



FEMA



Prepared by
Melissa Huffman

FEMA Region 6 Weather Threat Briefing

Monday, July 01, 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.





Summary of the Upcoming Week

- **Heavy rain/flash flooding into next week across NM, burn scar areas have the highest chances this weekend.**
- **Excessive heat across much of FEMA Region 6 through mid-week.**
- **Tropics**
 - **Major Hurricane Beryl will enter the Caribbean today and remain a major hurricane through Tuesday as it moves NW. No impacts expected to FEMA Region 6 through Friday, continue to monitor.**
 - **TD Chris has moved inland over Mexico. No impacts to FEMA Region 6.**
 - **Medium chance...60%... for tropical development in the Atlantic Ocean in the next seven days. No impacts expected to FEMA Region 6, continue to monitor.**





FEMA Region 6 Threat Matrix

Next 5 Days

	Monday, Jul 1	Tuesday, Jul 2	Wednesday, Jul 3	Thursday, Jul 4	Friday, Jul 5
Severe Storms		NE NM, TX/OK Panhandles	NE NM, TX/OK Panhandles		
Heavy Rain / Flash Flooding	W NM	W NM	NM	NE OK, N AR	NTX, E OK, AR, NM
Fire Weather					
Wind					
Heat	FEMA Region 6	FEMA Region 6	FEMA Region 6		
Tropical					Monitor for impacts from Beryl
River Flooding	SETX	SETX	SETX	SETX	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
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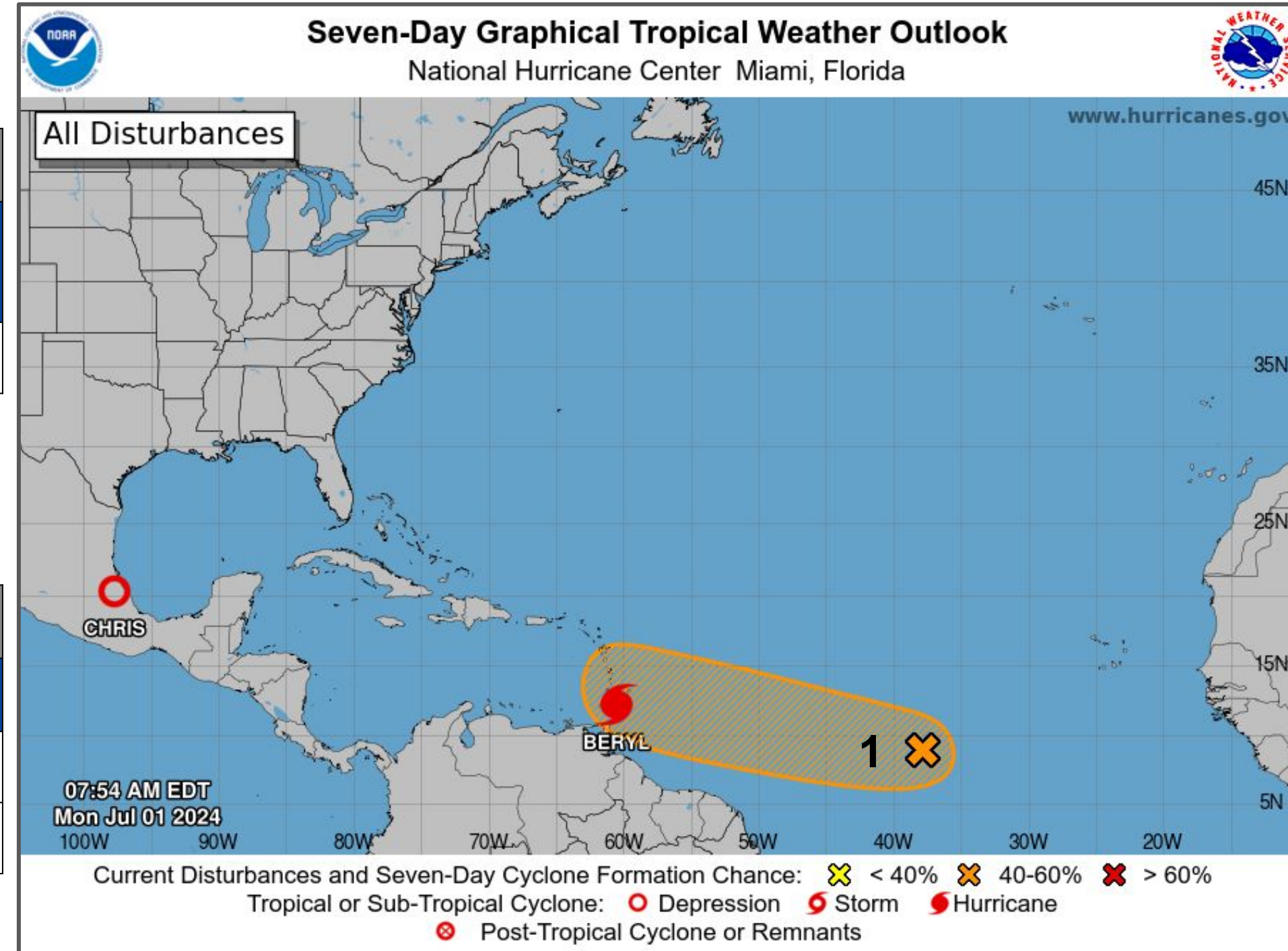
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Medium	None...continue to monitor.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Beryl	None...continue to monitor.
Chris	Inland over Mexico. No impacts.



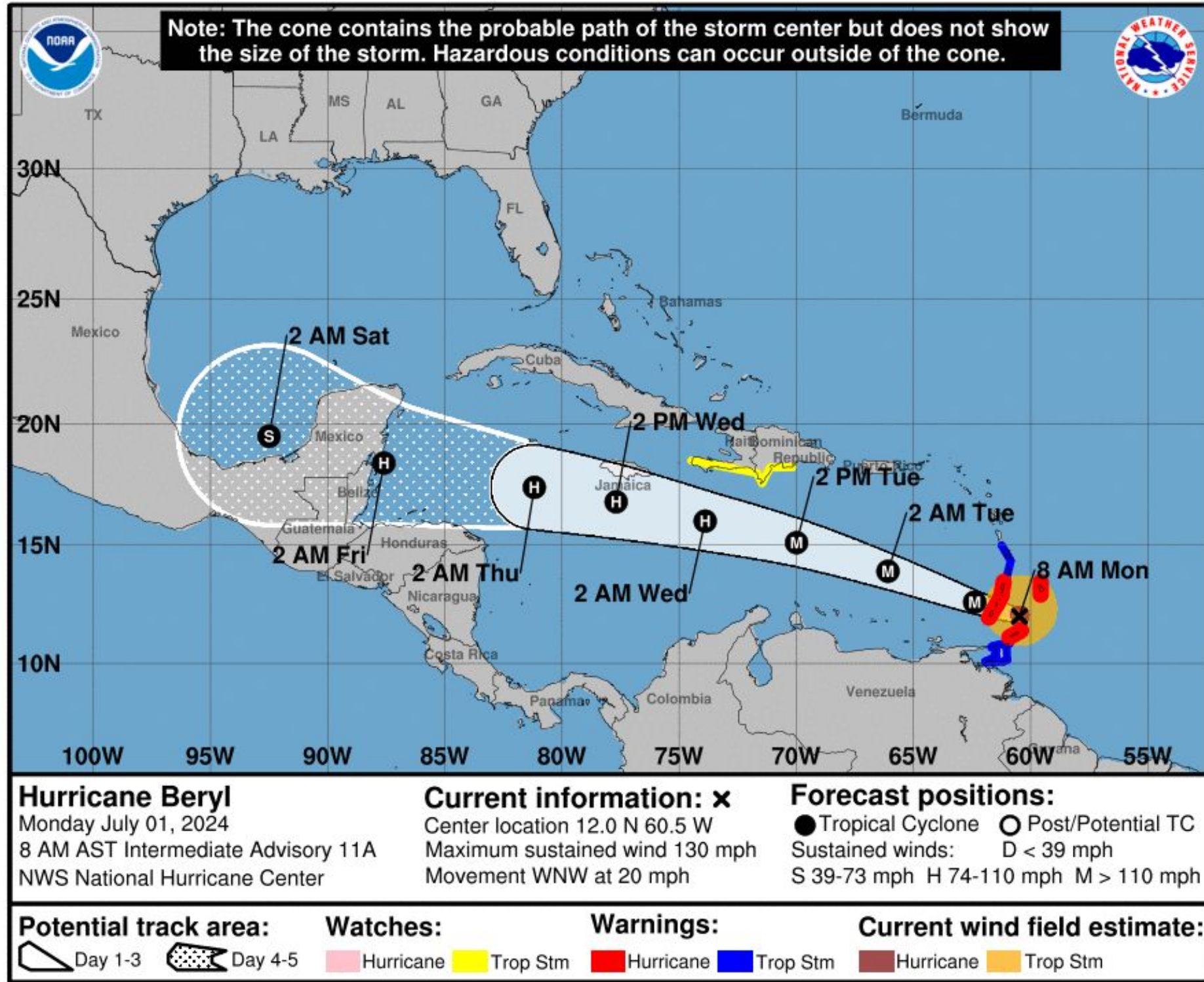
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



Hurricane Beryl

2:32 PM

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

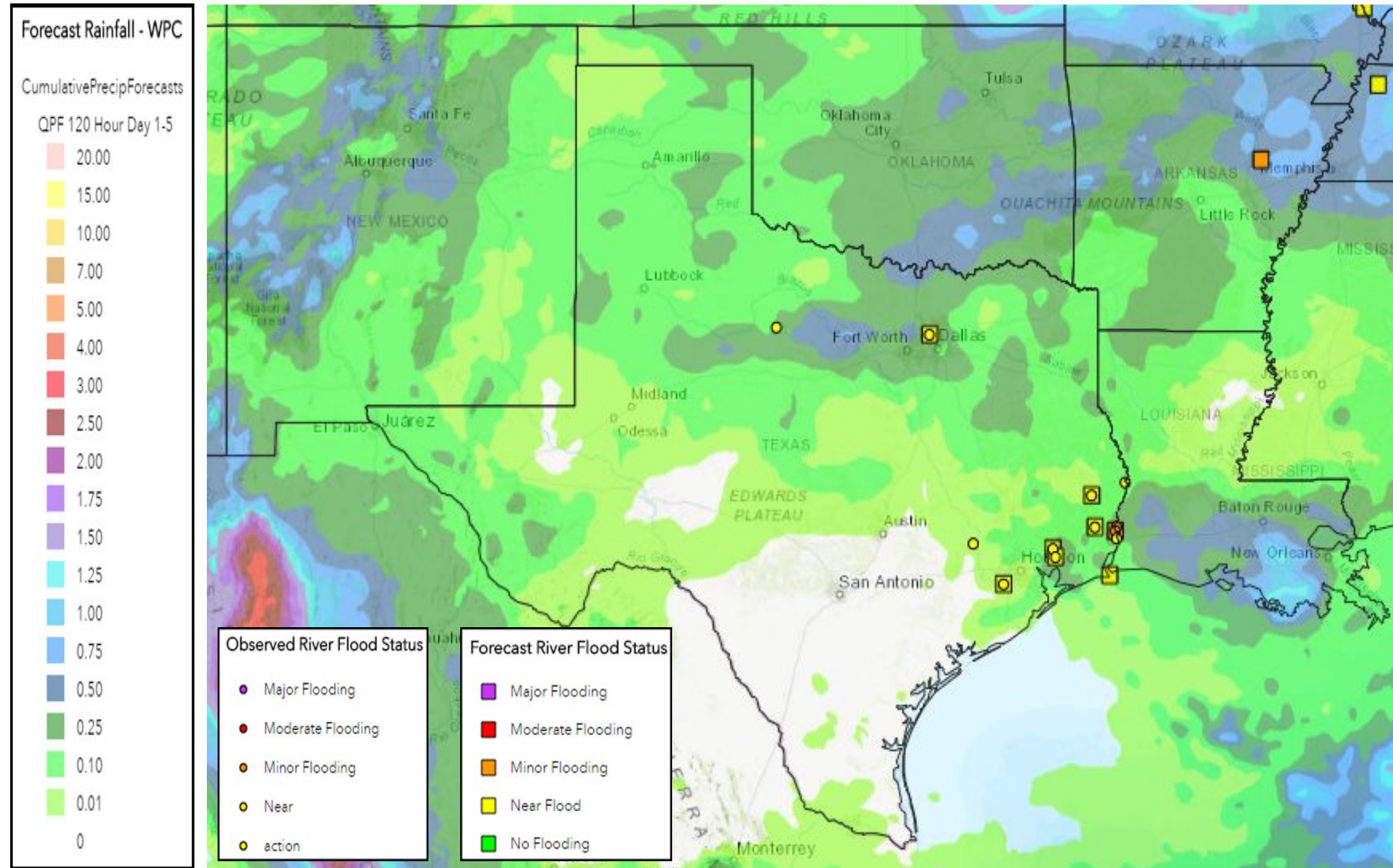


No impacts expected to FEMA 6 through Friday; continue to monitor.



