



FEMA



Prepared by
Mark Wiley

FEMA Region 6 Weather Threat Briefing

Monday, June 17, 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

- **Marginal risk of severe storms in E NM, TX/OK Panhandles into SW TX today.**
- **Heavy rainfall potential in S/SE TX and S LA through Wednesday, spreading to SW TX Thursday.**
- **Elevated to critical fire weather conditions in W NM today into Tuesday.**
- **Moderate with isolated Major river flooding in E TX.**
- **High chance (70%) for tropical development in the Bay of Campeche in the next 7 days and a medium chance (60%) in the next 48 hrs. Heavy rain, coastal flooding, rip currents & high seas across the Gulf Coast from S TX into LA.**





FEMA Region 6 Threat Matrix

Next 5 Days

	Monday, Jun 17	Tuesday, Jun 18	Wednesday, Jun 19	Thursday, Jun 20	Friday, Jun 21
Severe Storms	E NM, TX/OK Panhandles-SW TX				
Heavy Rain / Flash Flooding	S LA, SETX	SETX, SW LA	S/SETX	SW TX	
Fire Weather	NM	NM			
Wind					
Heat					
Tropical	Gulf Coast	Gulf Coast	Gulf Coast		
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
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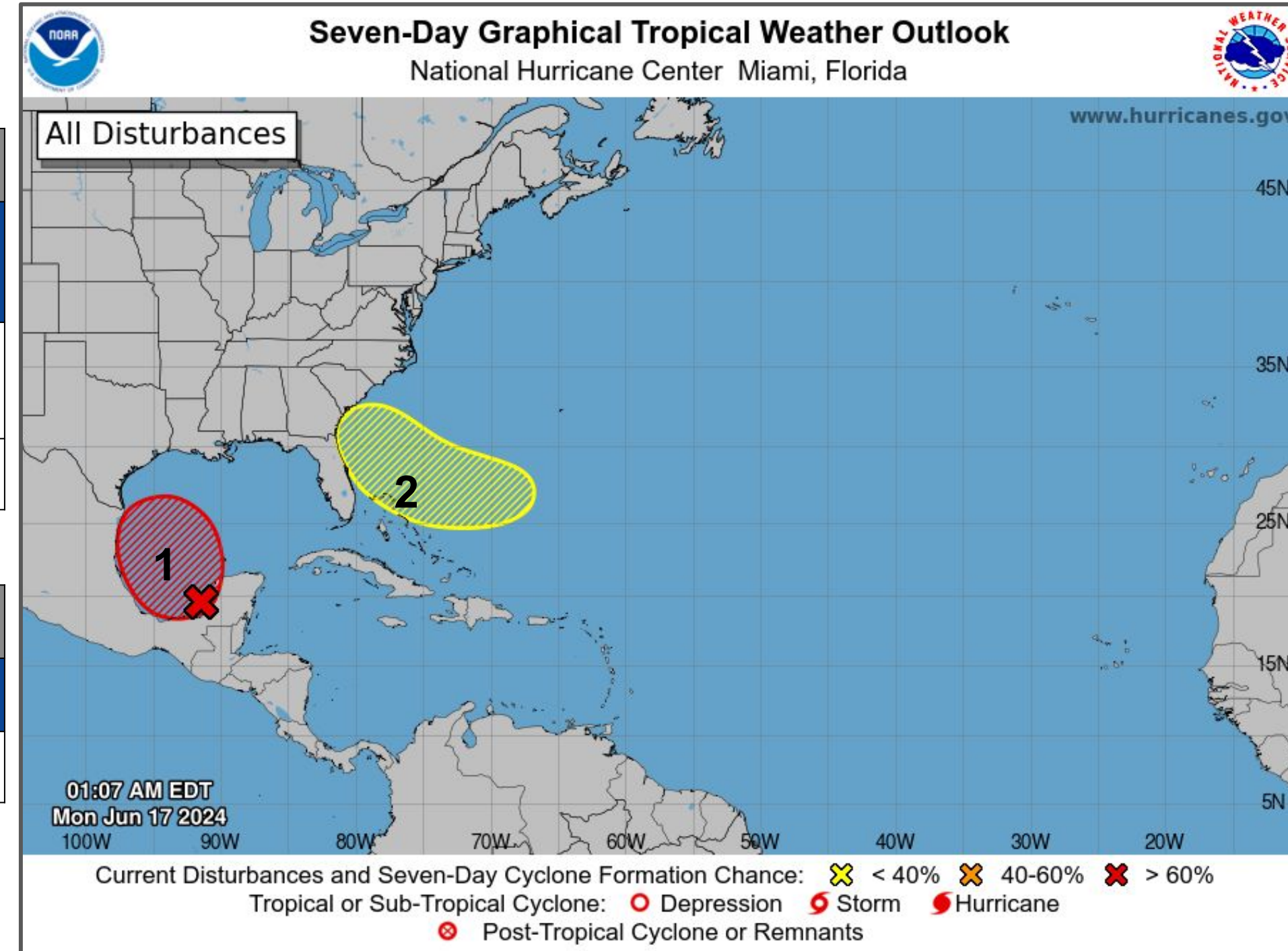
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

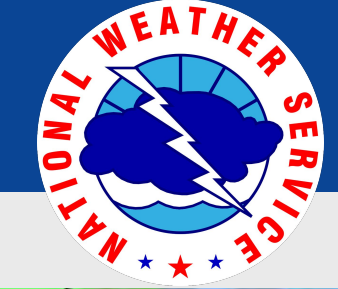
Area	Chance of Development	Potential Impacts to FEMA 6
1	High	Heavy rain S/SE TX, LA; high seas; coastal flooding
2	Low	None

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	-

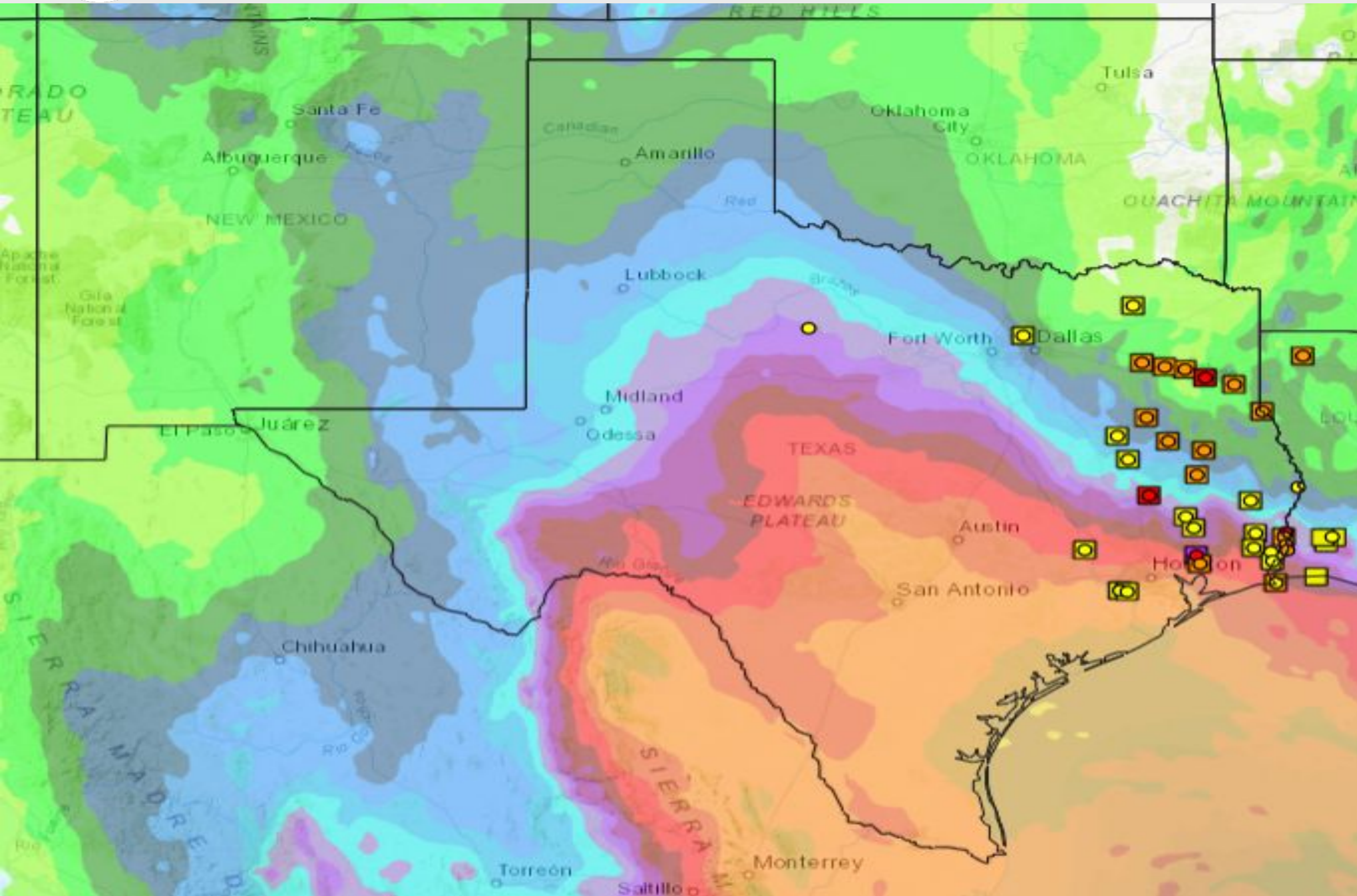


See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



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

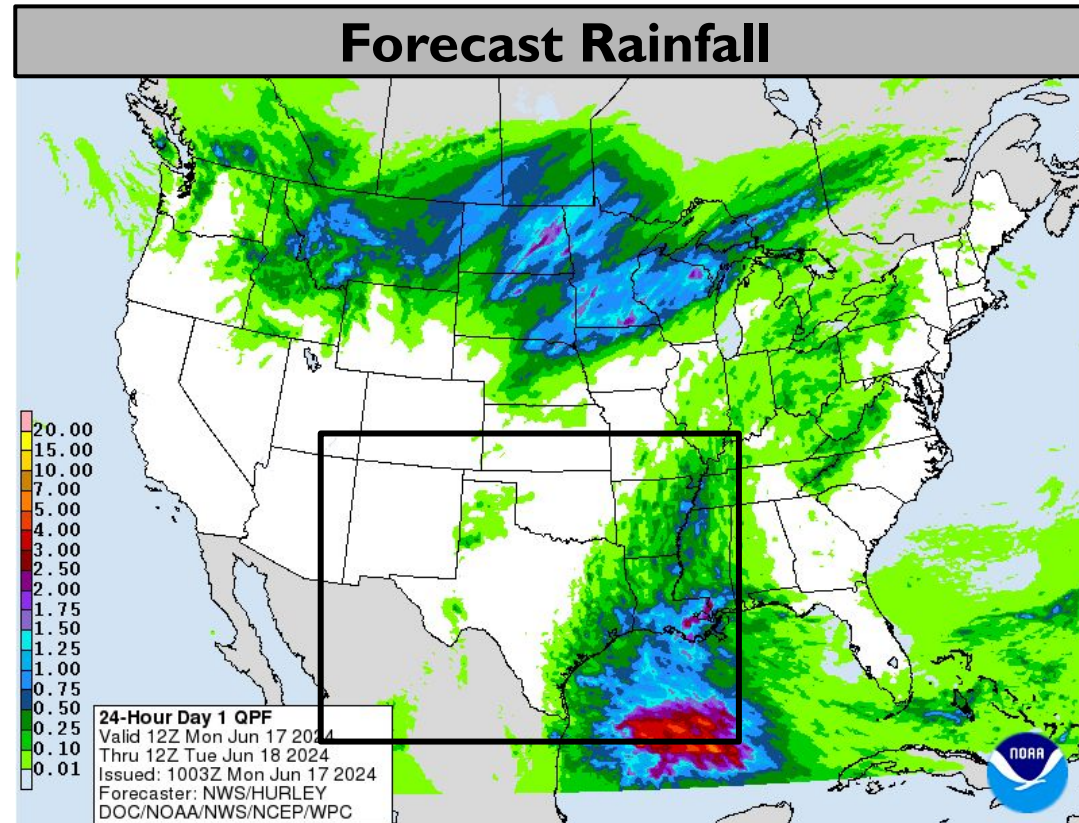
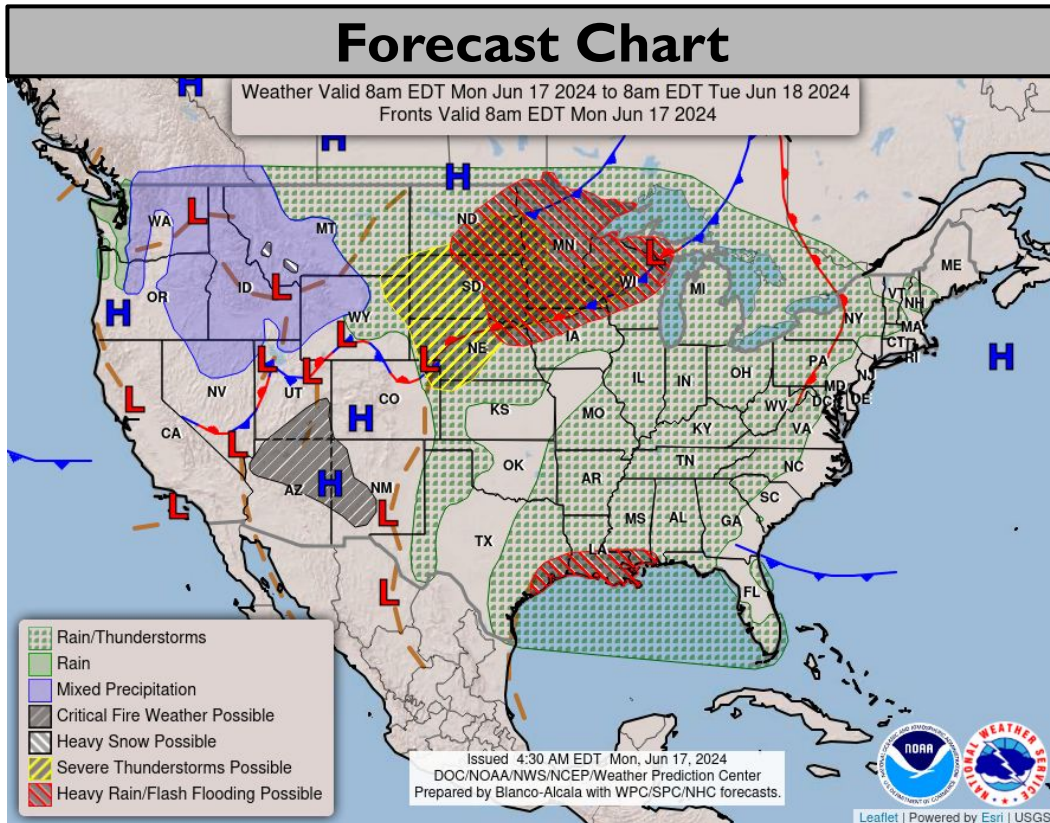


Moderate/Isolated Major river flooding in E TX impacts to some homes at Trinity River at Riverside. Trinity River at Liberty anticipated to rise to Major by mid-week and impact homes.





