



FEMA



Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Sunday, May 18, 2025

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.



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

National Weather Service
Southern Region



Summary

- **Severe Storms:** Slight to enhanced risk (levels 2-3 of 5) across **N/W TX, OK, NW AR** today and **Monday. Tuesday**, slight risk (level 2 of 5) over **E AR, NE LA** as storms shift eastward.
- **Flash Flooding:** Slight risk (level 2 of 4) today and **Monday** over **OK, AR, N TX**. Marginal risk (level 1 of 4) **Tuesday** over **E AR**.
- **Extreme heat** continues across **S/SW Texas** through **Tuesday** with temps feeling up to **115 degrees**.
- **Elevated to critical** (levels 1-2 of 3) fire weather conditions for **NM, Far W TX** through **Monday**.
- **Minor** with isolated moderate river flooding in **S/E AR, E TX, and LA** through the week.





FEMA Region 6 Threat Matrix

Next 7 days

	Sunday, May 18	Monday, May 19	Tuesday, May 20	Wednesday, May 21	Thursday, May 22	Friday, May 23	Saturday, May 24
Severe Storms	W/NC OK OK, N/W TX, NW AR	C/E OK, NTX, NW AR	E AR, NE LA				
Heavy Rain / Flash Flooding	N/E OK, N AR	E OK, AR, NTX	E AR				
Fire Weather	S/C NM, Far W TX	S NM, Far W TX					
Heat	S/SW TX	S/SW TX	S S/SW TX				
River Flooding	S/E AR, ETX, LA	S/E AR, ETX, LA	S/E AR, ETX, LA	S/E AR, ETX, LA	S AR, ETX, LA	S AR, ETX, LA	S AR, 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.

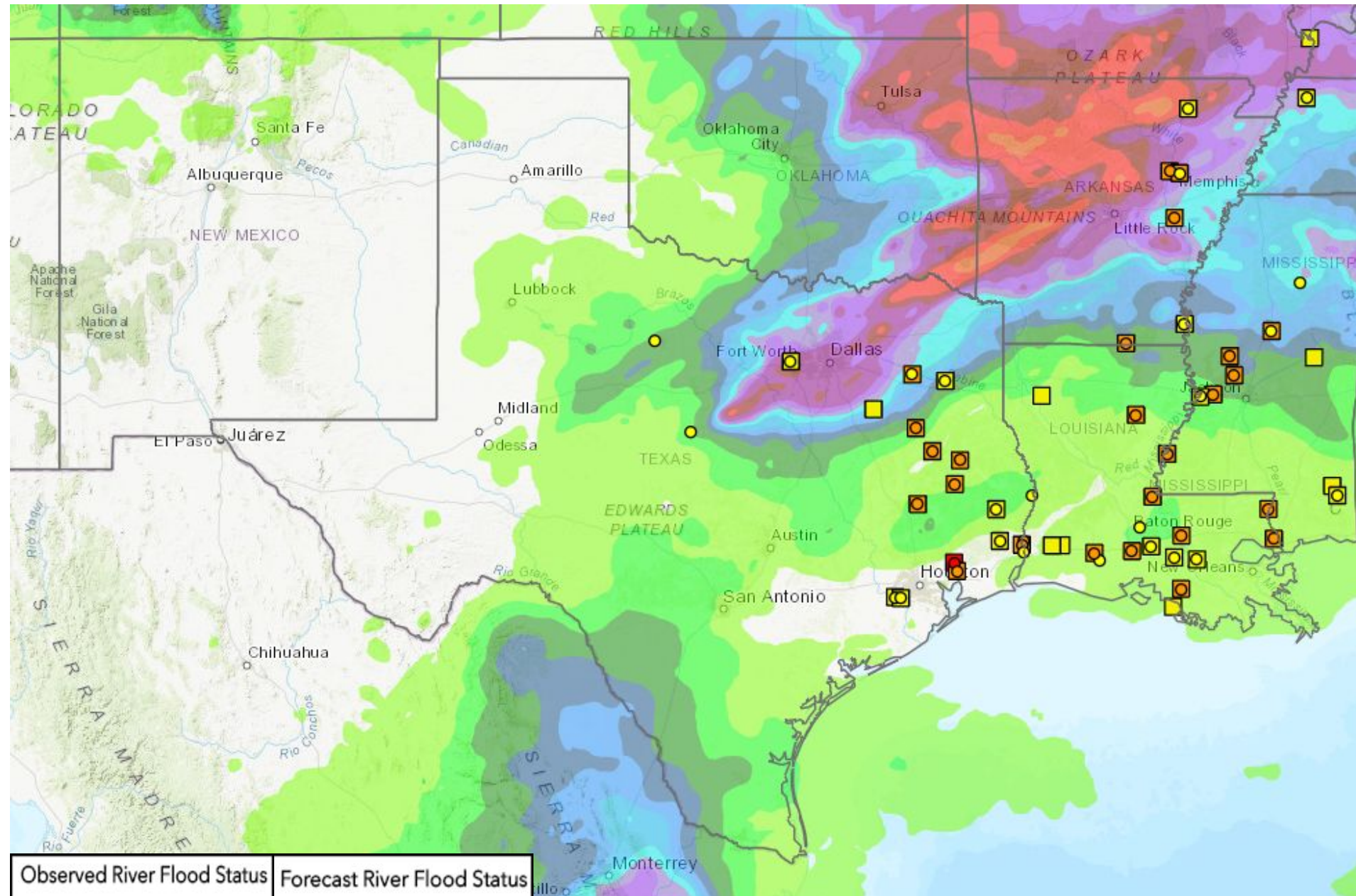
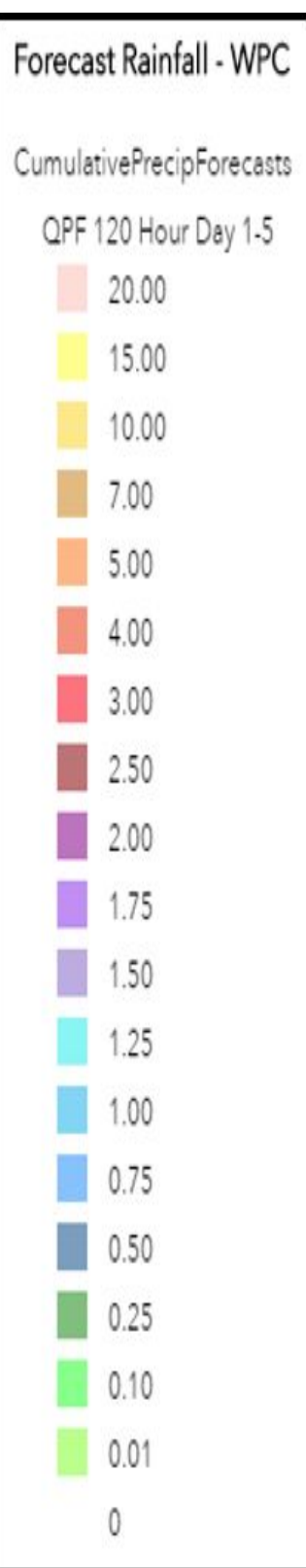
Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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5-Day Precipitation Forecast & River Flood Status

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



Observed River Flood Status	Forecast River Flood Status
Major Flooding	Major Flooding
Moderate Flooding	Moderate Flooding
Minor Flooding	Minor Flooding
Near	Near Flood
action	No Flooding

Minor with isolated moderate river flooding across S/E AR, E TX, and LA will impact croplands and secondary roads. Moderate flooding on Trinity River at Liberty forecast to drop back to minor around mid-week.

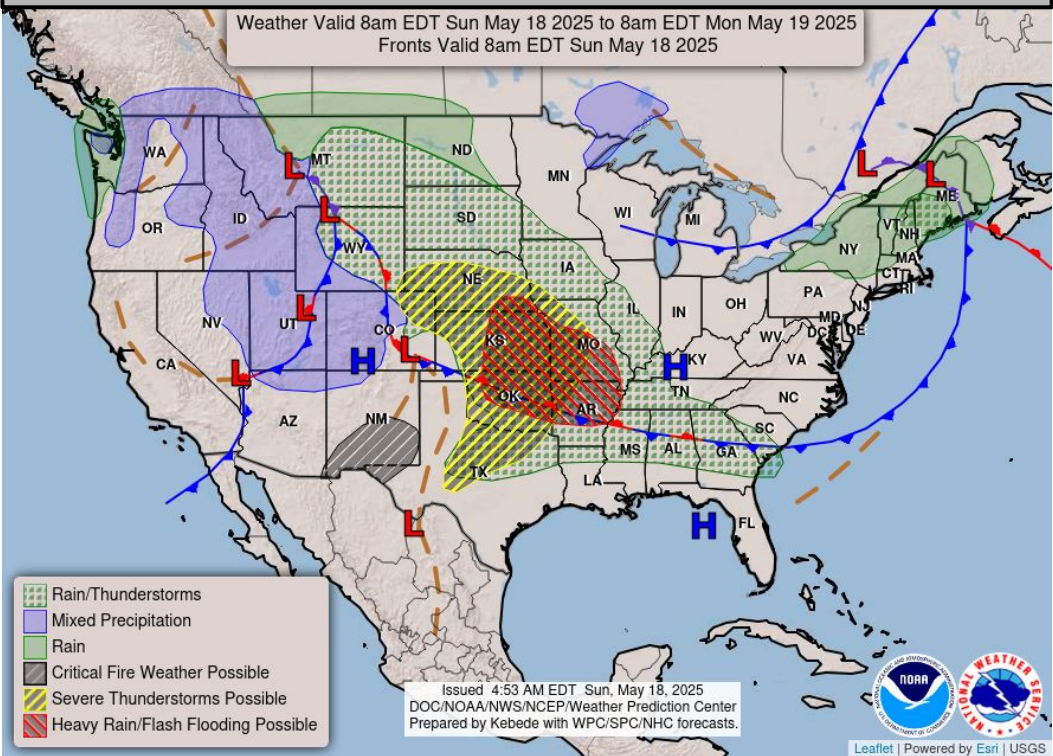
Note: Numerical levels (e.g. level 1 of 4) will not be assigned to riverine flooding due to the varying levels of impacts across flood categories.



