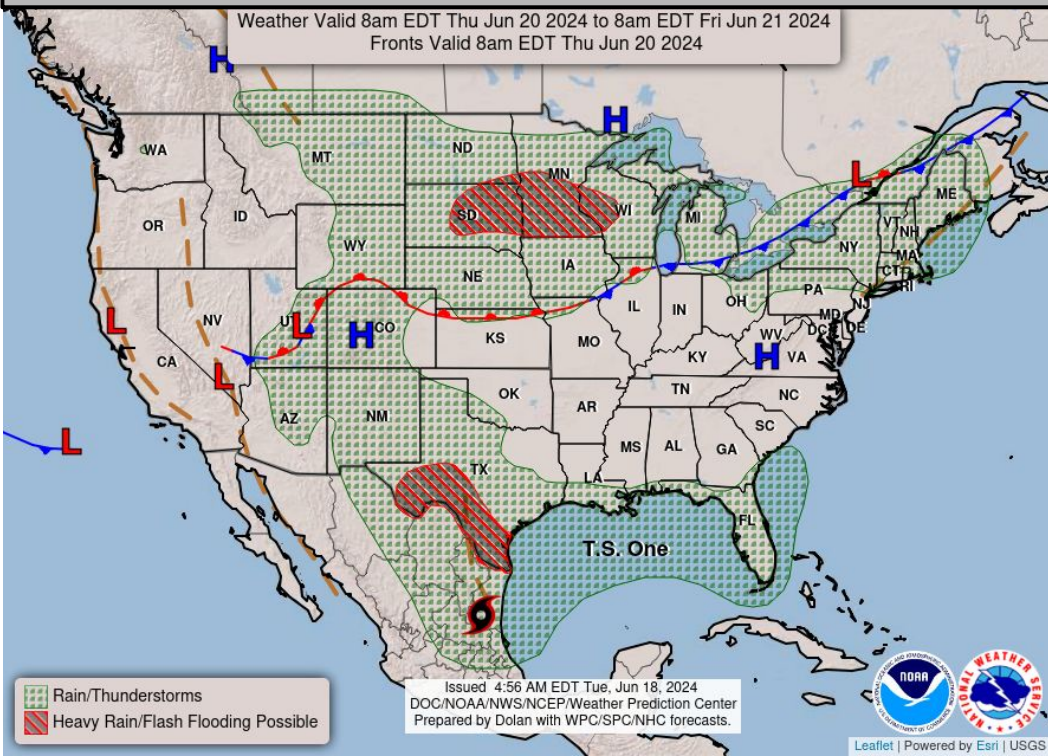
## Excessive Rainfall Outlook



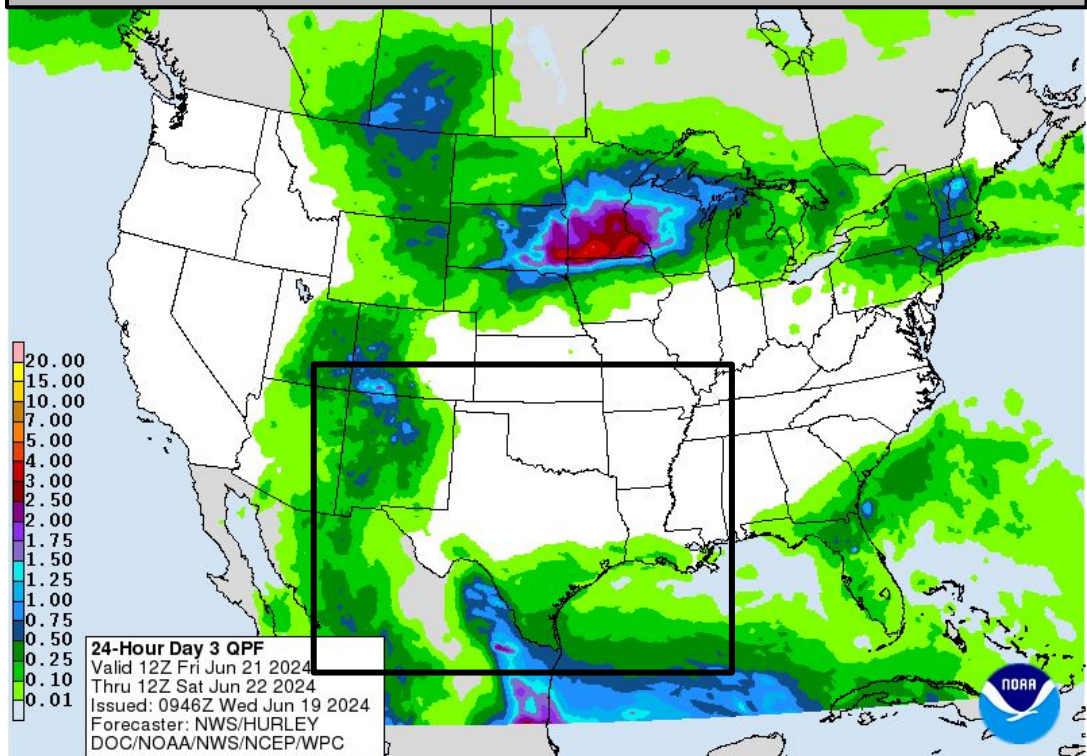


# Friday's Weather

## Forecast Chart

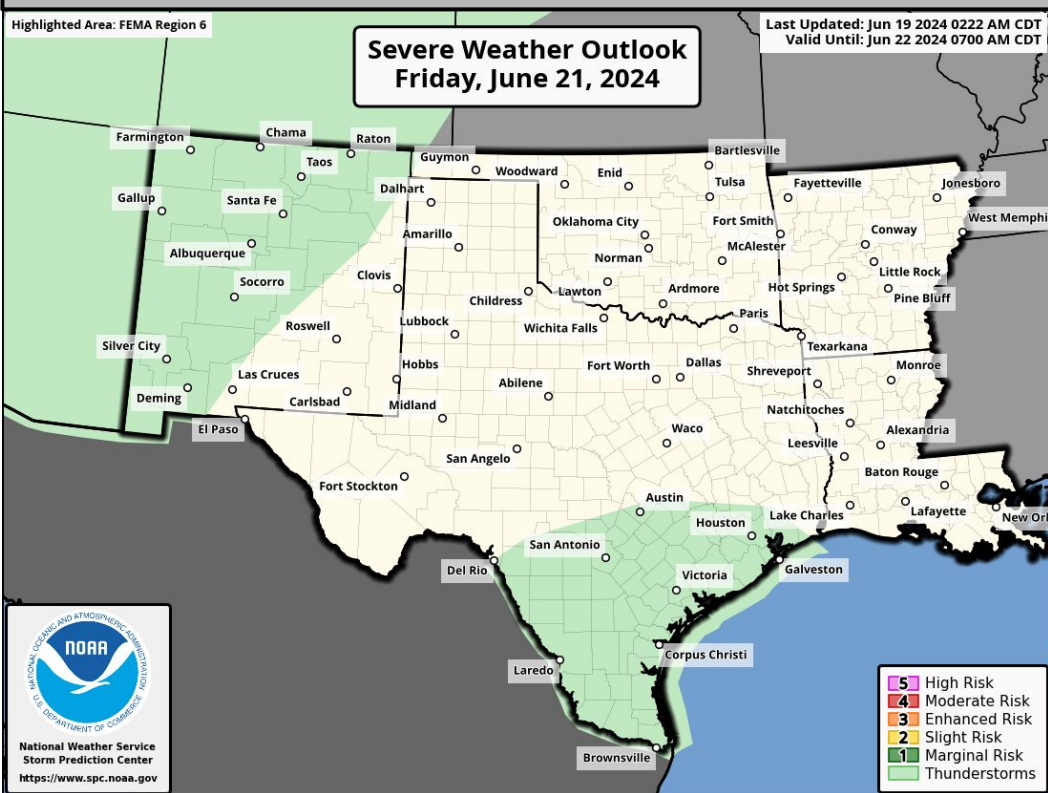


