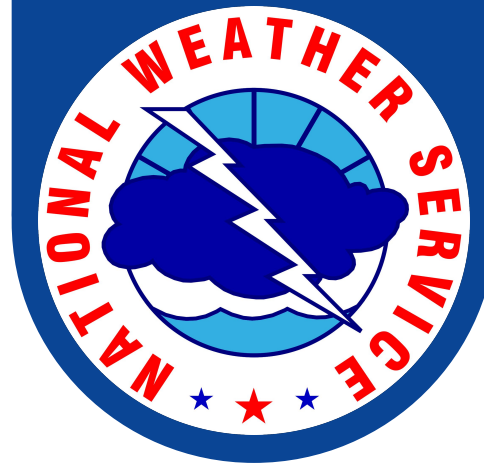




FEMA



Prepared by
Mark Wiley

FEMA Region 6 Weather Threat Briefing

Friday, October 17, 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

- **Flash Flooding:**
 - Slight risk (level 2 of 4) tomorrow in NE OK and NE AR.
- **Severe Weather:**
 - Slight risk (level 2 of 5) tomorrow over E OK, AR, NE TX, N LA.
 - Timing: Mid-afternoon through around midnight.
- **Fire Weather:**
 - Elevated risk (level 1 of 3) tomorrow in N/CTX, SW OK.
 - Elevated risk Monday over OK and N/NW/CTX.
- **Tropical Weather:**
 - Eastern Pacific disturbance off the coast of western Mexico has a medium (50%) chance of development. No FEMA 6 impacts are expected.
 - An area in the tropical Atlantic has a low (30%) of formation in the next 7 days. No FEMA 6 impacts are expected in the next week.
 - An area off the NE U.S. has a low (10%) of formation in the next 7 days. No FEMA 6 impacts are expected in the next week.





FEMA Region 6 Threat Matrix

Next 7 days

	Friday, Oct 17	Saturday, Oct 18	Sunday, Oct 19	Monday, Oct 20	Tuesday, Oct 21	Wednesday, Oct 22	Thursday, Oct 23
Severe Storms	OK	E OK, AR, NE TX, N LA					
Heavy Rain / Flash Flooding		NE OK, N AR					
Tropical							
Fire Weather		N/C TX, SW OK		OK, N/NW TX			
River Flooding							

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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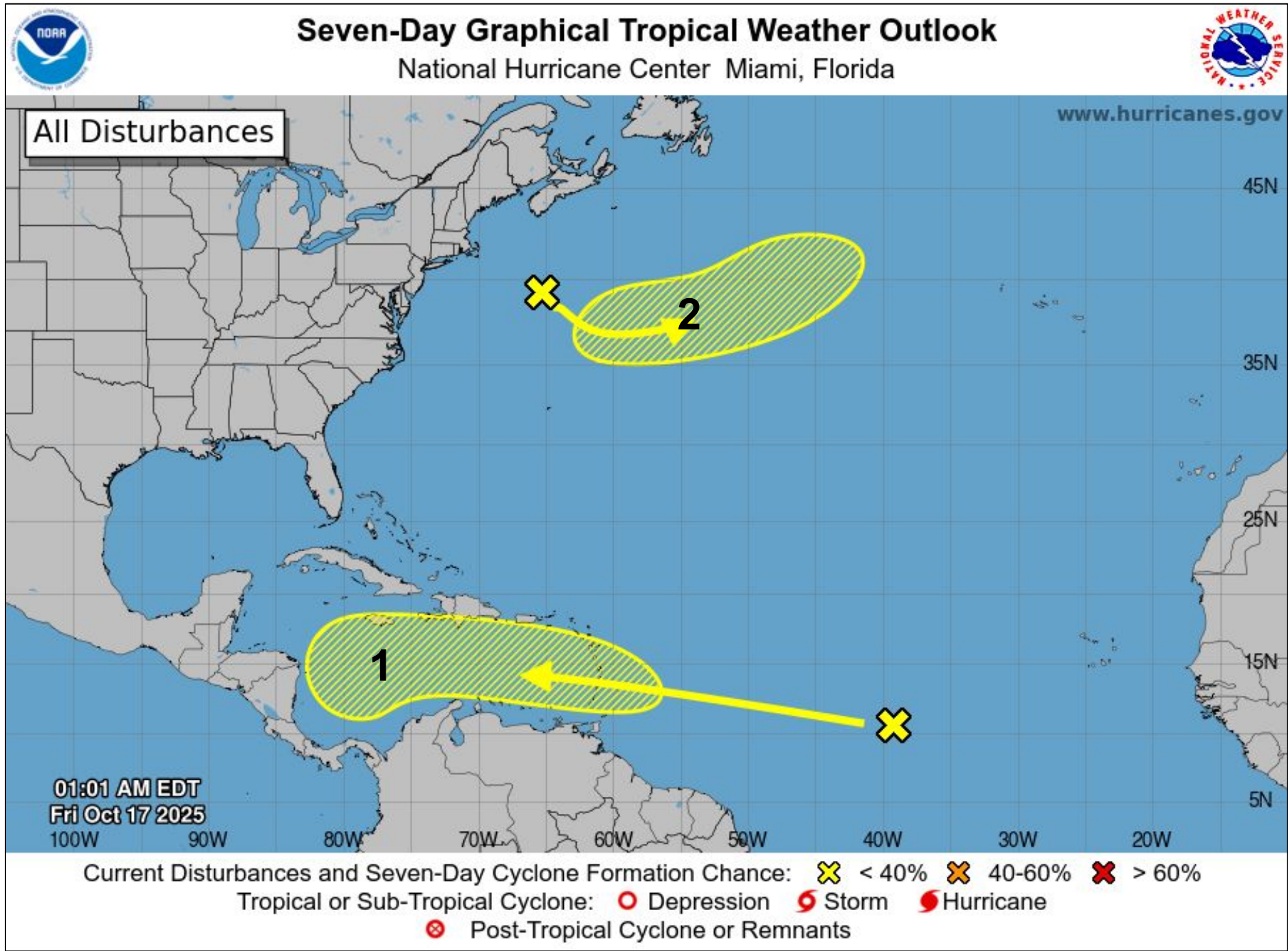
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
I	Low	None in the next 7 days.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6