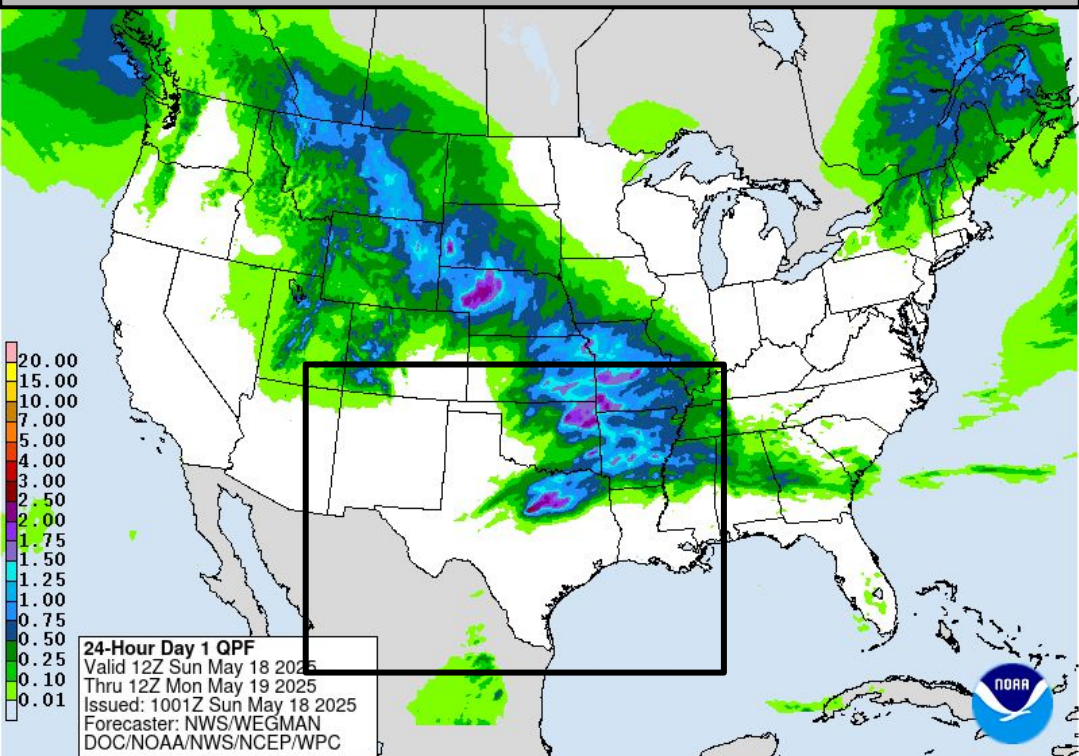


Today's Weather

Forecast Chart

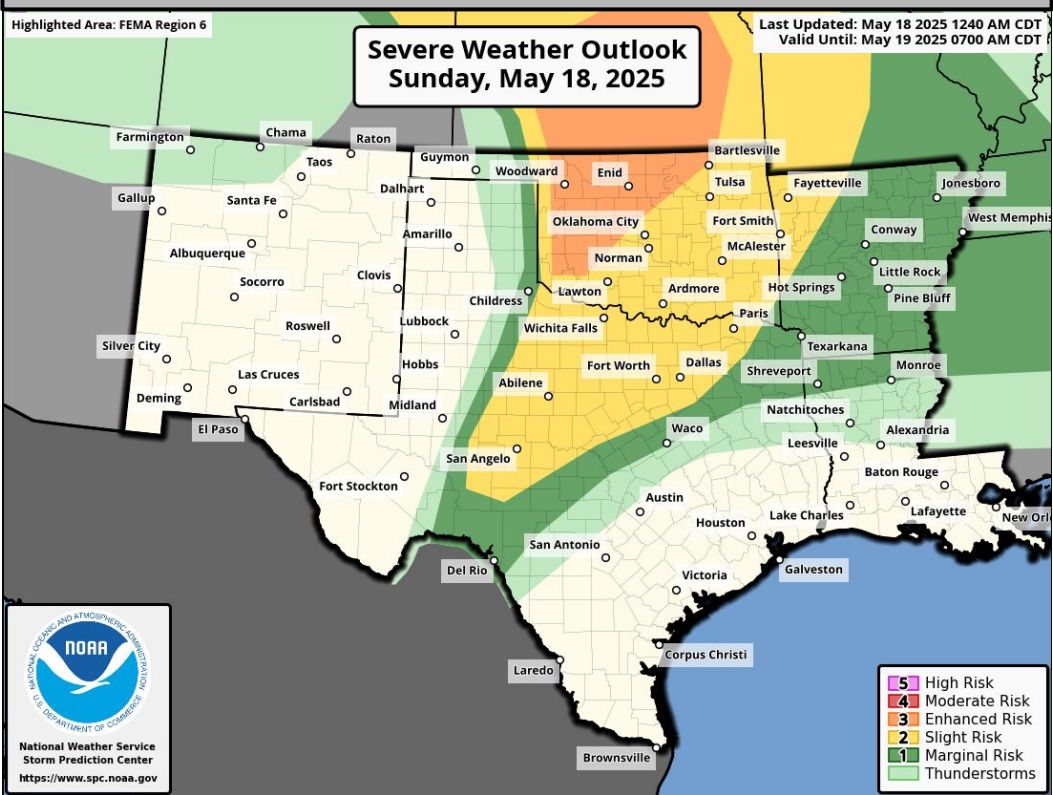


Forecast Rainfall

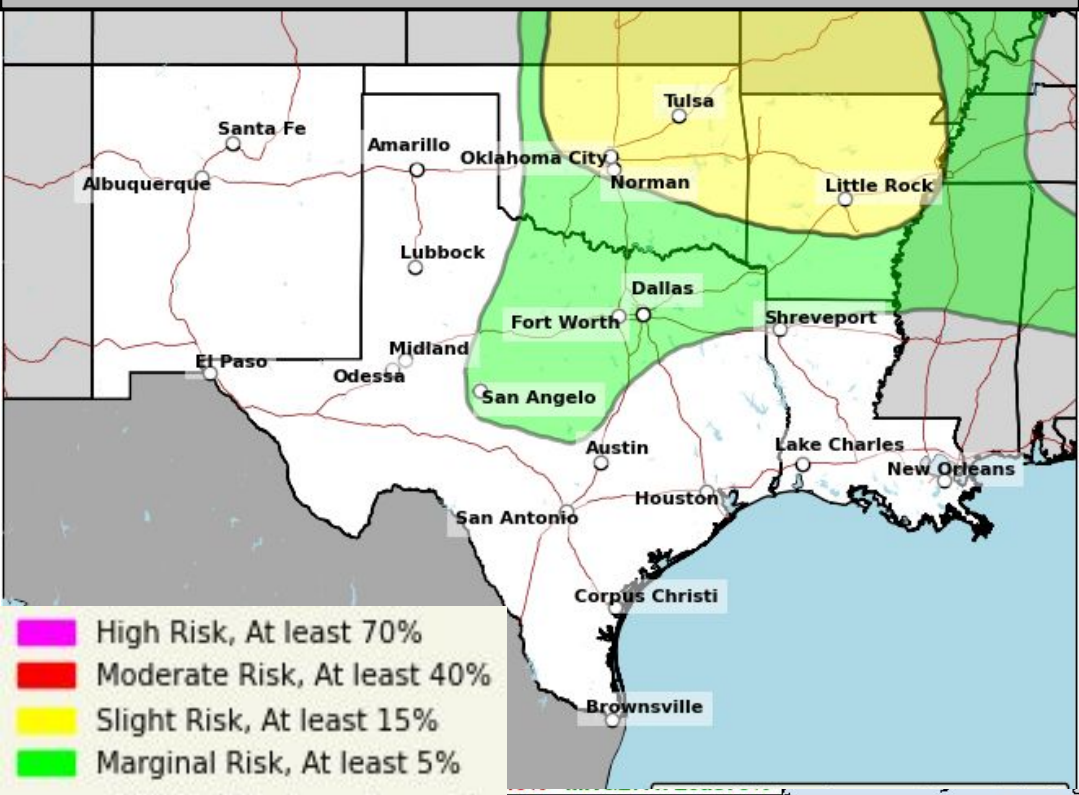


Slight to Enhanced risk (levels 2-3 of 5) for severe storms for OK, N/W TX, NW AR. Conditional strong tornado chance in Oklahoma. Tornado Timing: 4pm - 11pm.

Severe Weather Outlook



Excessive Rainfall Outlook



Elevated to critical (levels 1-2 of 3) fire weather concerns for S/C NM, Far W TX.

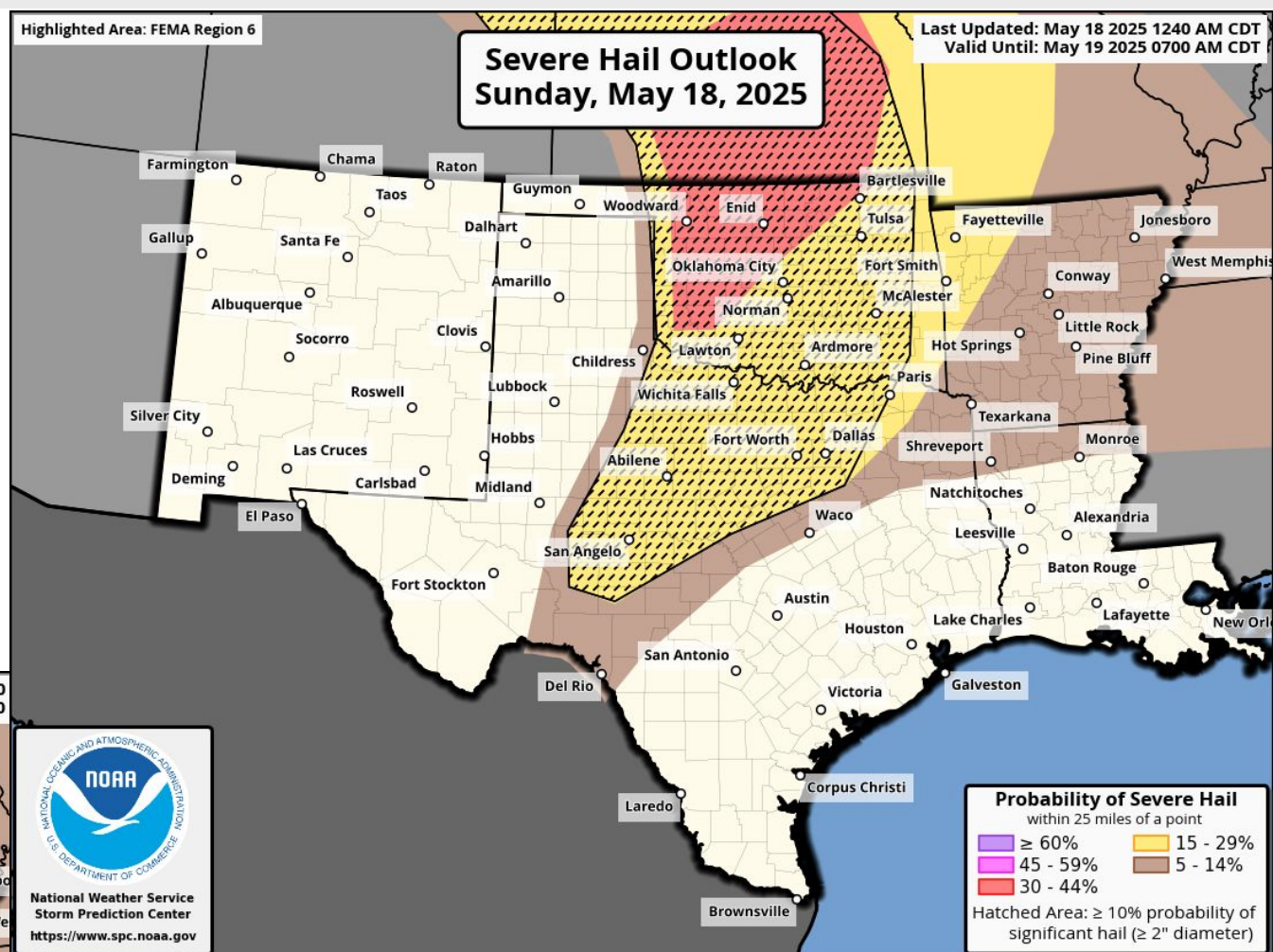
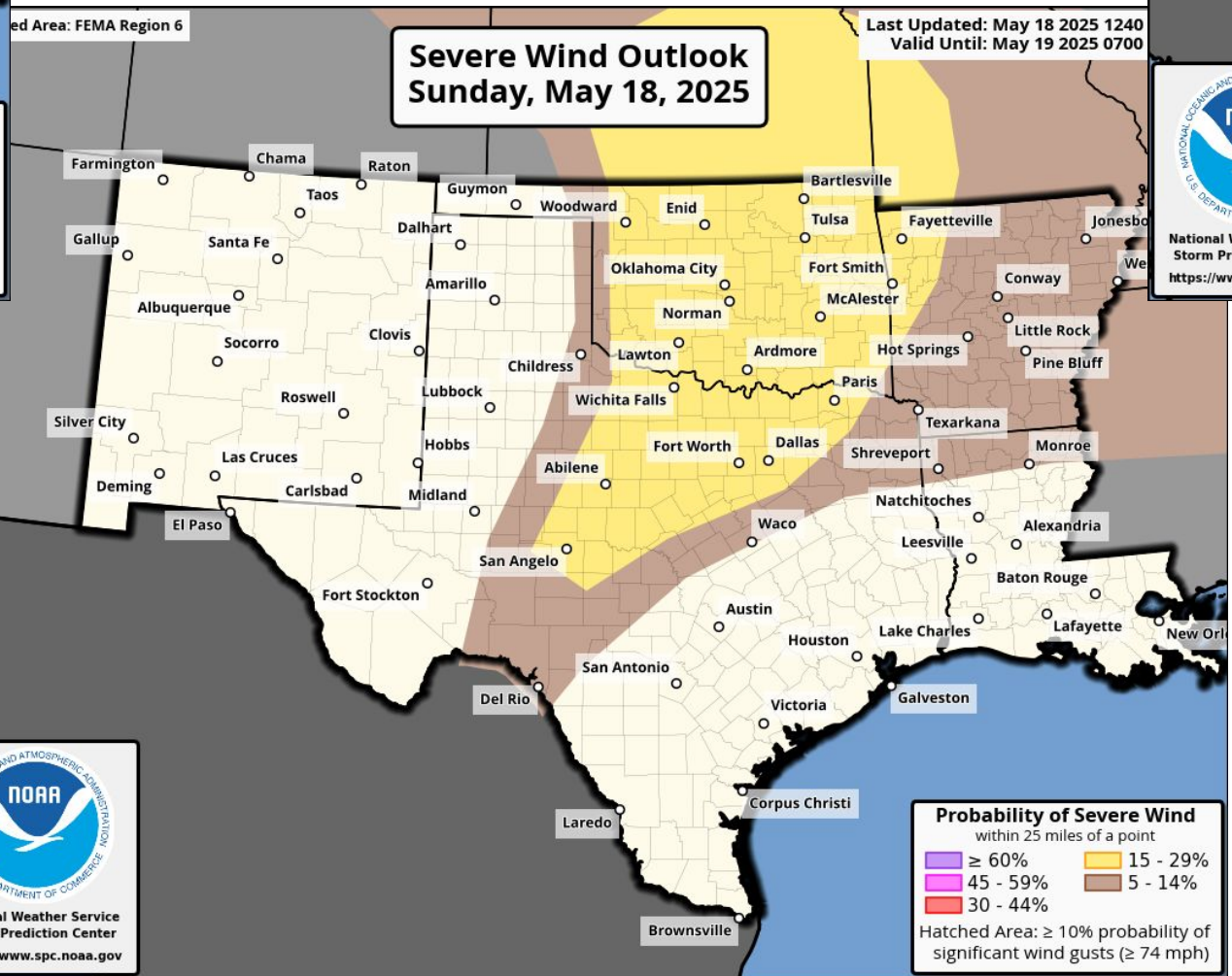
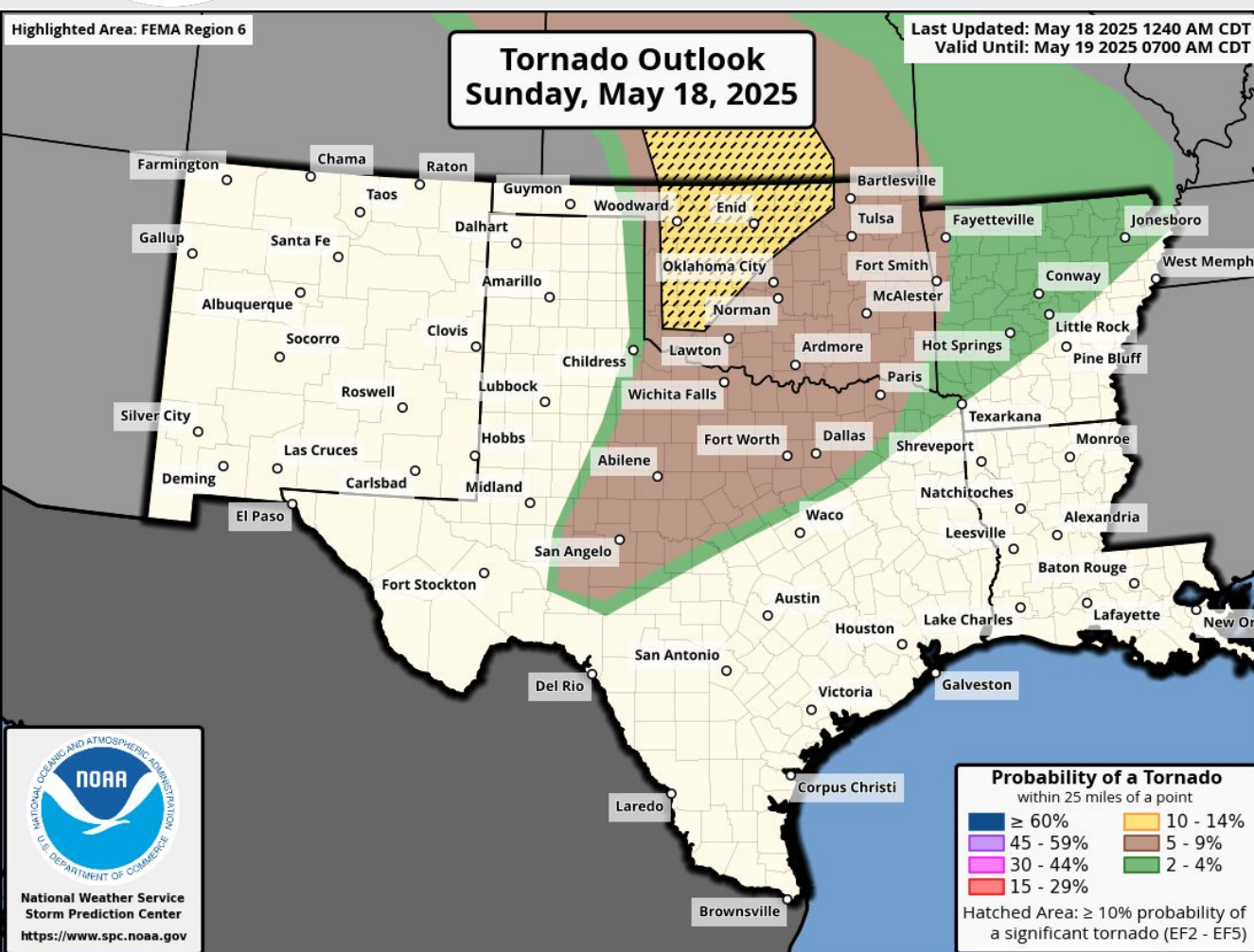
Slight risk (level 2 of 4) for flash flooding in N/E OK, N AR.

Temperatures exceeding 100 degrees in STX.