## Forecast Rainfall

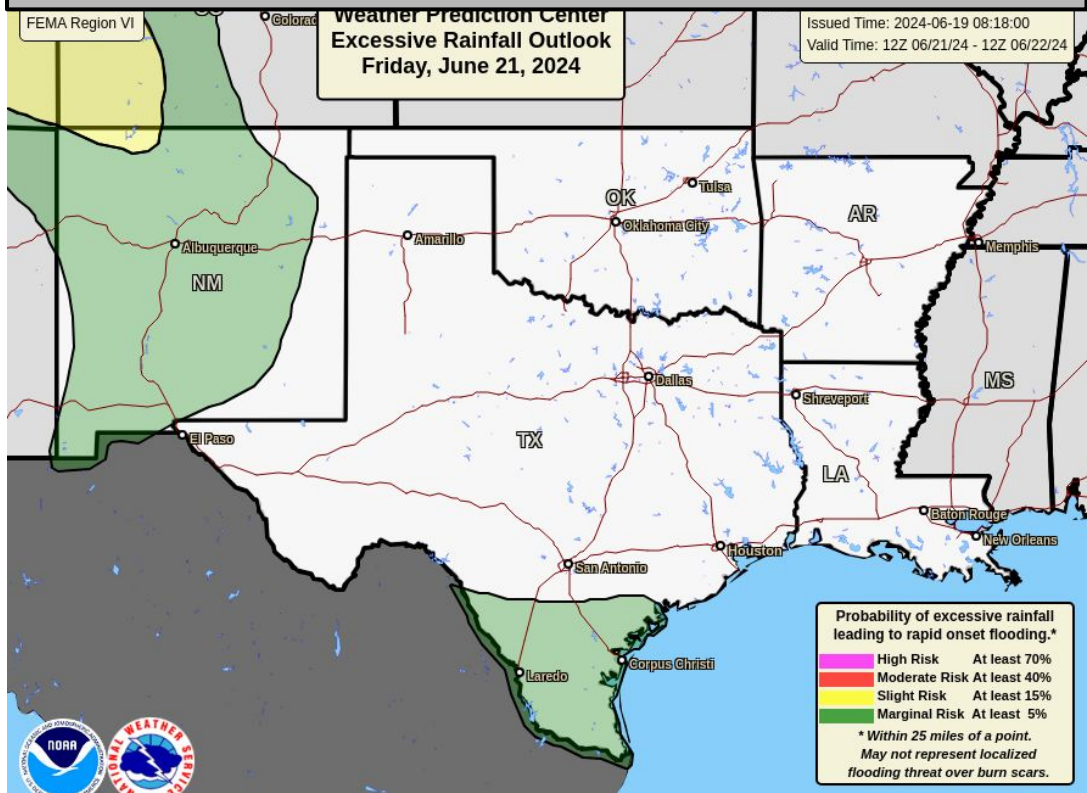


**Heavy rainfall may lead to flash flooding in NM and STX.**

## Severe Weather Outlook



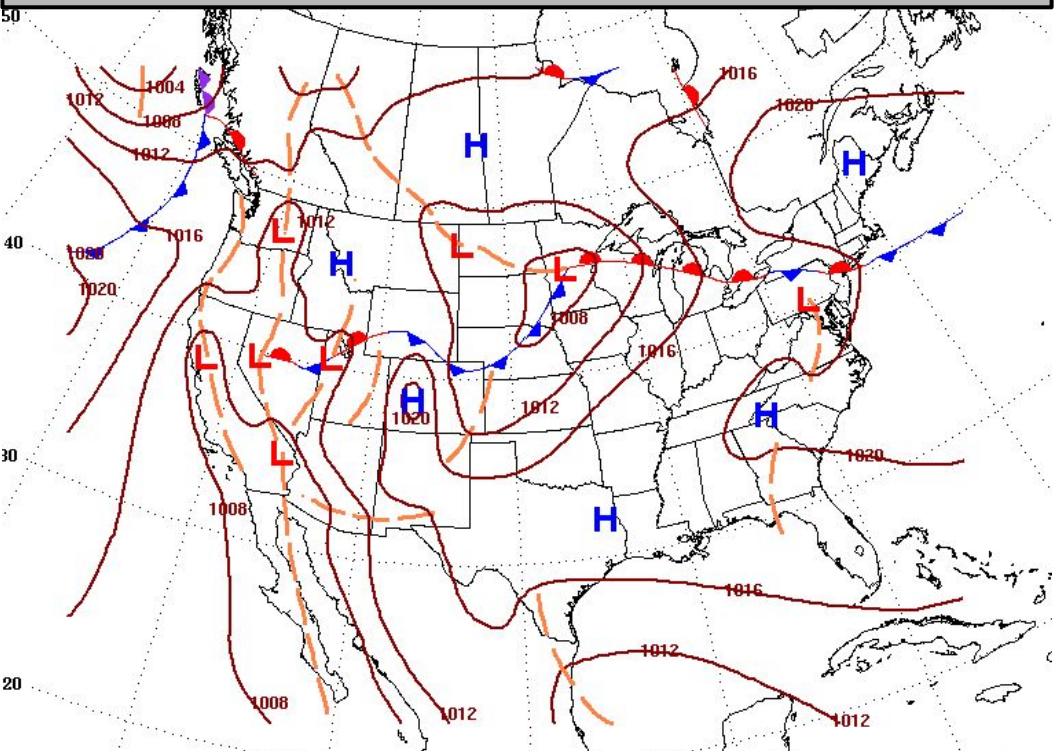