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

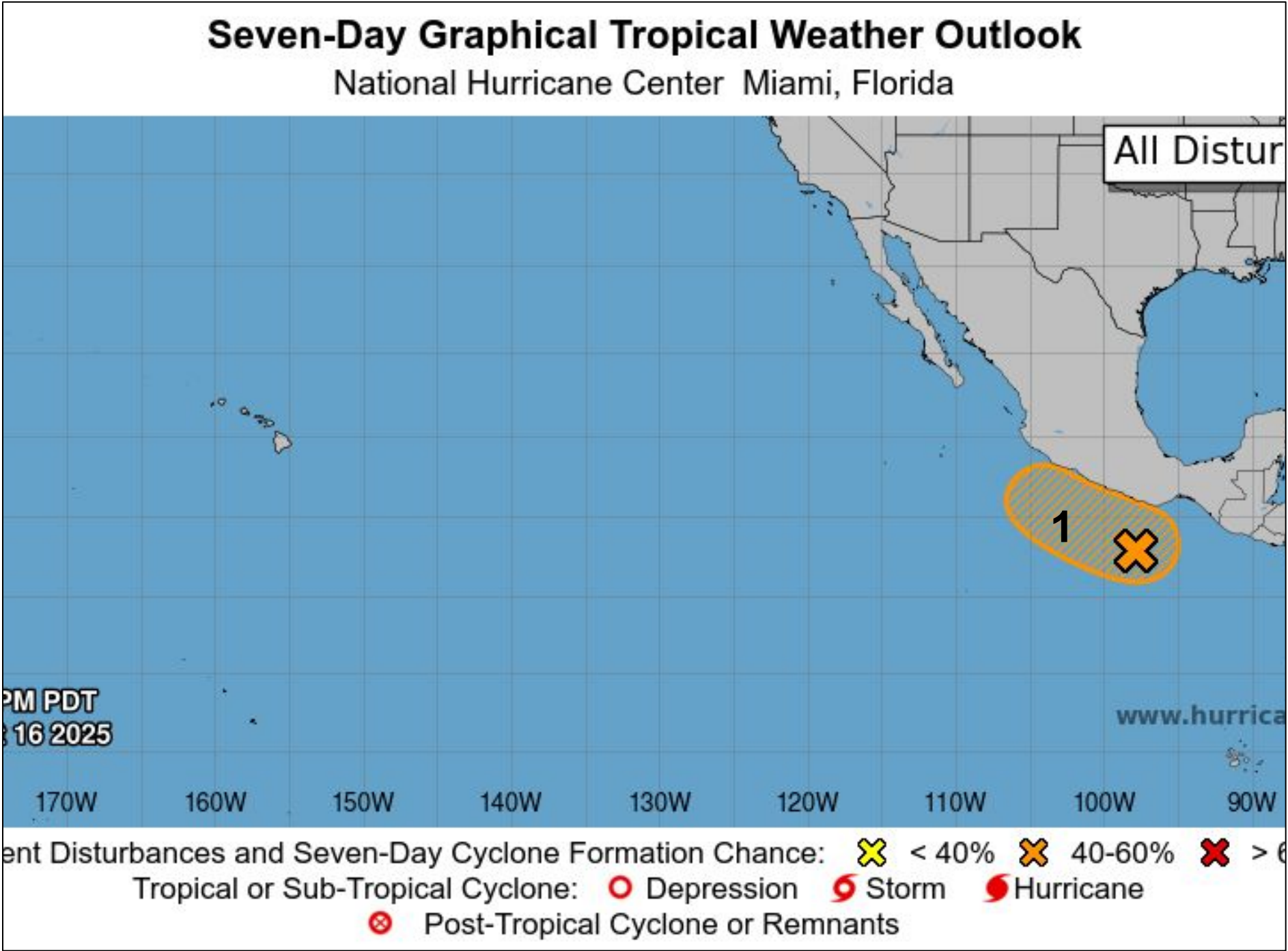




Tropical Weather Outlook – Eastern Pacific

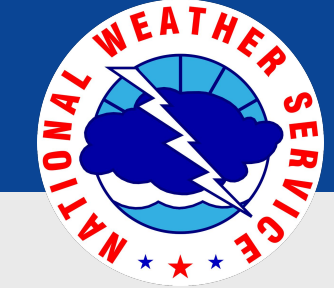
Areas of Possible Development		
Area	Chance of Development	Potential Impacts to FEMA 6
I	Medium	None