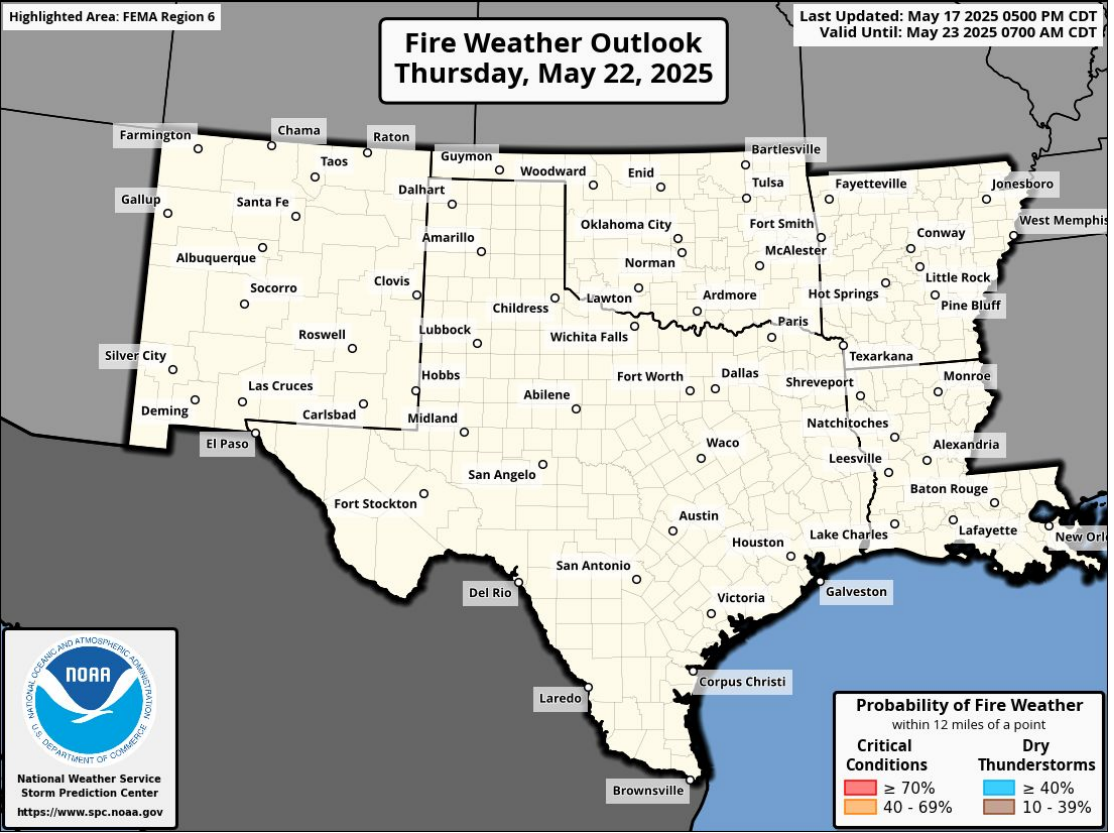
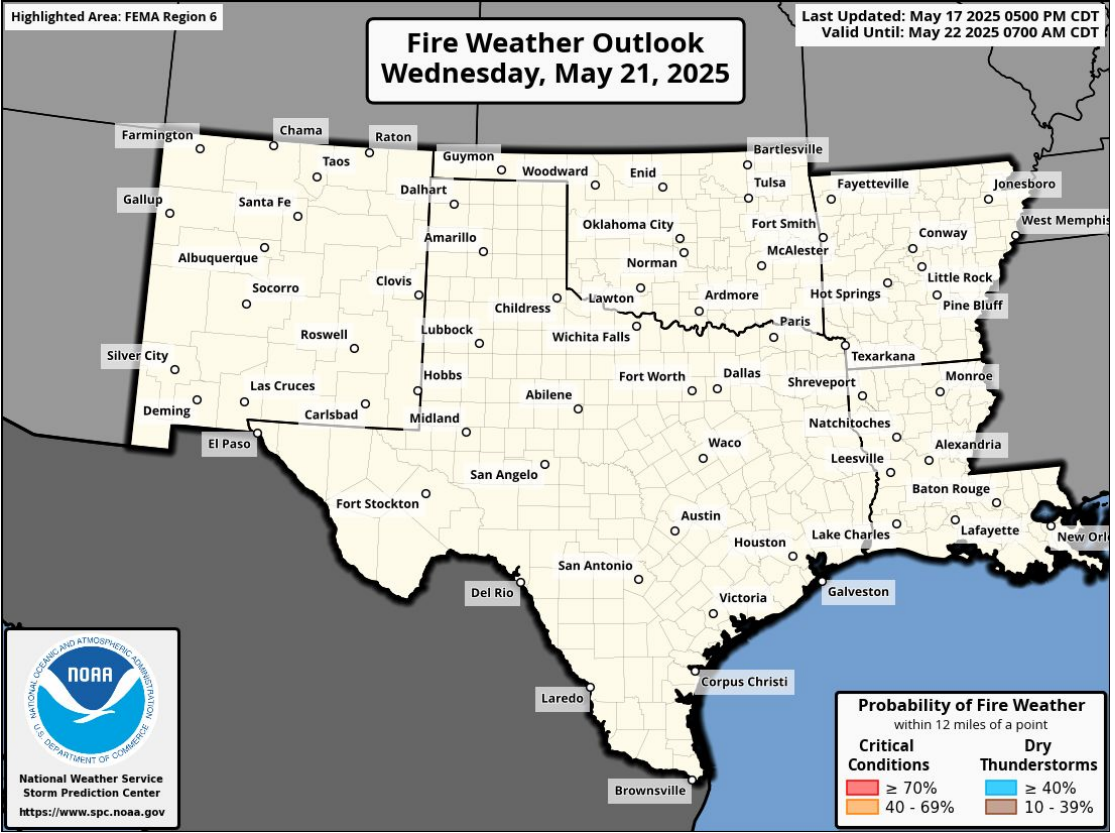
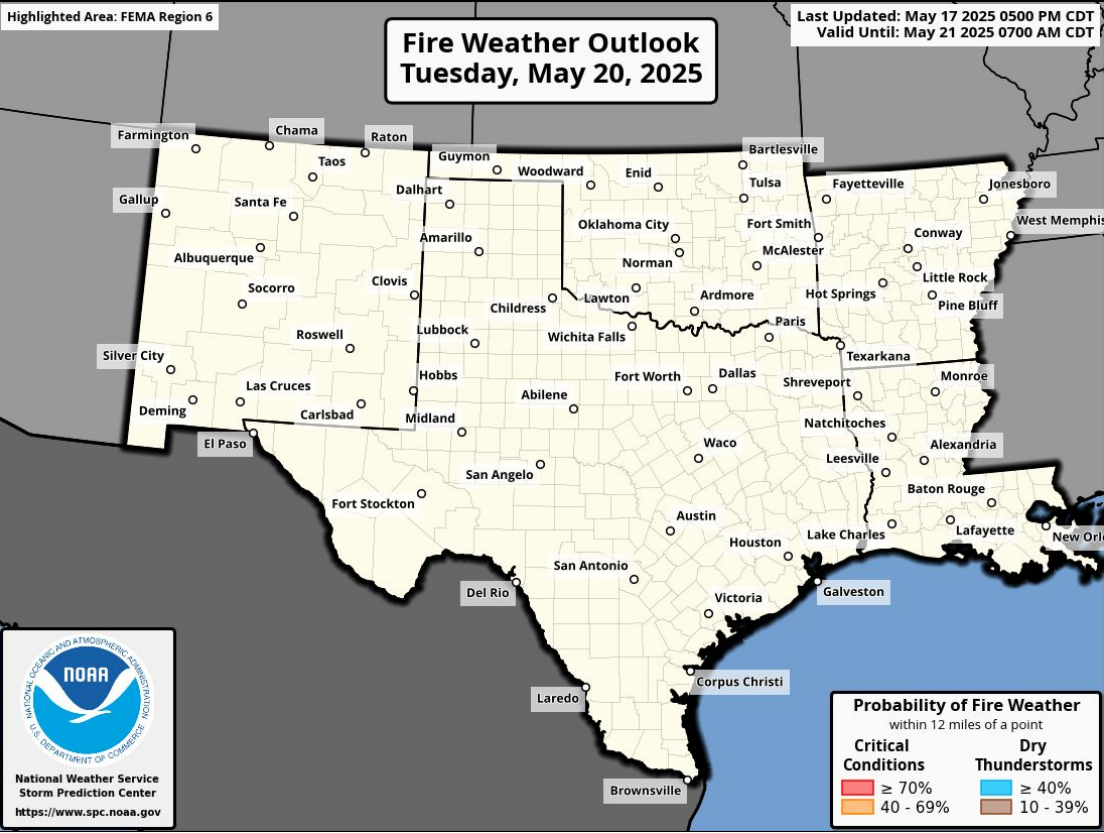
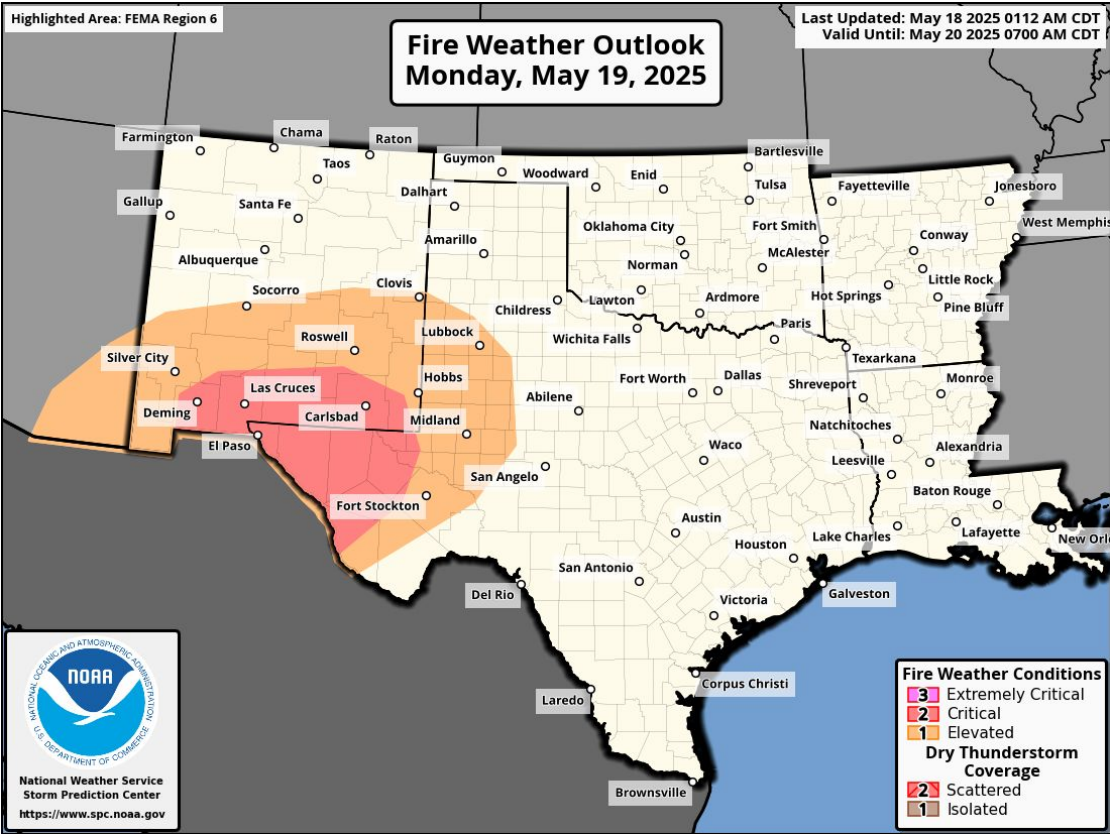
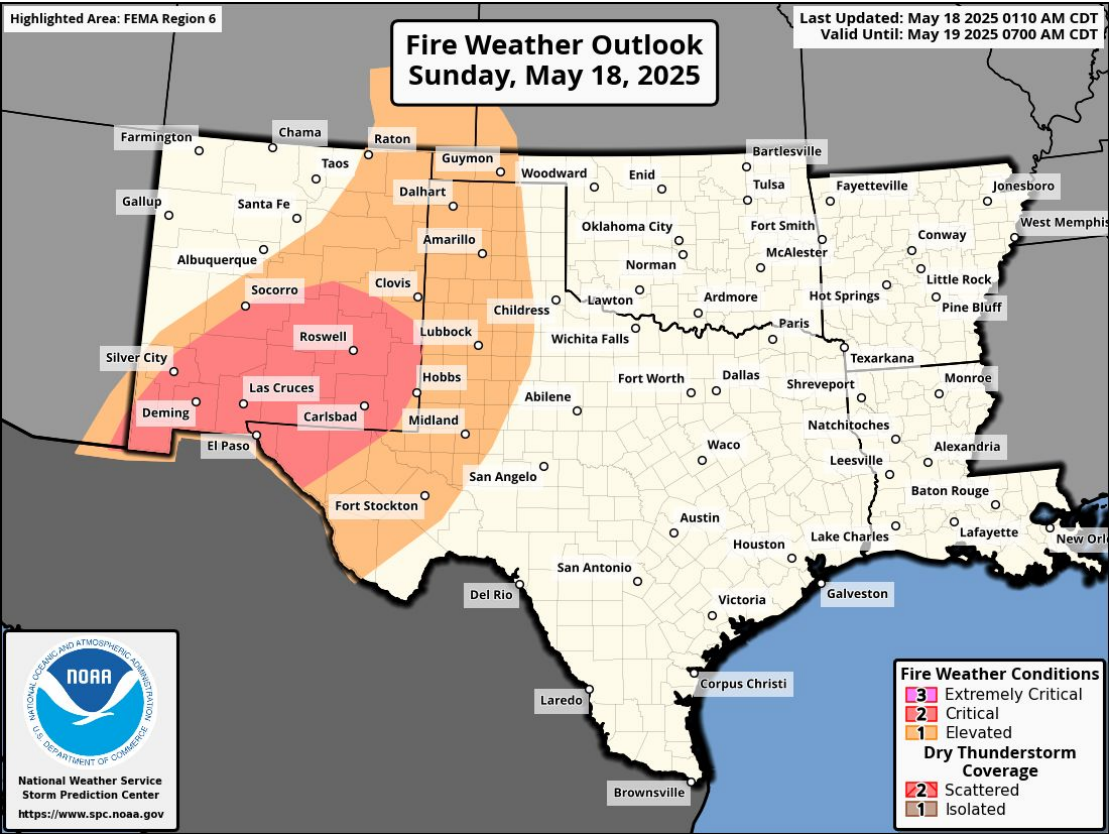
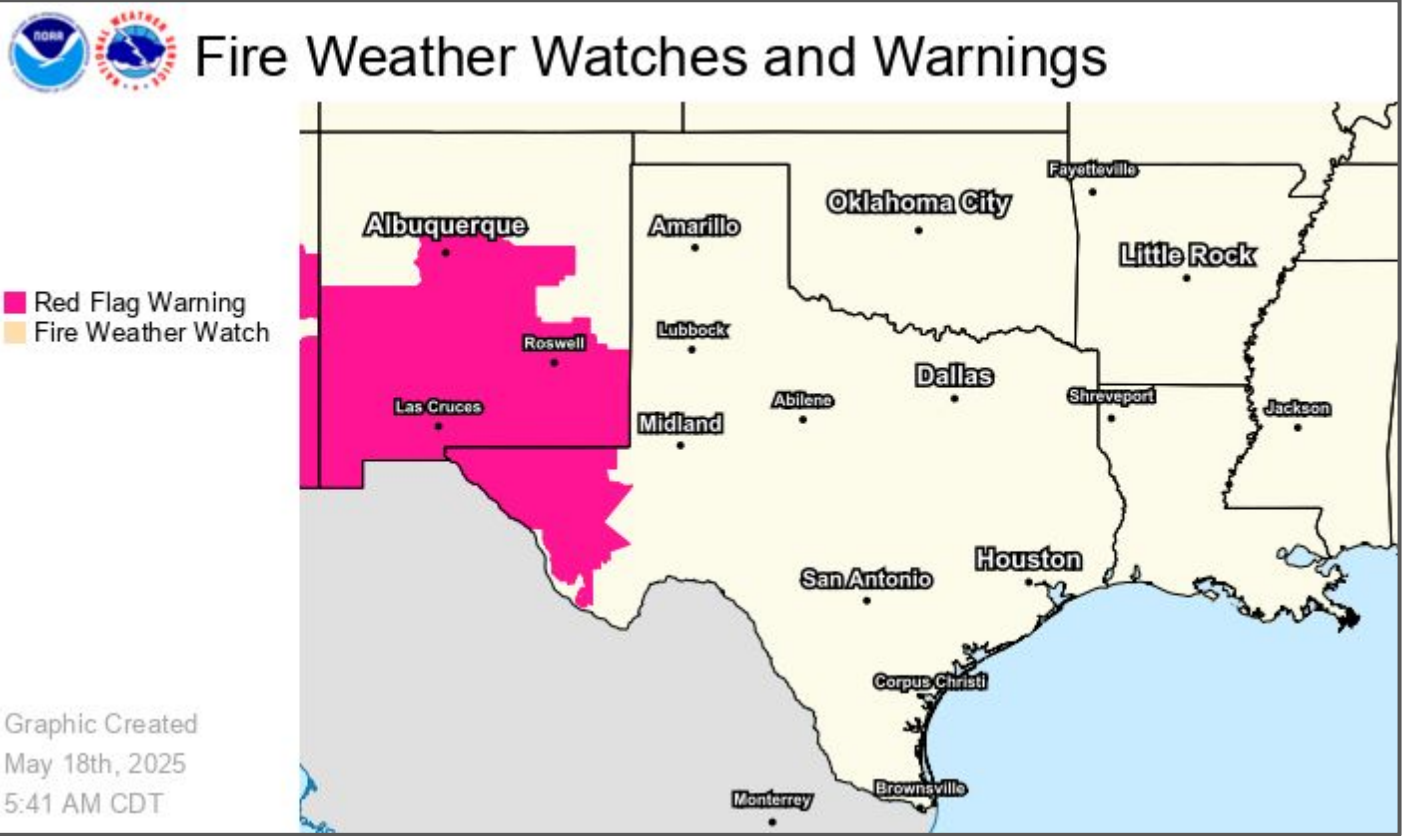


