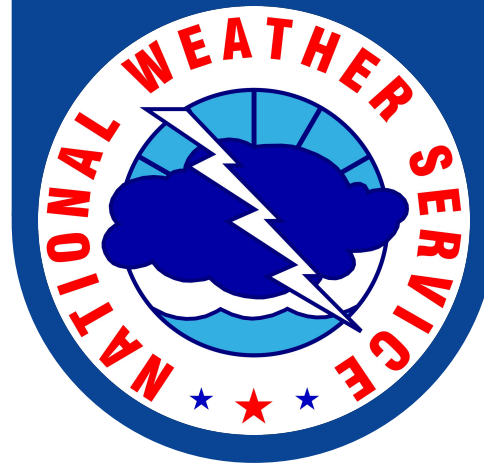




# FEMA



Prepared by  
*Melissa Beat*

# FEMA Region 6 Weather Threat Briefing

Friday, June 14, 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 NE NM into TX/OK Panhandles and W OK today and Saturday.**
- **Heavy rainfall potential in SE TX and S LA Sunday through Tuesday.**
- **Elevated to critical fire weather conditions in W NM today into Monday.**
- **Moderate river flooding in E TX.**
- **Medium chance...around 40%...for tropical development in the Bay of Campeche/western Gulf of Mexico in the next 7 days. Continue to monitor through the weekend for changes/impacts to FEMA 6.**





# FEMA Region 6 Threat Matrix

Next 5 Days

|                             | Friday, Jun 14          | Saturday, Jun 15              | Sunday, Jun 16 | Monday, Jun 17 | Tuesday, Jun 18 |
|-----------------------------|-------------------------|-------------------------------|----------------|----------------|-----------------|
| Severe Storms               | NE NM, TX/OK Panhandles | NE NM, TX/OK Panhandles, W OK |                |                |                 |
| Heavy Rain / Flash Flooding |                         |                               | SE LA          | SETX, S LA     | SETX, S LA      |
| Fire Weather                | SW NM                   |                               | W NM           | NW NM          |                 |
| Wind                        |                         |                               |                |                |                 |
| Heat                        | W TX<br>S NM            |                               |                |                |                 |
| Tropical                    |                         |                               | 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 |
|-------------|----------------|-------|----------|-------|---------|



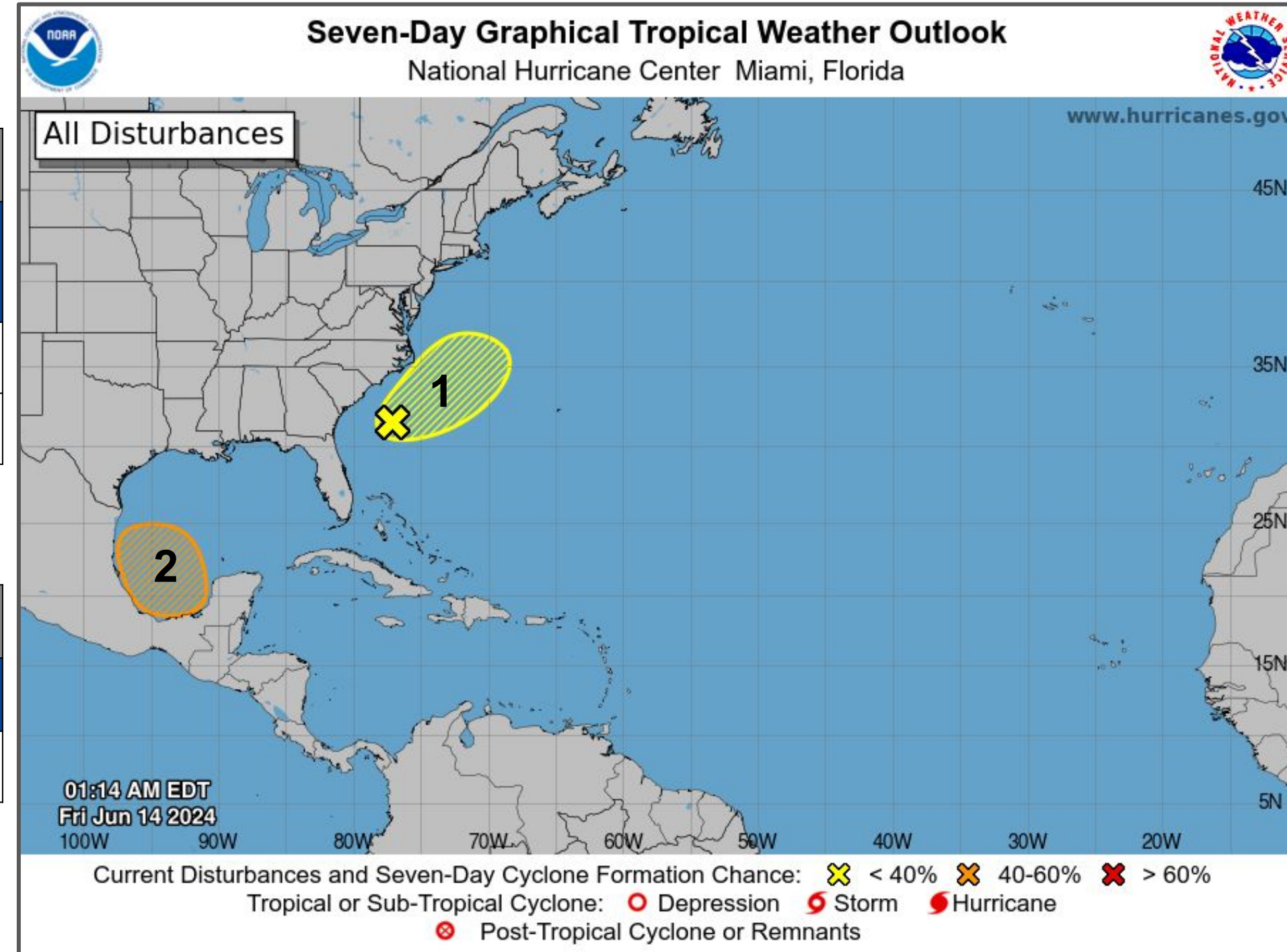
# Tropical Weather Outlook – Atlantic/Gulf

## Areas of Possible Development

| Area | Chance of Development | Potential Impacts to FEMA 6  |
|------|-----------------------|------------------------------|
| 1    | Low                   | None.                        |
| 2    | Medium                | Monitor for early next week. |

## Active Tropical Cyclones

| Storm | Potential Impacts to FEMA 6 |
|-------|-----------------------------|
| -     | -                           |



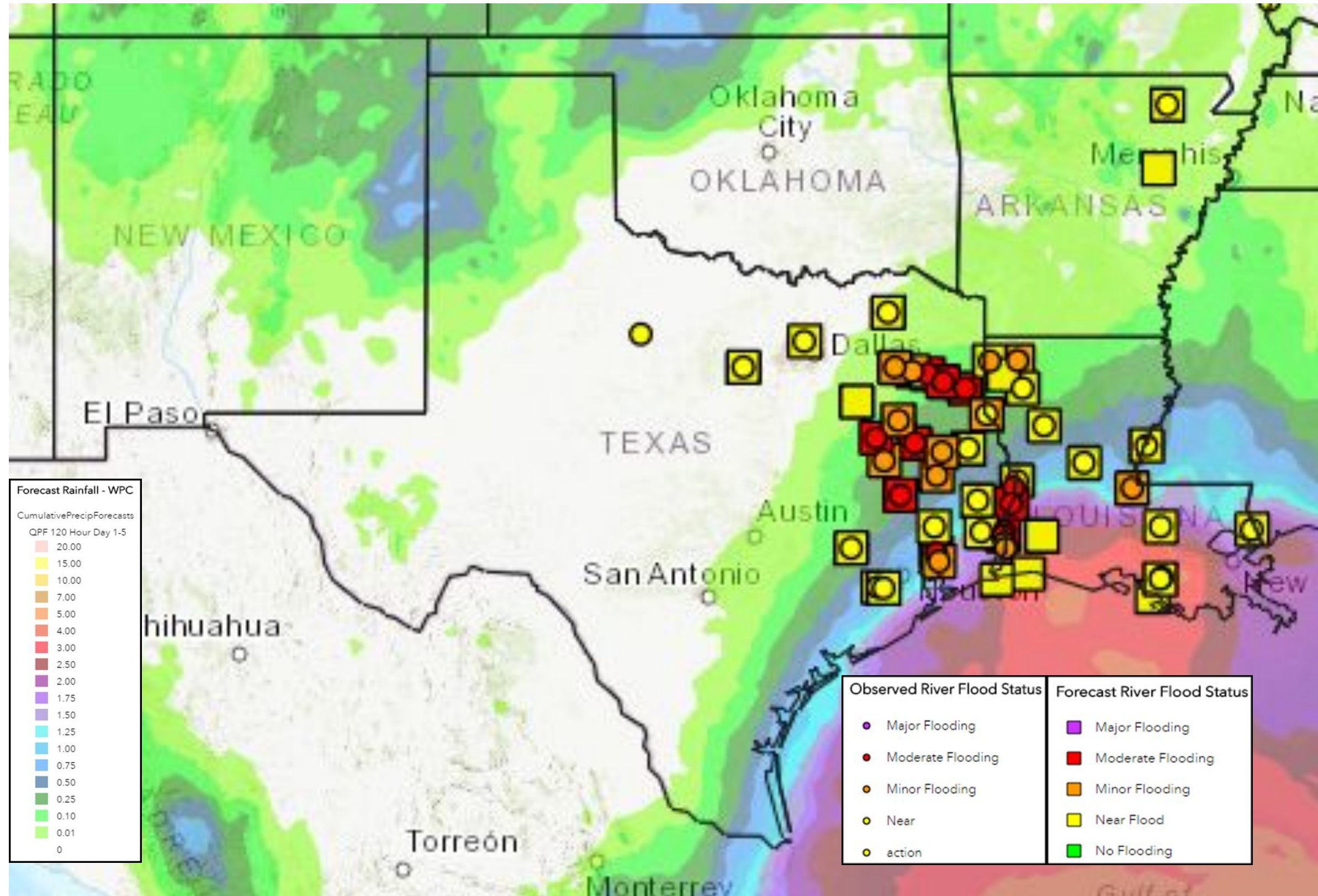
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms





# 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



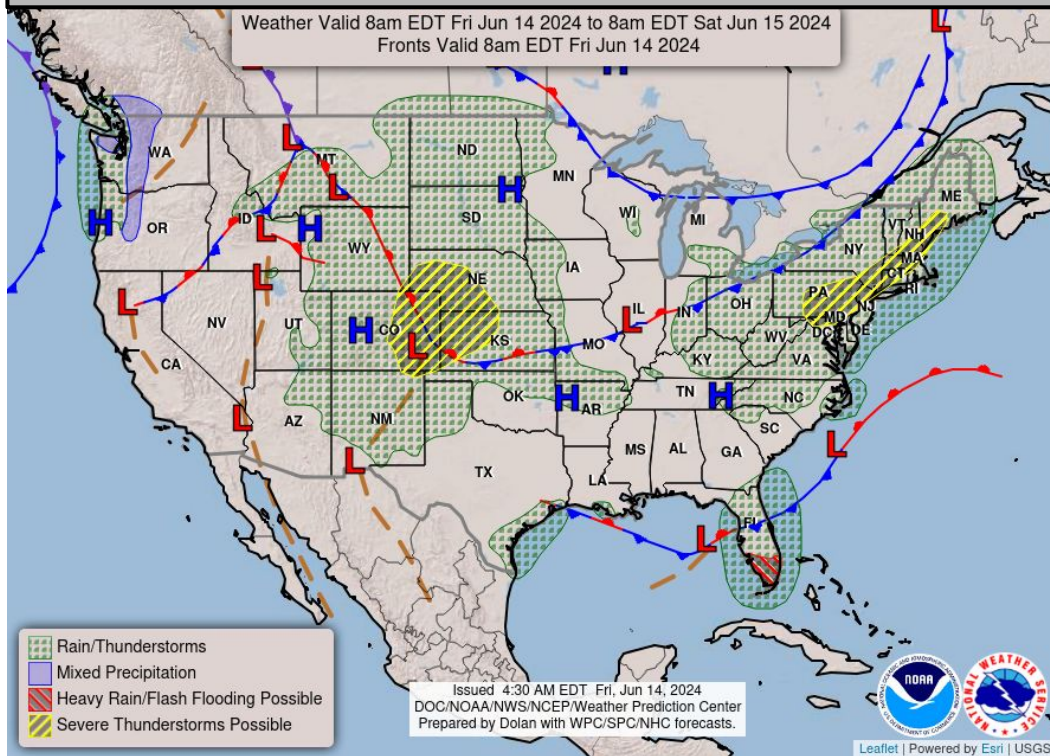
**Moderate river flooding in ETX impacts to some homes at Trinity River at Riverside.**