## Excessive Rainfall Outlook



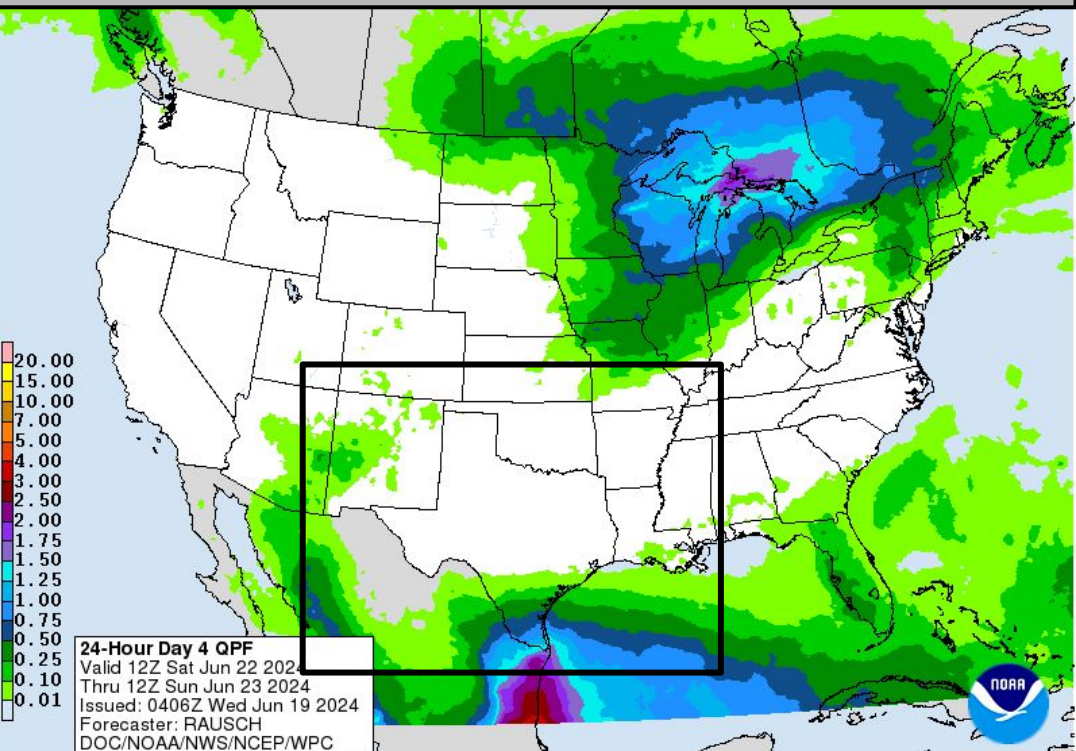


# Saturday's Weather

### Forecast Chart

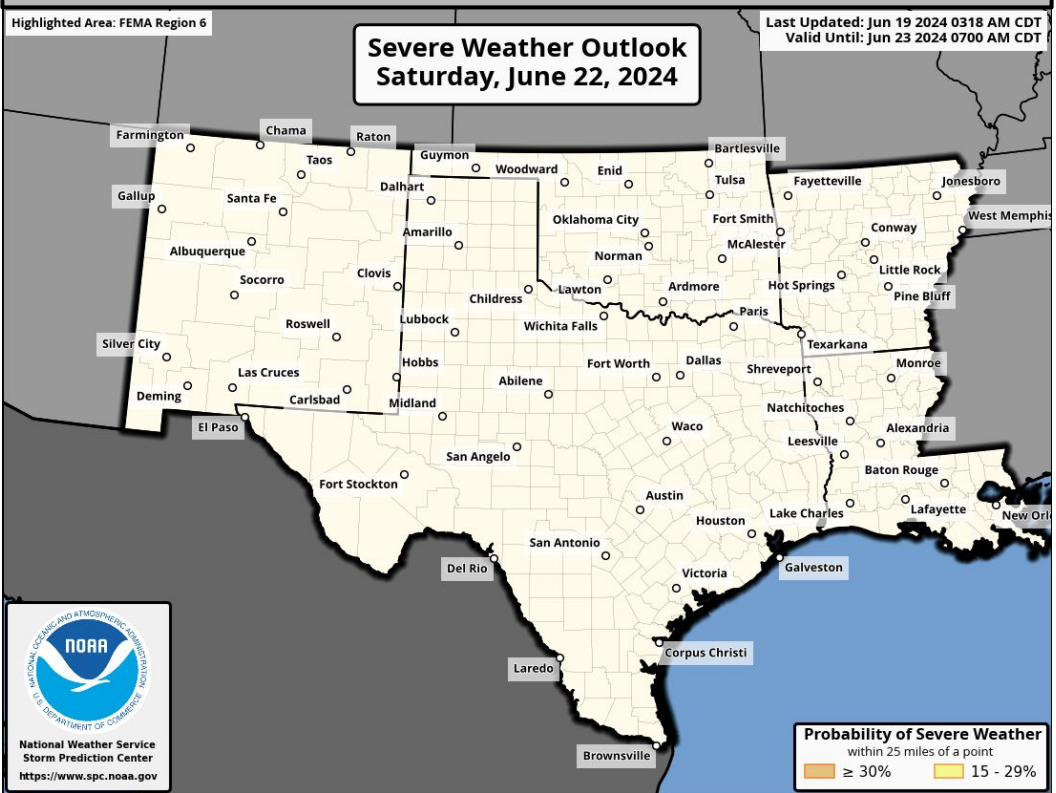


### Forecast Rainfall

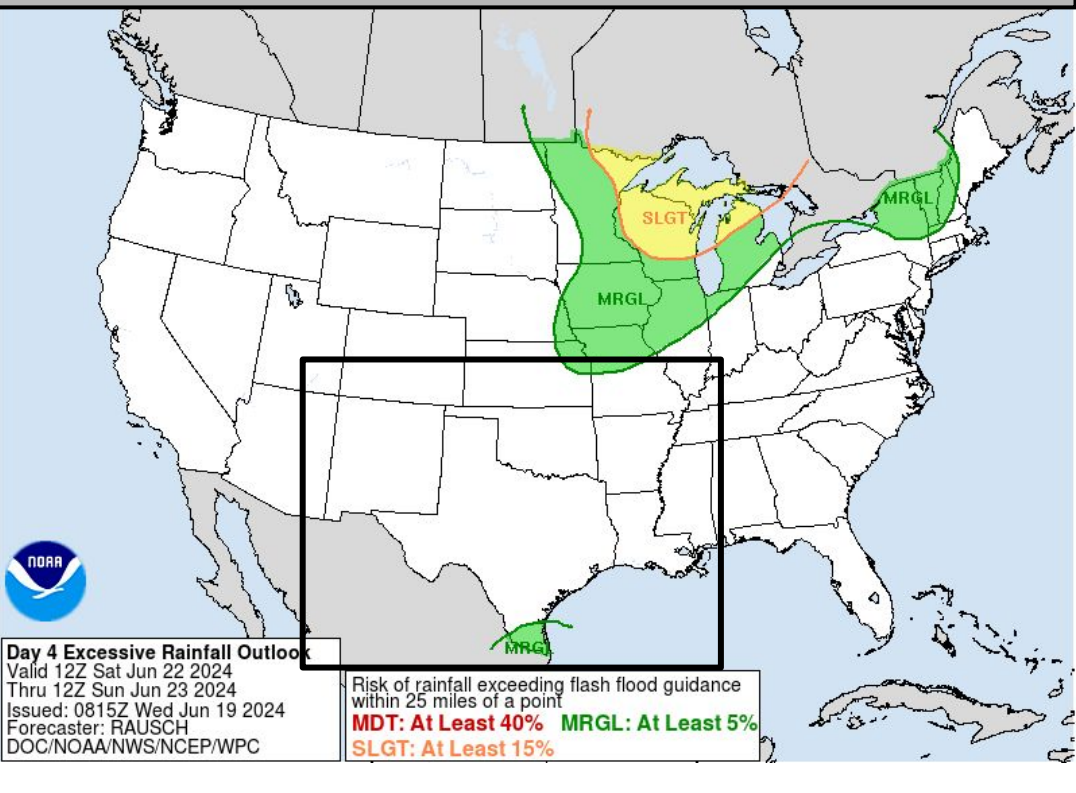