Today's Tornado & Severe Wind / Hail Probabilities



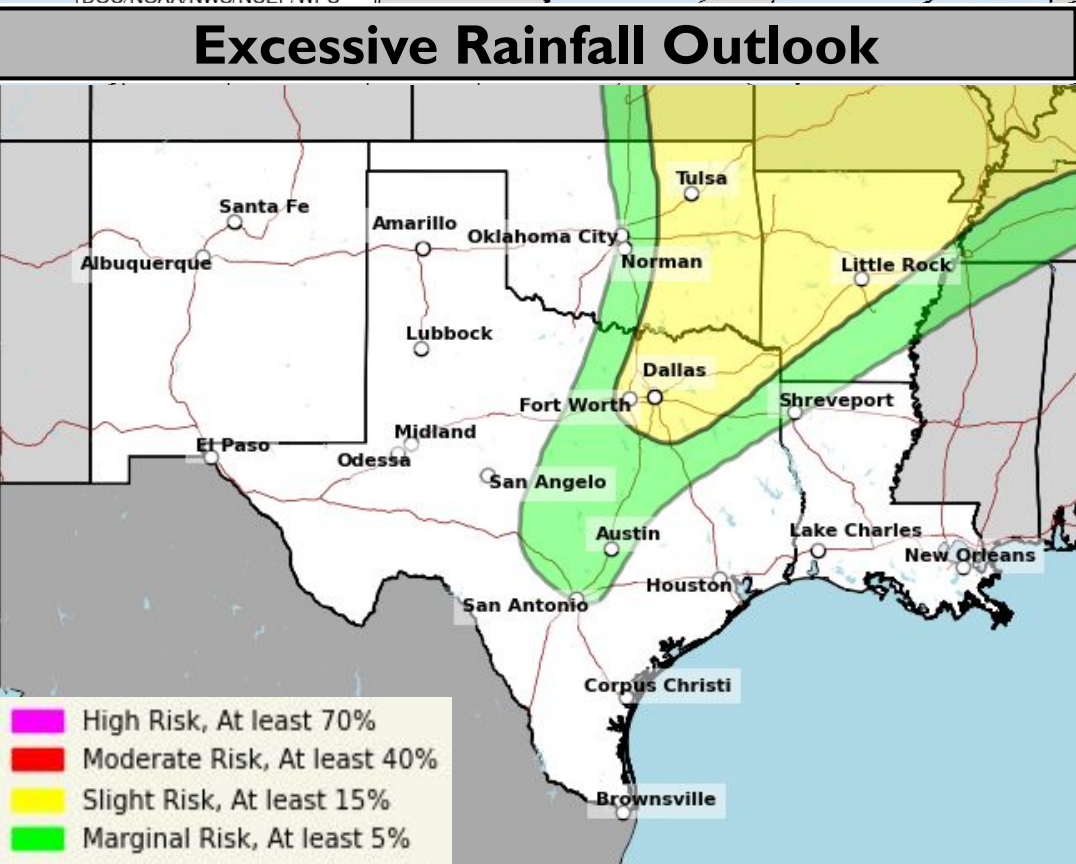
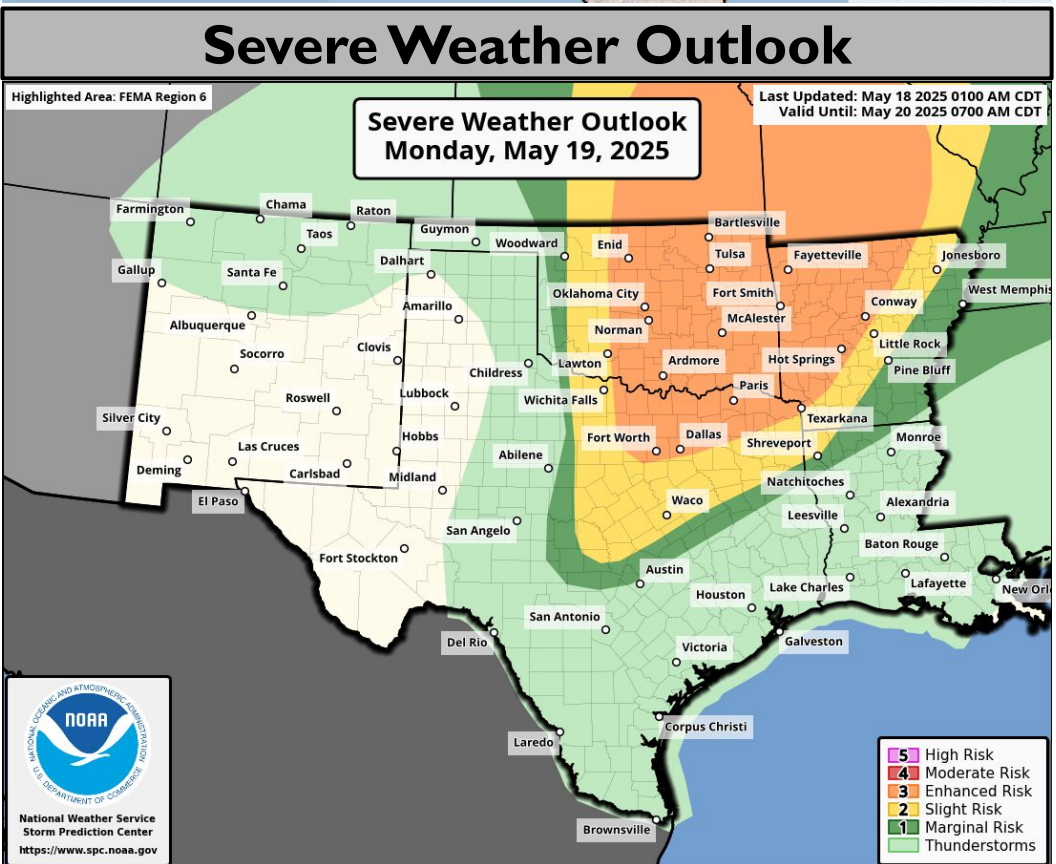
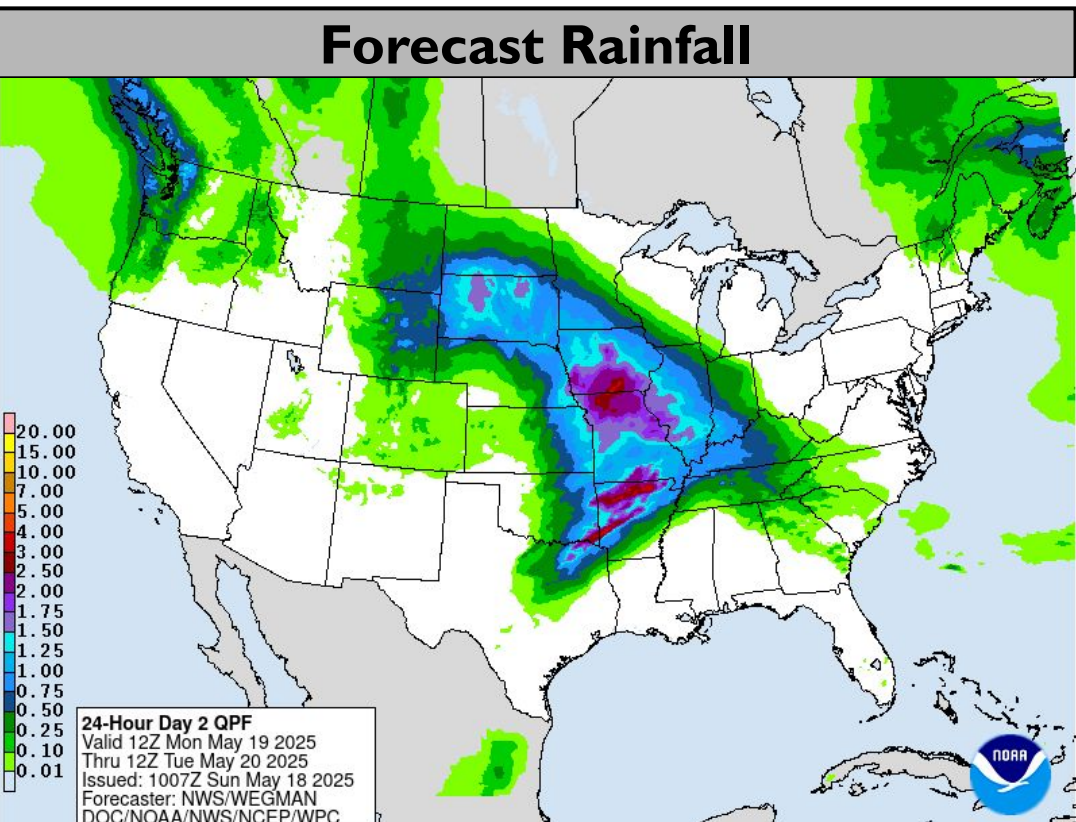
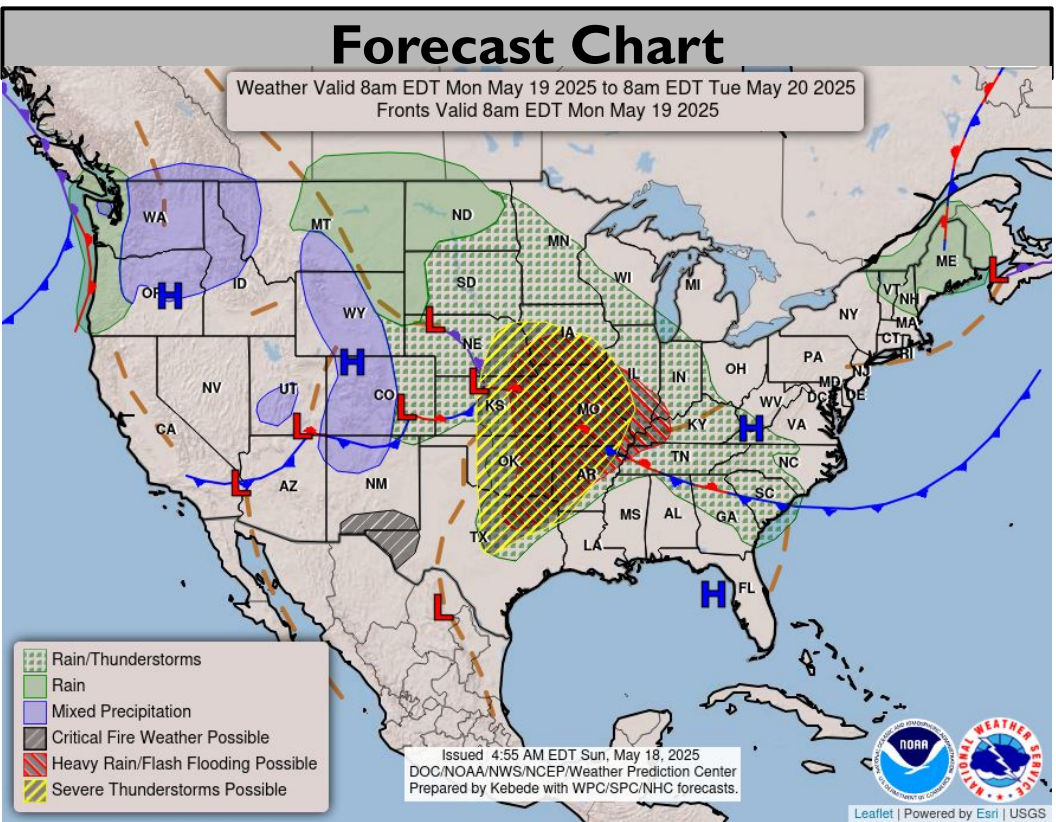


Fire Weather Outlooks





Tomorrow's Weather



Enhanced risk (level 3 of 5) for severe storms over C/E OK, NW AR, N TX. Conditional strong tornado threat in Oklahoma. Tornado Timing: afternoon - late evening.

