



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Sunday, June 01, 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.





Summary

- **Severe Storms**: Slight risk (level 2 of 5) over SE TX today; Slight risk TX/OK Panhandles tomorrow; Slight risk on Tuesday for OK, N TX.
- **Flash Flooding**: Additional rainfall over burn scars may occur through Tuesday in C NM, leading to burn scar flash flooding. Tuesday-Saturday of this week, heavy rain is forecast to impact portions of the Southern Plains, leading to chances of flash flooding.
- **Space Weather Update**: Geomagnetic Activity is expected to increase through this evening and tomorrow. Geomagnetic Storm Watch has been issued by the Space Weather Prediction Center (SWPC).
- **Minor river flooding in AR, E TX, and LA continues this week. Rainfall in the Southern Plains later this week may lead to river rises in OK, AR, and TX.**





FEMA Region 6 Threat Matrix

Next 7 days

	Sunday, Jun 1	Monday, Jun 2	Tuesday, Jun 3	Wednesday, Jun 4	Thursday, Jun 5	Friday, Jun 6	Saturday, Jun 7
Severe Storms	SETX	TX/OK Panhandles	OK, NTX				
Heavy Rain / Flash Flooding	C NM, SETX	N/C NM	C OK, NTX	OK, W AR, N/CTX	S OK, W AR, N/CTX	OK	OK, AR
Fire Weather							
Heat							
River Flooding	AR, ETX, LA	AR, ETX, LA	AR, ETX, LA	AR, ETX, LA	AR, ETX, LA	AR, ETX, LA	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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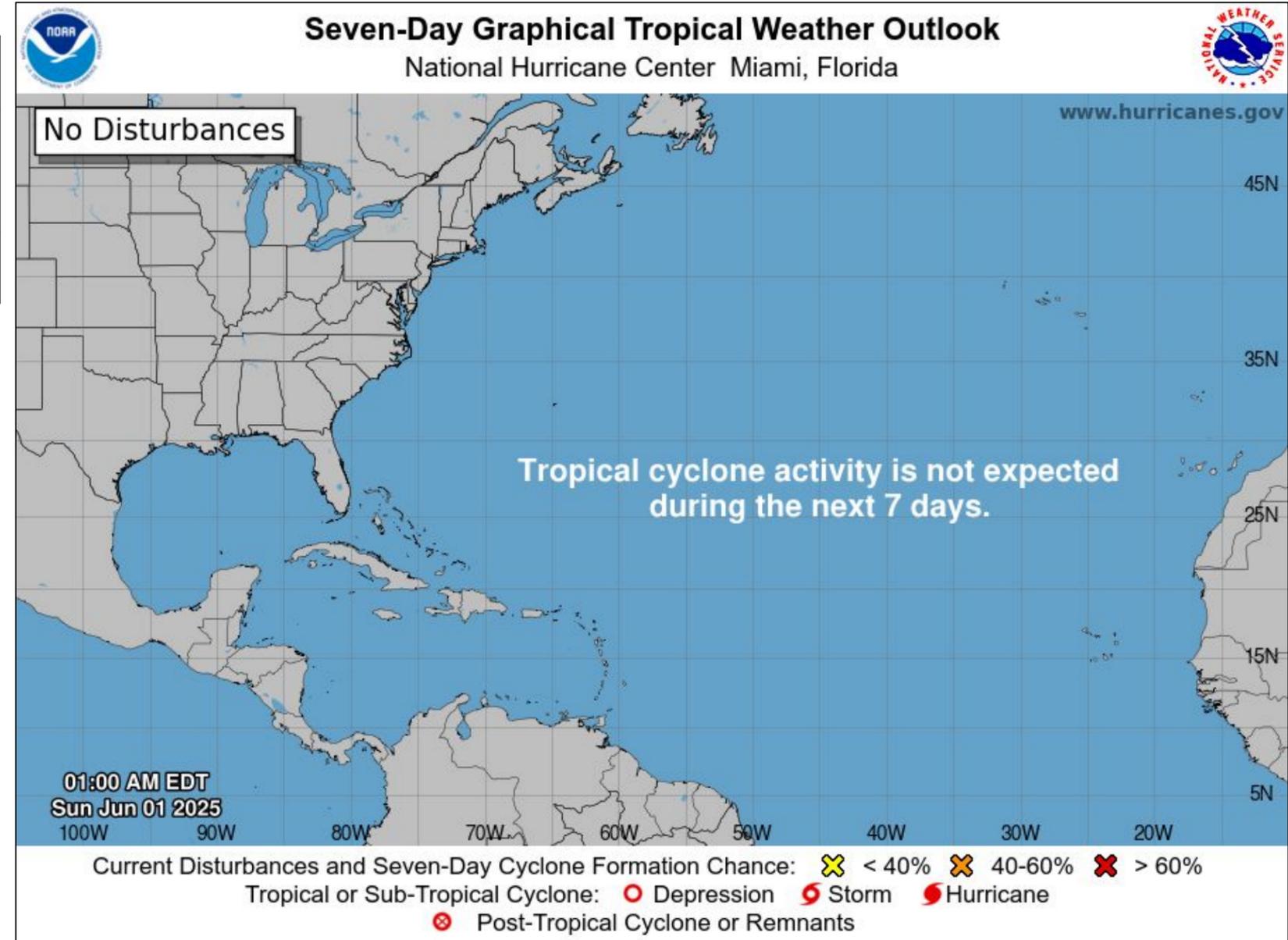
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	-

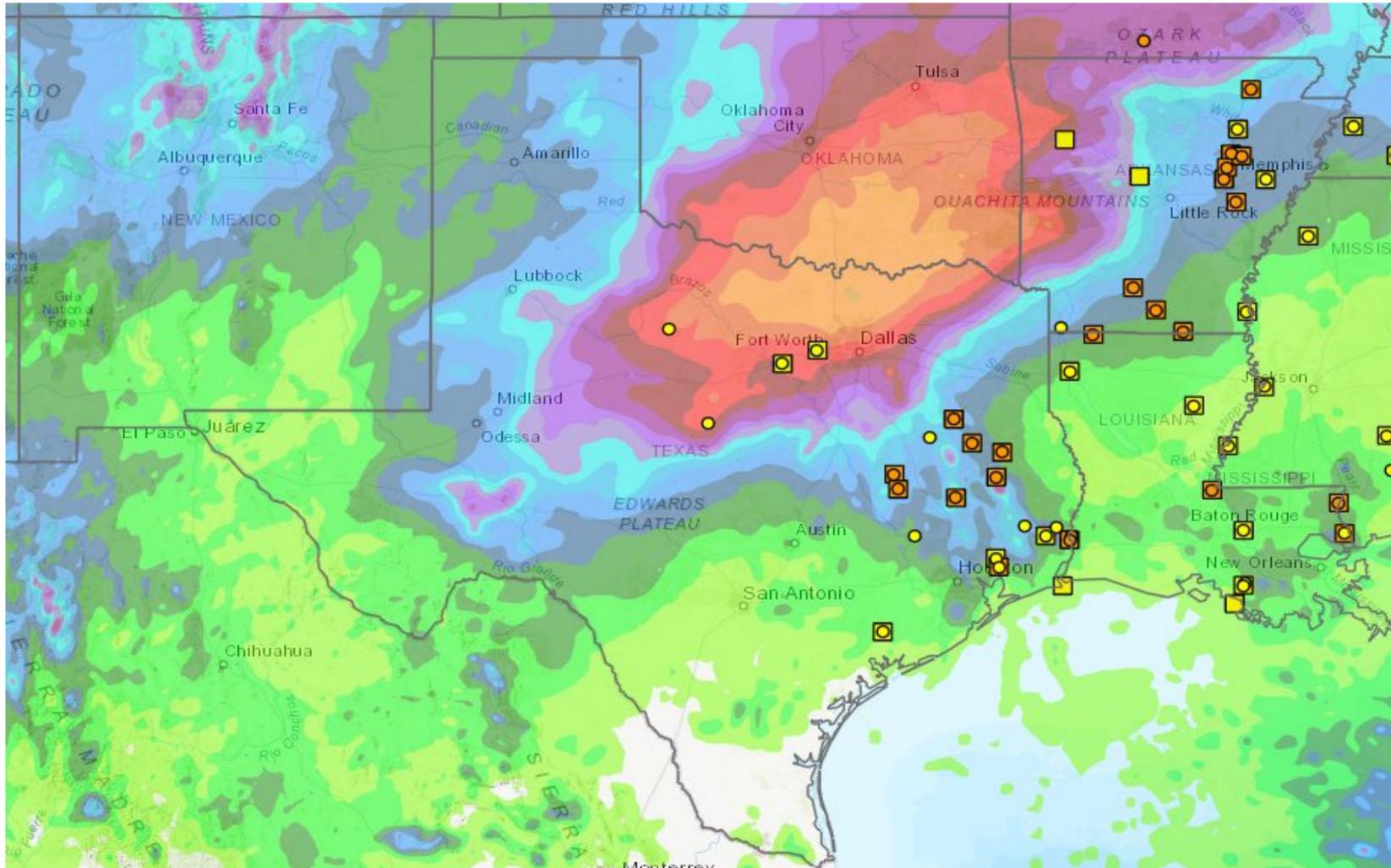
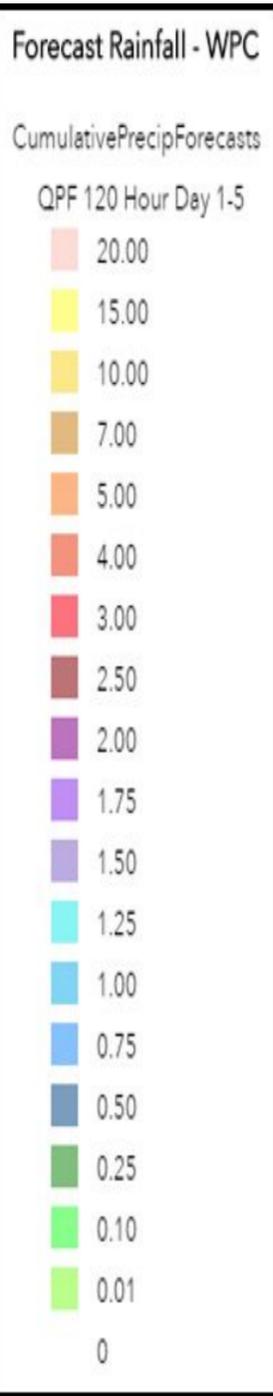


See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



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



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 river flooding in AR, E TX, and LA continues this week. Rainfall in the Southern Plains later this week may lead to river rises in OK, AR, and TX.

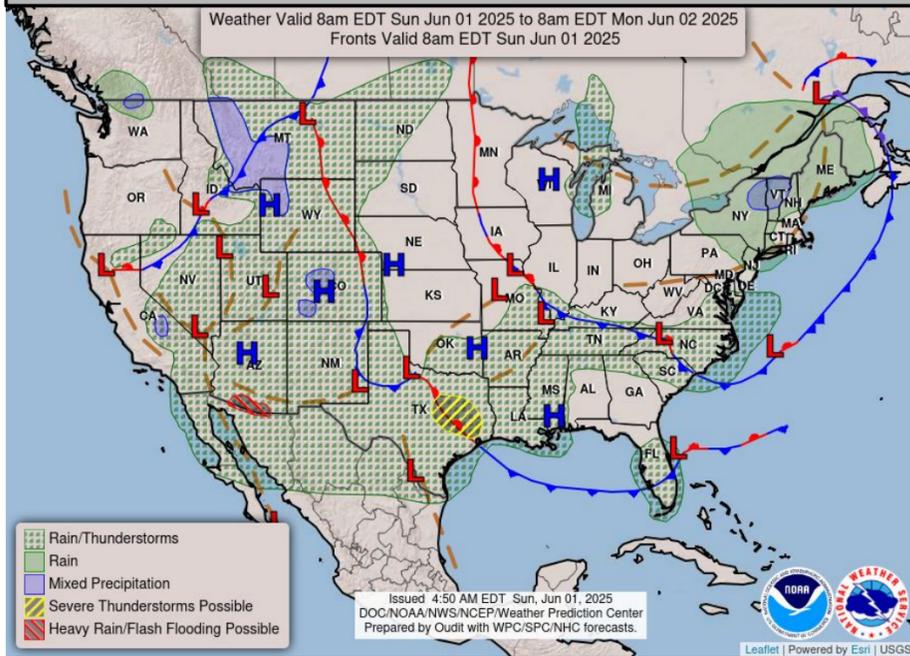
Impacts to secondary roads and agriculture.

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.