Active Tropical Cyclones	
Storm	Potential Impacts to FEMA 6



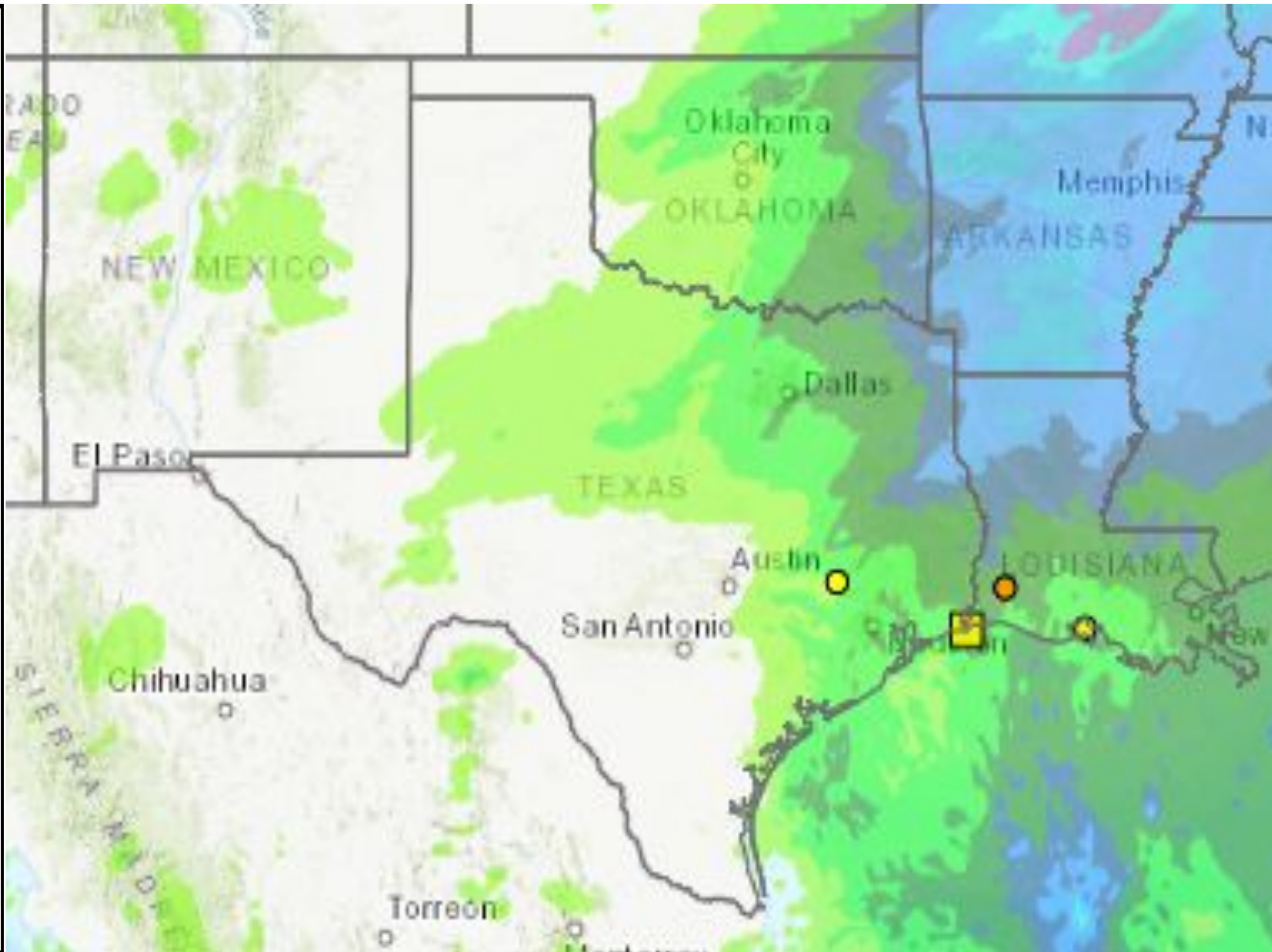
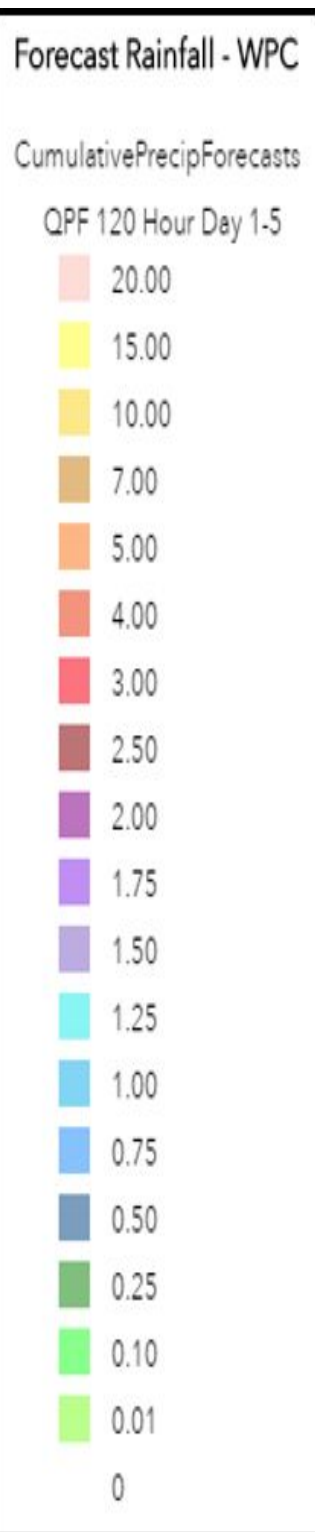
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms





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



No significant river flooding is forecast.

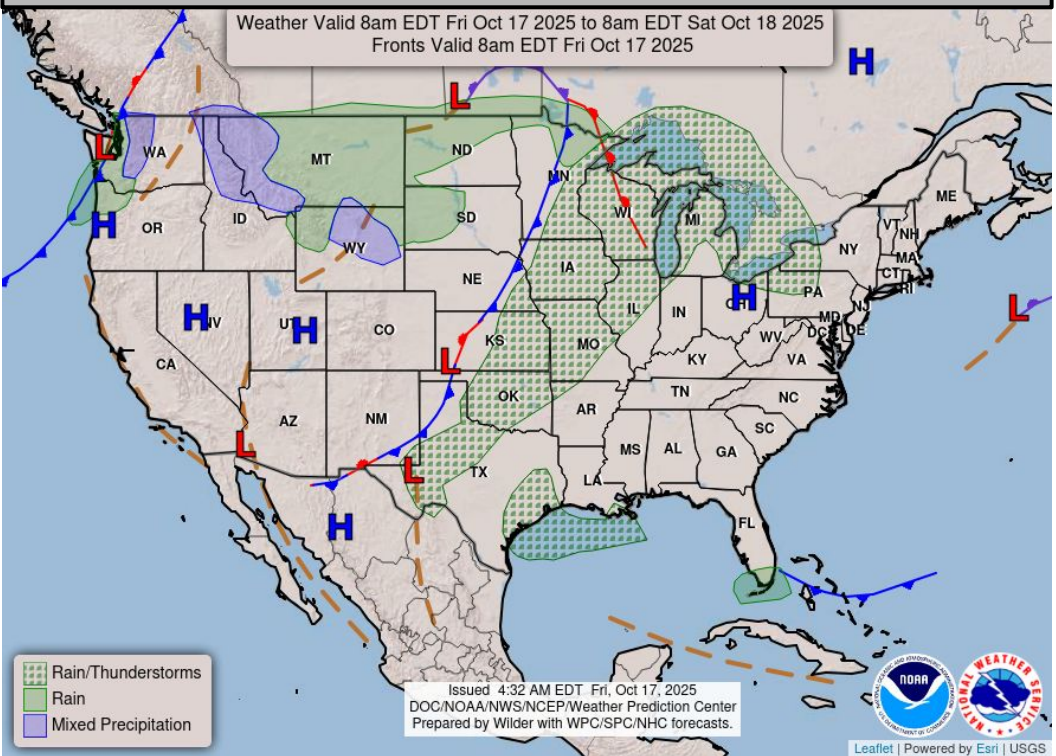
Note: Numerical levels (e.g. level 1 of 4) will not be assigned to riverine flooding due to the varying levels of impacts across flood categories.