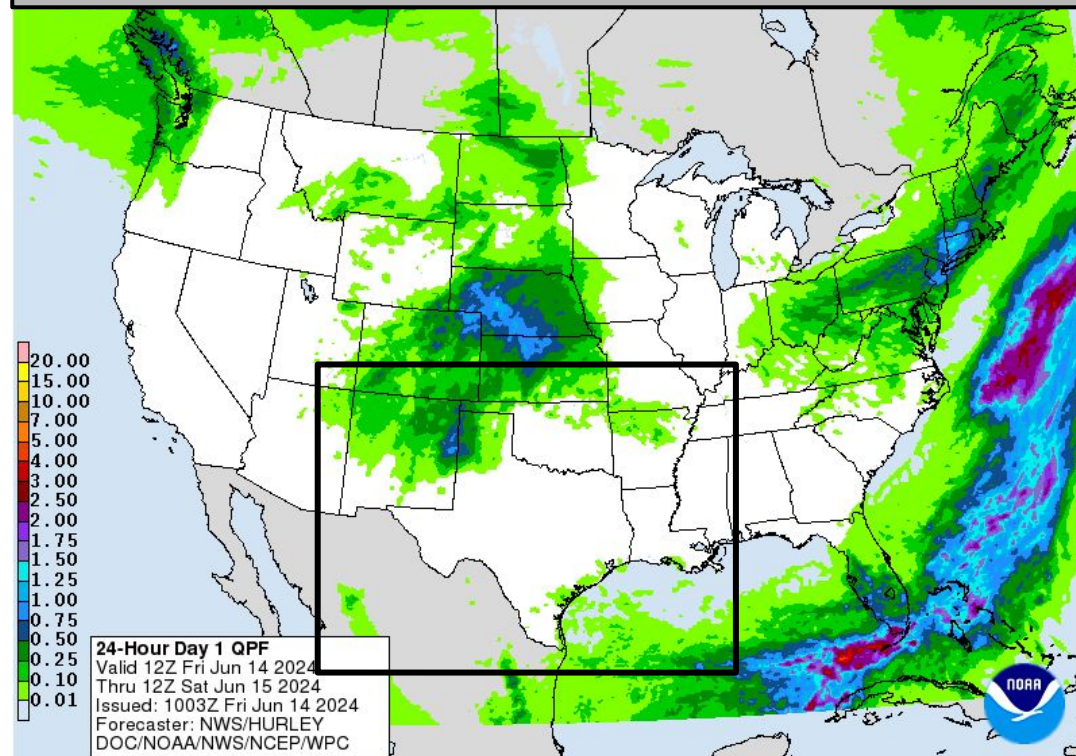


# Today's Weather

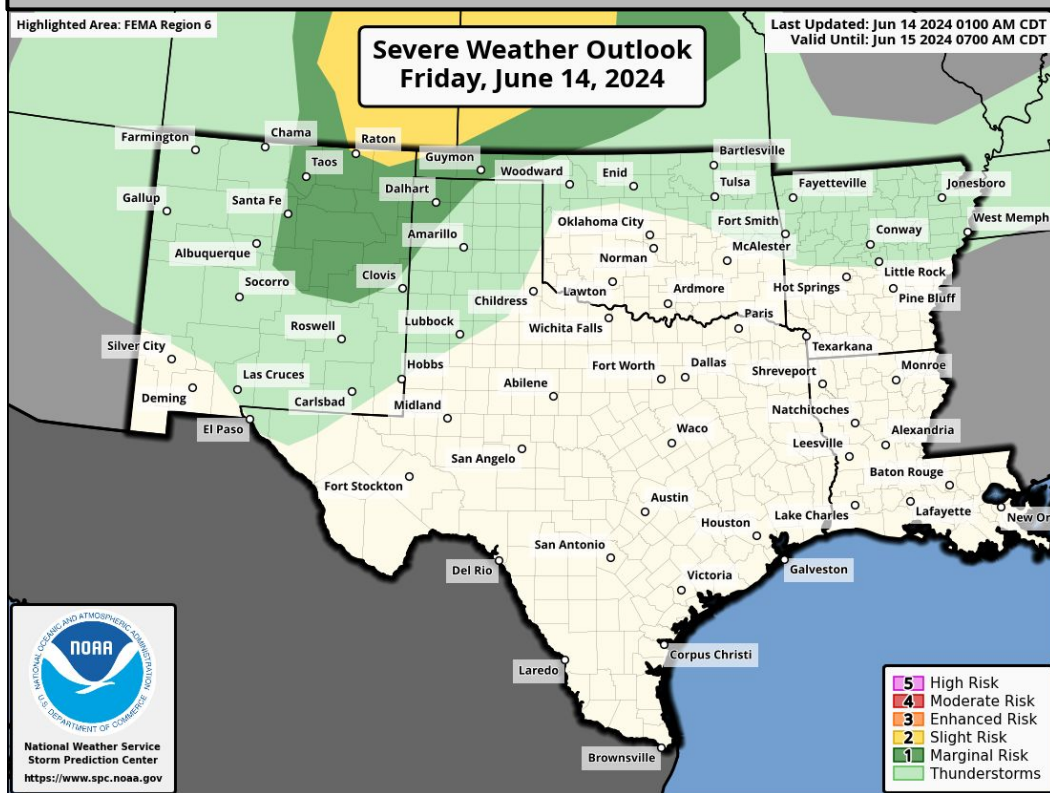
## Forecast Chart



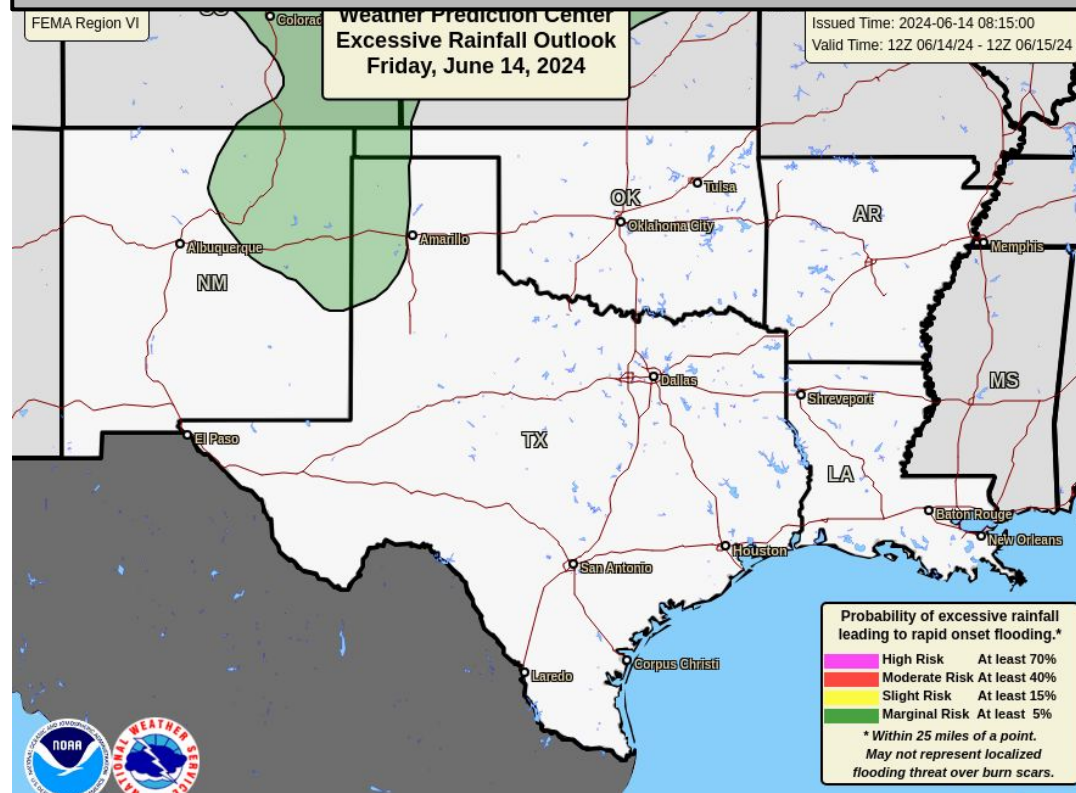
## Forecast Rainfall



## Severe Weather Outlook



## Excessive Rainfall Outlook



**Marginal risk for severe storms in NE NM, TX/OK Panhandles.**

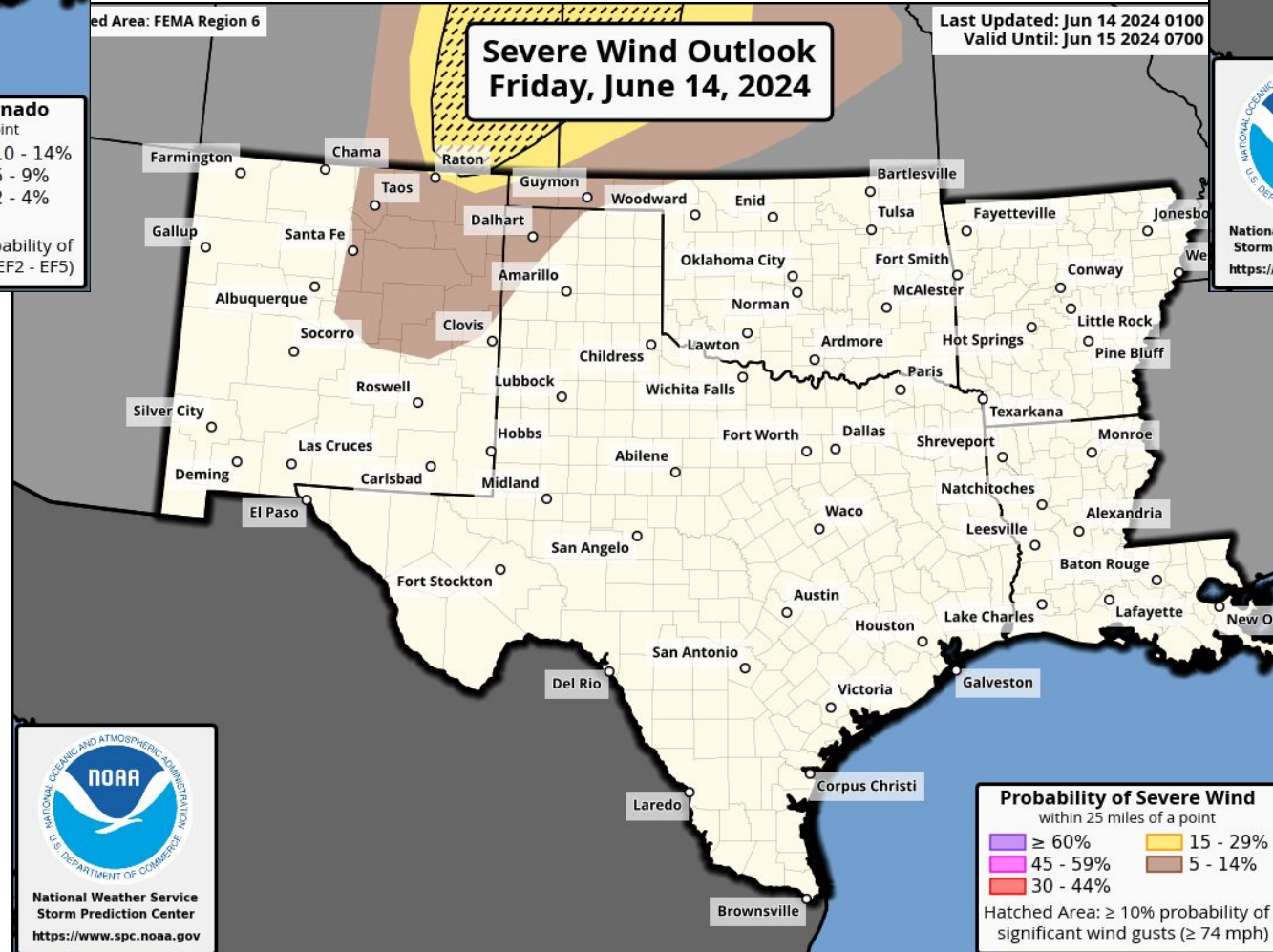
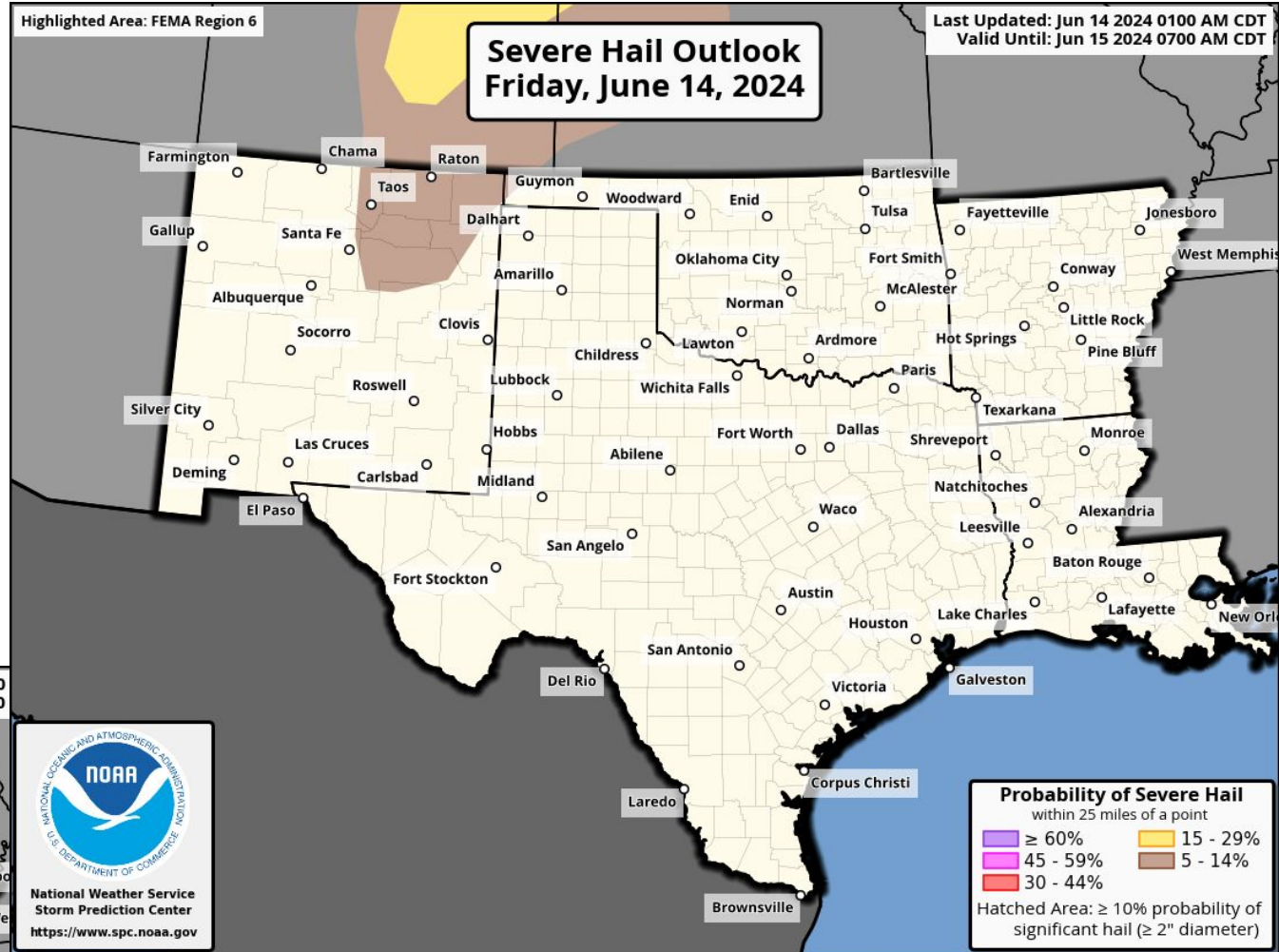
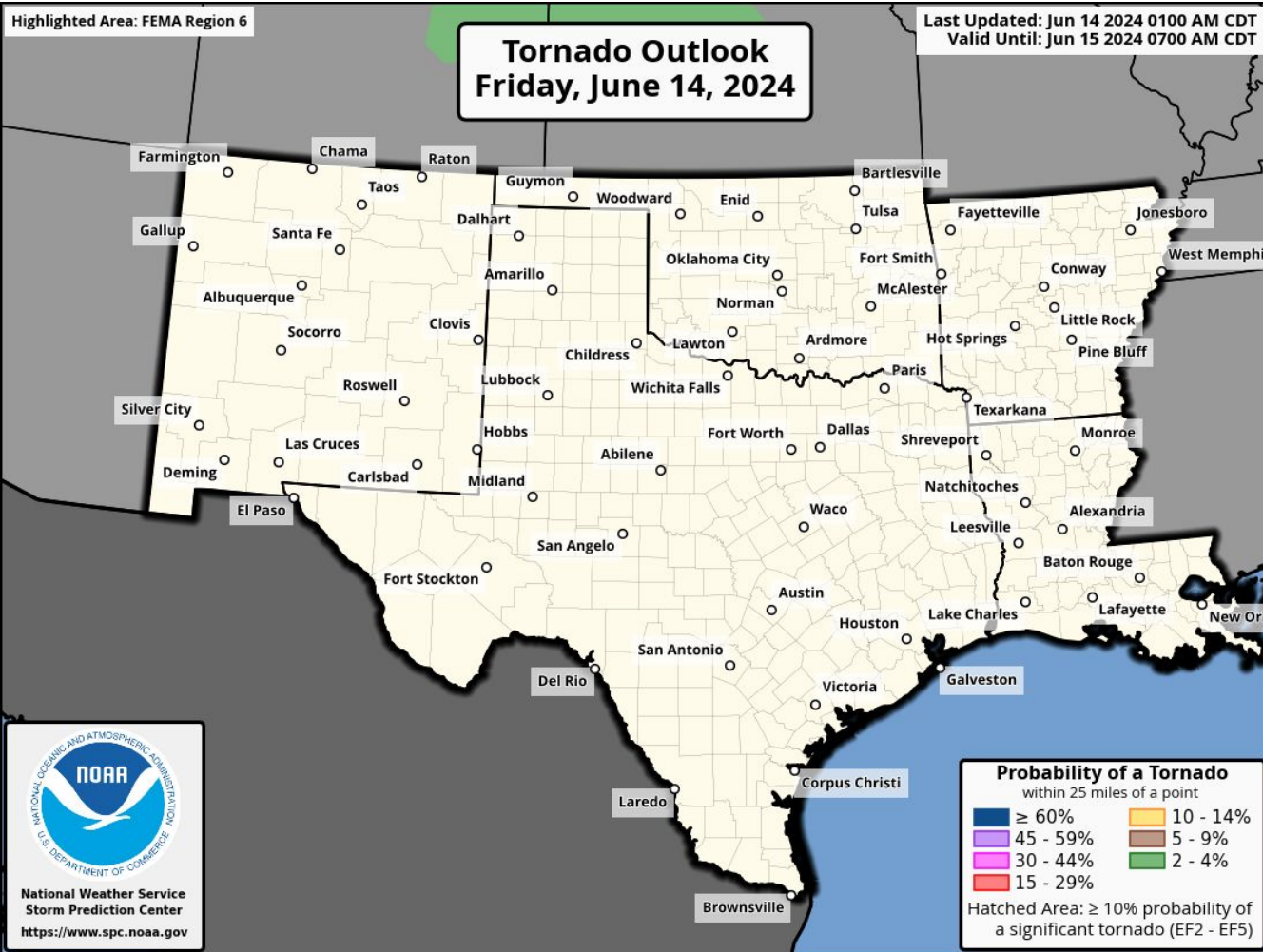
**Above normal heat/heat index values across S NM and W TX.**