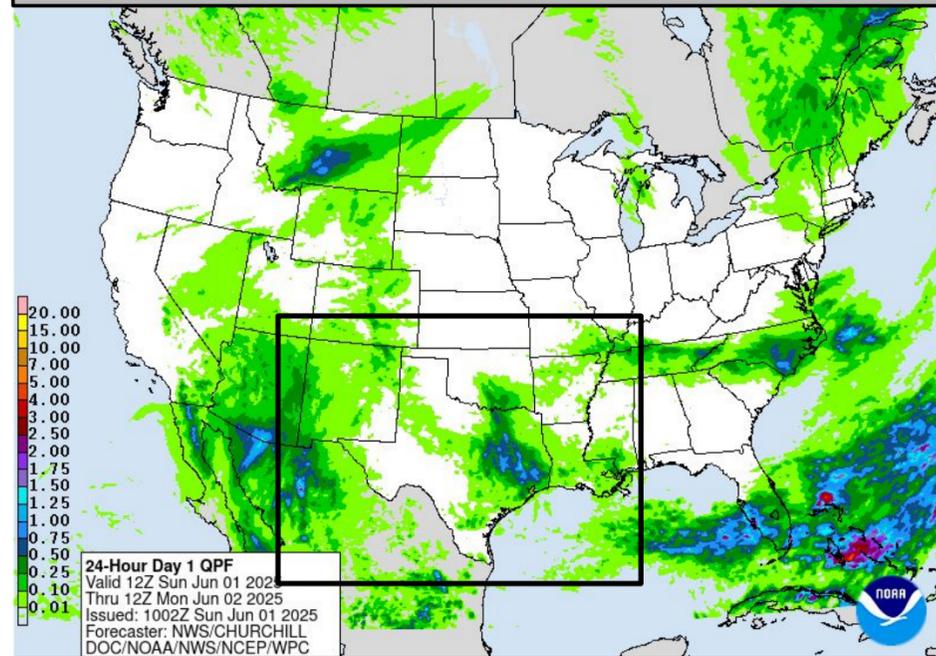


Today's Weather

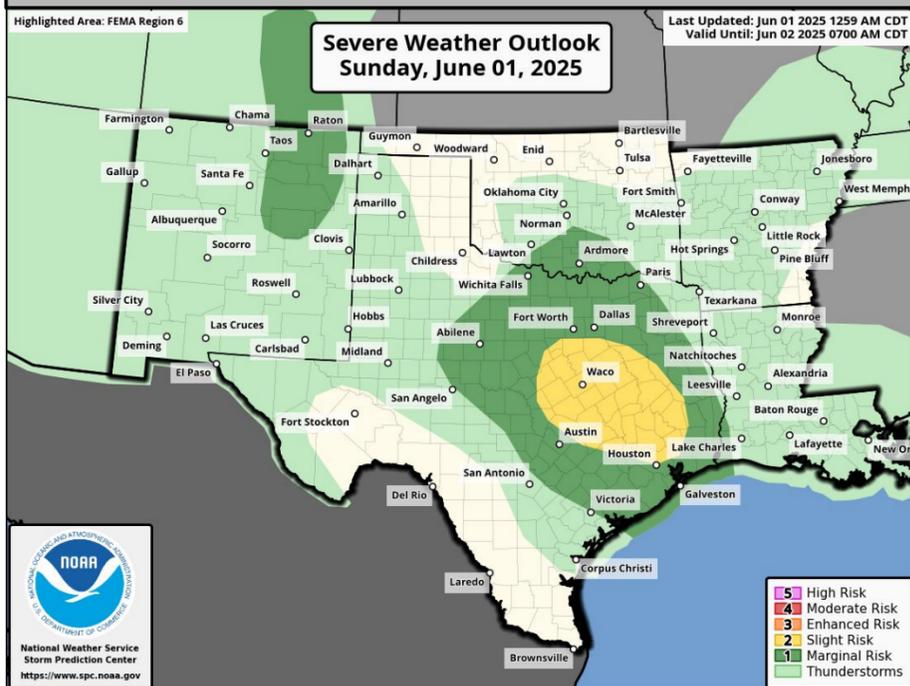
Forecast Chart



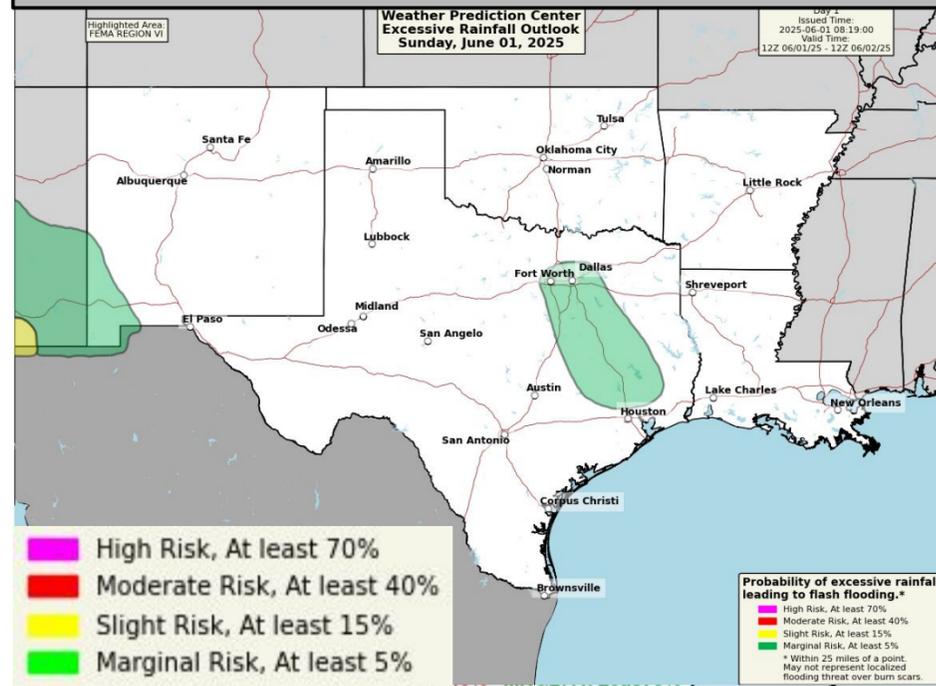
Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook



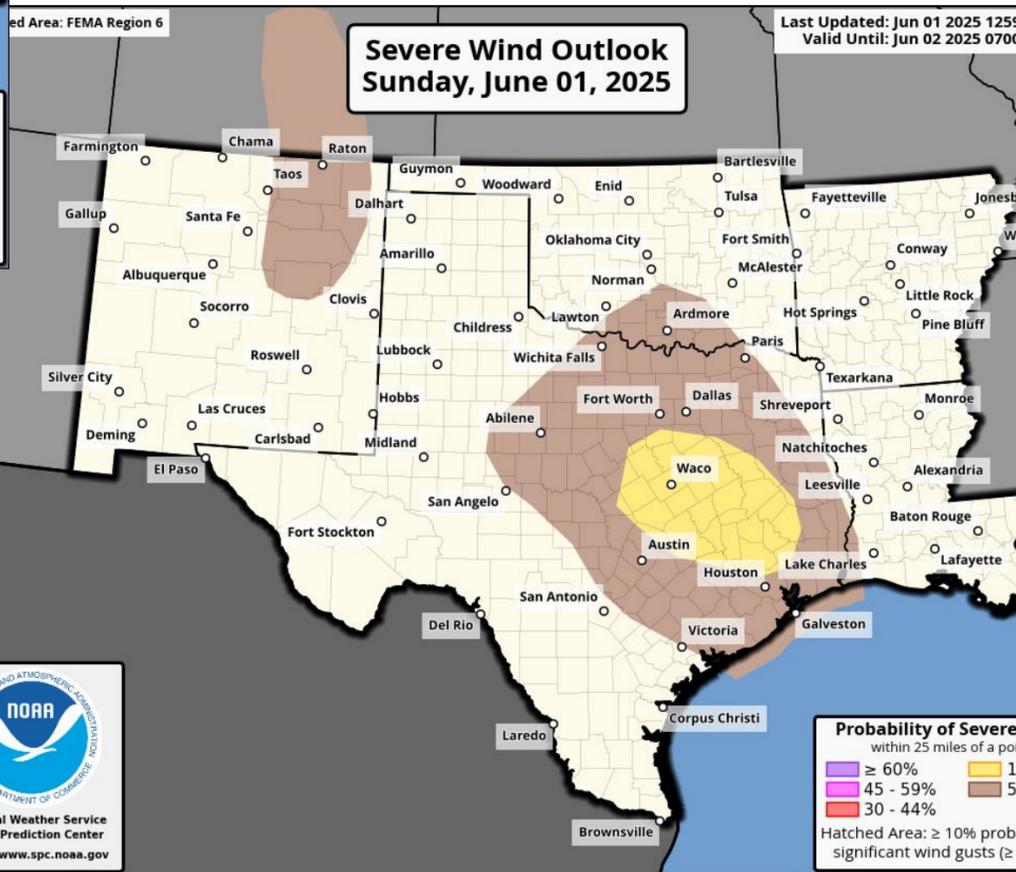
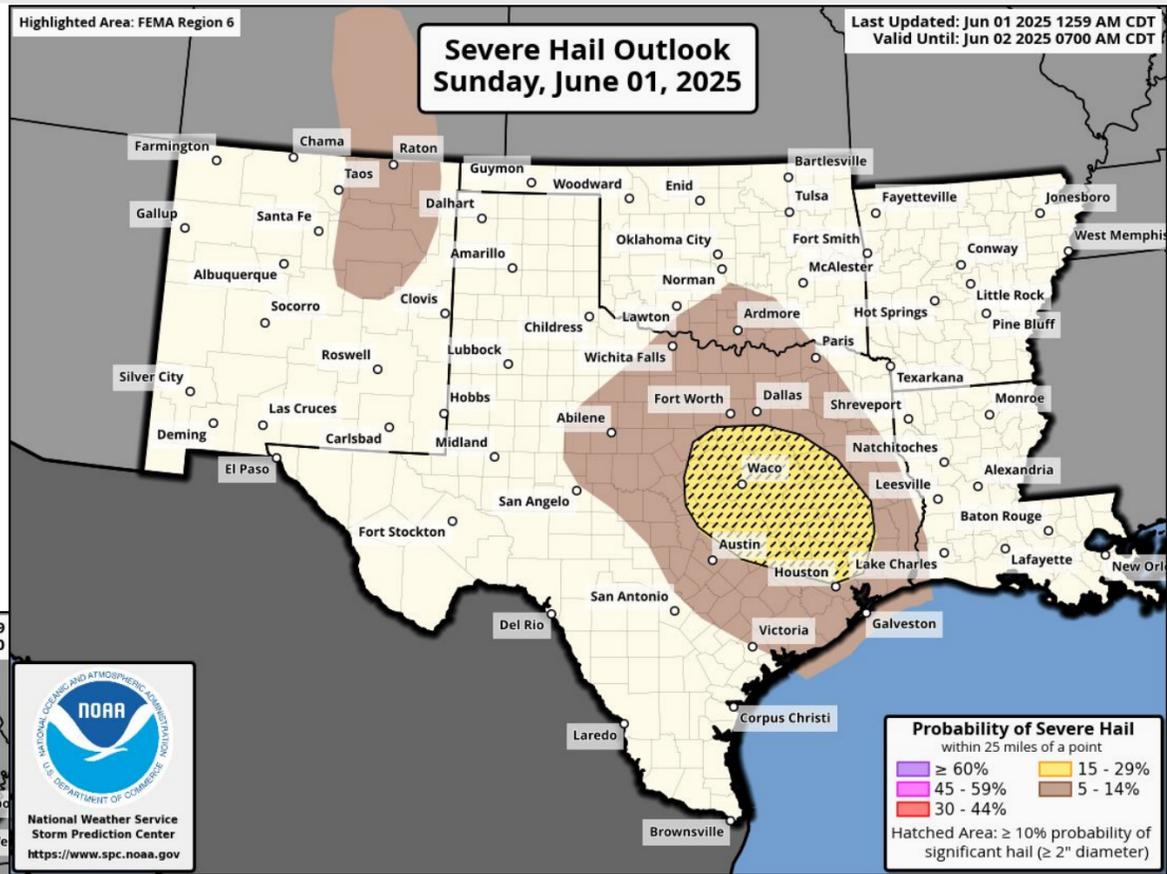
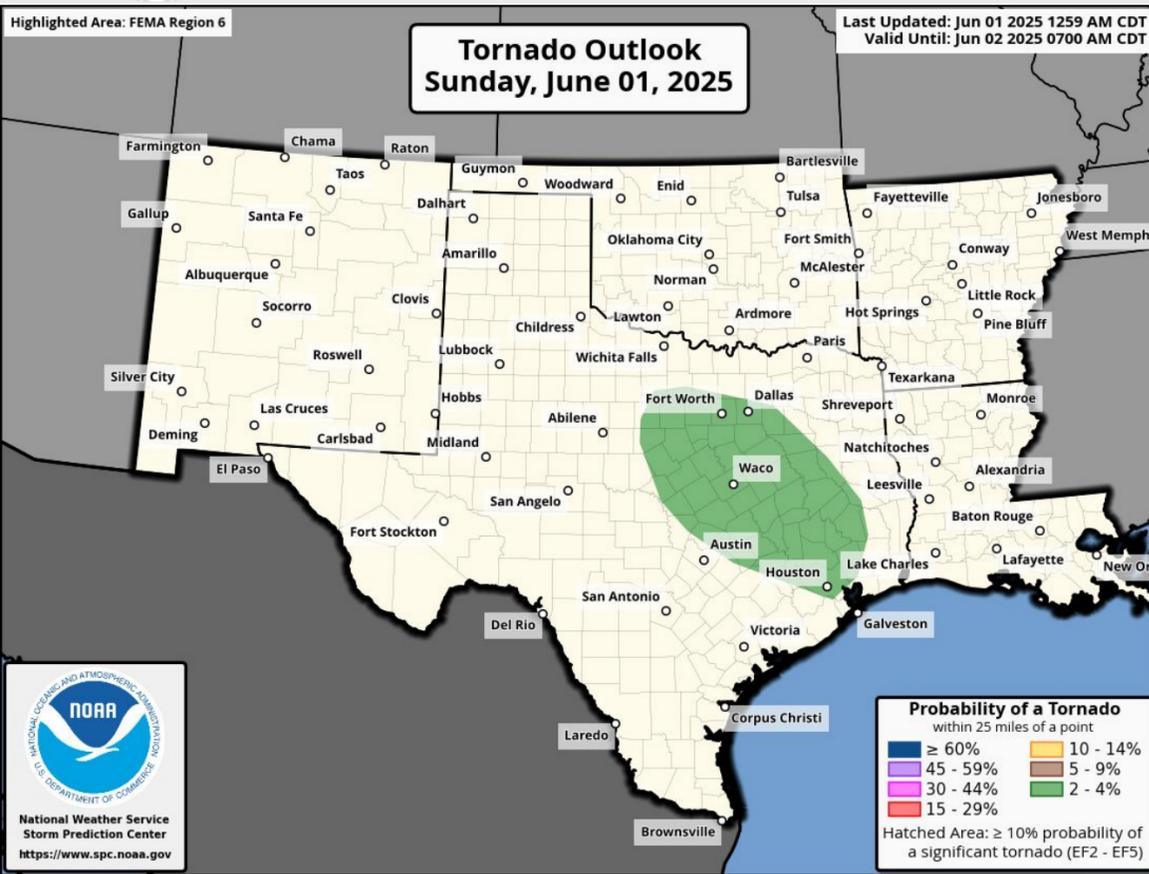
Slight risk (level 2 of 5) for severe storms in SE TX. Hail greater than 2" in diameter is the main threat.

Monitoring C NM for burn scar flash flooding.

Heavy rain may occur in SE TX in strong to severe storms.