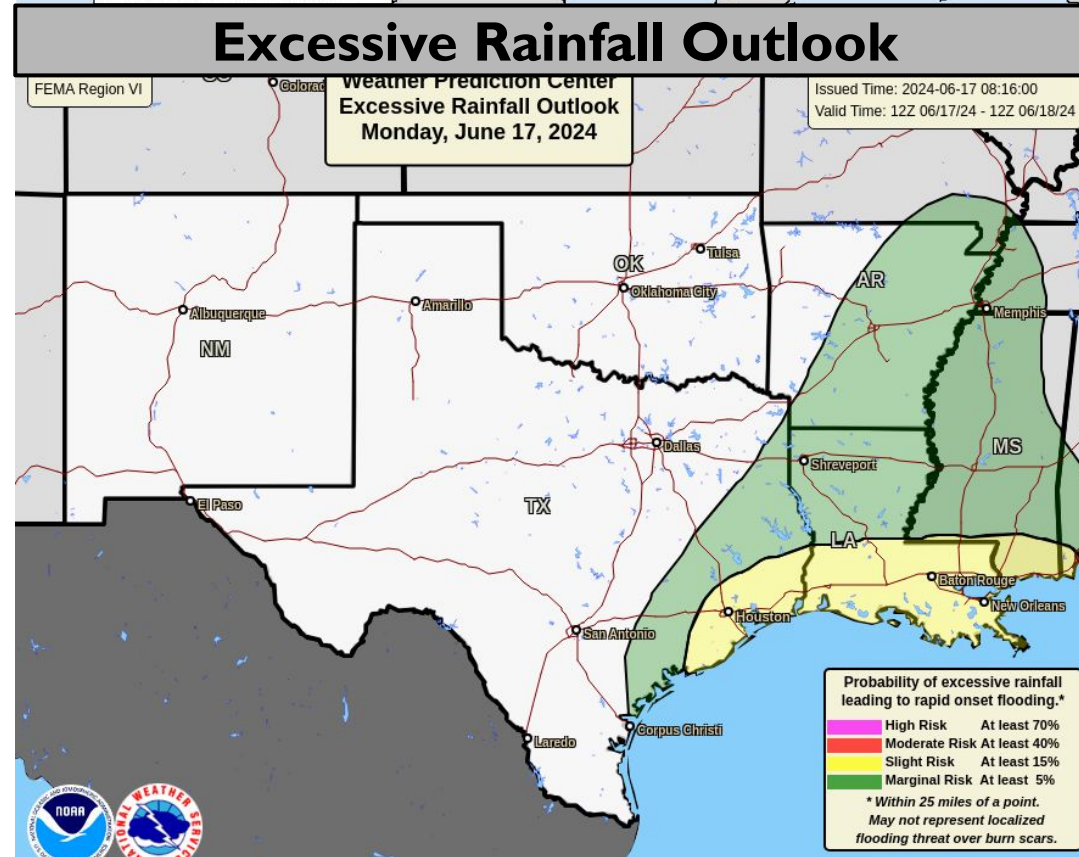
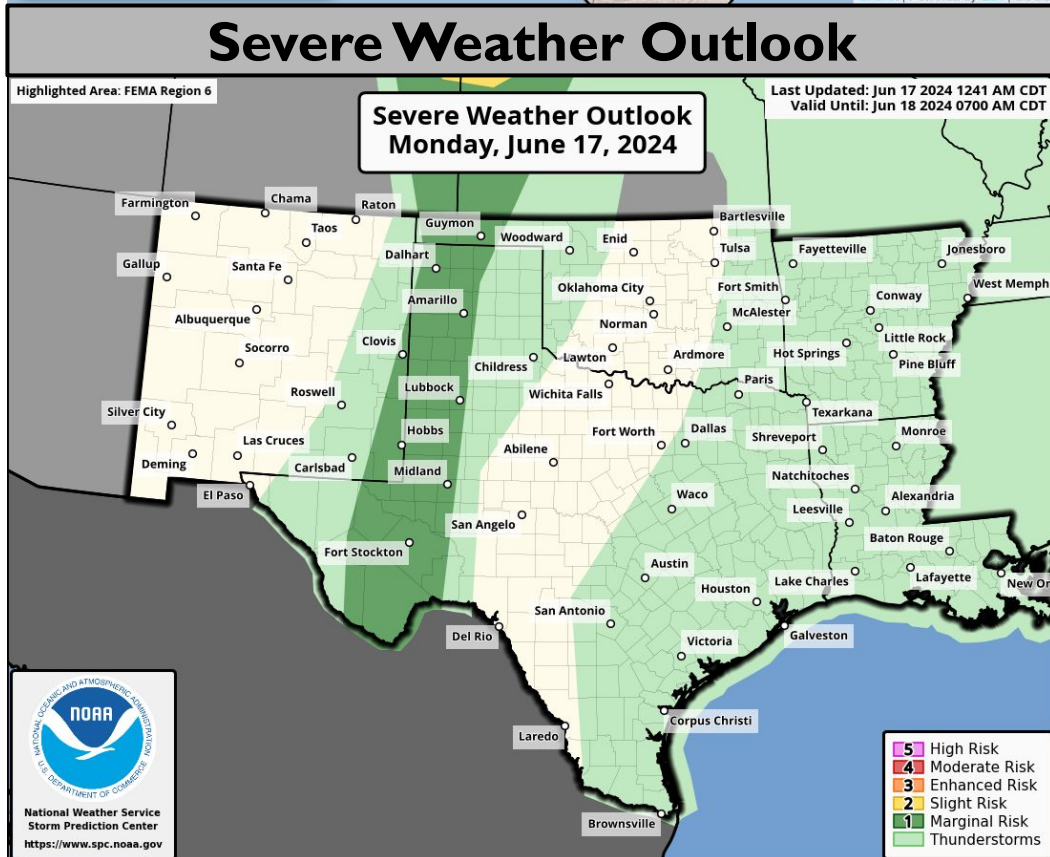
Today's Weather

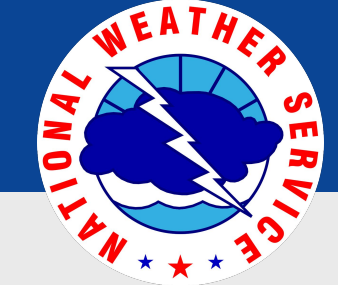


Slight risk for heavy rainfall/flash flooding across SETX, S LA.

Elevated to critical fire weather conditions across NM.

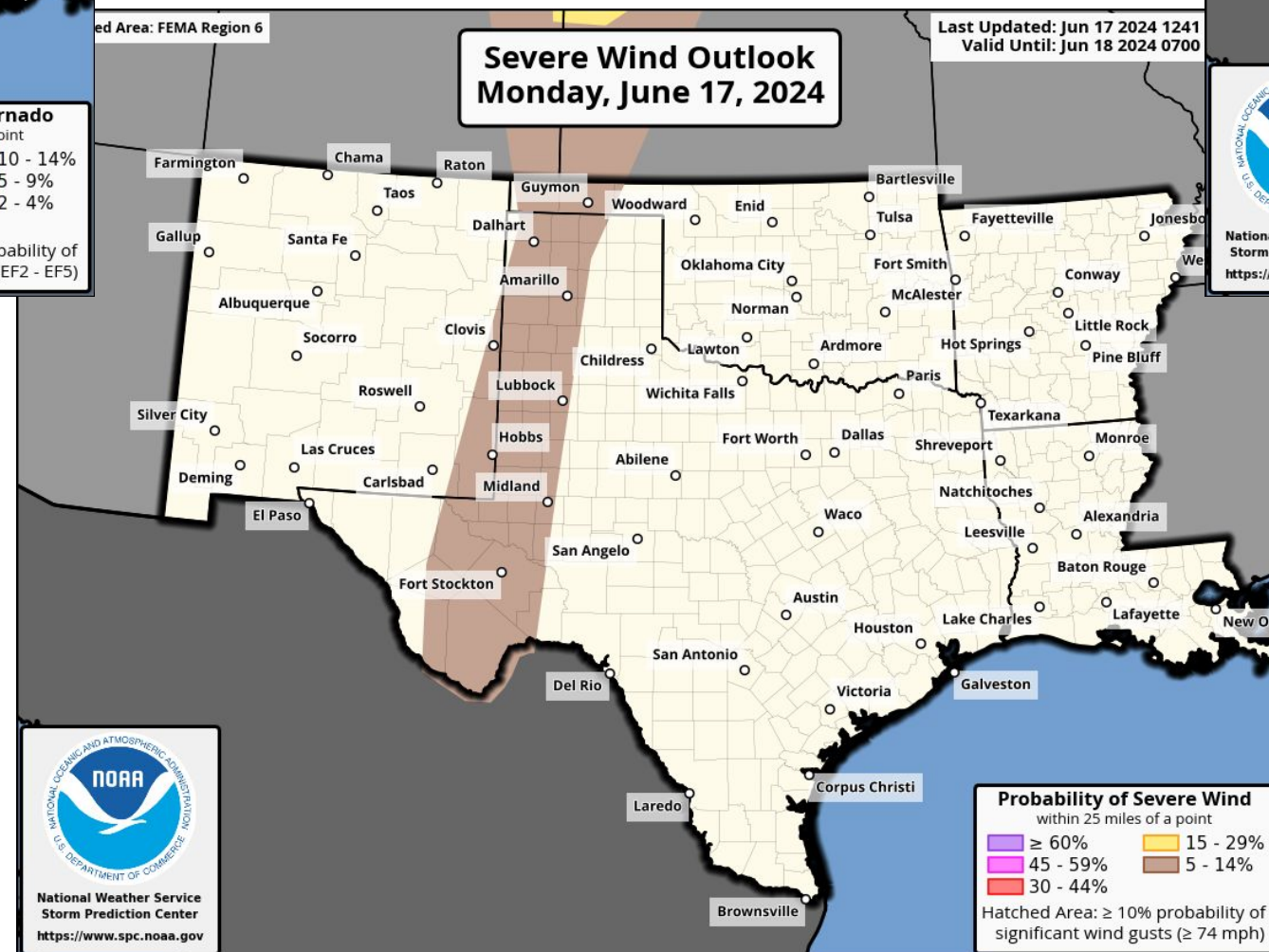
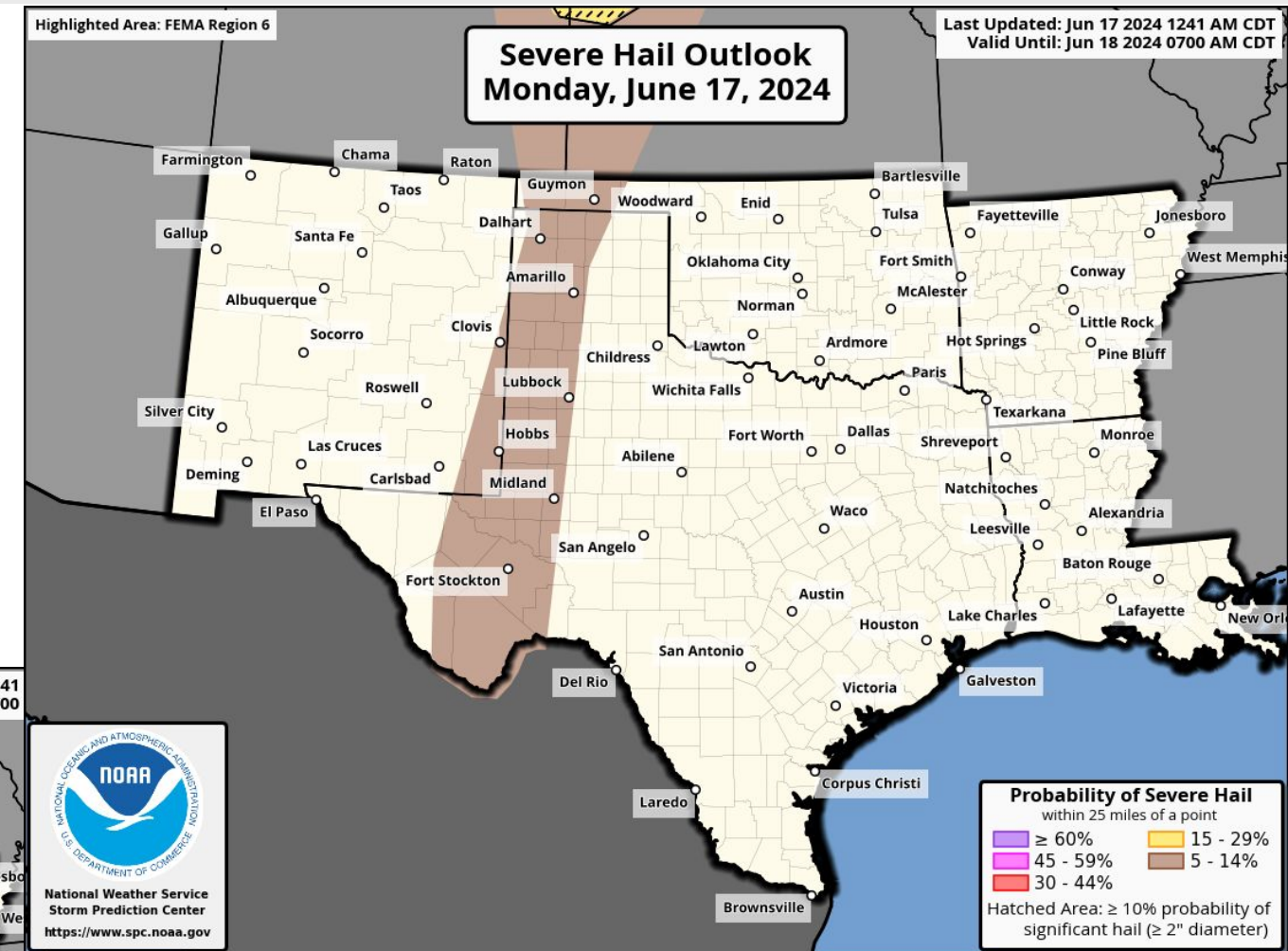
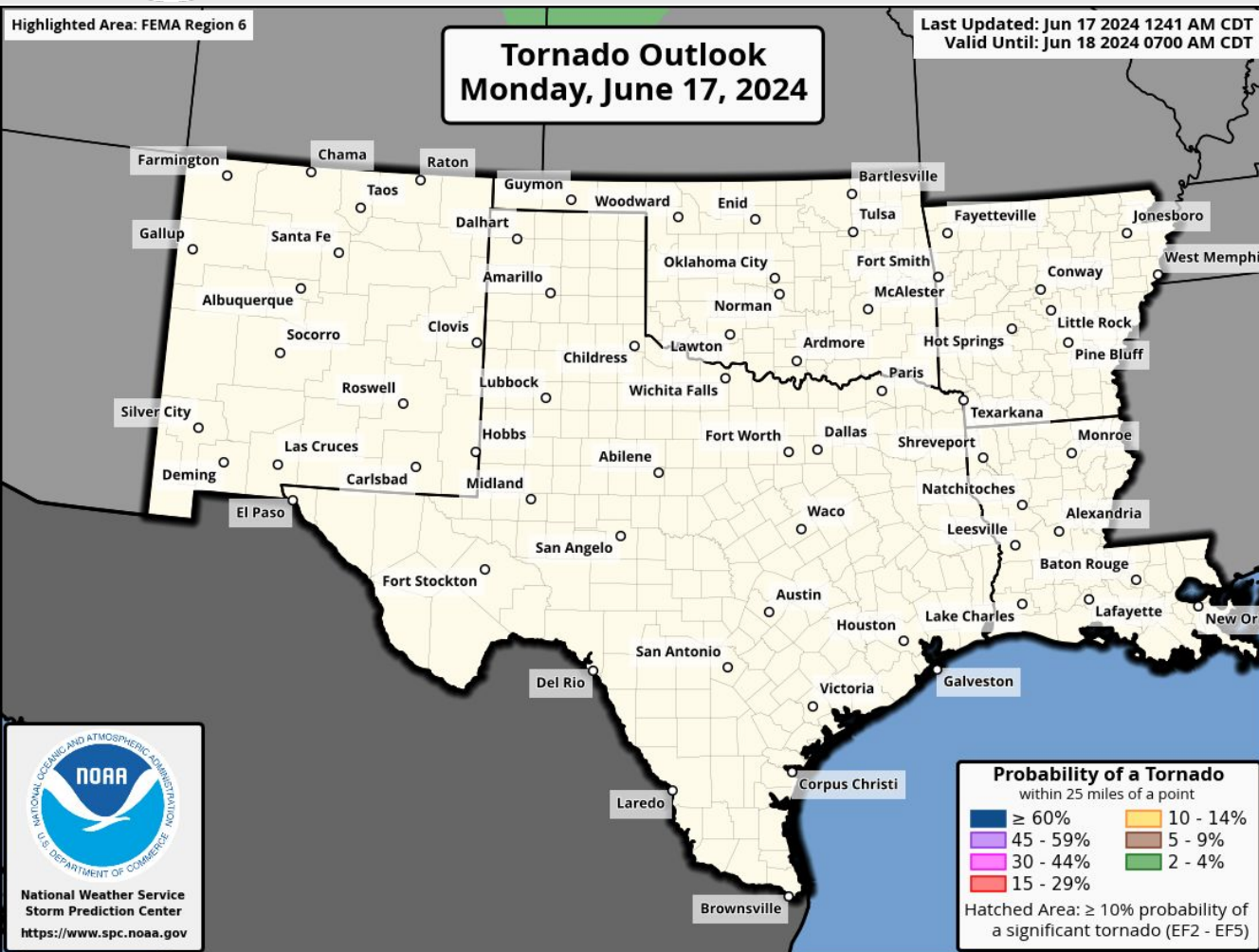
Marginal risk for severe storms in E NM, TX/OK Panhandles into SW TX