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



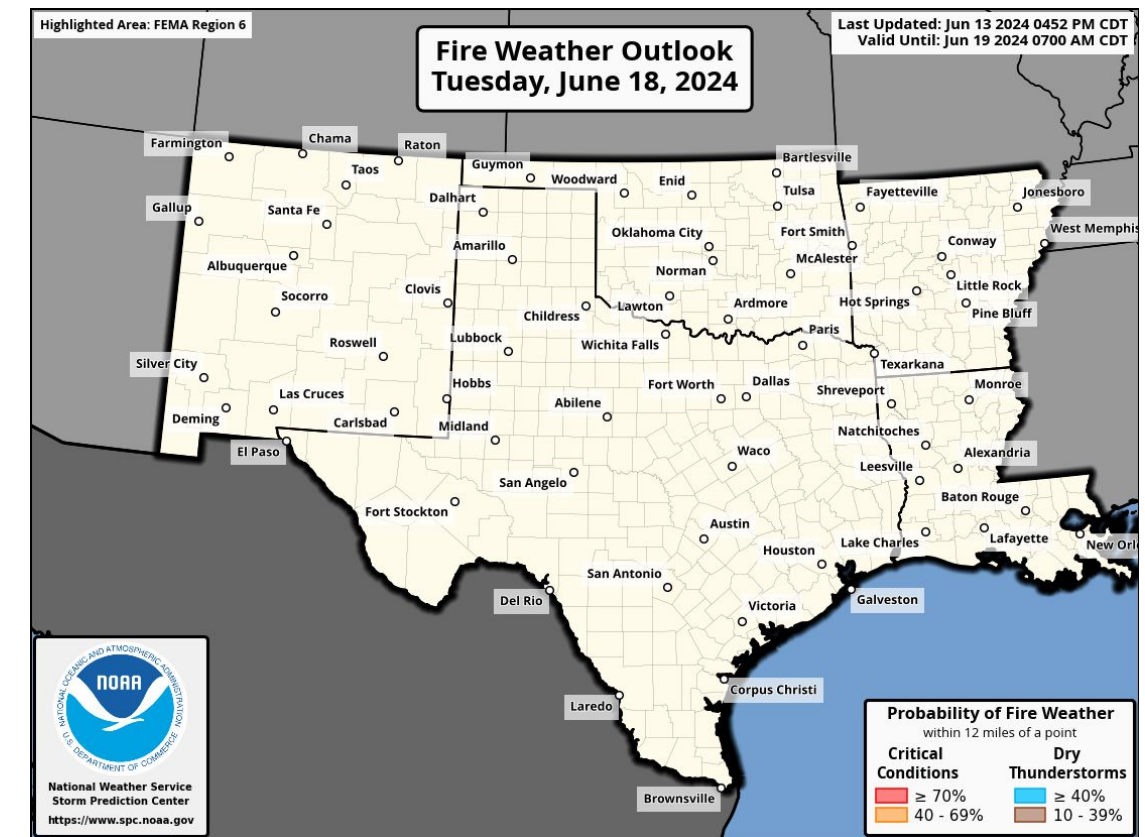
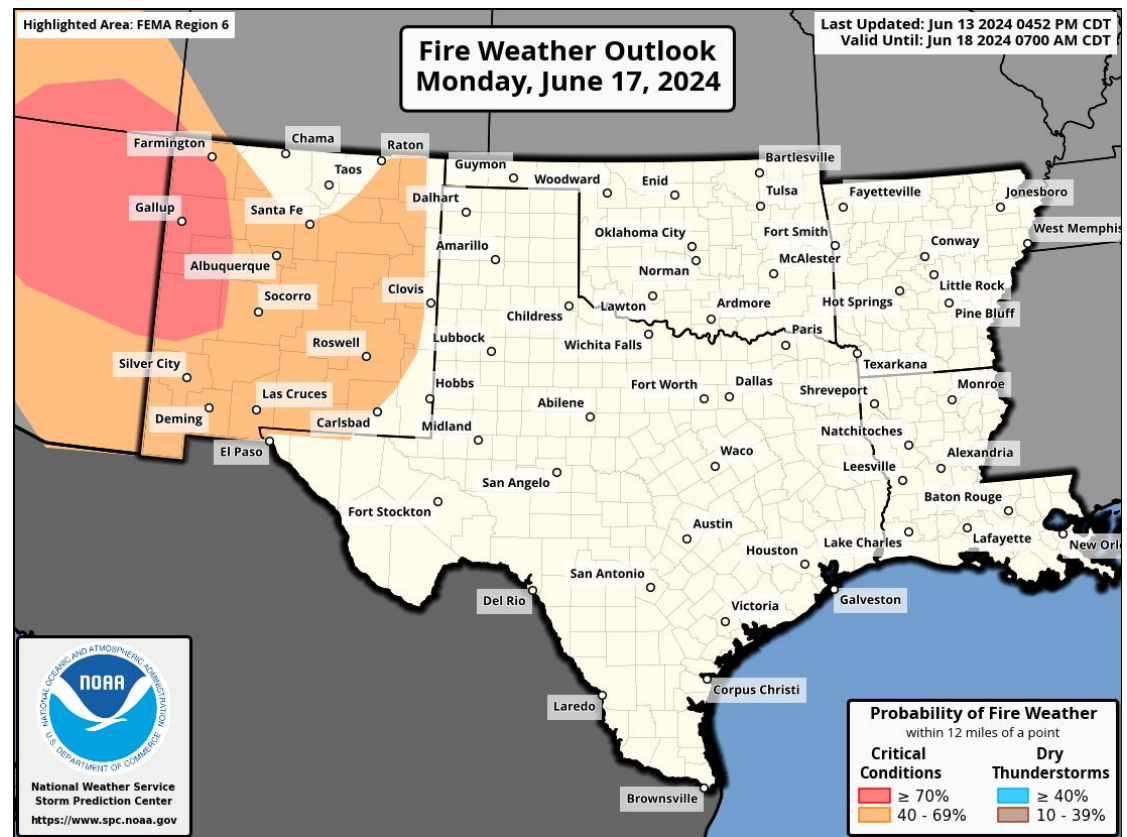
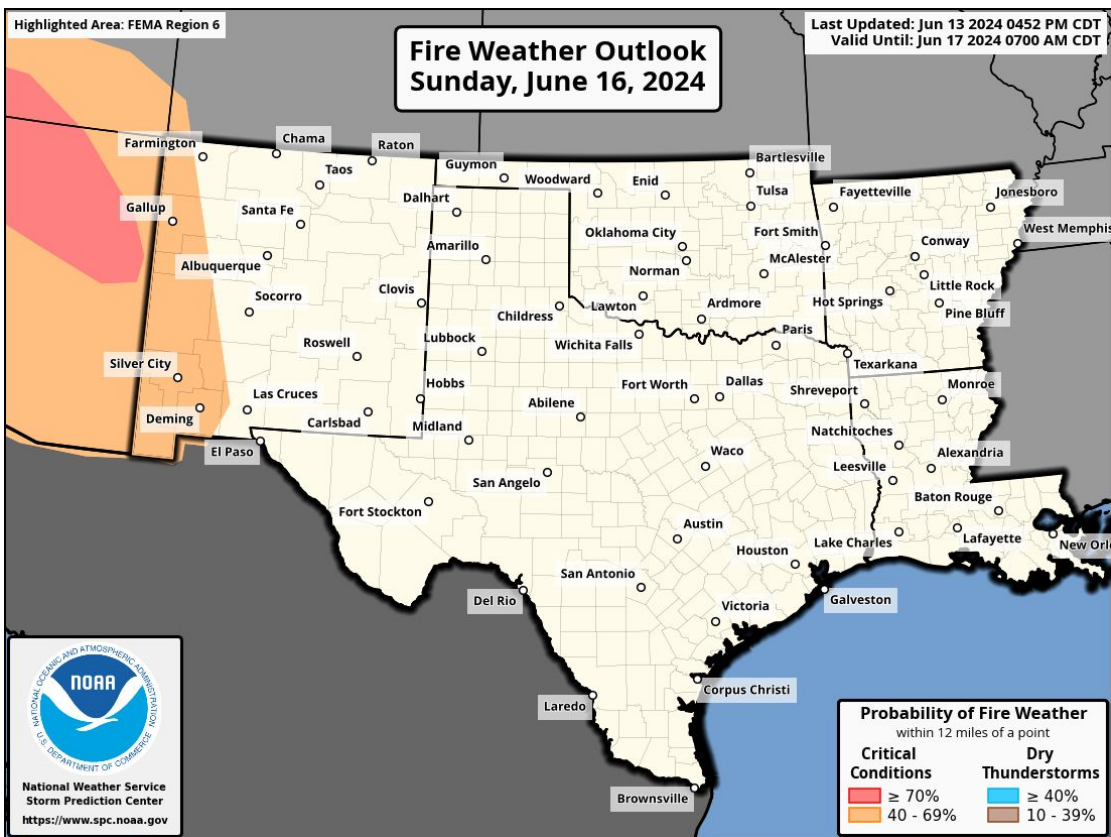
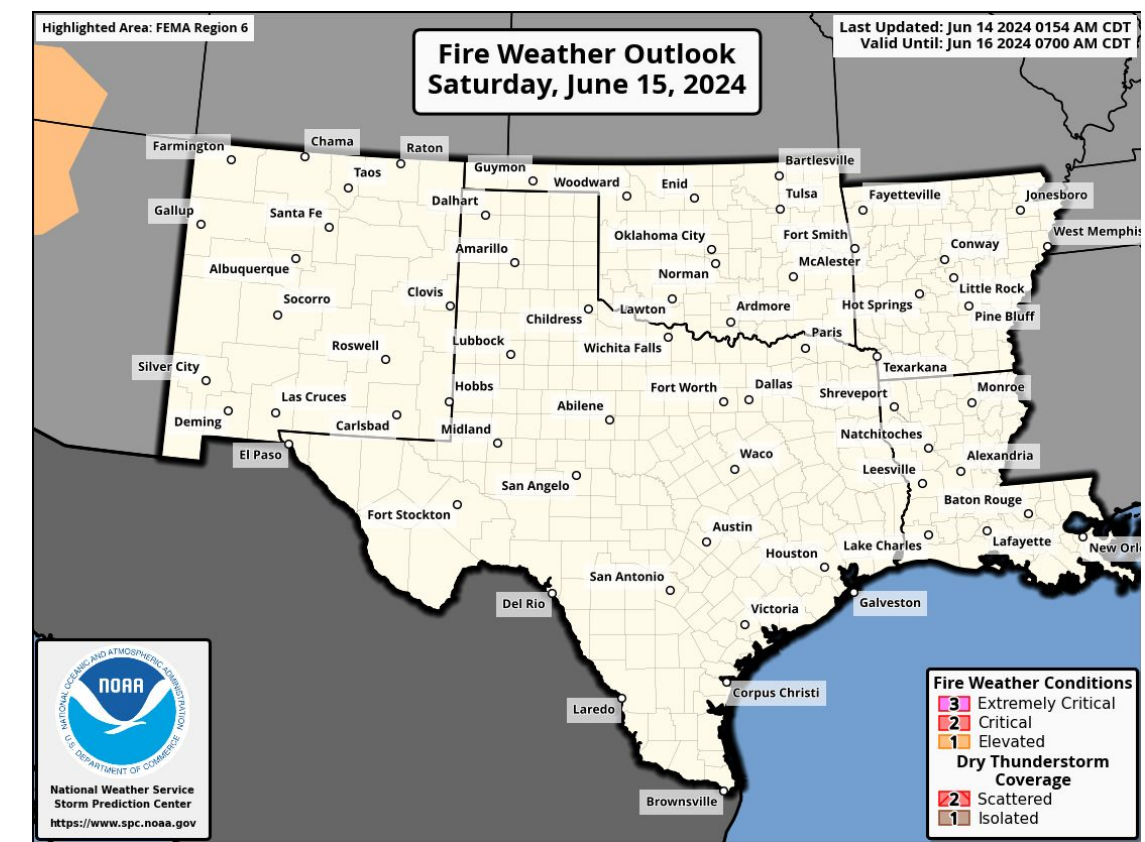
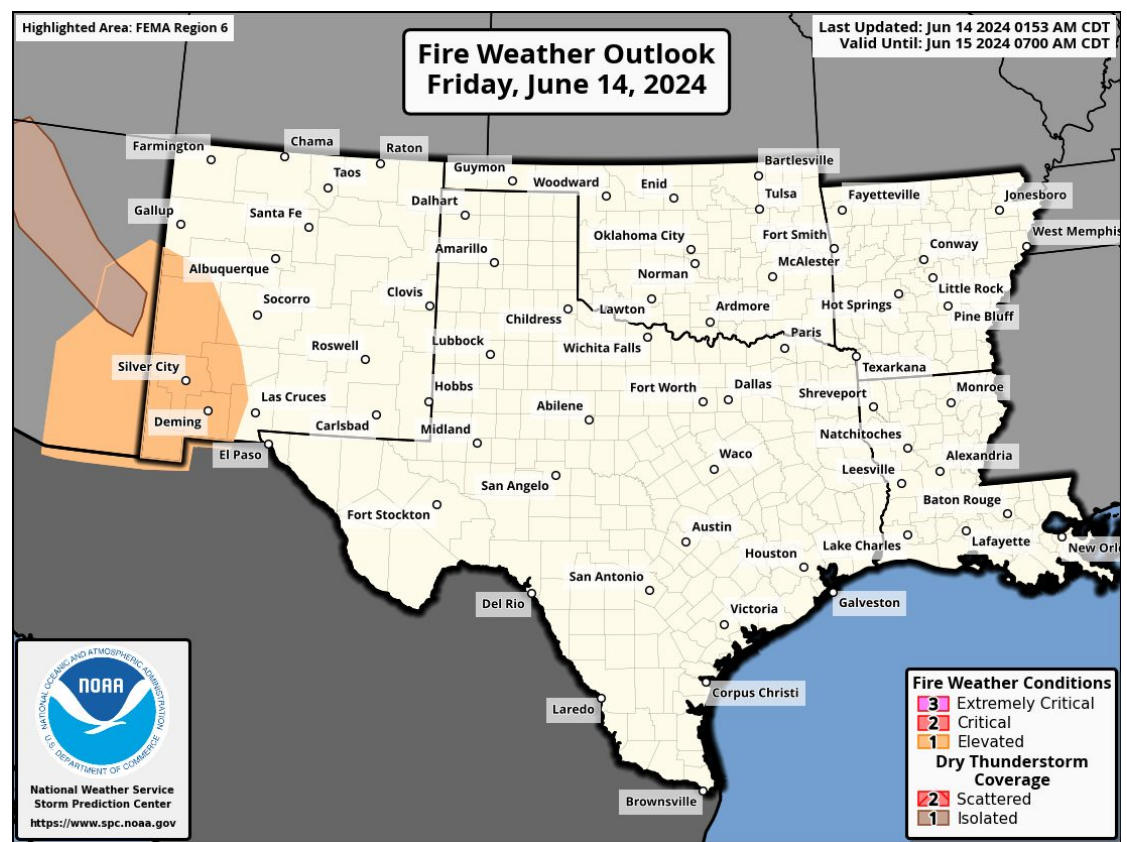
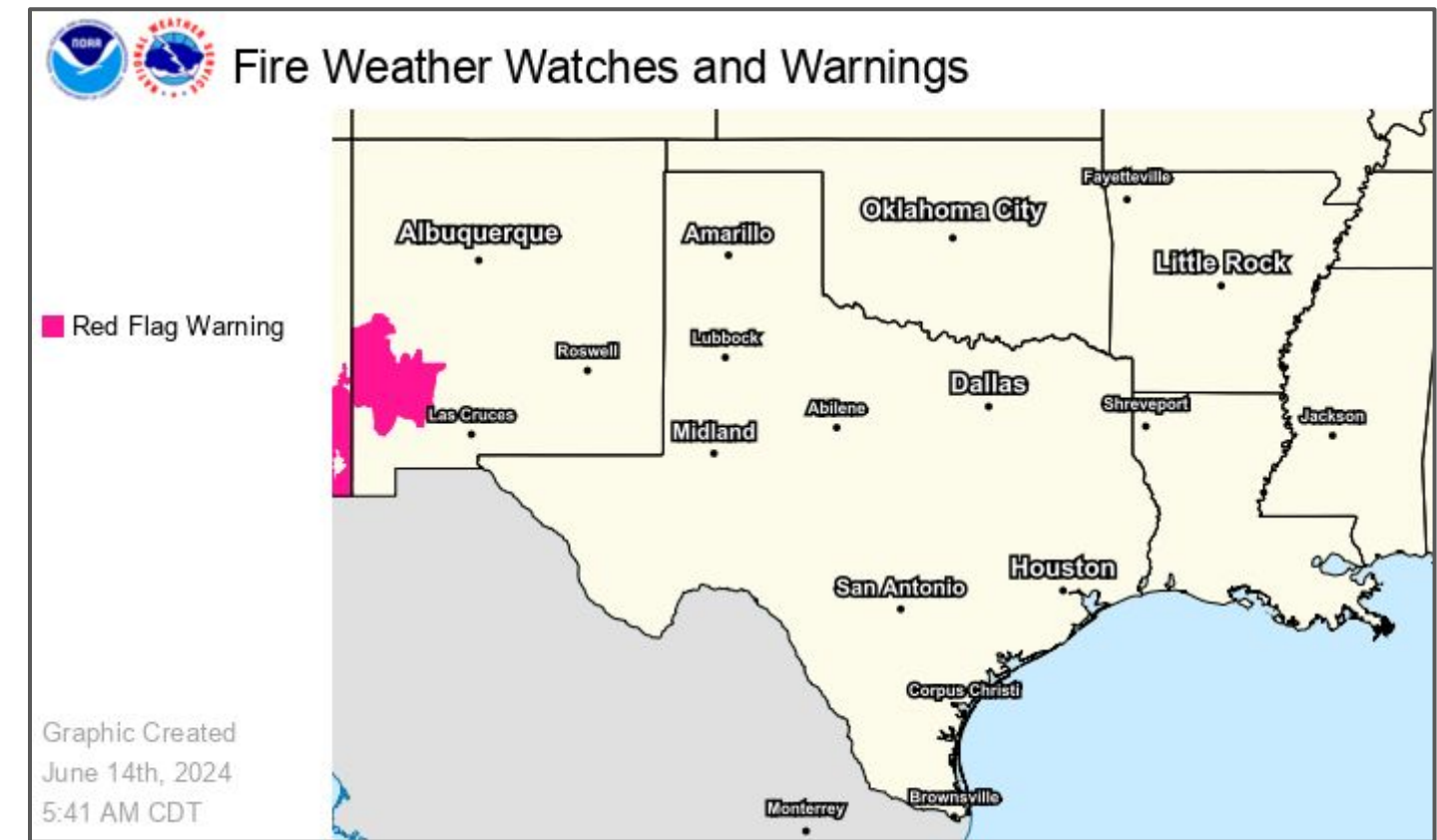
# Today's Tornado & Severe Wind / Hail Probabilities