Today's Tornado & Severe Wind / Hail Probabilities

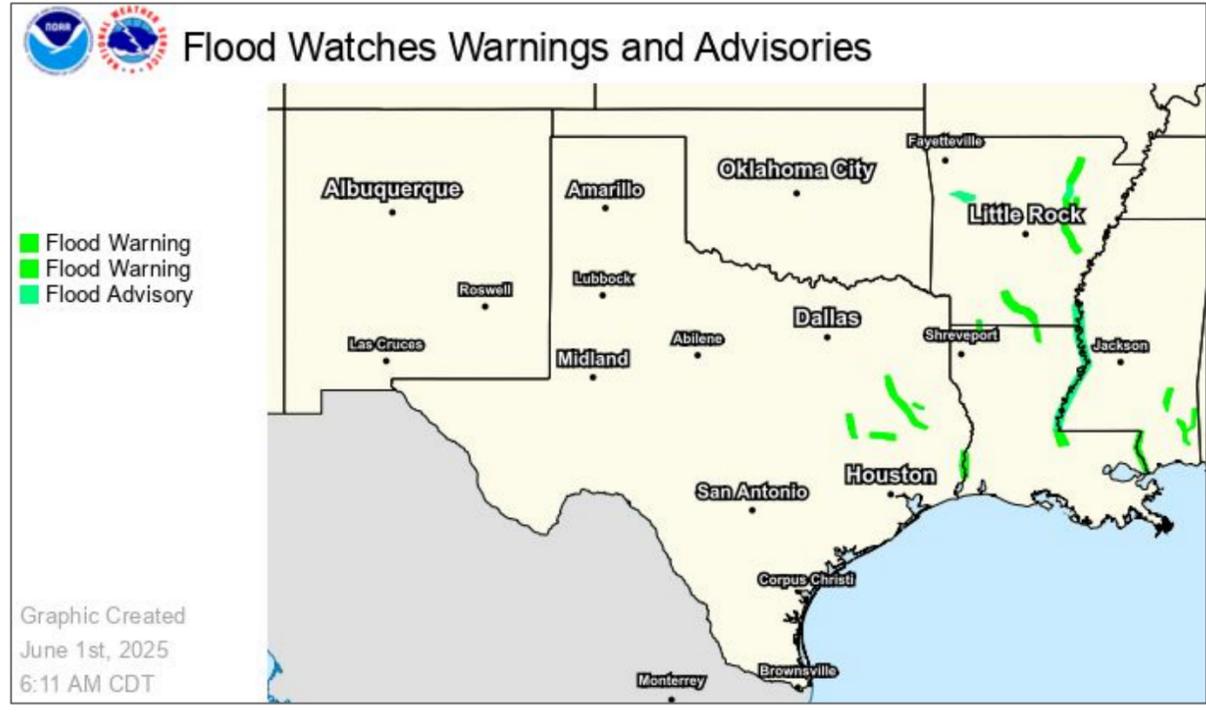
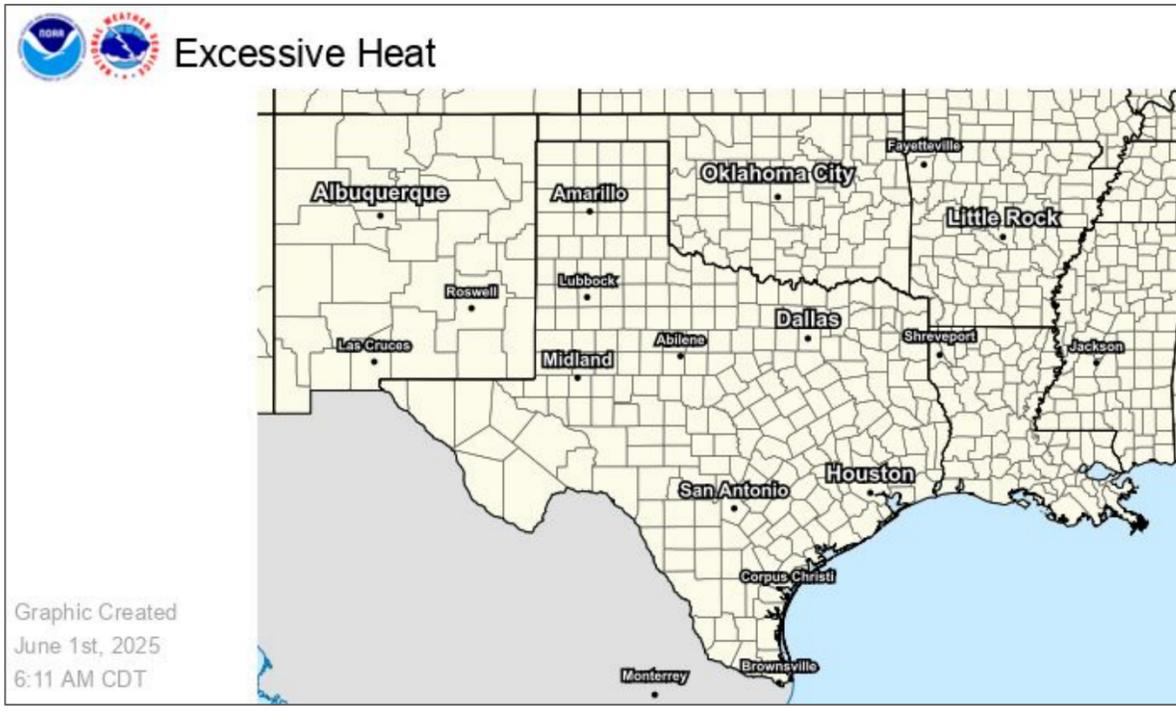
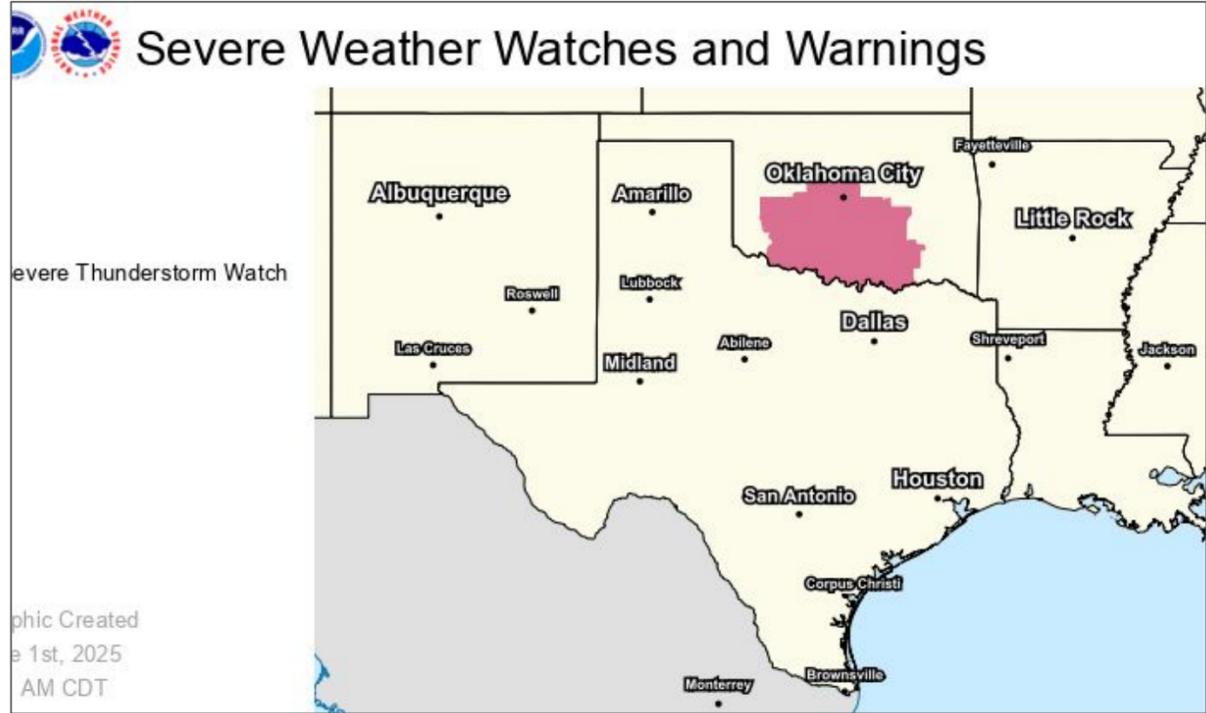




Watches, Warnings, and Advisories

Wind, Severe, Heat, and Flood Hazards

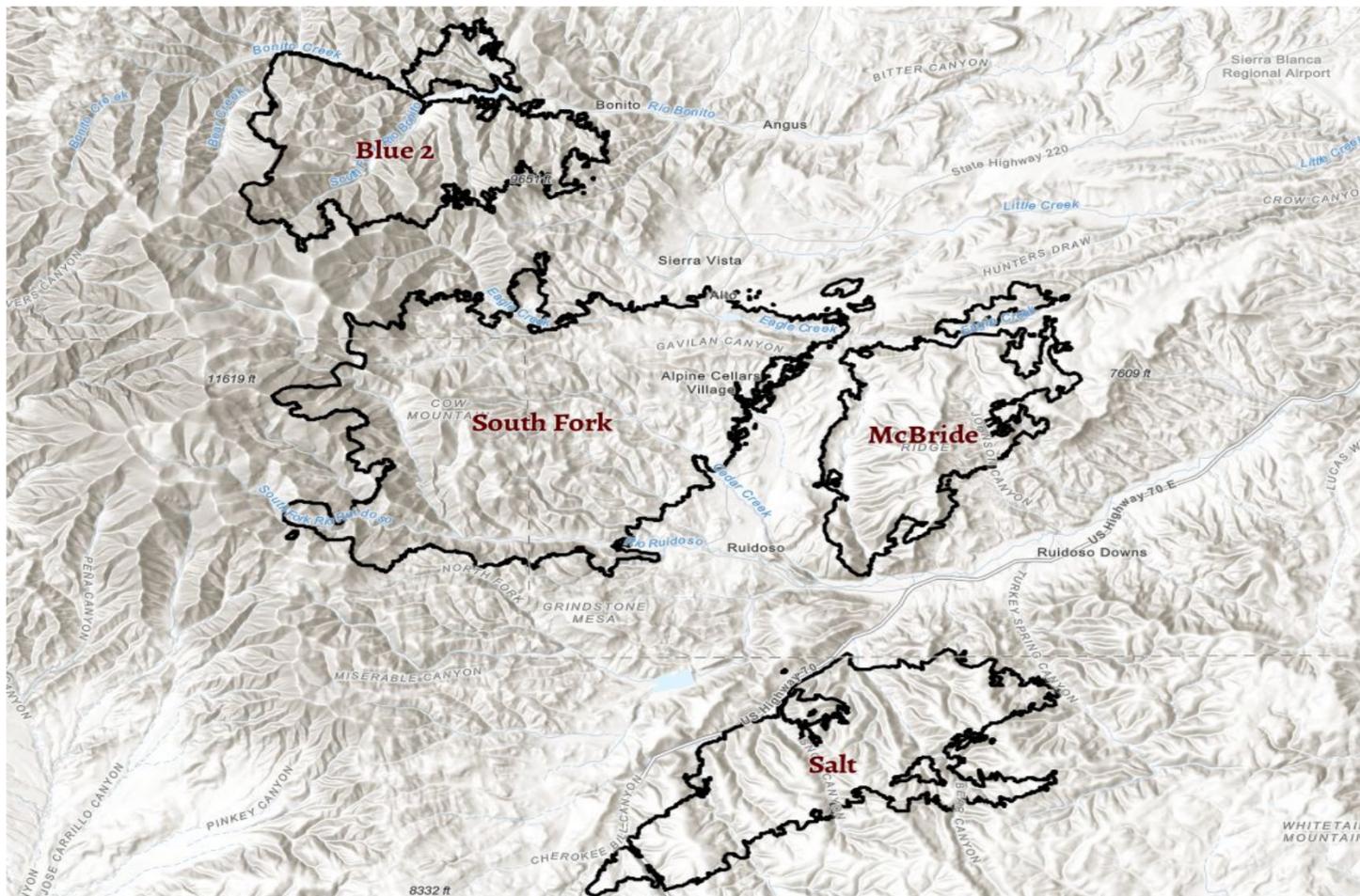
**Severe thunderstorm
Watch in OK through 9
AM CDT.**





Burn Scar Debris Flow Risk - Ruidoso, New Mexico

	Sunday, Jun 1	Monday, Jun 2	Tuesday, Jun 3	Wednesday, Jun 4
Flash Flooding	Slight Risk (level 2 of 5)	Moderate Risk (level 3 of 5)	Slight Risk (level 2 of 5)	Slight Risk (level 2 of 5)

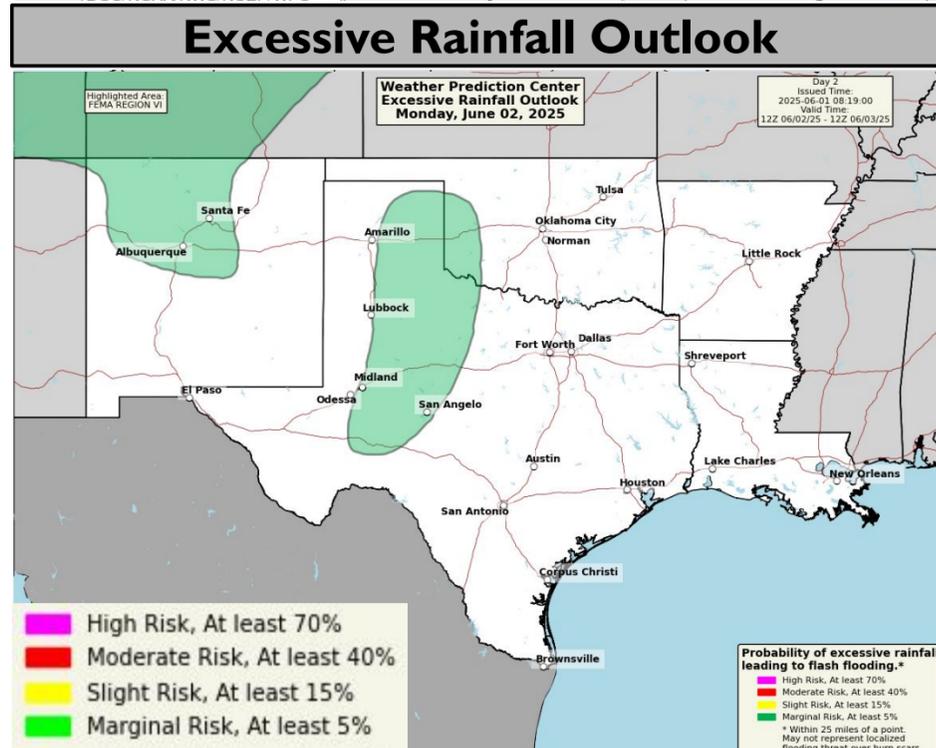
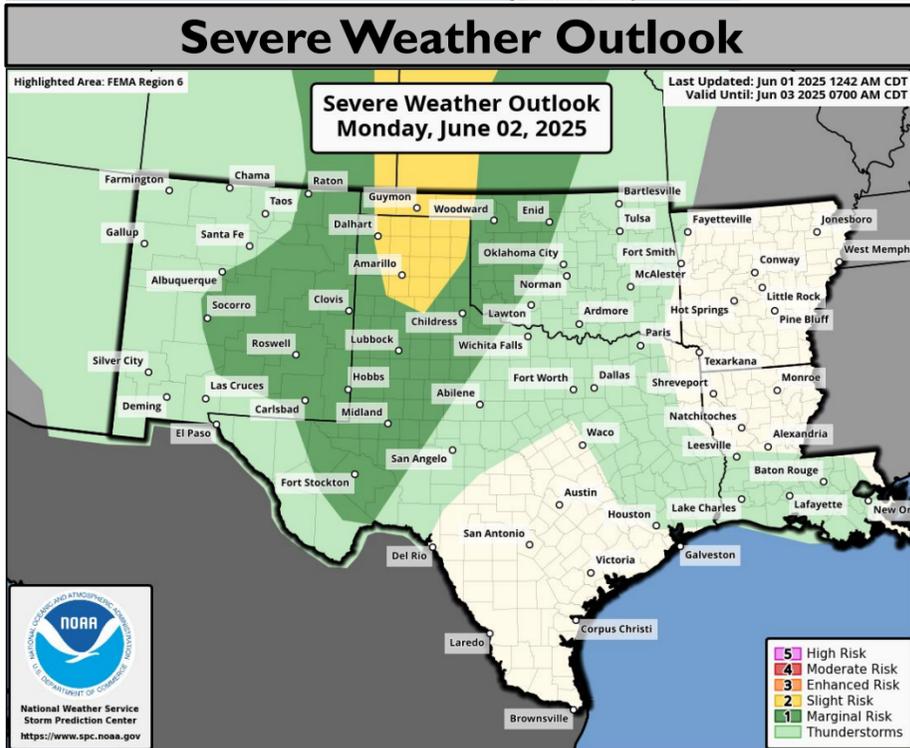
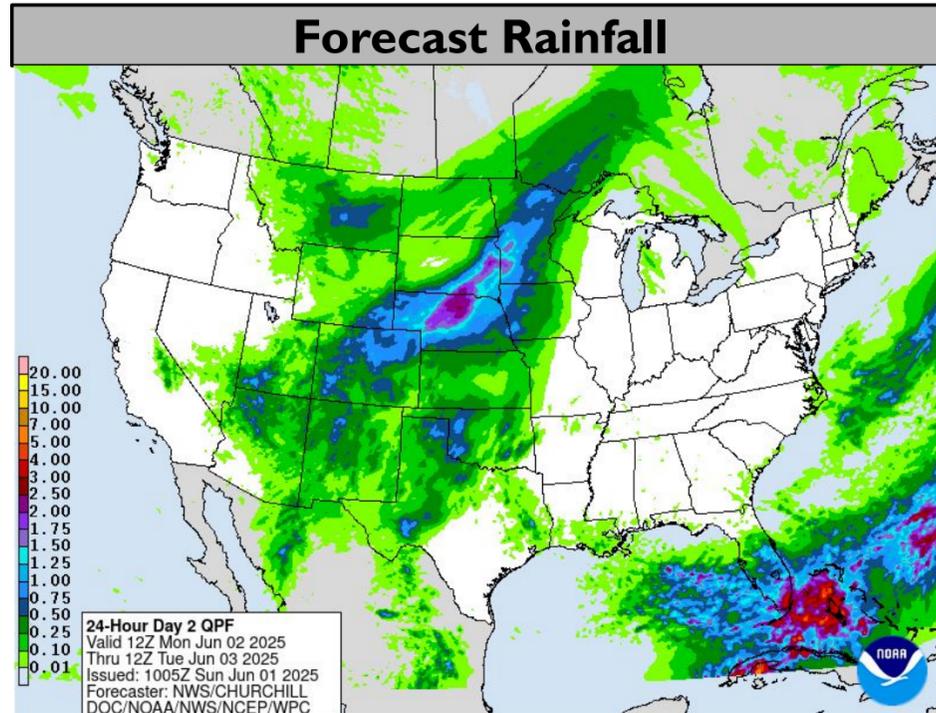
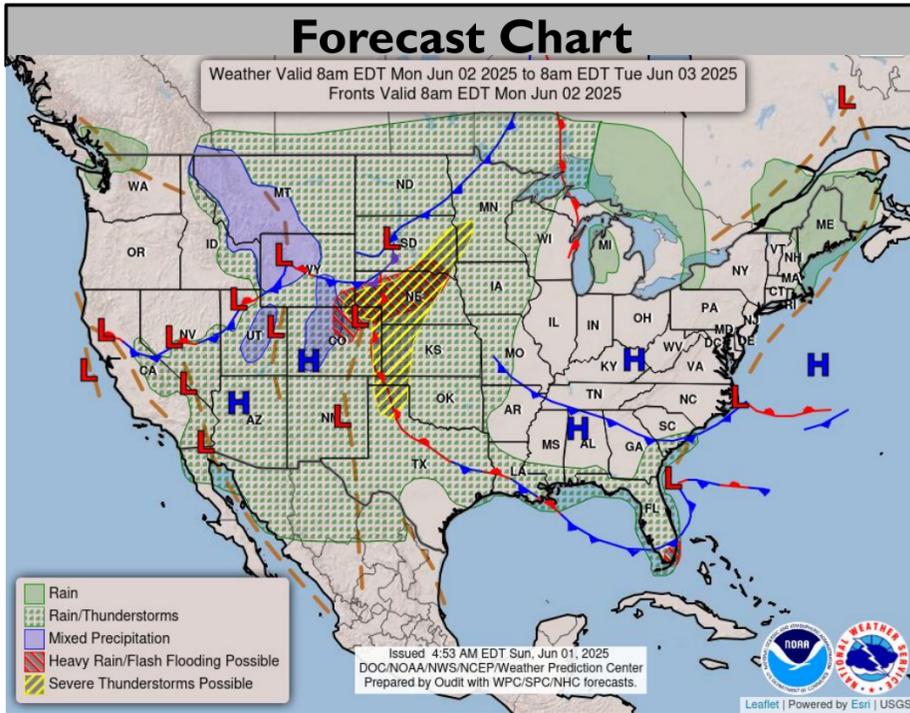