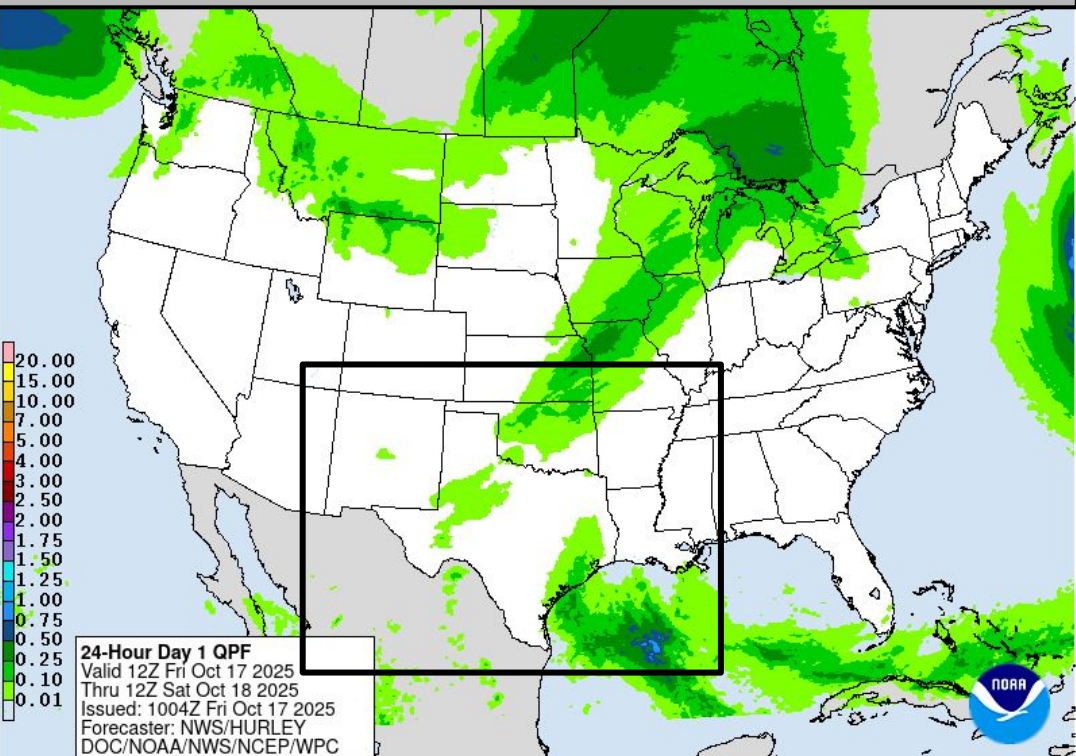


Today's Weather

Forecast Chart

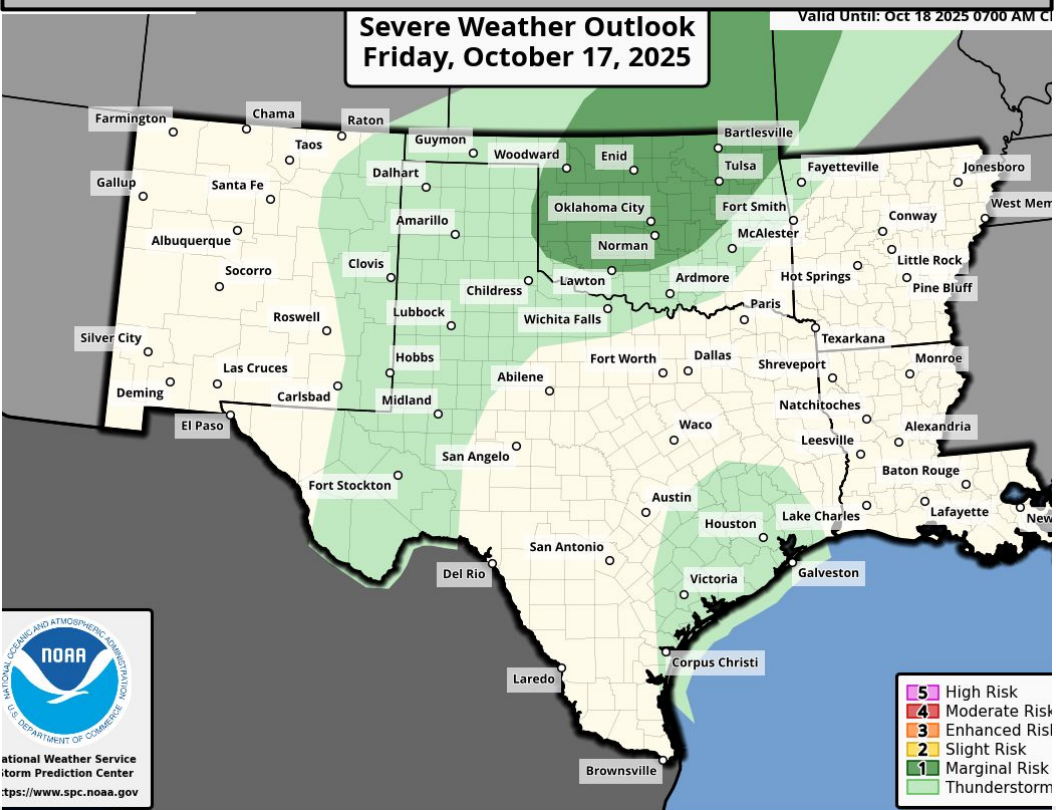


Forecast Rainfall

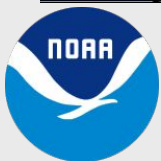
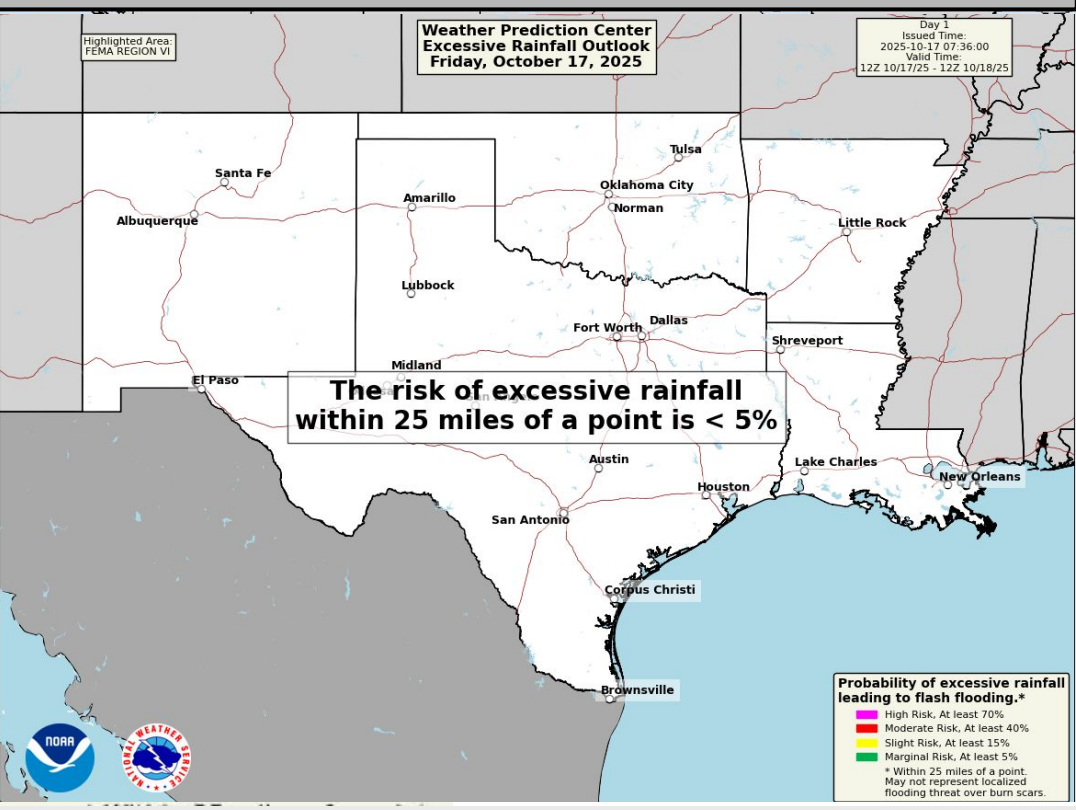


Marginal risk (level 1 of 5) for severe storms for OK. Isolated severe hail and wind are main threats.