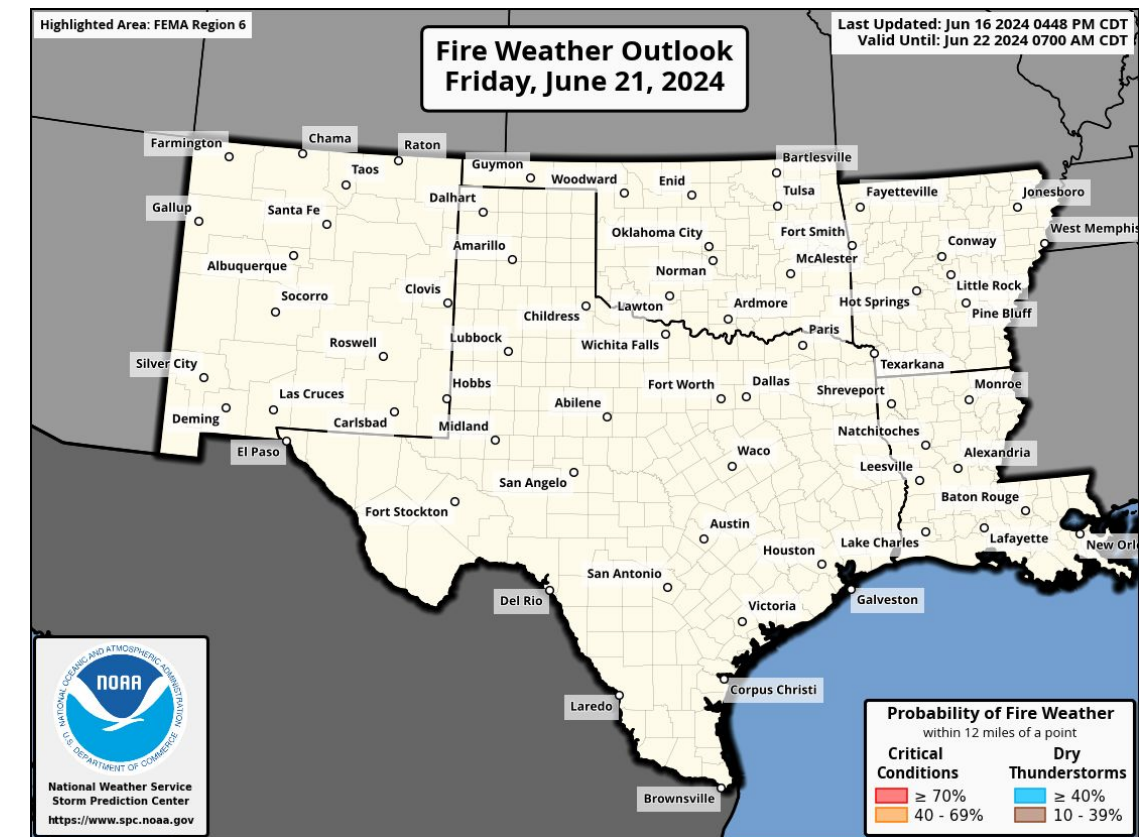
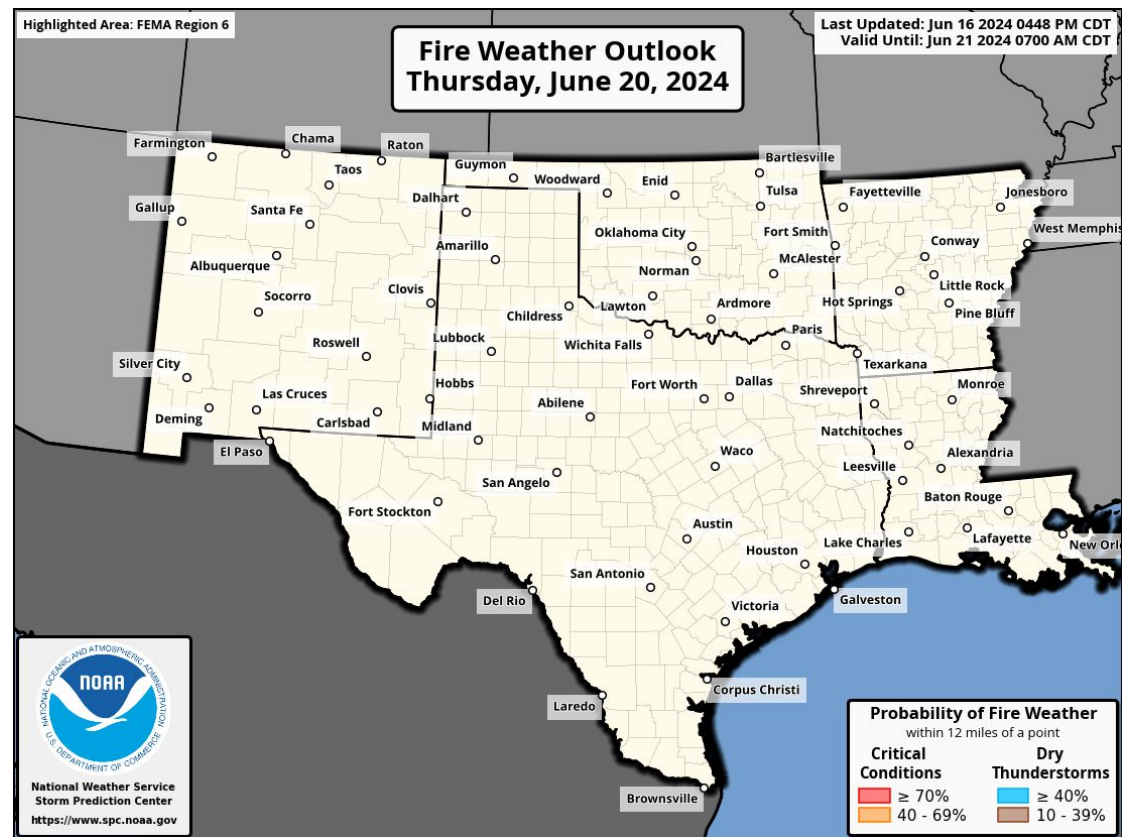
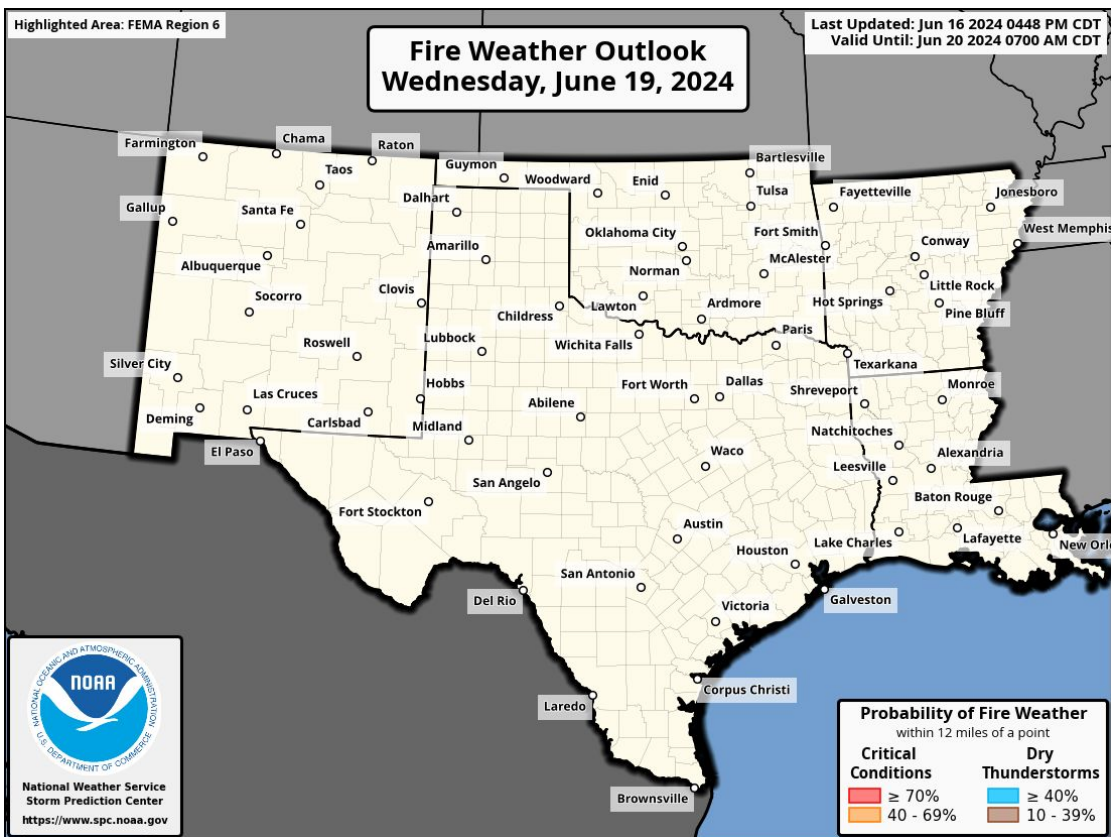
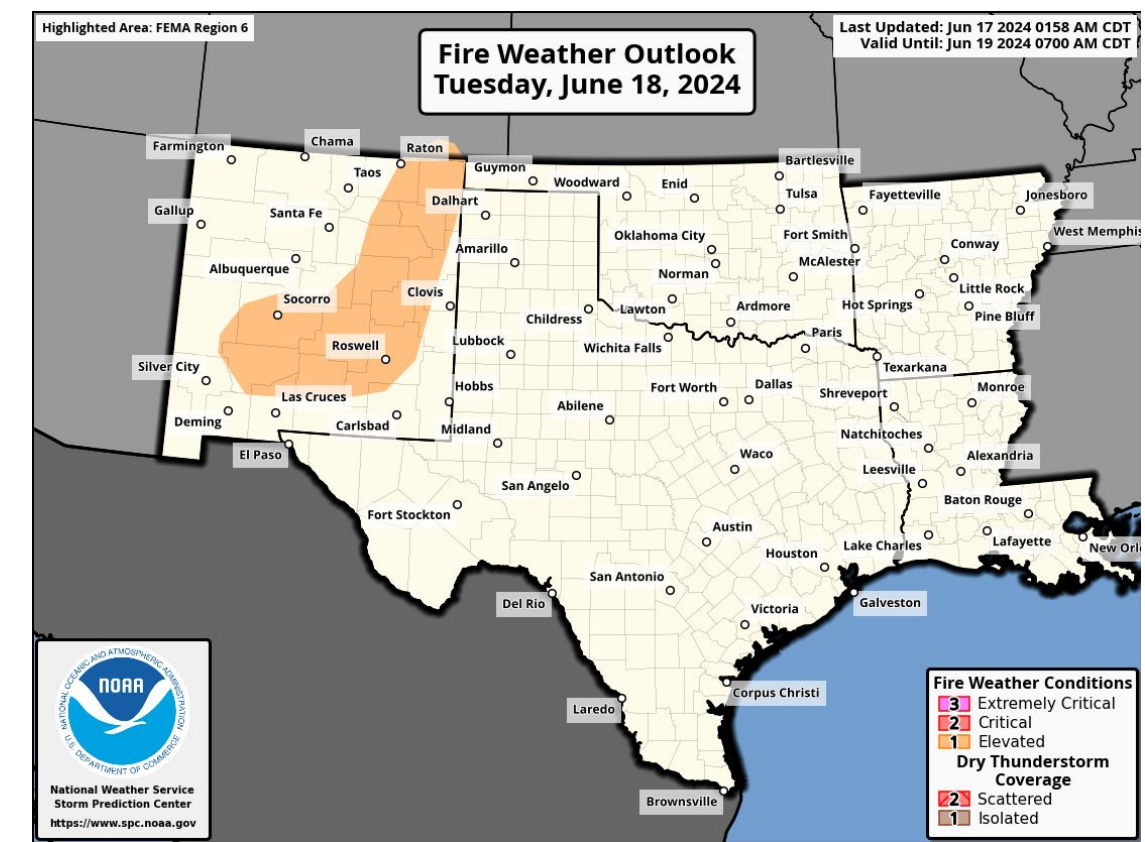
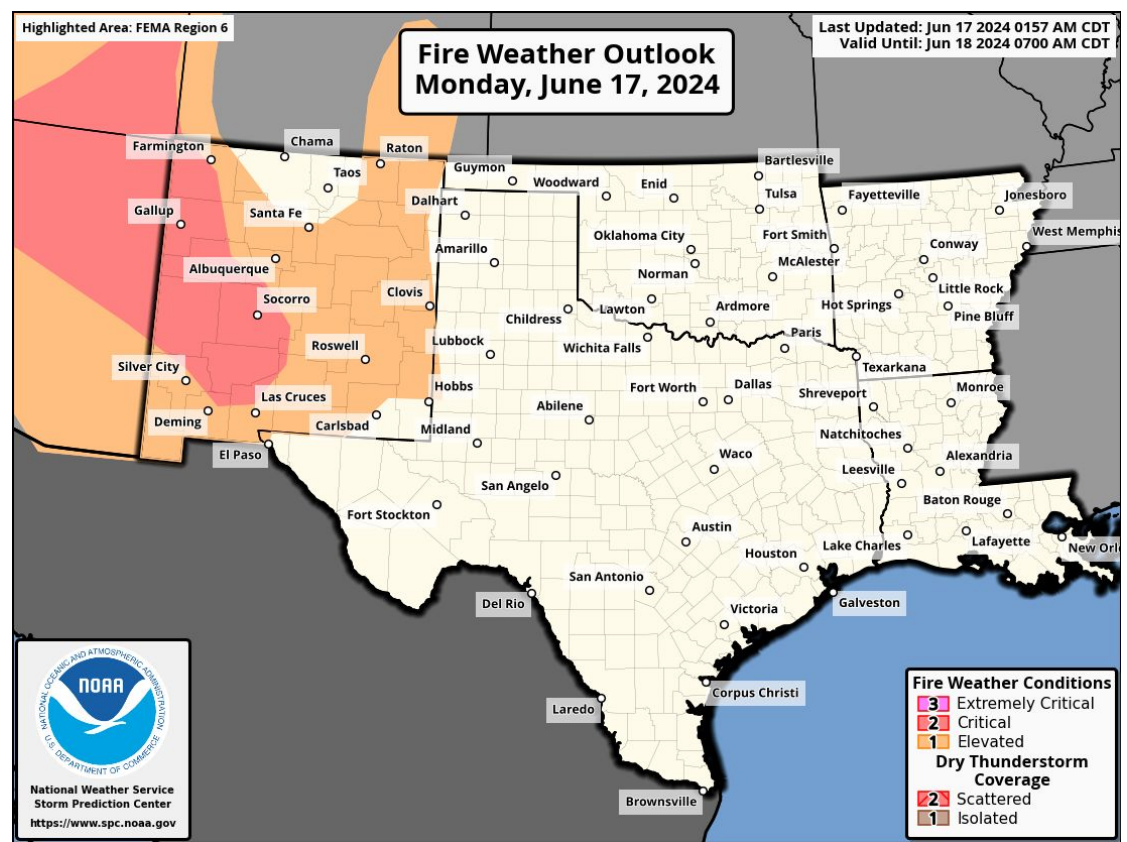
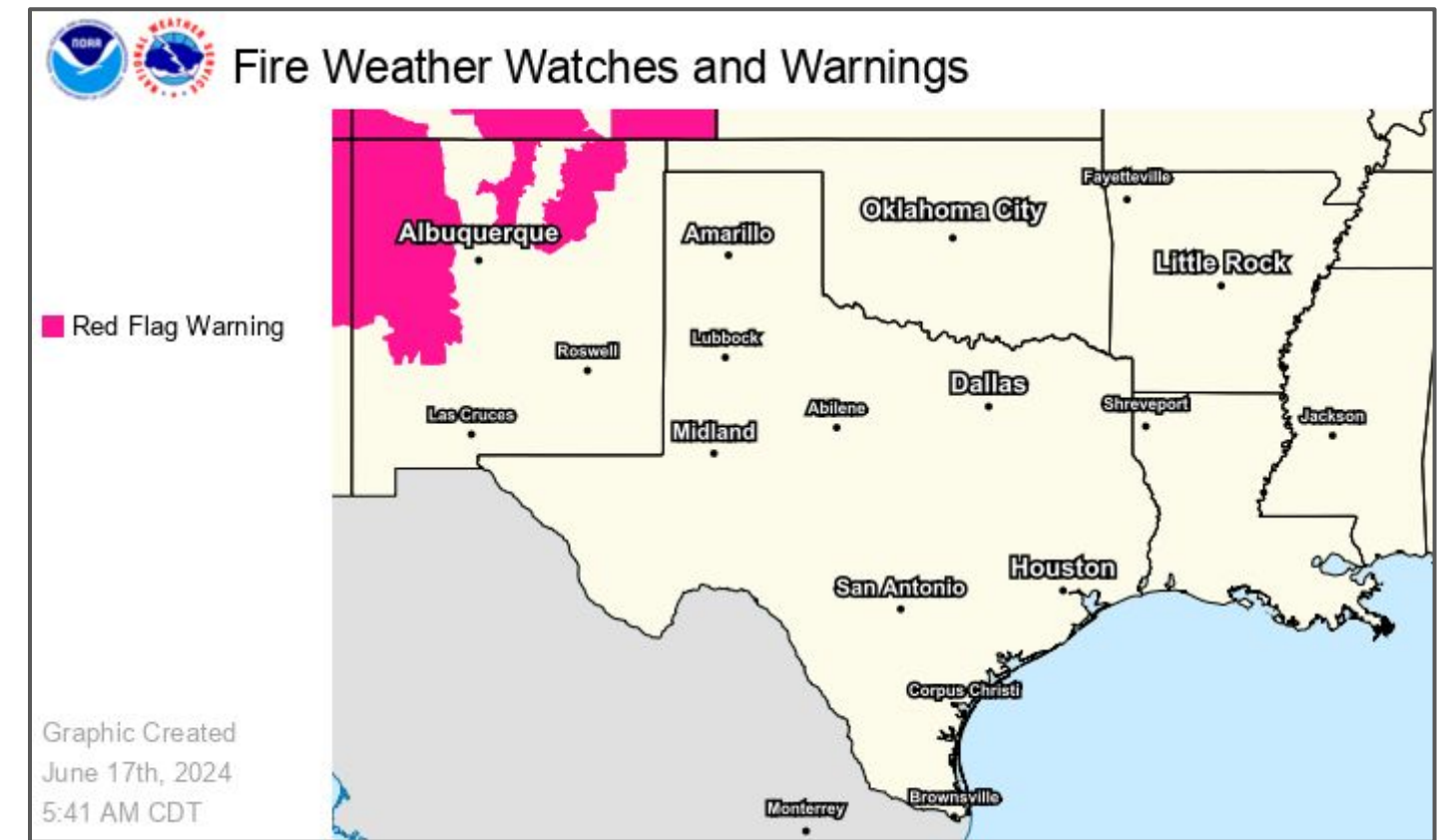
Today's Tornado & Severe Wind / Hail Probabilities