Little to None	No Flash Flood Threat
Minor	Slight Risk of Flash Flooding
Moderate	Probability of Flash Flooding Issuance 40% to 60%
Major	Flood Watch Issued OR Debris Flow Probability > 50%
Extreme	Life Threatening Flash Flooding Likely - Historic Type Day
<ul style="list-style-type: none"> ● WPC's Excessive Rainfall Outlook is <i>Not Applicable</i> to burn scars. ● *Note* 2nd year burn scars can be <u>more dangerous</u> than year 1. ● Flash Flood risks are determined by NWS ABQ; above table may differ from FEMA 6 Matrix. 	





Tomorrow's Weather



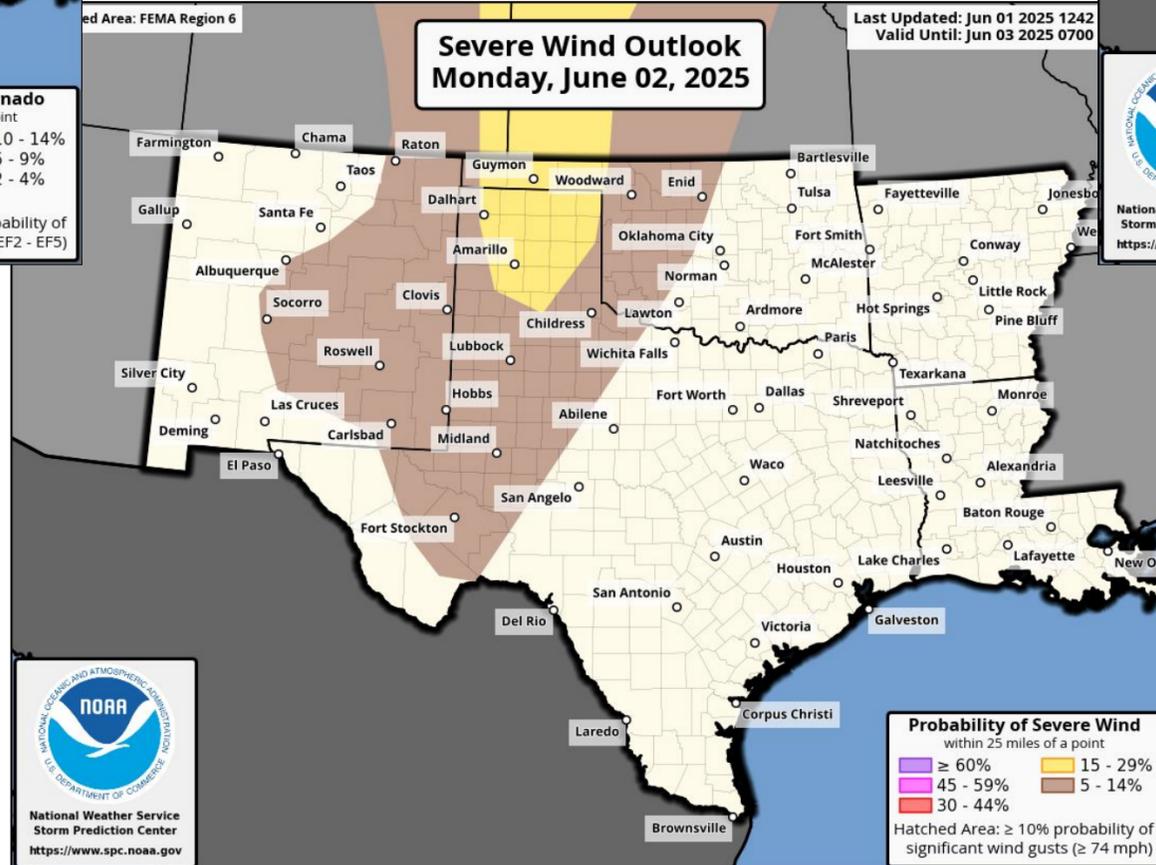
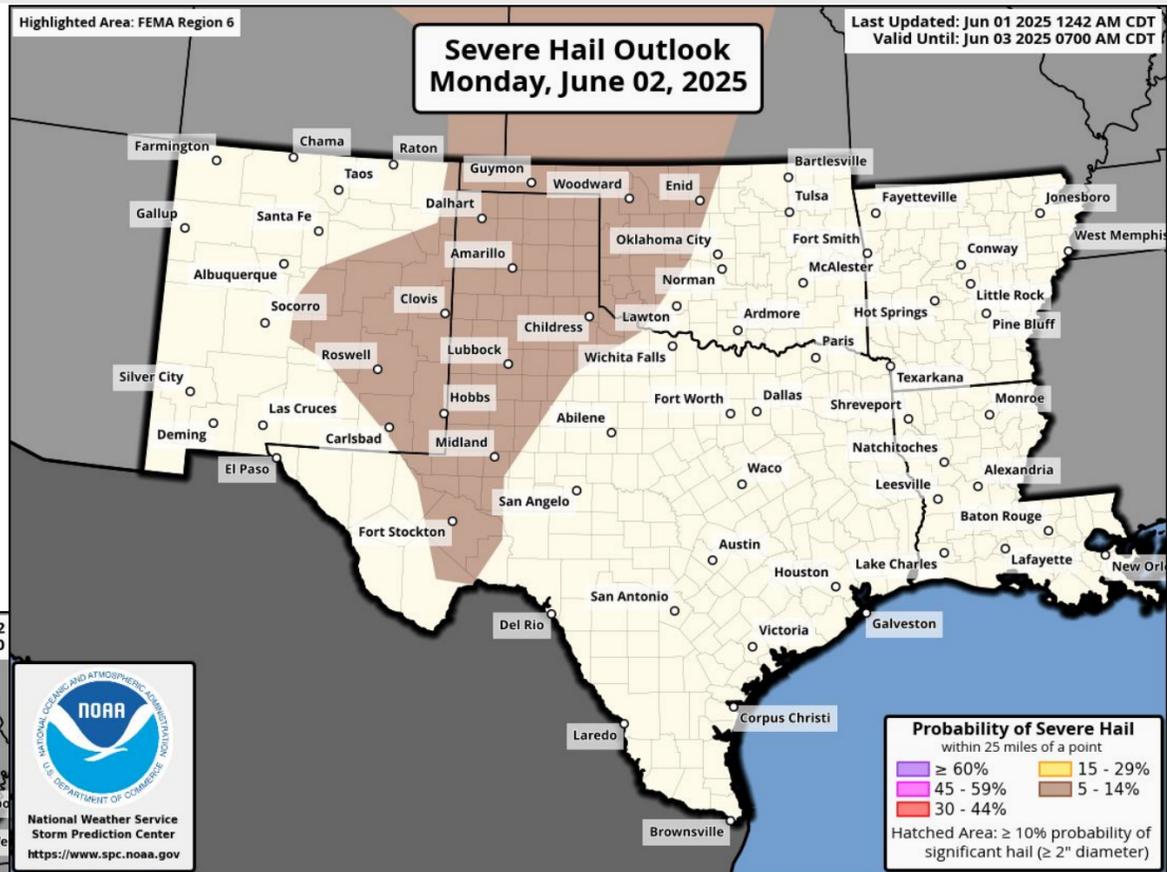
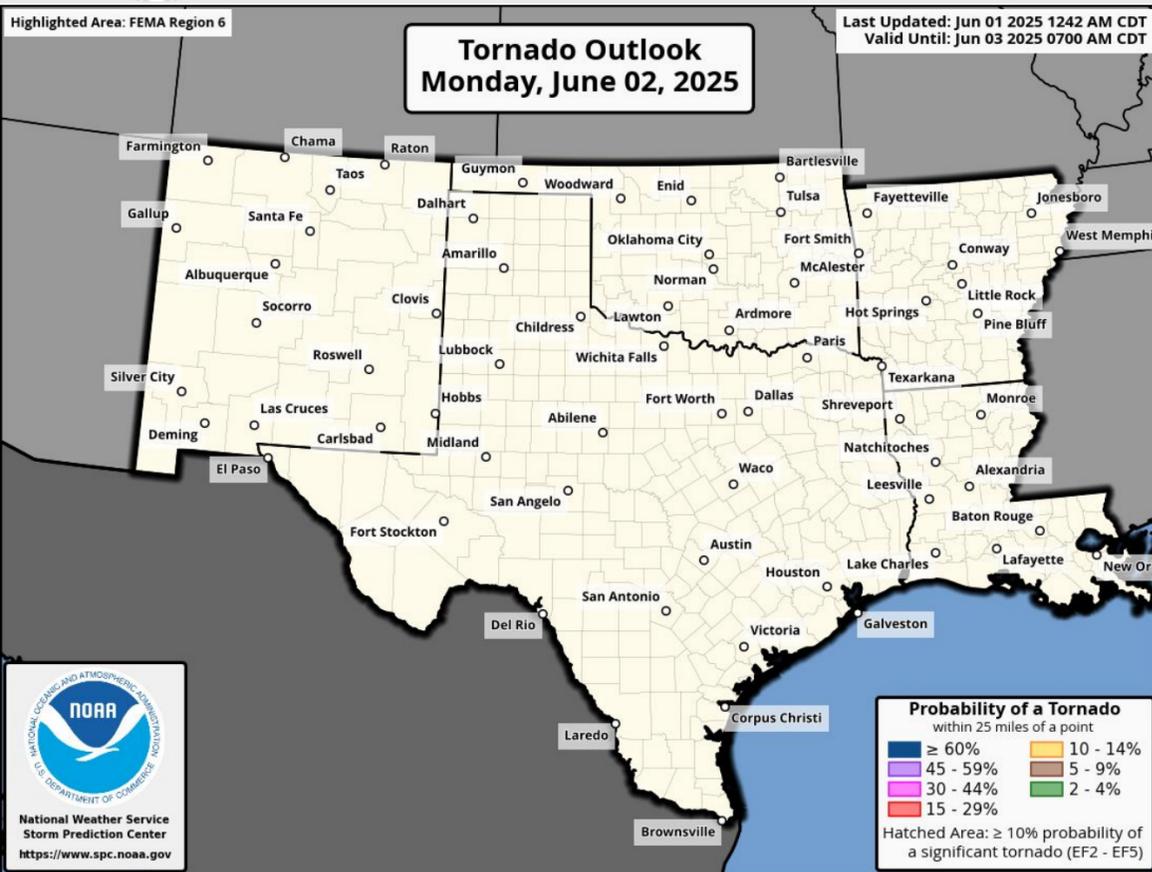
Monitoring C NM for burn scar flash flooding.

Slight risk (level 2 of 5) for severe storms in TX/OK Panhandles.

Marginal risk (level 1 of 4) for flash flooding in N/C NM, WTX, W OK.