Severe Weather Outlook

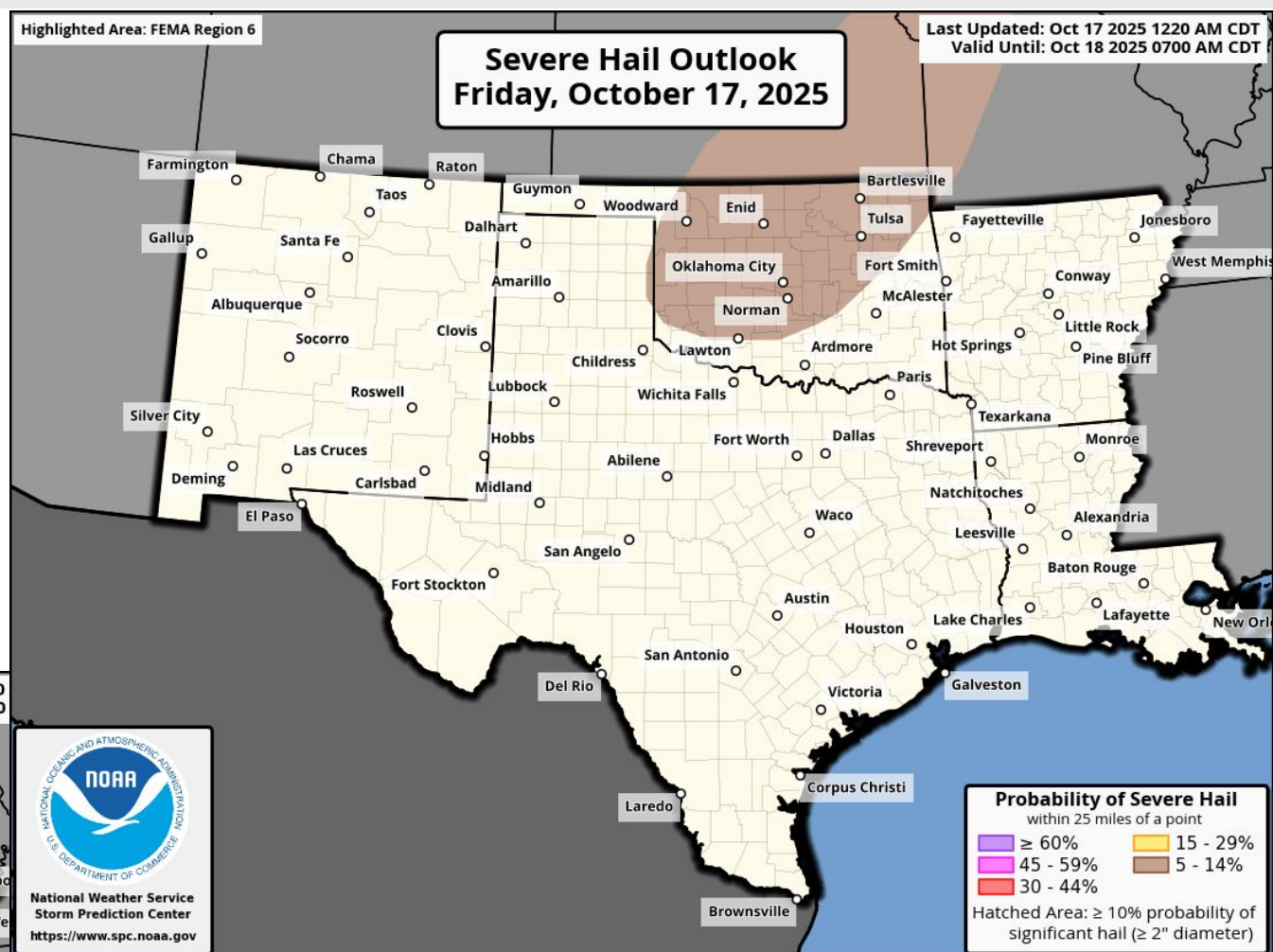
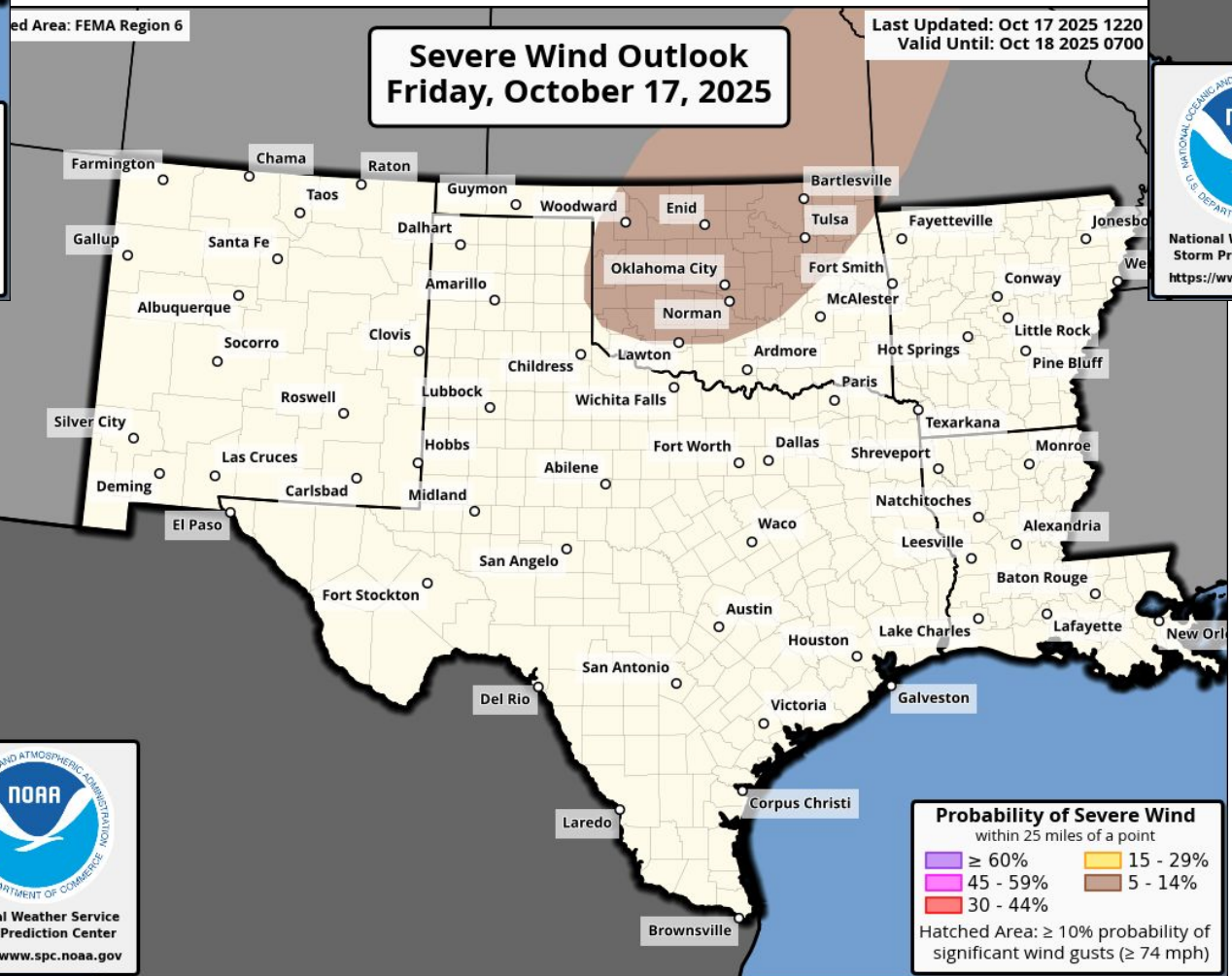