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

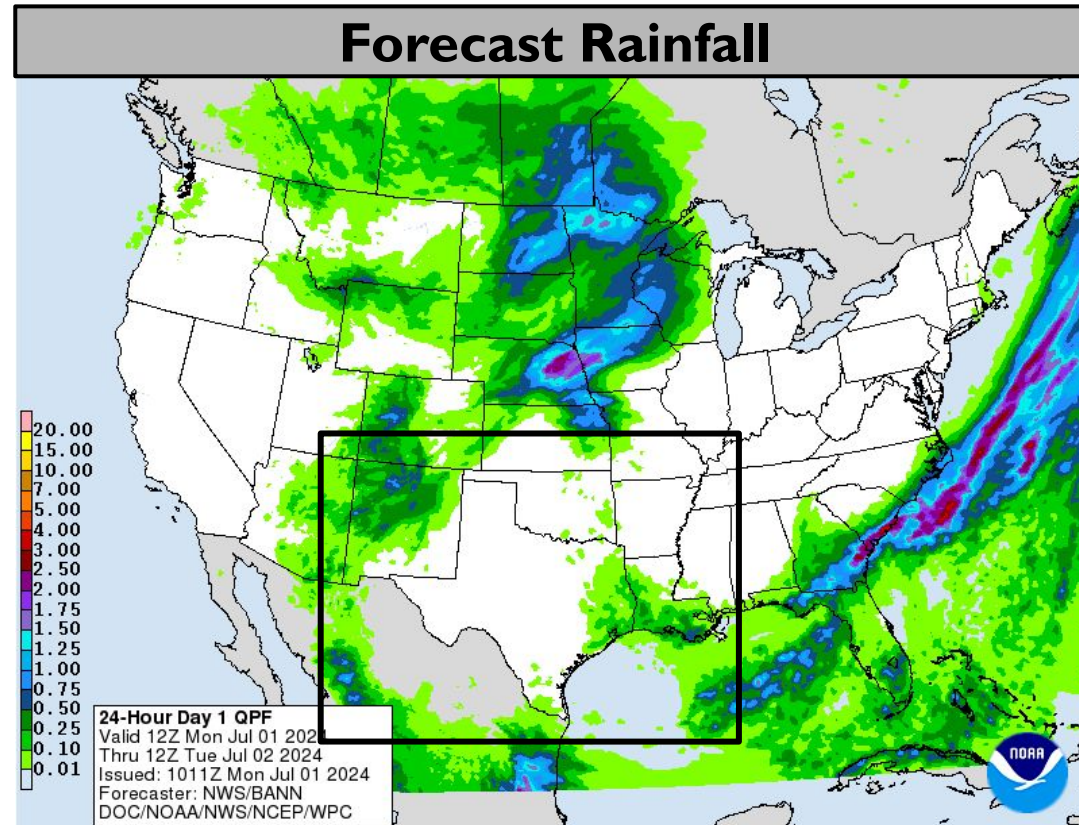
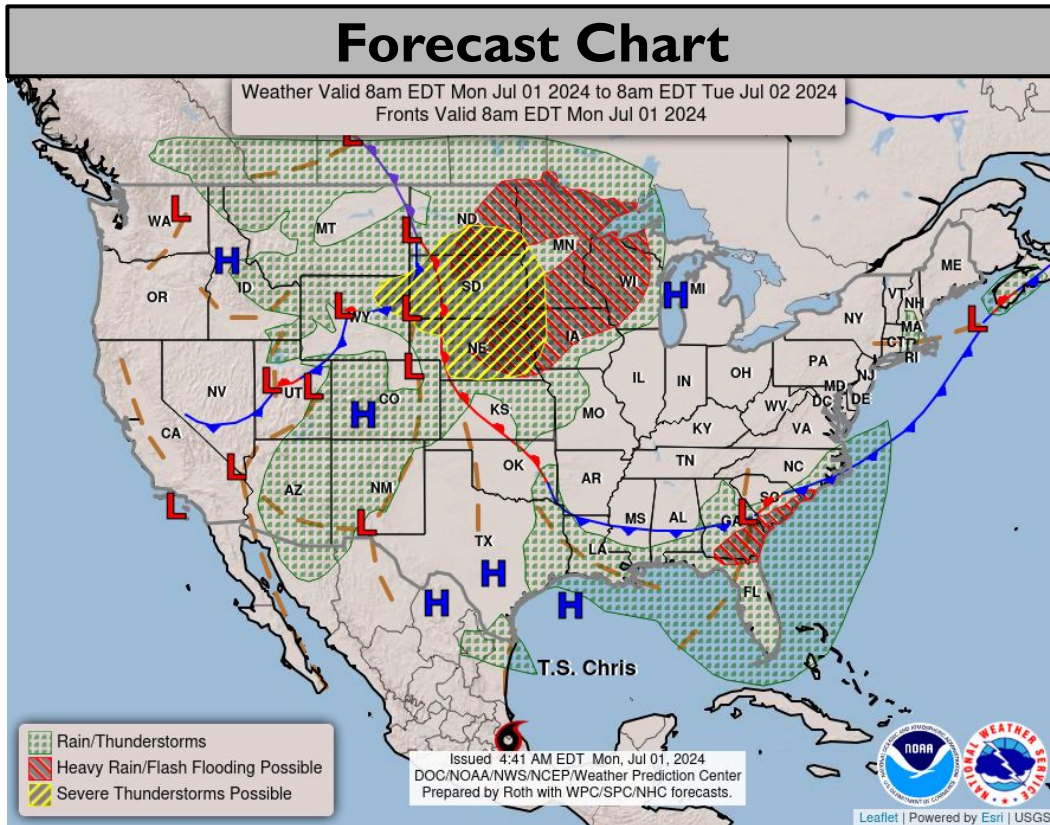


Isolated minor flooding in SETX.

Sabine River at Deweyville forecast to fall below minor flood stage by Thursday.

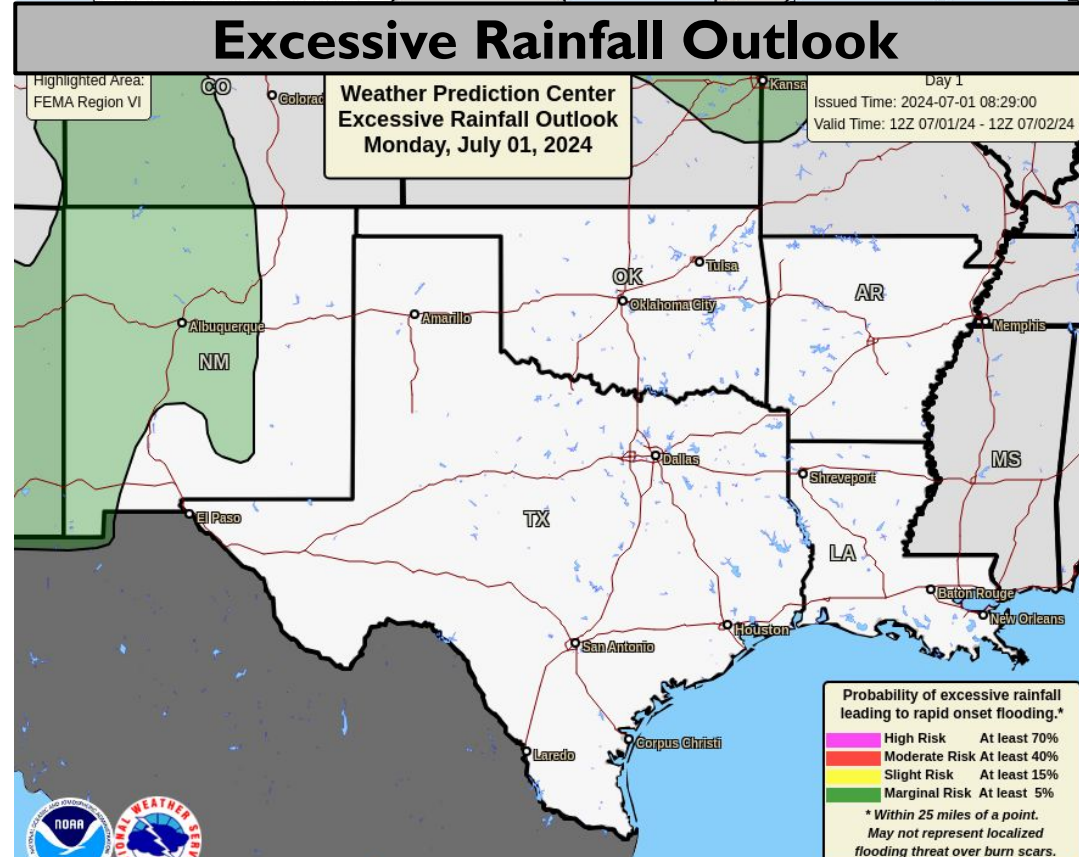
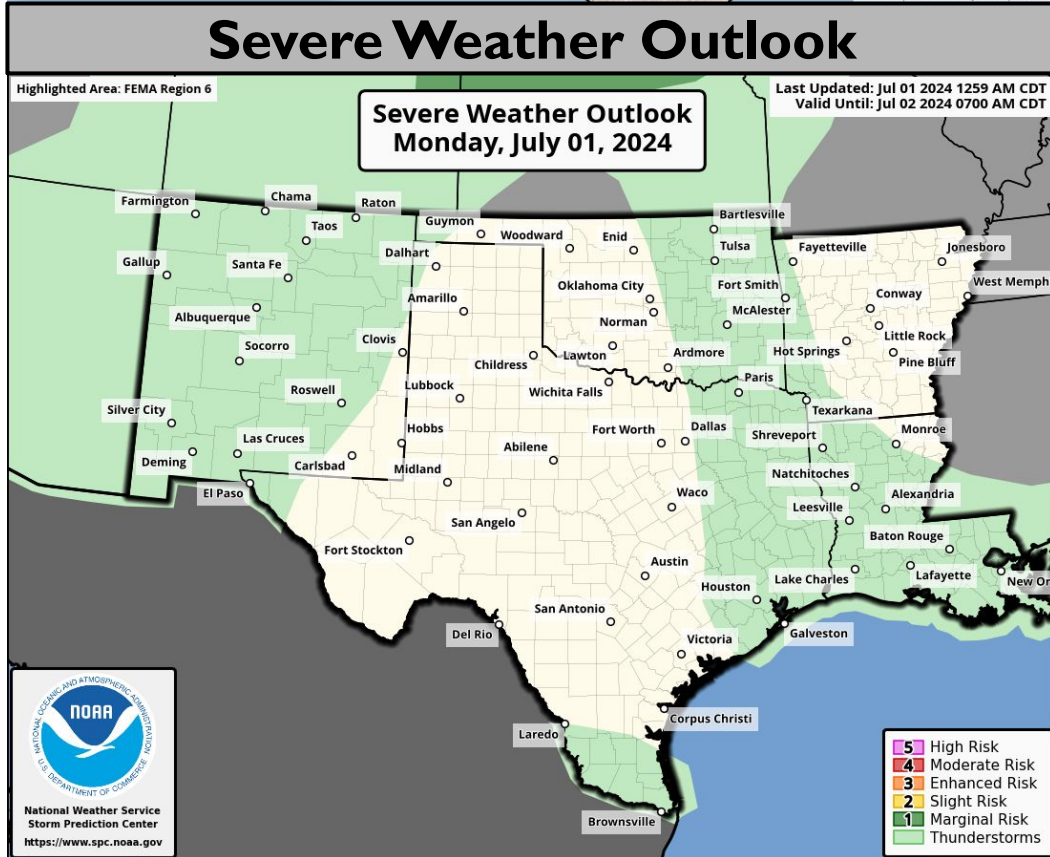


Today's Weather



Heavy rain/flash flood across W NM in burn scar areas.

Excessive heat continues across FEMA Region 6.