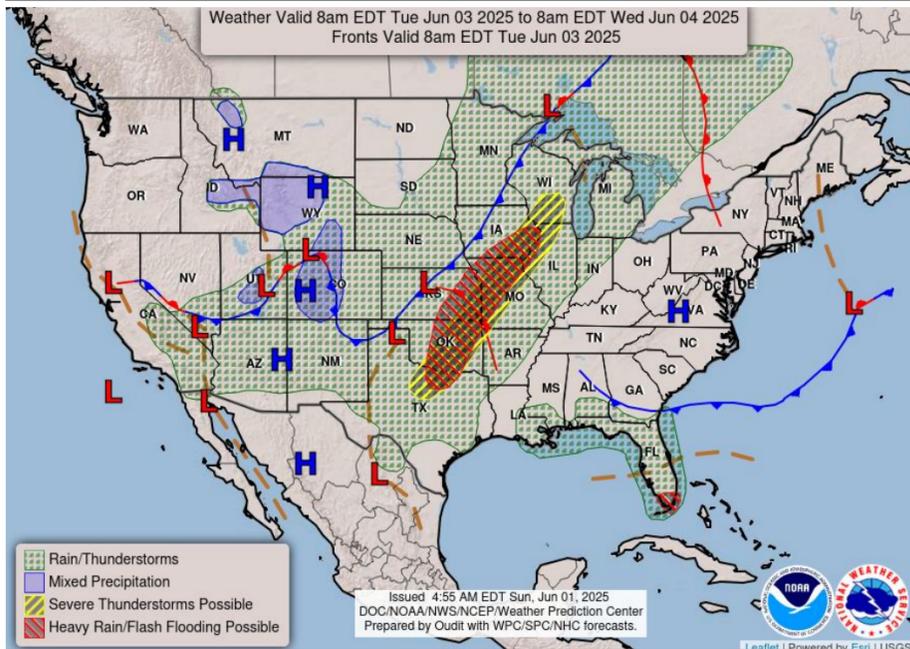
Tomorrow's Tornado & Severe Wind / Hail Probabilities



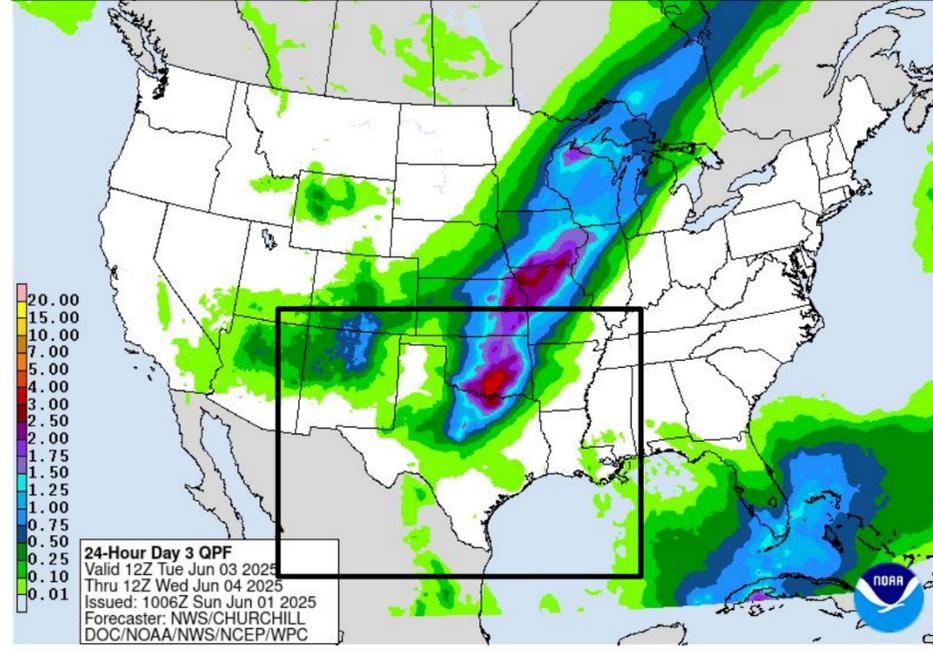


Tuesday's Weather

Forecast Chart



Forecast Rainfall

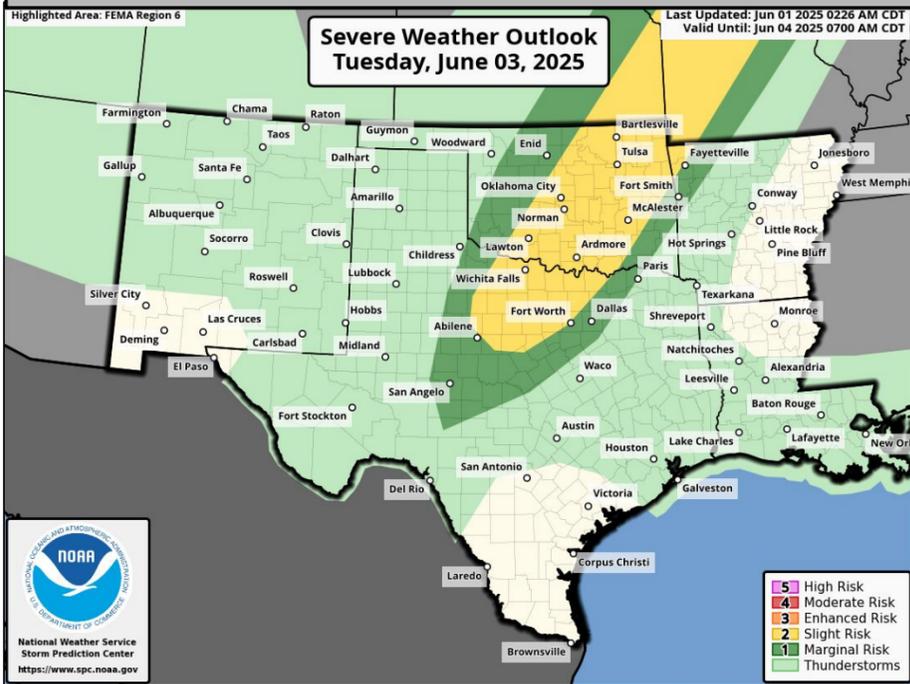


Slight risk (level 2 of 5) for severe storms in OK, NTX.

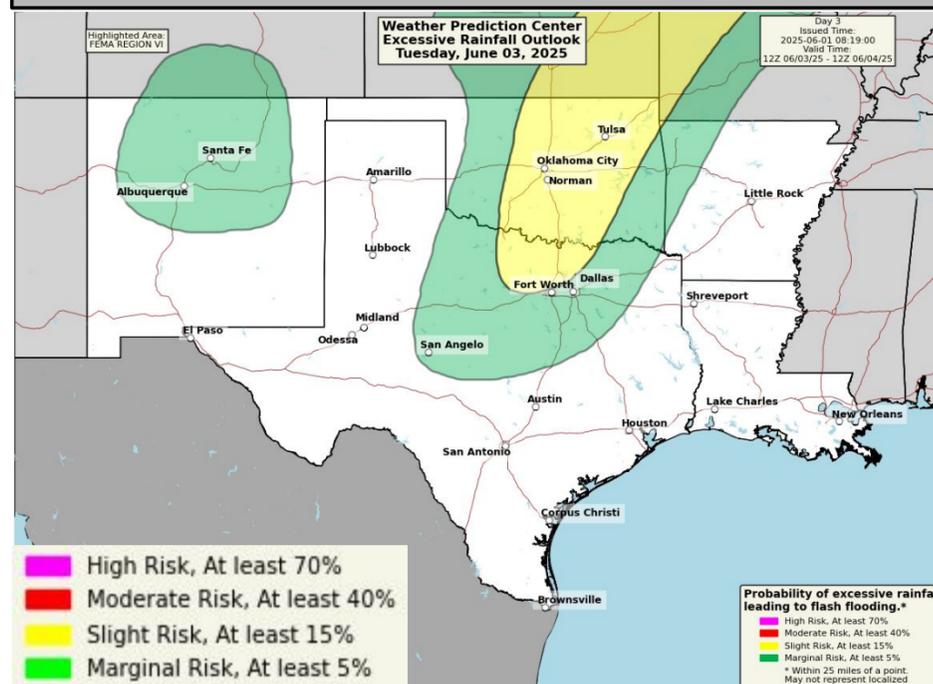
Slight risk (level 2 of 4) for flash flooding in C OK, NTX.

Monitoring C NM for burn scar flash flooding.

Severe Weather Outlook



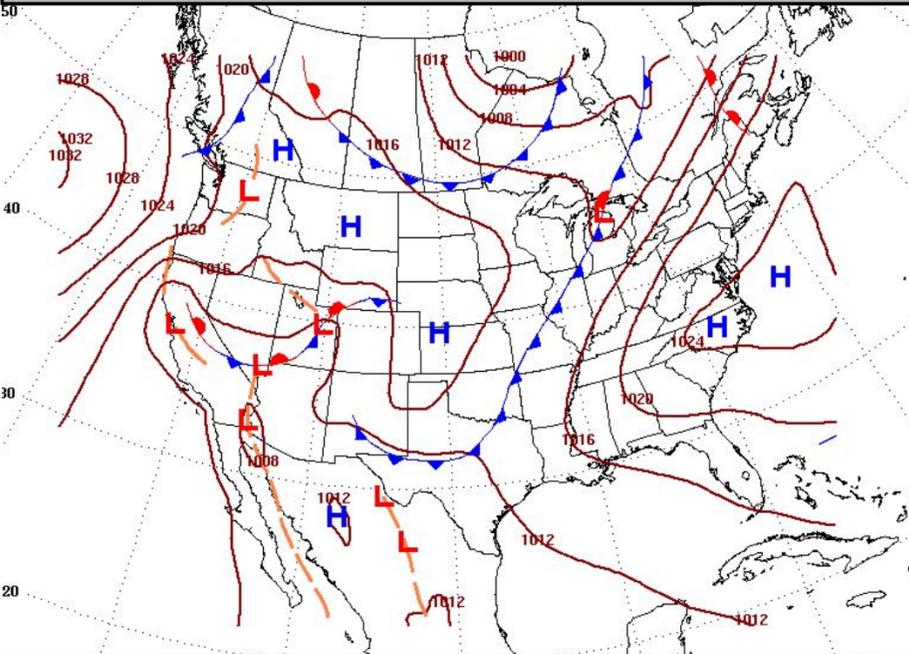
Excessive Rainfall Outlook



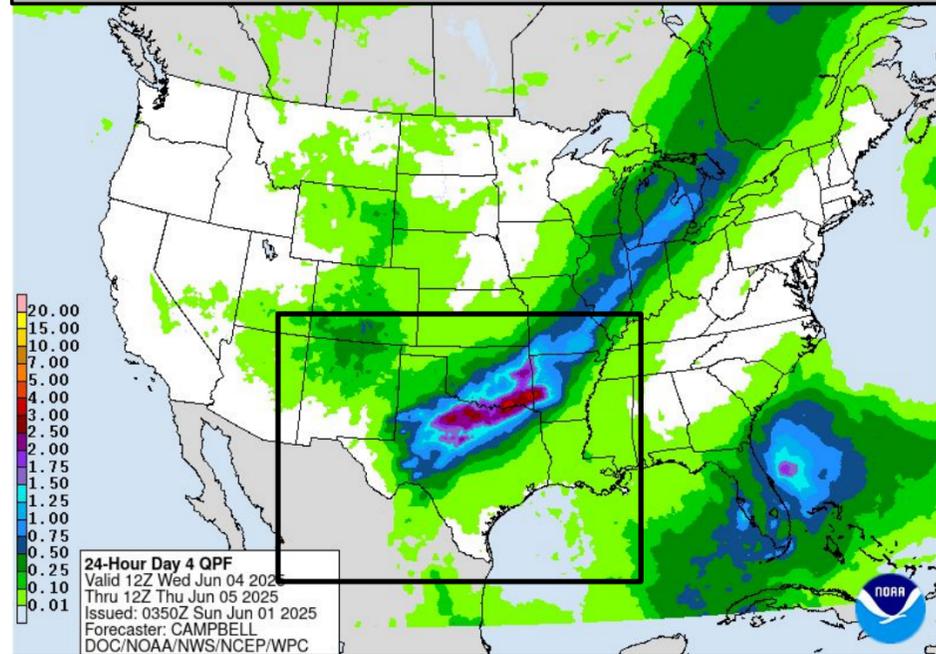


Wednesday's Weather

Forecast Chart

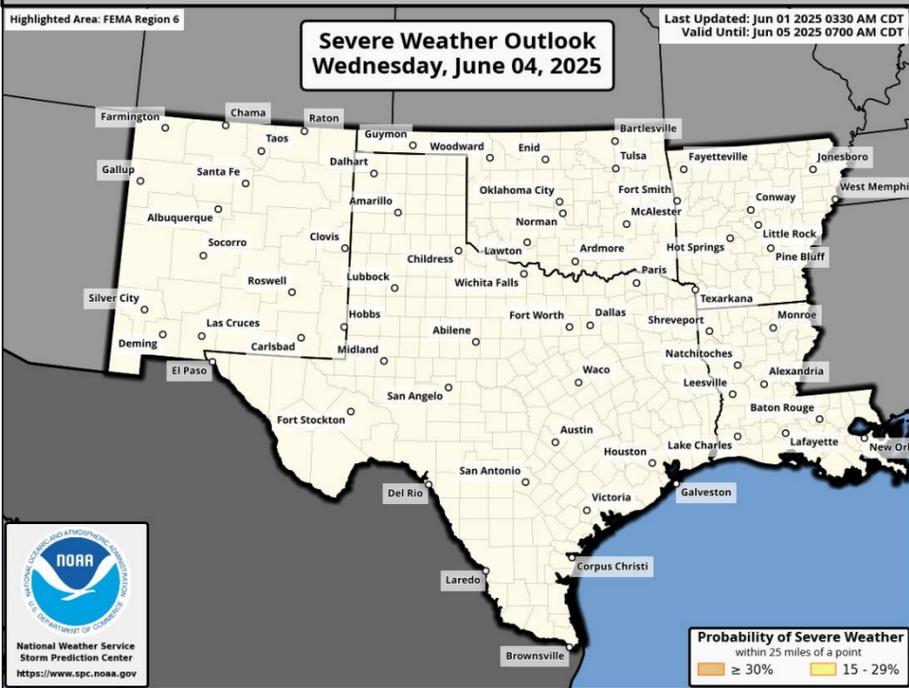


Forecast Rainfall

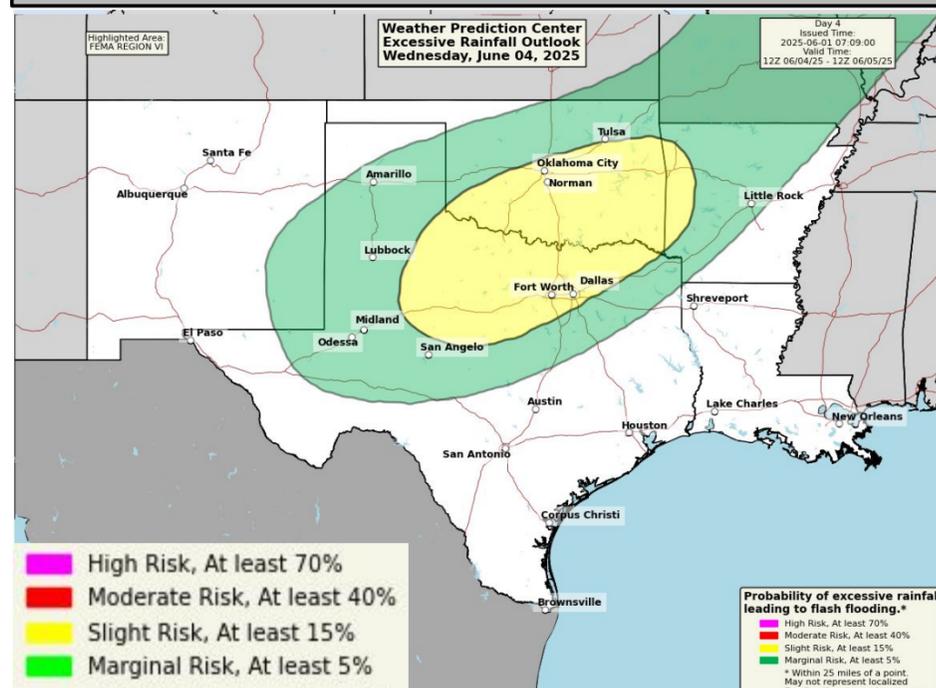


Slight risk (level 2 of 4) for flash flooding in OK, W AR, N/CTX.

