



# FEMA



Prepared by  
*Christina Barron*

# FEMA Region 6 Weather Threat Briefing

Tuesday, May 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

- **Moderate Risk for heavy rain/flash flooding for E/SE TX, LA on Thursday, Slight Risk for LA on Friday.**
- **Slight risk for severe storms across TX Thursday, moving into LA on Friday.**
- **Elevated fire weather Wednesday for S NM, far W TX**
- **Moderate to isolated major river flooding continues across E/SE TX, with minor river flooding across LA.**



# FEMA Region 6 Threat Matrix

Next 5 Days

|                             | Tuesday, May 14 | Wednesday, May 15                  | Thursday, May 16 | Friday, May 17 | Saturday, May 18 |
|-----------------------------|-----------------|------------------------------------|------------------|----------------|------------------|
| Severe Storms               | NW TX/Panhandle | OK/TX Panhandles                   | N/Ctrl TX        | LA             |                  |
| Heavy Rain / Flash Flooding |                 | OK, NW/N/Ctrl TX, OK/TX Panhandles | E/SE TX, LA      | LA             |                  |
| Fire Weather                |                 | S NM, far W TX                     |                  |                |                  |
| Wind                        |                 |                                    |                  |                |                  |
| Heat                        |                 |                                    |                  |                |                  |
| River Flooding              | E/SETX          | E/SETX                             | E/SETX           | E/SETX         | E/SETX           |

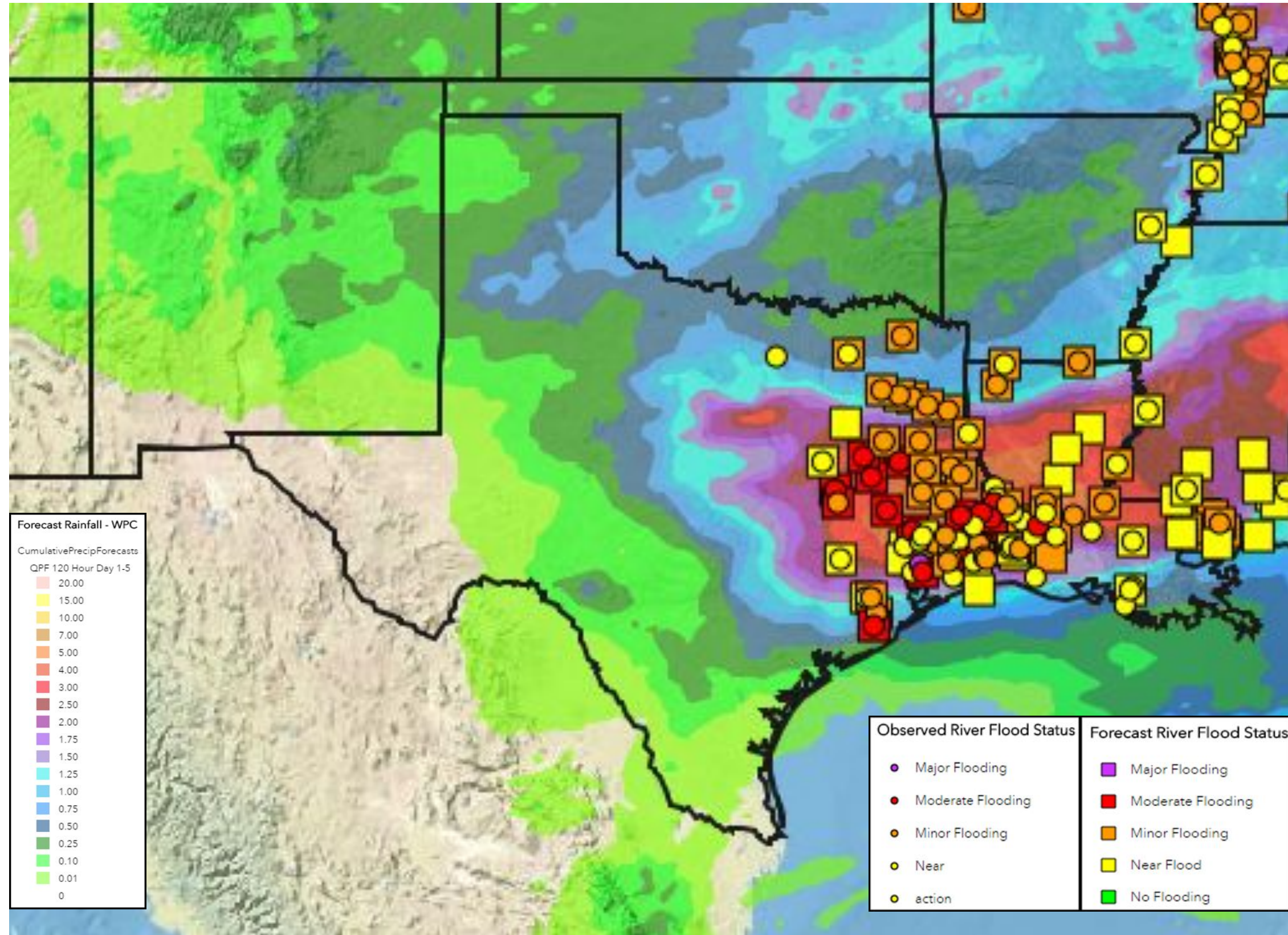
*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

|             |                |       |          |       |         |
|-------------|----------------|-------|----------|-------|---------|
| Risk Levels | Little to None | Minor | Moderate | Major | Extreme |
|-------------|----------------|-------|----------|-------|---------|



# 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*



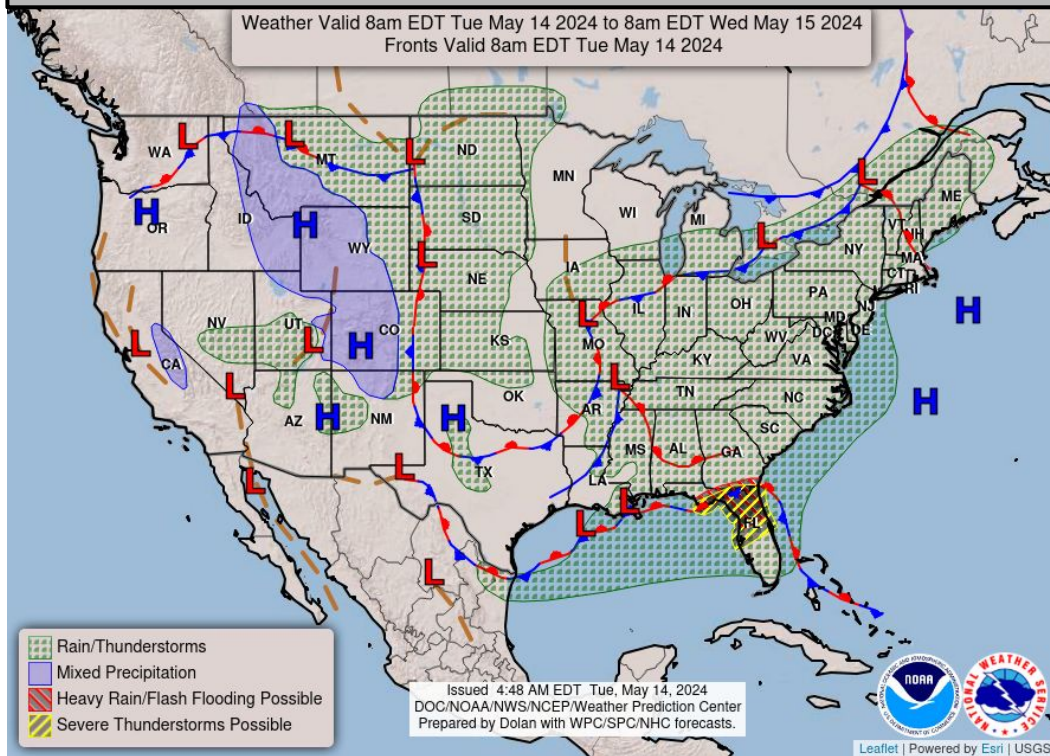
**Moderate to Isolated Major river flooding continues across E/SE TX into next week. Homes, roads, and agricultural areas are flooded. Minor river flooding is expected over LA.**