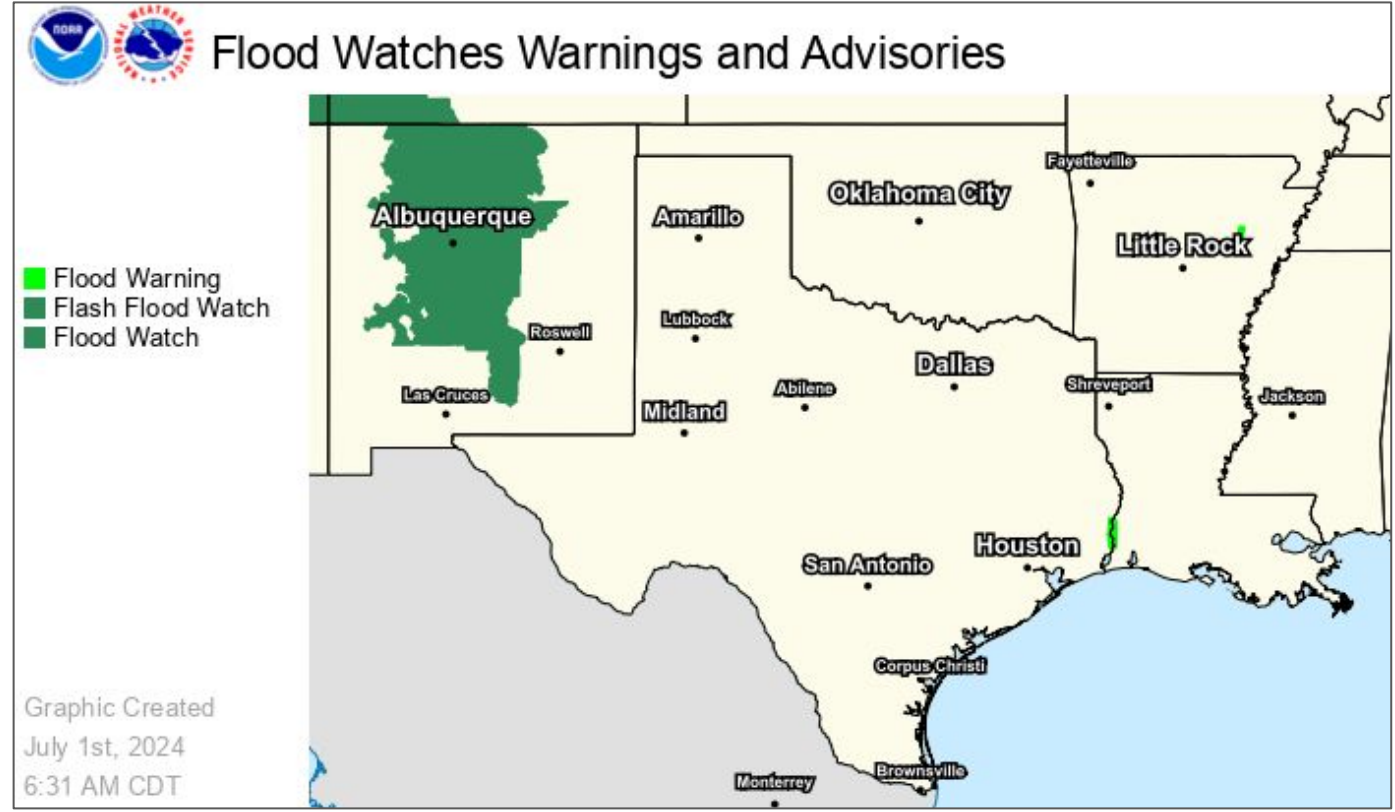
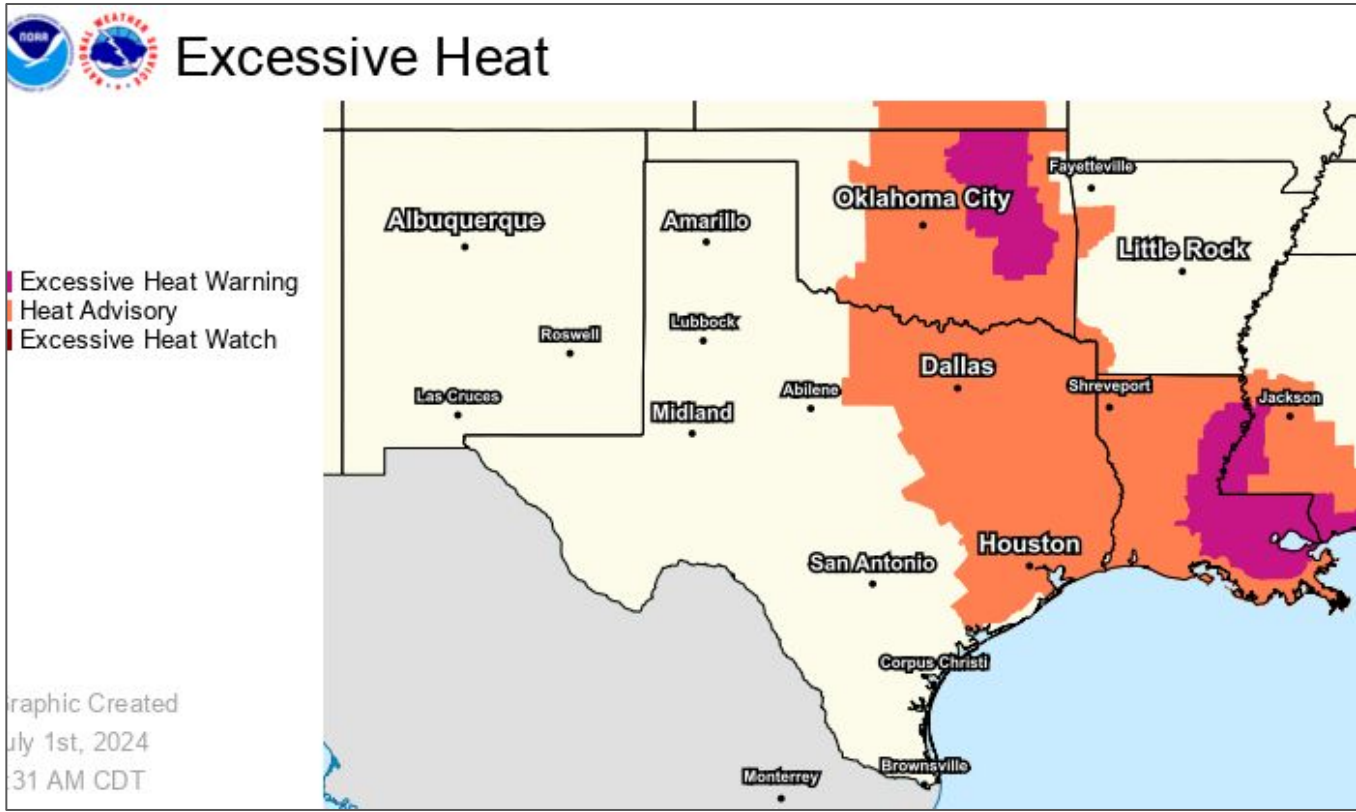
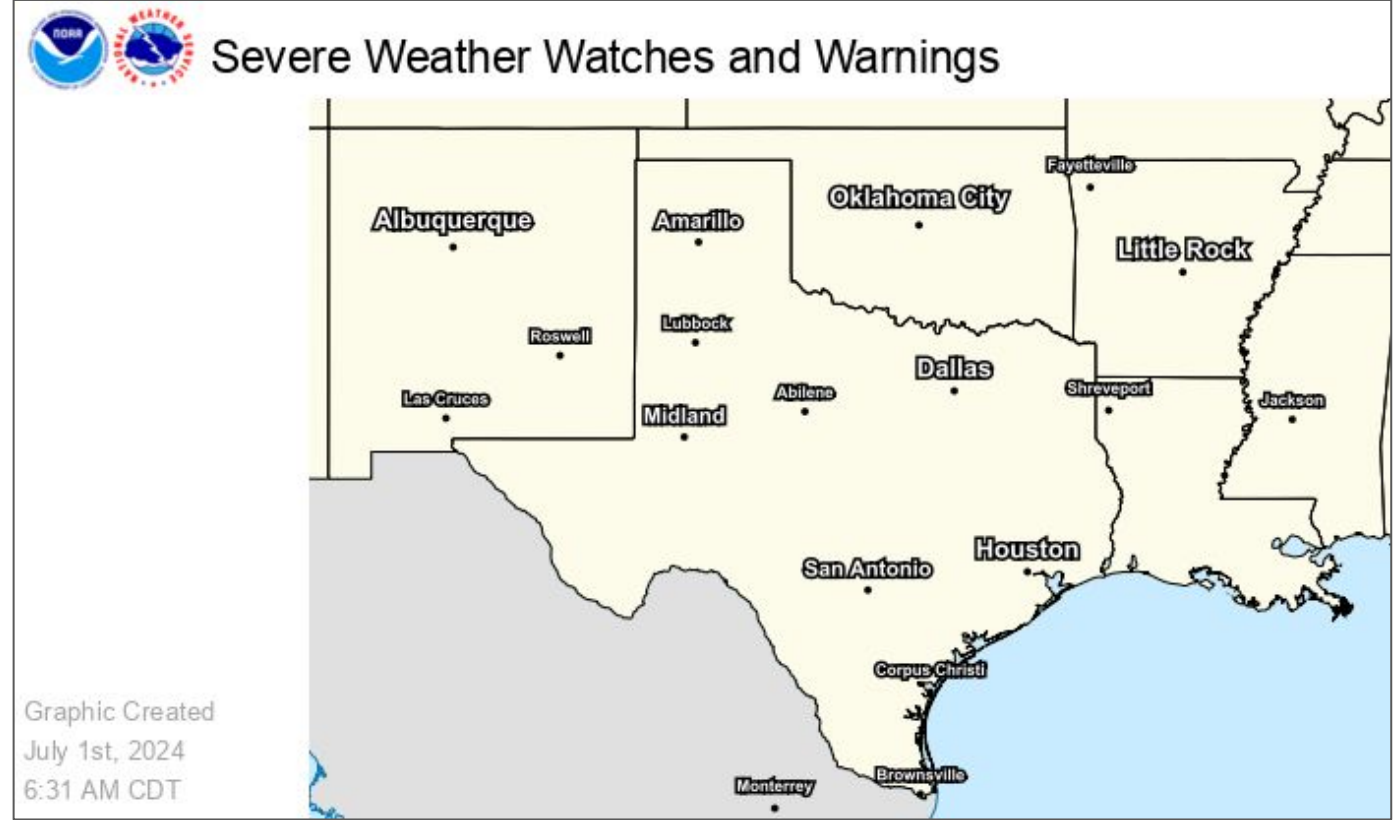




Watches, Warnings, and Advisories

Wind, Severe, Heat, and Flood Hazards

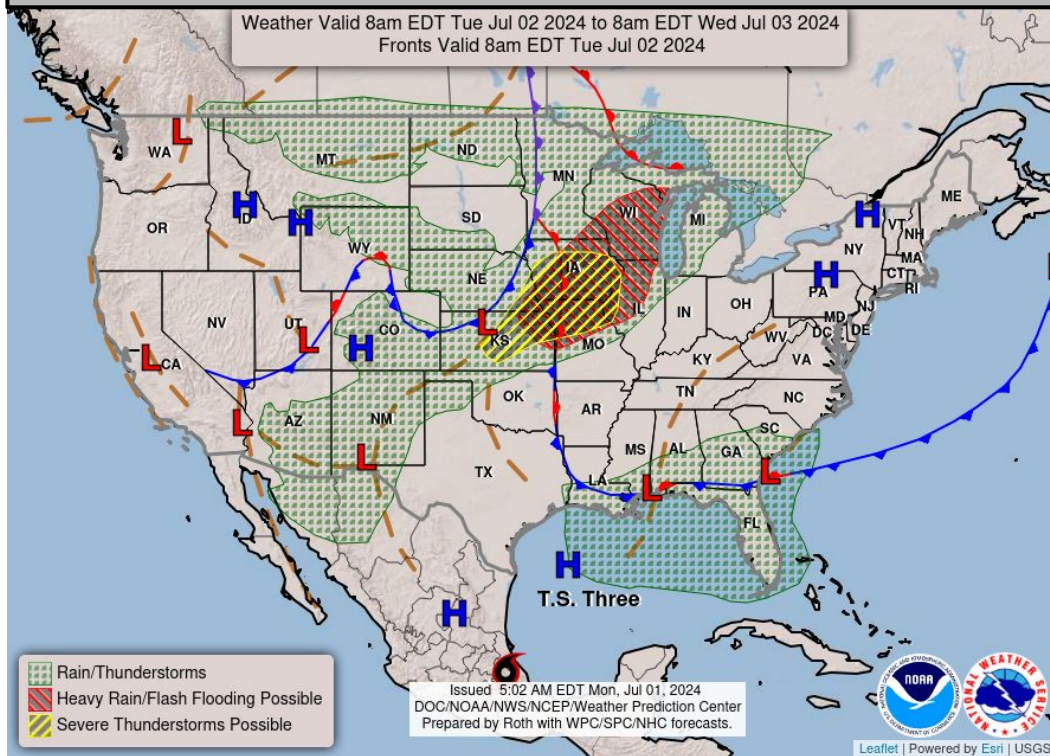
Heat Advisories/Excessive Heat Warnings across FEMA Region 6.
Flood Watch in effect for NM.