June 17, 2024





Fire Weather Outlooks

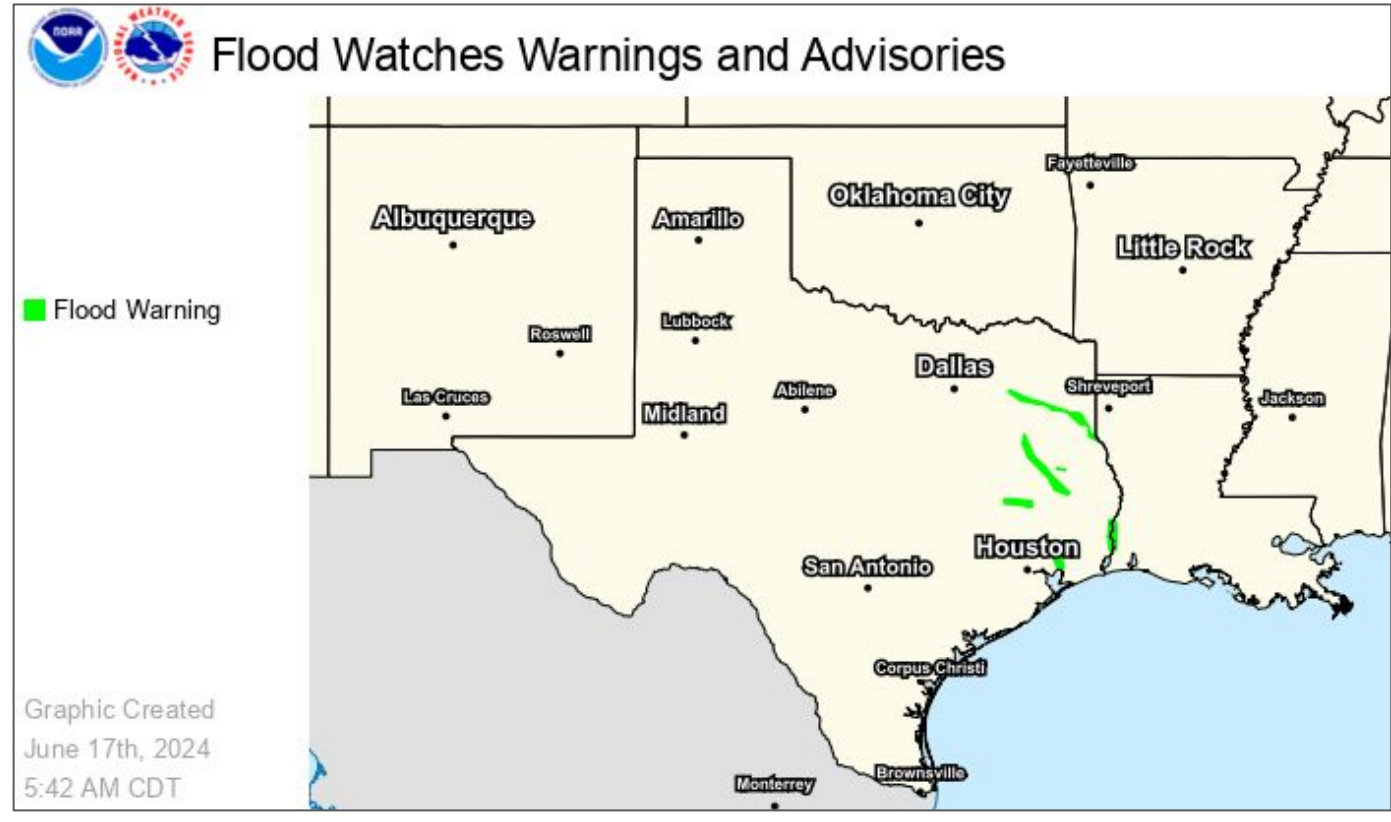
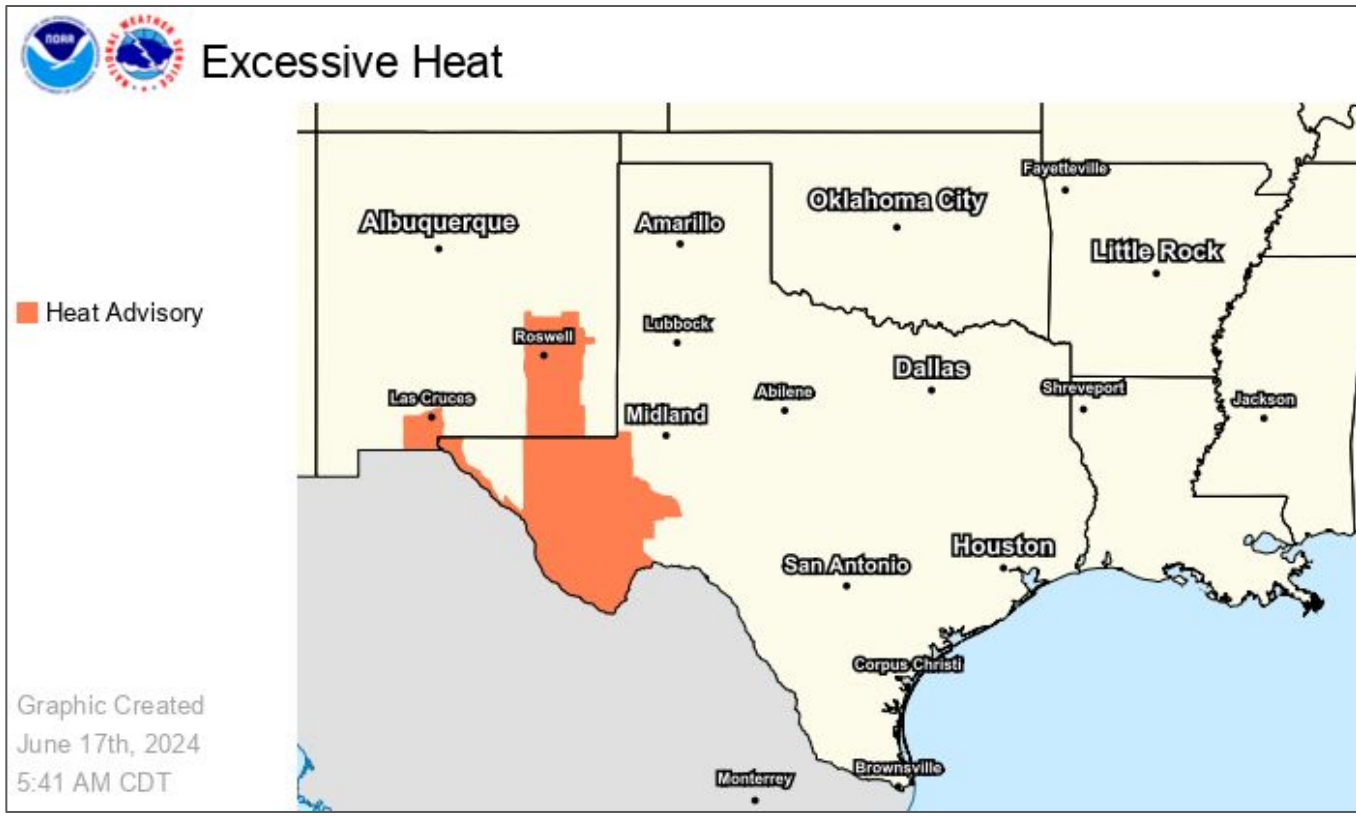
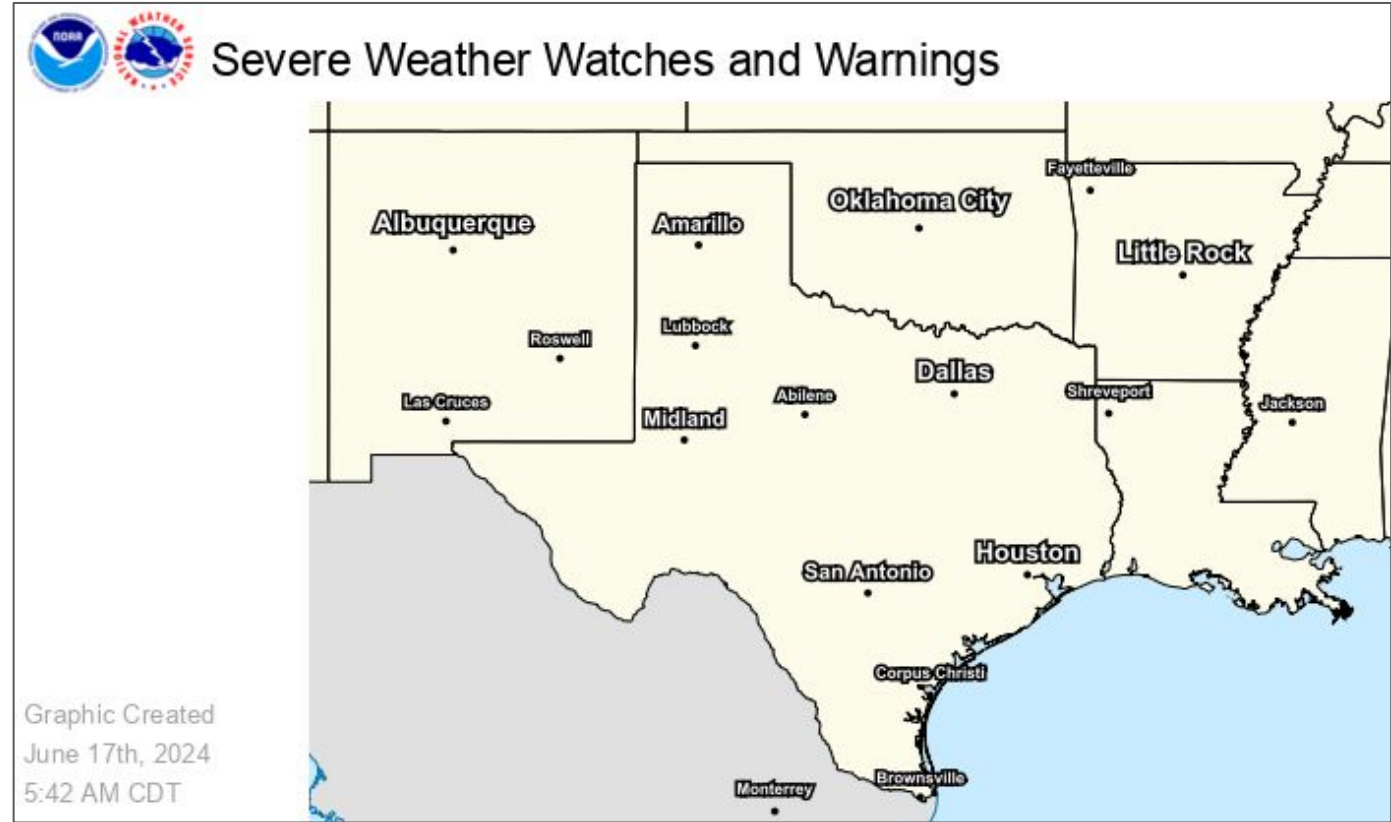




Watches, Warnings, and Advisories

Wind, Severe, Heat, and Flood Hazards

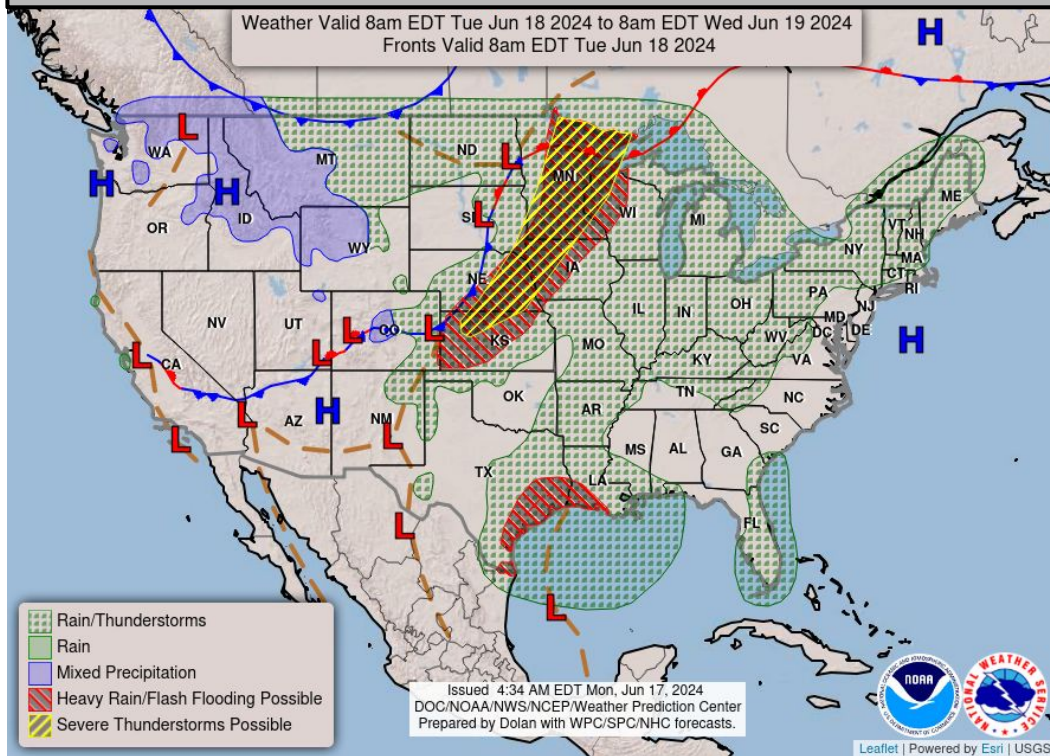
Heat Advisories in S NM and W TX.