June 14, 2024





# Fire Weather Outlooks



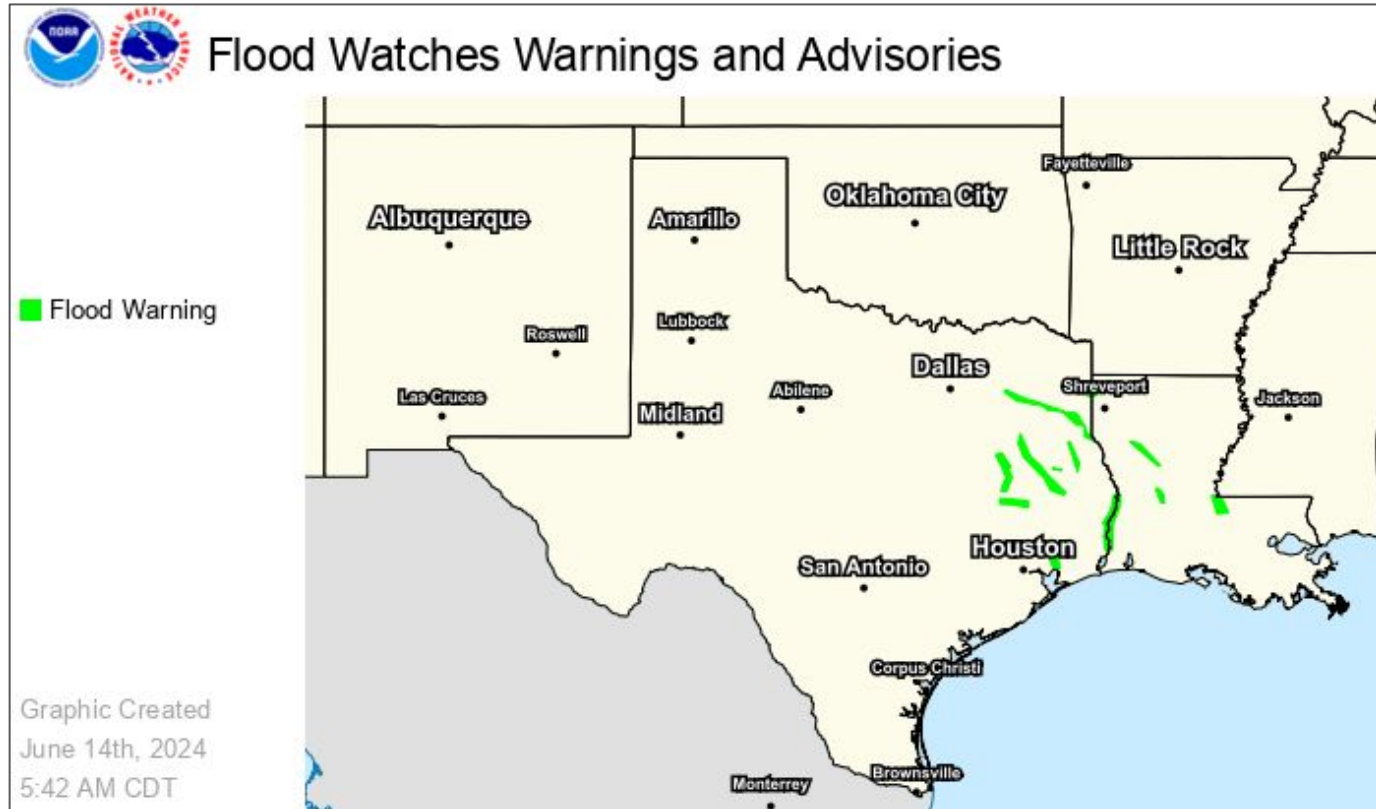
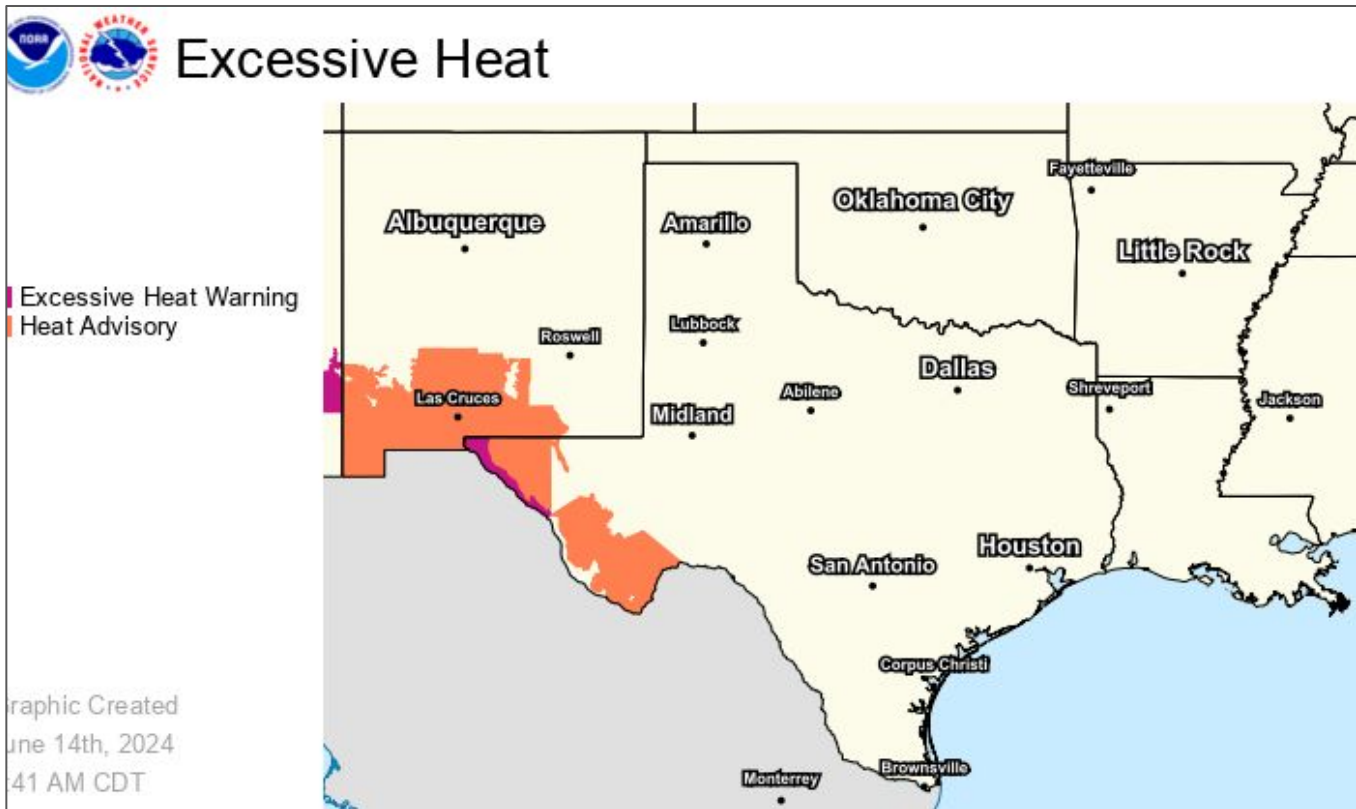
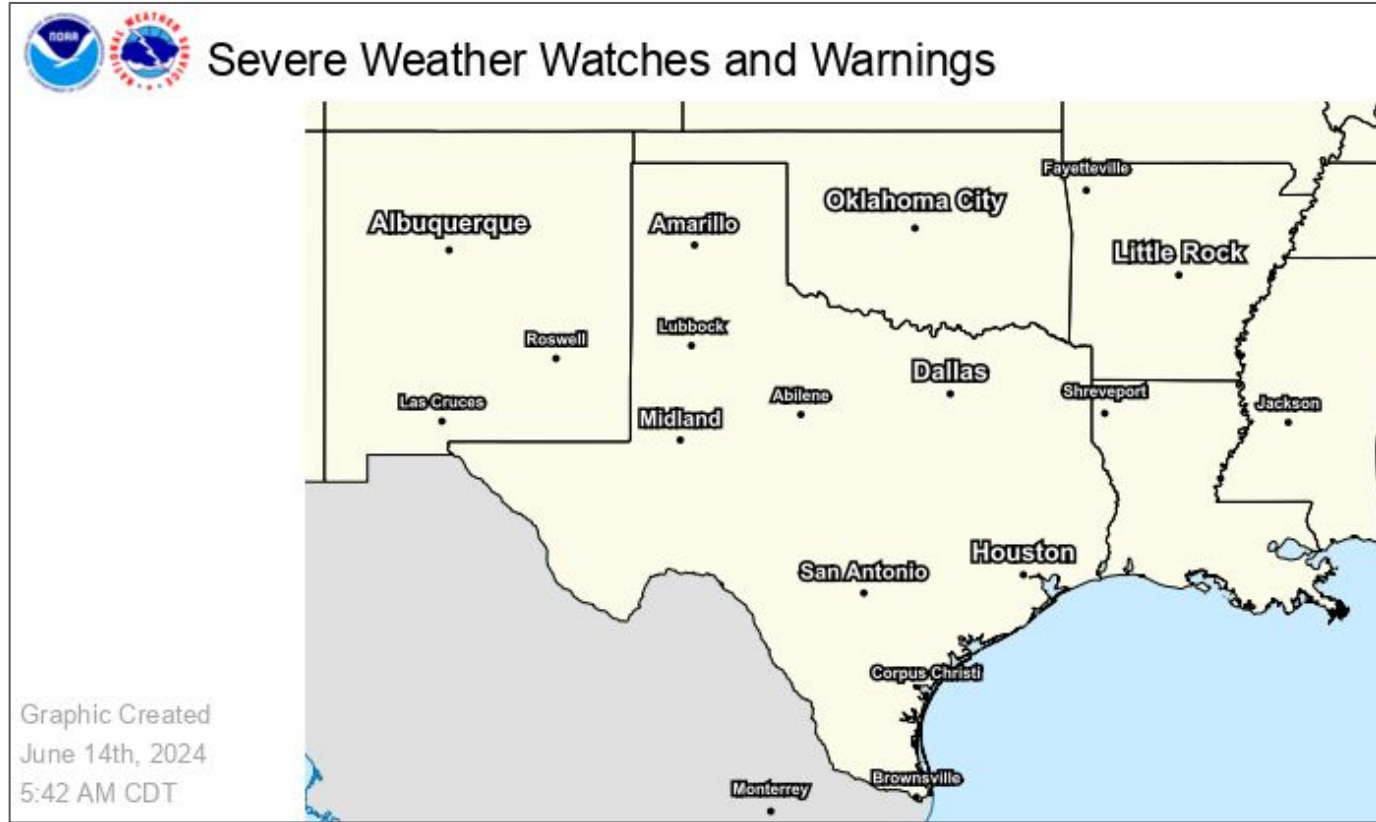




# Watches, Warnings, and Advisories

## Wind, Severe, Heat, and Flood Hazards

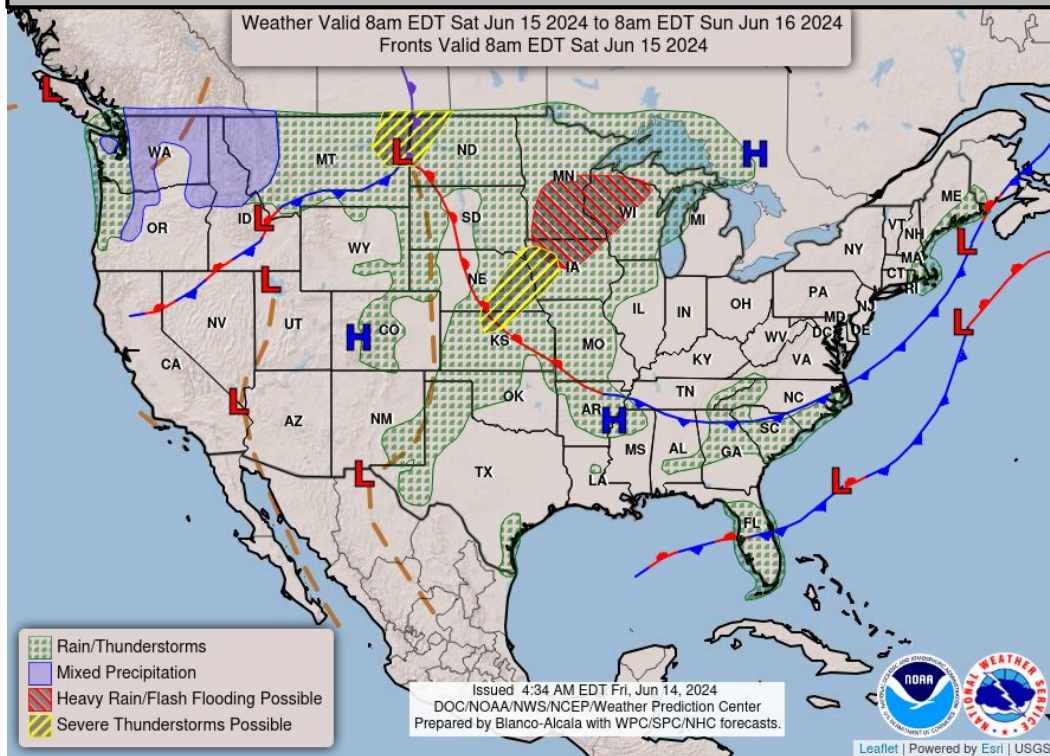
**Heat Advisories and Excessive Heat Warnings in S NM and W TX.**



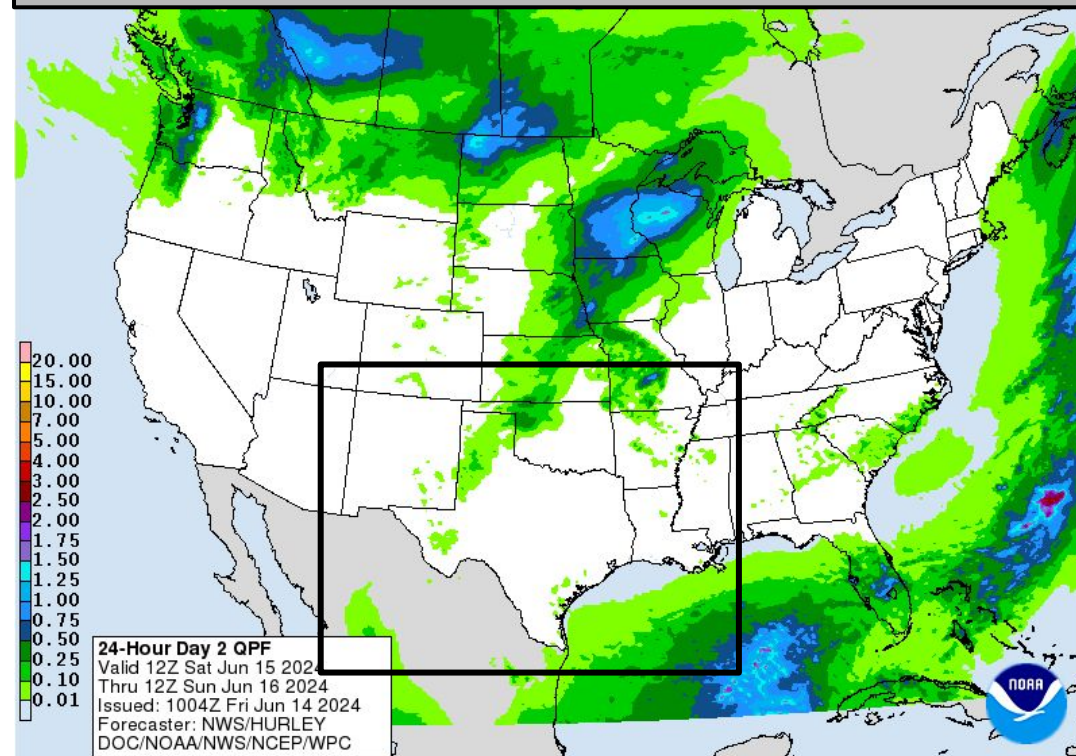


# Tomorrow's Weather

## Forecast Chart

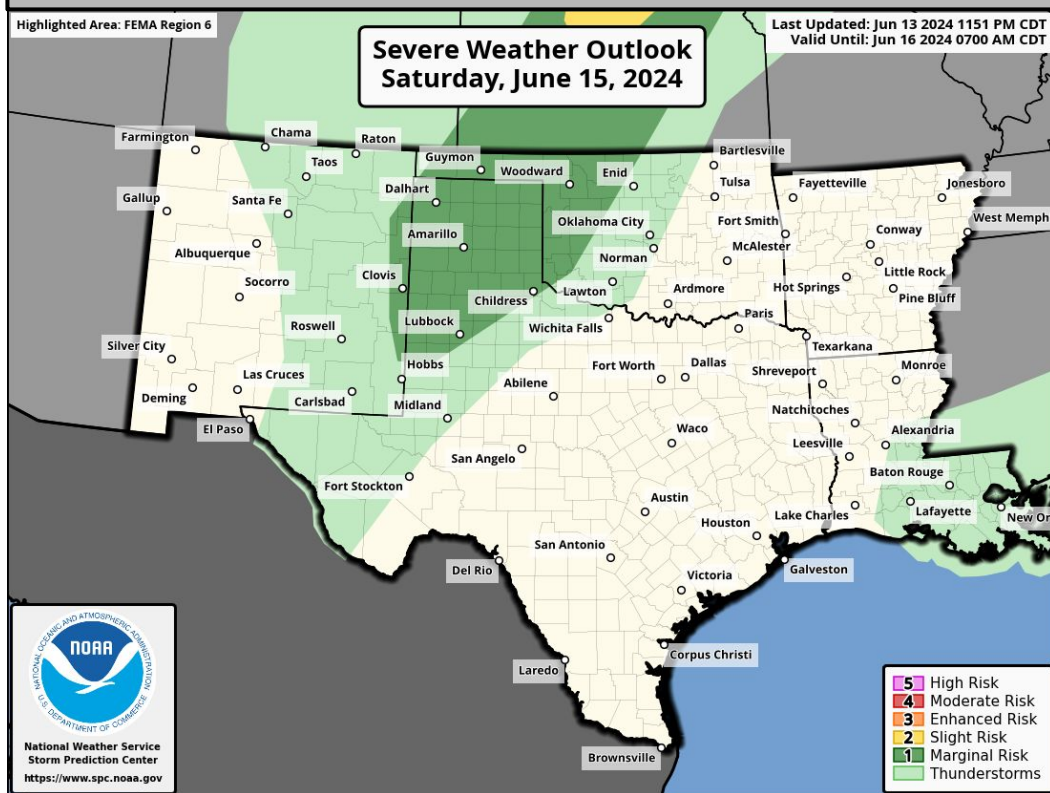


## Forecast Rainfall

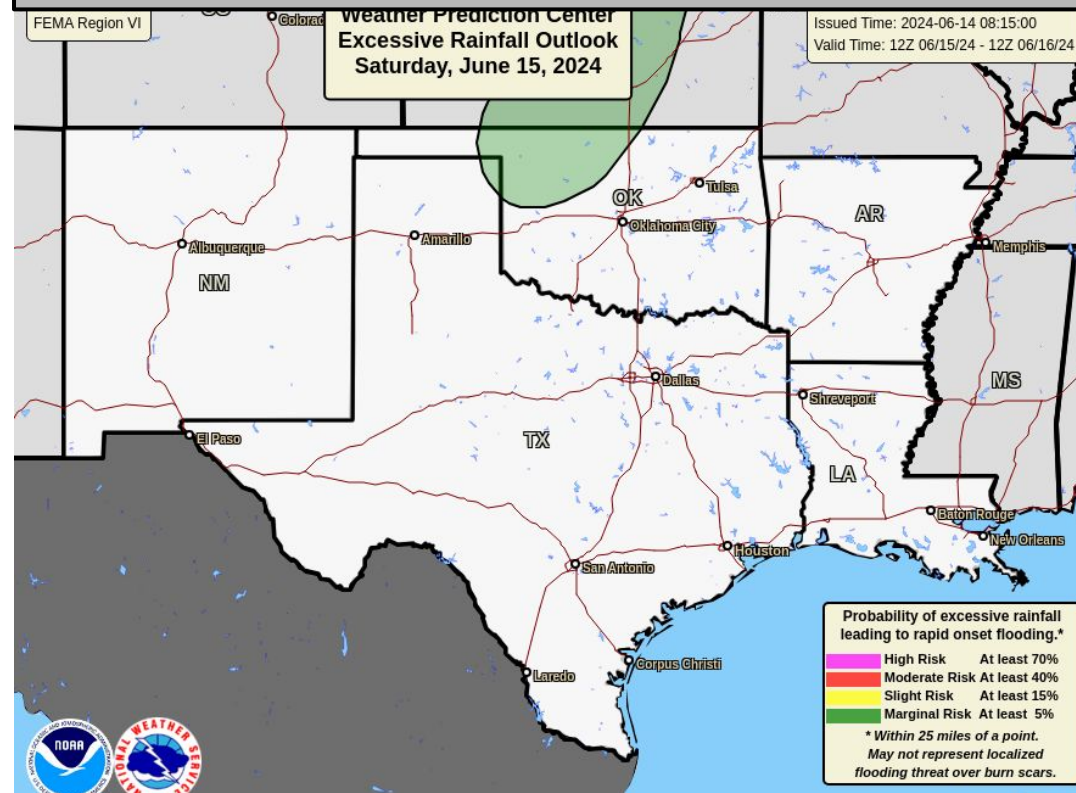


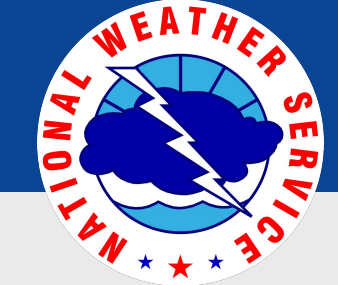
**Marginal risk for severe storms in NE NM, TX/OK Panhandles, W OK.**