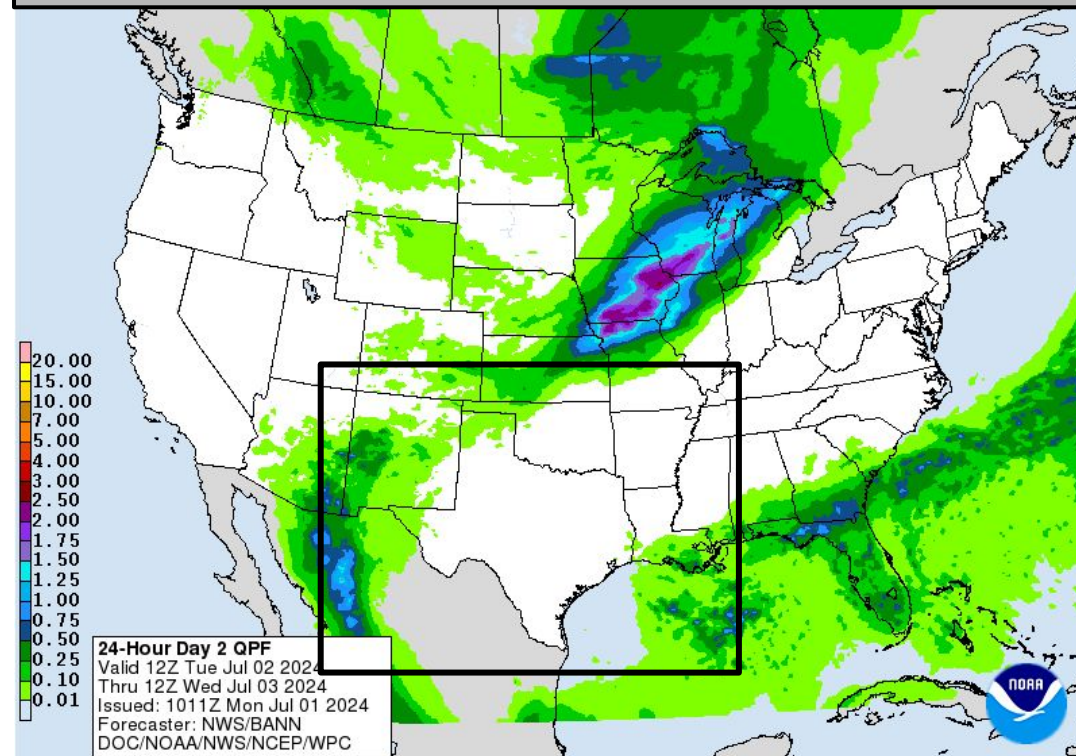


Tomorrow's Weather

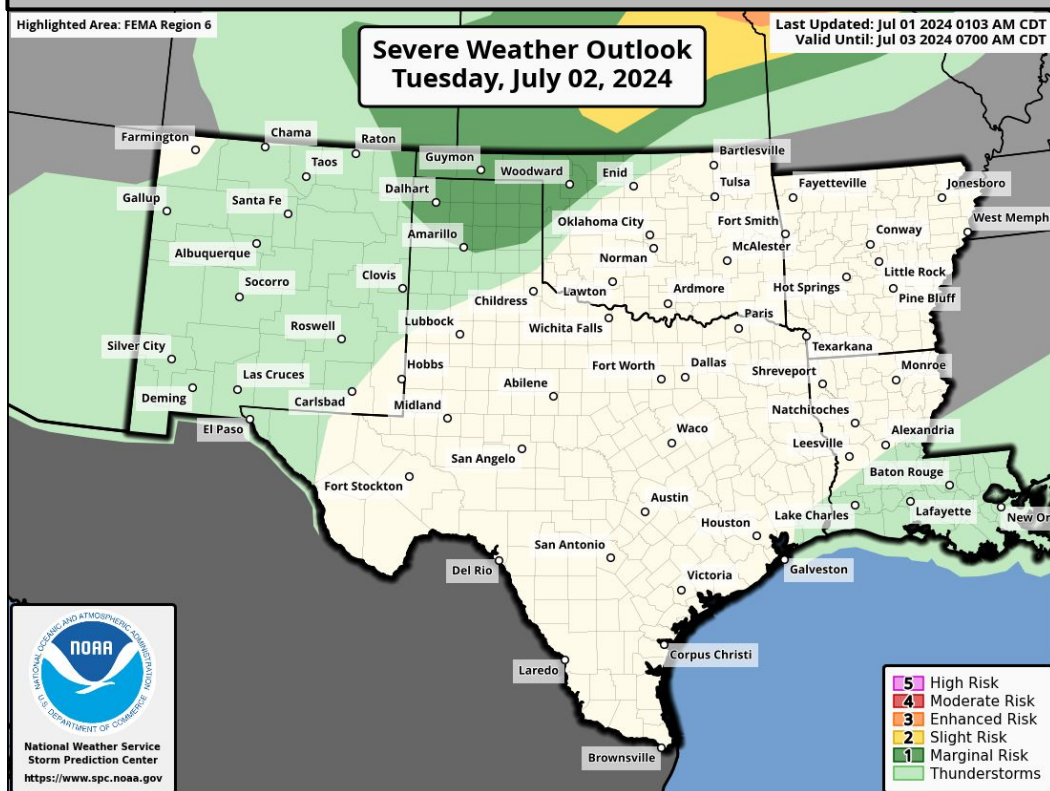
Forecast Chart



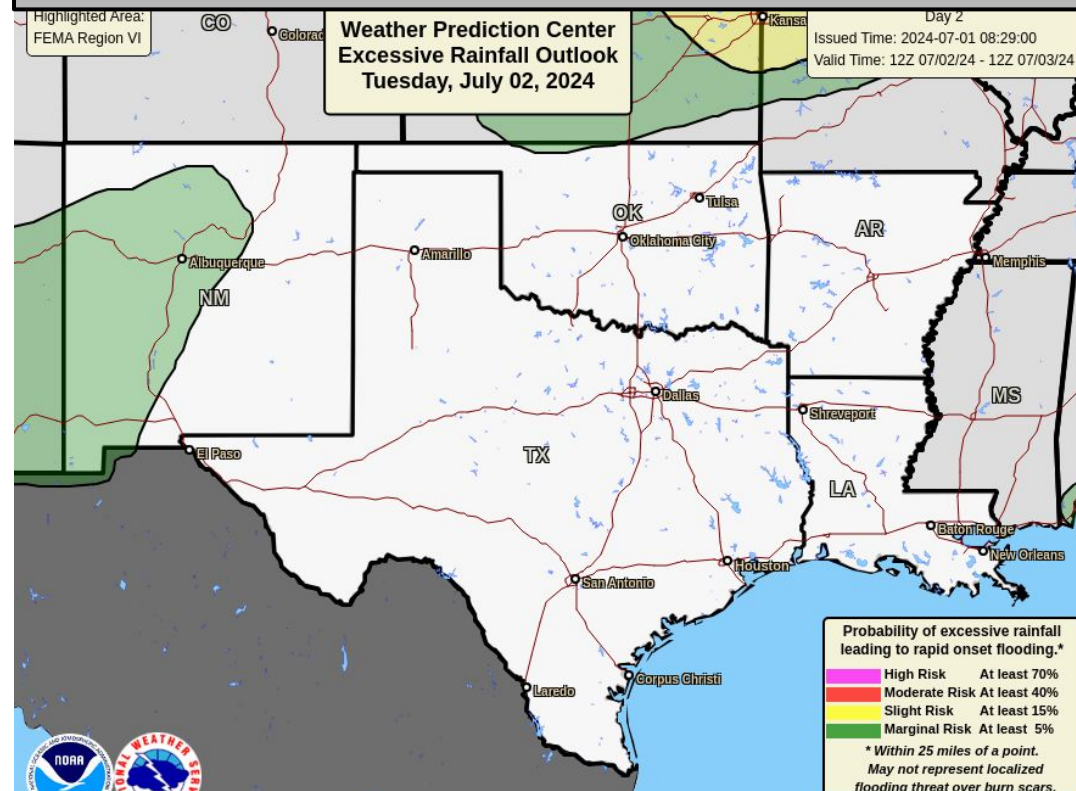
Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook



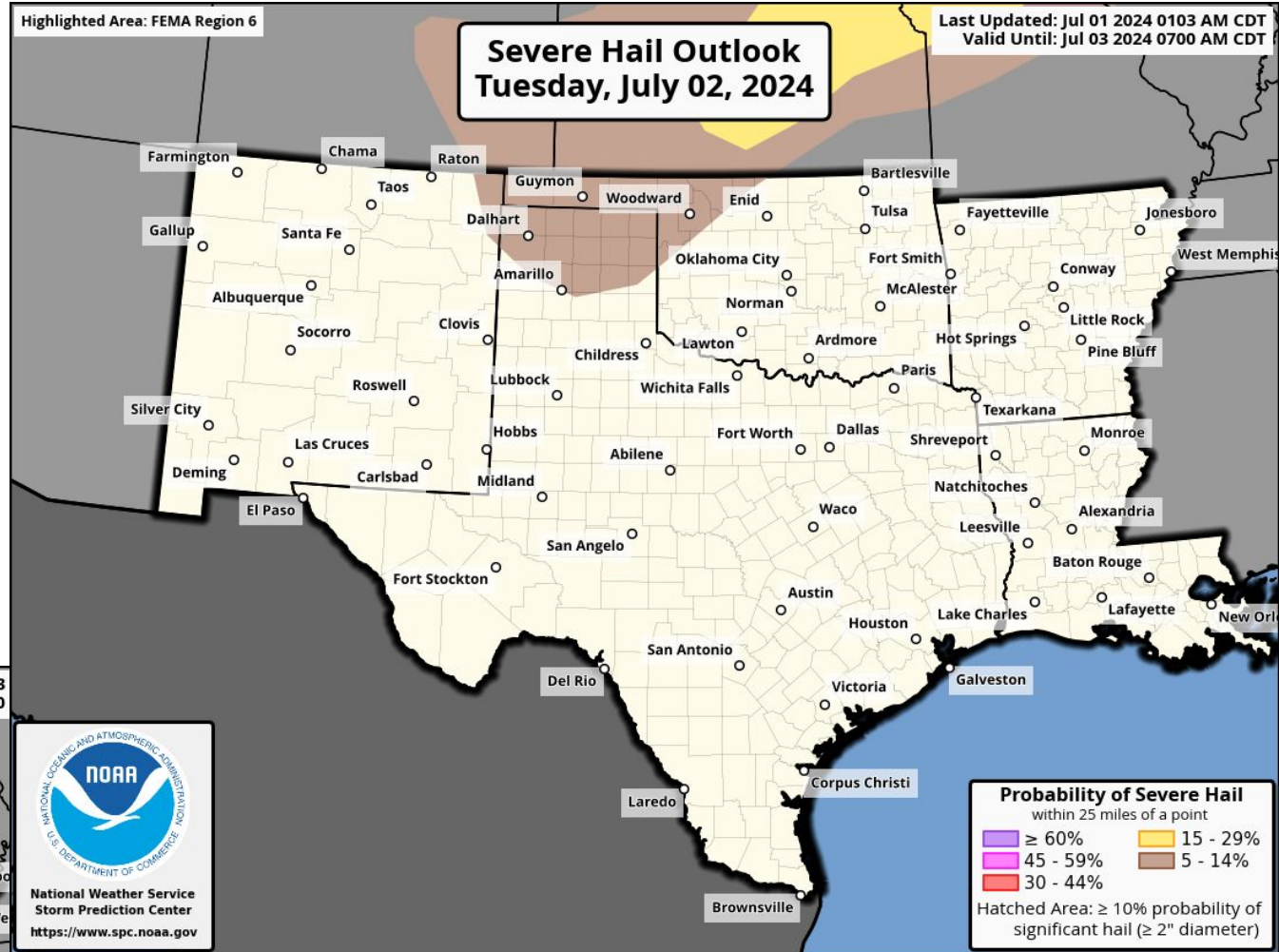
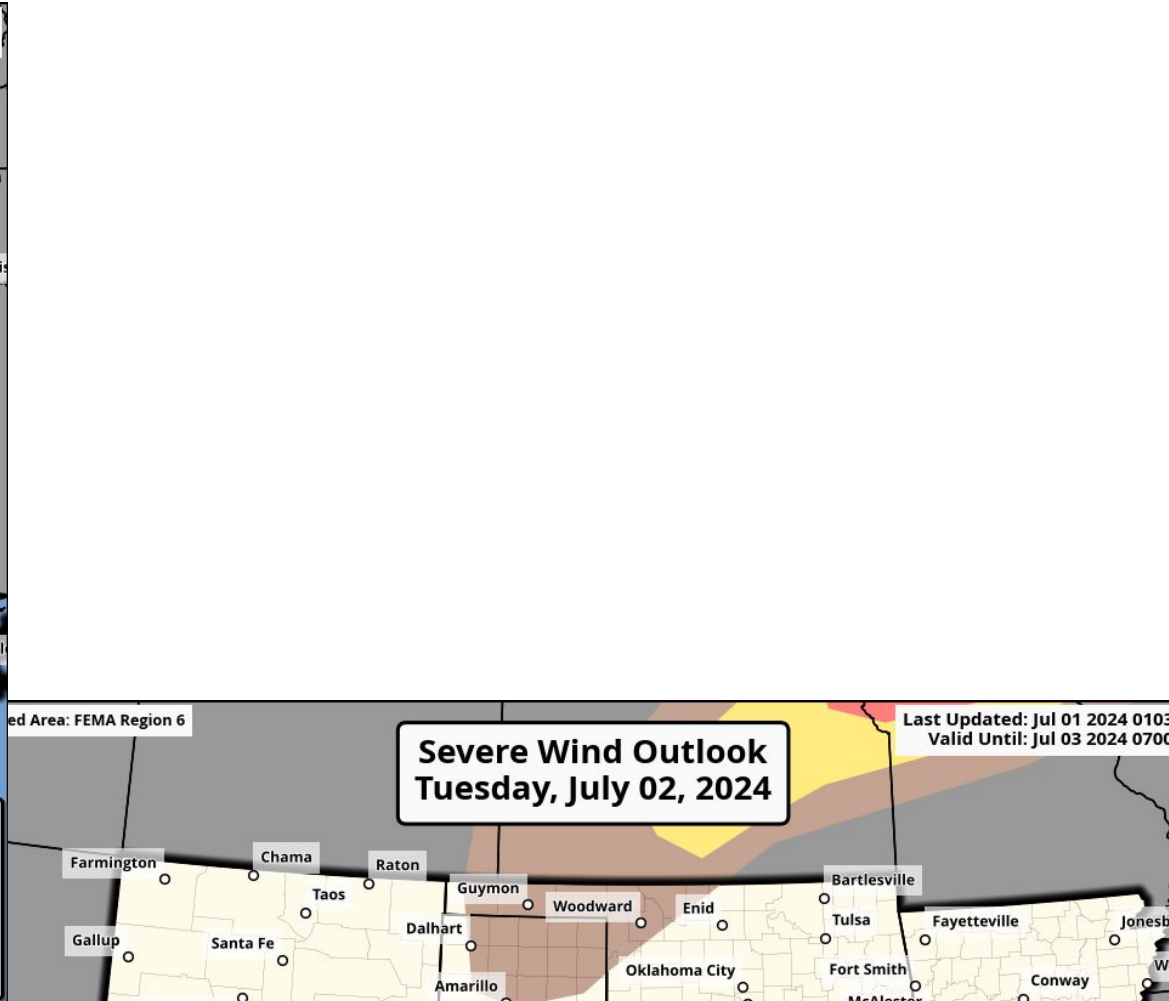
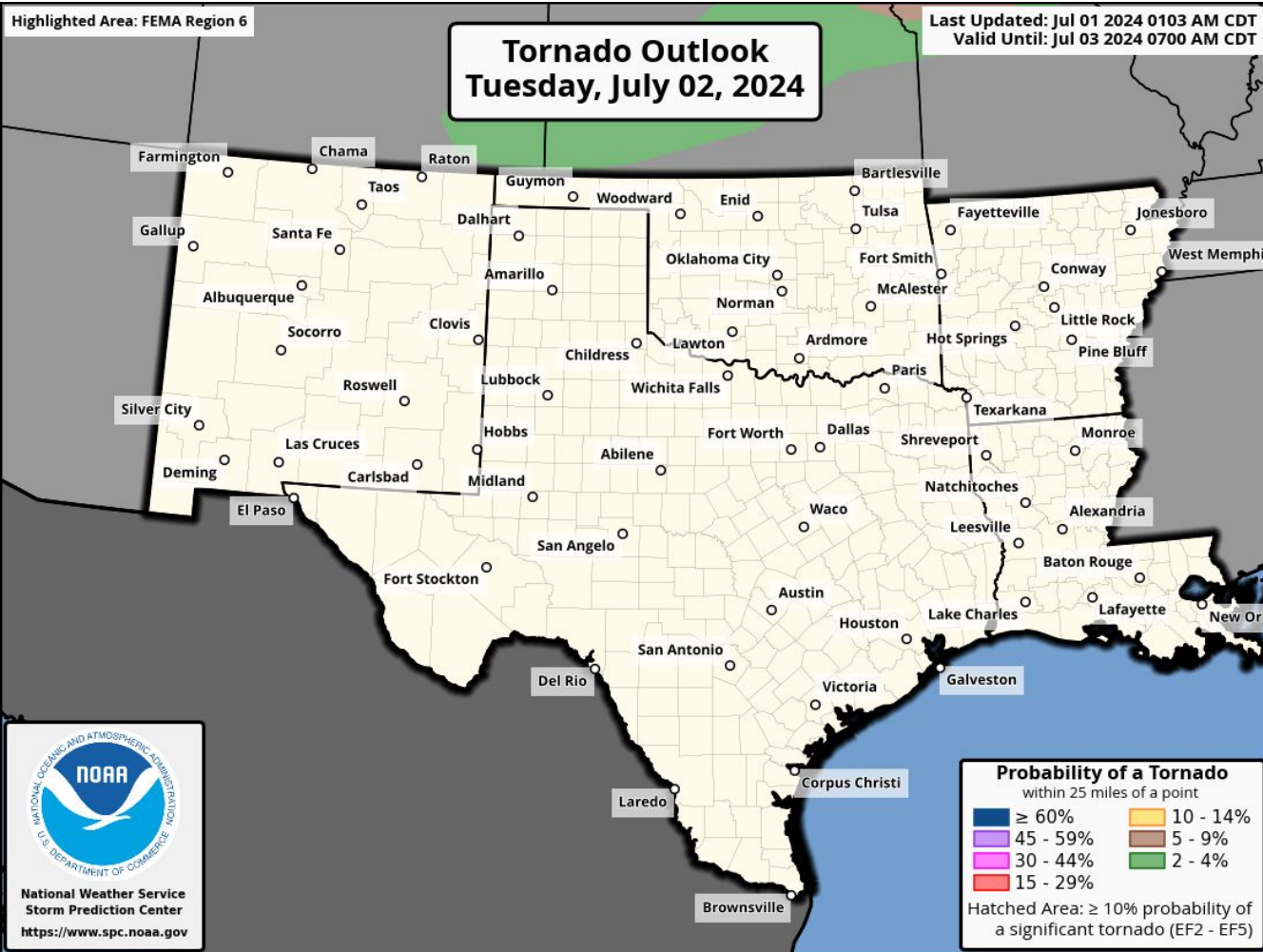
Heavy rain/flash flood across W NM in burn scar areas.