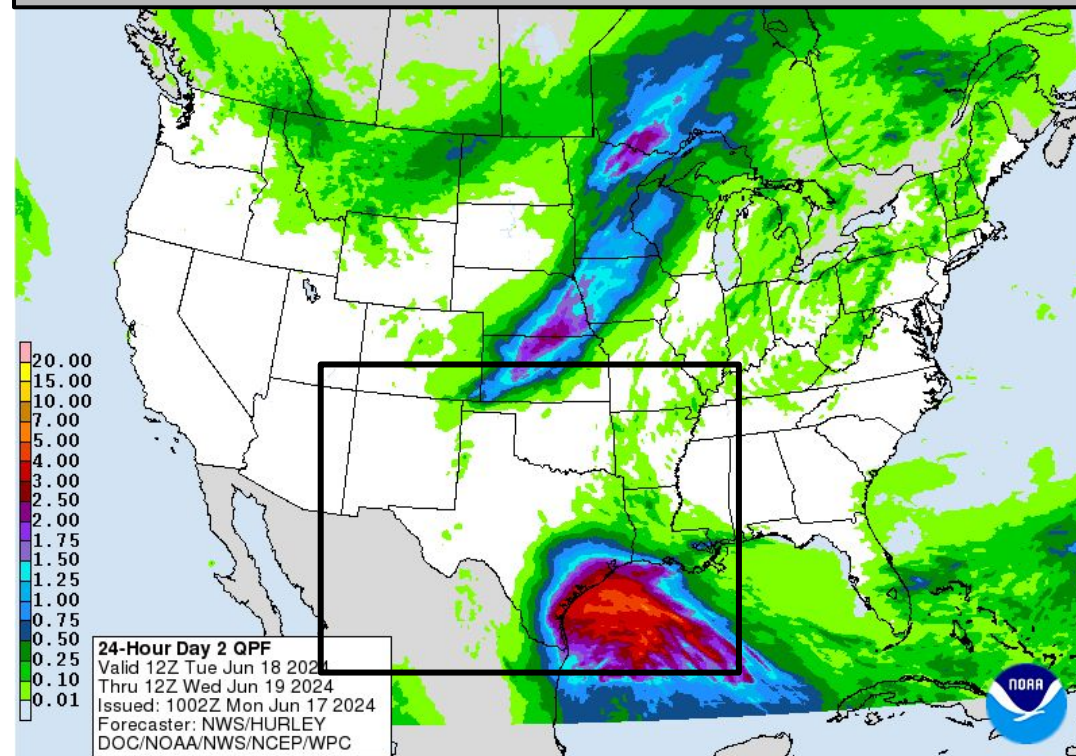


Tomorrow's Weather

Forecast Chart



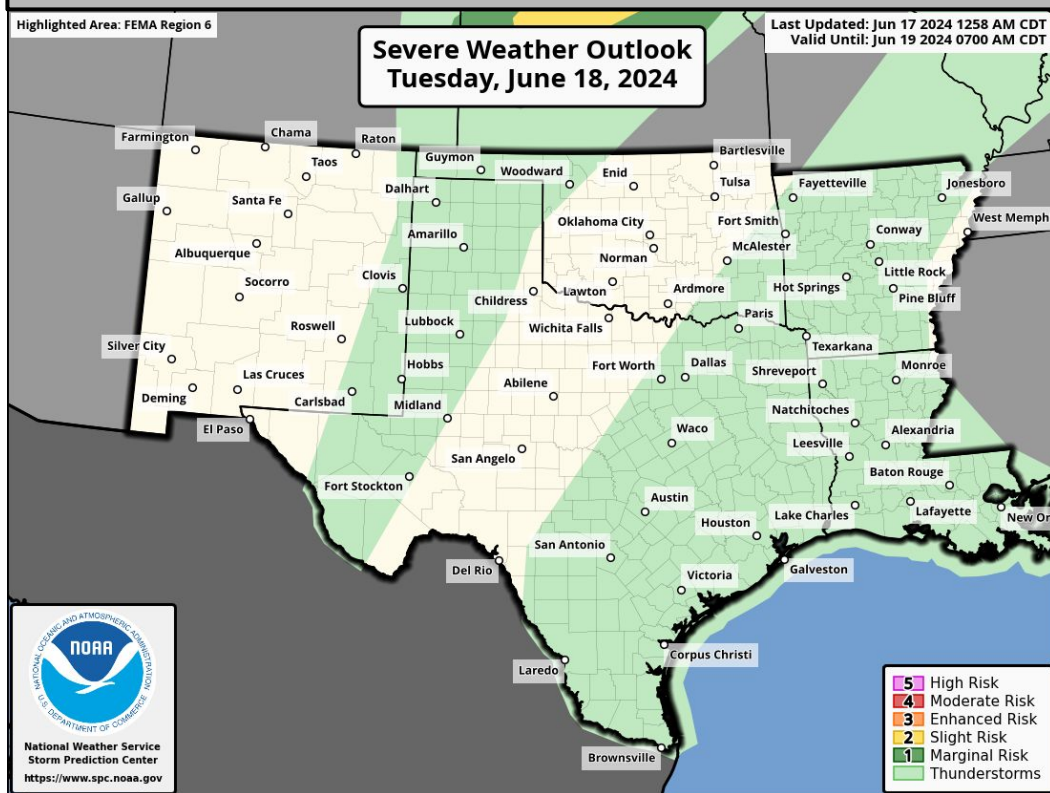
Forecast Rainfall



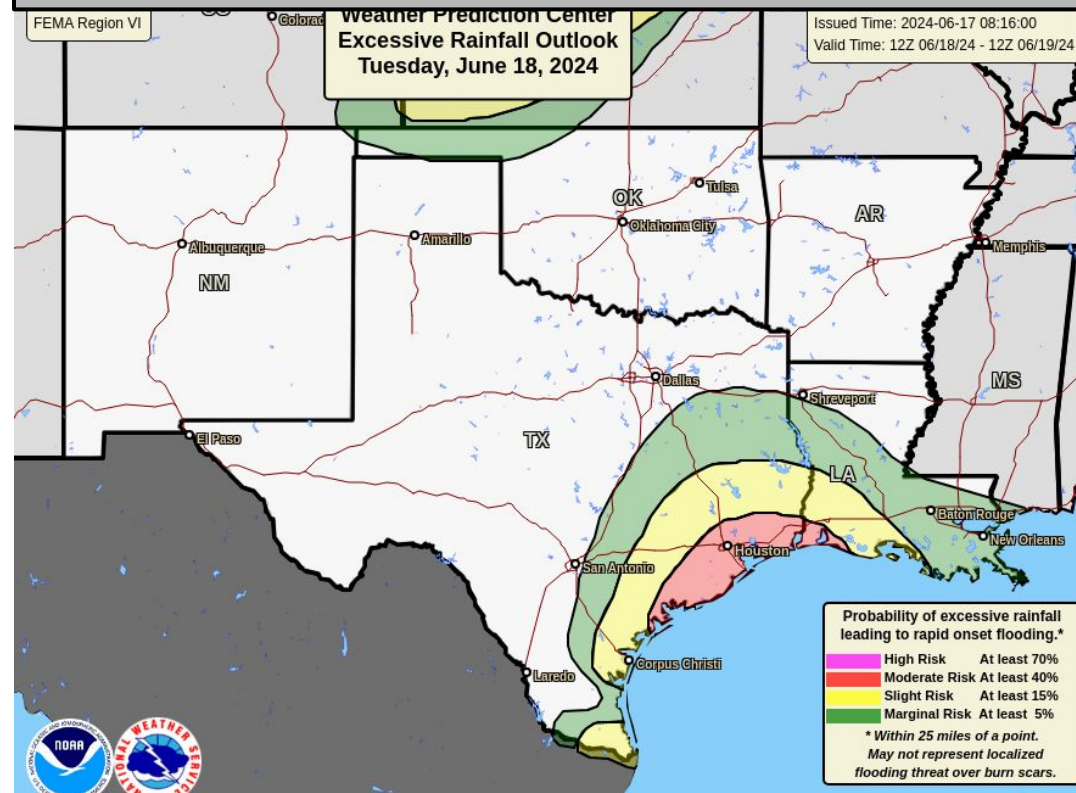
Moderate risk for heavy rainfall/flash flooding in SETX, SW LA.

Elevated fire weather conditions in NM.

Severe Weather Outlook

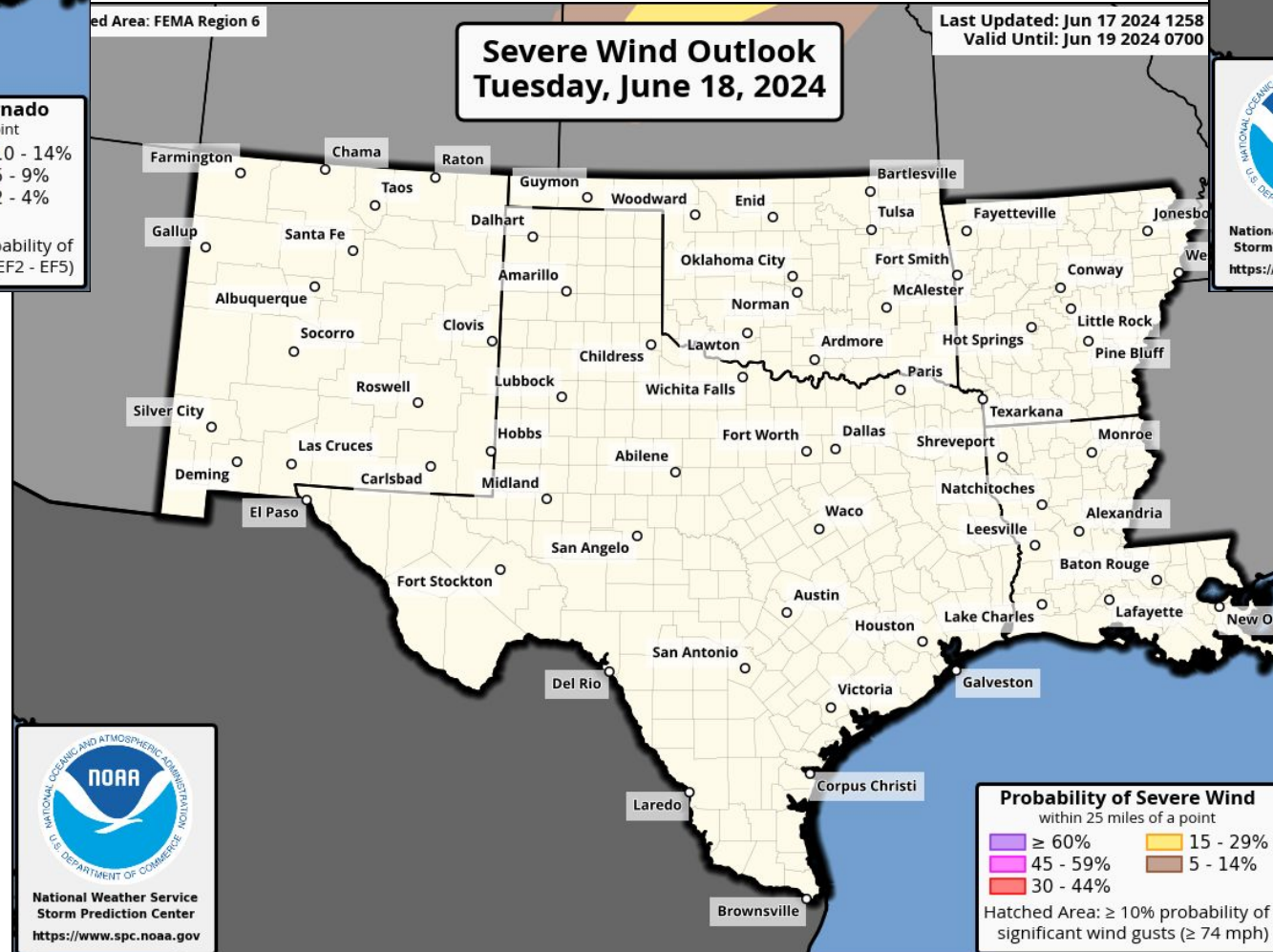
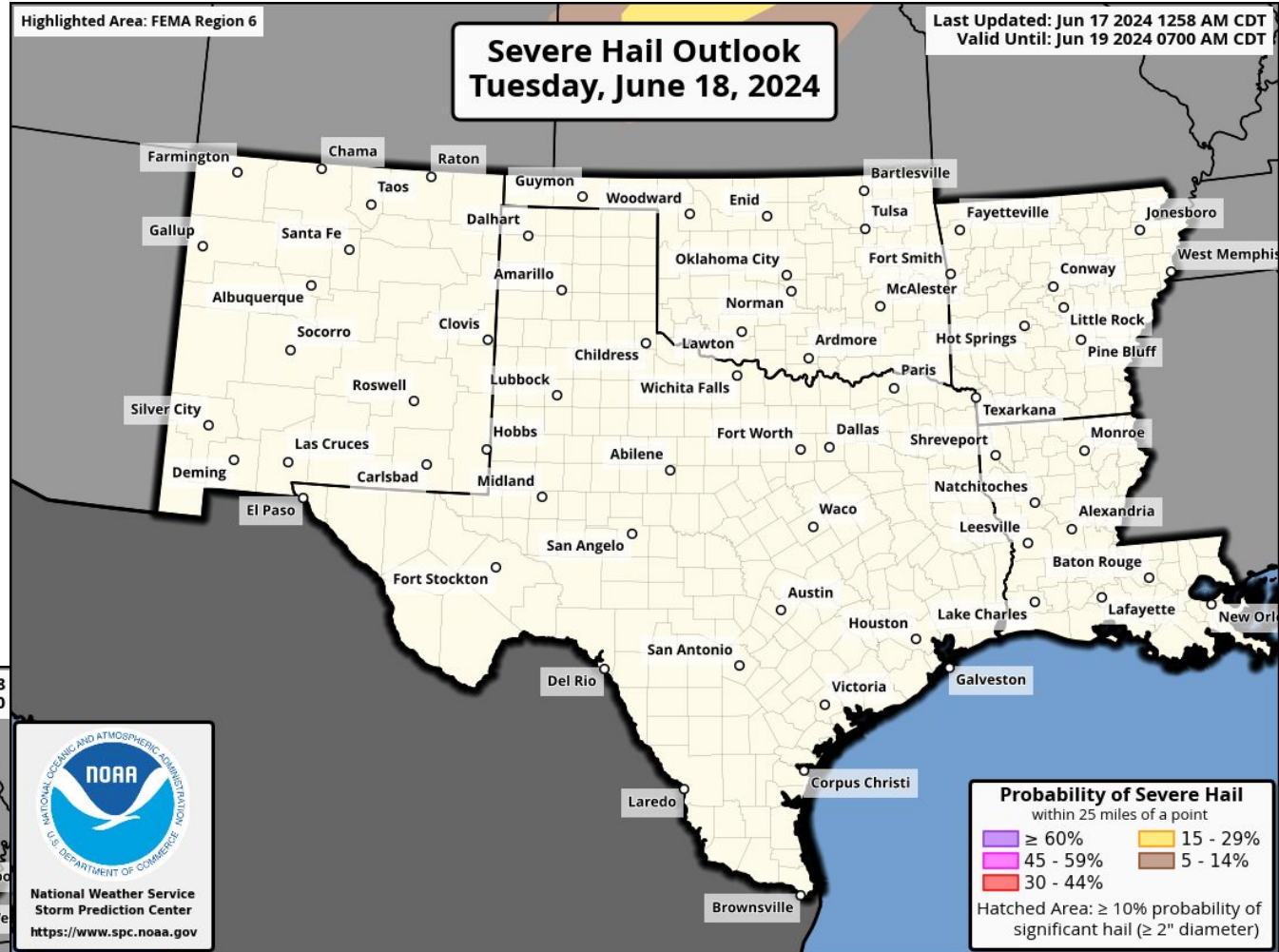
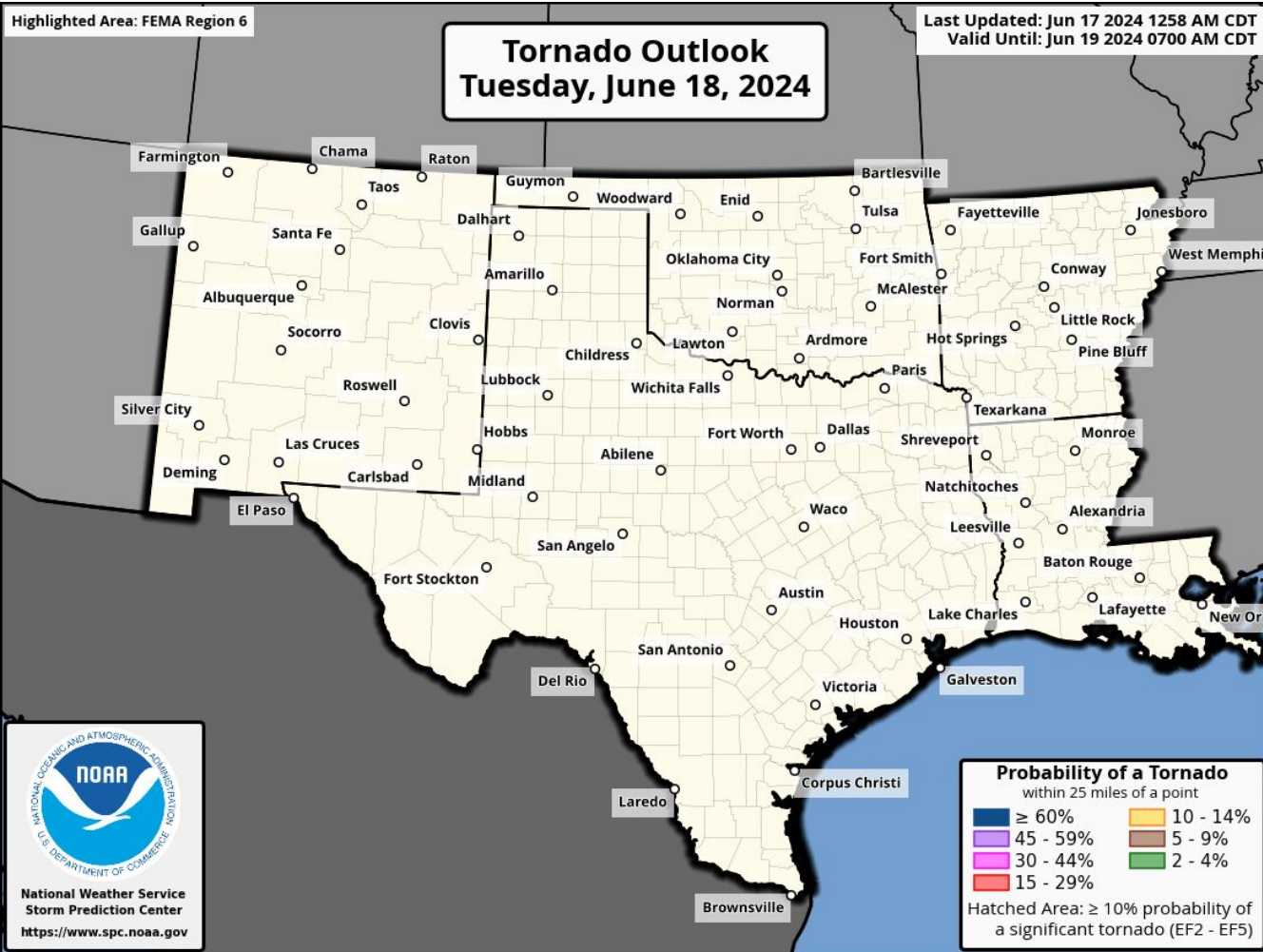