Severe Weather Outlook



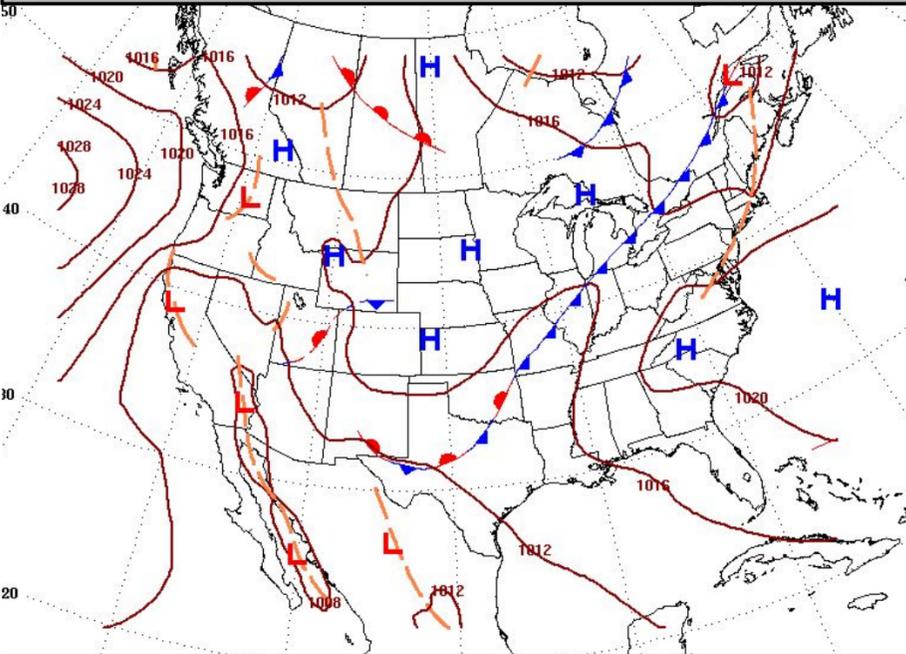
Excessive Rainfall Outlook



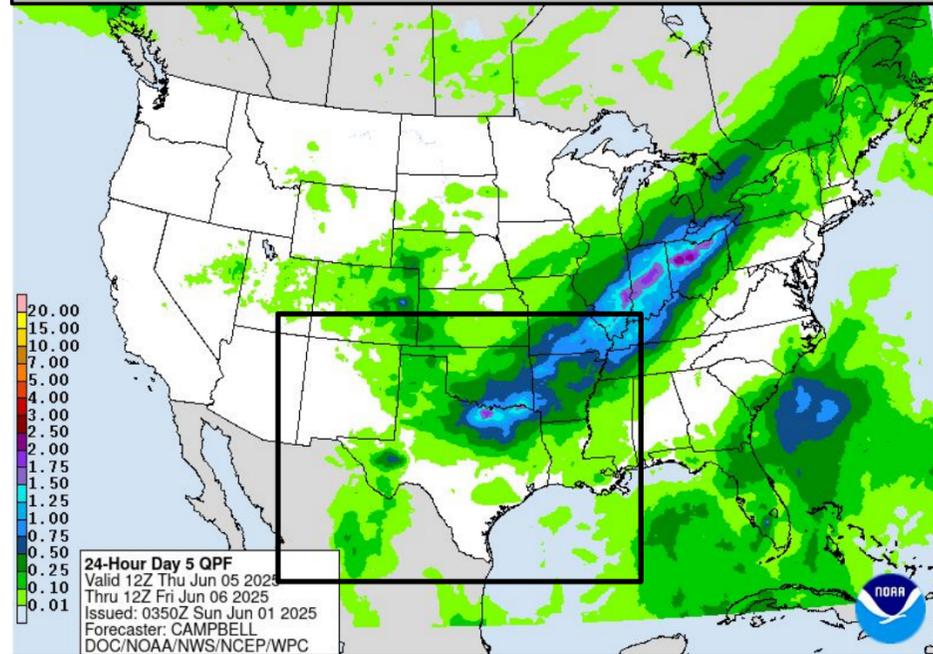


Thursday's Weather

Forecast Chart

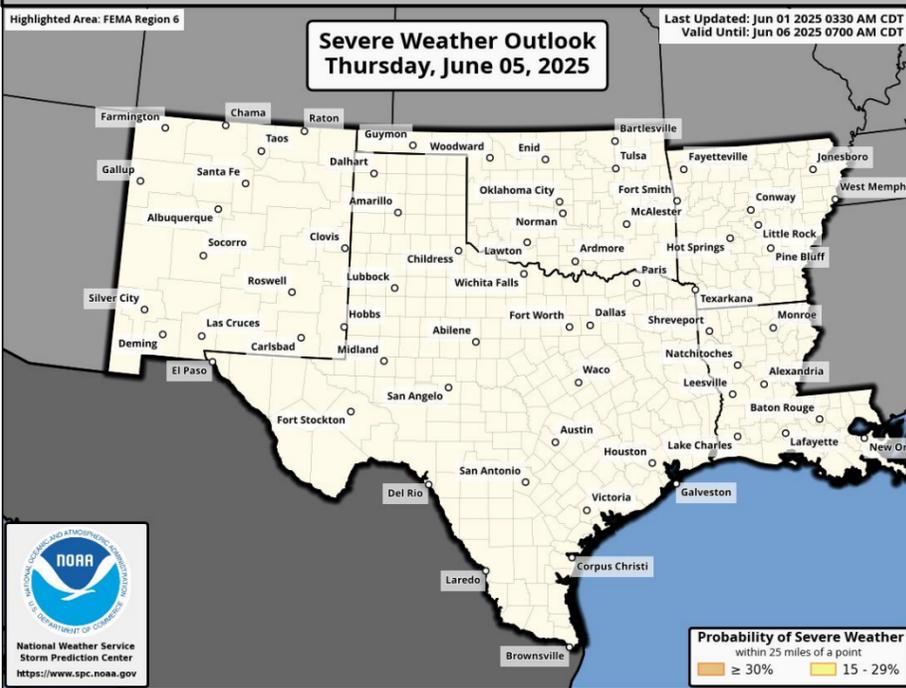


Forecast Rainfall

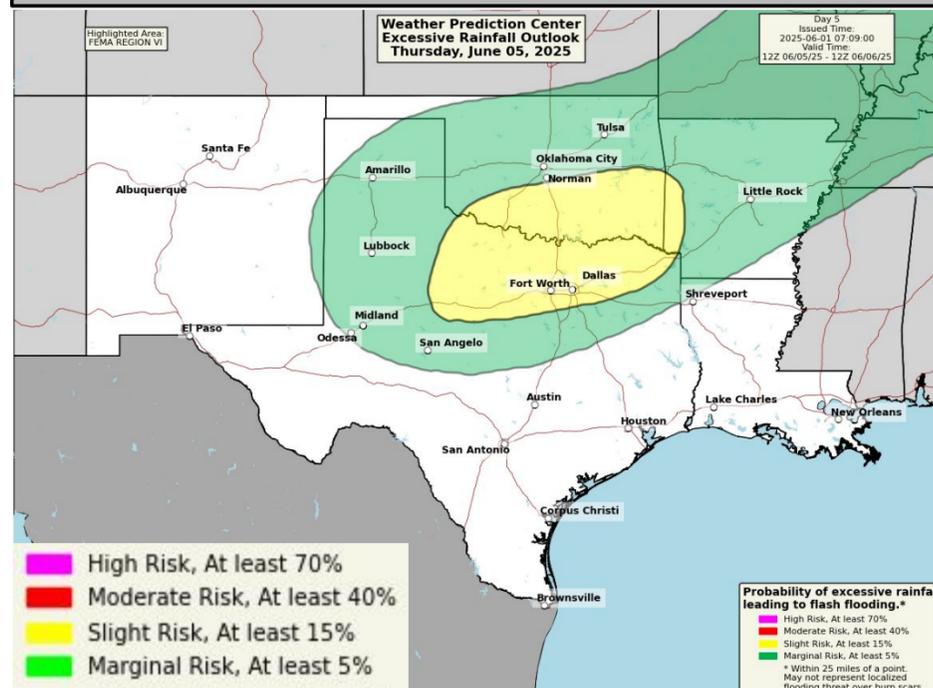


Slight risk (level 2 of 4) for flash flooding in S OK, W AR, N/CTX.

Severe Weather Outlook



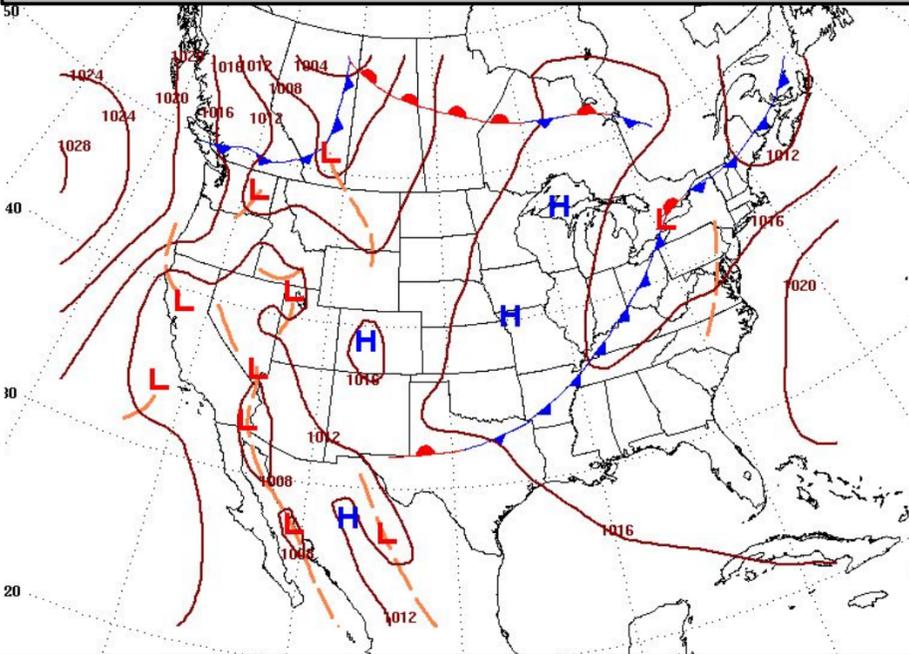
Excessive Rainfall Outlook



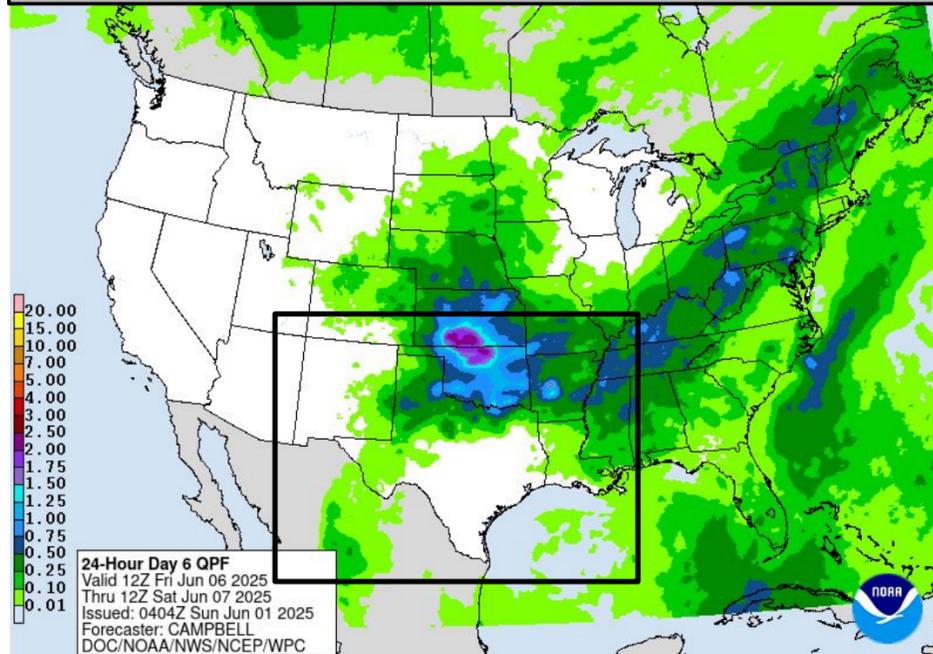


Friday's Weather

Forecast Chart

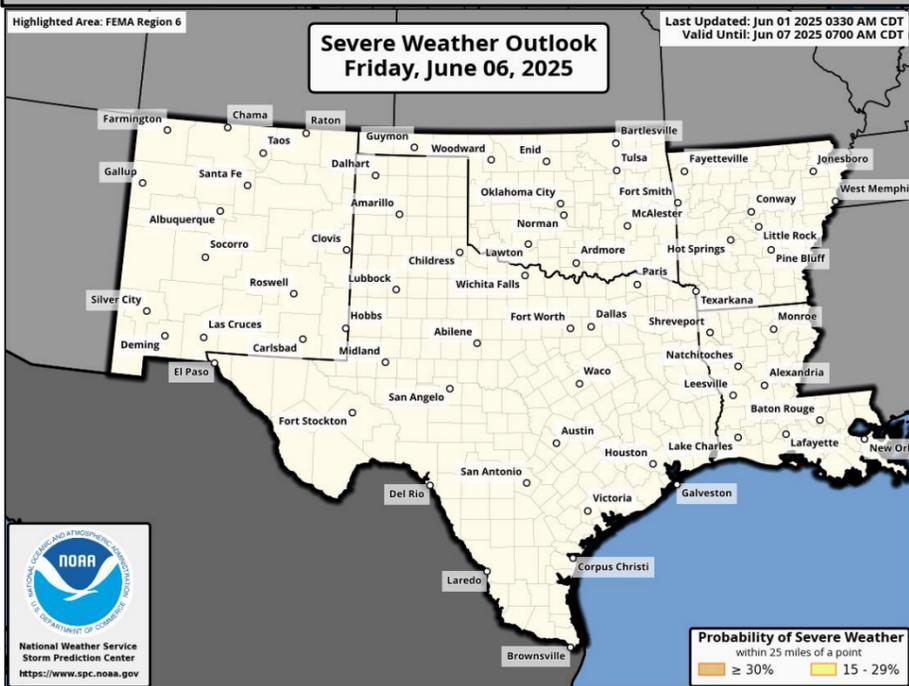


Forecast Rainfall



Monitoring OK for heavy rainfall.