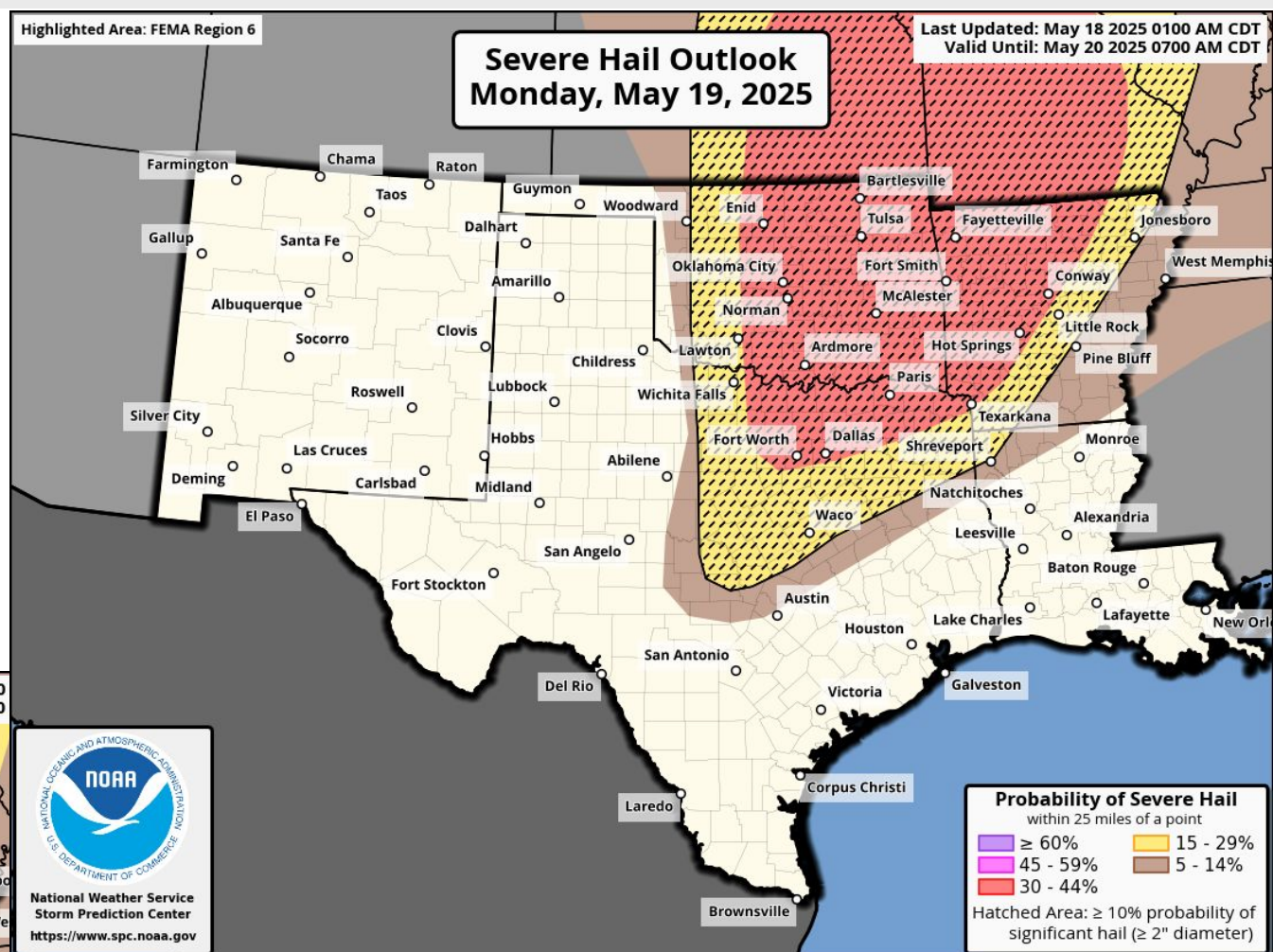
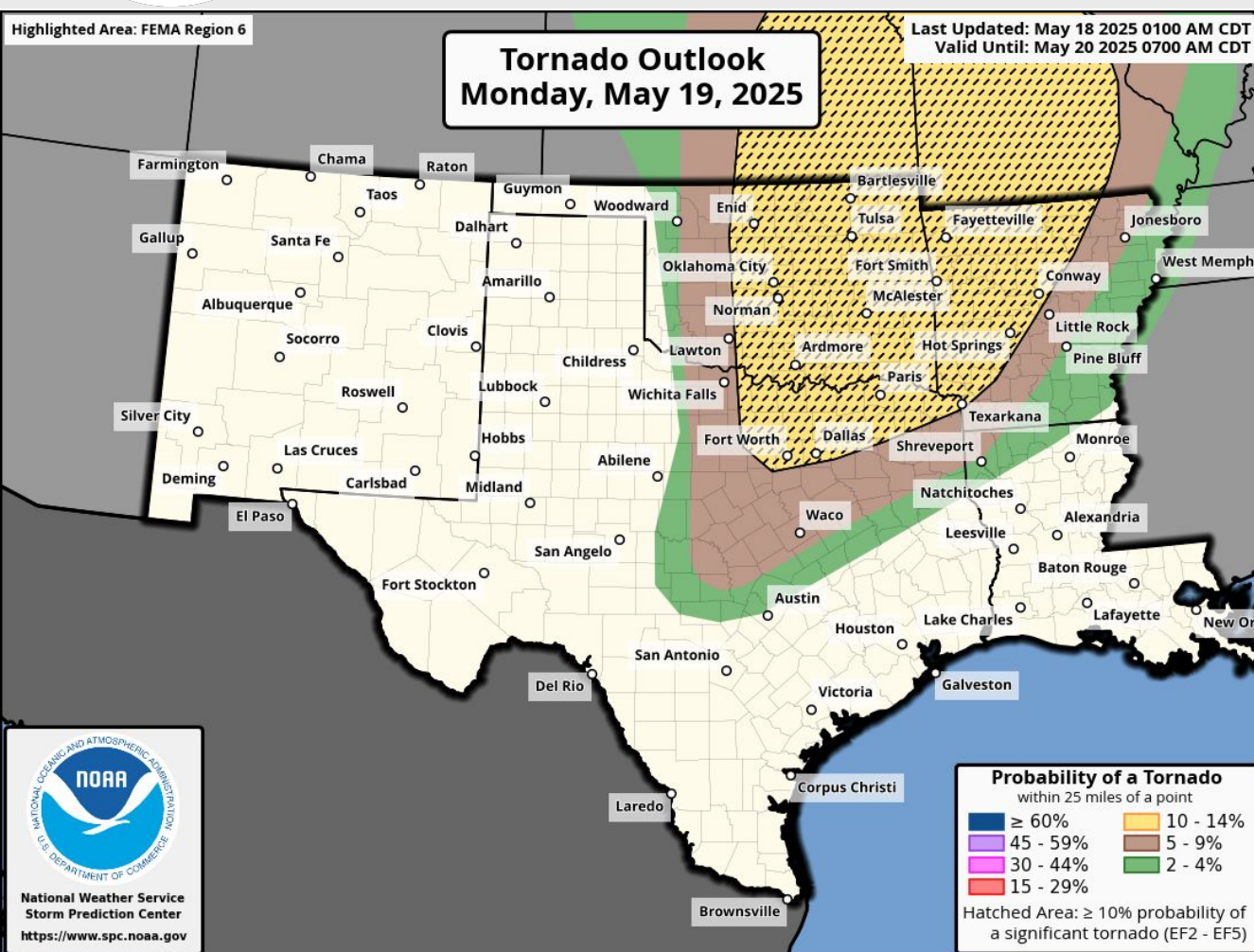
Elevated to critical (levels 1-2 of 3) fire weather concerns for S NM, Far W TX.

Temperatures exceeding 100 degrees in S TX.

Slight risk (level 2 of 4) for flash flooding in E OK, AR, N TX.



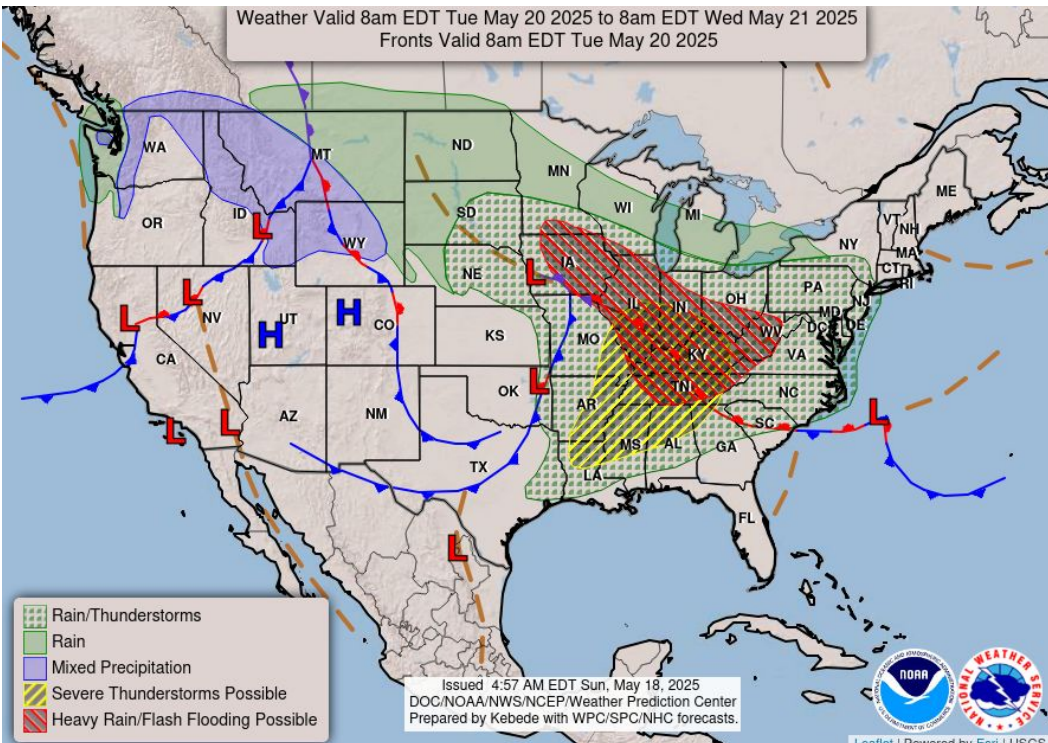
Tomorrow's Tornado & Severe Wind / Hail Probabilities



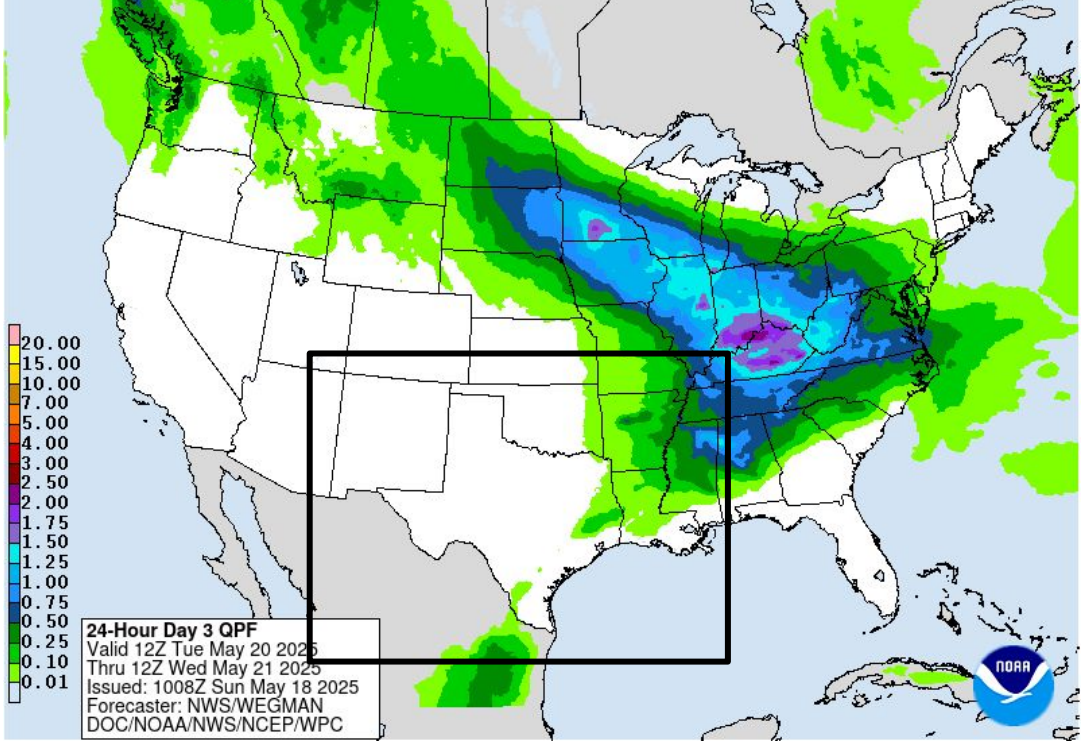


Tuesday's Weather

Forecast Chart



Forecast Rainfall

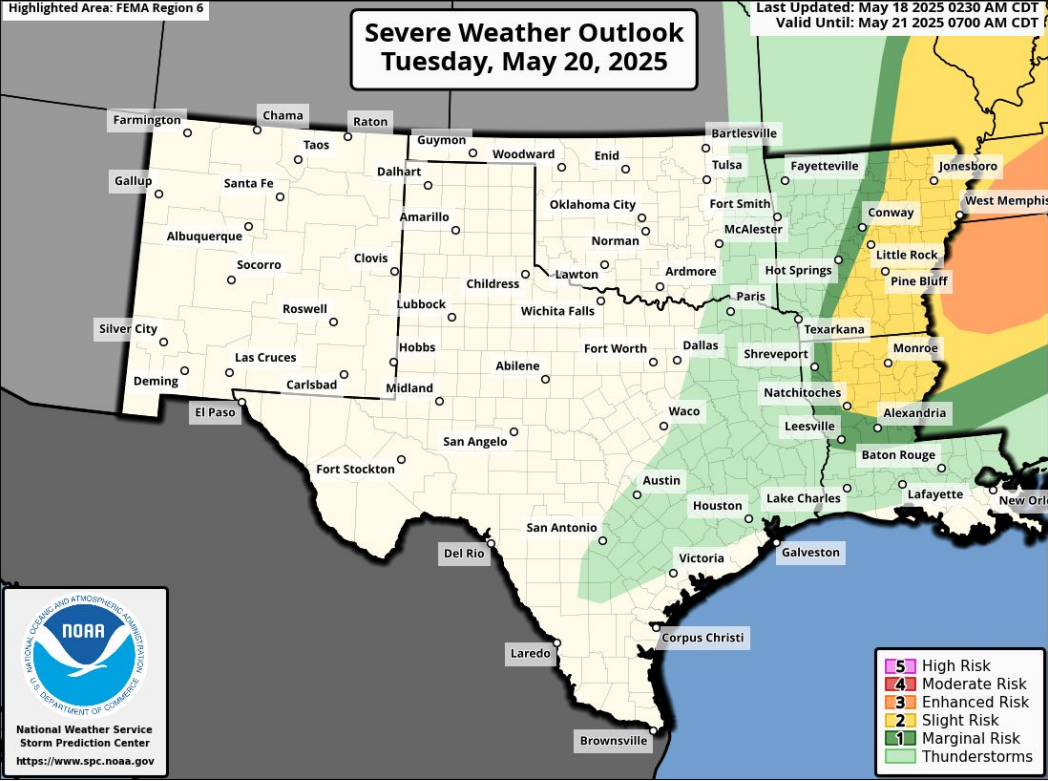


Slight risk for severe storms (level 2 of 5) over E AR, NE LA.

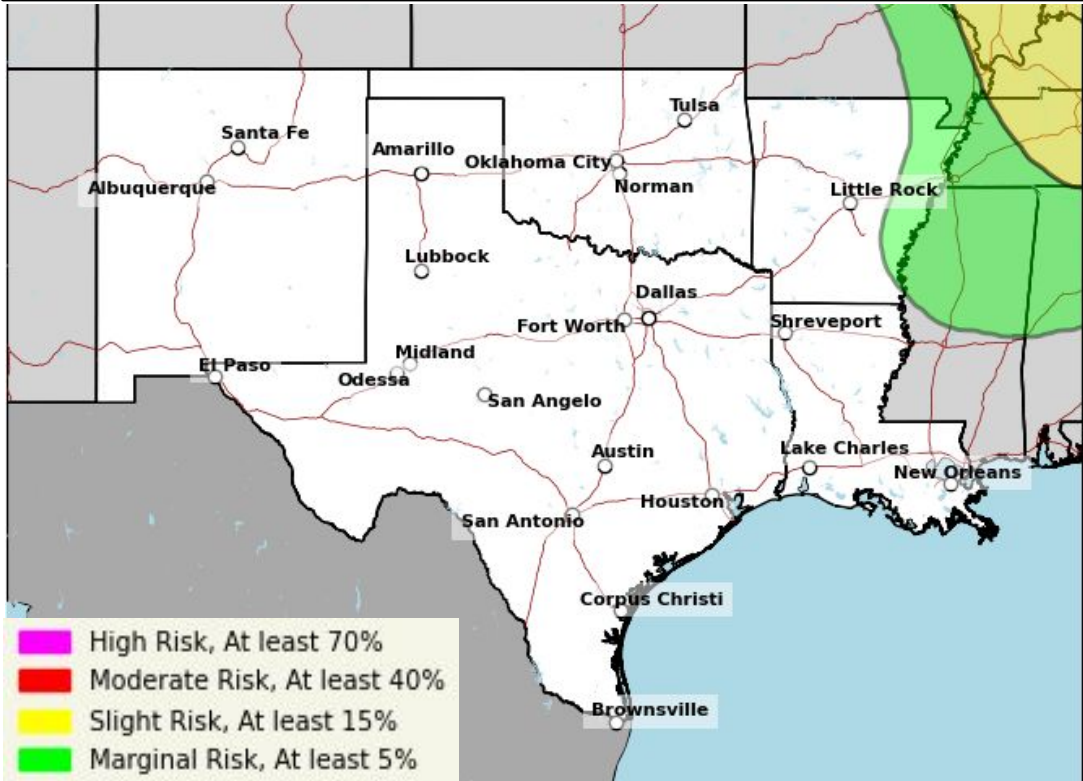
High temps over 100 degrees in S TX.