**Isolated heavy rainfall may lead to flash flooding in STX.**

### Severe Weather Outlook



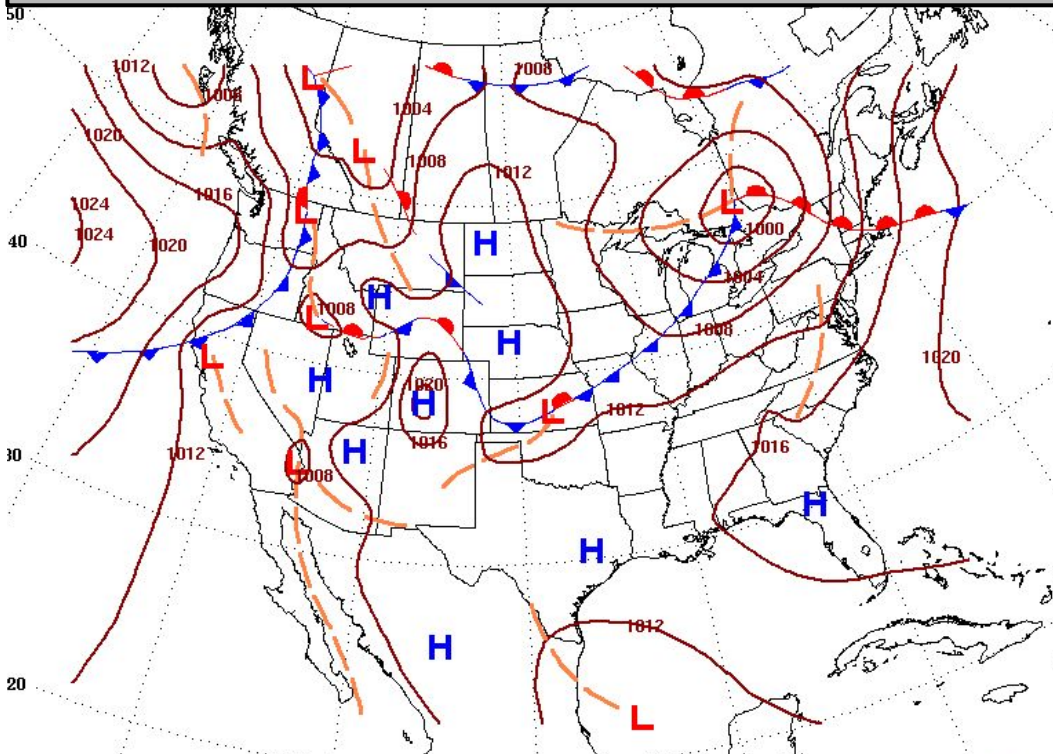
### Excessive Rainfall Outlook



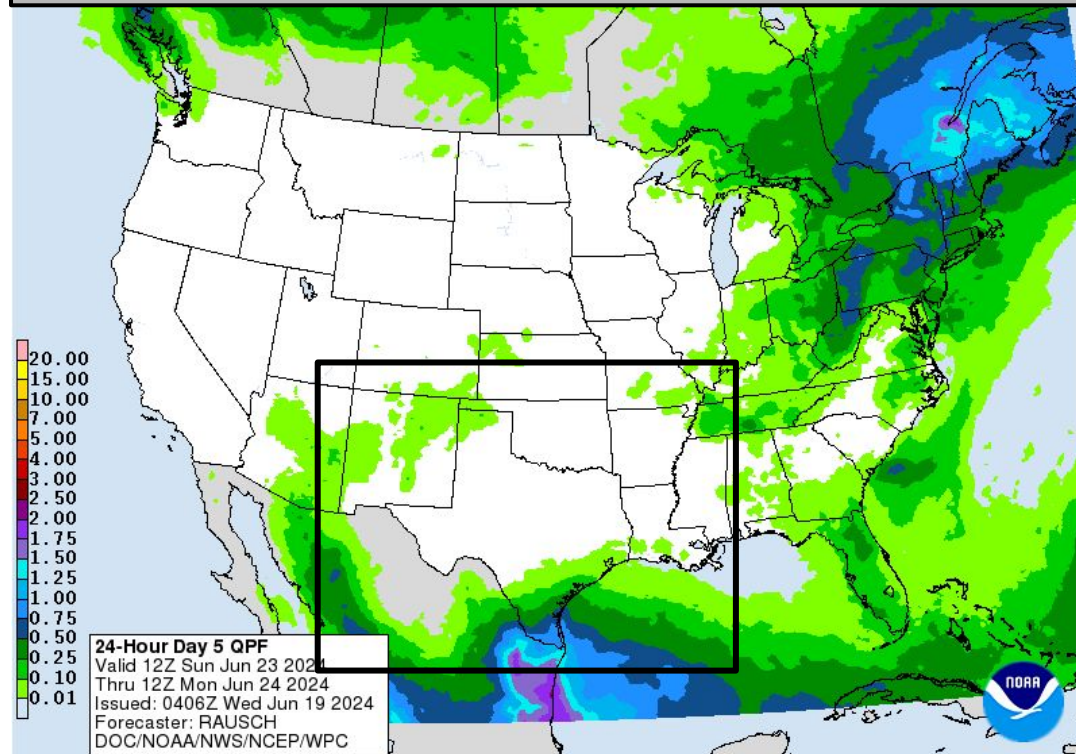