Severe Weather Outlook

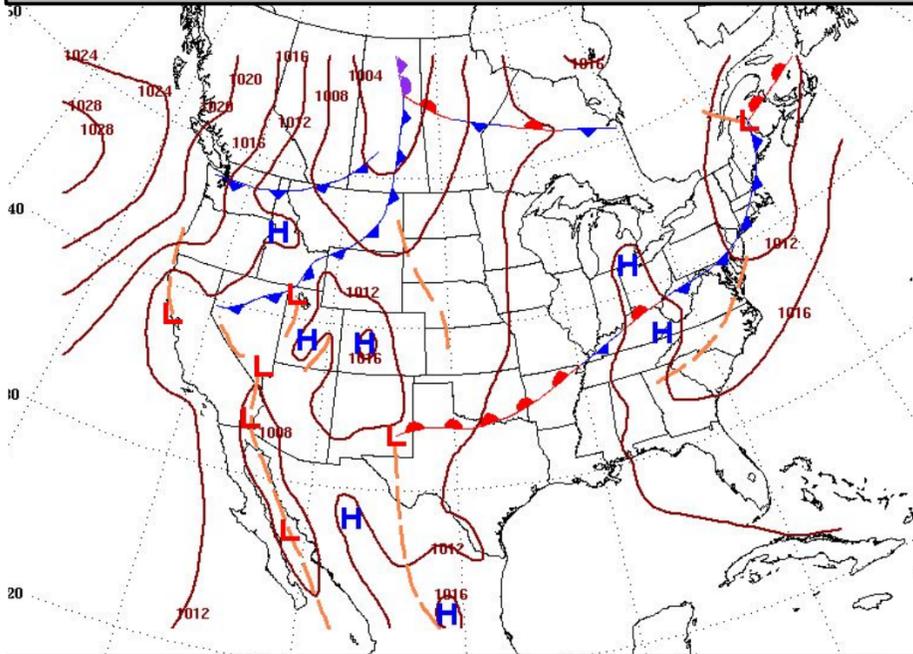


Excessive Rainfall Outlooks not available beyond Day 5

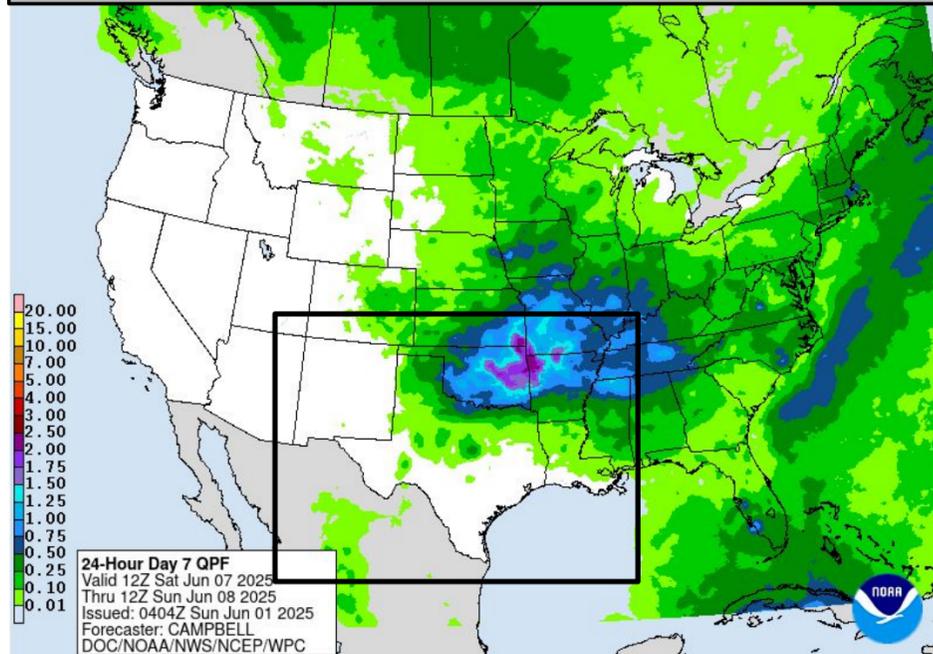


Saturday's Weather

Forecast Chart

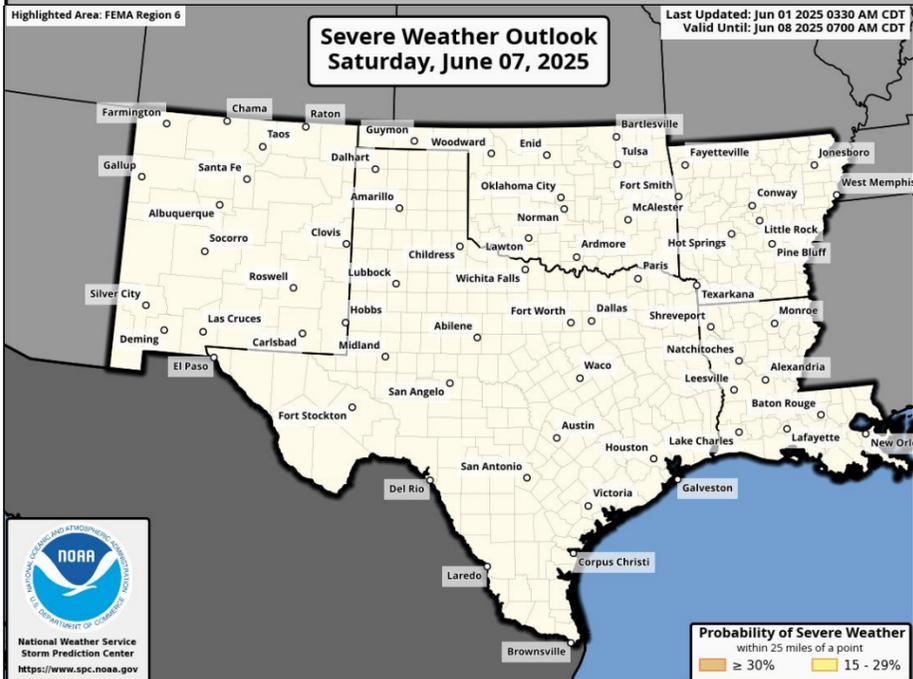


Forecast Rainfall



Monitoring OK and AR for heavy rainfall.

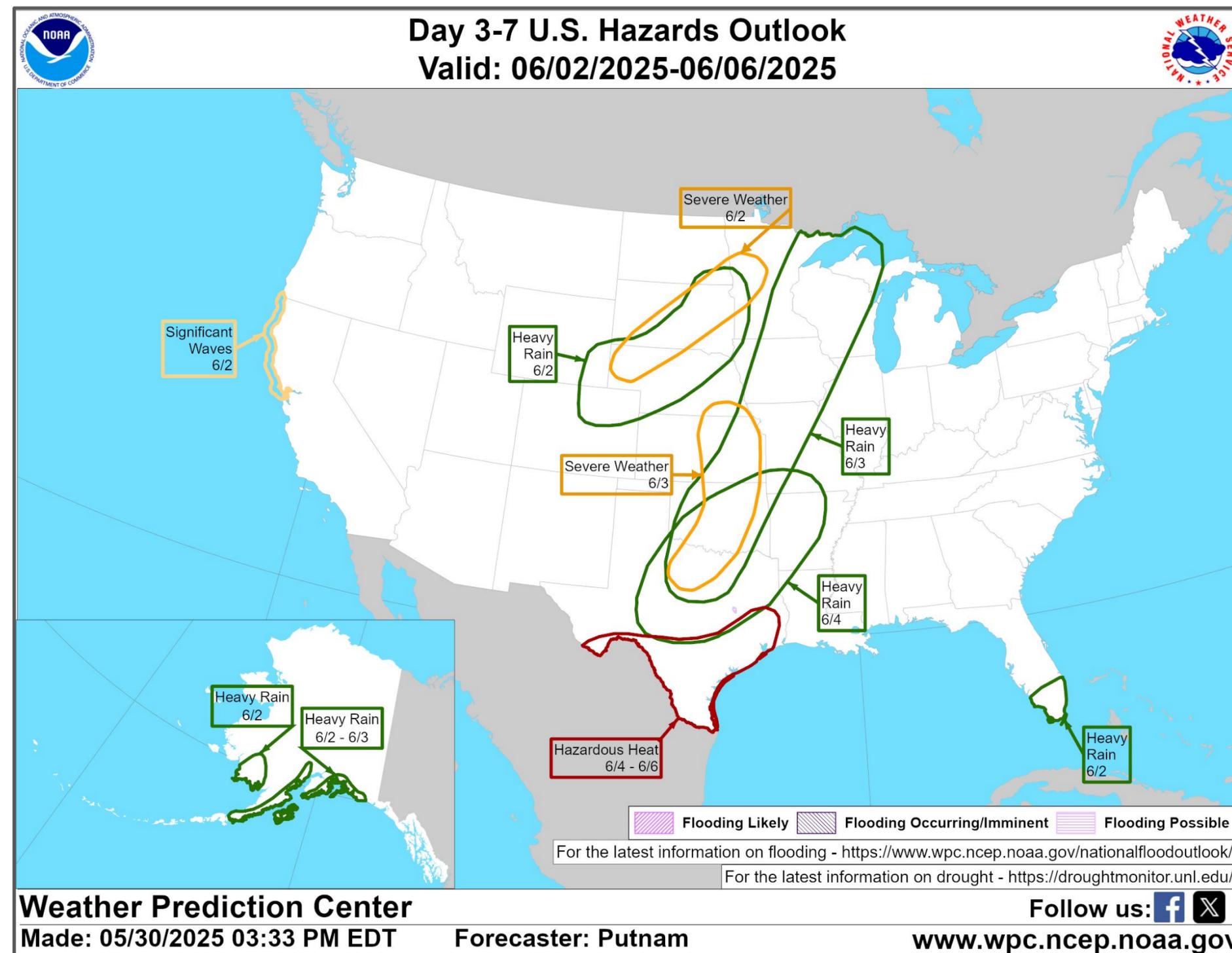
Severe Weather Outlook



Excessive Rainfall Outlooks not available beyond Day 5



“Day 3-7” Hazards Outlook



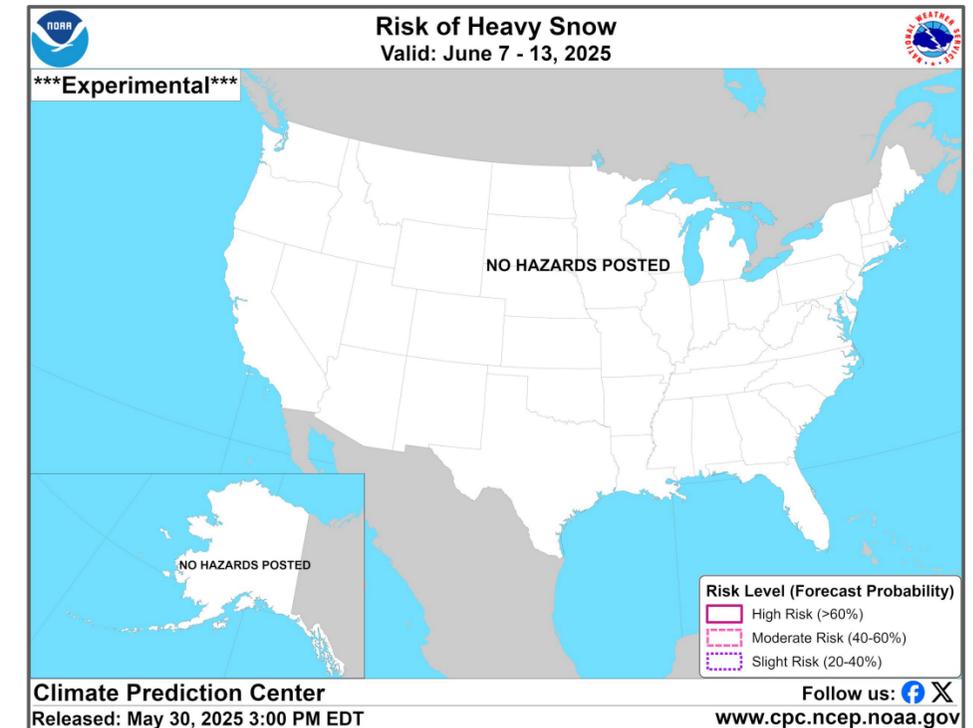
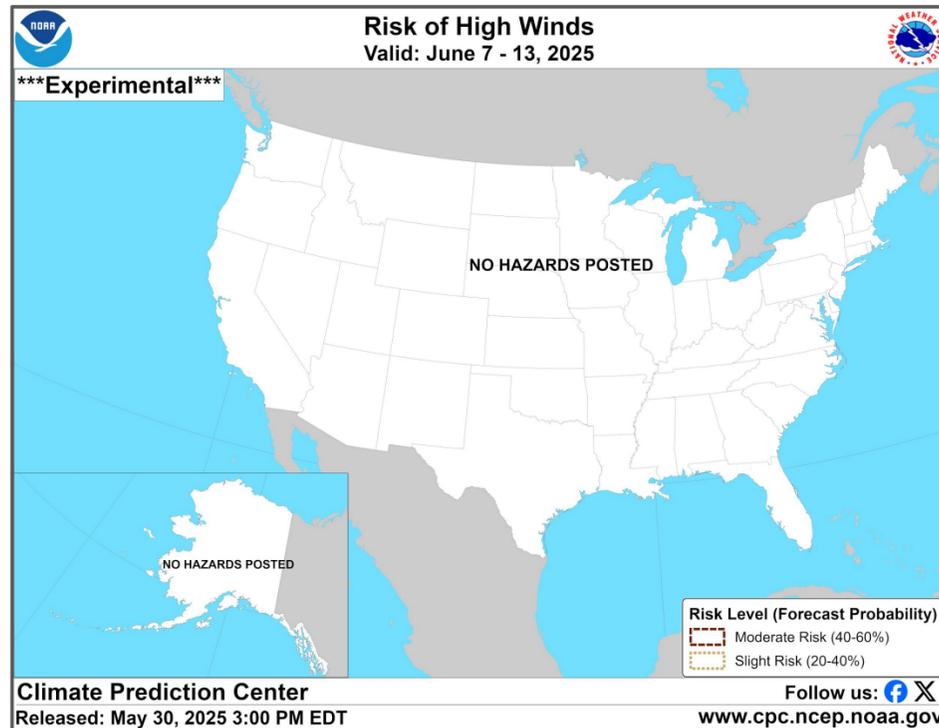
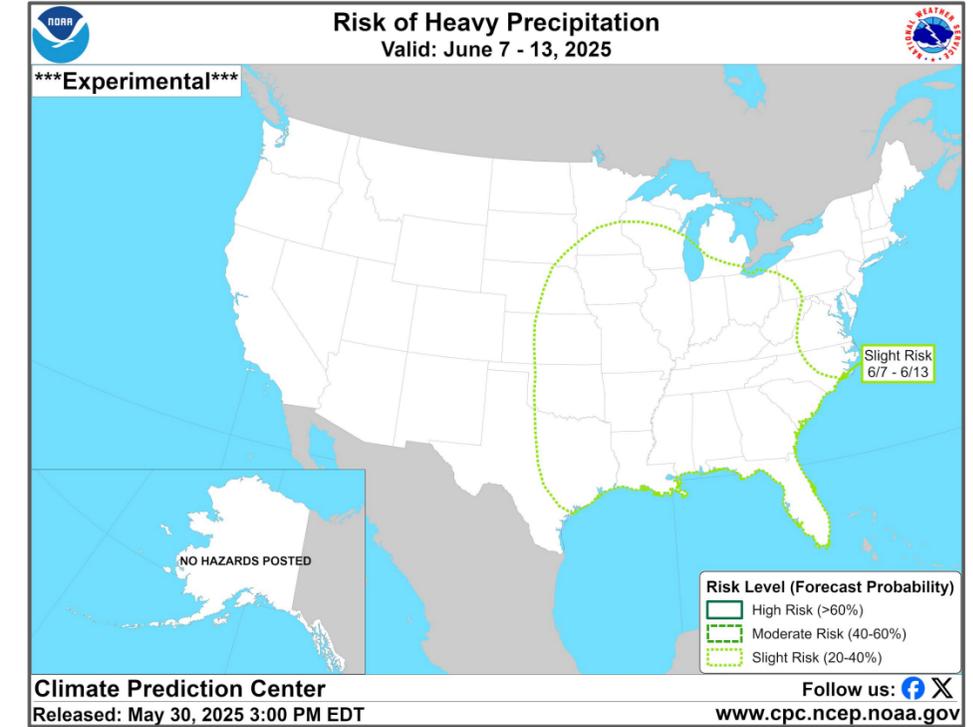
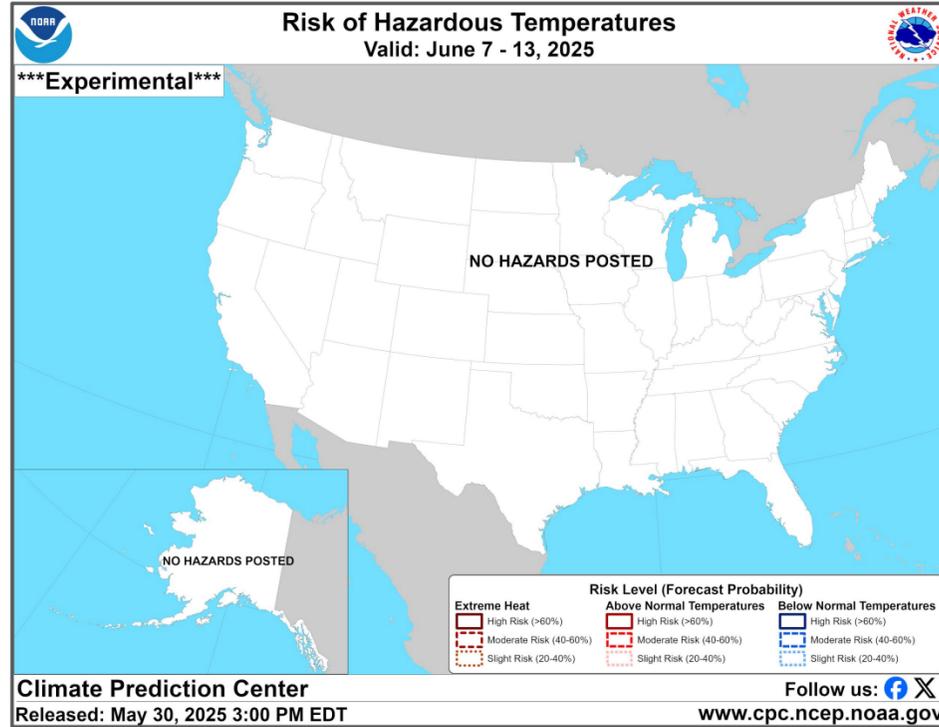
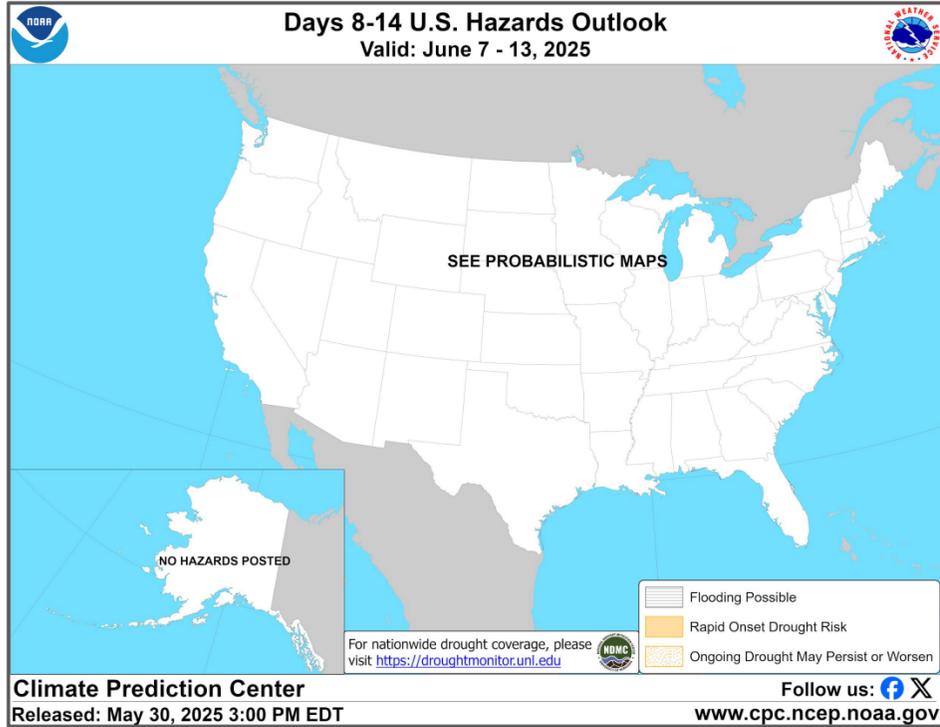
NOTE: These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