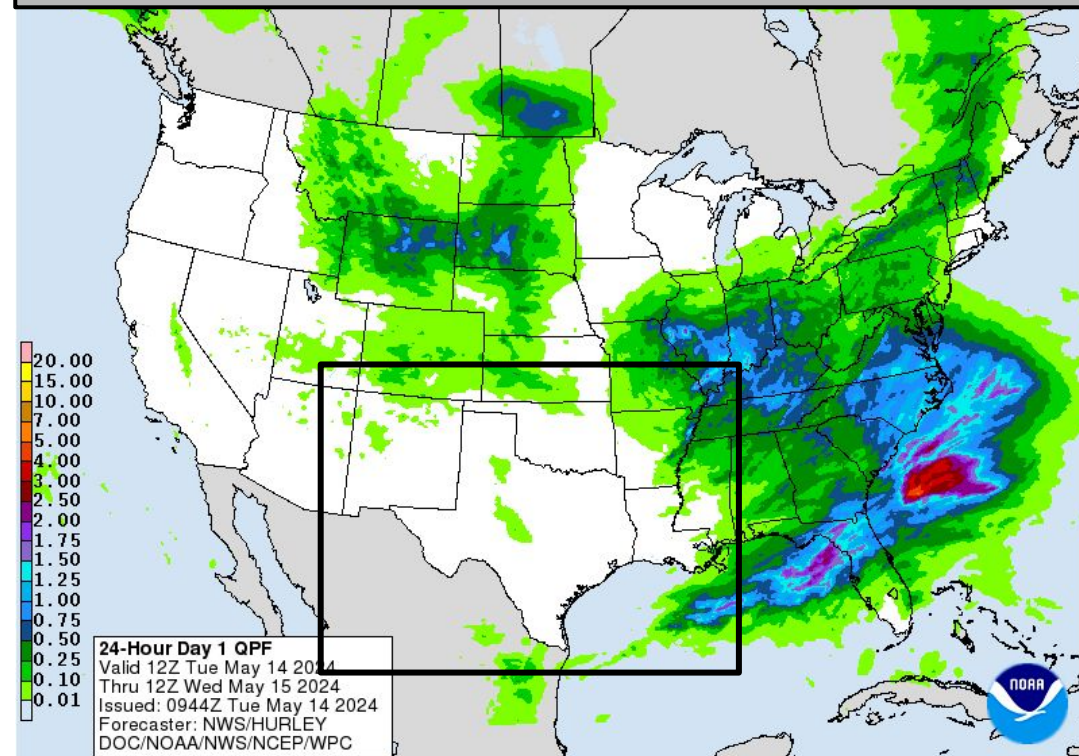


# Today's Weather

## Forecast Chart

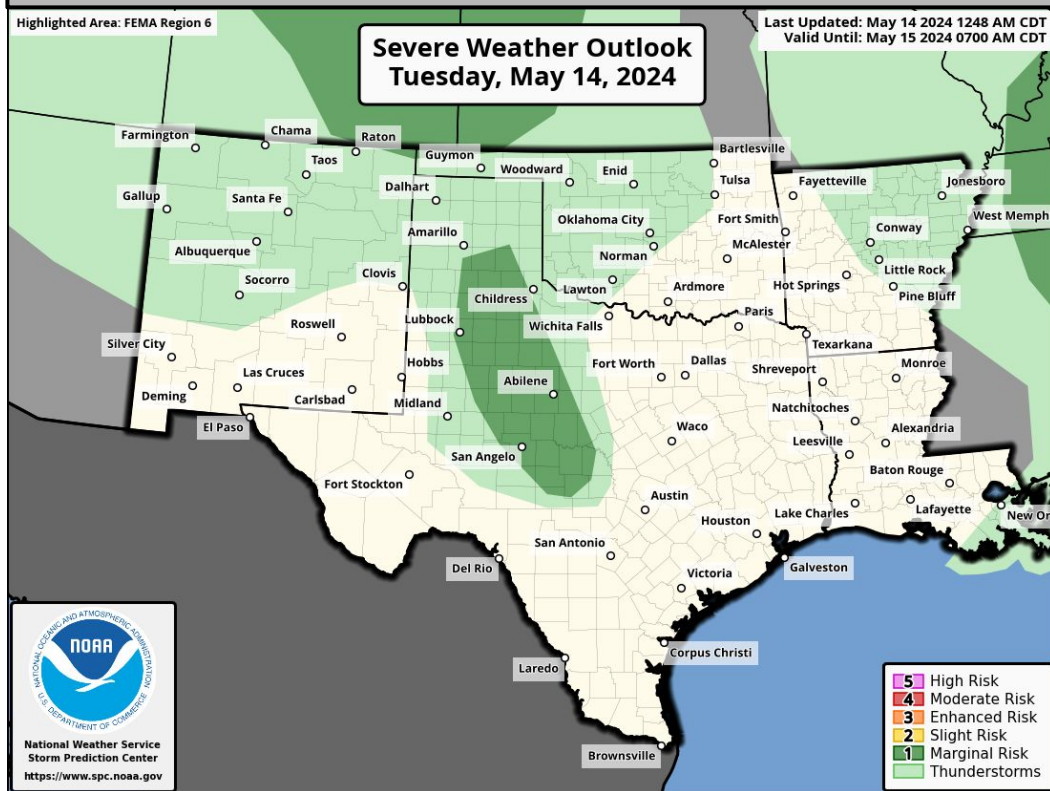


## Forecast Rainfall

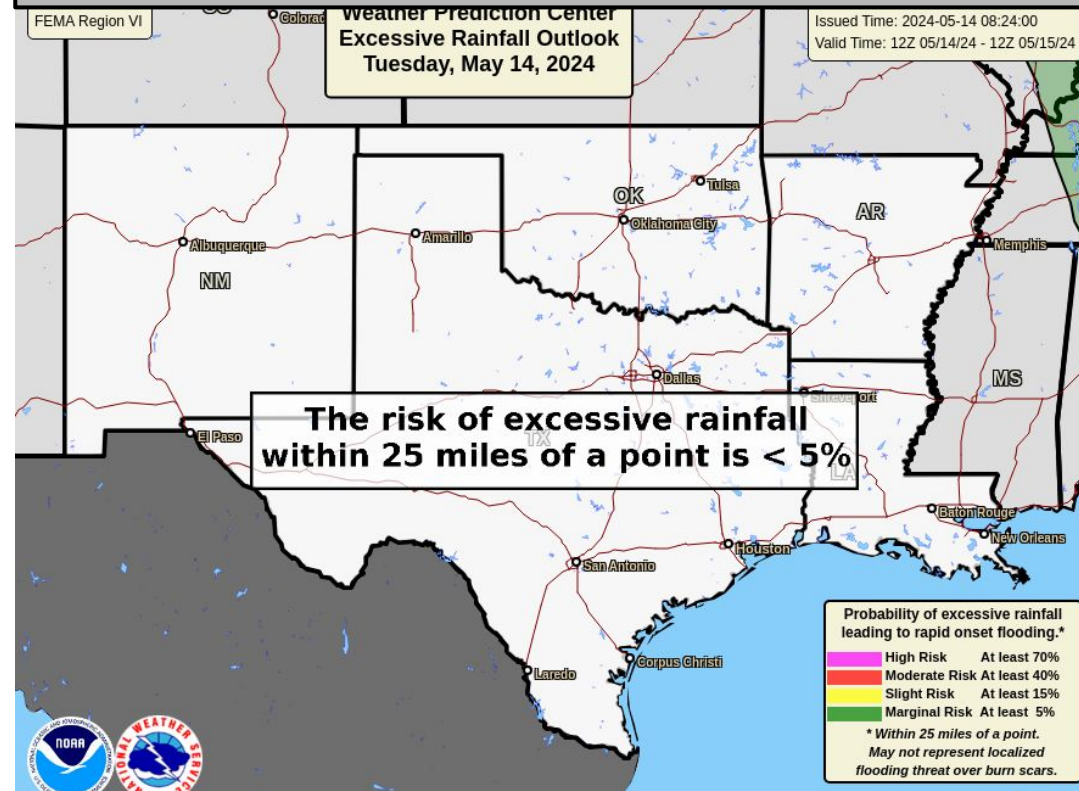


**Marginal risk of severe storms  
NW TX/Panhandle**

## Severe Weather Outlook



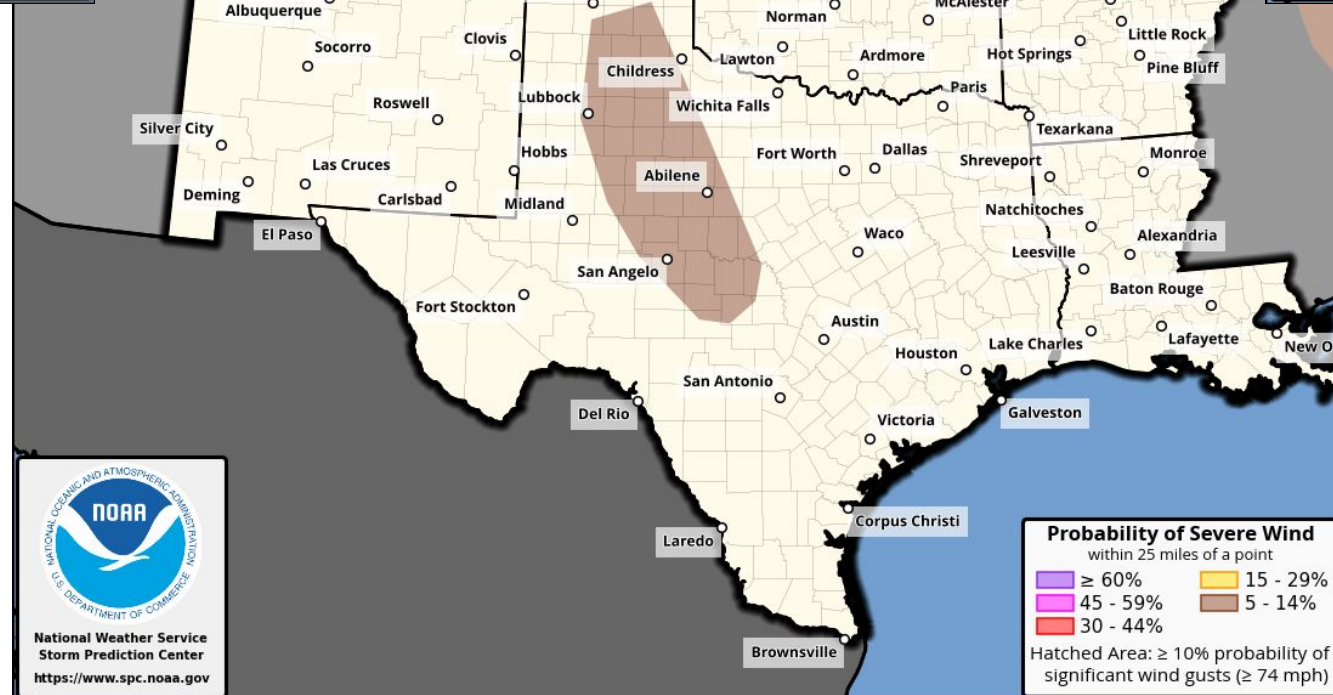
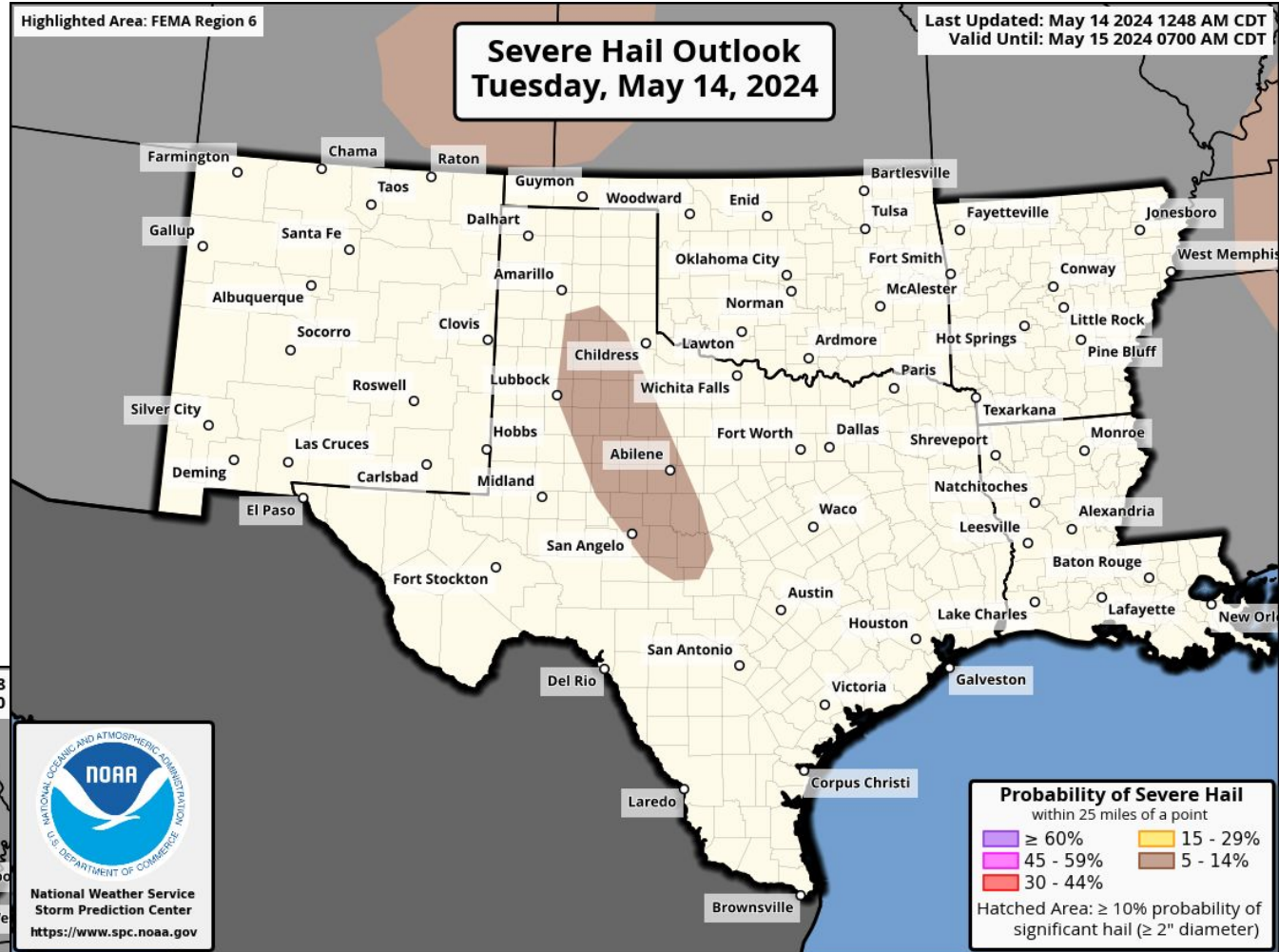
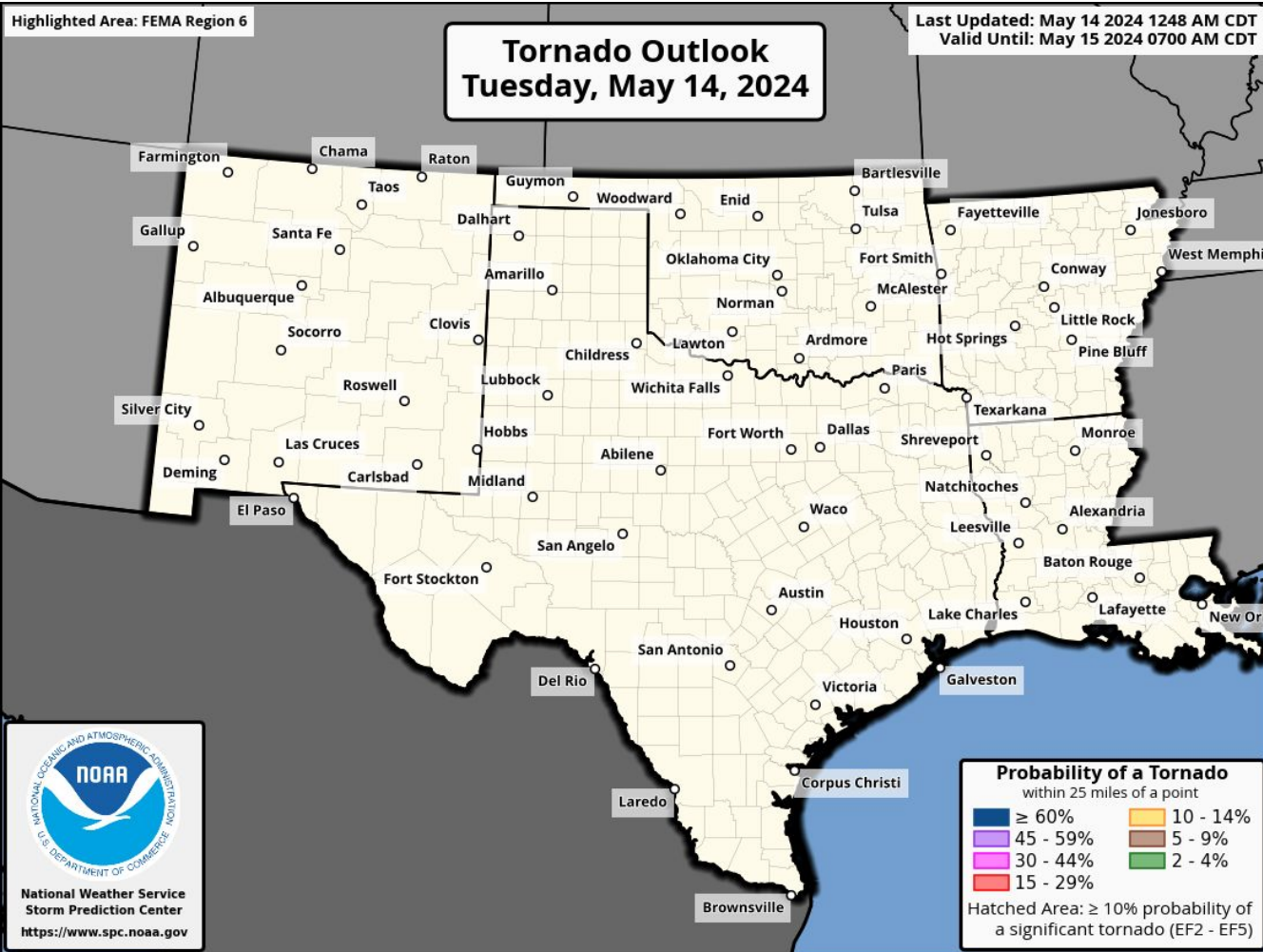
## Excessive Rainfall Outlook