Excessive Rainfall Outlook





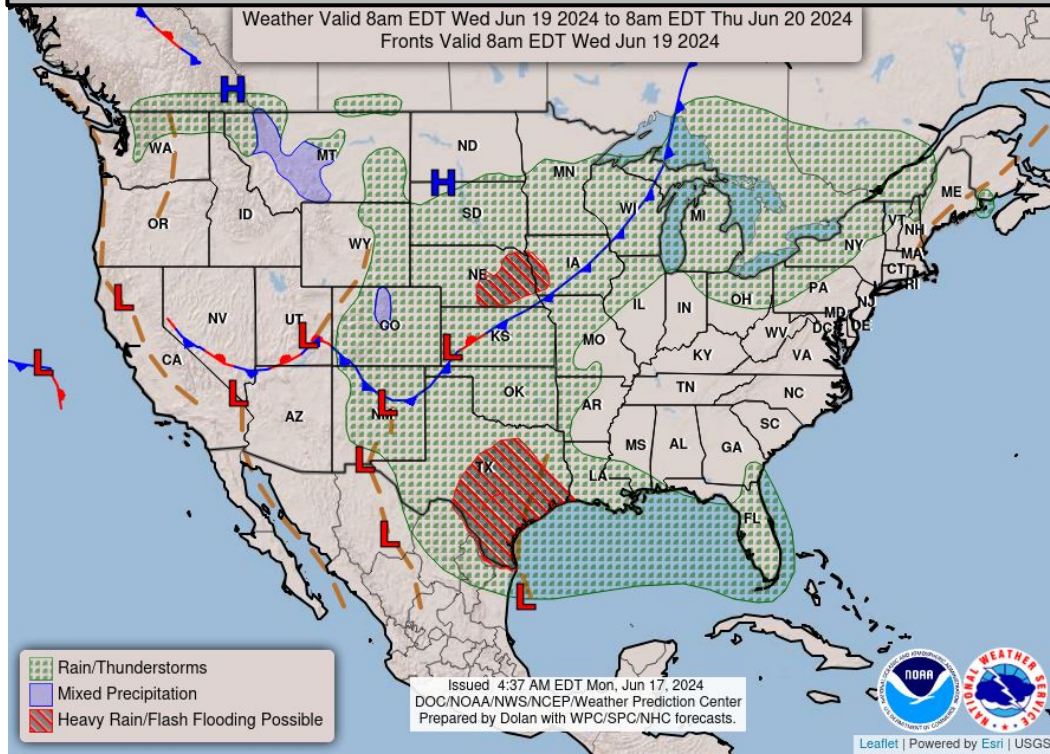
Tomorrow's Tornado & Severe Wind / Hail Probabilities



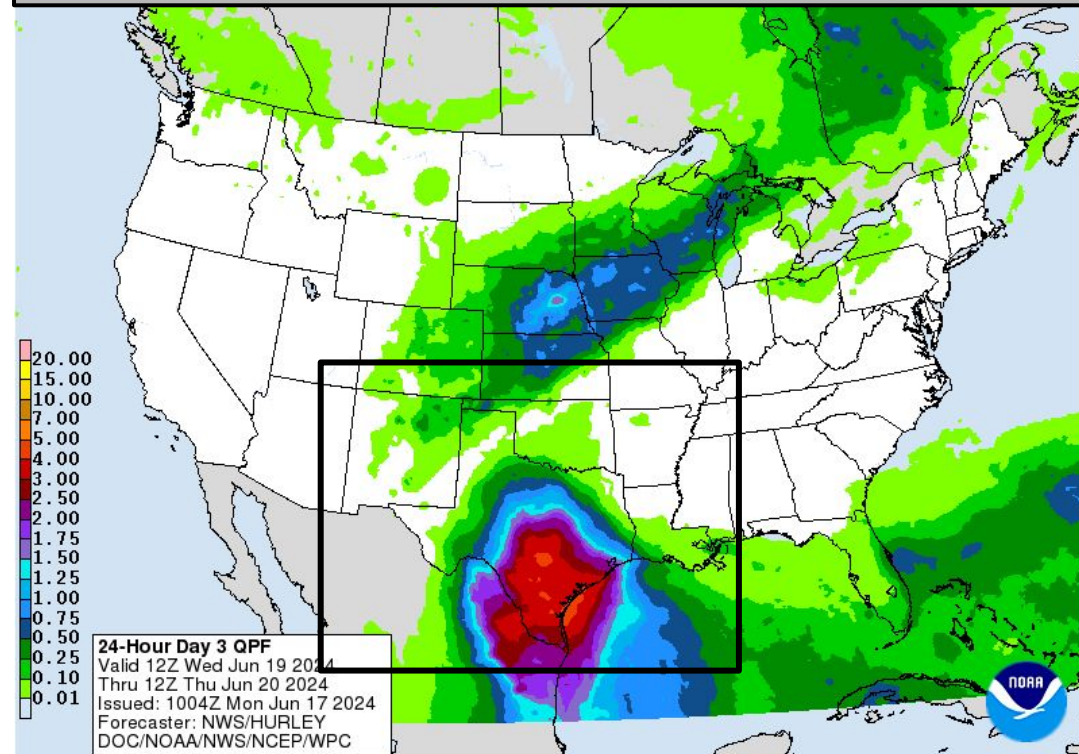


Wednesday's Weather

Forecast Chart

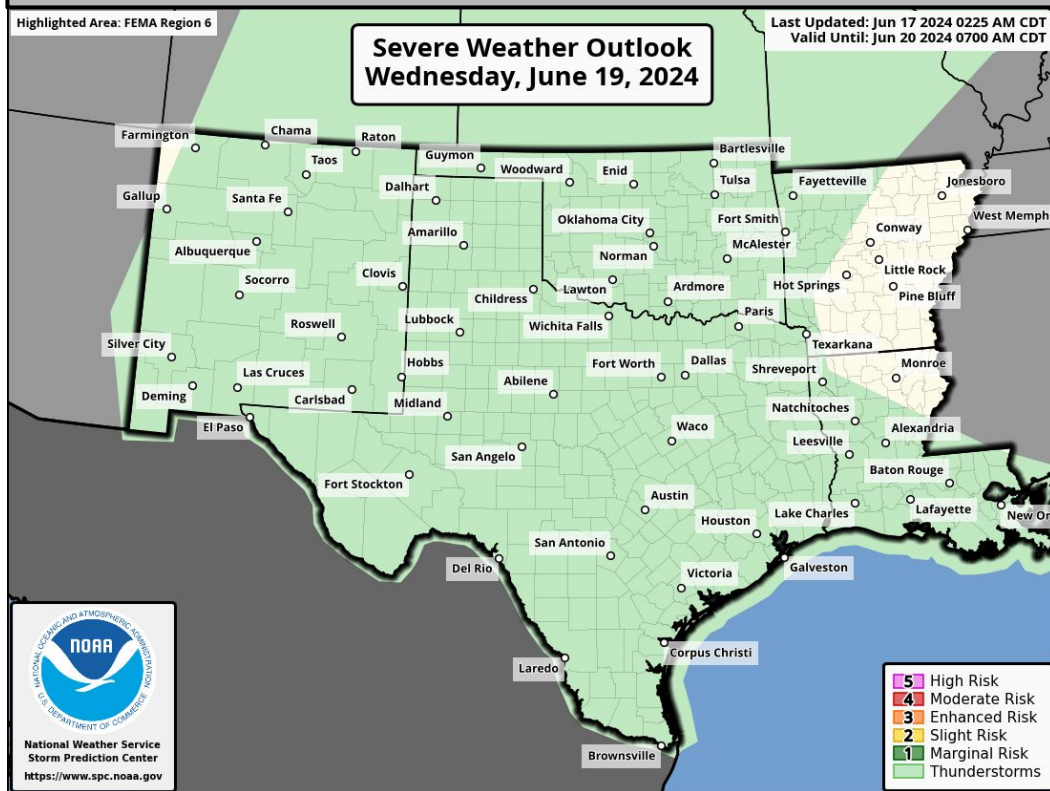


Forecast Rainfall

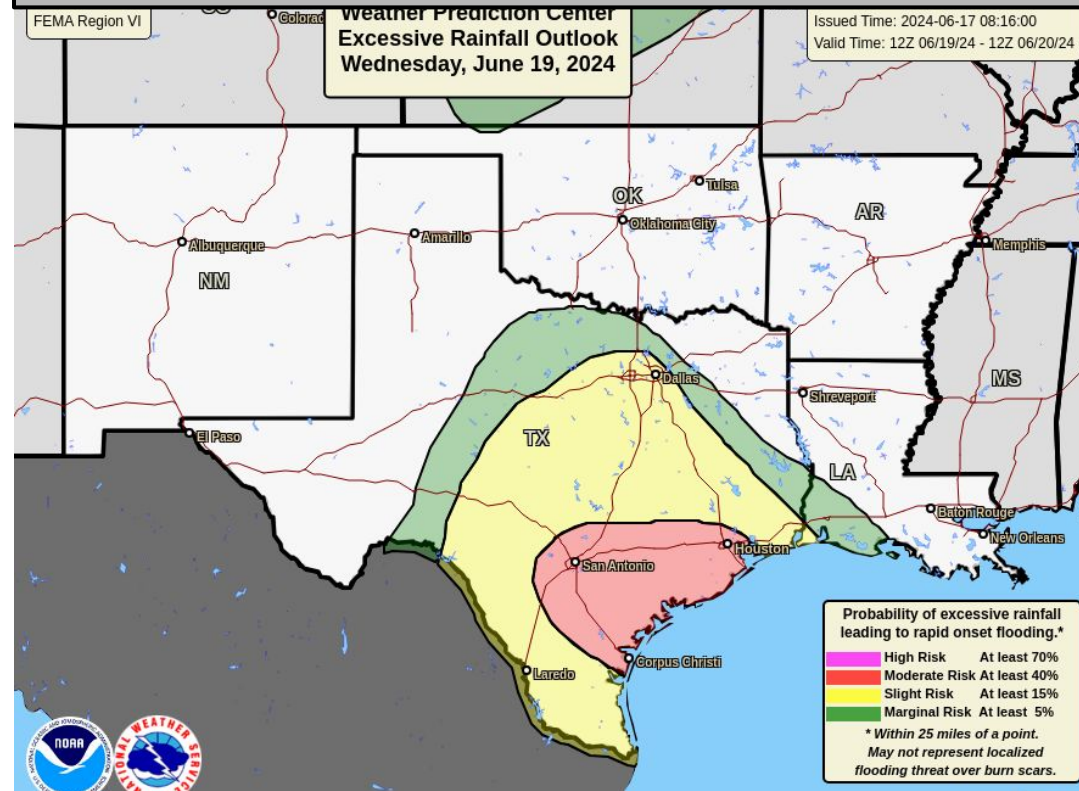


Moderate risk for heavy rainfall/flash flooding in S/SE TX.