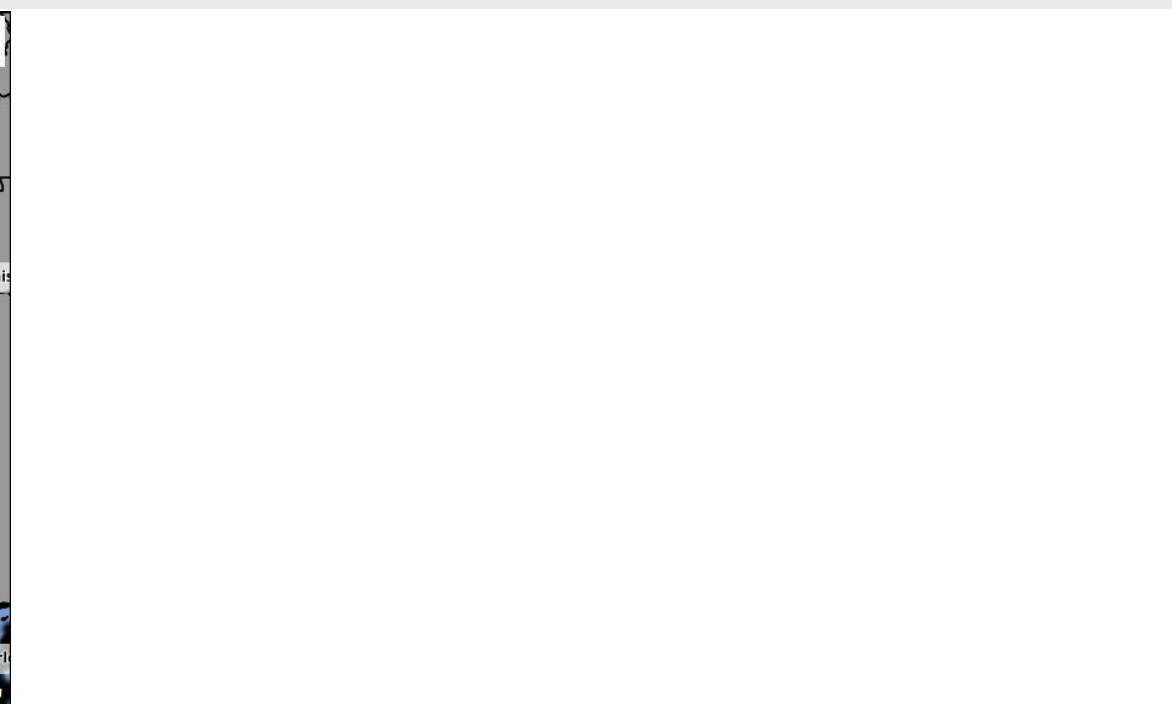
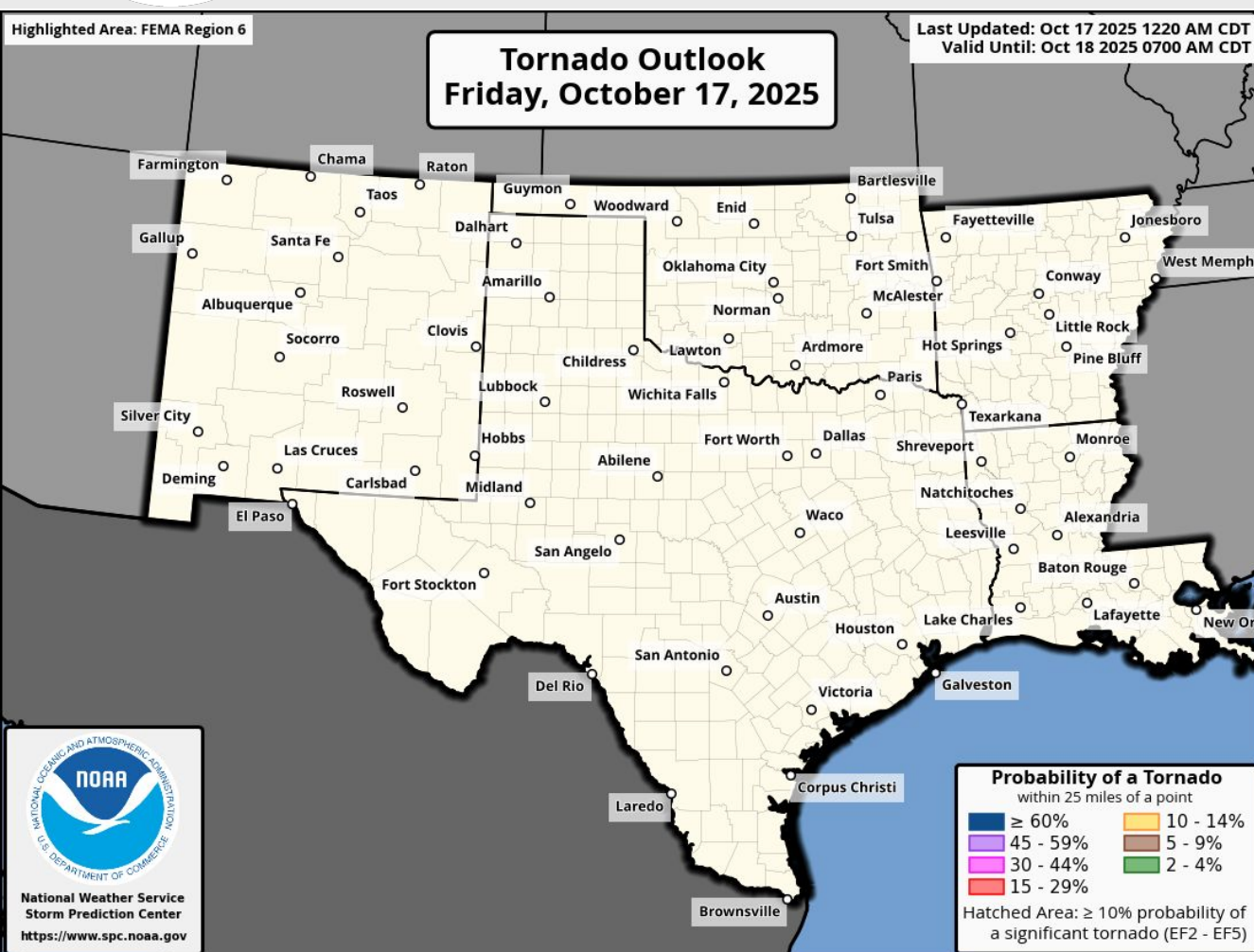