Excessive heat continues across FEMA Region 6.

Marginal risk of severe storms across NE NM, TX/OK Panhandles.



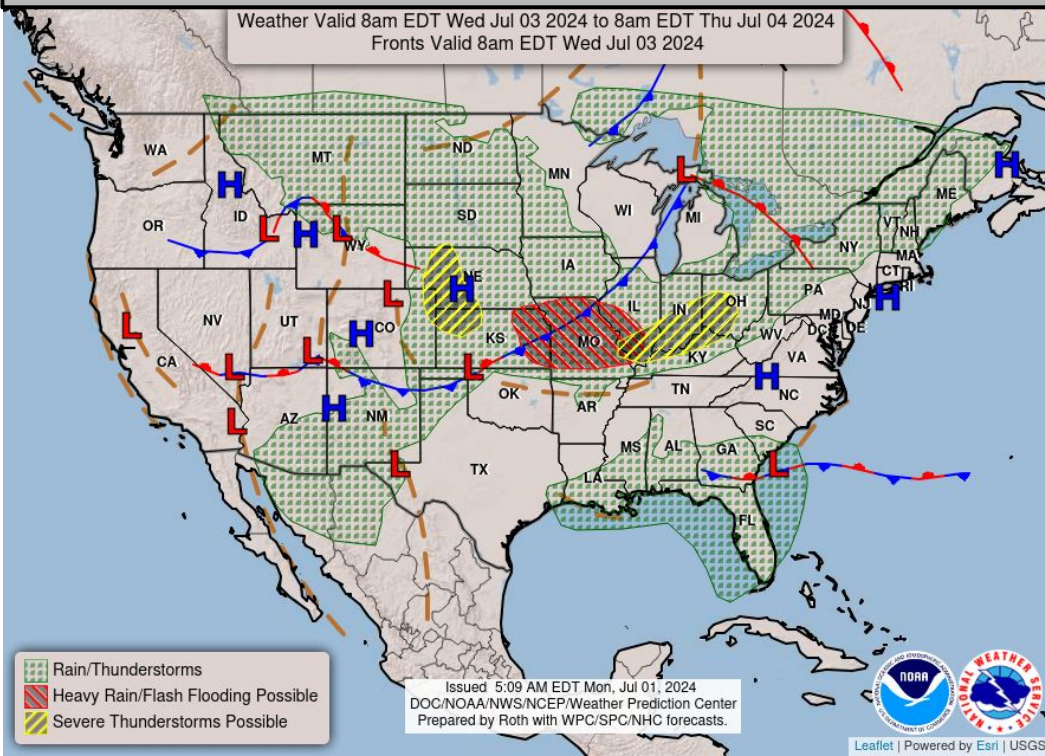
Tomorrow's Tornado & Severe Wind / Hail Probabilities



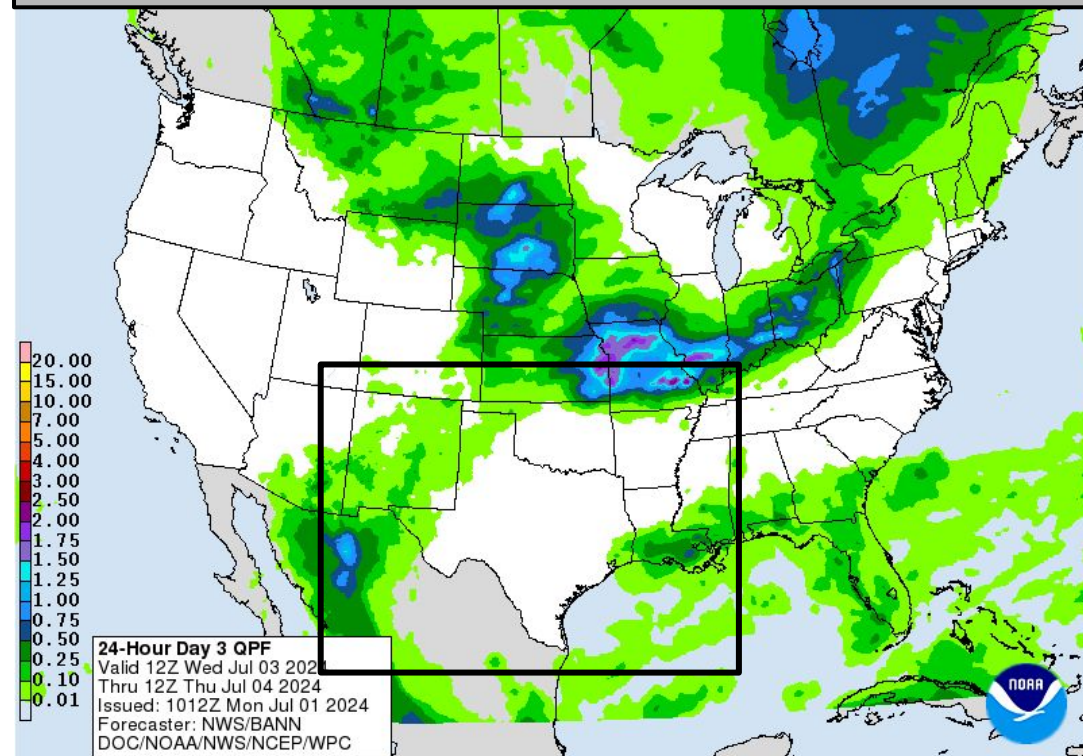


Wednesday's Weather

Forecast Chart



Forecast Rainfall

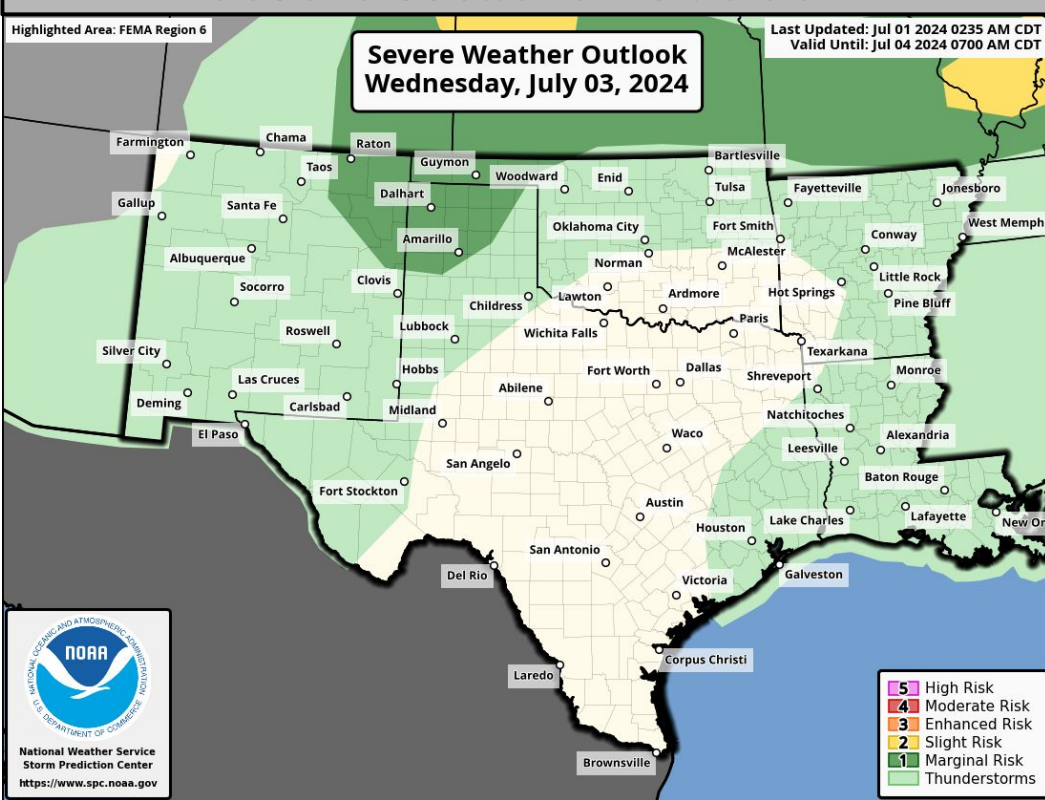


Heavy rain/flash flood across NM in burn scar areas.

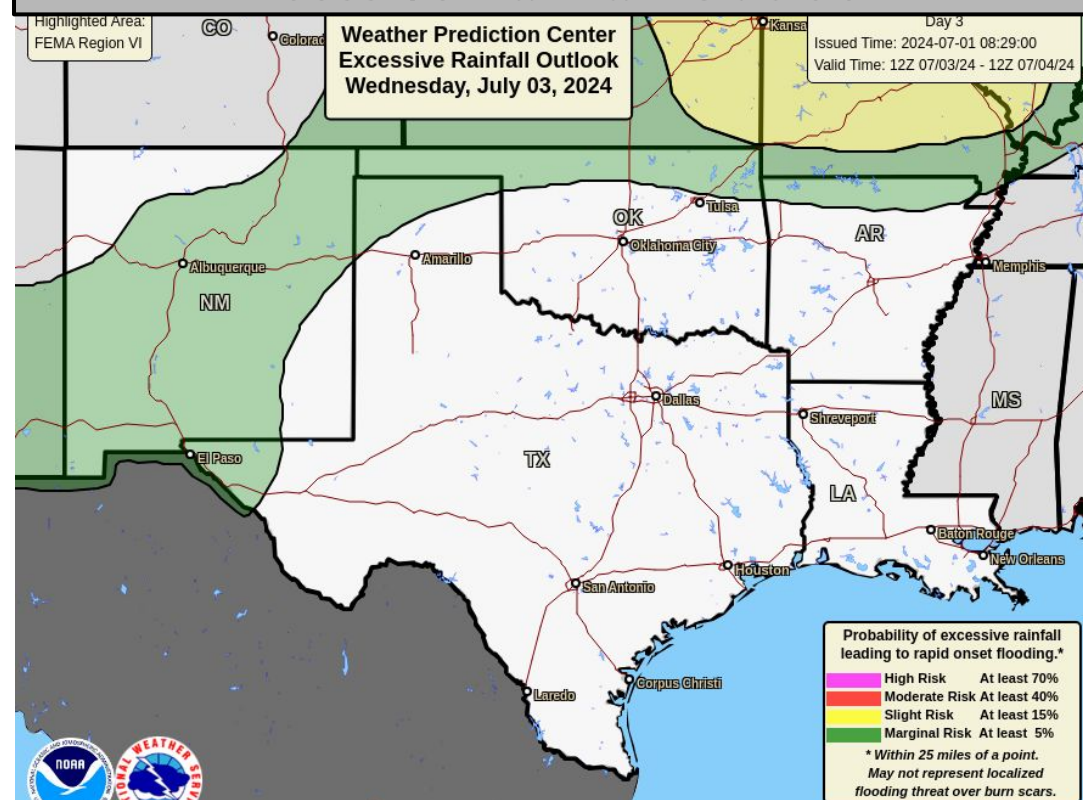
Excessive heat continues across FEMA Region 6.