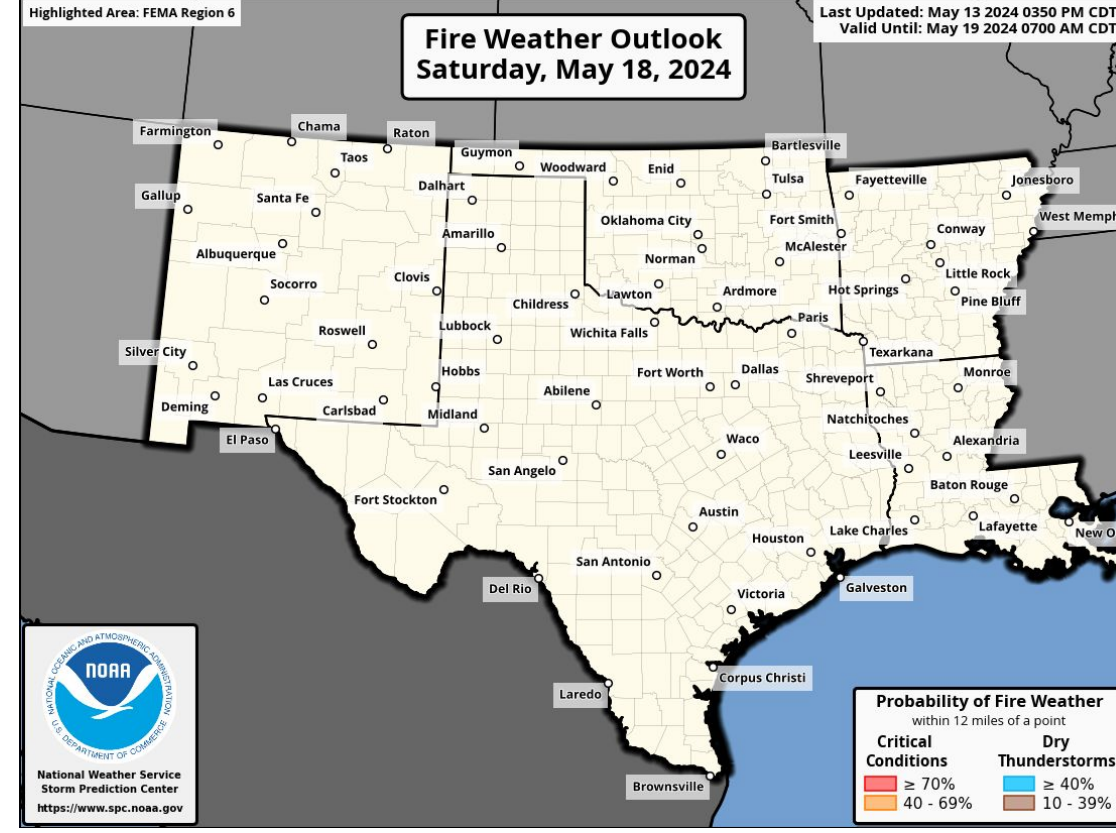
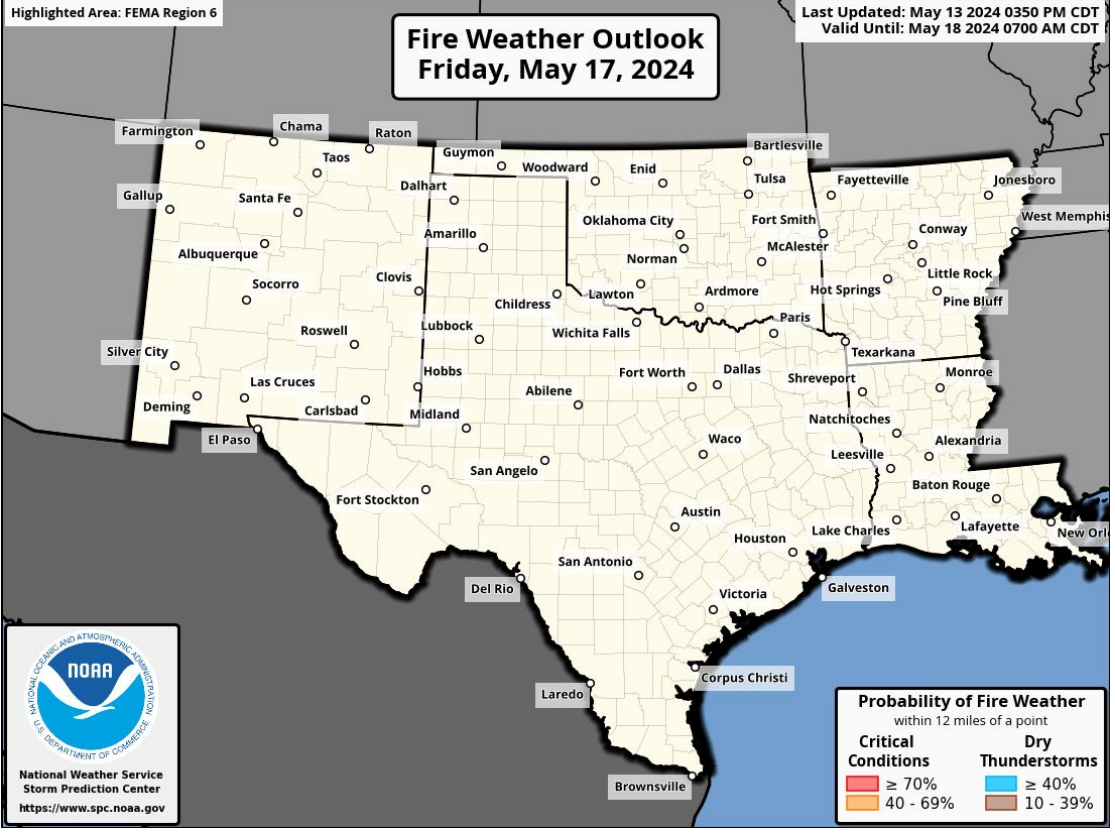
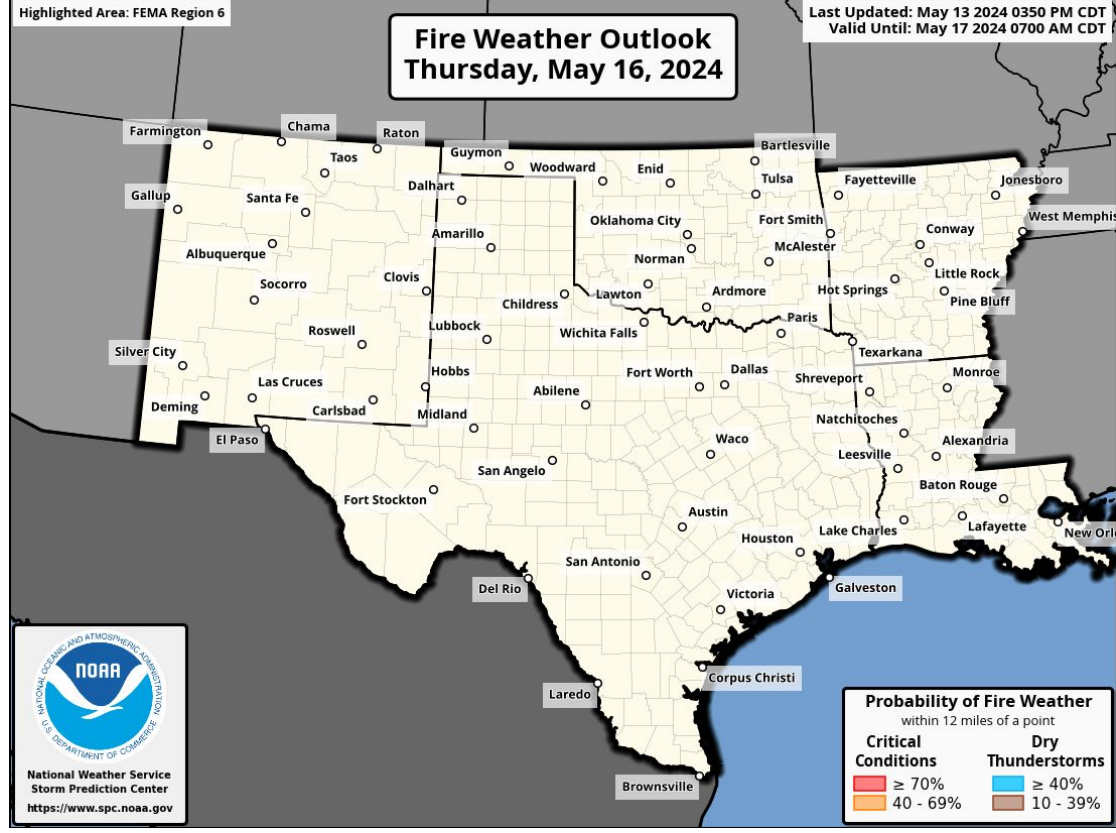
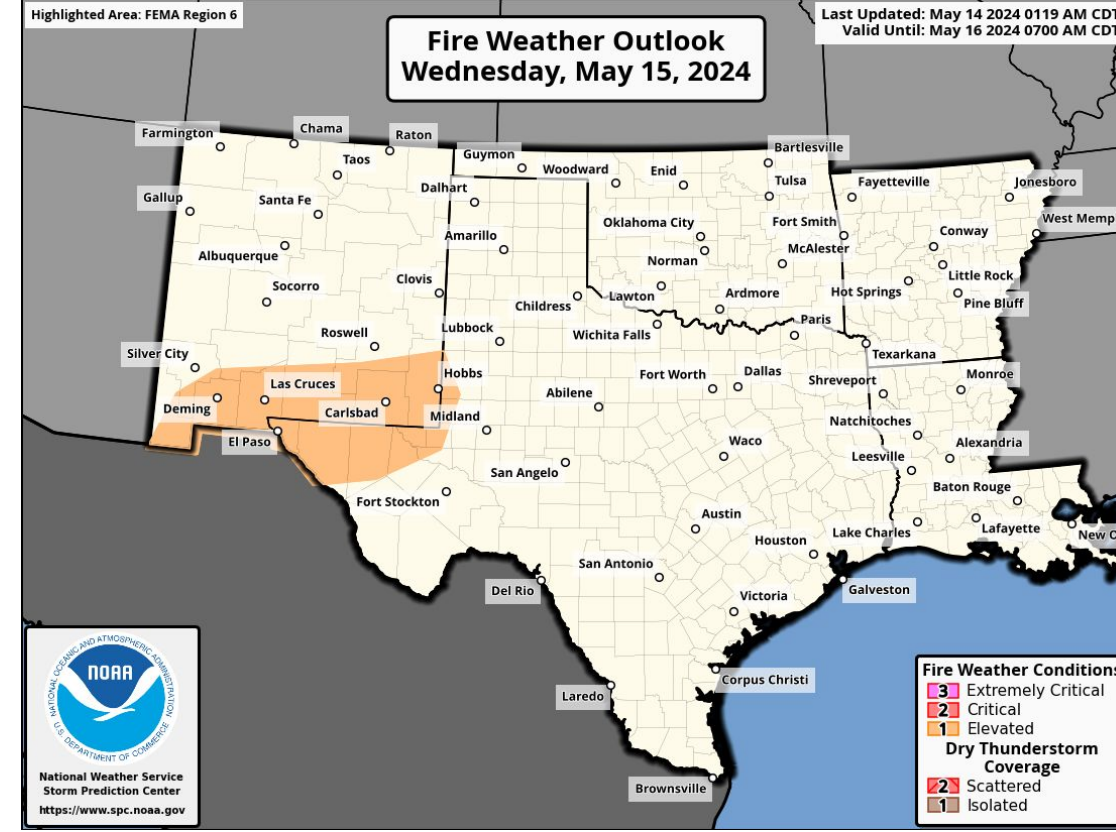
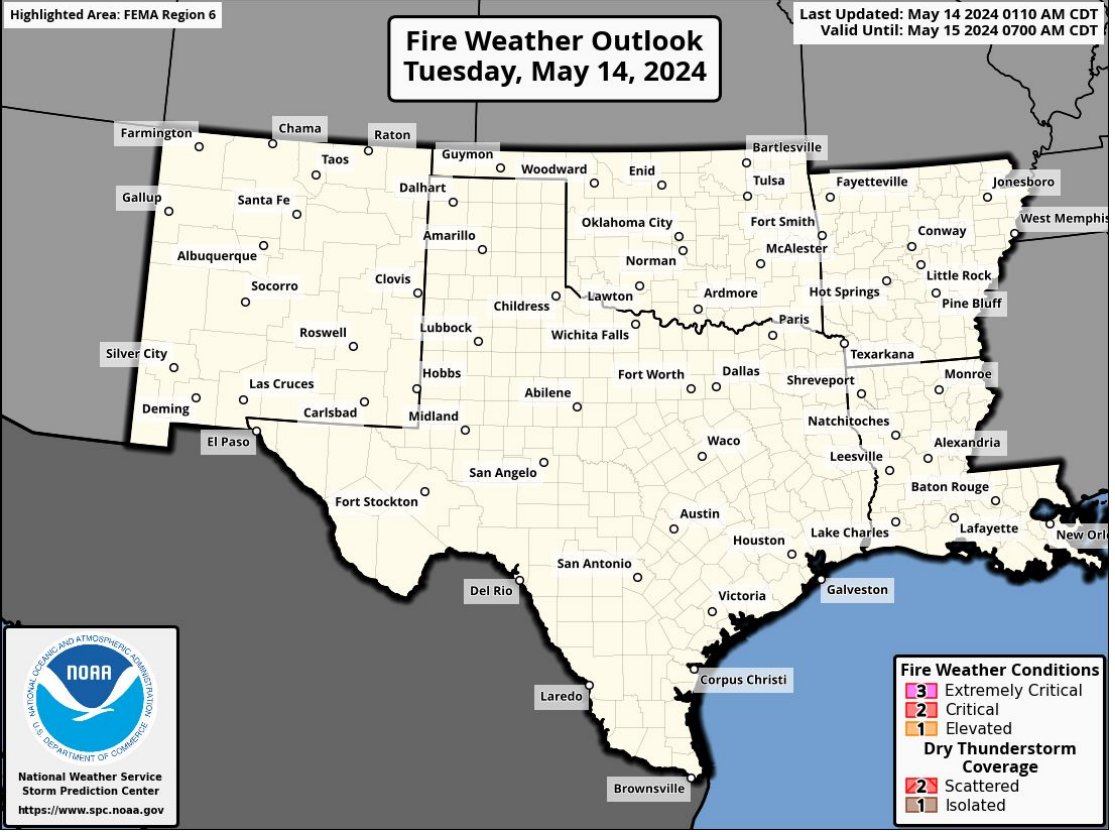
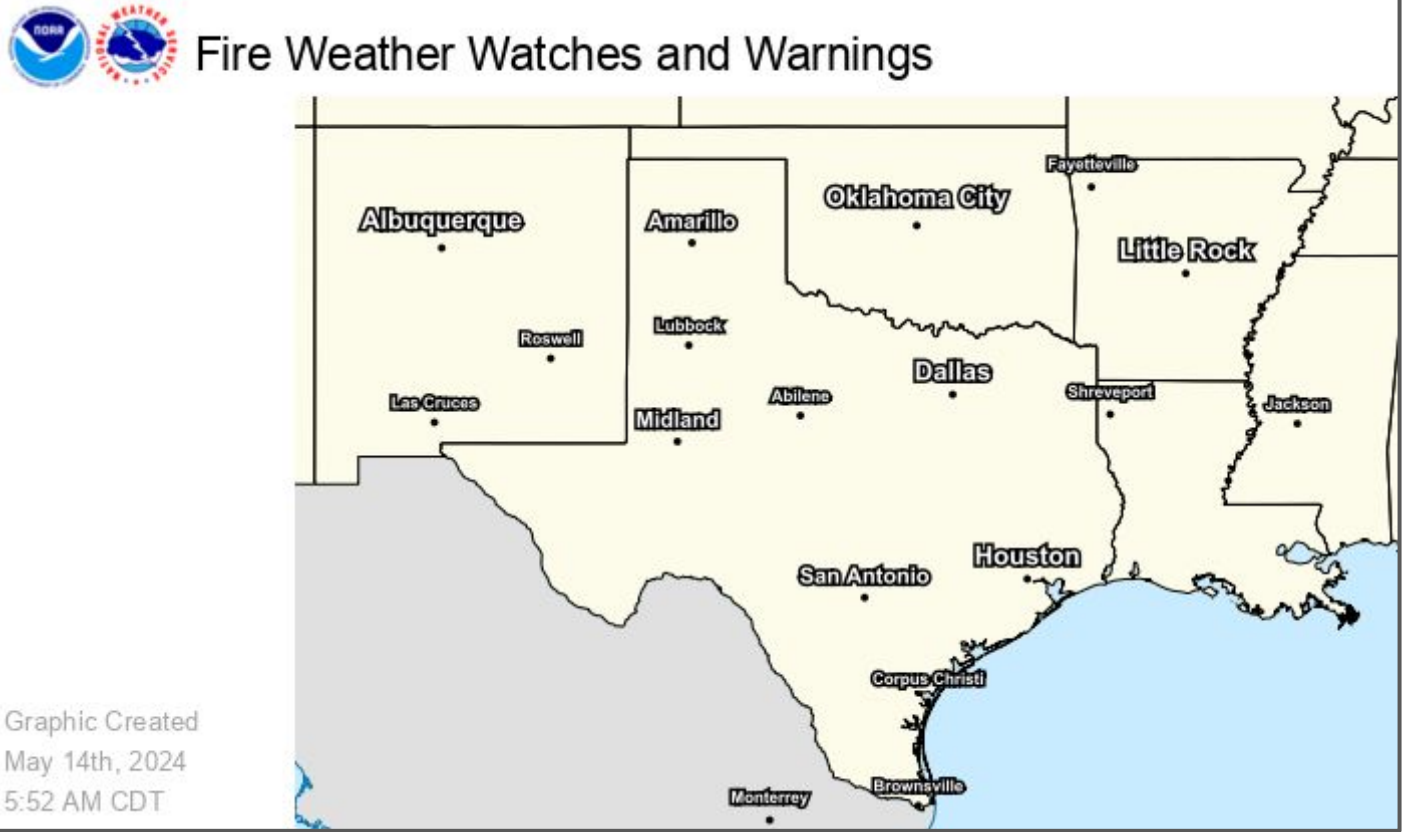
# Today's Tornado & Severe Wind / Hail Probabilities