# Sunday's Weather

### Forecast Chart

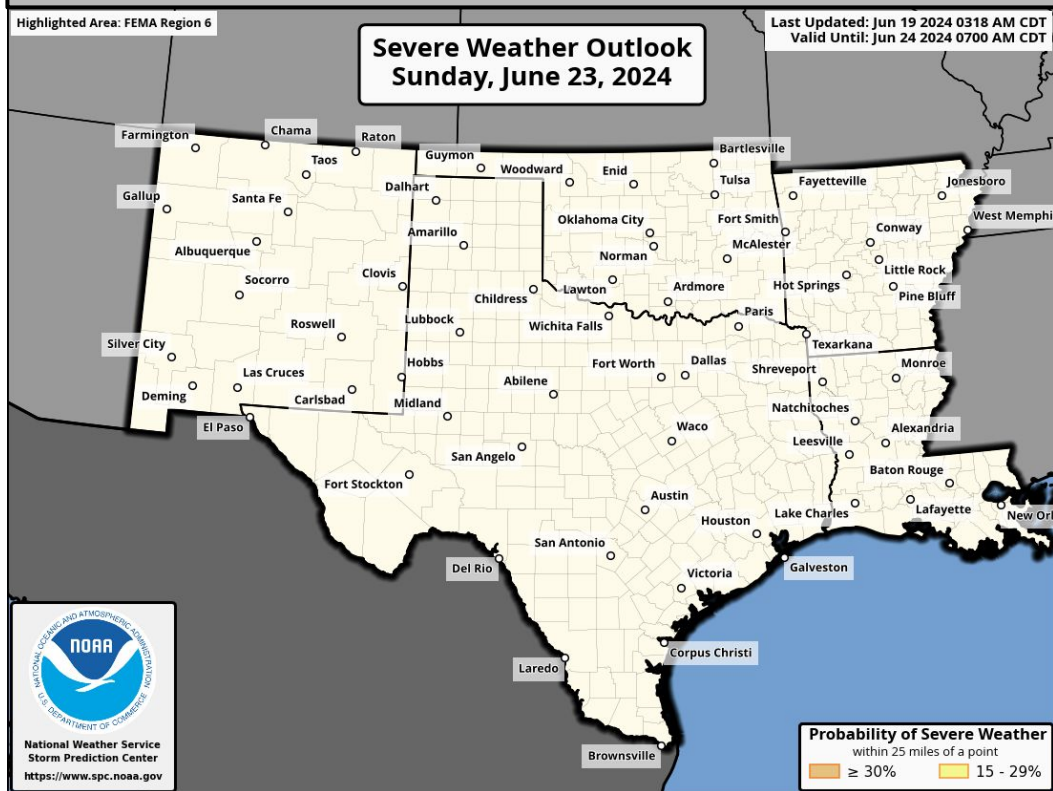


### Forecast Rainfall

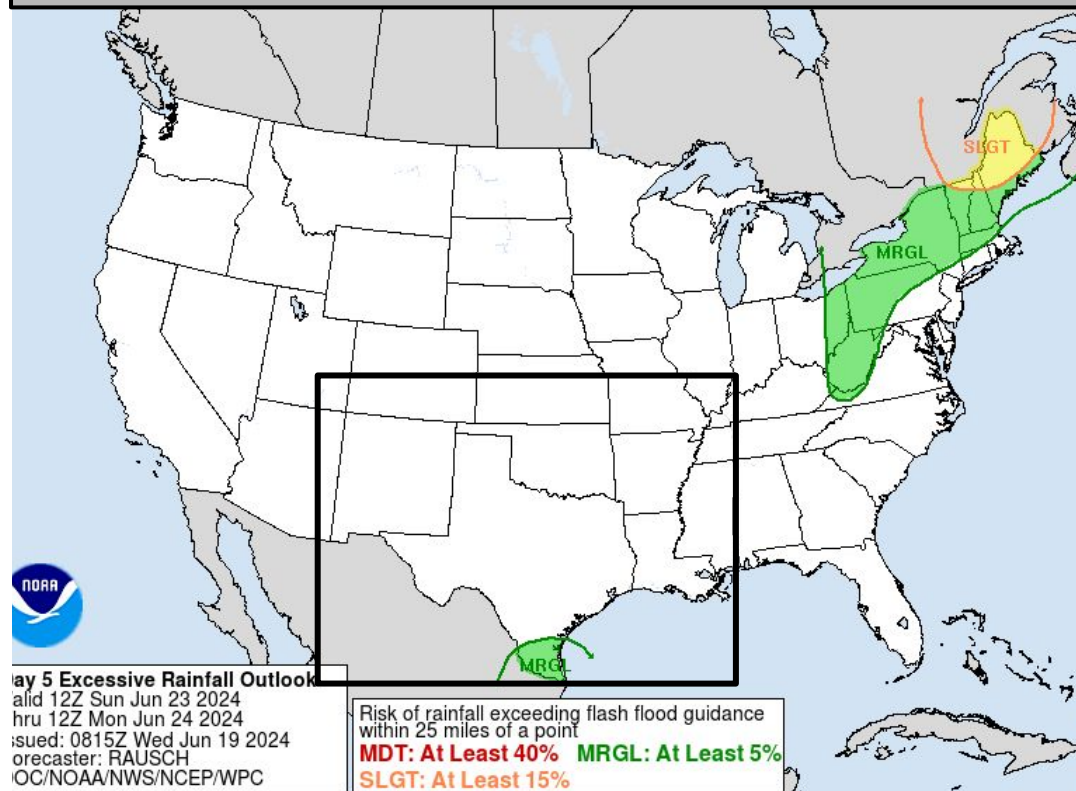


**Isolated heavy rainfall may lead to flash flooding in STX.