Marginal risk of severe storms across NE NM, TX/OK Panhandles.

Severe Weather Outlook



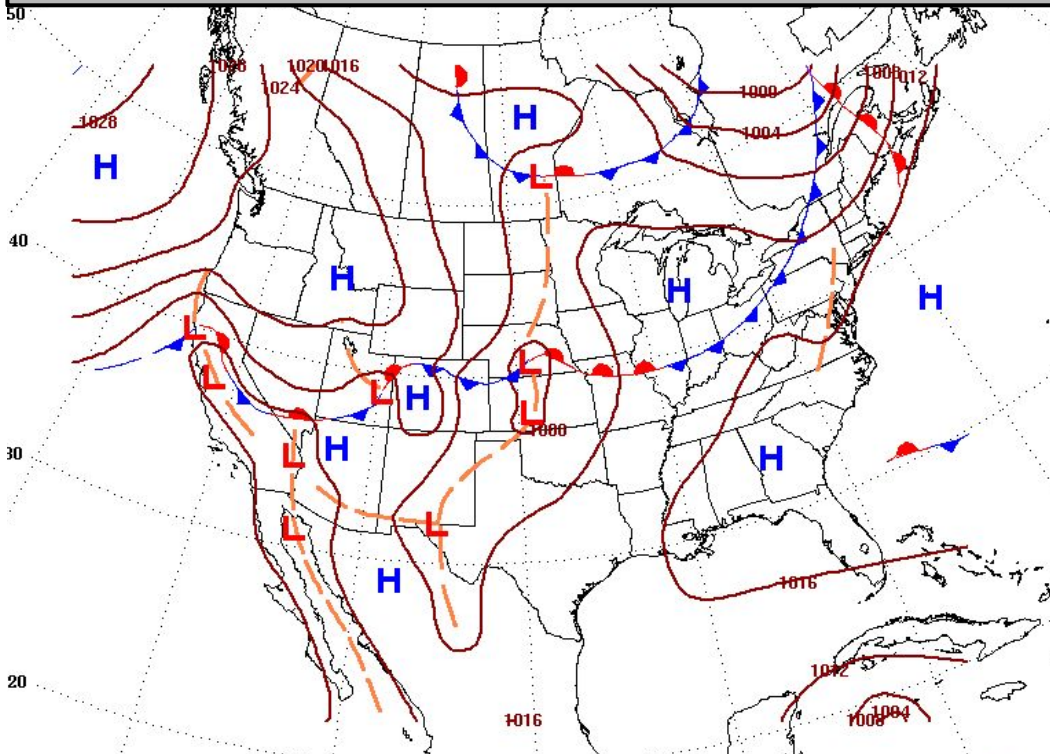
Excessive Rainfall Outlook



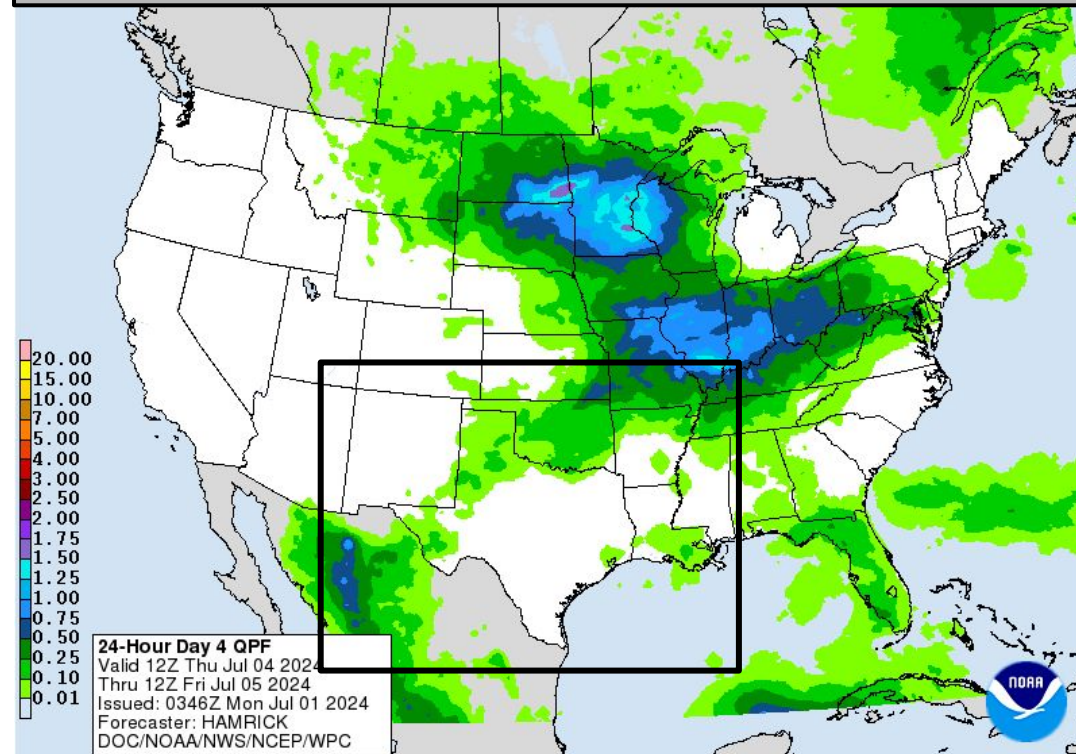


Thursday's Weather

Forecast Chart

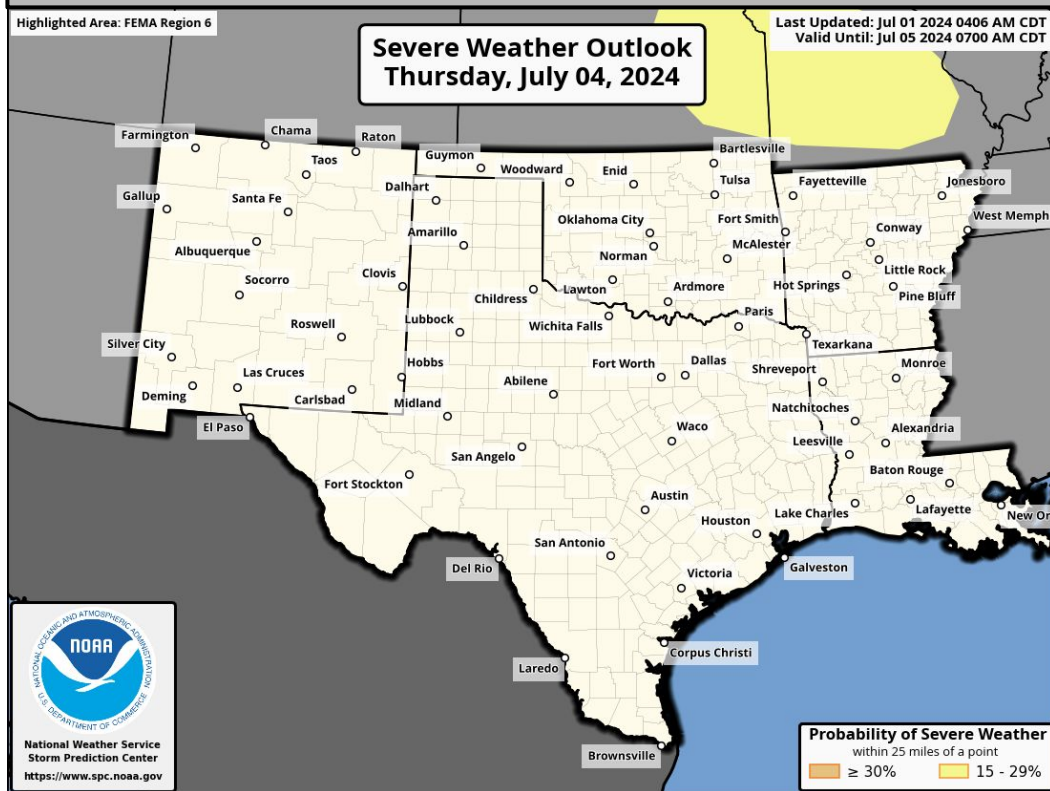


Forecast Rainfall

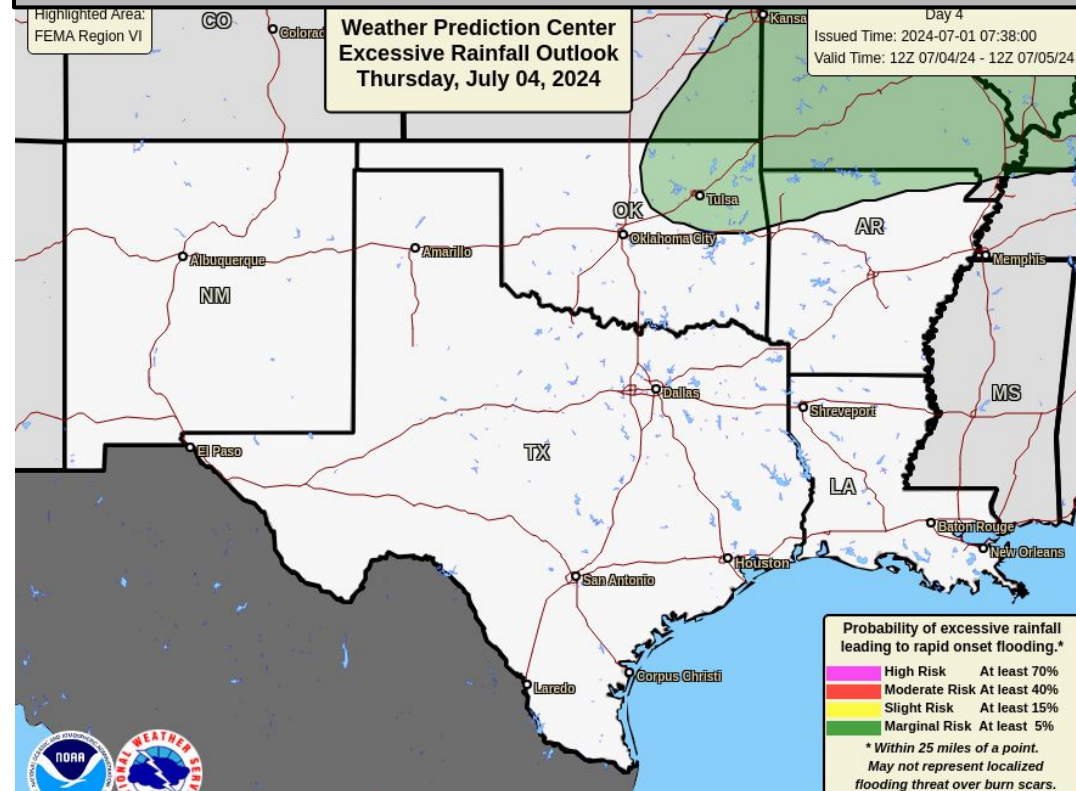


**Marginal risk of excessive rainfall
across NE OK, N AR.**

Severe Weather Outlook



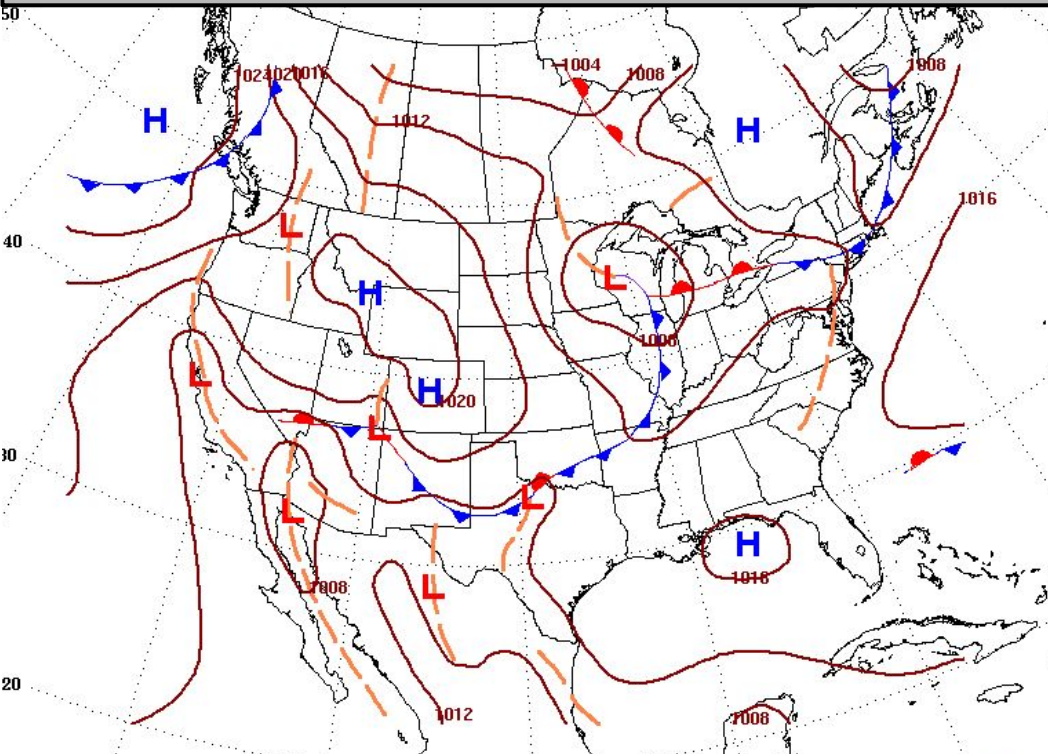
Excessive Rainfall Outlook



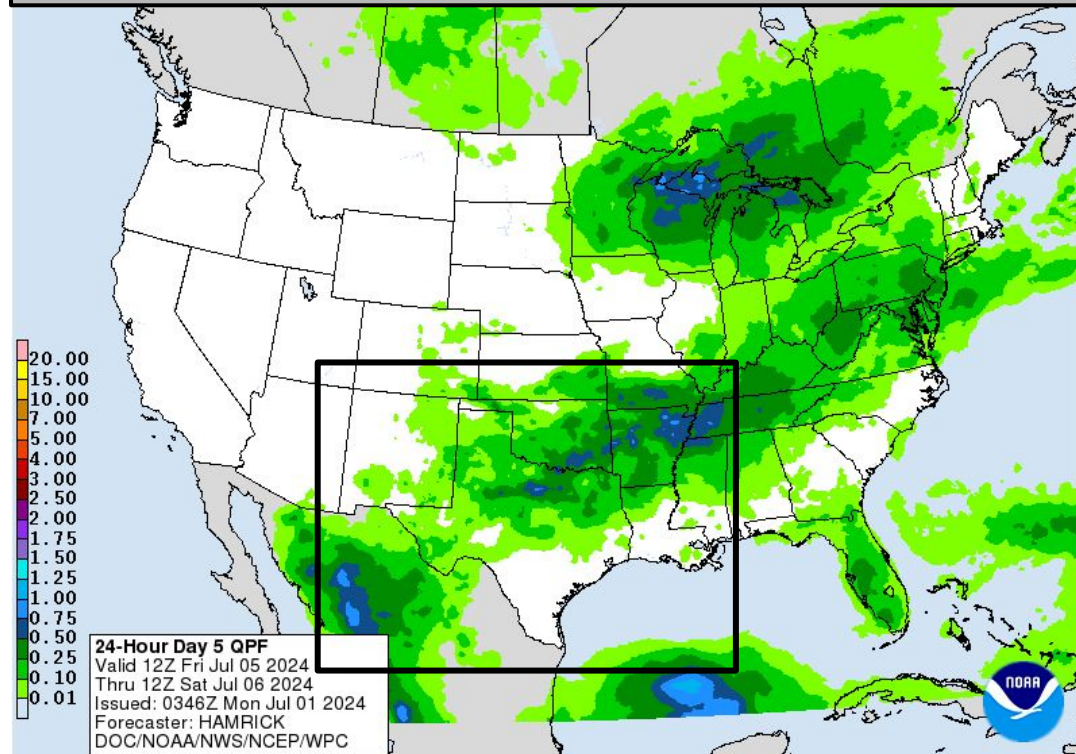


Friday's Weather