Excessive Rainfall Outlook



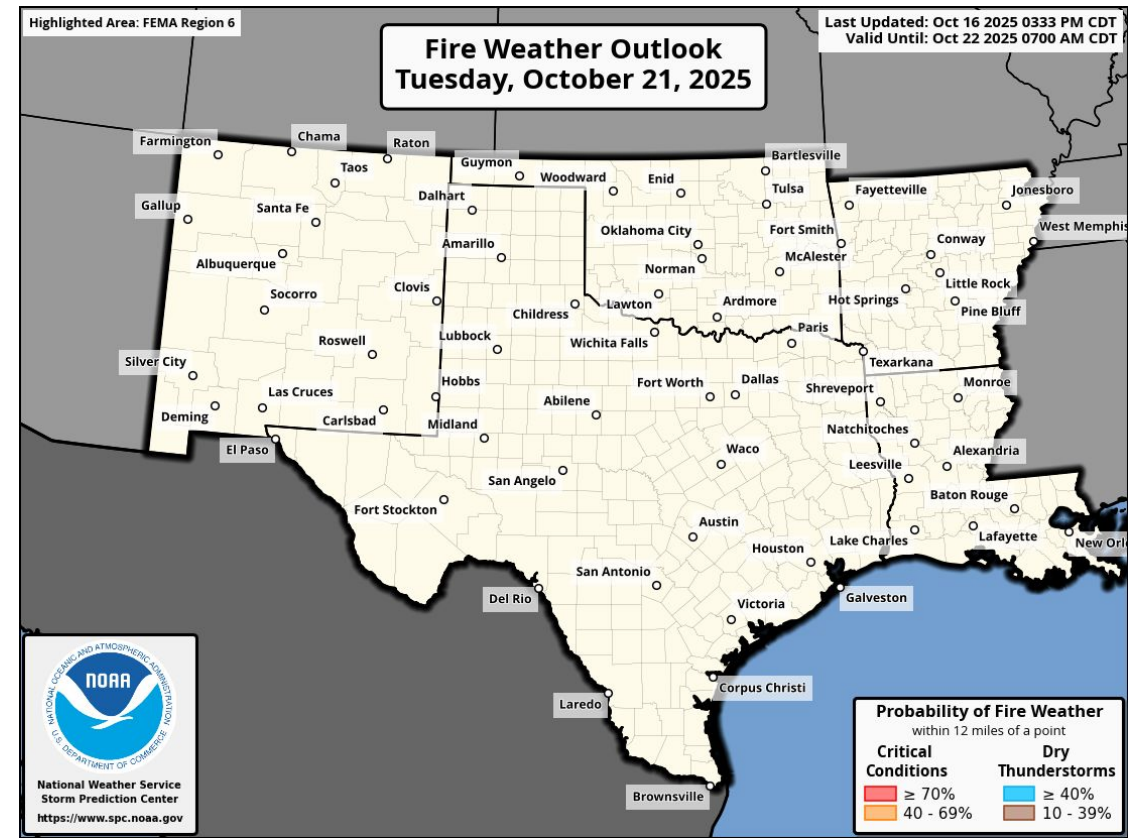
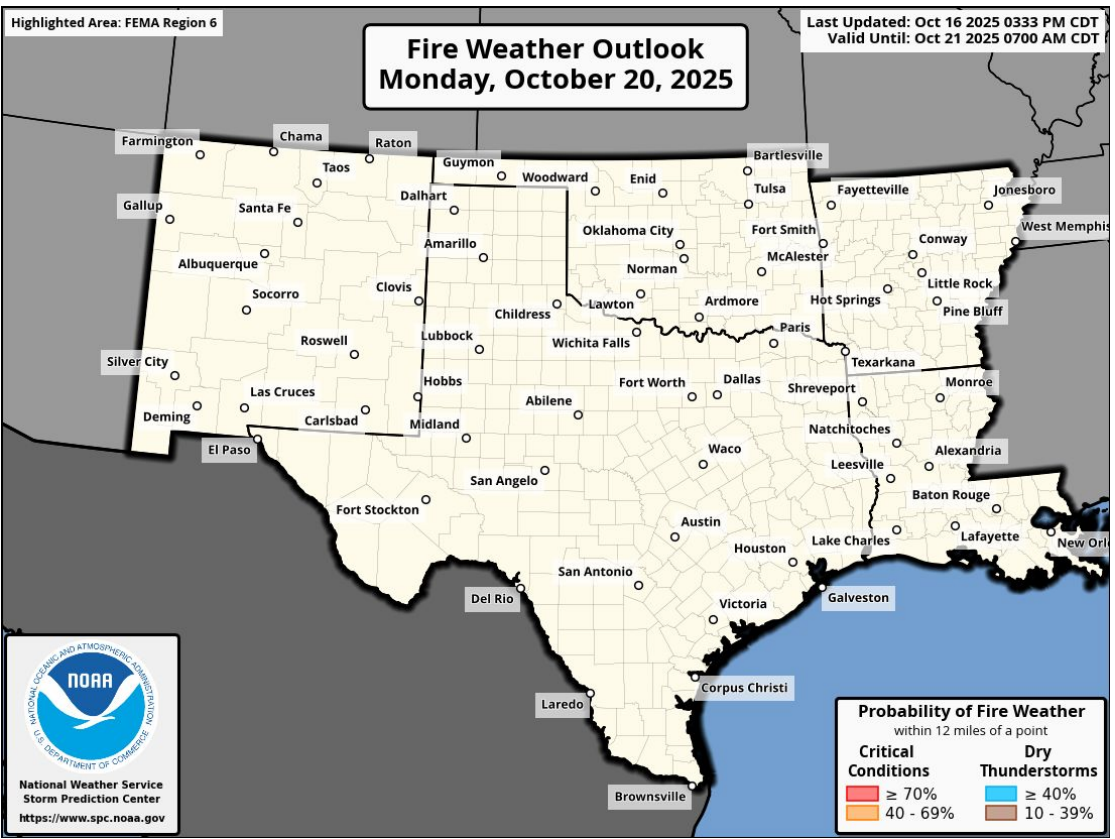