Severe Weather Outlook



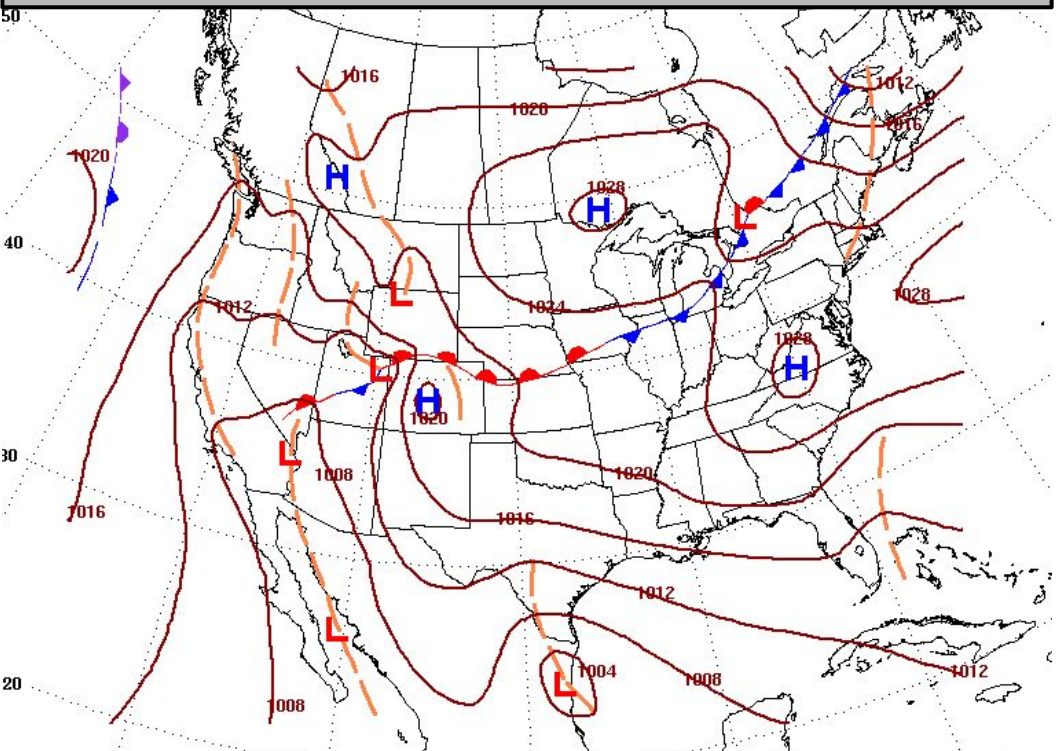
Excessive Rainfall Outlook



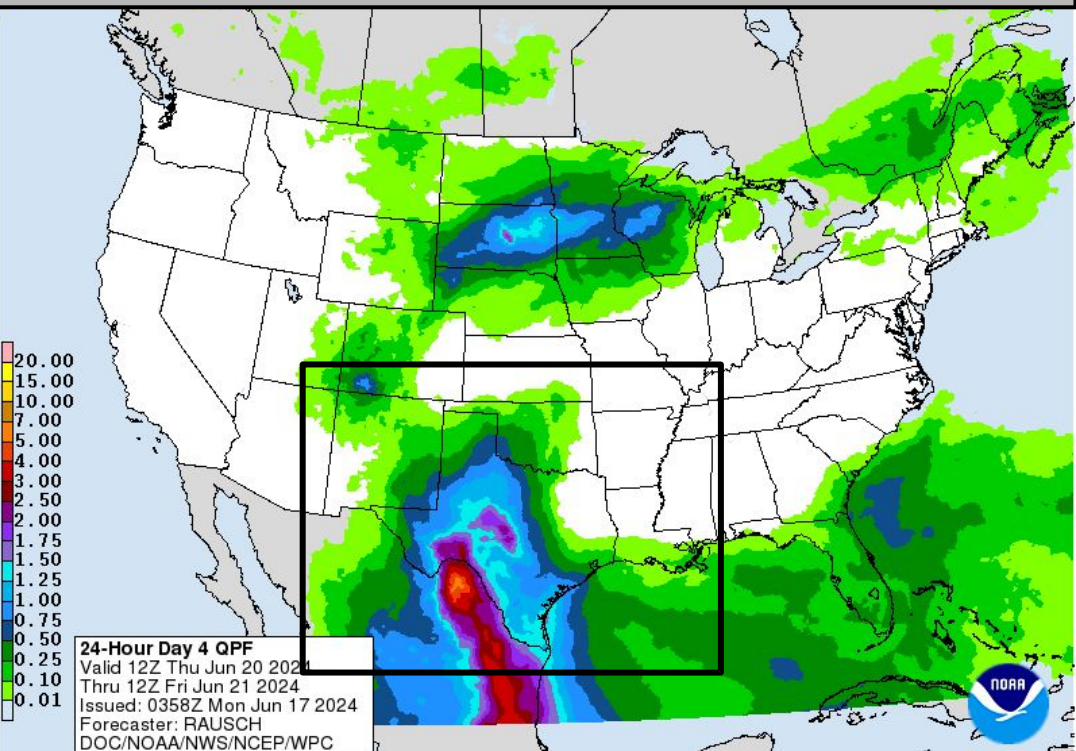


Thursday's Weather

Forecast Chart

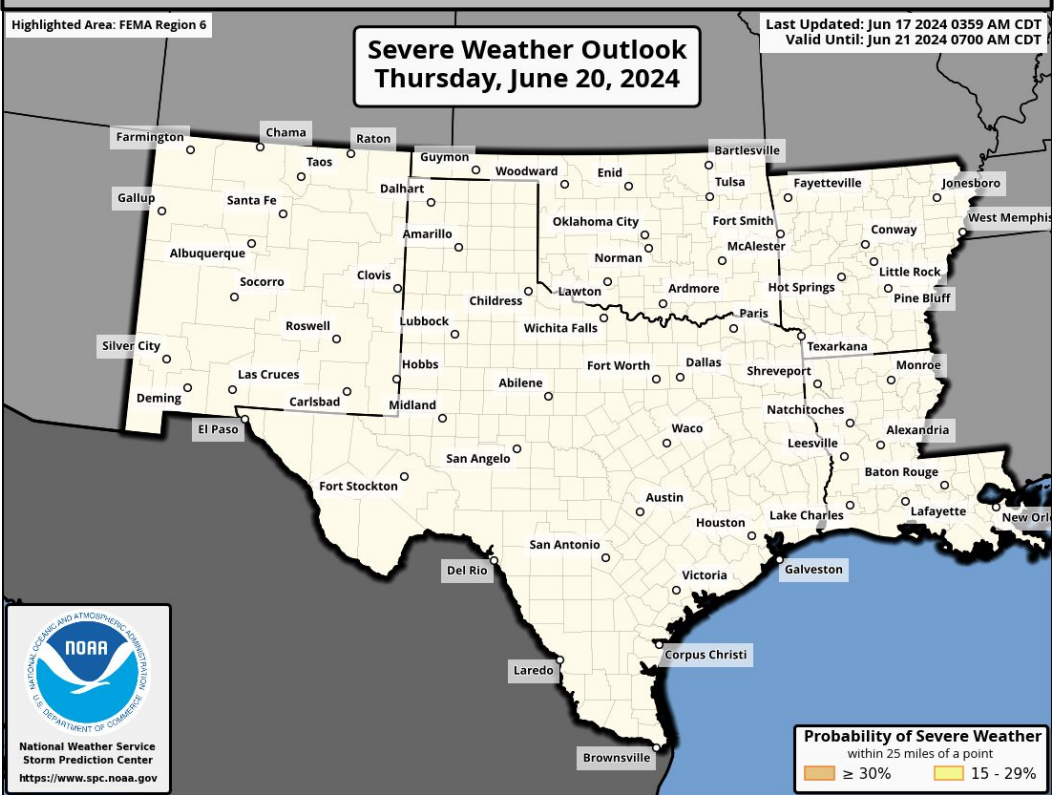


Forecast Rainfall

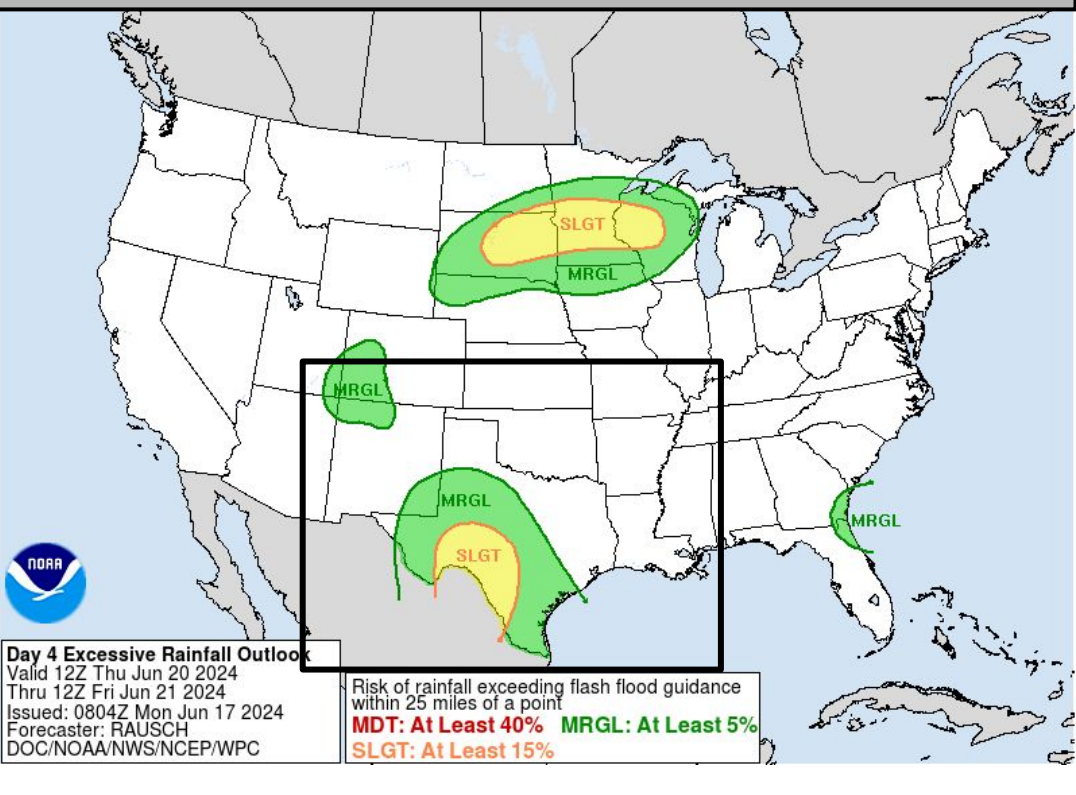


Slight risk for heavy rainfall/flash flooding in SW TX.