## Severe Weather Outlook

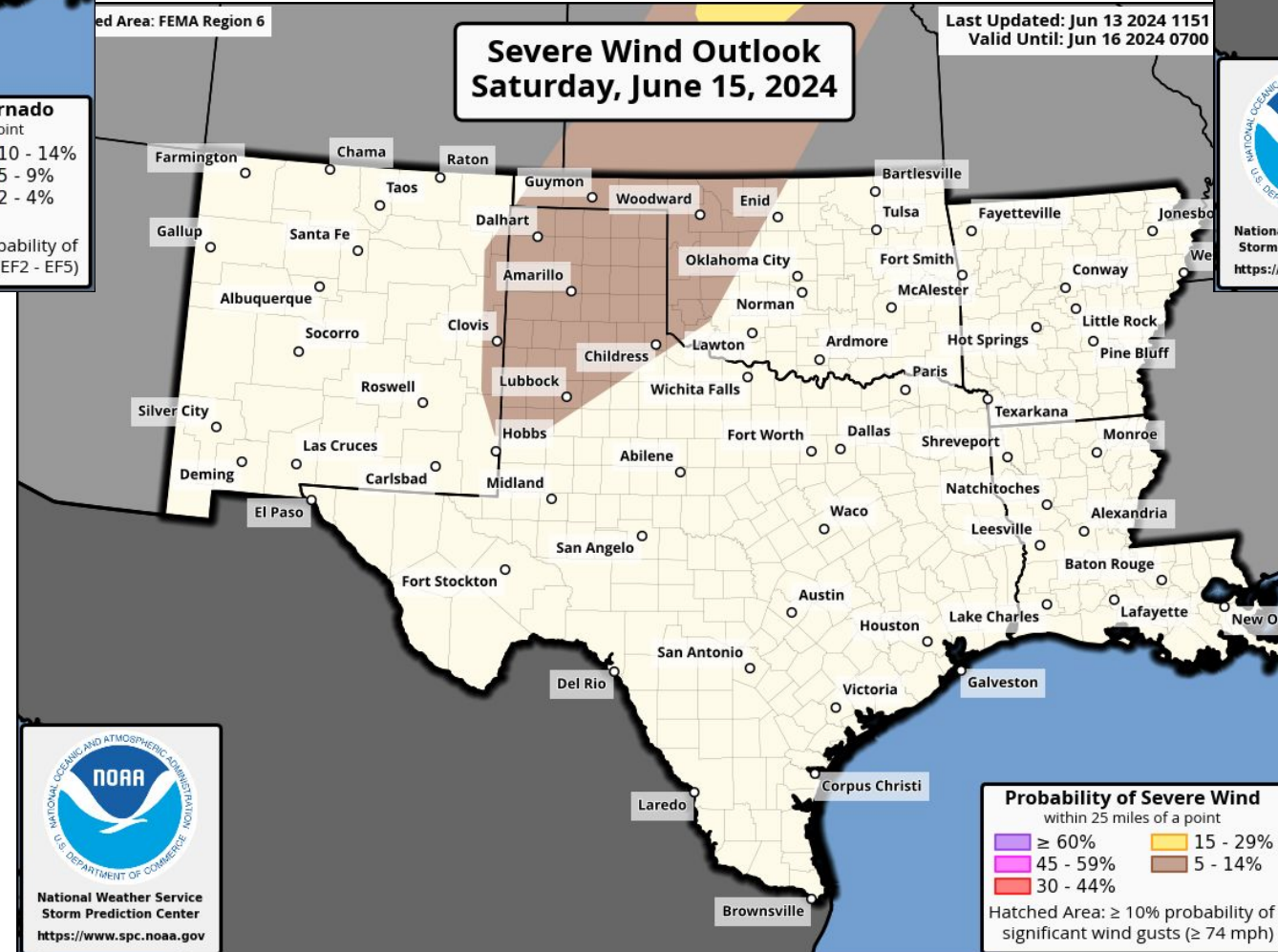
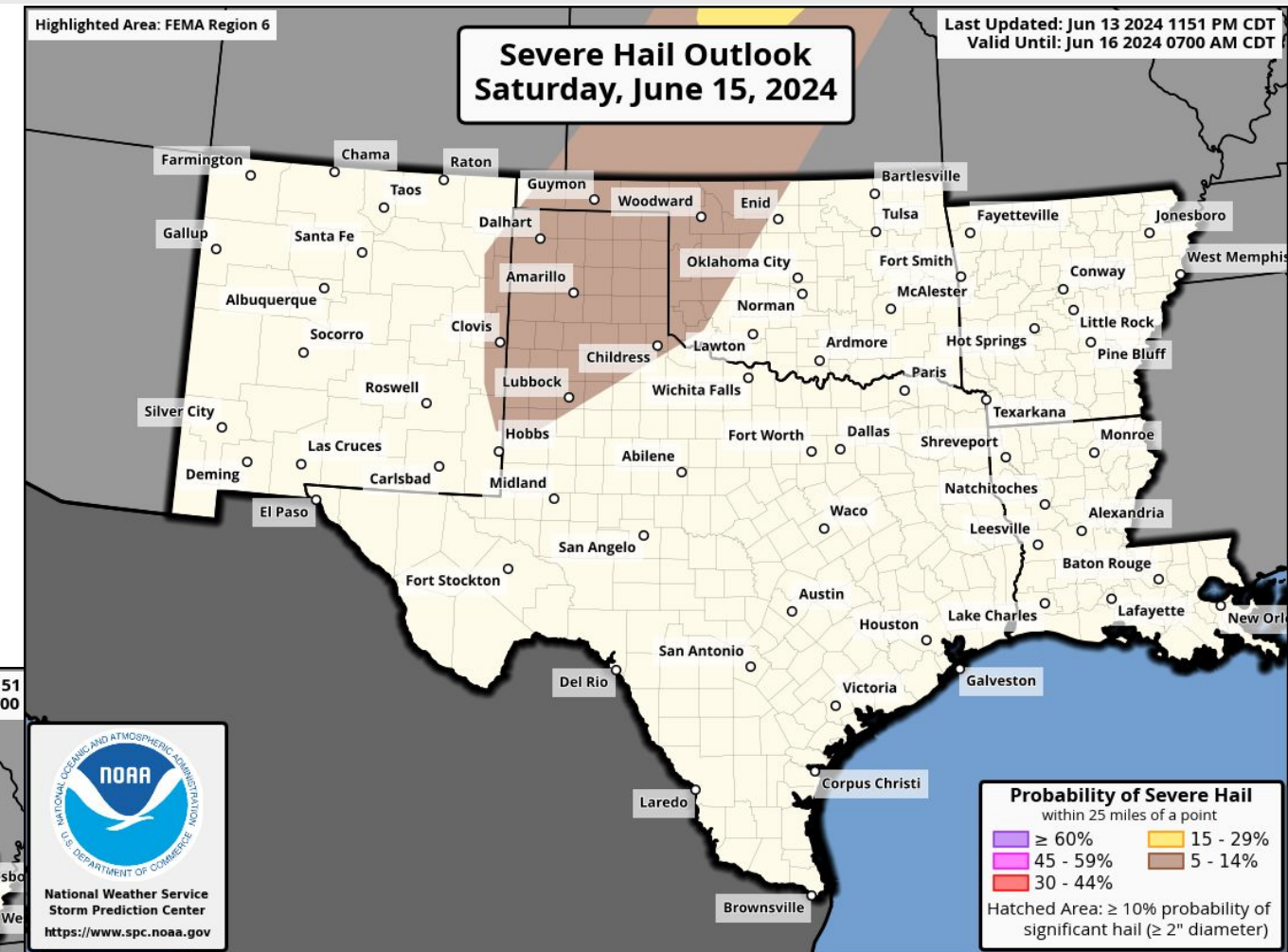
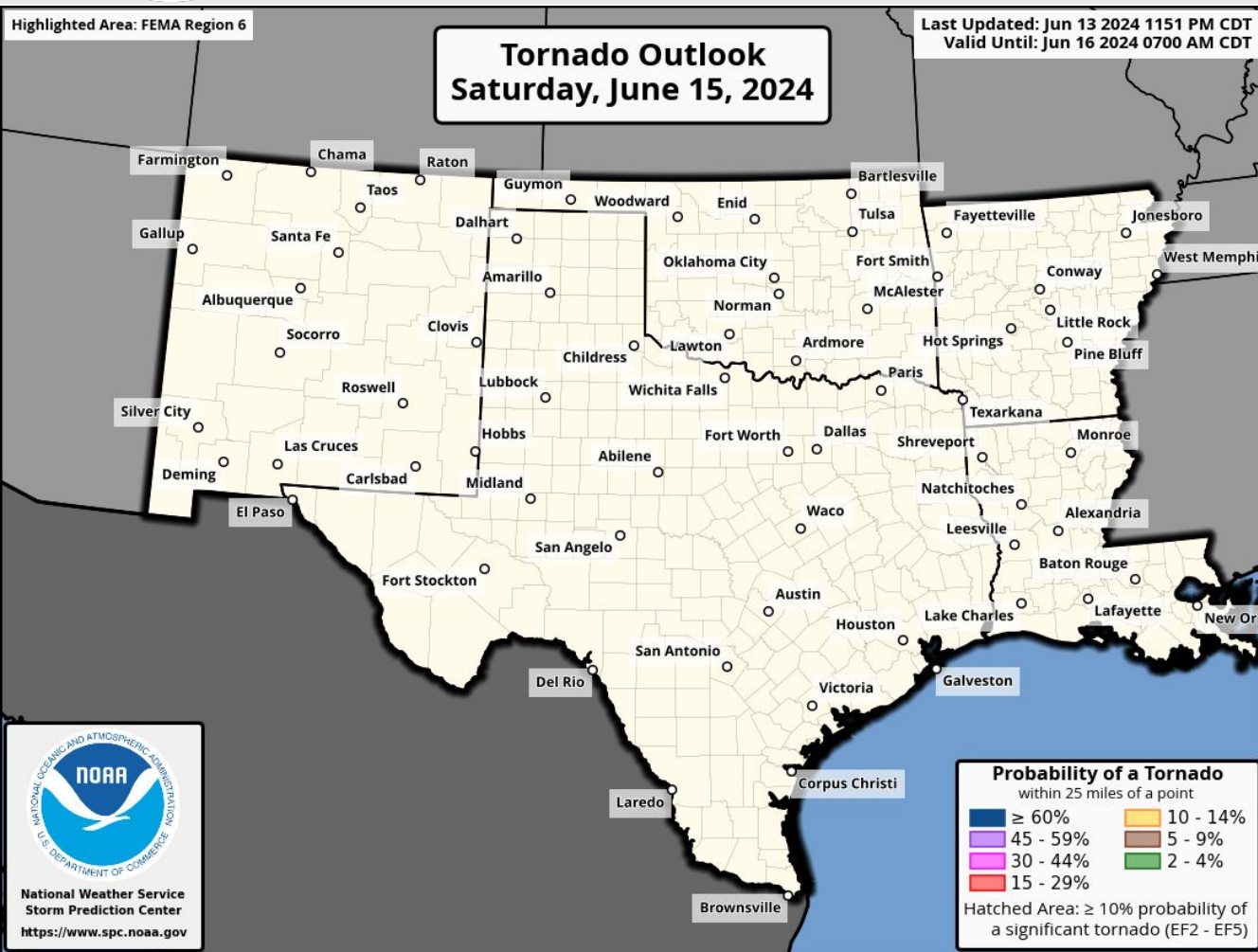


## Excessive Rainfall Outlook





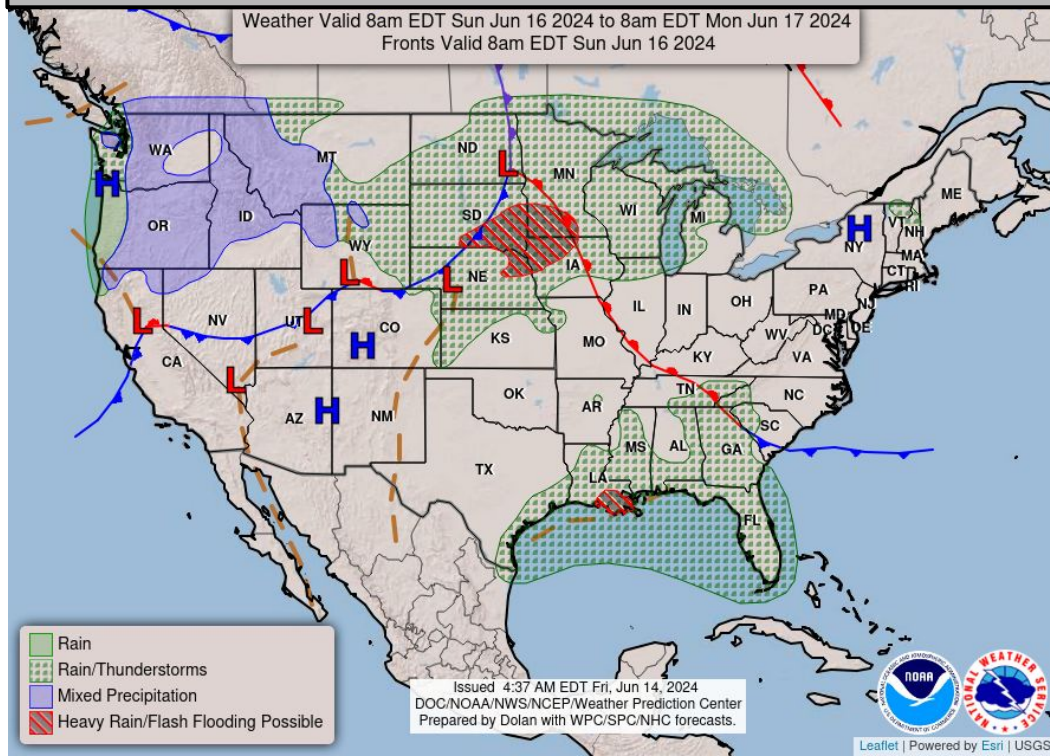
# Tomorrow's Tornado & Severe Wind / Hail Probabilities