Forecast Chart



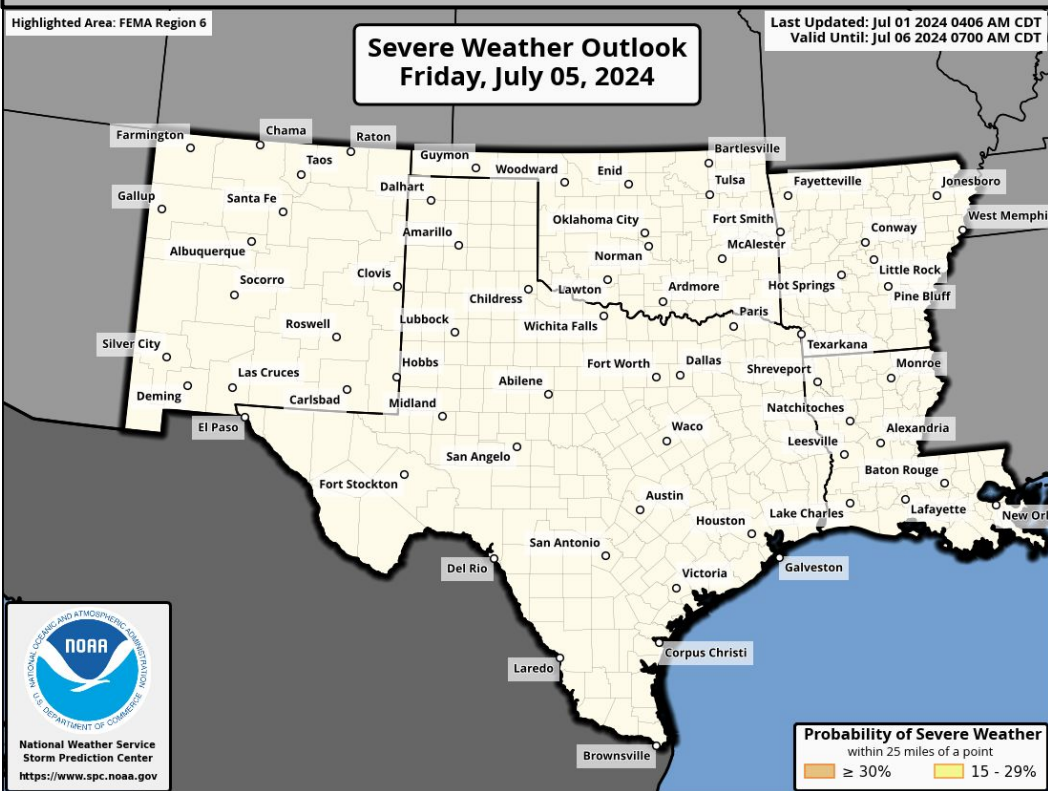
Forecast Rainfall



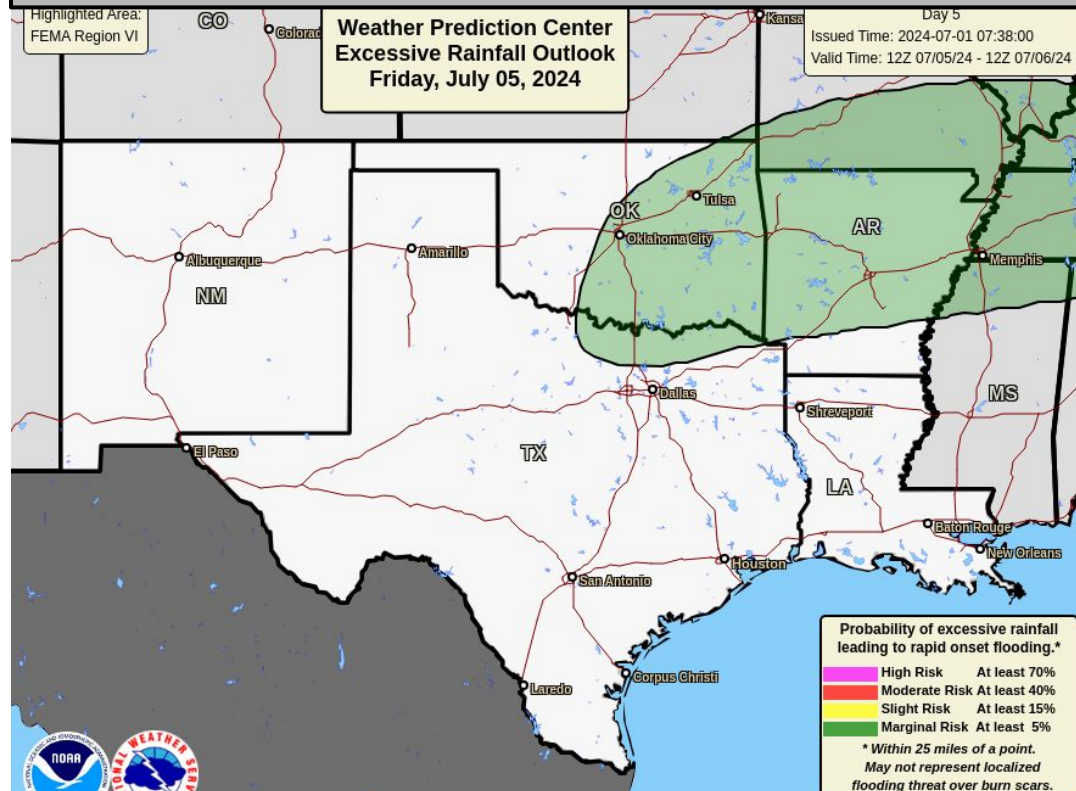
Marginal risk of excessive rainfall across N TX, E OK, AR.

Localized flash flood threat across burn scars in NM.

Severe Weather Outlook



Excessive Rainfall Outlook

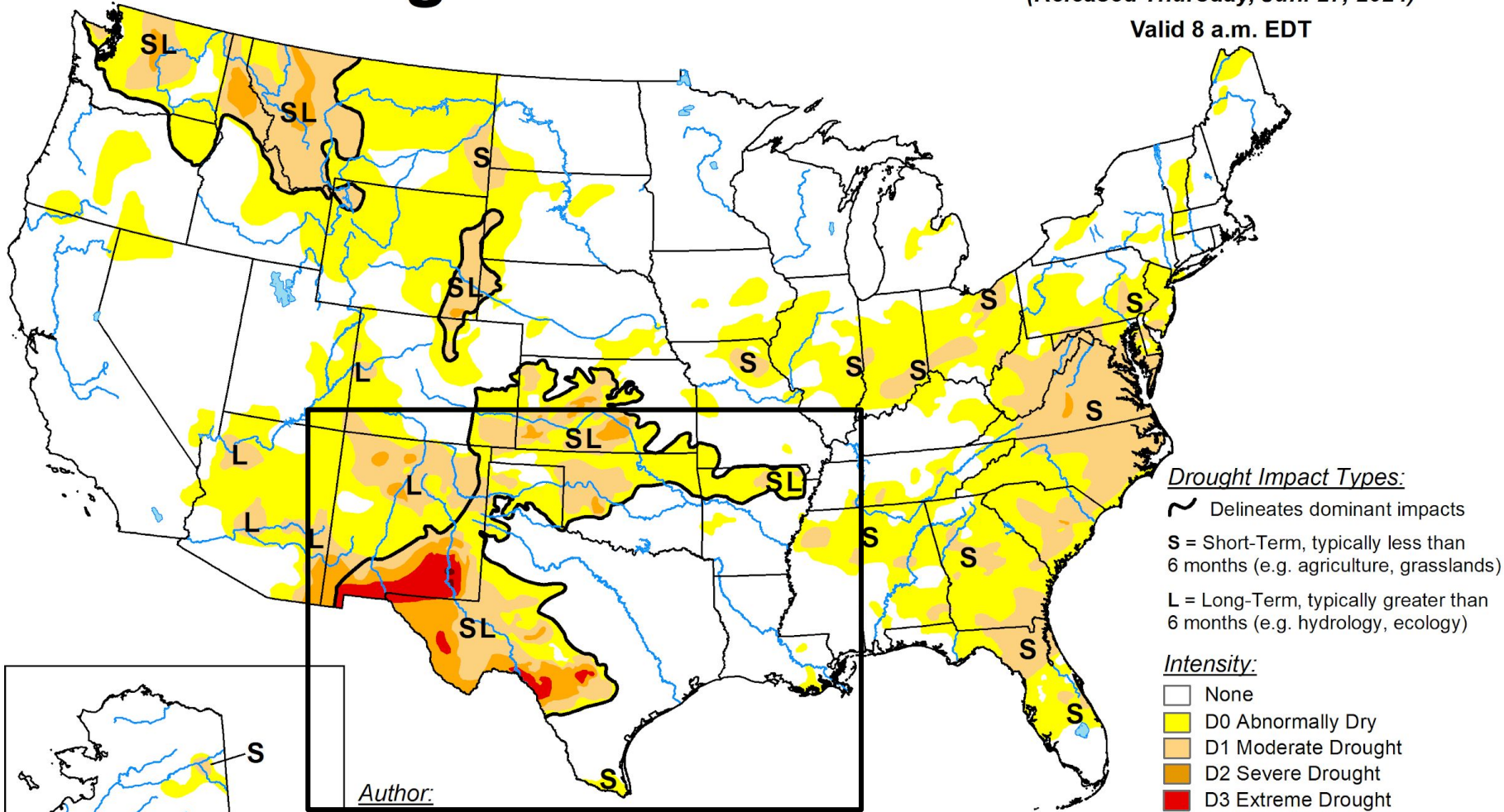




Drought Monitor

U.S. Drought Monitor

June 25, 2024
(Released Thursday, Jun. 27, 2024)
Valid 8 a.m. EDT



Drought Impact Types:
~ Delineates dominant impacts
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