**

### Severe Weather Outlook

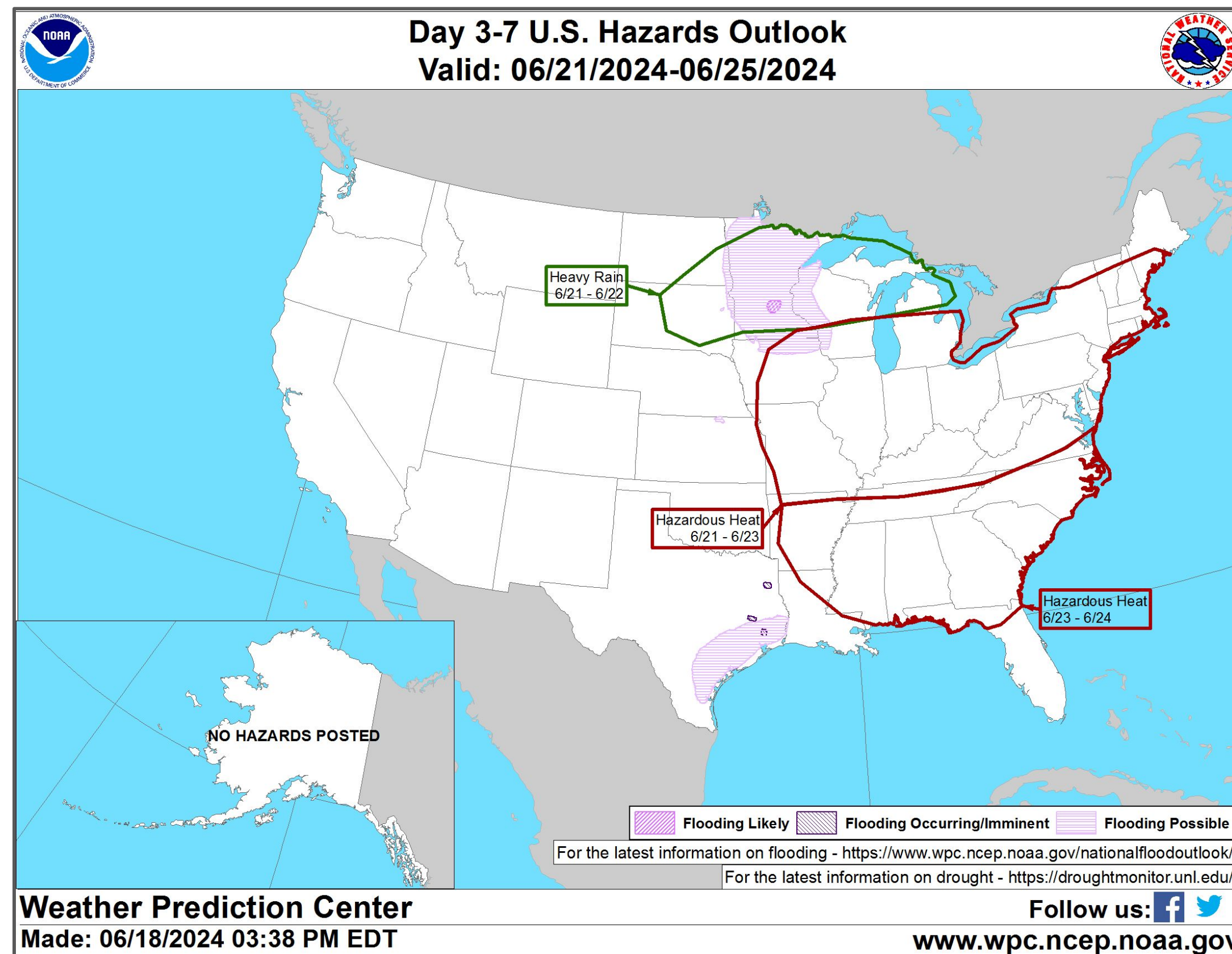


### Excessive Rainfall Outlook





# “Day 3-7” Hazards Outlook



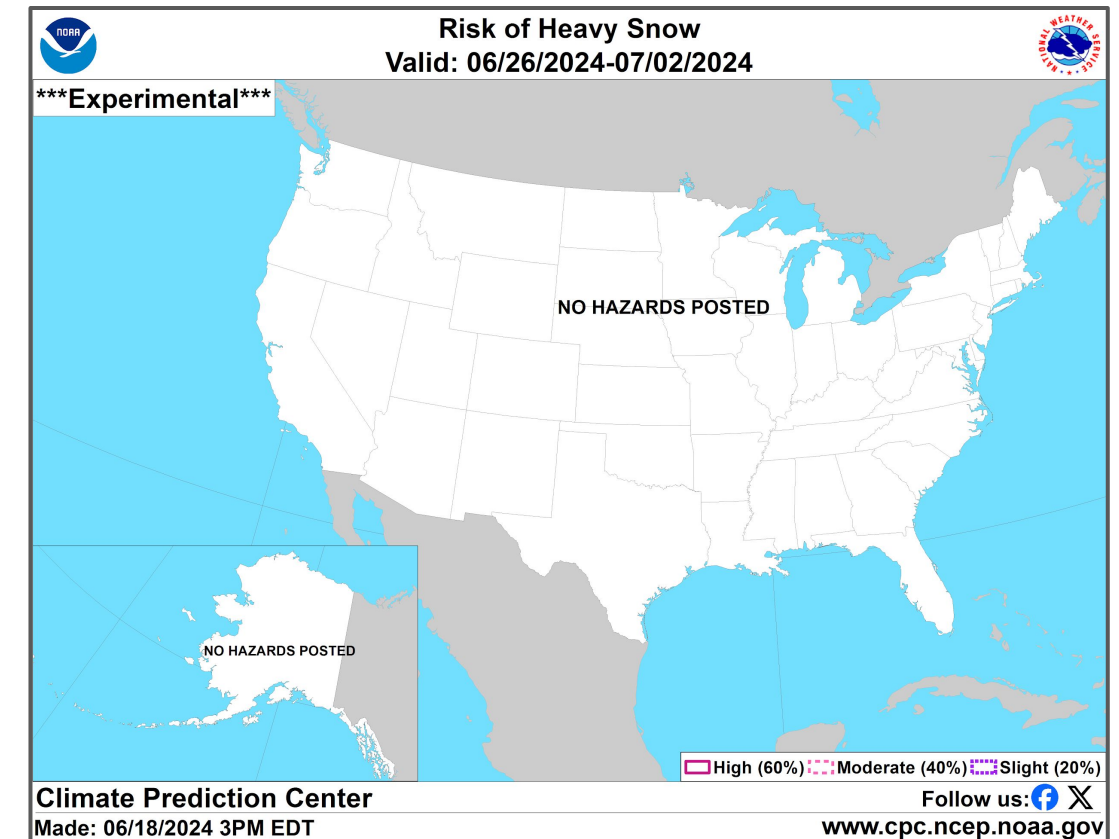