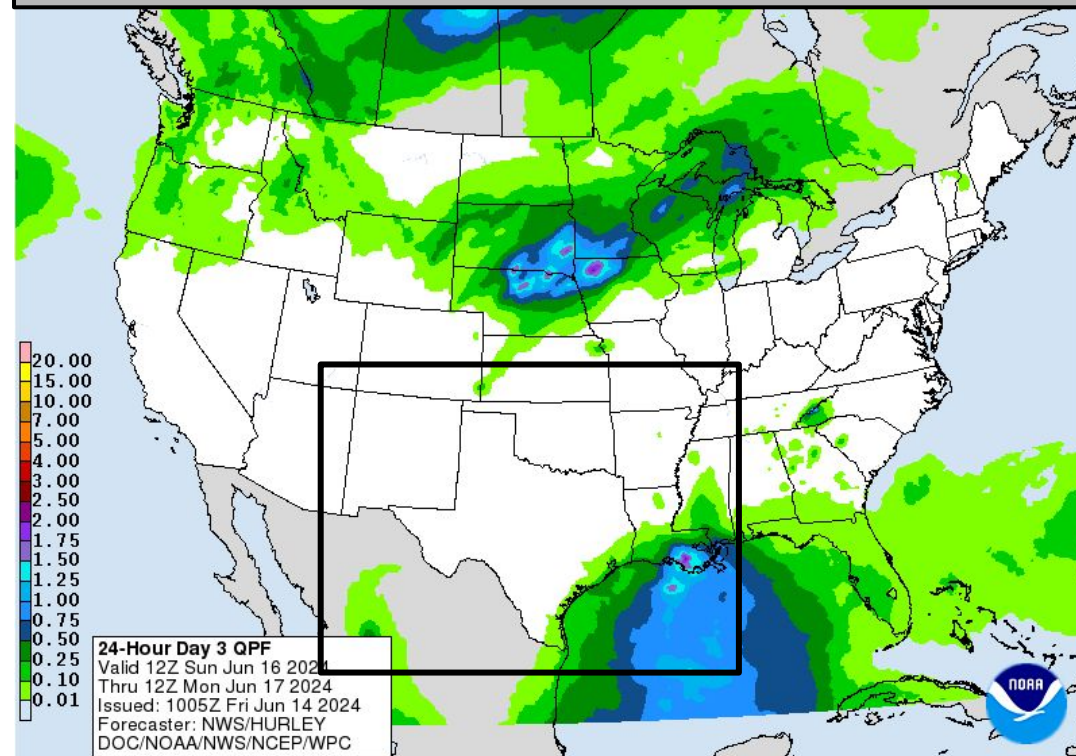


# Sunday's Weather

## Forecast Chart



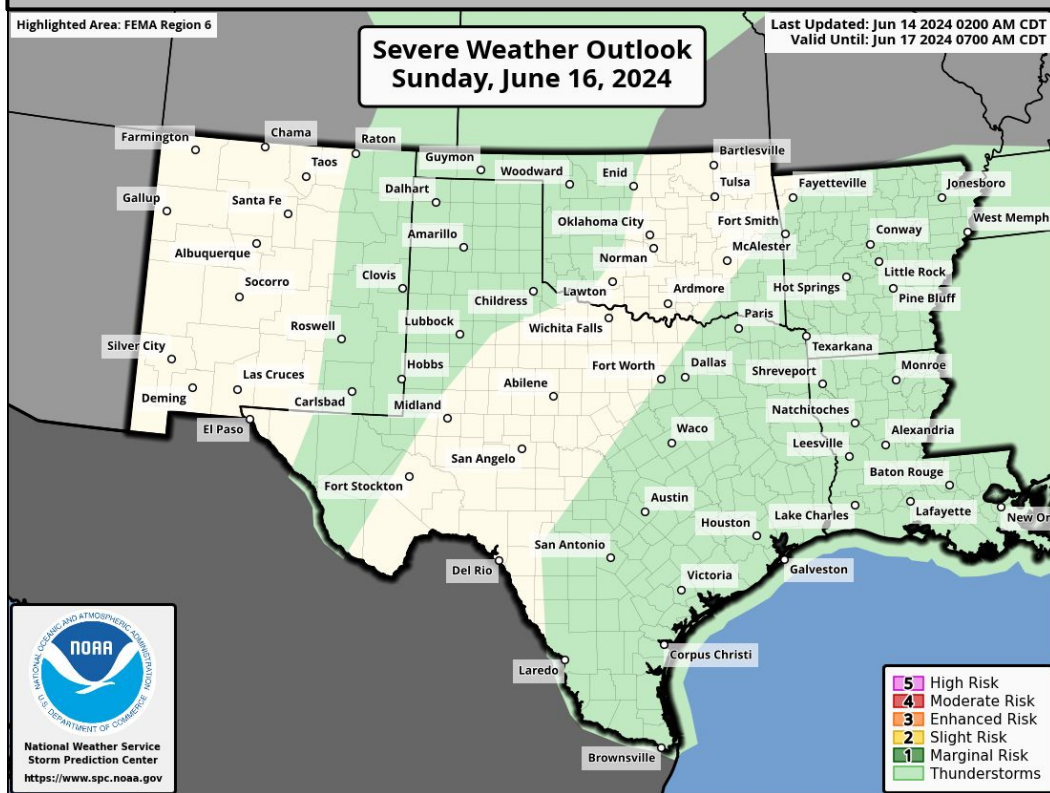
## Forecast Rainfall



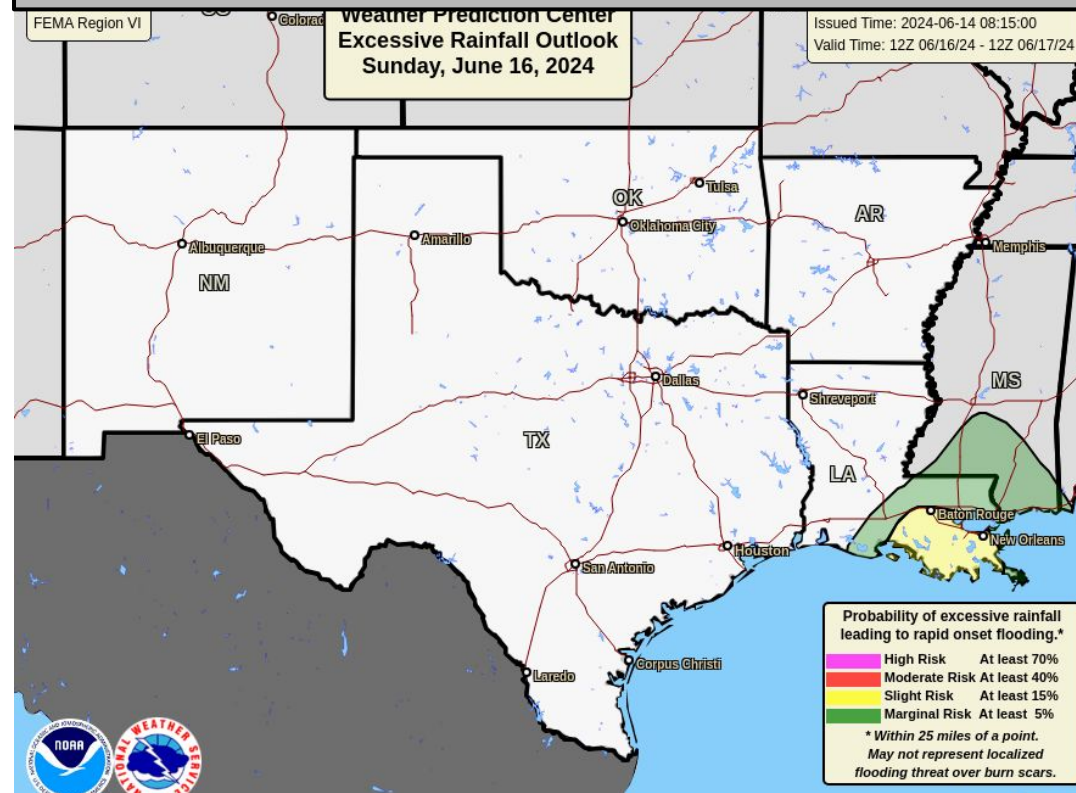
**Slight risk for heavy rainfall/flash flooding in SE LA.**

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

## Severe Weather Outlook



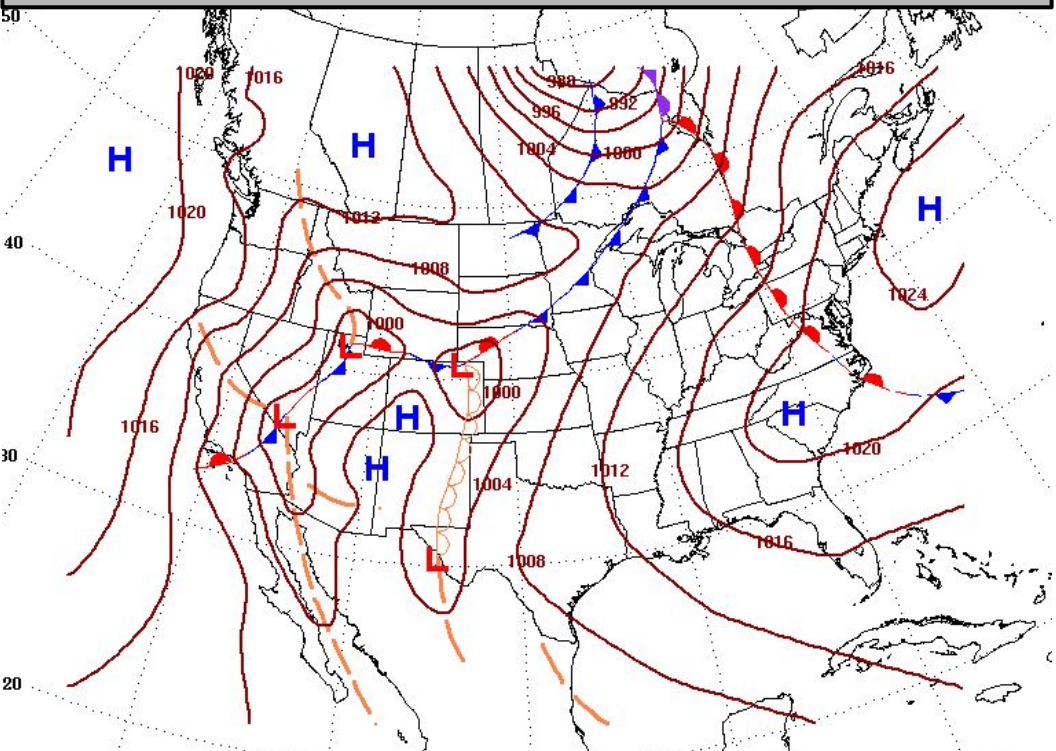
## Excessive Rainfall Outlook



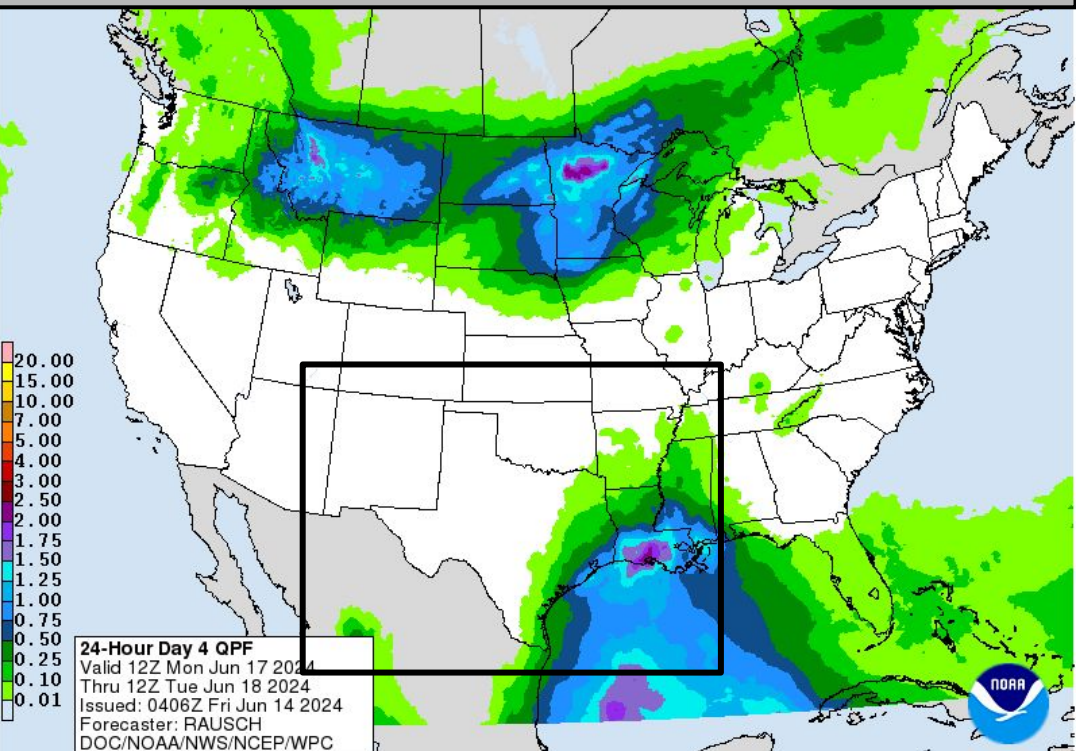


# Monday's Weather

### Forecast Chart



### Forecast Rainfall

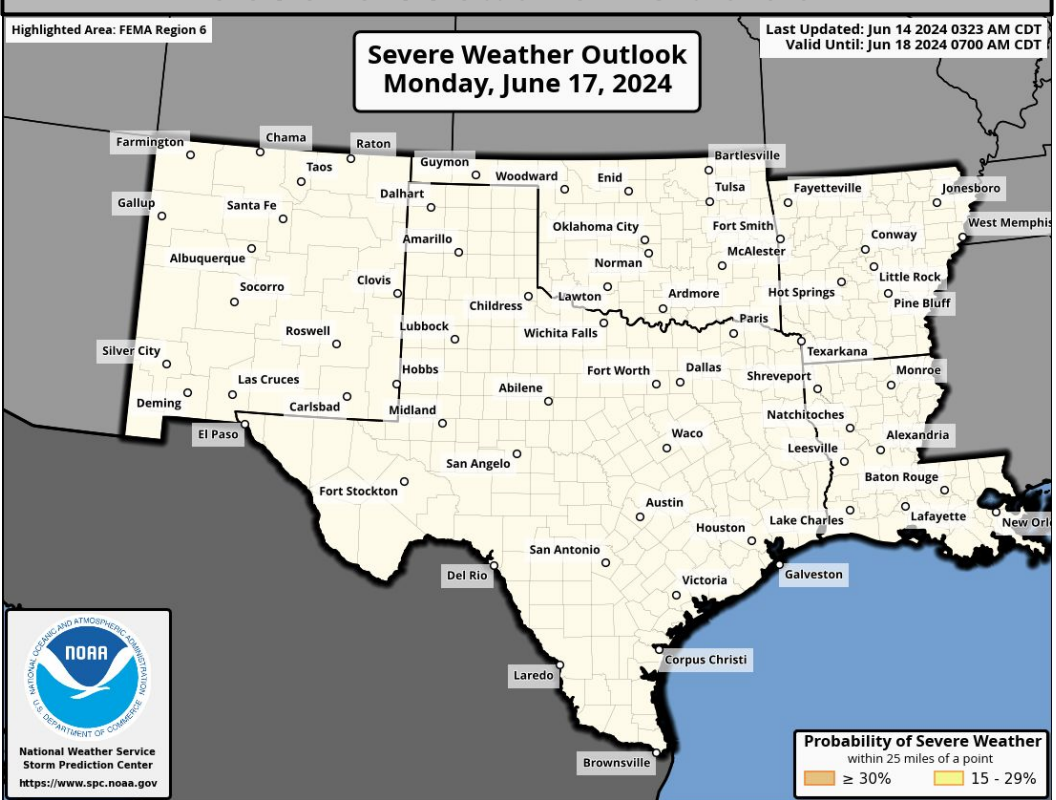


Elevated seas, tides and increased rip currents along with the potential for heavy rainfall along the TX coast.

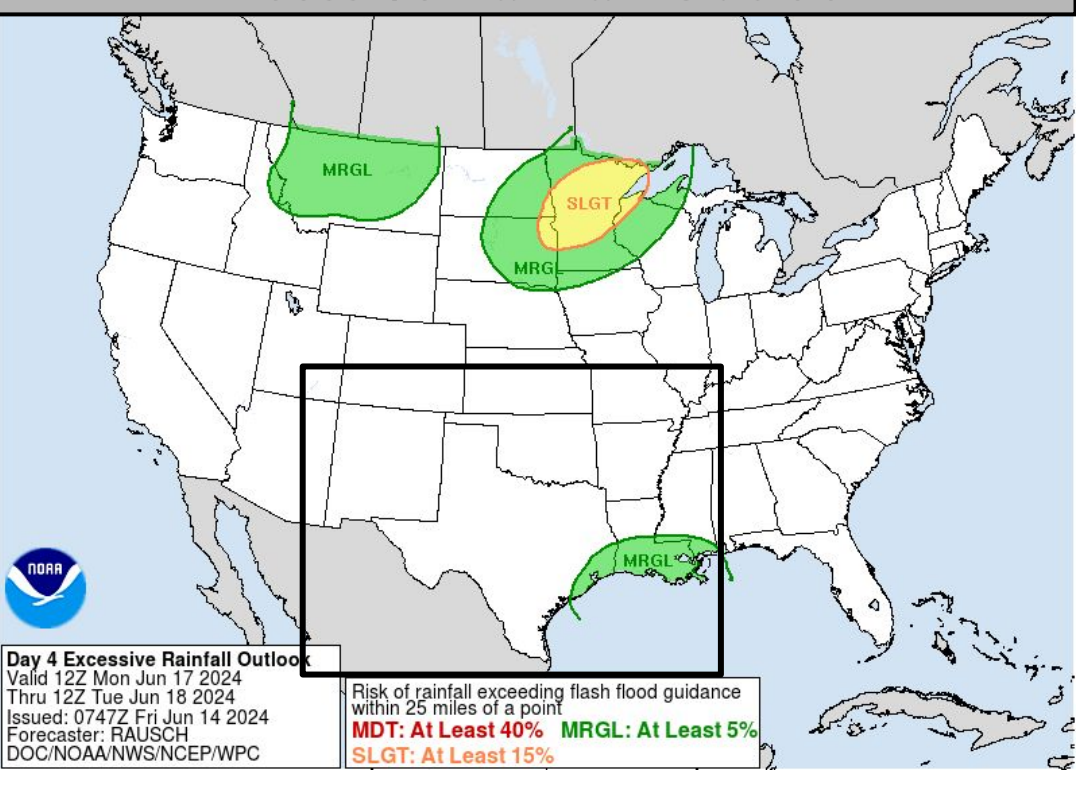
Marginal risk for heavy rainfall/flash flooding in SE TX, S LA.

Elevated to critical fire weather conditions across NW NM.