Marginal risk (level 1 of 4) for flash flooding in E AR.

Severe Weather Outlook



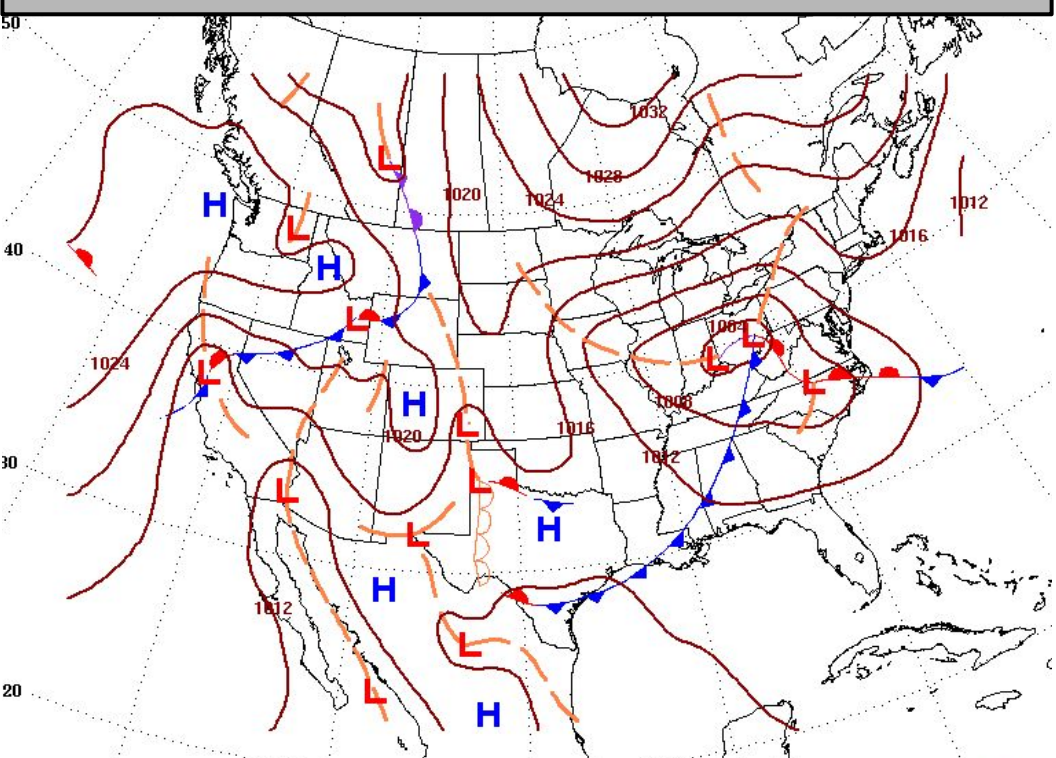
Excessive Rainfall Outlook



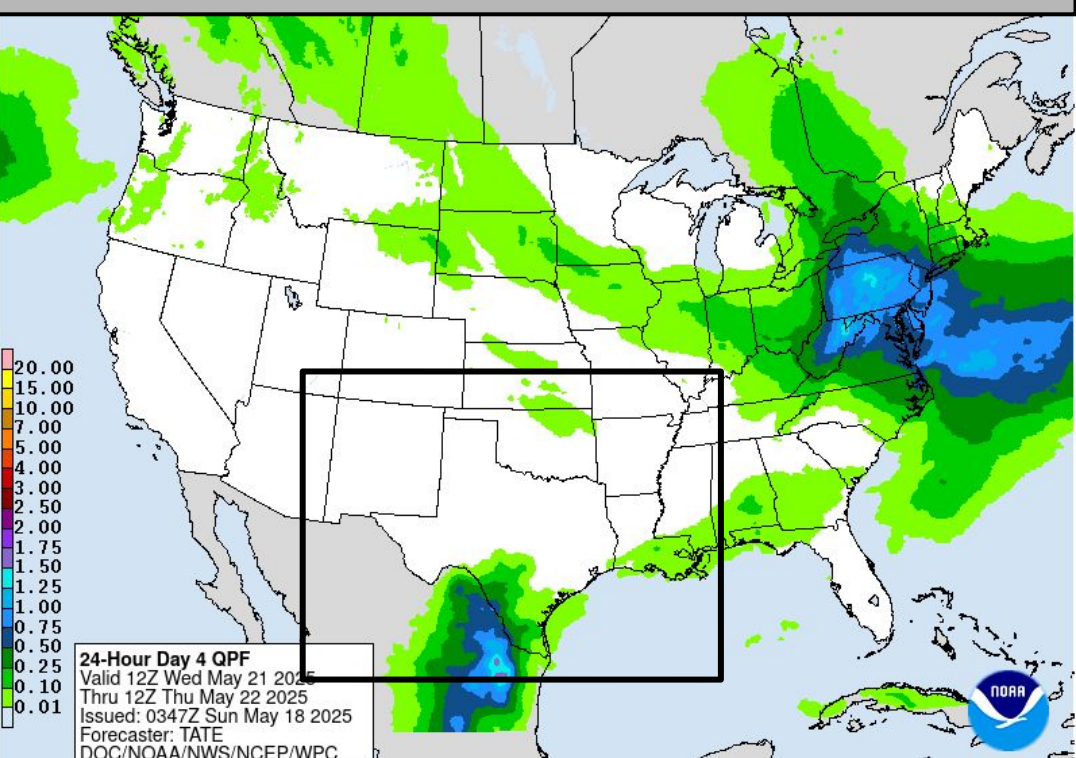


Wednesday's Weather

Forecast Chart

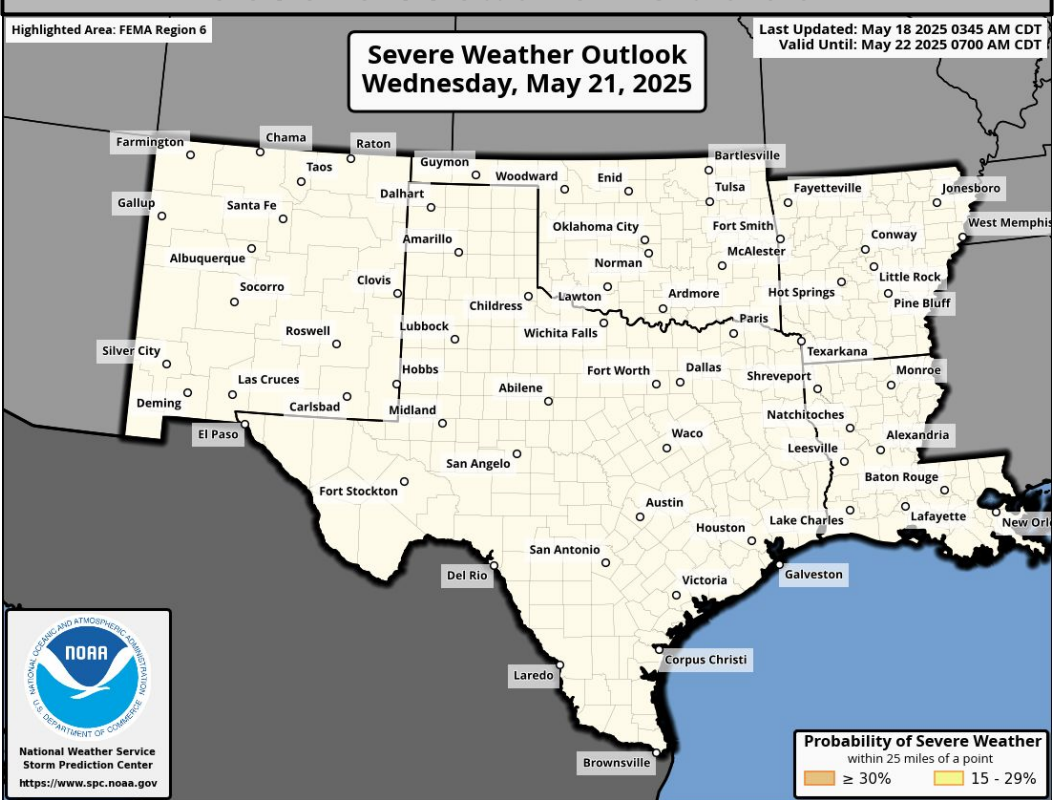


Forecast Rainfall

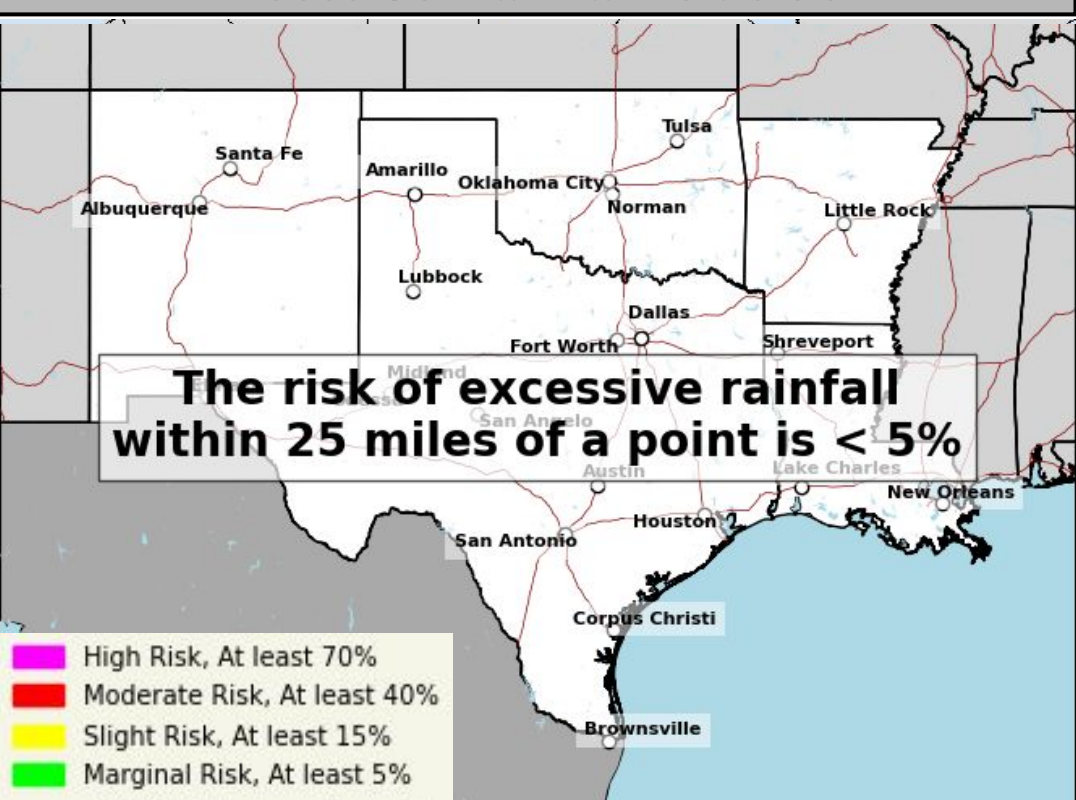


No significant weather expected.