Severe Weather Outlook



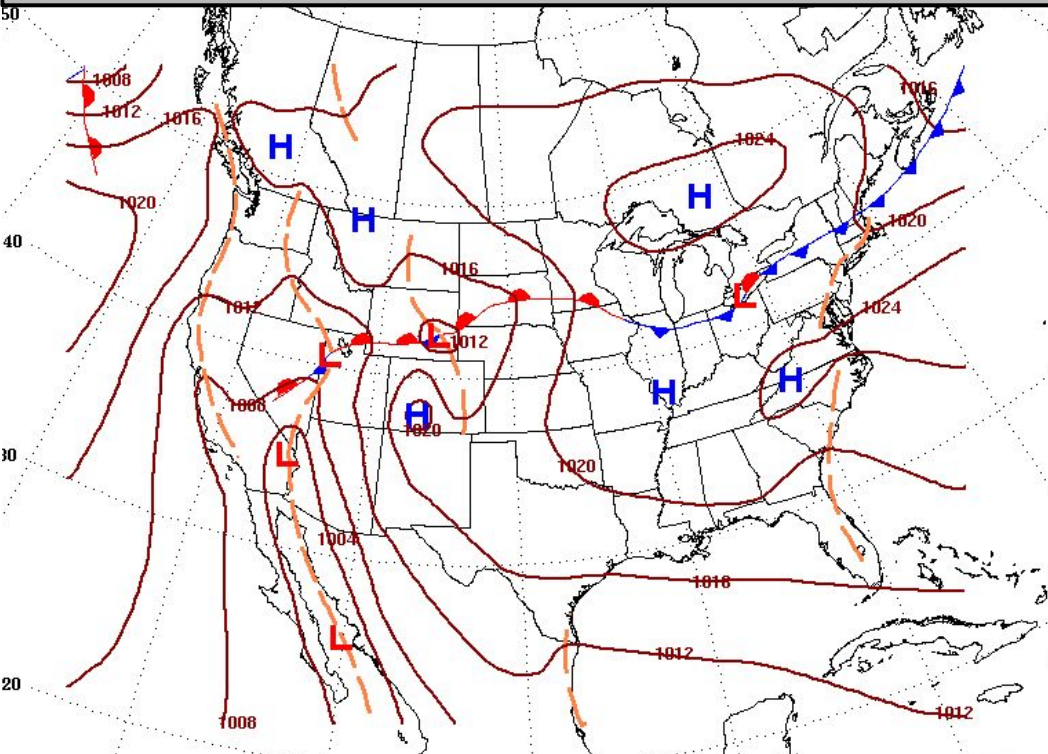
Excessive Rainfall Outlook



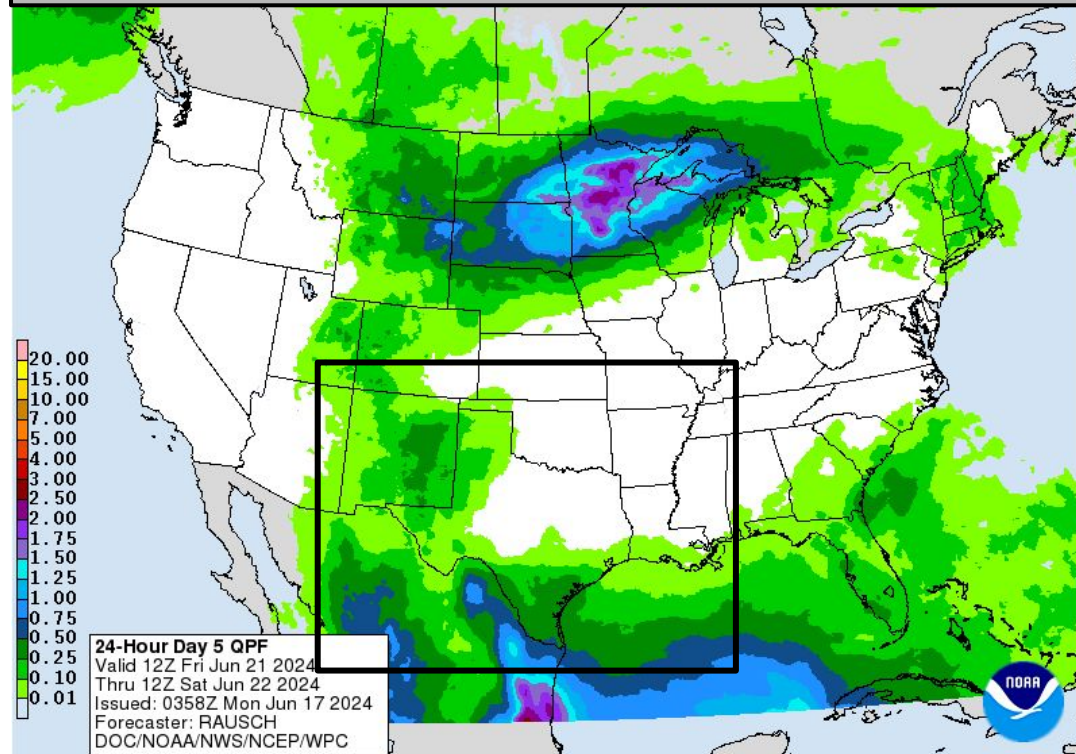


Friday's Weather

Forecast Chart

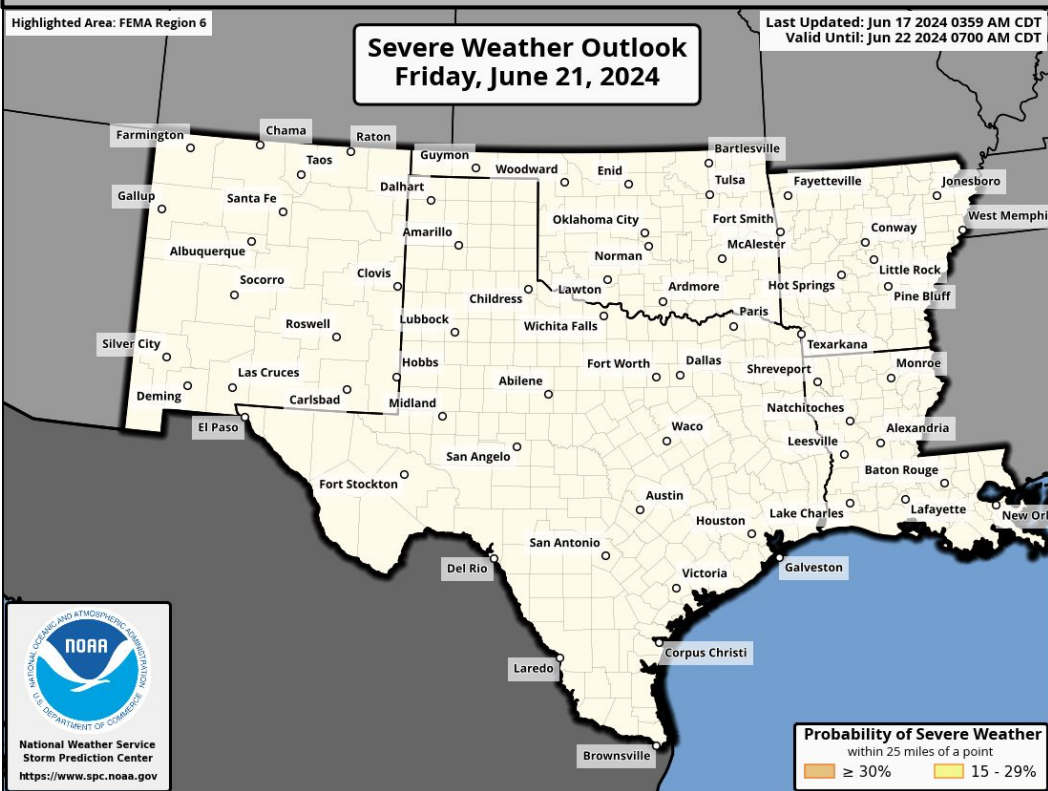


Forecast Rainfall

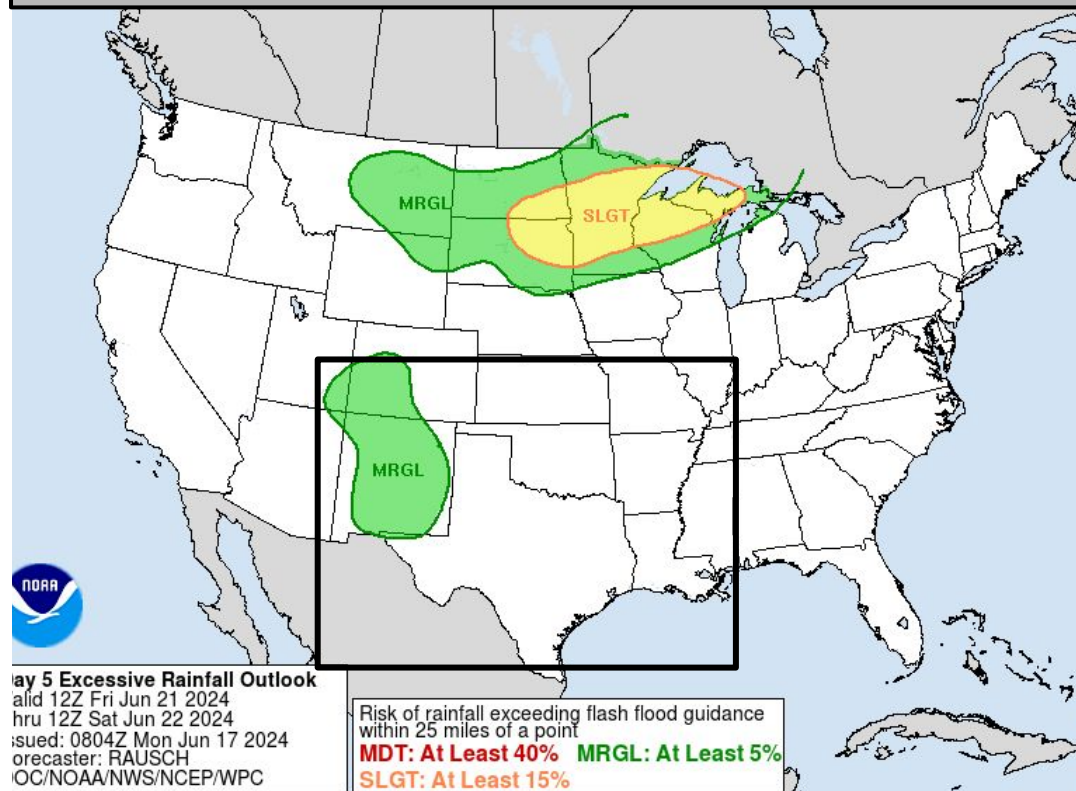


No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook

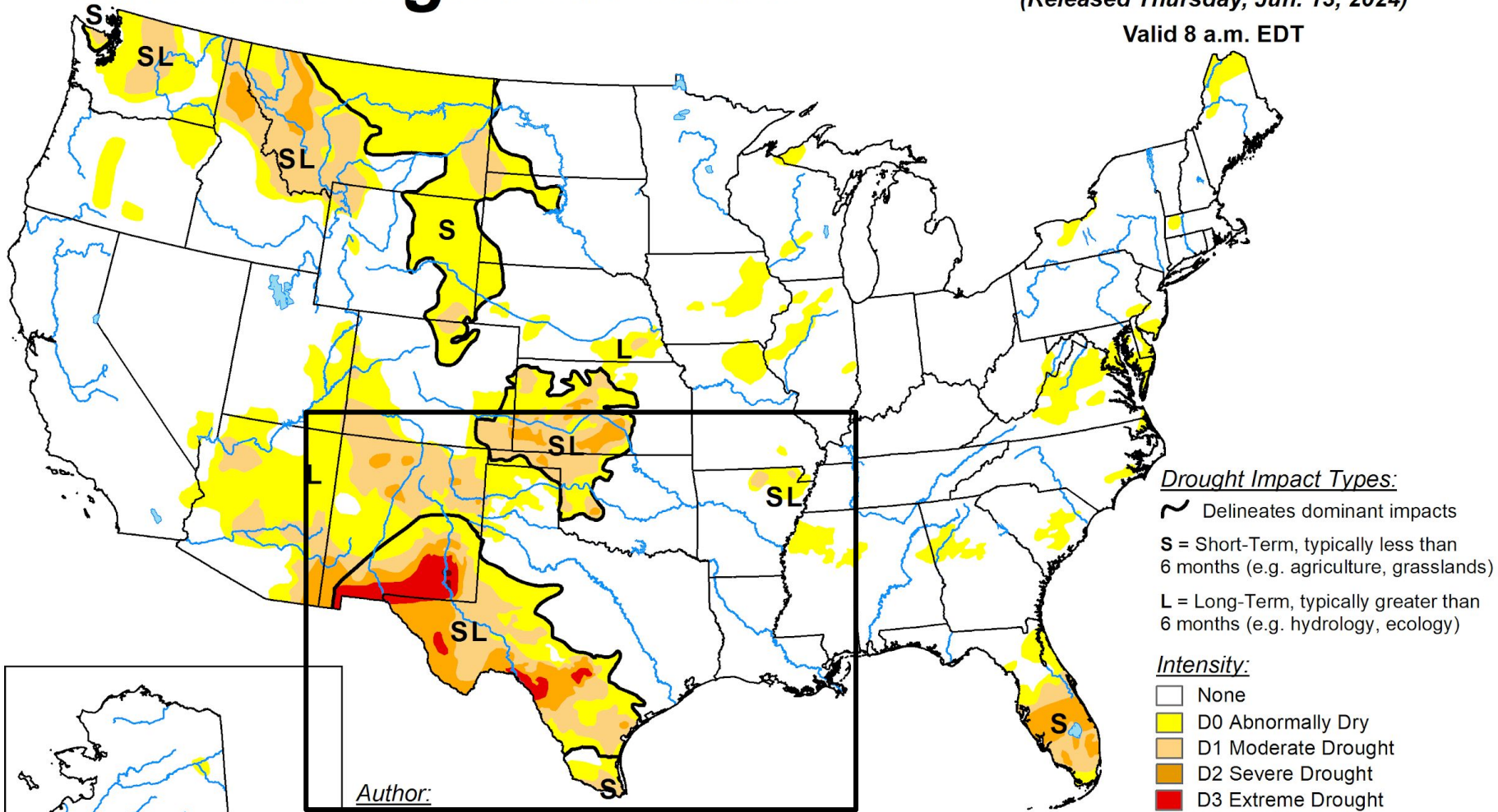




Drought Monitor

U.S. Drought Monitor

June 11, 2024
(Released Thursday, Jun. 13, 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

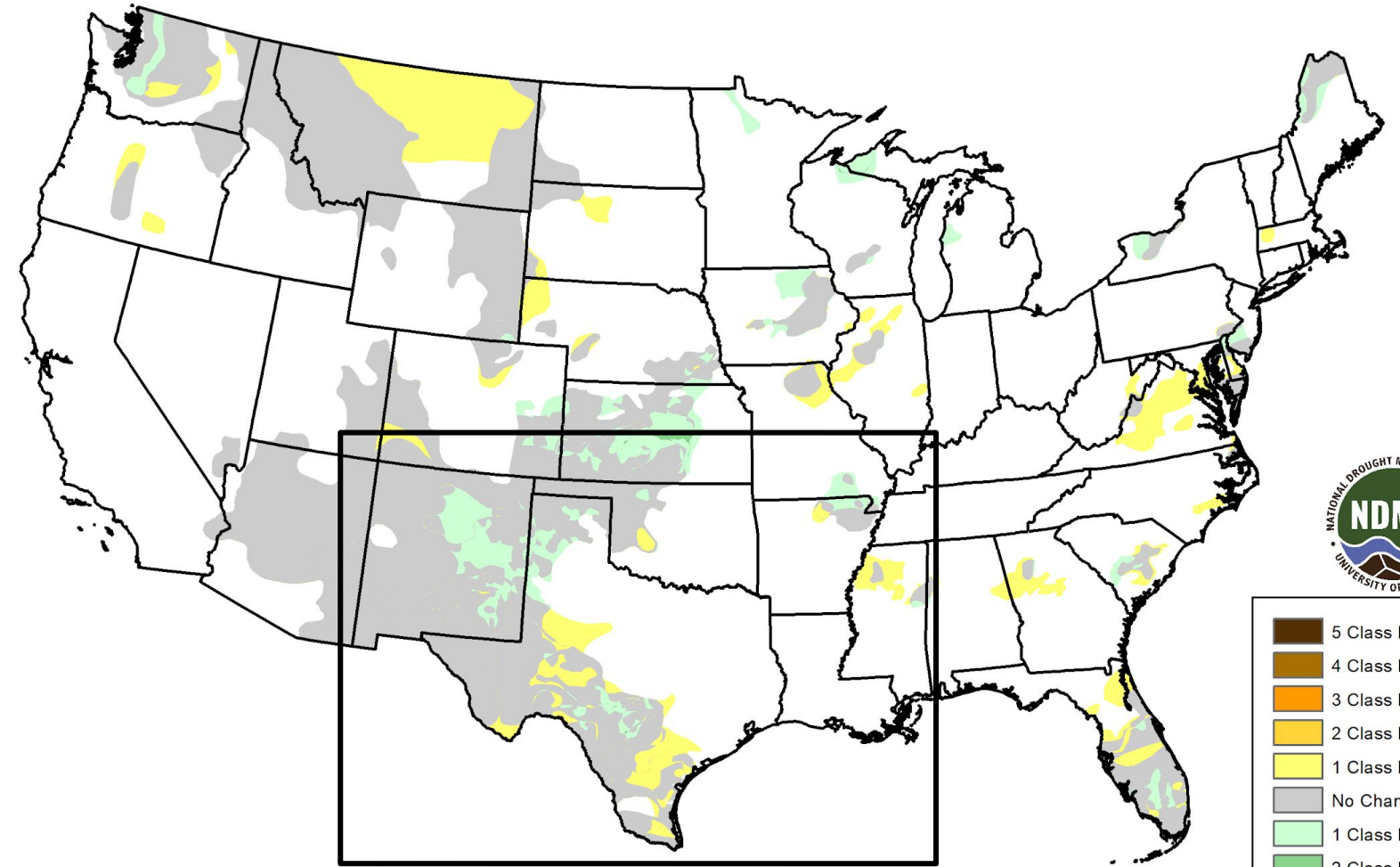
Author:
Richard Tinker
CPC/NOAA/NWS/NCEP

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 11, 2024
compared to
June 4, 2024

droughtmonitor.unl.edu



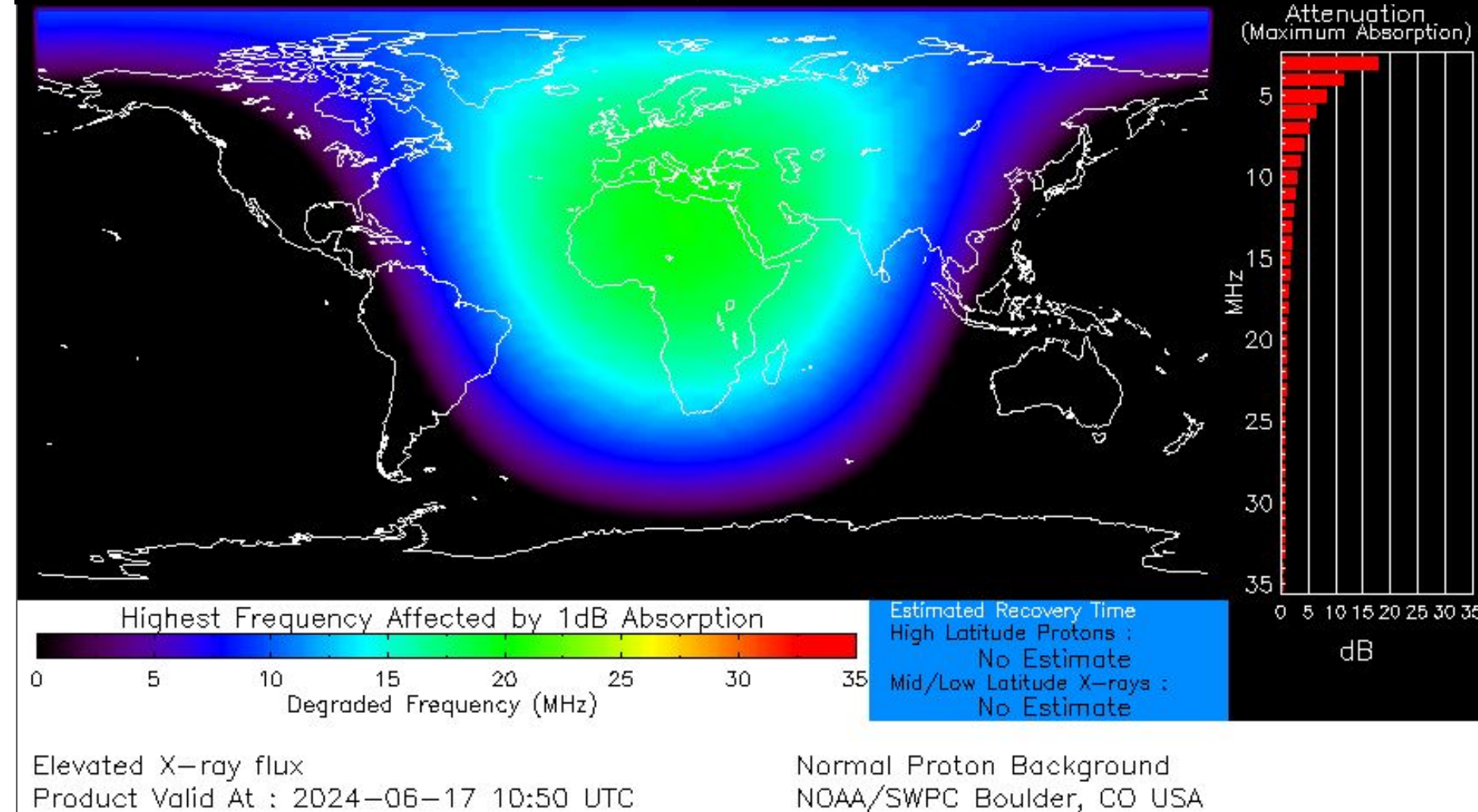
5 Class Degradation
 4 Class Degradation
 3 Class Degradation
 2 Class Degradation
 1 Class Degradation
 No Change
 1 Class Improvement
 2 Class Improvement
 3 Class Improvement
 4 Class Improvement
 5 Class Improvement





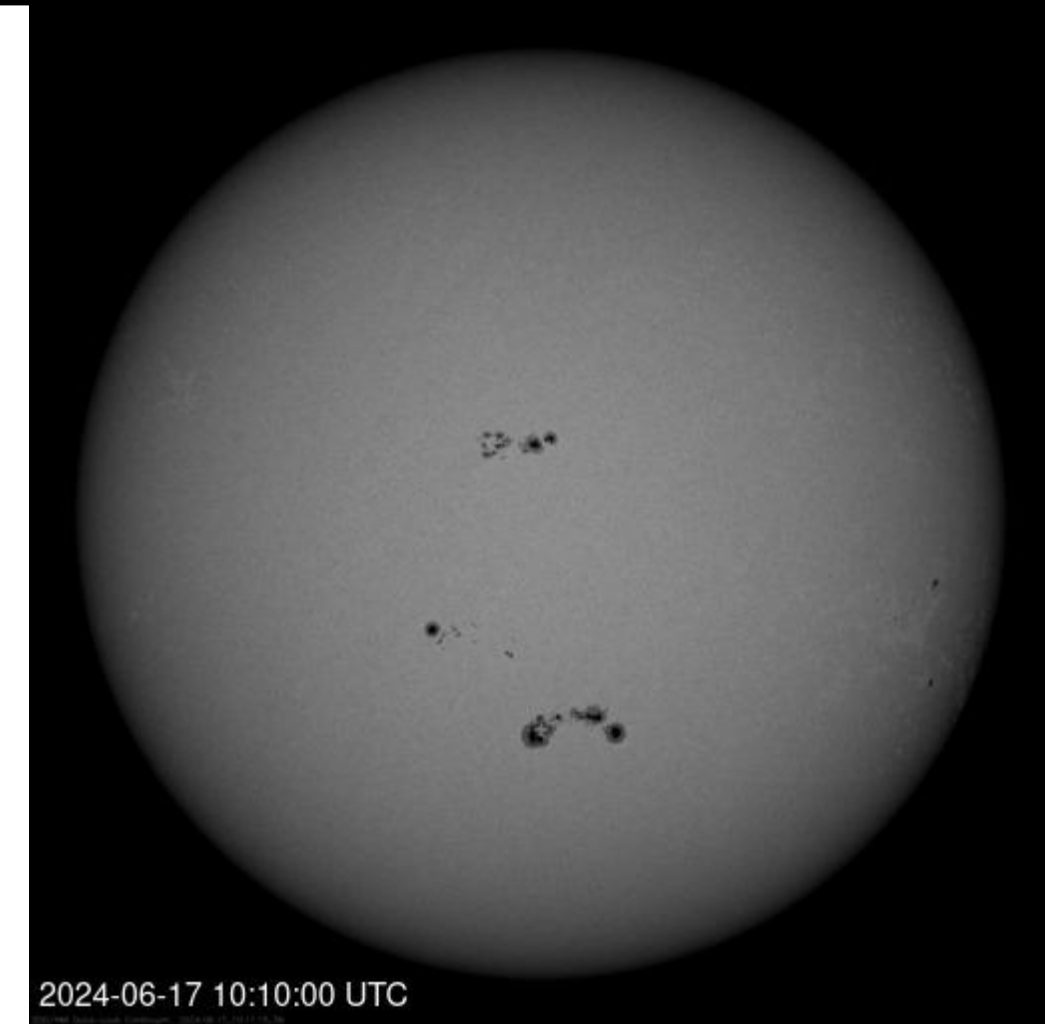
Space Weather 3-Day Forecast

	Monday, Jun 17	Tuesday, Jun 18	Wednesday, Jun 19
Geomagnetic Storms	Active (Max Kp = 4)	Active (Max Kp = 4)	Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	10%	10%	10%
Radio Blackout (R1-R2)	55%	55%	55%
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	<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



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Web: www.weather.gov/srh