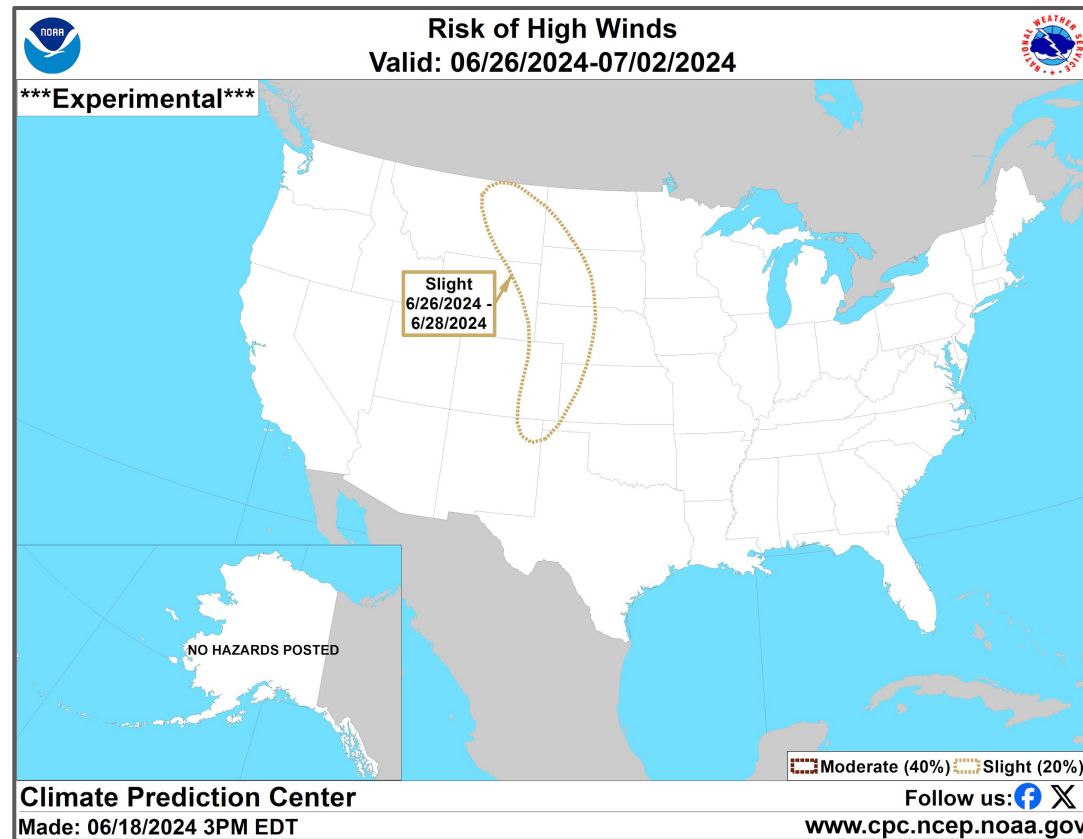
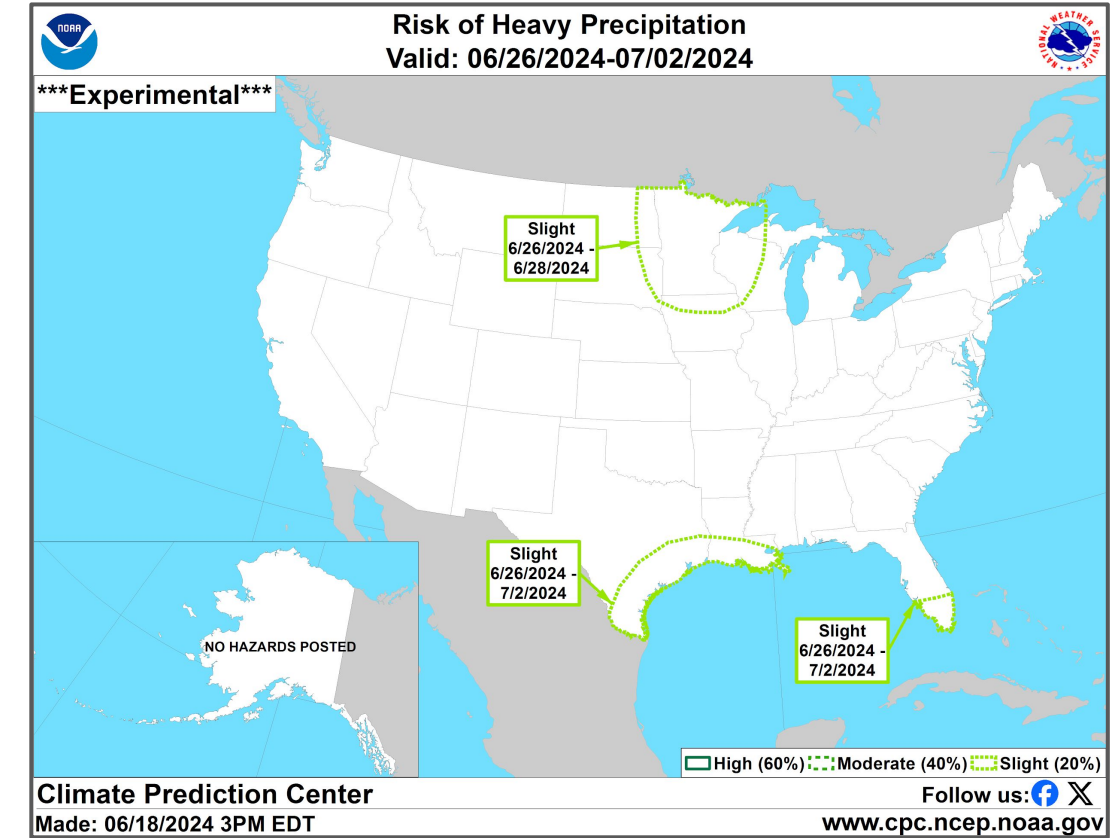
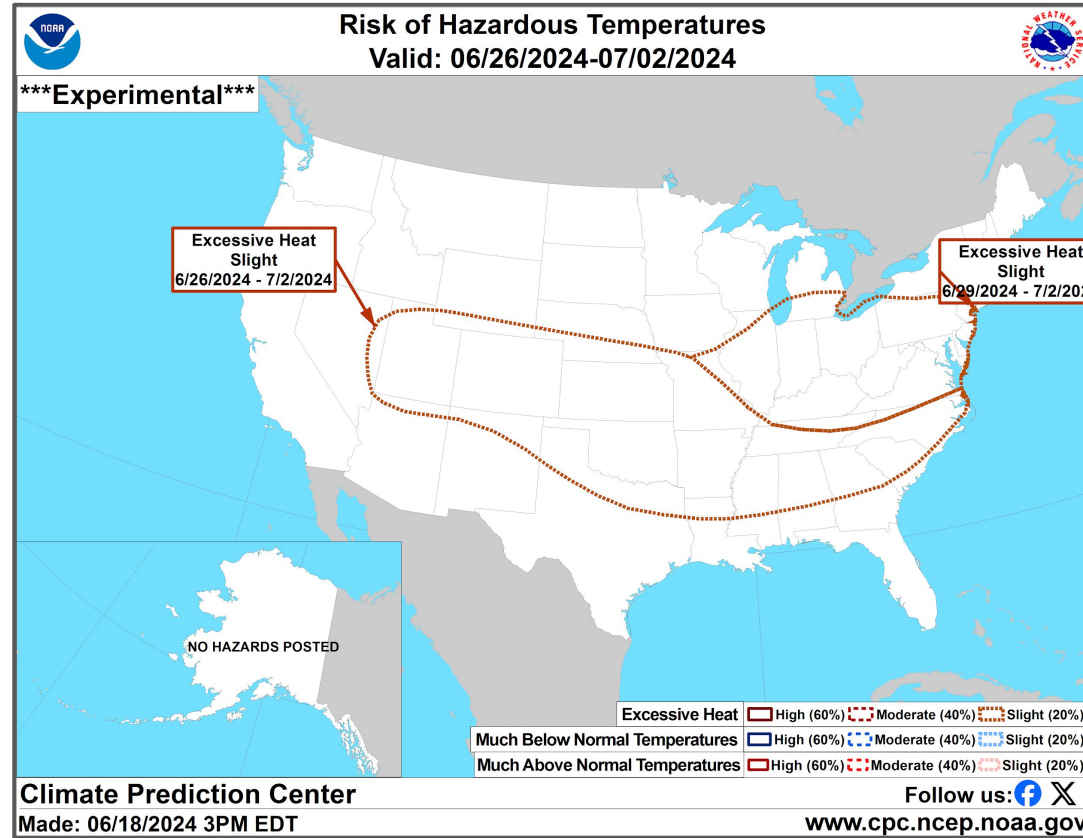
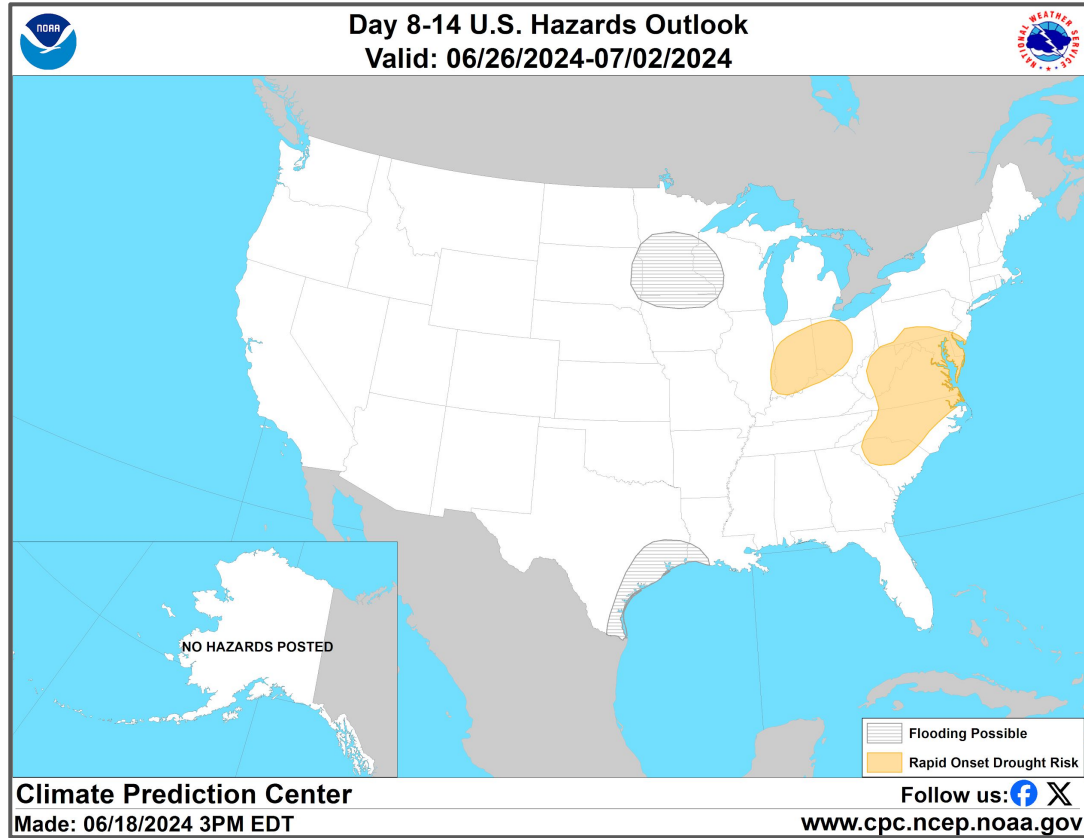
**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