Severe Weather Outlook



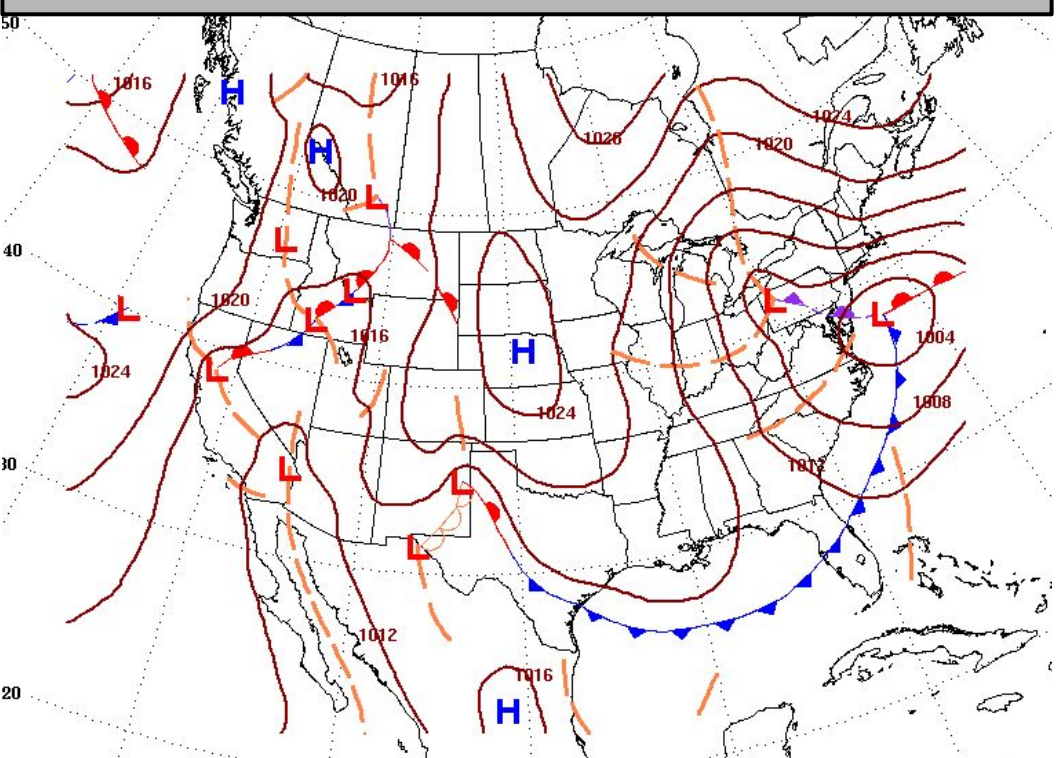
Excessive Rainfall Outlook



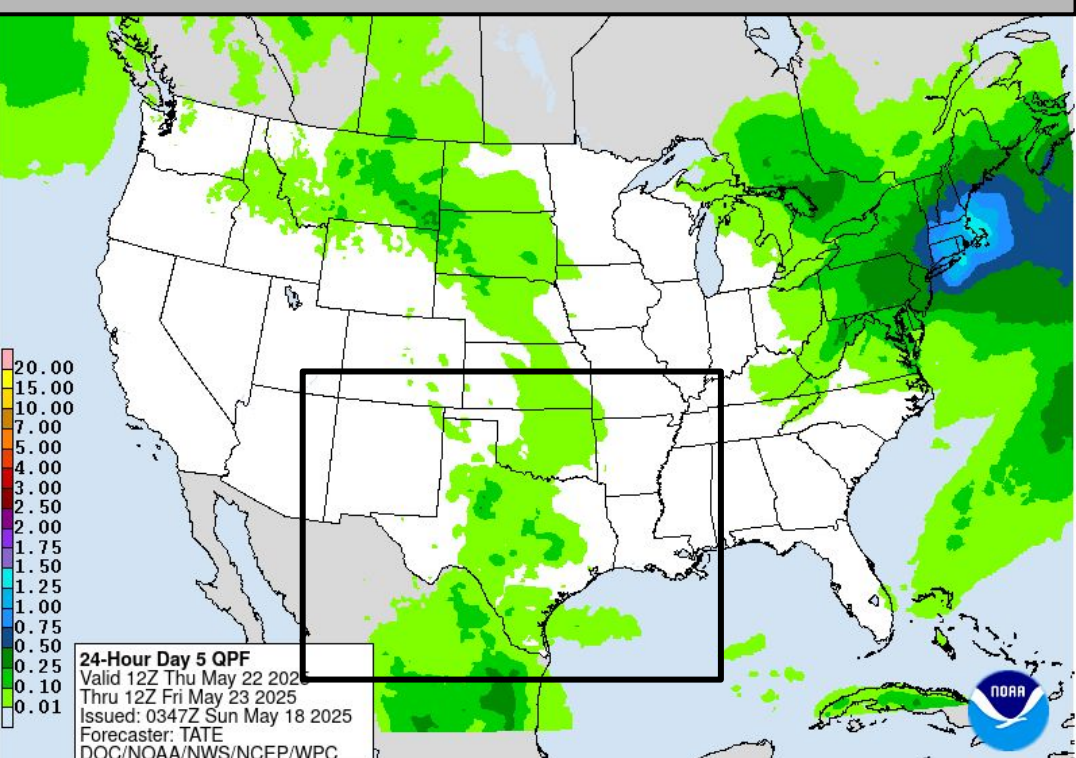


Thursday's Weather

Forecast Chart

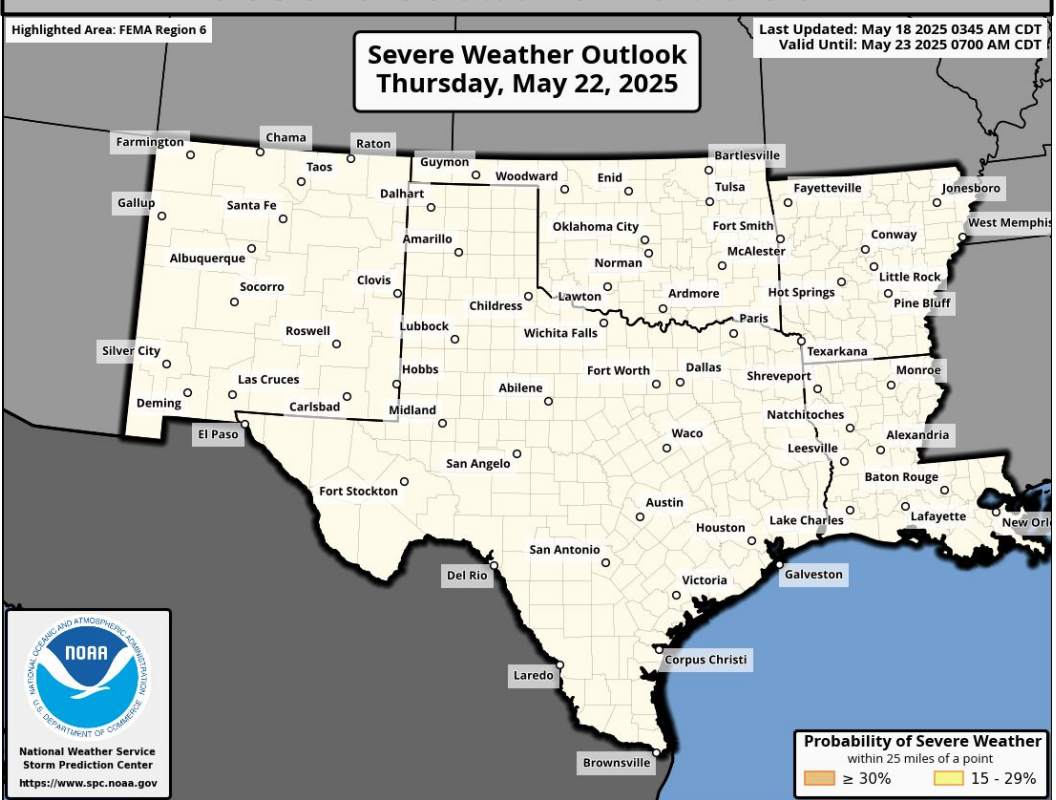


Forecast Rainfall

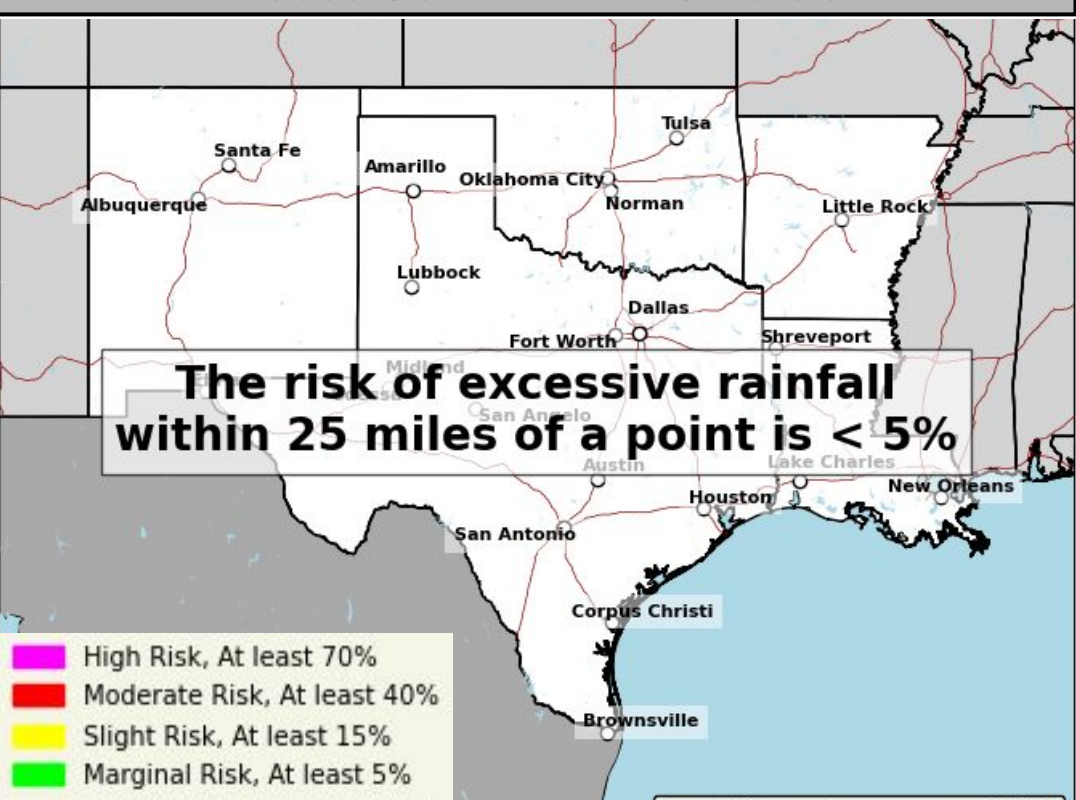


No significant weather expected.