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://www.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:

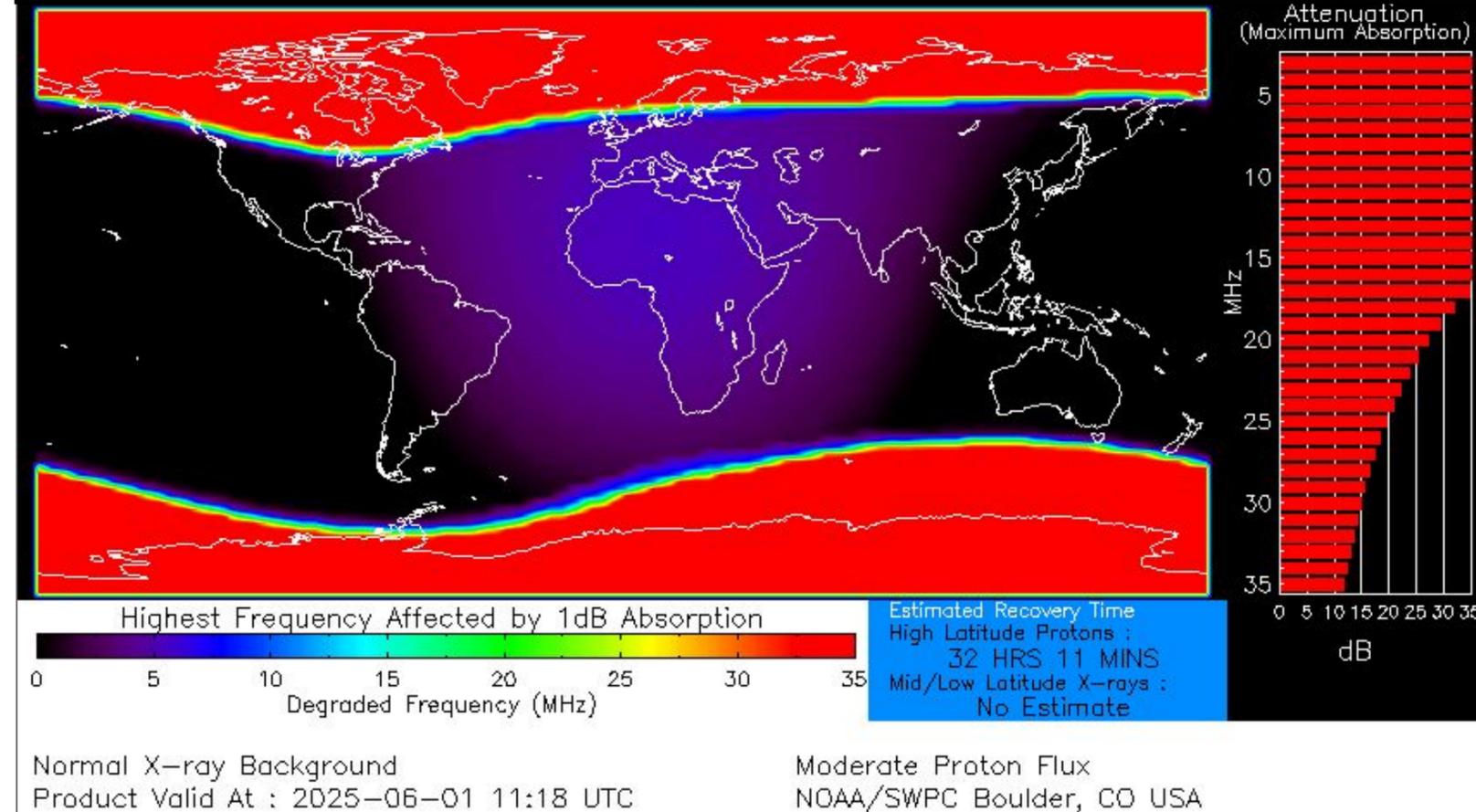
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

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



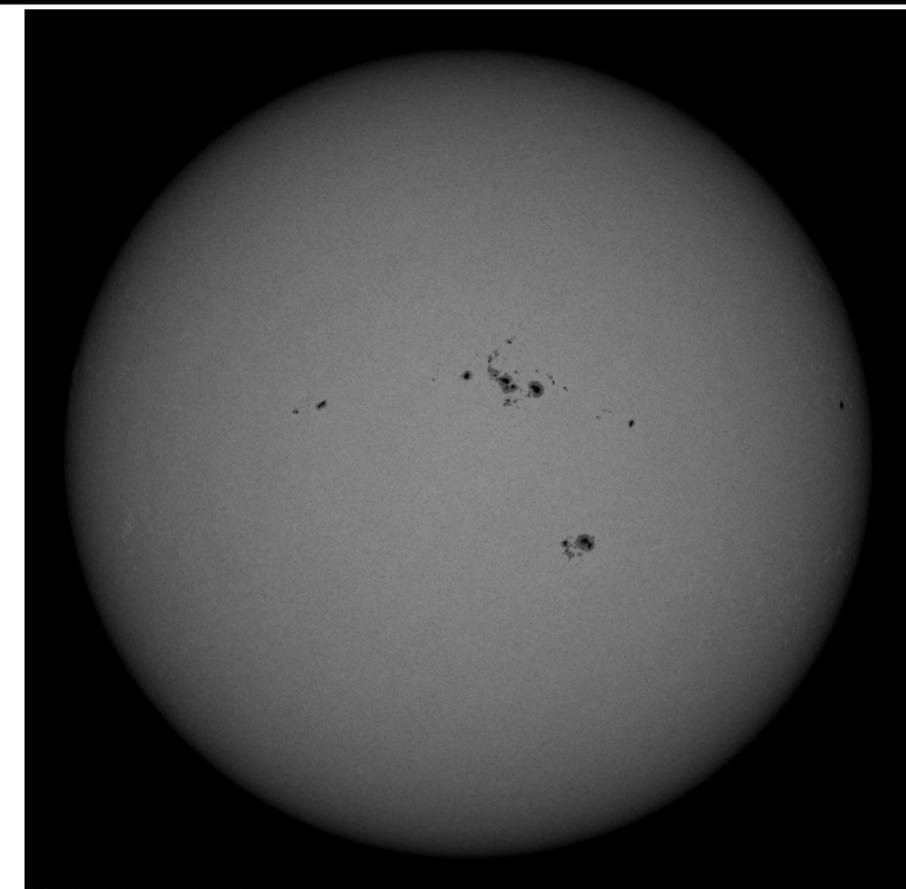
Space Weather 3-Day Forecast

	Sunday, Jun 1	Monday, Jun 2	Tuesday, Jun 3
Geomagnetic Storms	Severe - G4 (Max Kp = 8)	Moderate - G2 (Max Kp = 6)	Minor - G1 (Max Kp = 5)
Solar Radiation Storm (S1-S5)	75%	75%	75%
Radio Blackout (R1-R2)	65%	65%	65%
Radio Blackout (R3-R5)	25%	25%	25%



[Description of the Space Weather Storm Scales](#)

[Latest 3-Day Space Weather Forecast](#)





CME Arrived & Geomagnetic Storm WATCH 1-2 June

G4

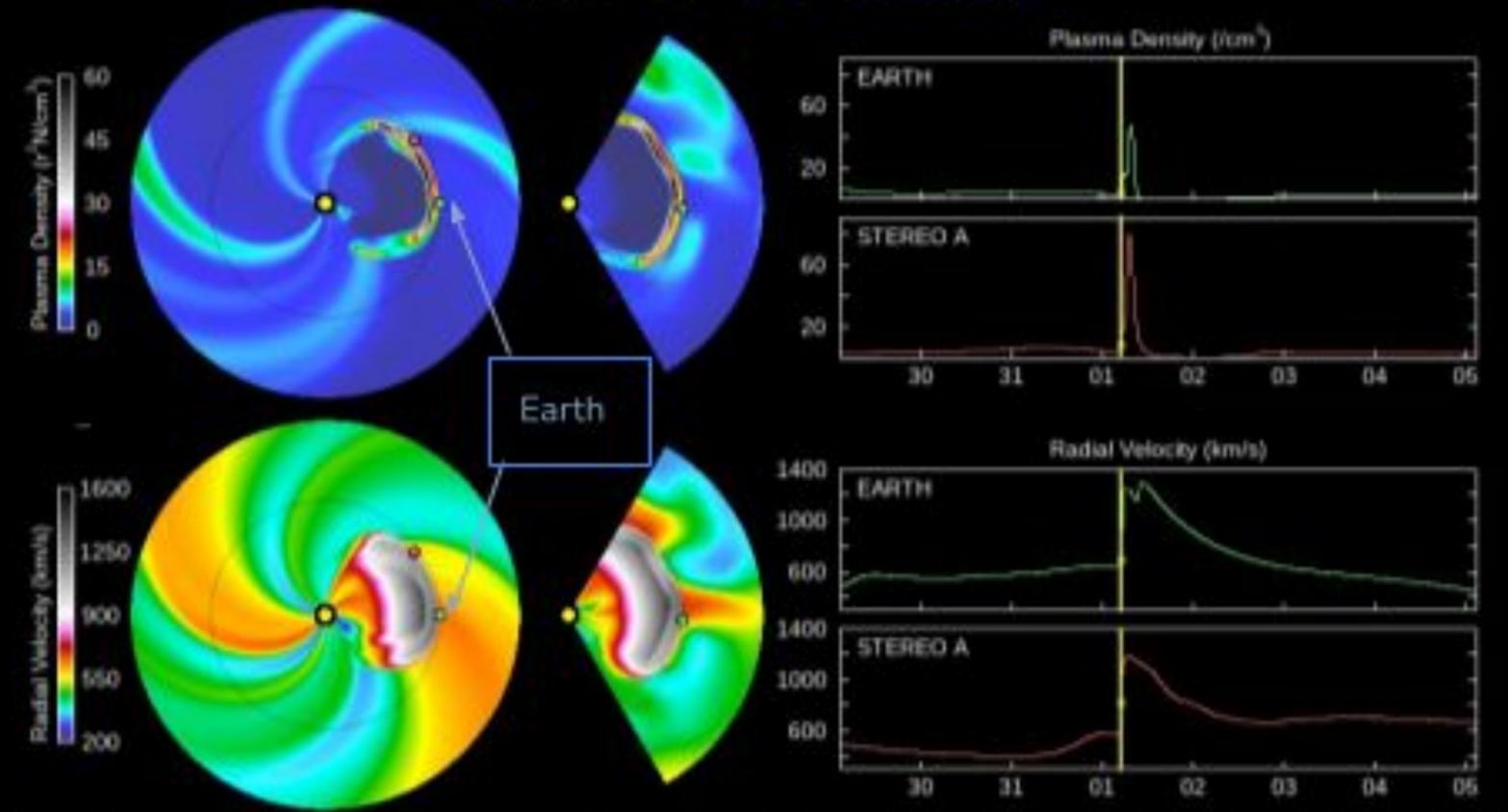
Updated
June 1,
00:54 MDT

WHAT: A CME has arrived at Earth and elevated geomagnetic activity is expected.

Forecasters make several WSA-Enlil model "runs" when a CME is observed. This run turned out to be the most correct of those accomplished for this storm, indicating an earlier arrival

Updates:

2025-06-01 05:00Z



A CME shock was observed at 01:23 am EDT on Jun 1, 2025 at a spacecraft approximately 1 million miles from Earth, indicating the arrival of the anticipated Coronal Mass Ejection.

Geomagnetic field activity level is anticipated to remain disturbed throughout today into June 2nd as the storm evolves. G3 conditions have been observed and G4 conditions are expected.

Space Weather Prediction Center Run Time: 2025-05-31 03:00Z Mode: CME Image Created: 2025-05-31 05:25Z

Weather “Threat” Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;">Little to None</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"> 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	<p style="text-align: center;">Minor</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"> 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	<p style="text-align: center;">Moderate</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"> 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	<p style="text-align: center;">Major</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"> 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	<p style="text-align: center;">Extreme</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"> 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



National Weather Service

Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



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X: NWSSouthern



Web: www.weather.gov/srh