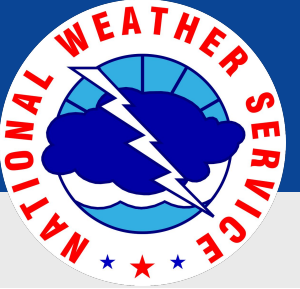
May 14, 2024





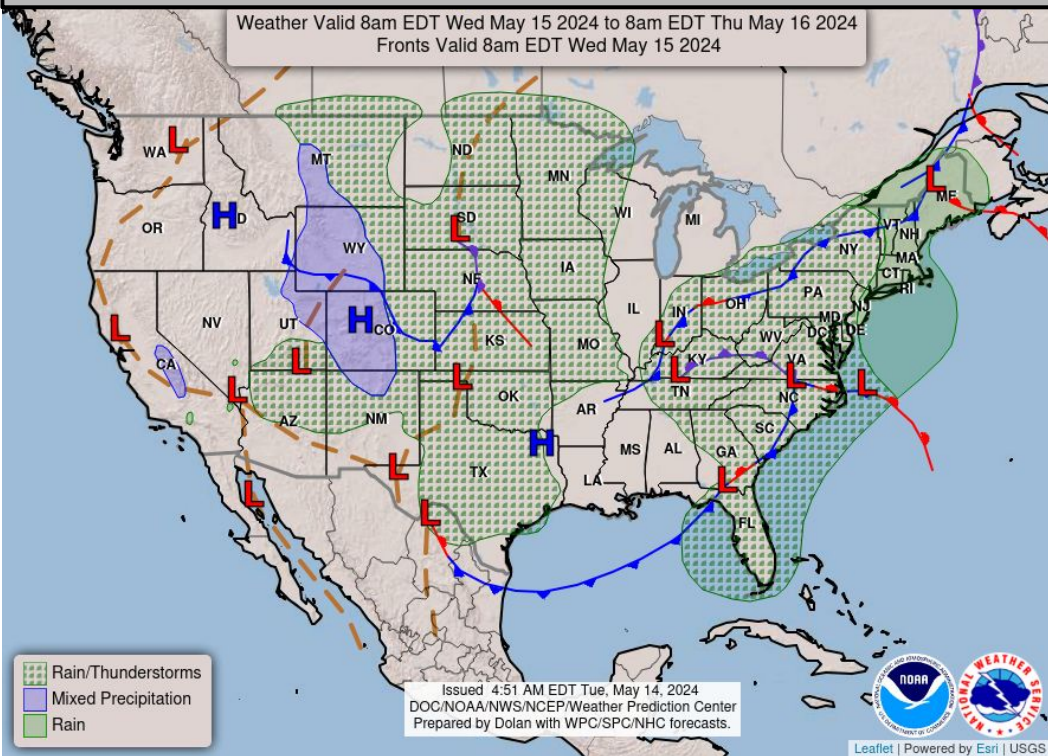
# Fire Weather Outlooks



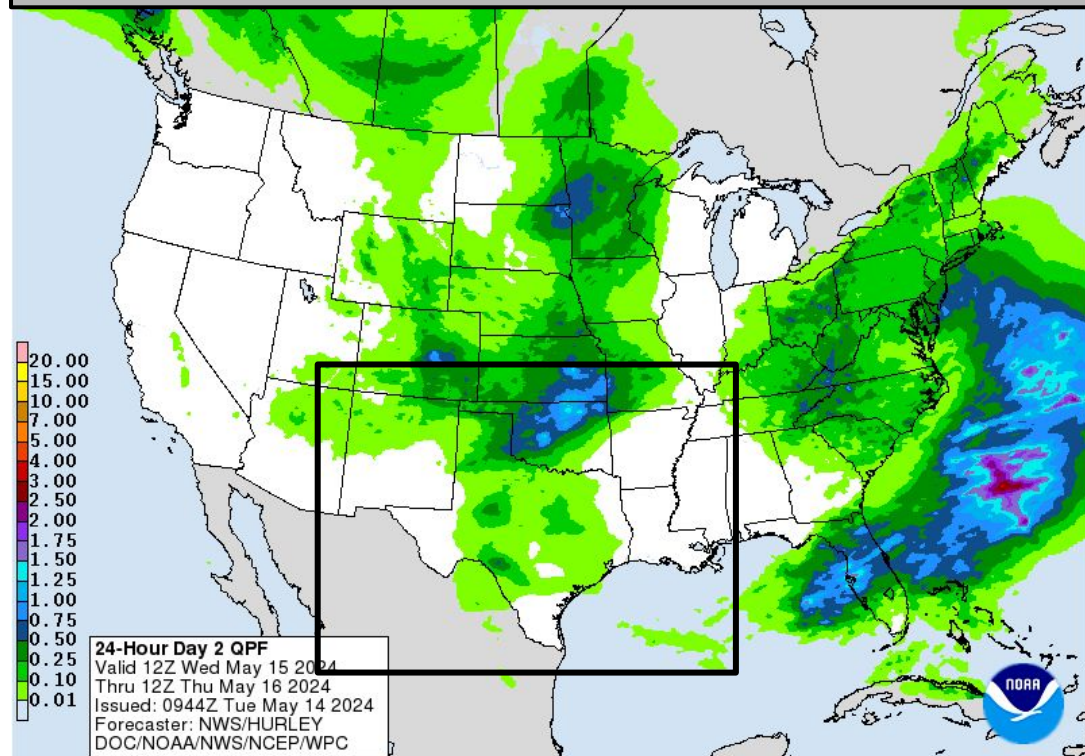


# Tomorrow's Weather

## Forecast Chart



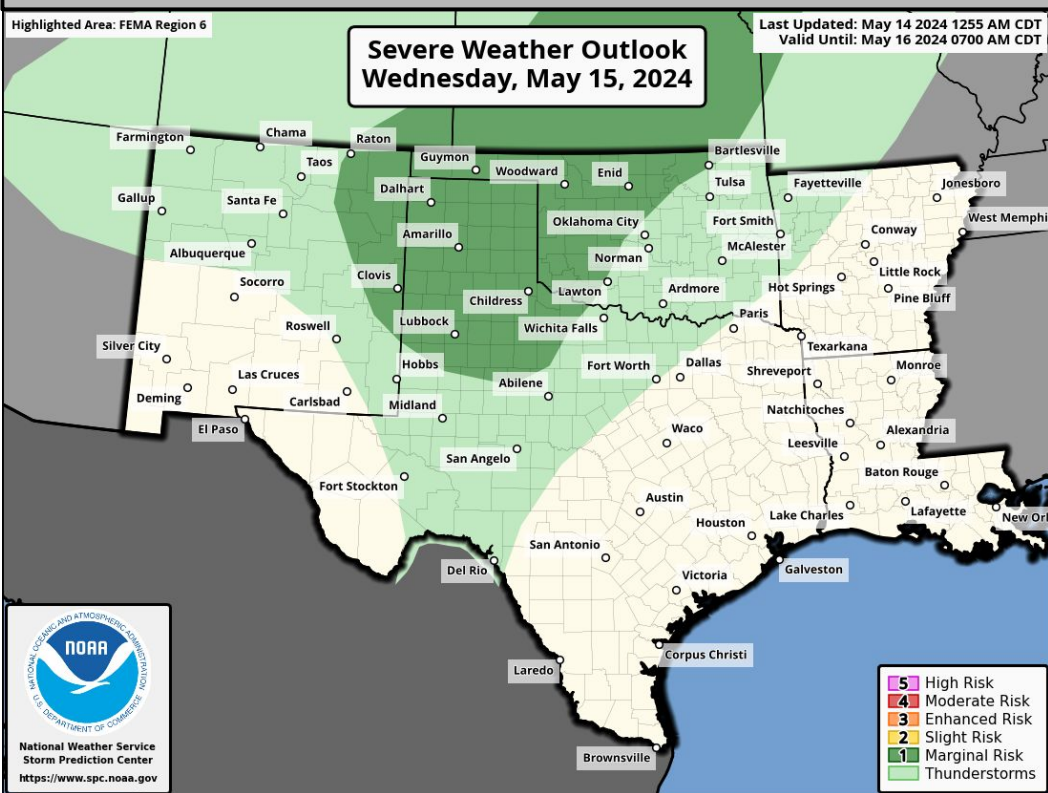
## Forecast Rainfall



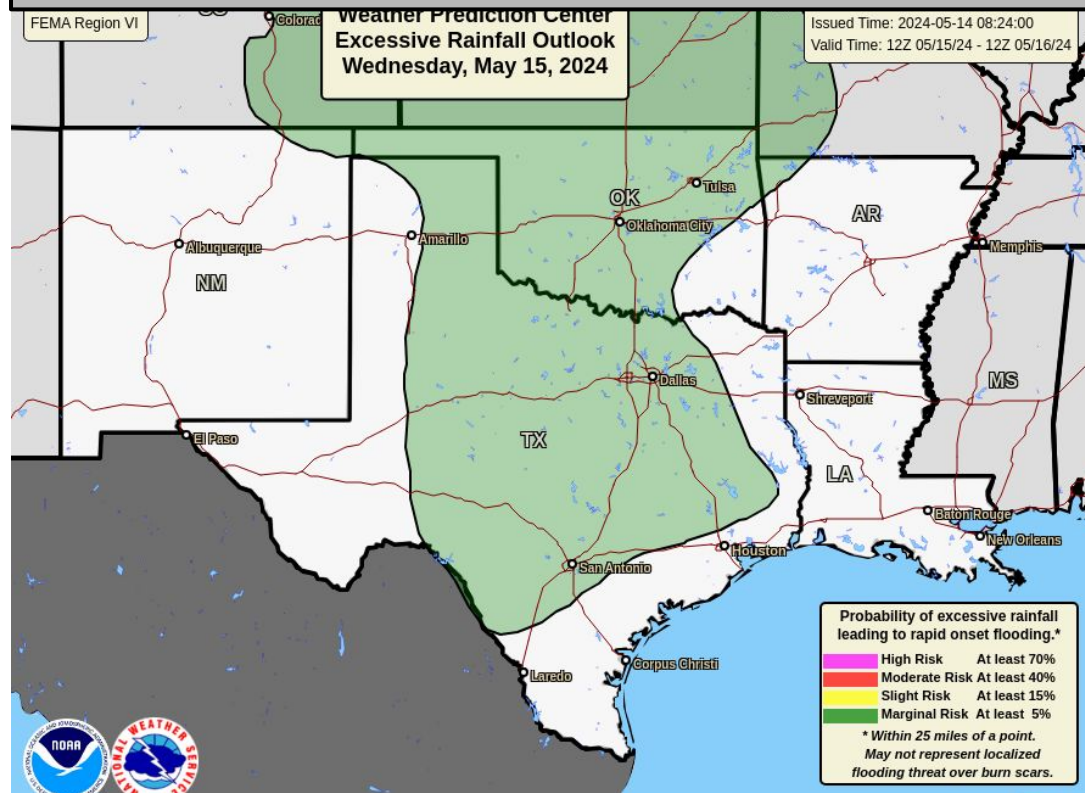
**Marginal risk for severe storms for the OK/TX Panhandles.**

**Marginal risk for heavy rainfall/flash flooding across much of OK & TX.**

## Severe Weather Outlook



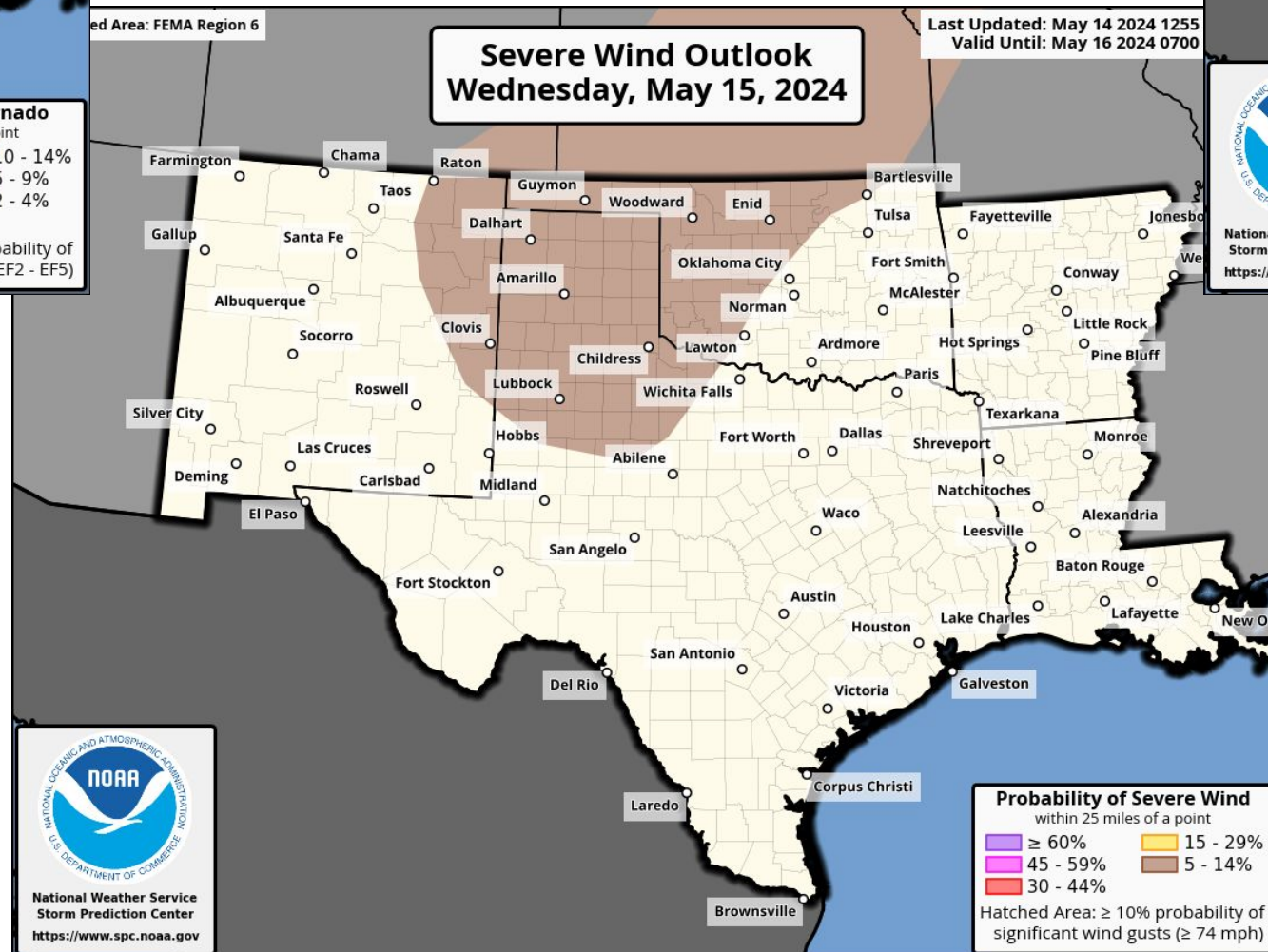
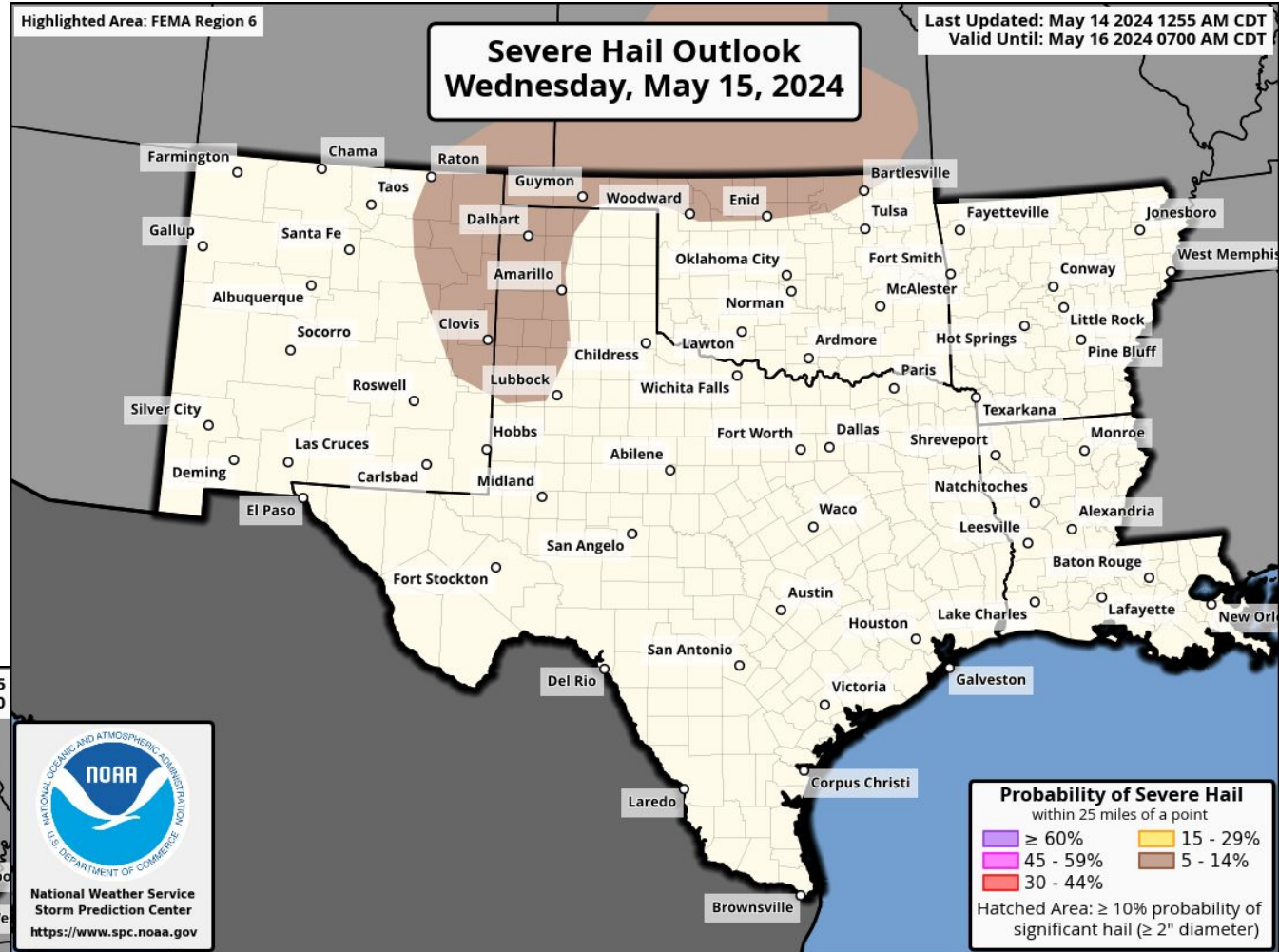
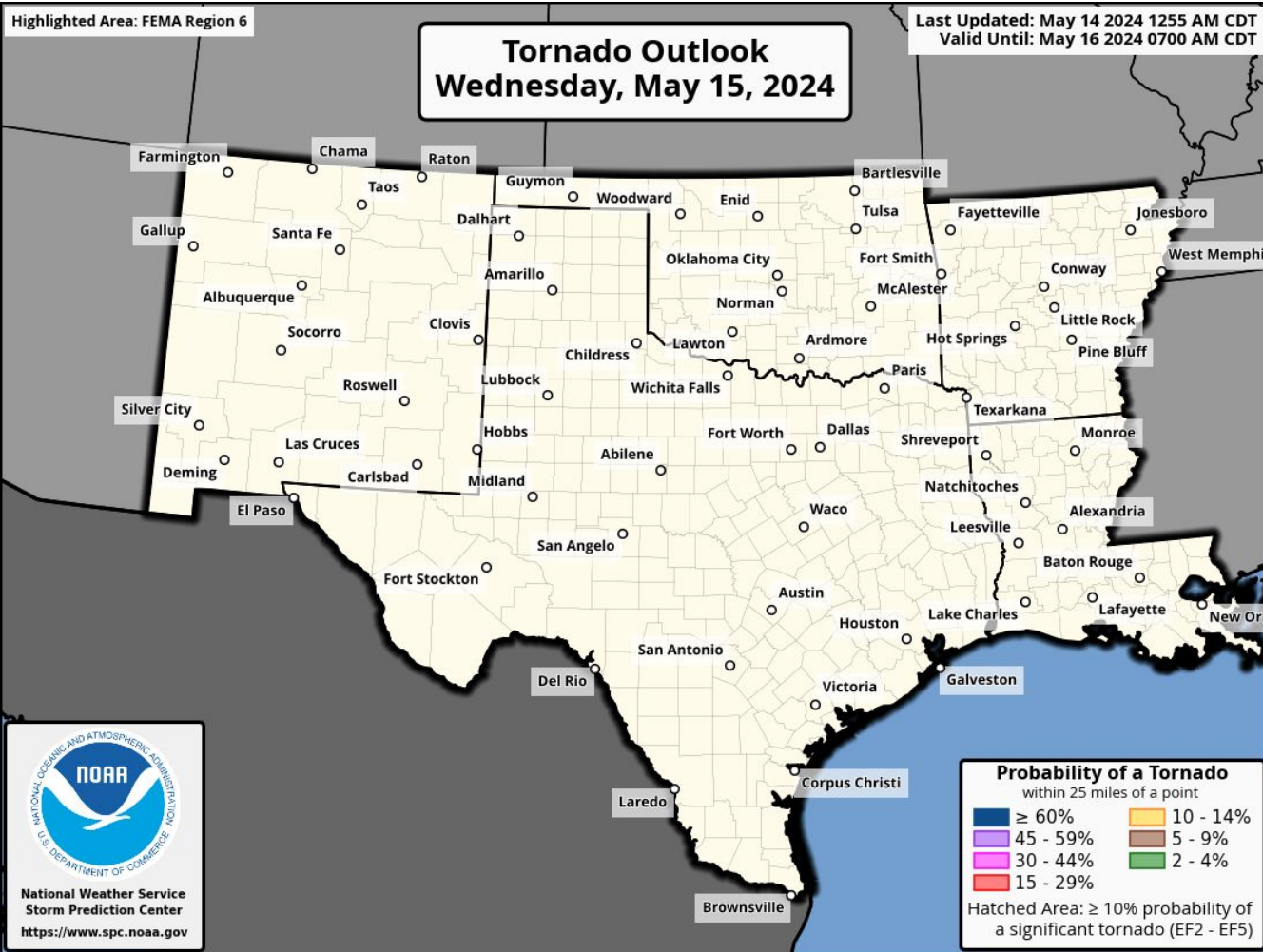
## Excessive Rainfall Outlook