1. The “day 3-7” will really be days 2-6
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

For additional information on this outlook go to <https://origin.wpc.ncep.noaa.gov/threats/threats.php>



# “Day 8-14” Hazards Outlook



**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

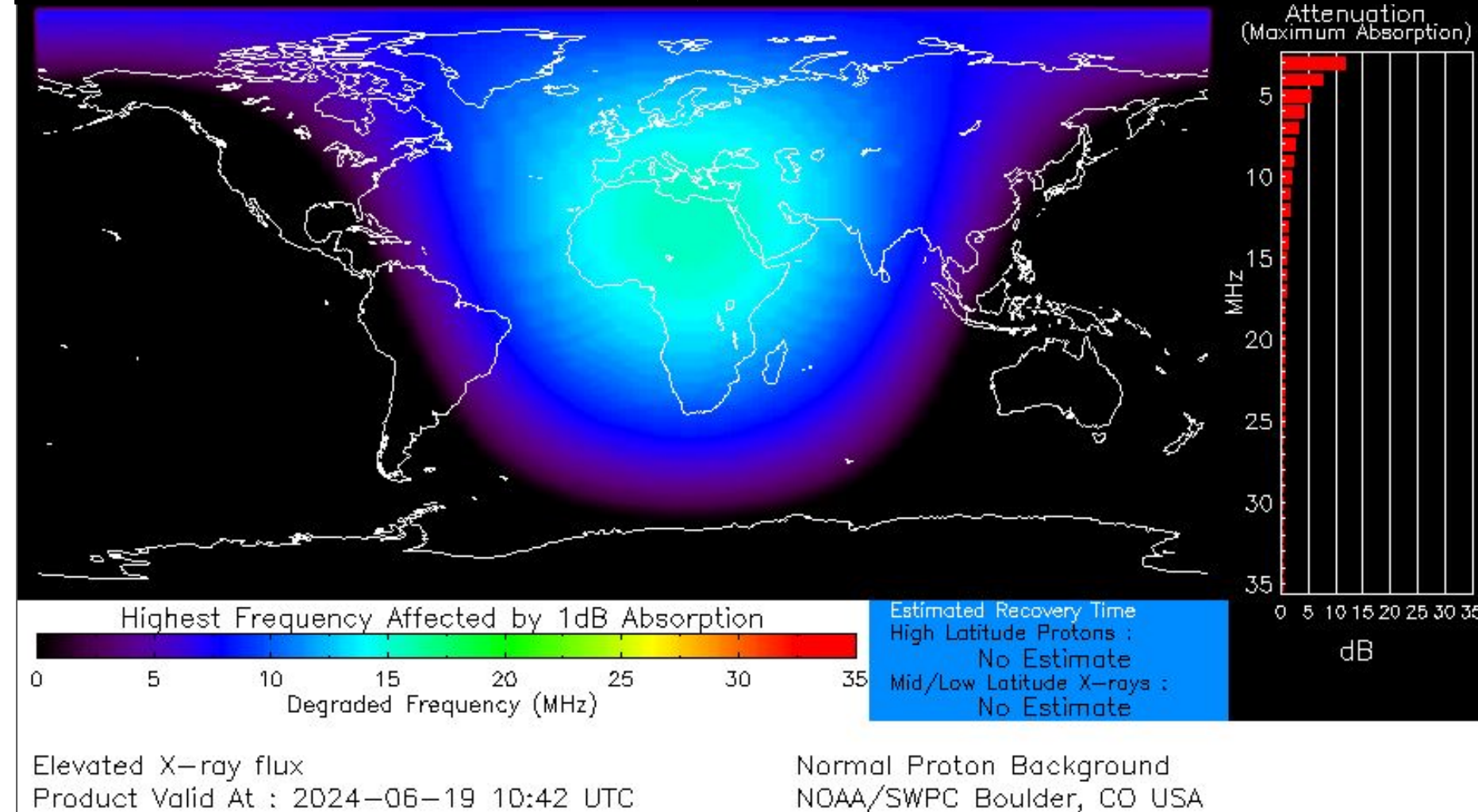
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

For additional information on this outlook go to <https://www.cpc.ncep.noaa.gov/products/predictions/threats/threats.php>



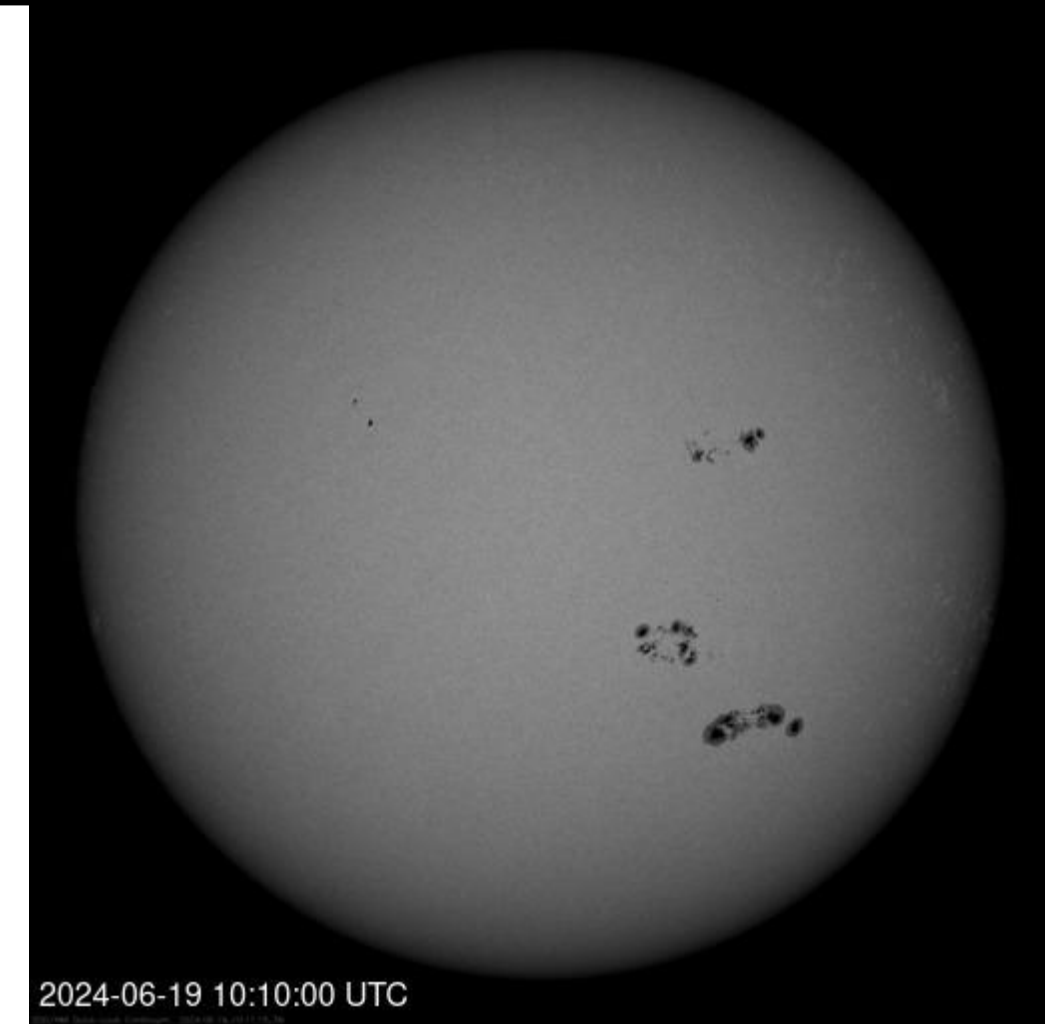
# Space Weather 3-Day Forecast

	Wednesday, Jun 19	Thursday, Jun 20	Friday, Jun 21
<b>Geomagnetic Storms</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>	<b>Unsettled (Max Kp = 3)</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

Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



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**Twitter:** NWSSouthern



**Web:** [www.weather.gov/srh](http://www.weather.gov/srh)