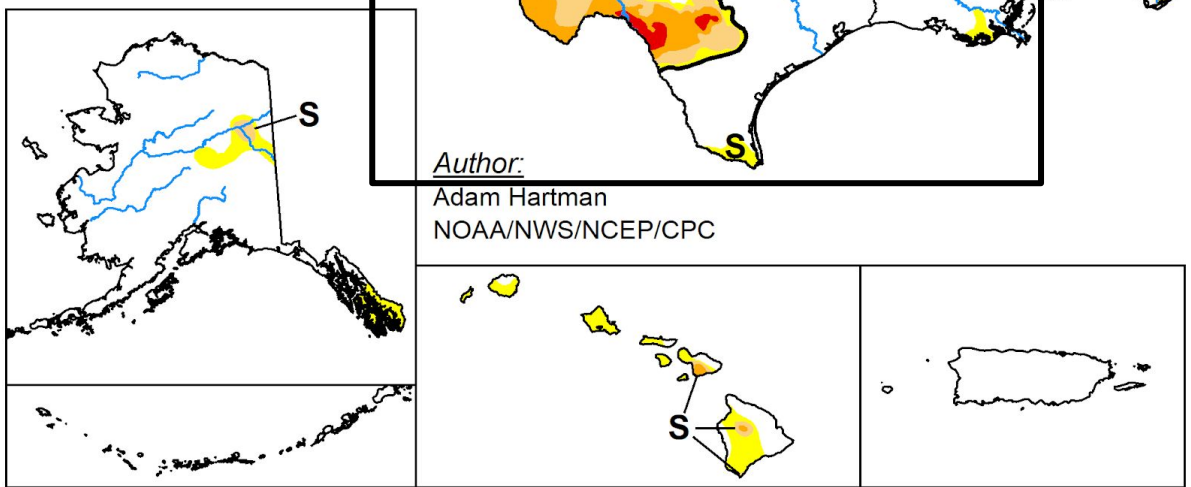
Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

Author:
Adam Hartman
NOAA/NWS/NCEP/CPC

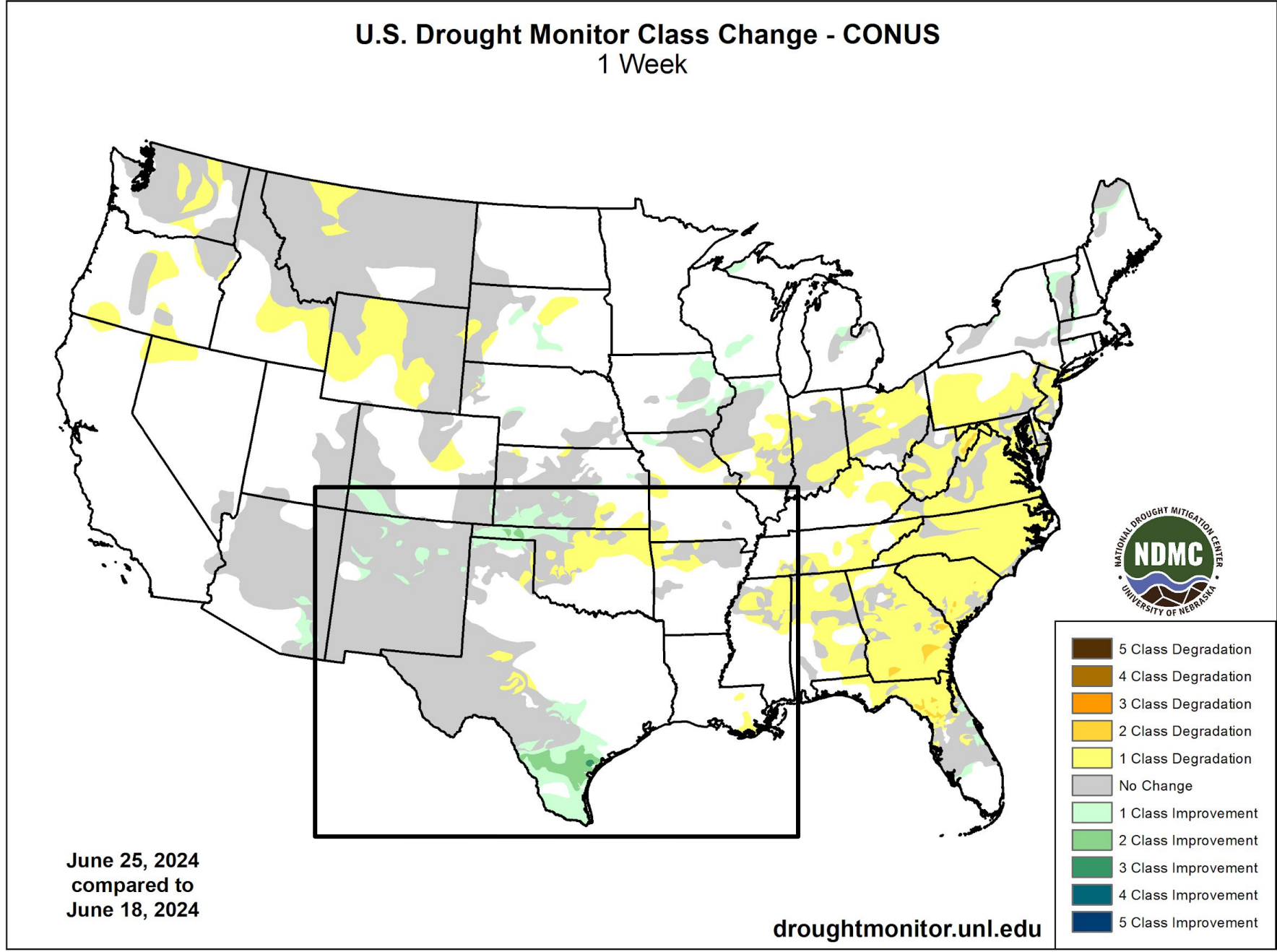
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>



droughtmonitor.unl.edu



U.S. Drought Monitor Class Change - CONUS 1 Week

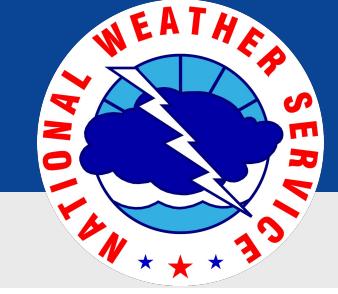


June 25, 2024
compared to
June 18, 2024

droughtmonitor.unl.edu

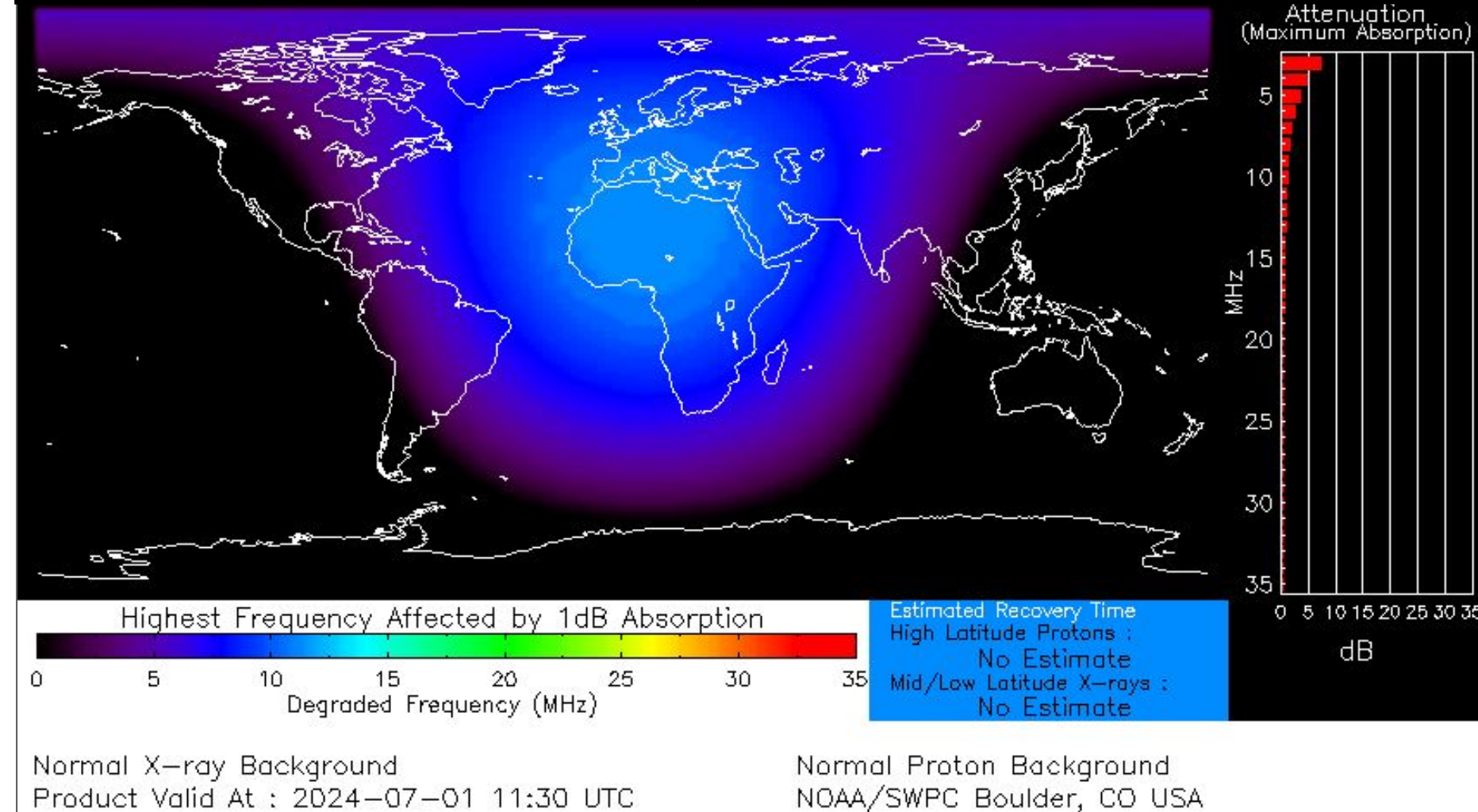


5 Class Degradation
4 Class Degradation
3 Class Degradation
2 Class Degradation
1 Class Degradation
No Change
1 Class Improvement
2 Class Improvement
3 Class Improvement
4 Class Improvement
5 Class Improvement



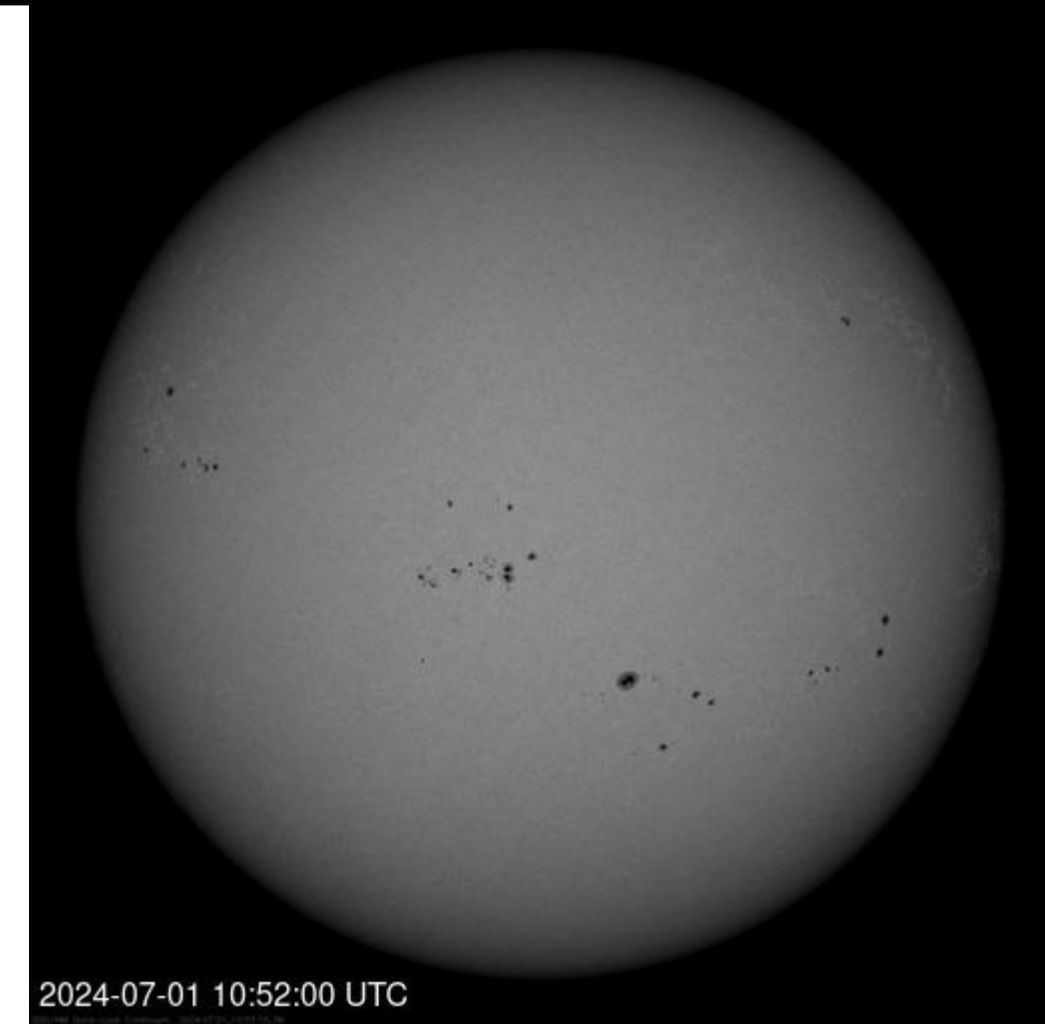
Space Weather 3-Day Forecast

	Monday, Jul 1	Tuesday, Jul 2	Wednesday, Jul 3
Geomagnetic Storms	Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	30%	30%	30%
Radio Blackout (R3-R5)	5%	5%	5%



[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;">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>	<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</p>	<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>	<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</p>	<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>	<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</p>	<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>	<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</p>	<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>	<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</p>	<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



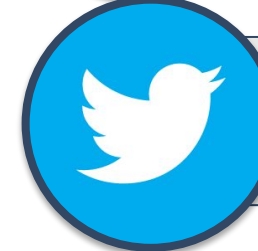
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Web: www.weather.gov/srh