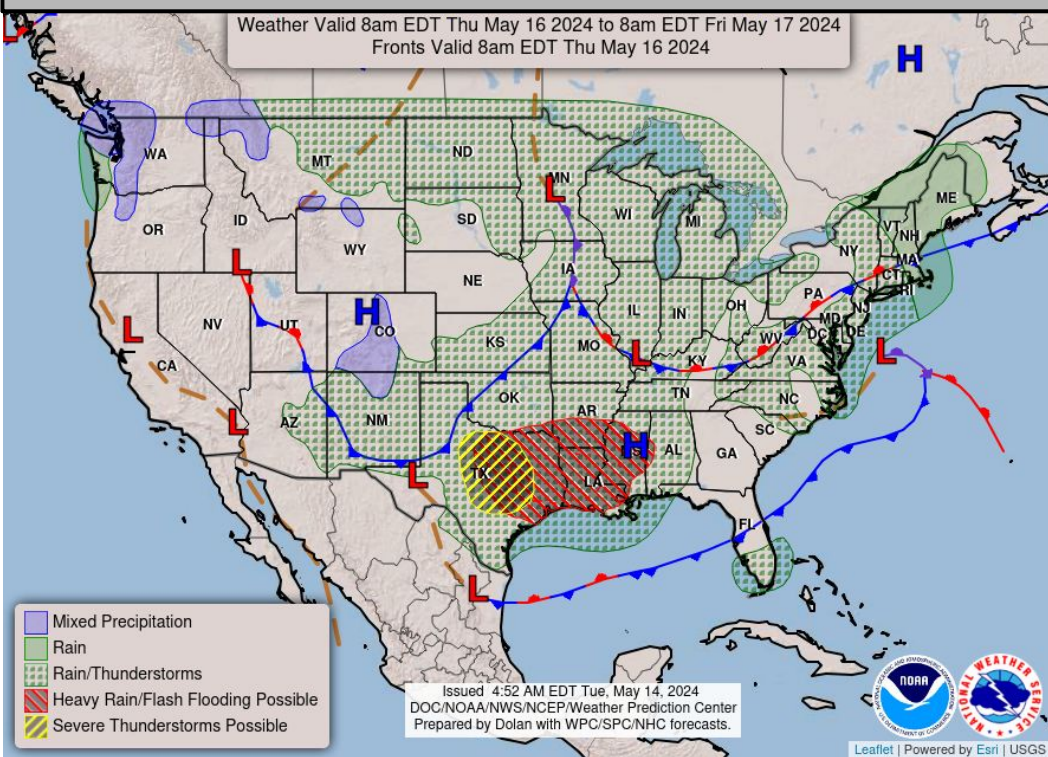
# Tomorrow's Tornado & Severe Wind / Hail Probabilities



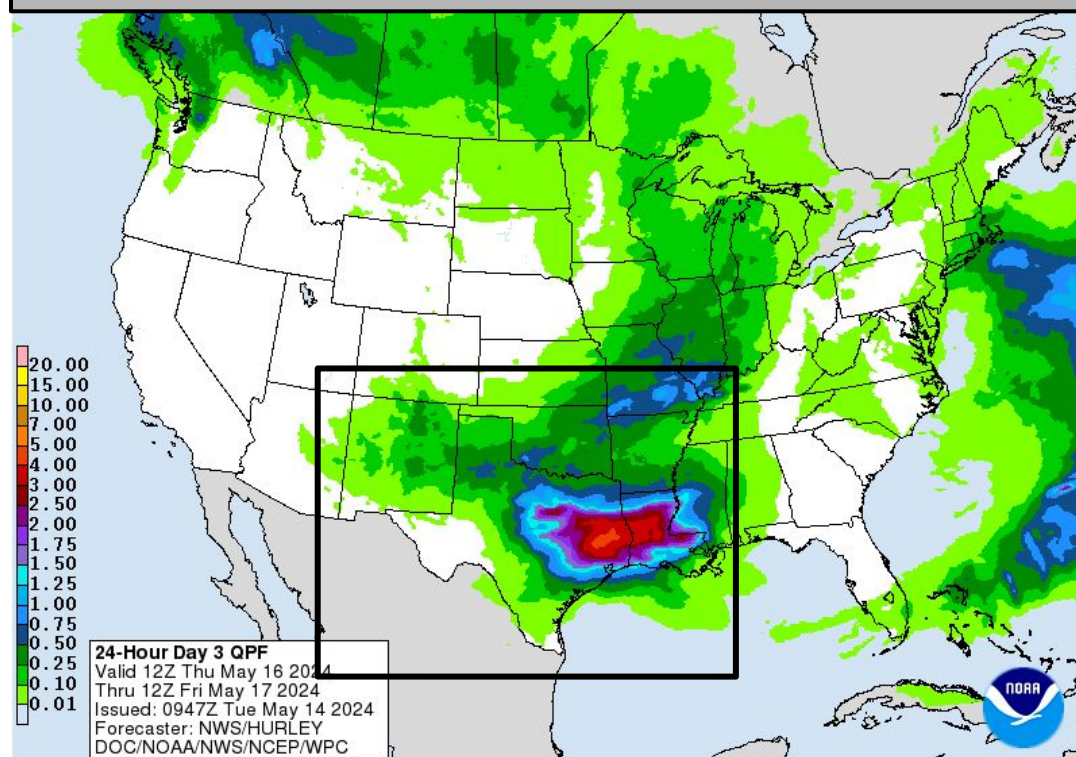


# Thursday's Weather

## Forecast Chart



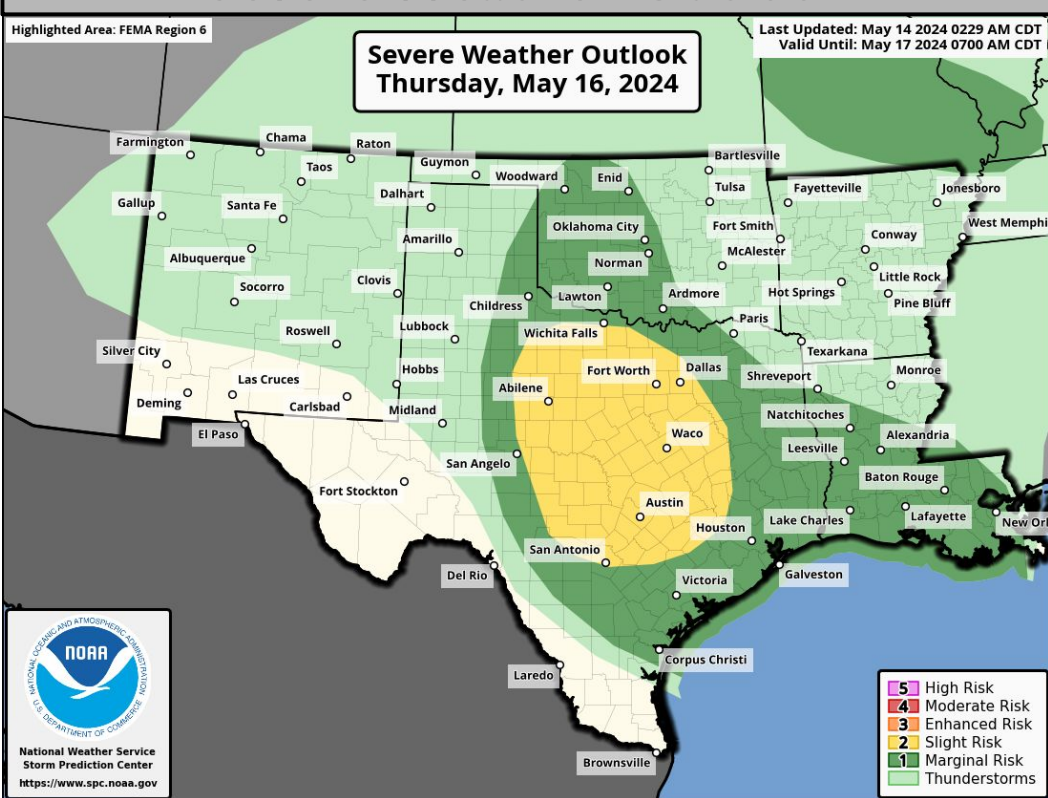
## Forecast Rainfall



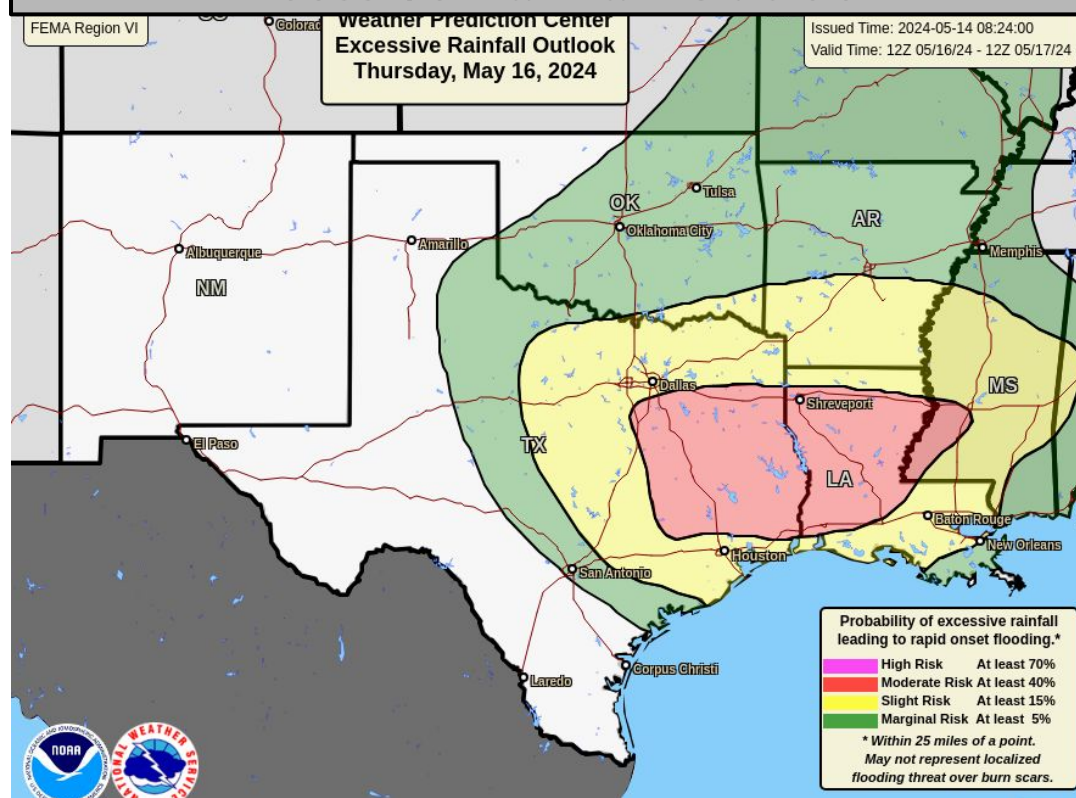
**Moderate risk for heavy rainfall/flash flooding over E/SE TX and LA**