### Severe Weather Outlook



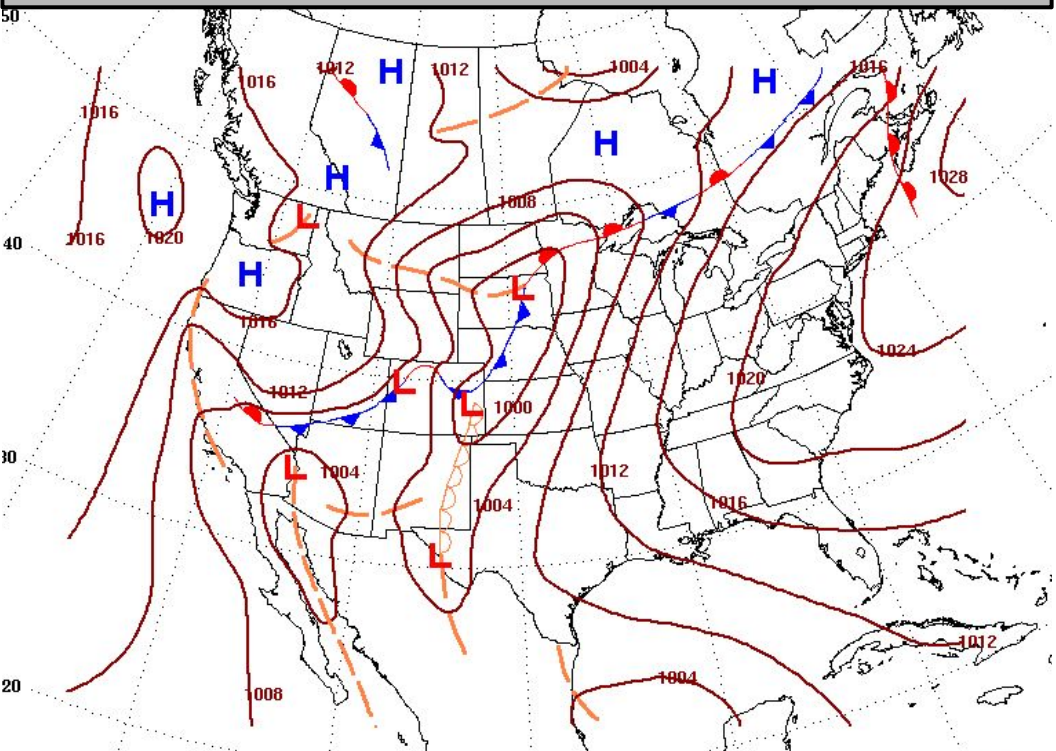
### Excessive Rainfall Outlook



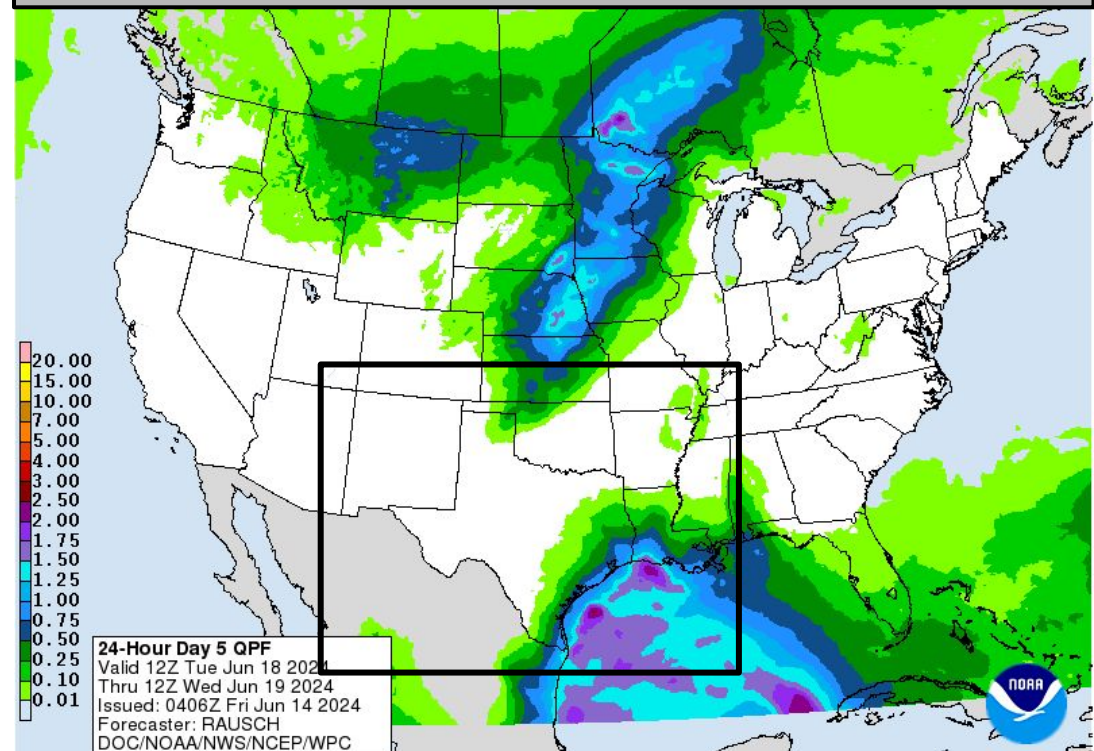


# Tuesday's Weather

### Forecast Chart



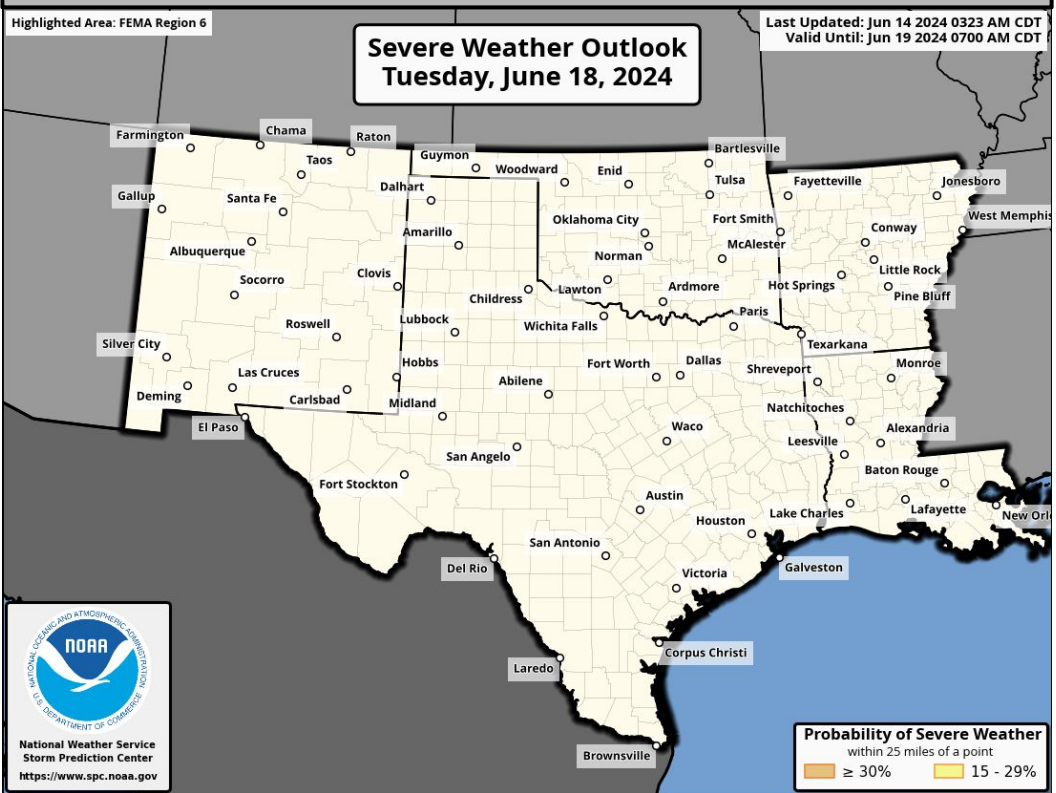
### Forecast Rainfall



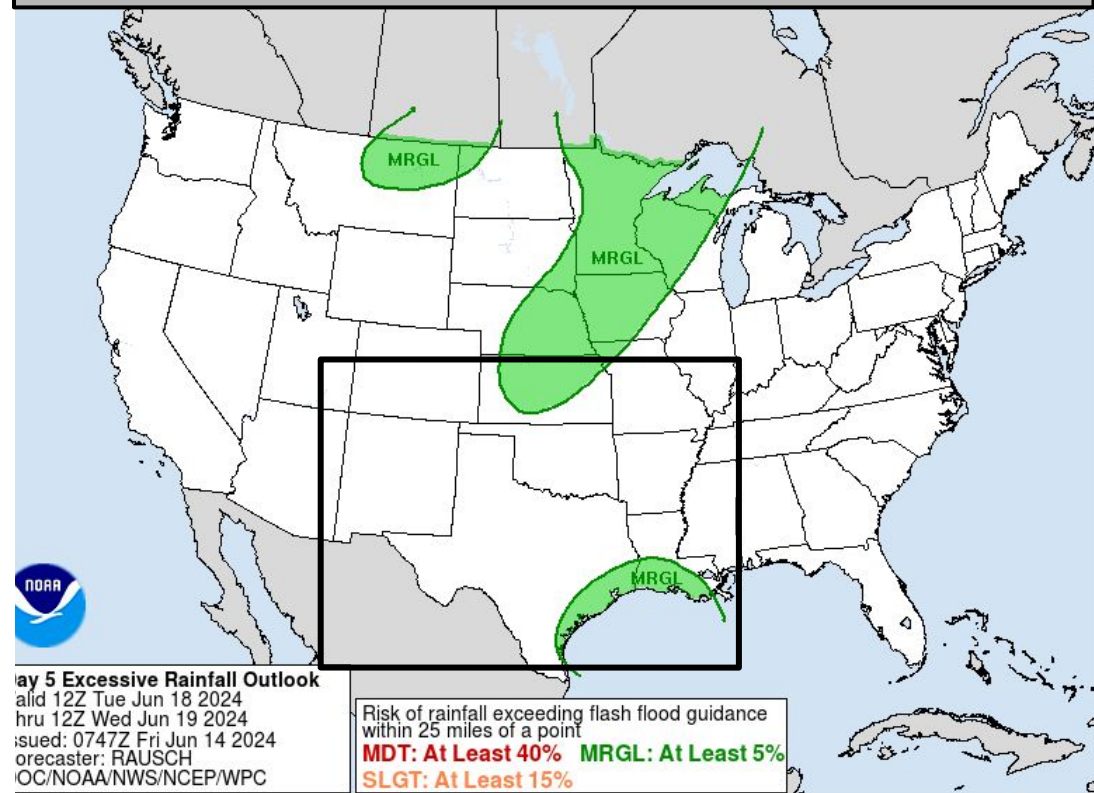
**Elevated seas, tides and increased rip currents along with the potential for heavy rainfall along the TX coast.**