Severe Weather Outlook



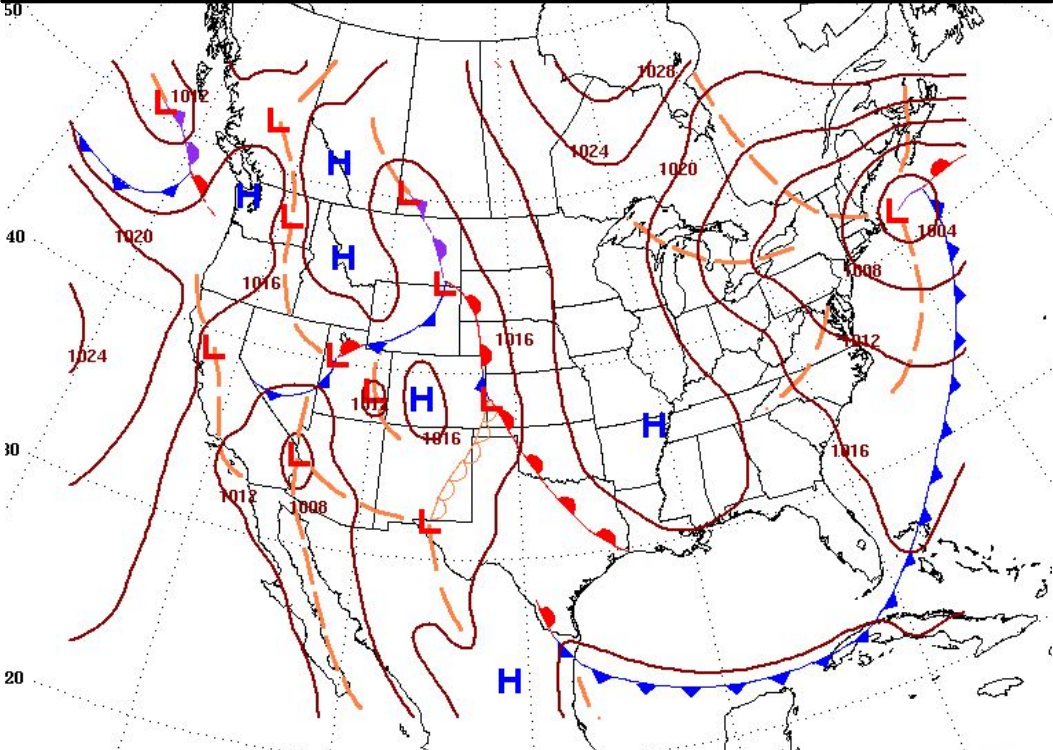
Excessive Rainfall Outlook



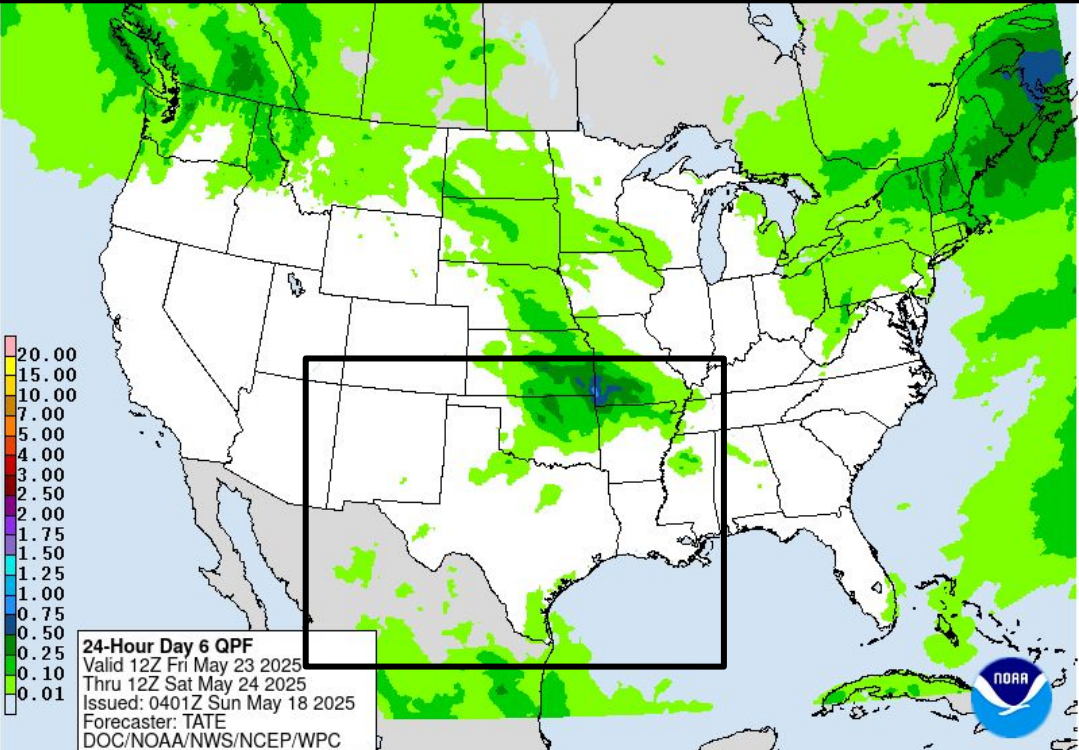


Friday's Weather

Forecast Chart

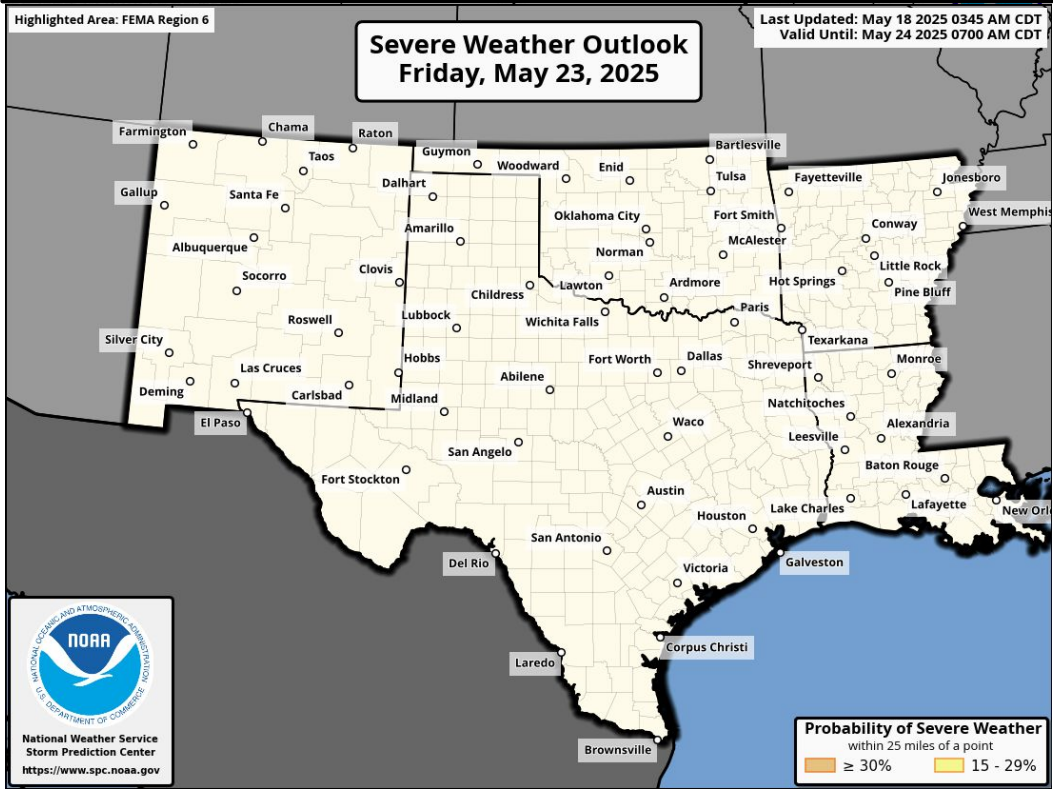


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



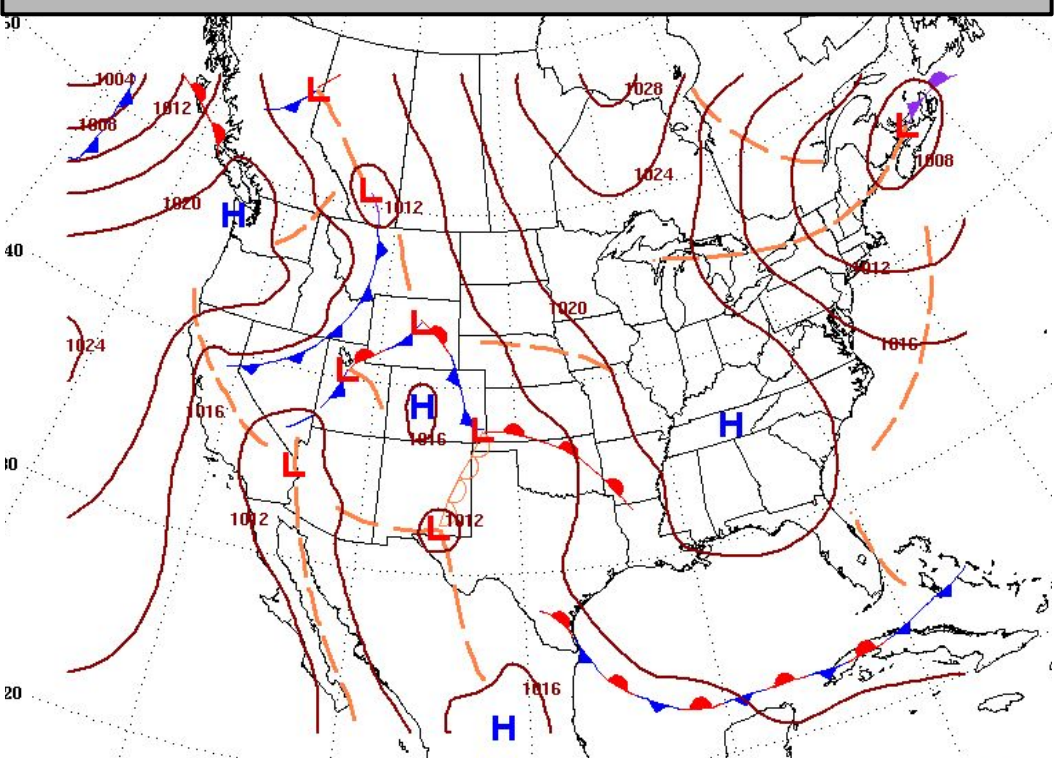
Excessive Rainfall Outlooks
not available beyond Day 5



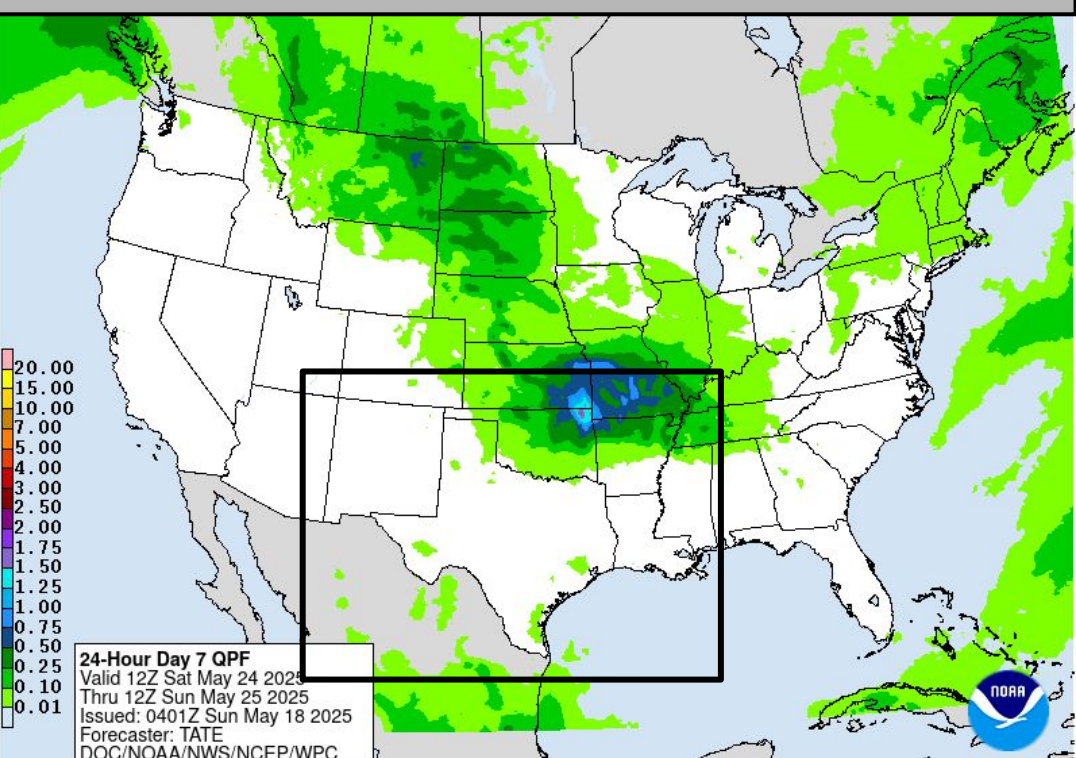


Saturday's Weather

Forecast Chart

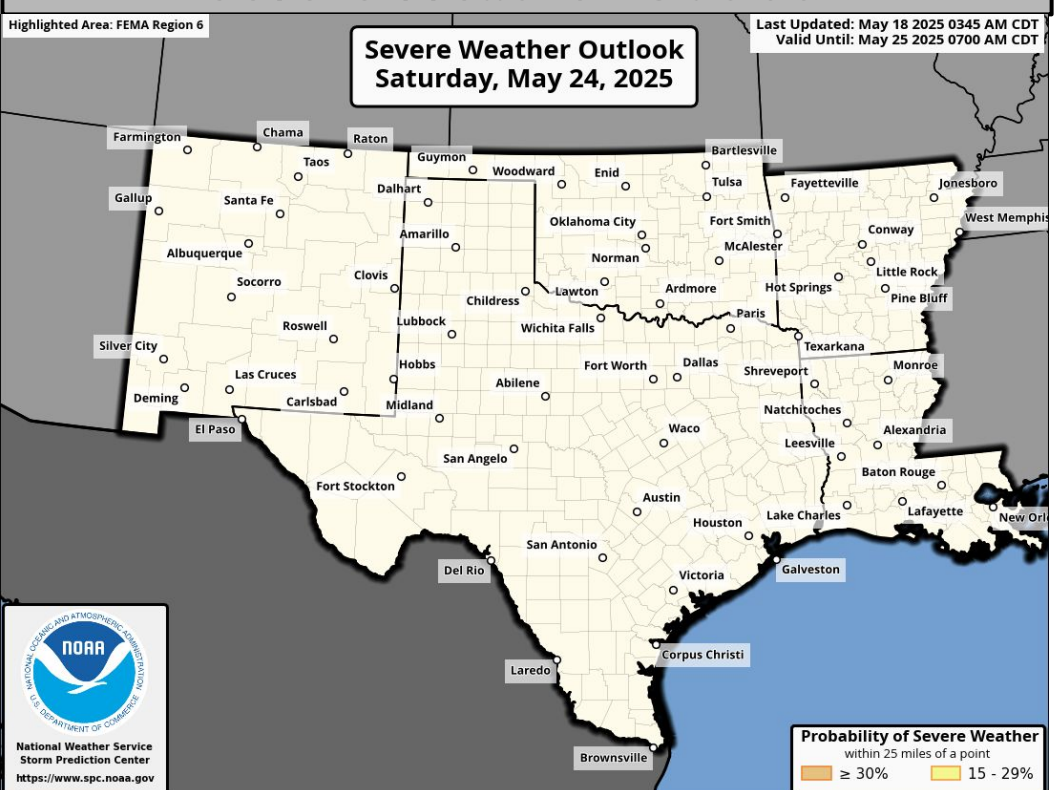


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook

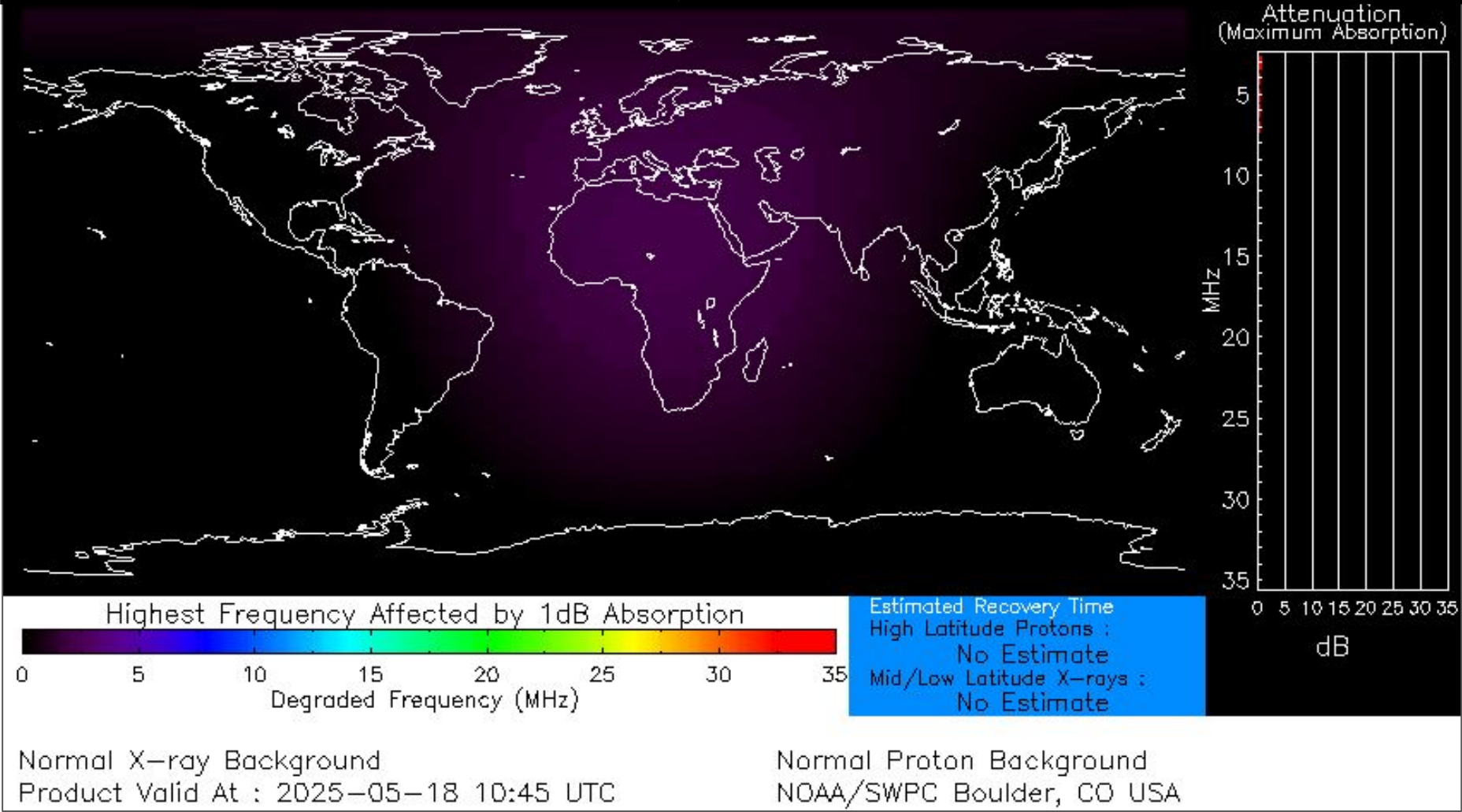


Excessive Rainfall Outlooks
not available beyond Day 5



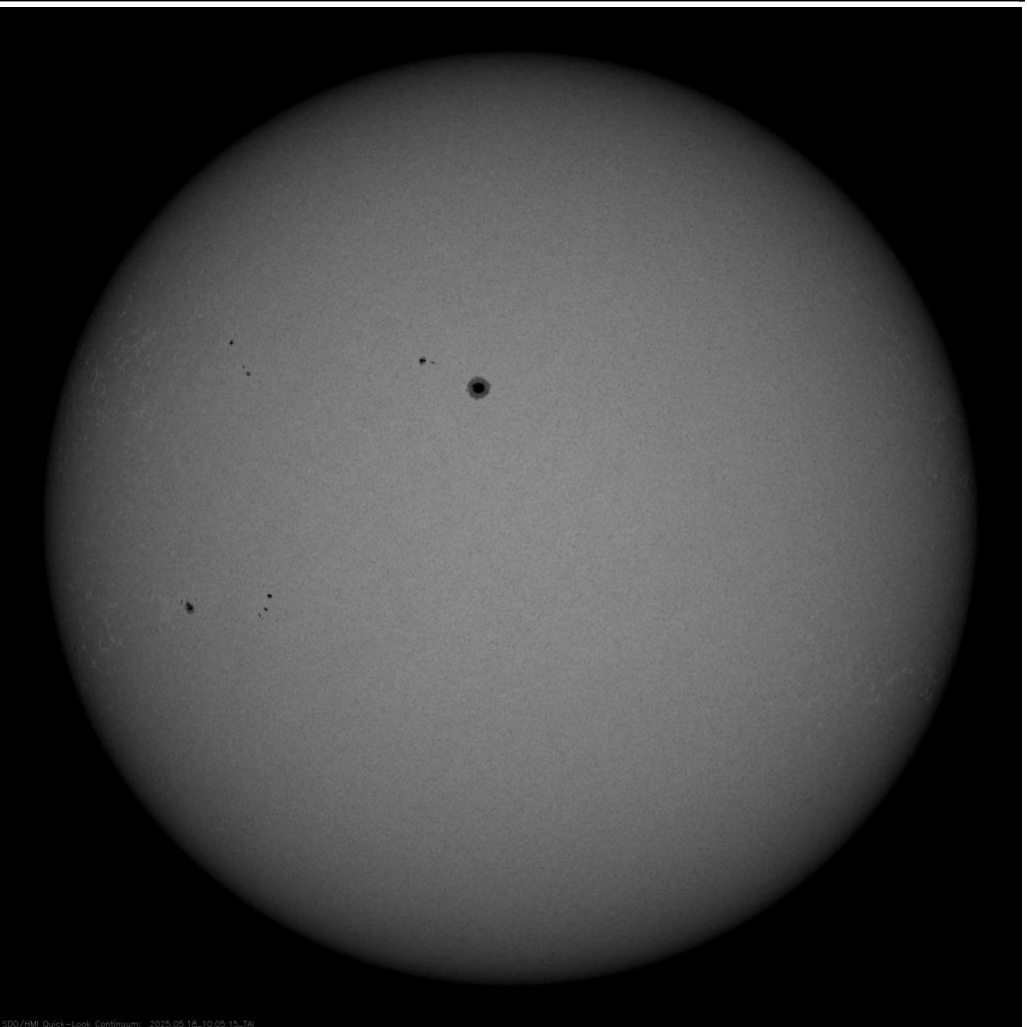
Space Weather 3-Day Forecast

	Sunday, May 18	Monday, May 19	Tuesday, May 20
Geomagnetic Storms	Minor G1 Storm (Max Kp = 5)	Active (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	35%	35%	35%
Radio Blackout (R3-R5)	10%	10%	10%



[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	Little to None Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	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"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as seabreeze storms in coastal TX
Yellow	Minor Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	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"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Moderate Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	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"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Major Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	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"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Extreme 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	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"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to
sr-srh.roc@noaa.gov



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