**Slight risk of severe storms across N/Ctrl TX**

## Severe Weather Outlook



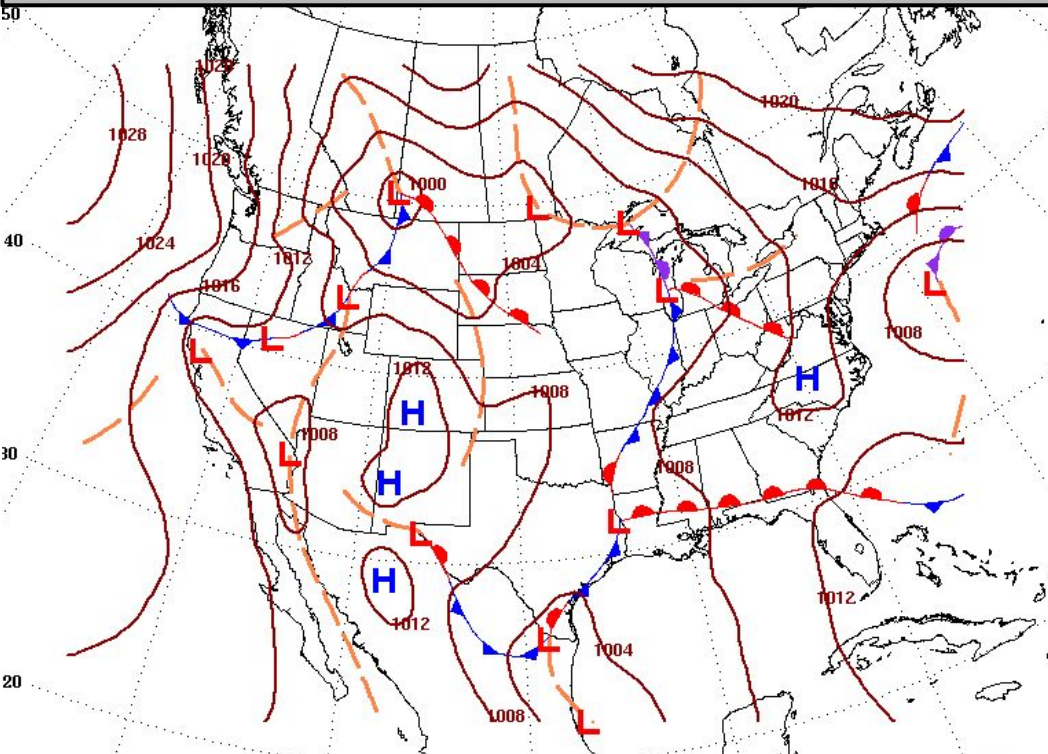
## Excessive Rainfall Outlook



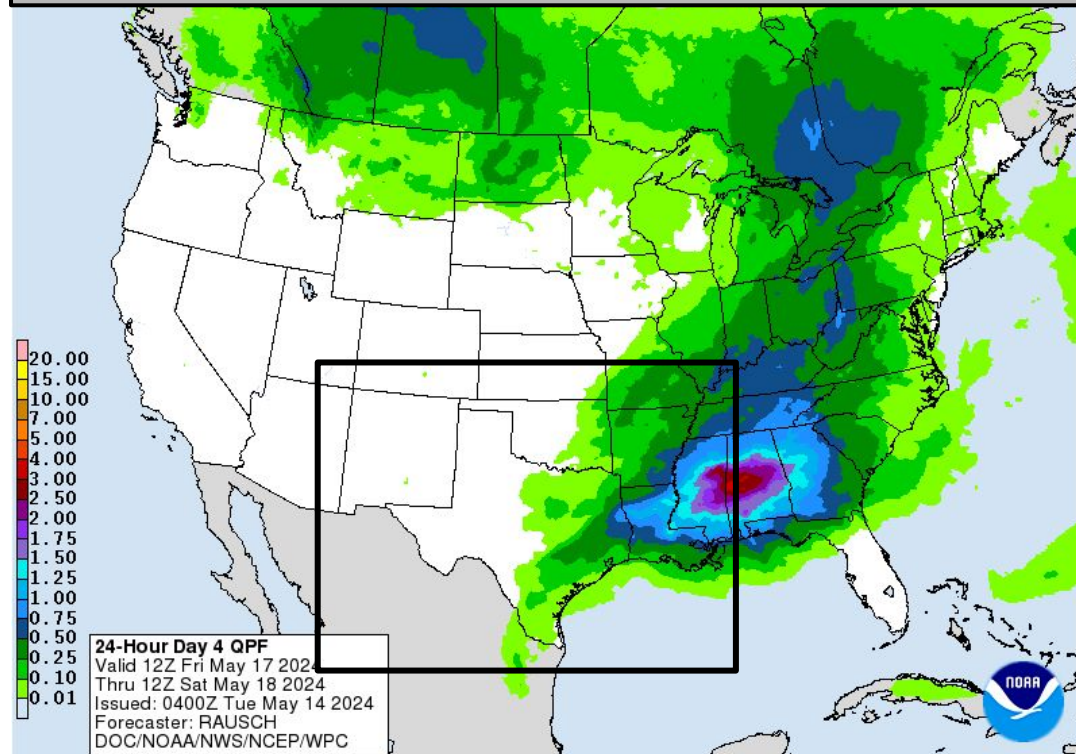


# Friday's Weather

### Forecast Chart



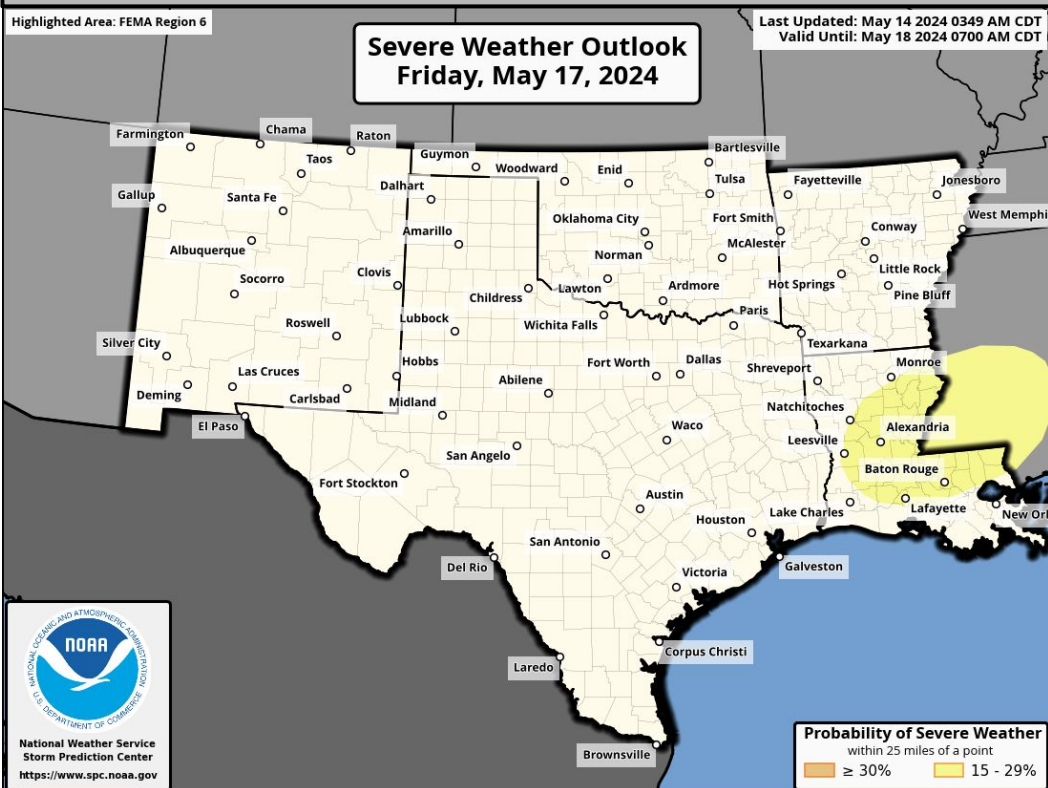
### Forecast Rainfall



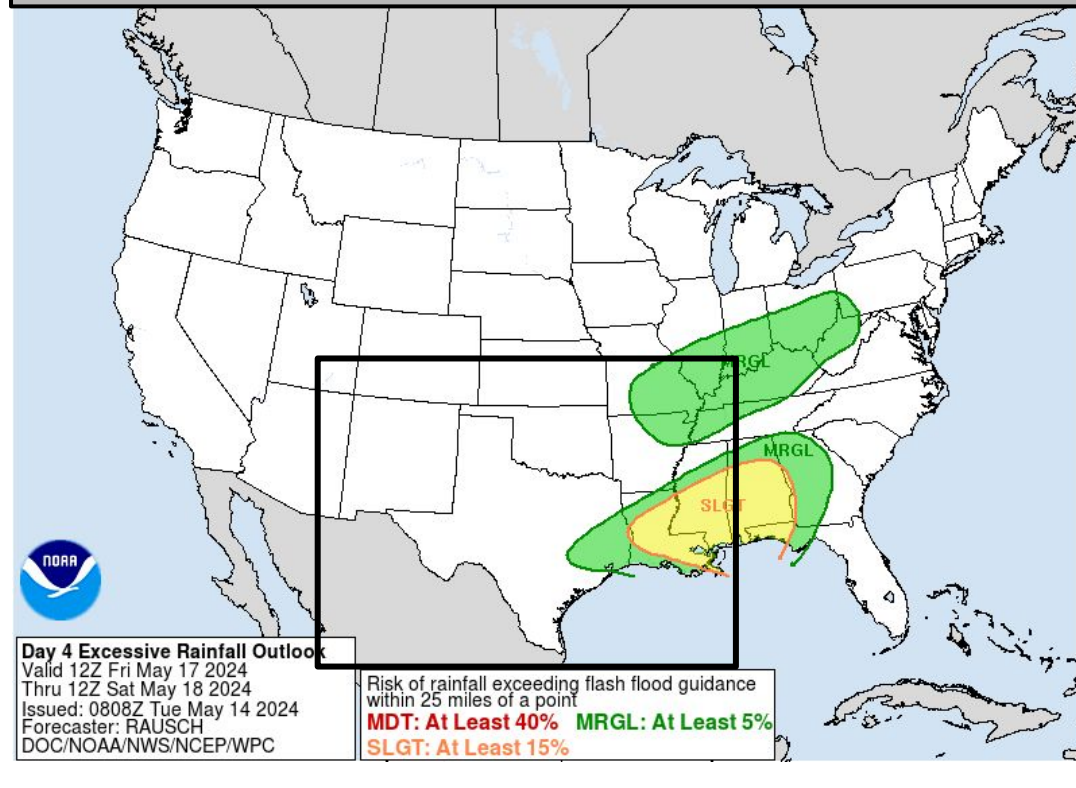
**Slight risk of severe storms for LA**

**Slight risk of heavy rain/flash flooding for LA**  
**Marginal risk for SE TX**

### Severe Weather Outlook



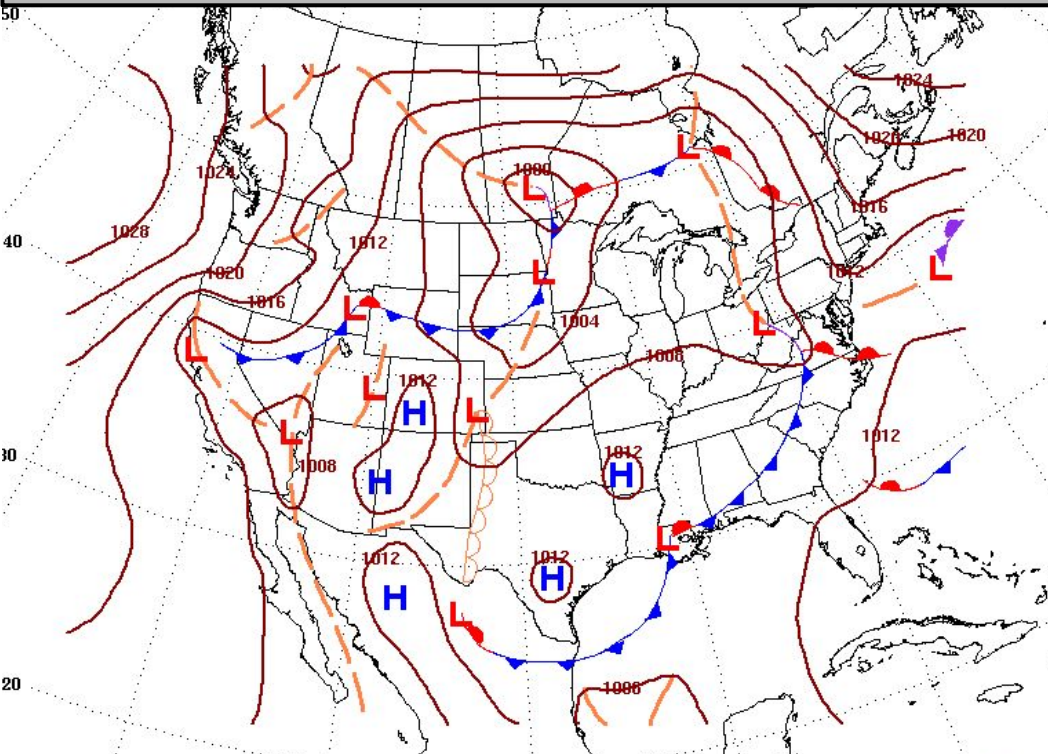
### Excessive Rainfall Outlook



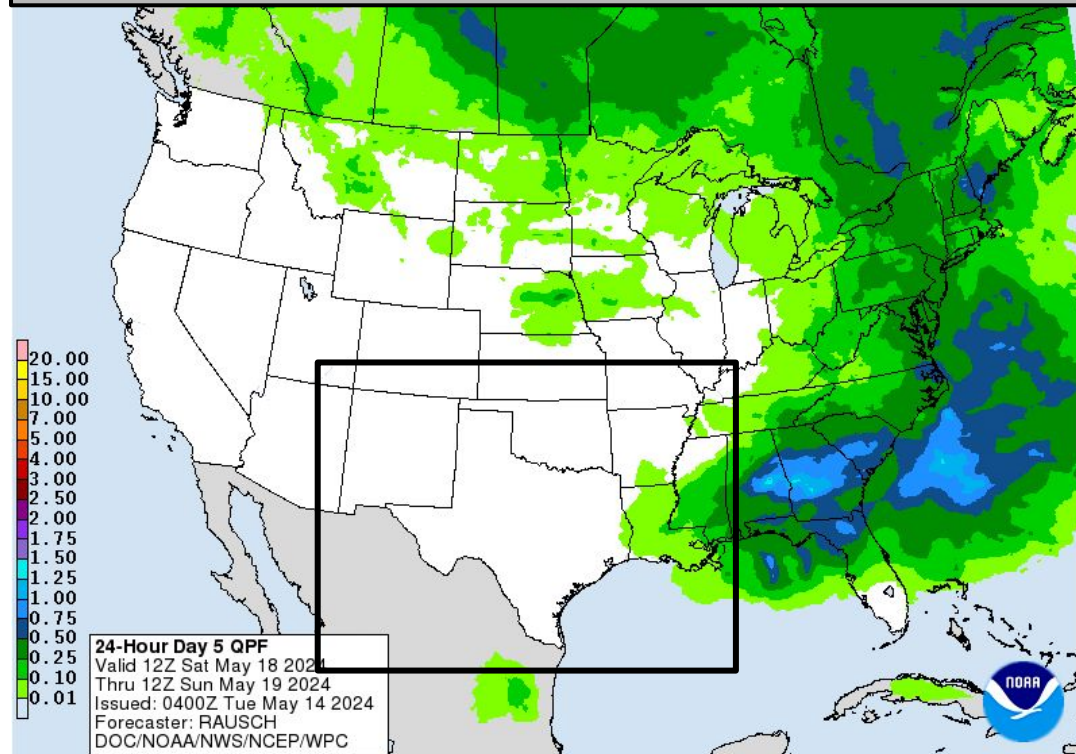


# Saturday's Weather

### Forecast Chart

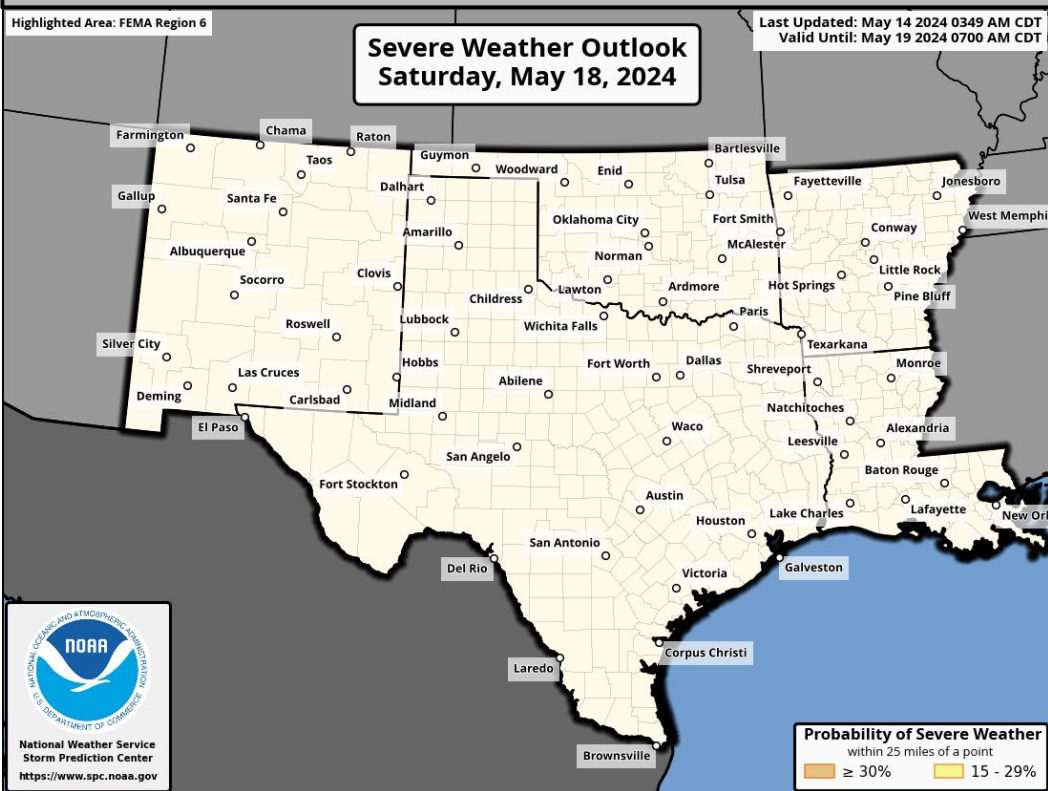


### Forecast Rainfall

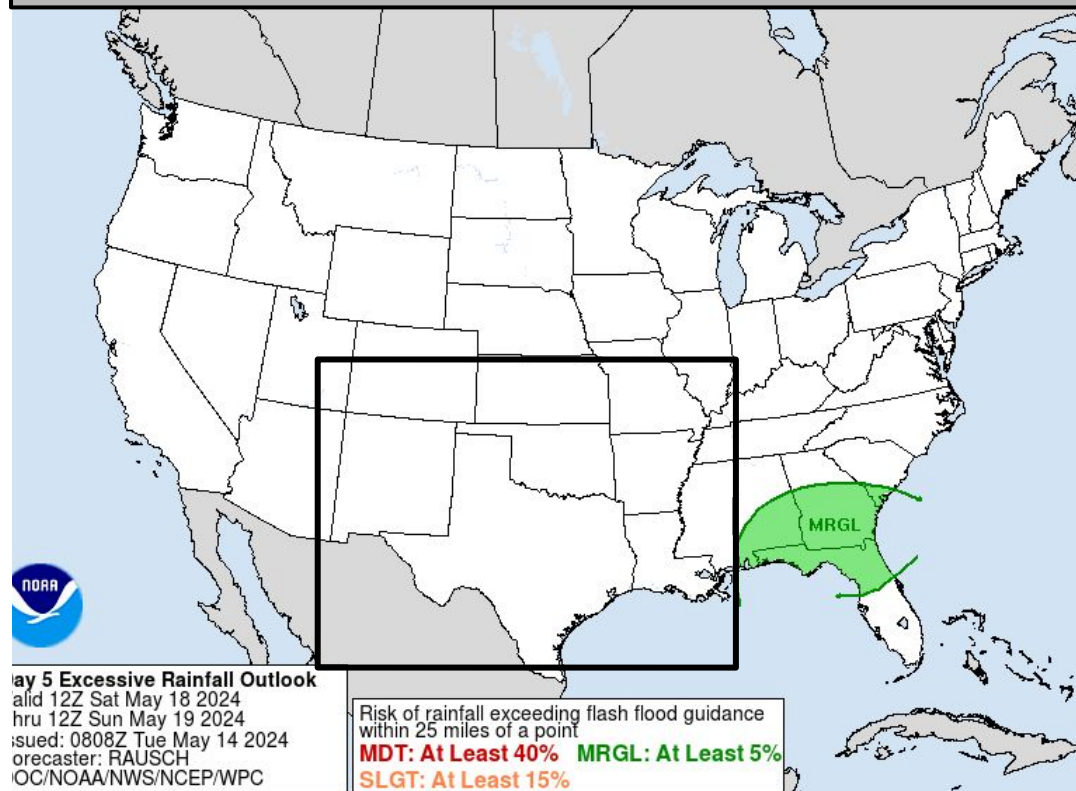


**No significant weather expected.**

### Severe Weather Outlook

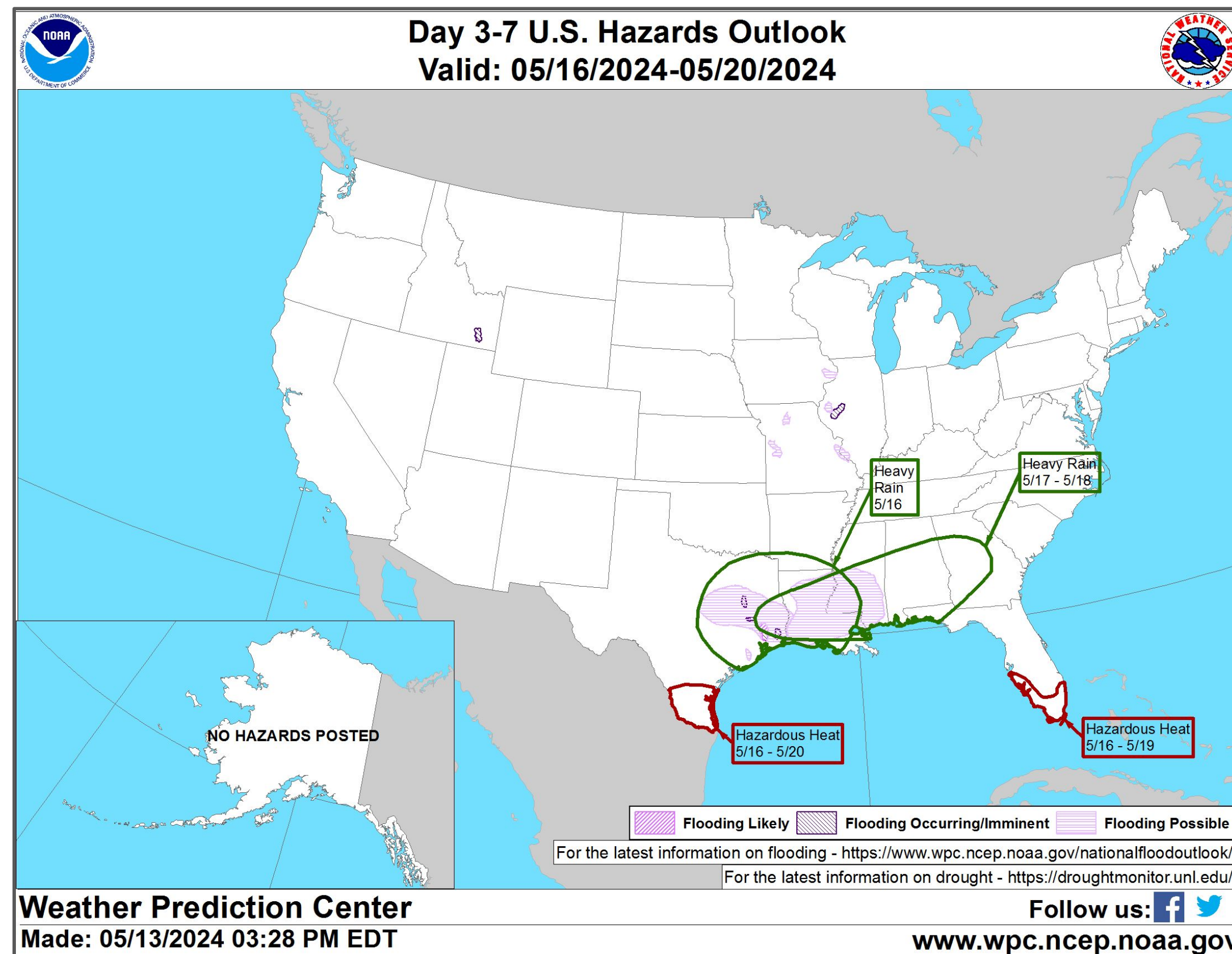