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

### Severe Weather Outlook

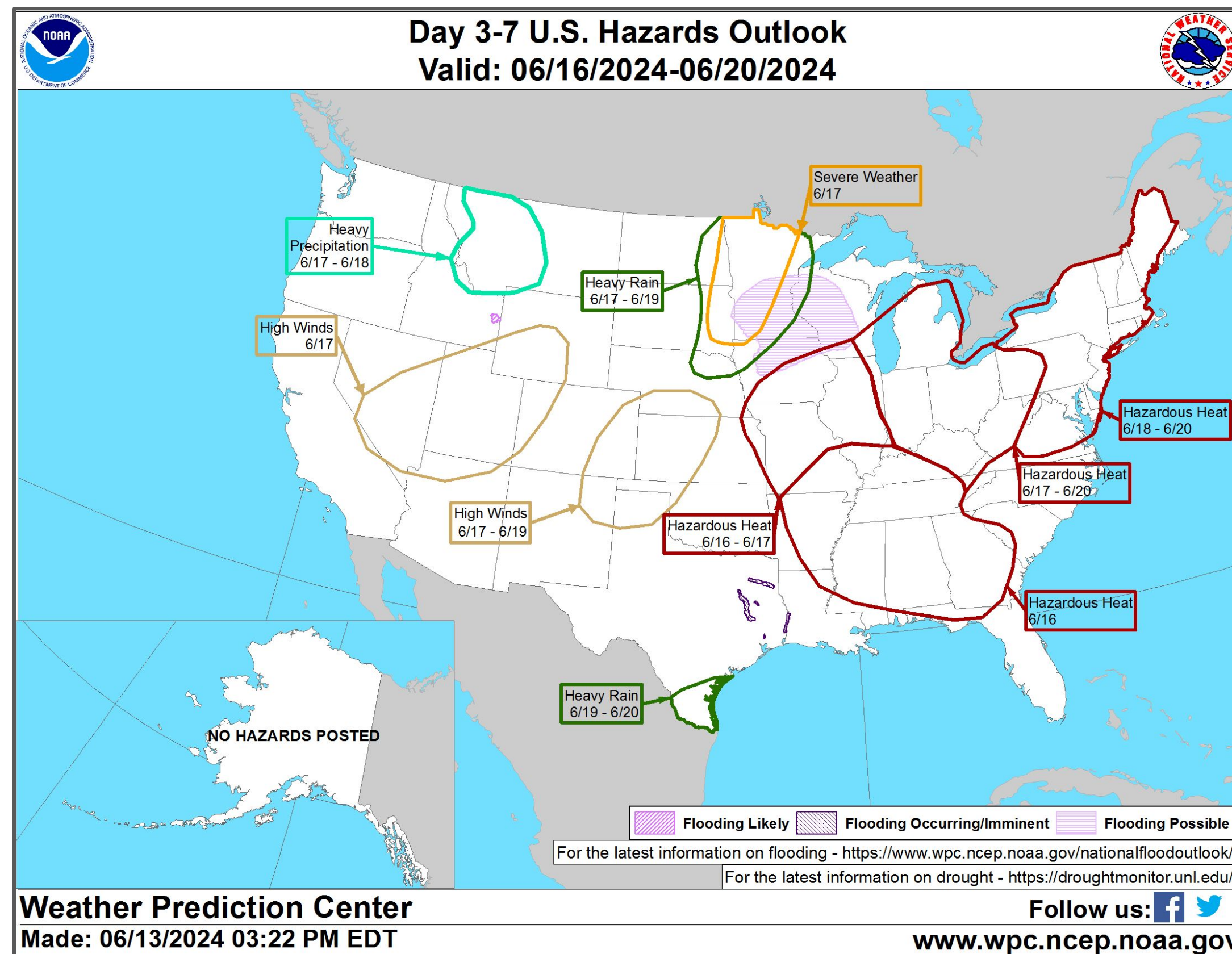


### Excessive Rainfall Outlook





# “Day 3-7” Hazards Outlook



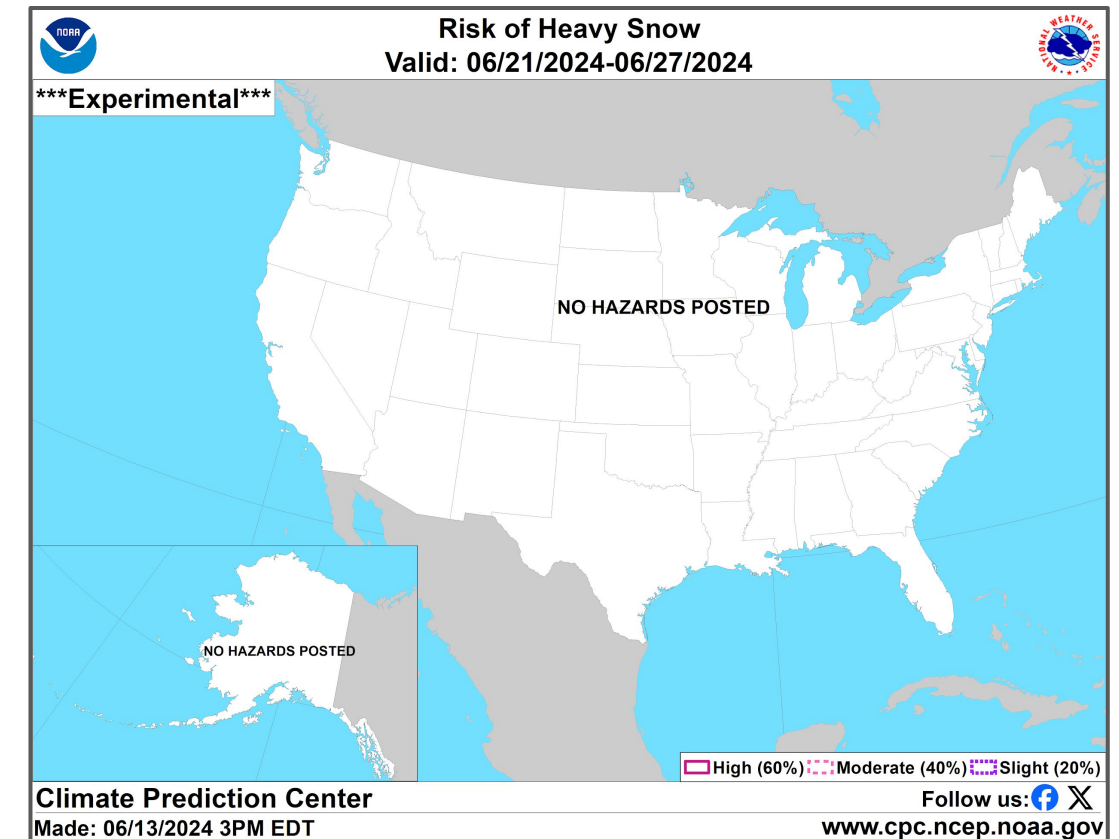
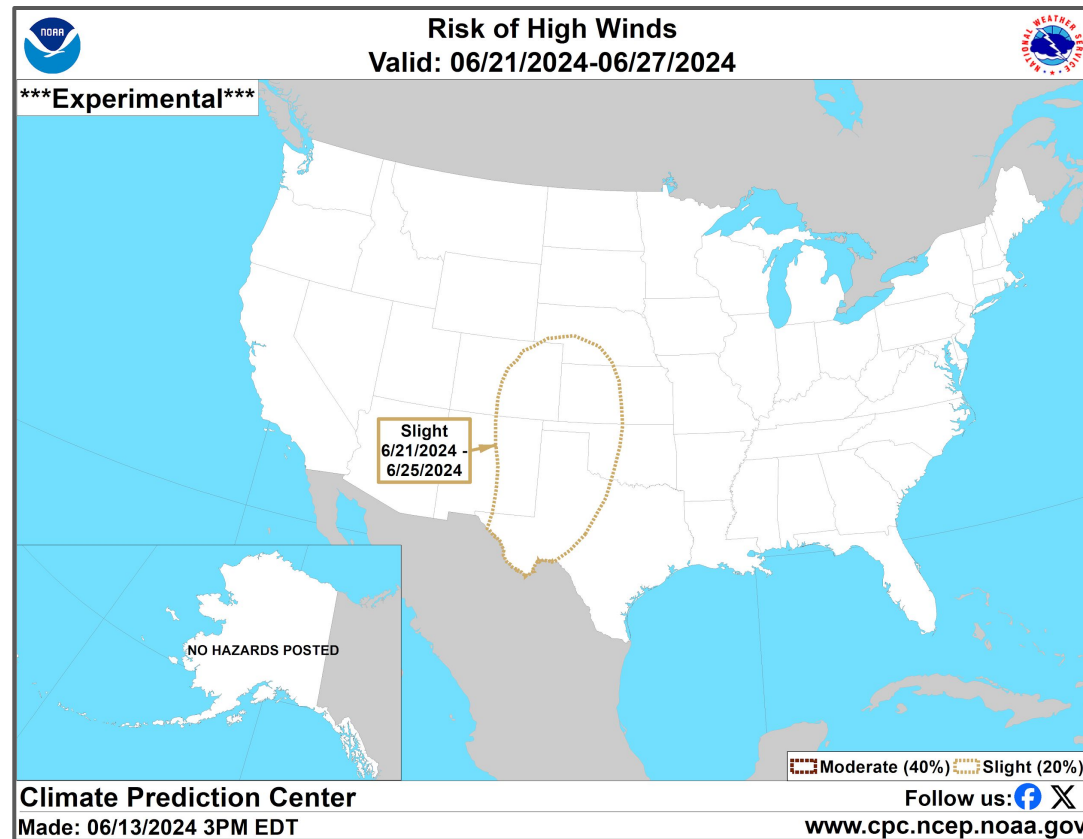
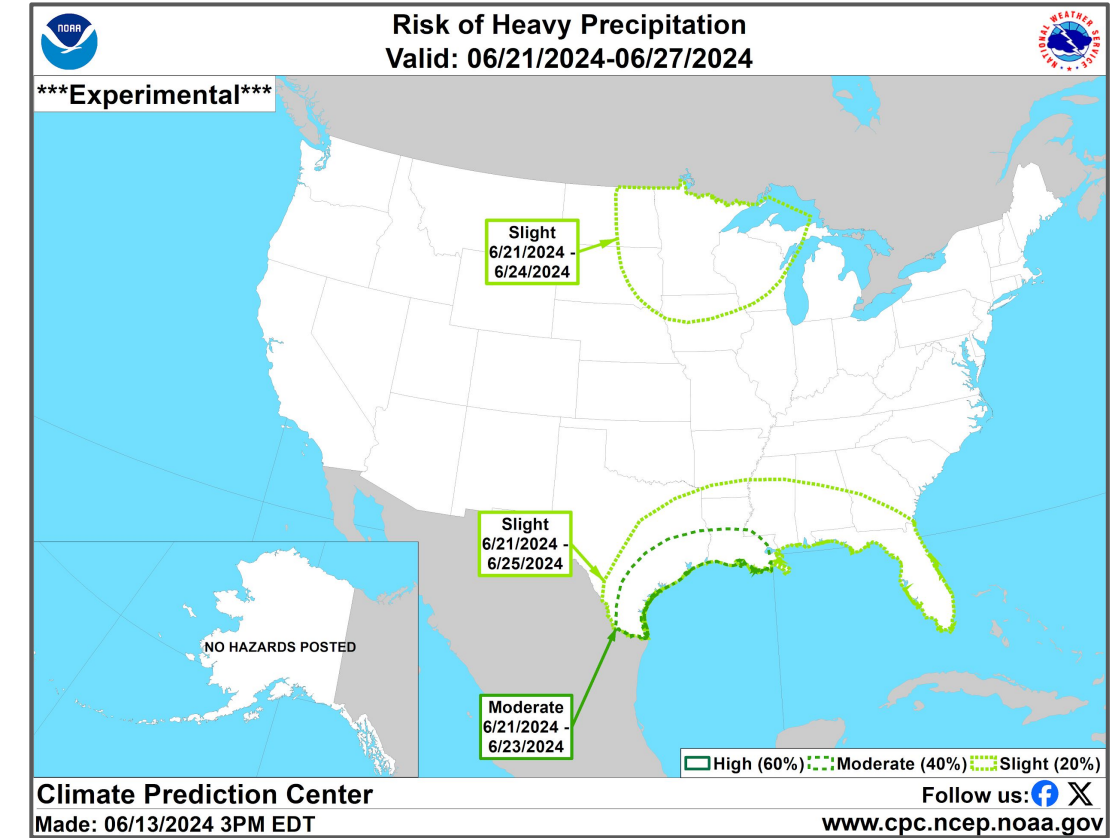
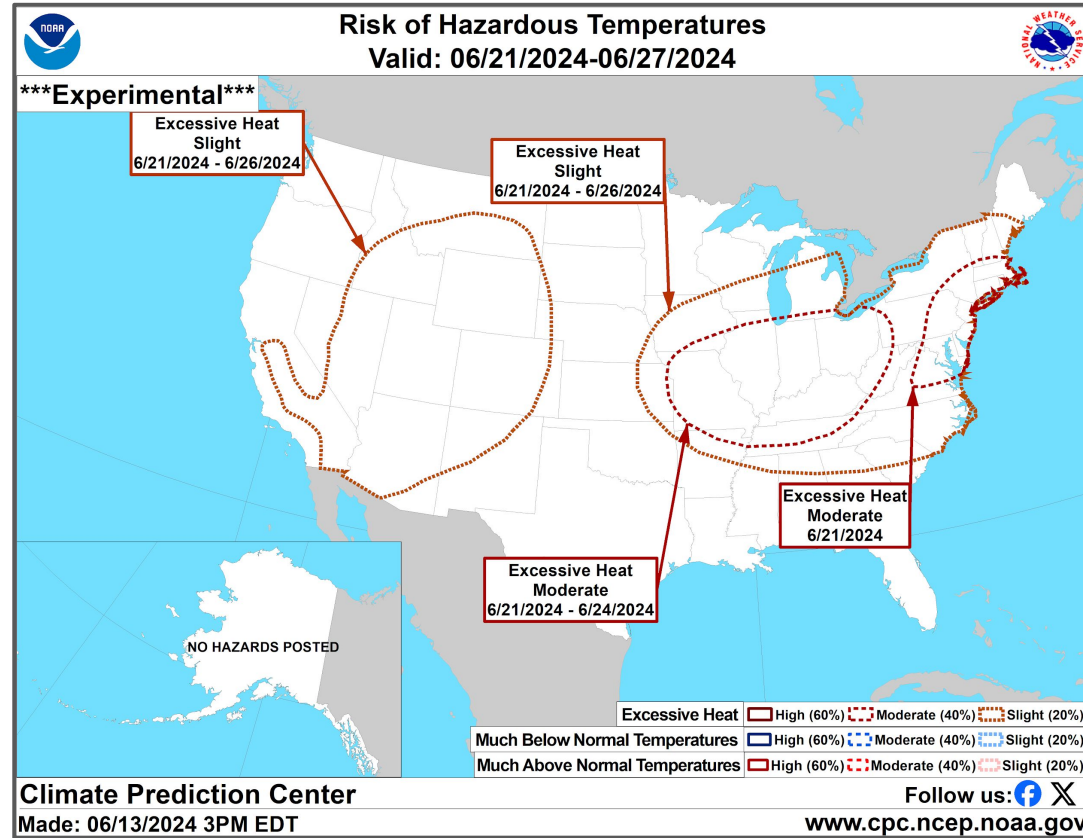
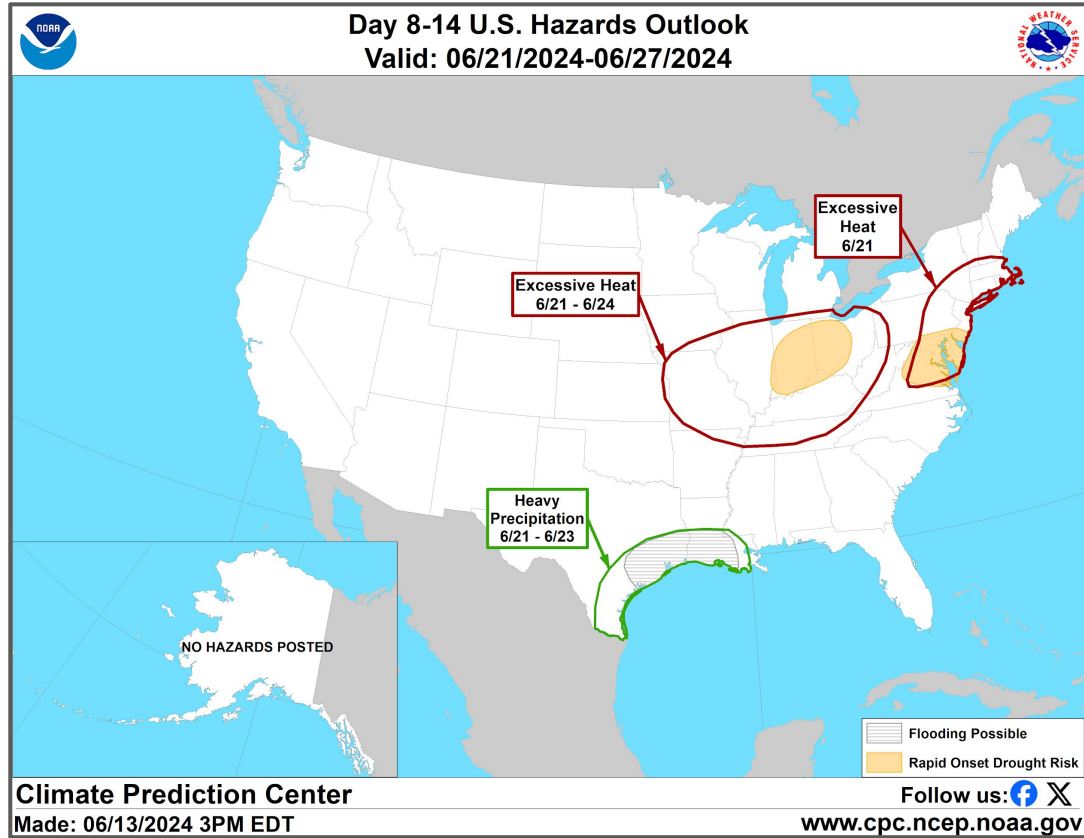
**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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

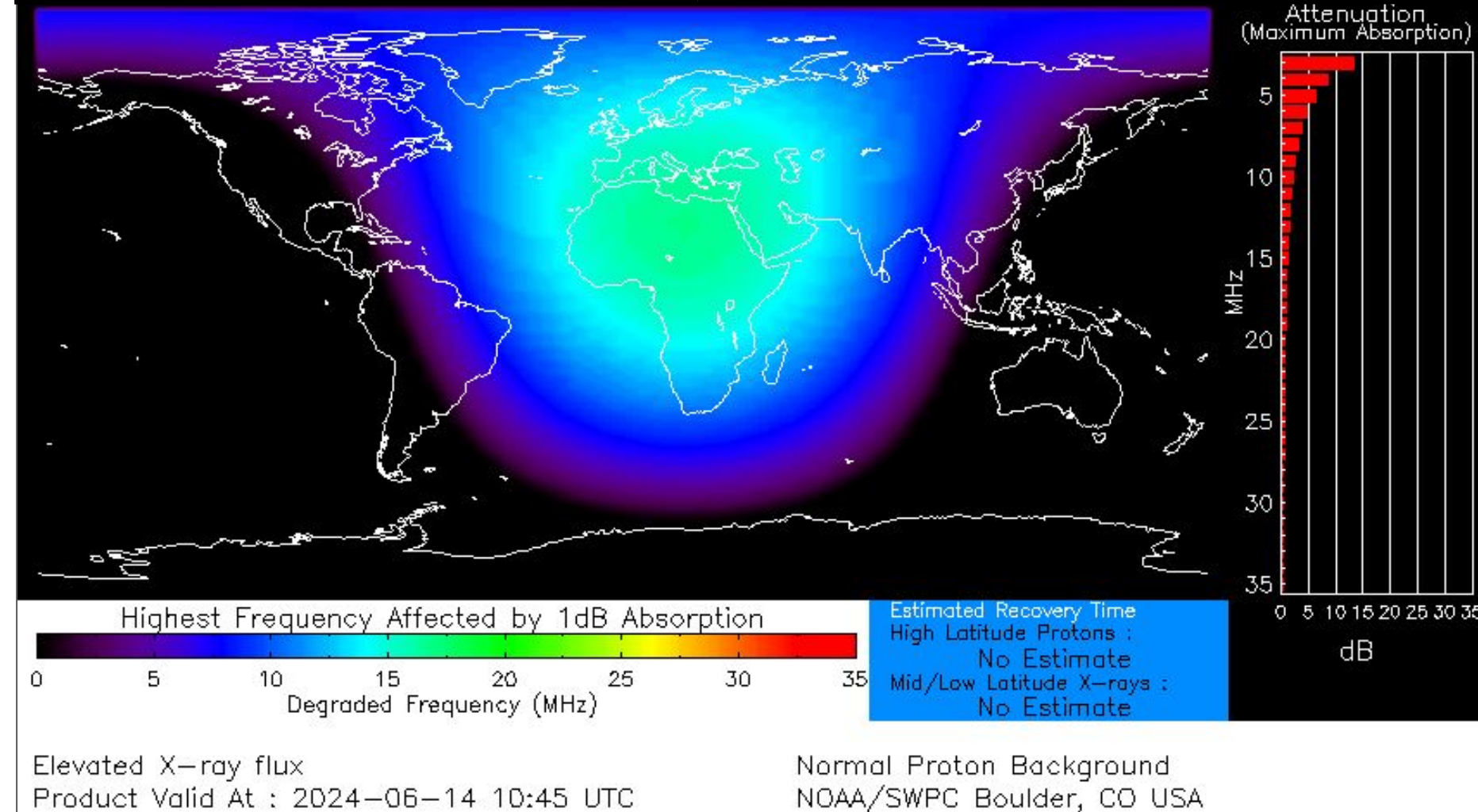
For additional information on this outlook go to <https://www.cpc.ncep.noaa.gov/products/predictions/threats/threats.php>





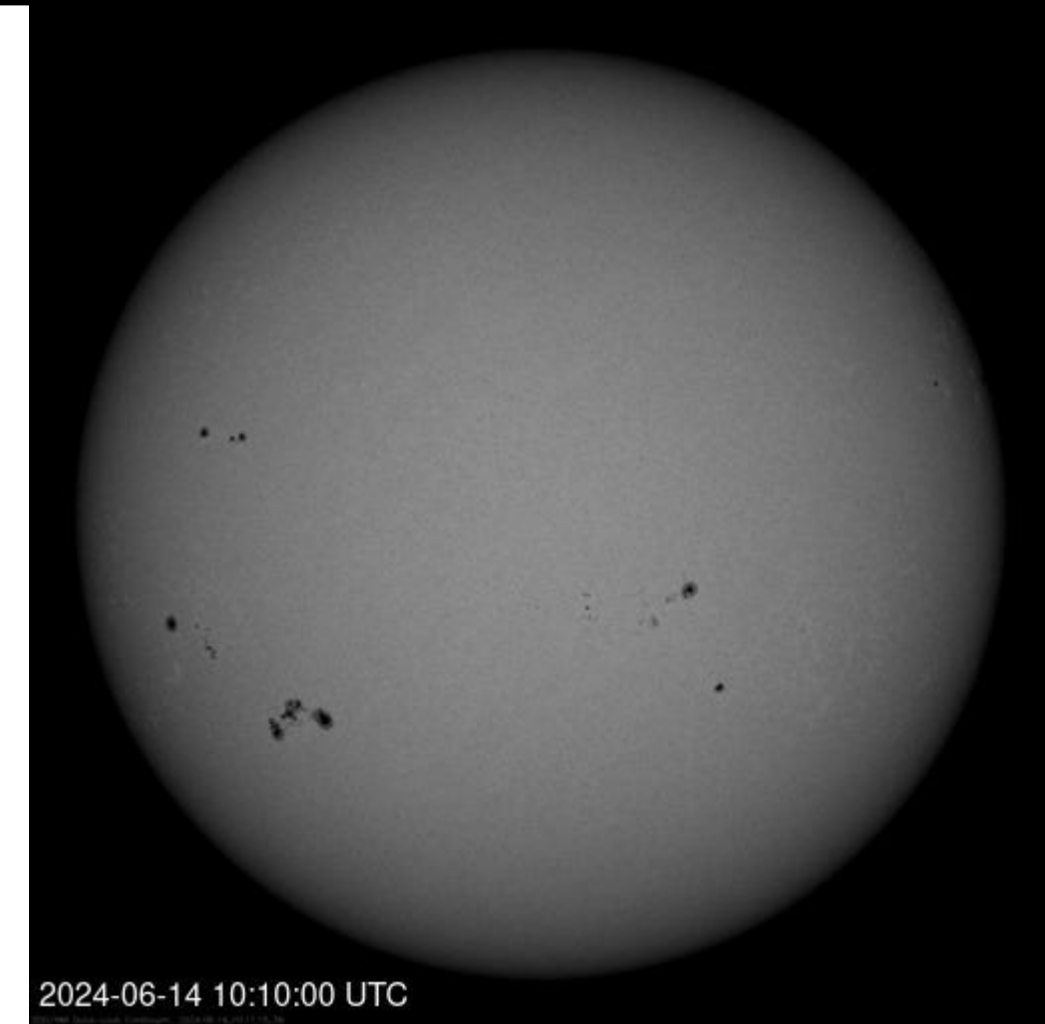
# Space Weather 3-Day Forecast

|                                      | Friday, Jun 14                | Saturday, Jun 15               | Sunday, Jun 16                    |
|--------------------------------------|-------------------------------|--------------------------------|-----------------------------------|
| <b>Geomagnetic Storms</b>            | <b>Quiet<br/>(Max Kp = 2)</b> | <b>Active<br/>(Max Kp = 4)</b> | <b>Unsettled<br/>(Max Kp = 3)</b> |
| <b>Solar Radiation Storm (S1-S5)</b> | <b>10%</b>                    | <b>1%</b>                      | <b>1%</b>                         |
| <b>Radio Blackout (R1-R2)</b>        | <b>35%</b>                    | <b>35%</b>                     | <b>35%</b>                        |
| <b>Radio Blackout (R3-R5)</b>        | <b>5%</b>                     | <b>5%</b>                      | <b>5%</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<br/>Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>                                      | Severe: Marginal Risk from SPC<br>Flooding: Minor flooding expected over localized areas<br>Tropical: None<br>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<br/>Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>   | Severe: Slight Risk from SPC<br>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br>Tropical: A weak tropical wave expected to move towards or near any coastline<br>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<br/>Impact Potential: Typically Results in Minor Disruption to Daily Life</p>                                | Severe: Enhanced Risk from SPC<br>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br>Tropical: A Tropical Storm expected to move towards or near any coastline<br>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<br/>Impact Potential: Will likely result in Large Disruption to Daily Life</p>                        | Severe: Moderate Risk from SPC<br>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br>Tropical: A Hurricane expected to move towards or near any coastline<br>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<br/>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p> | Severe: High Risk from SPC<br>Flooding: Major flooding expected over a widespread area (including urban locations)<br>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br>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

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**Twitter:** NWSSouthern



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