### Excessive Rainfall Outlook





# “Day 3-7” Hazards Outlook



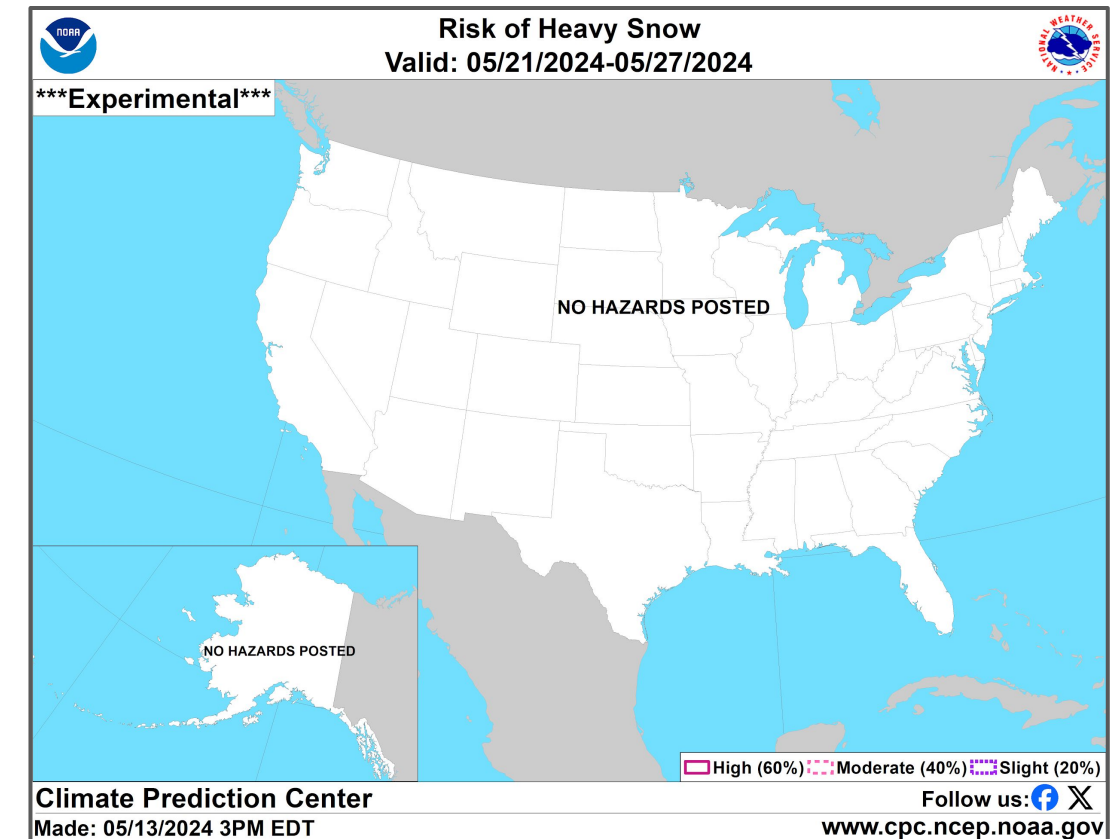
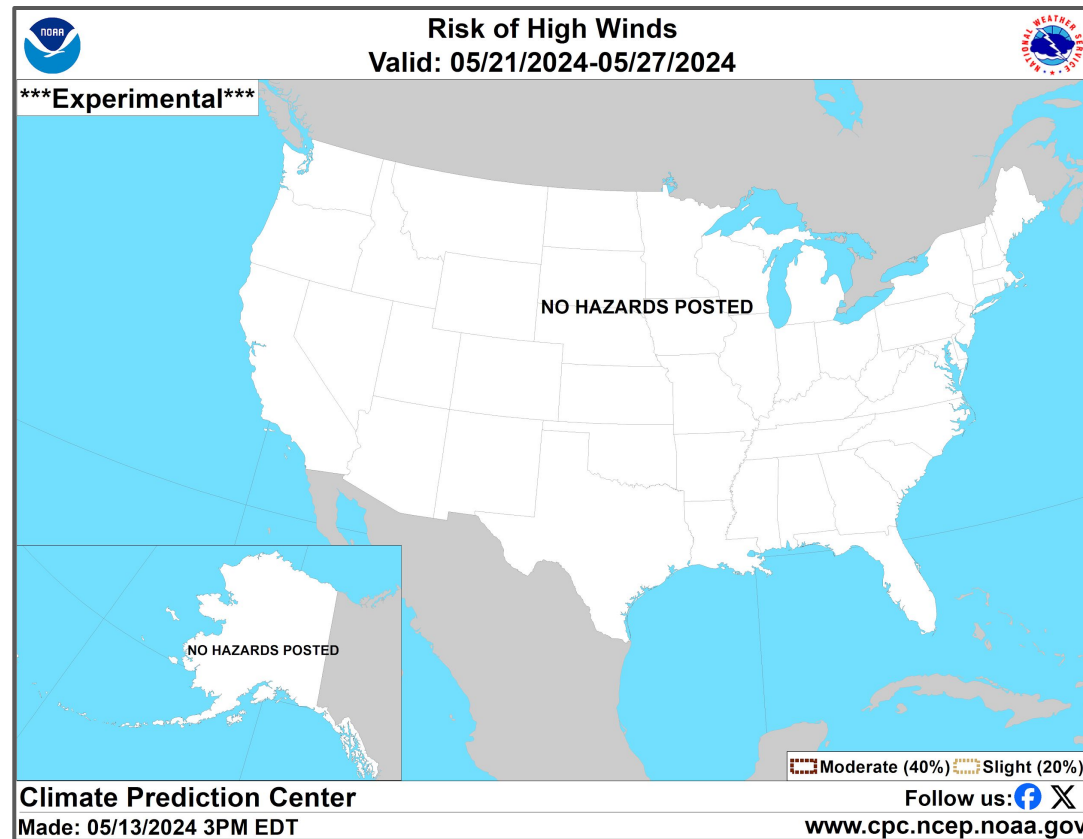
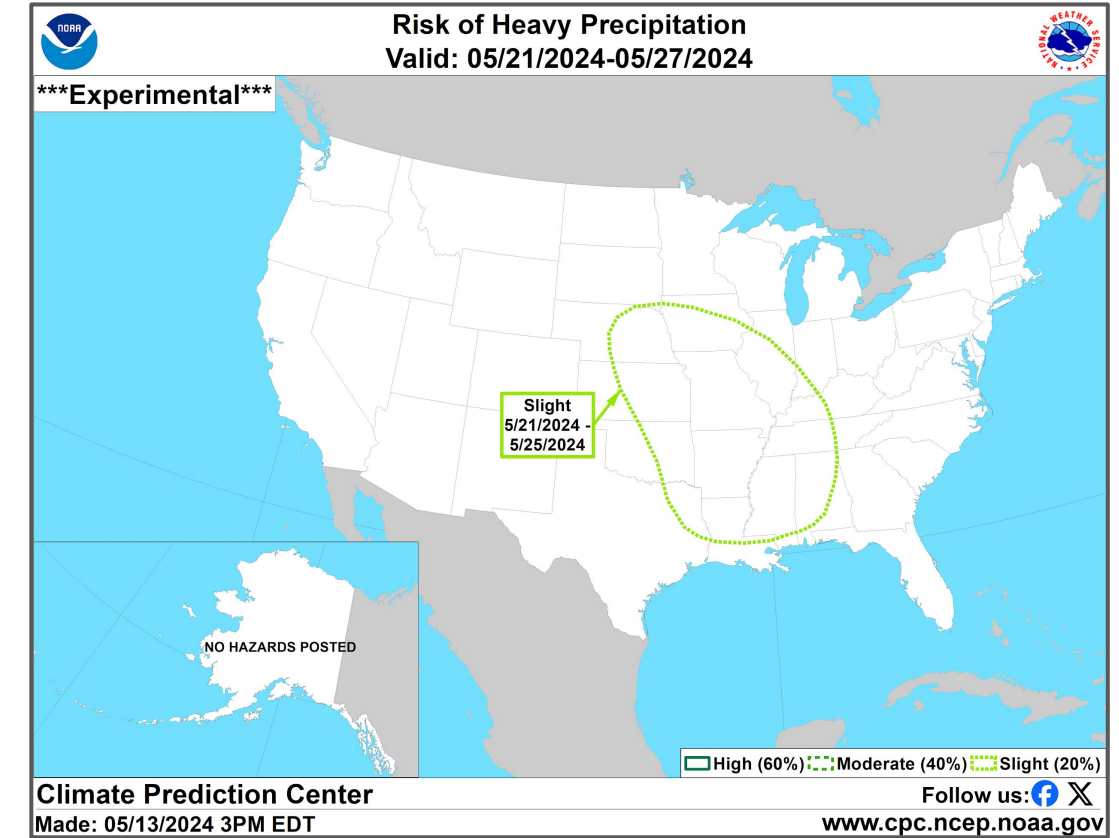
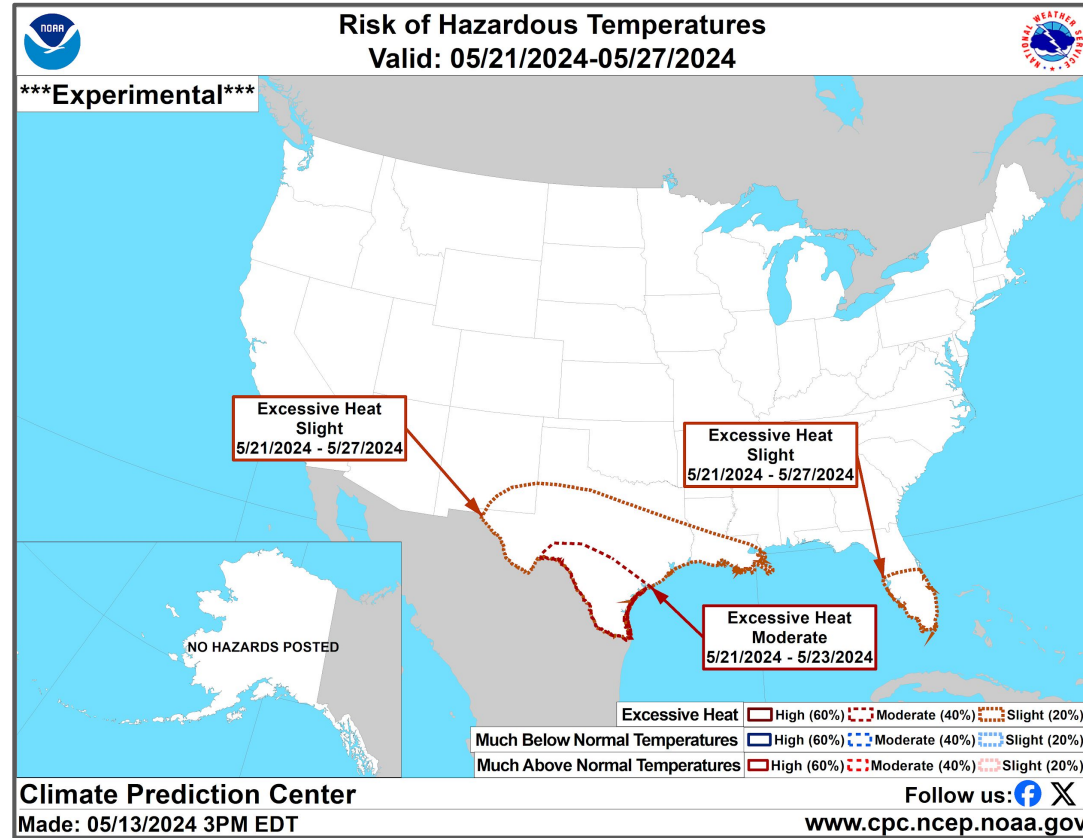
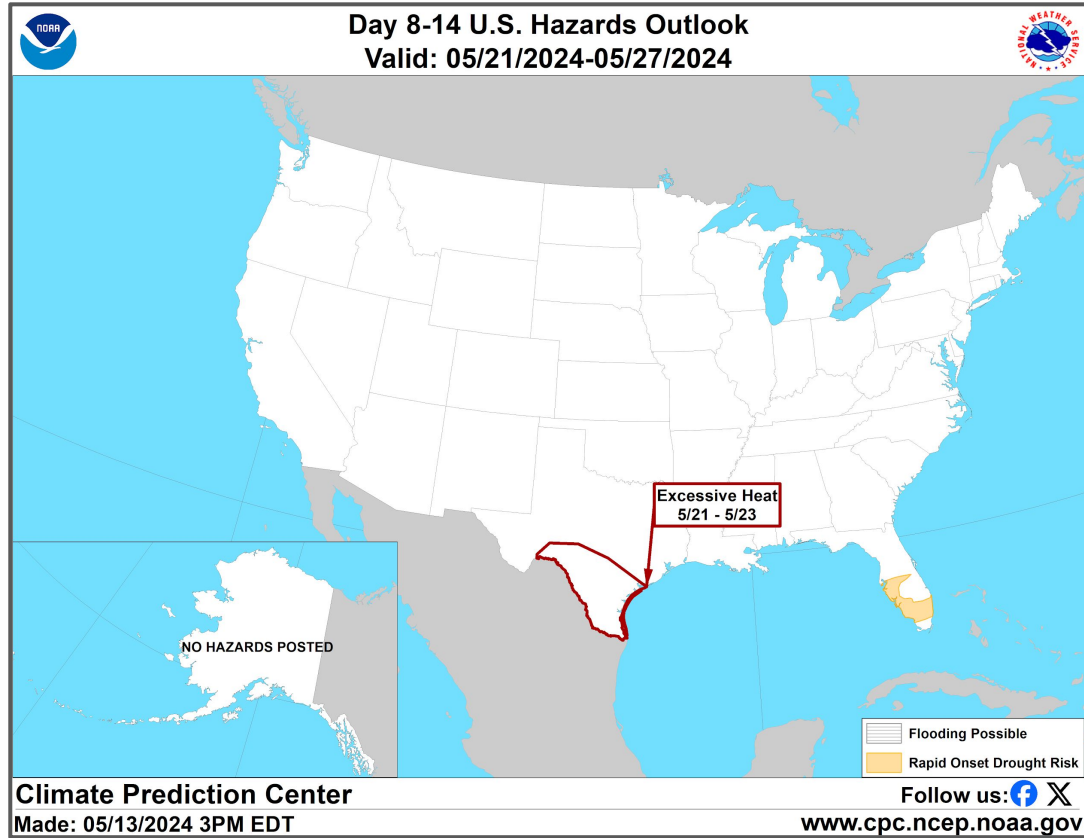
**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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>



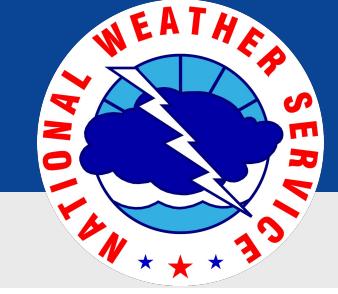
# “Day 8-14” Hazards Outlook



**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:

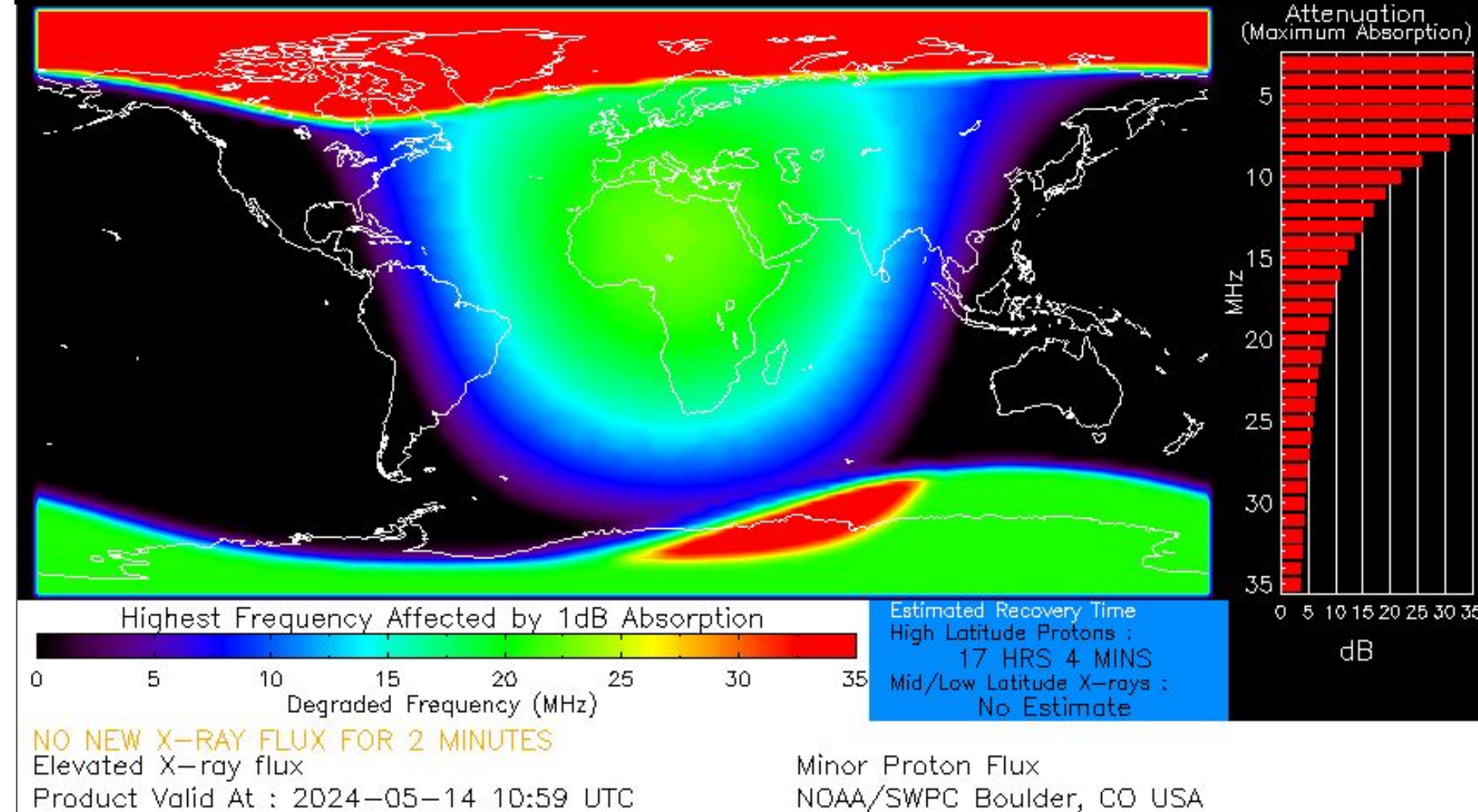
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



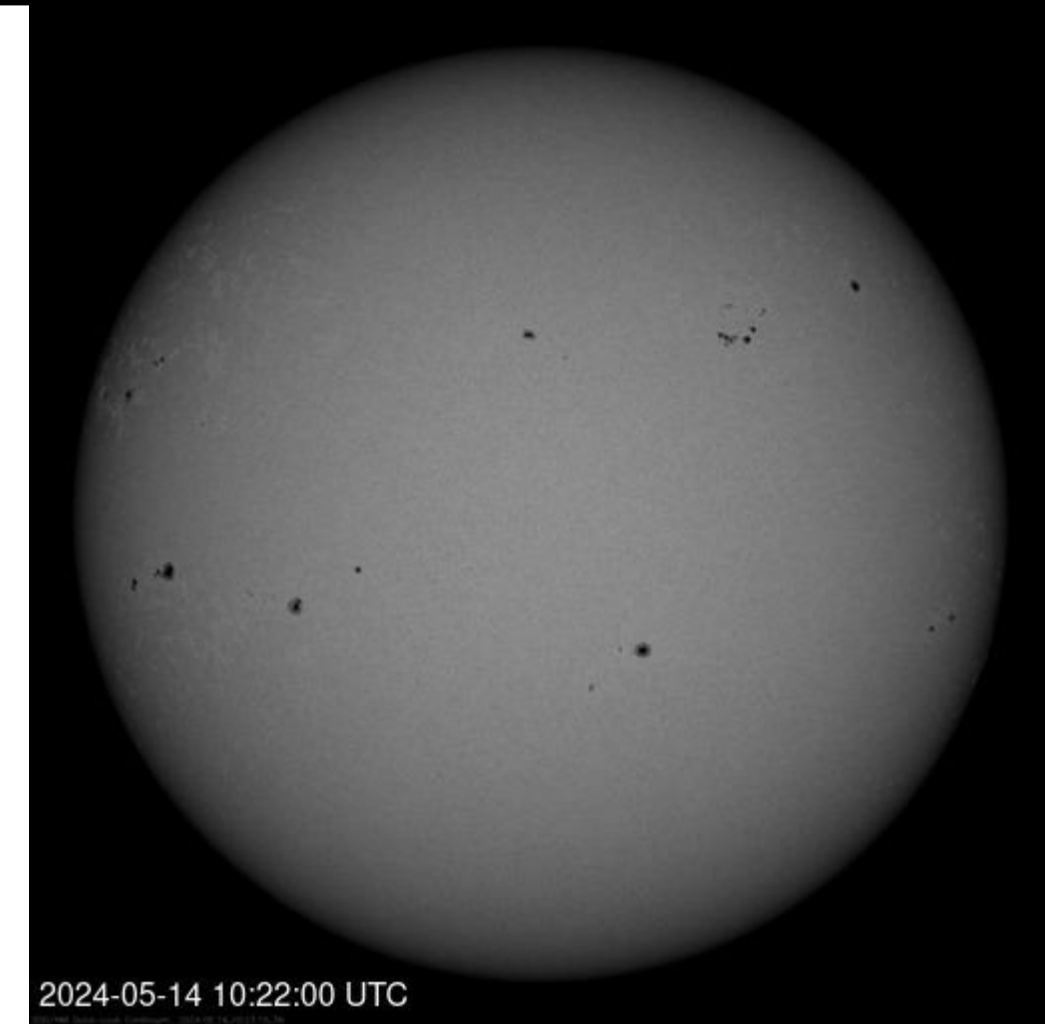
# Space Weather 3-Day Forecast

|                                      | Tuesday, May 14                    | Wednesday, May 15              | Thursday, May 16               |
|--------------------------------------|------------------------------------|--------------------------------|--------------------------------|
| <b>Geomagnetic Storms</b>            | <b>Minor (G1)<br/>(Max Kp = 6)</b> | <b>Active<br/>(Max Kp = 3)</b> | <b>Active<br/>(Max Kp = 3)</b> |
| <b>Solar Radiation Storm (S1-S5)</b> | <b>99%</b>                         | <b>25%</b>                     | <b>5%</b>                      |
| <b>Radio Blackout (R1-R2)</b>        | <b>80%</b>                         | <b>40%</b>                     | <b>40%</b>                     |
| <b>Radio Blackout (R3-R5)</b>        | <b>40%</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<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

Fort Worth, TX



**Phone:** (682) 703-3747



**Facebook:** NWSSouthern



**E-mail:** [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)



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