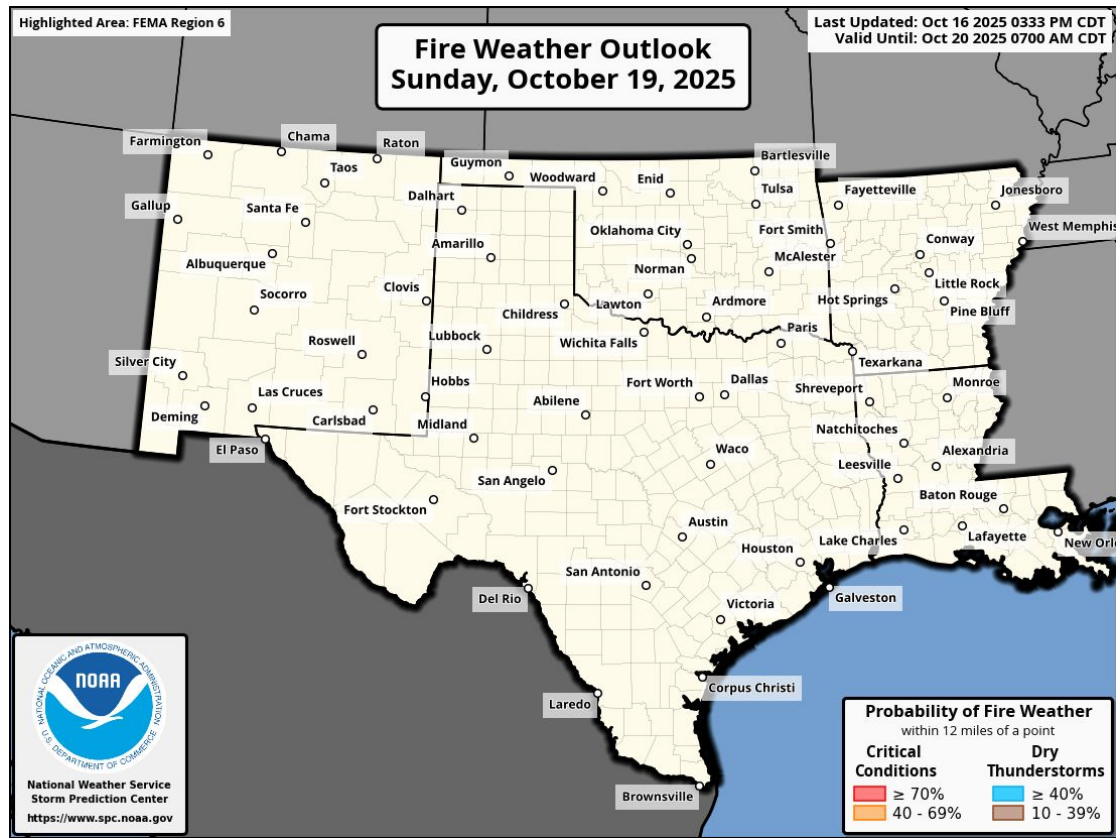
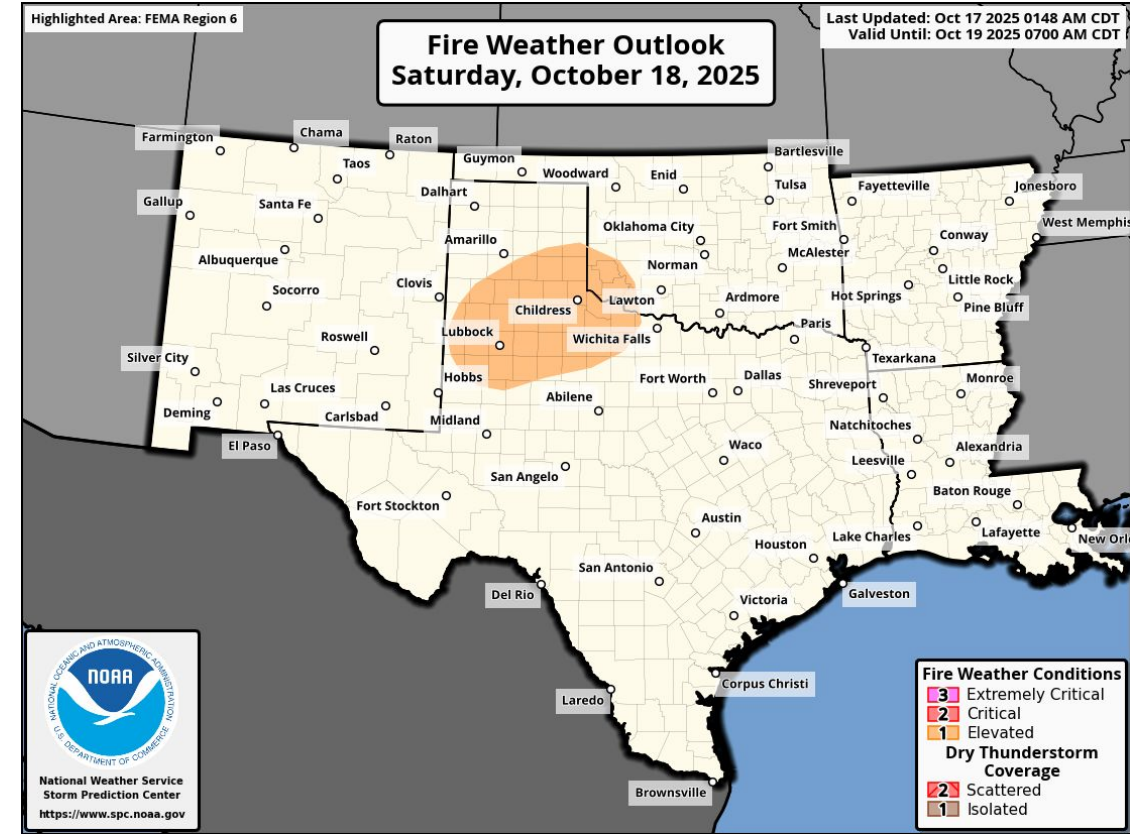
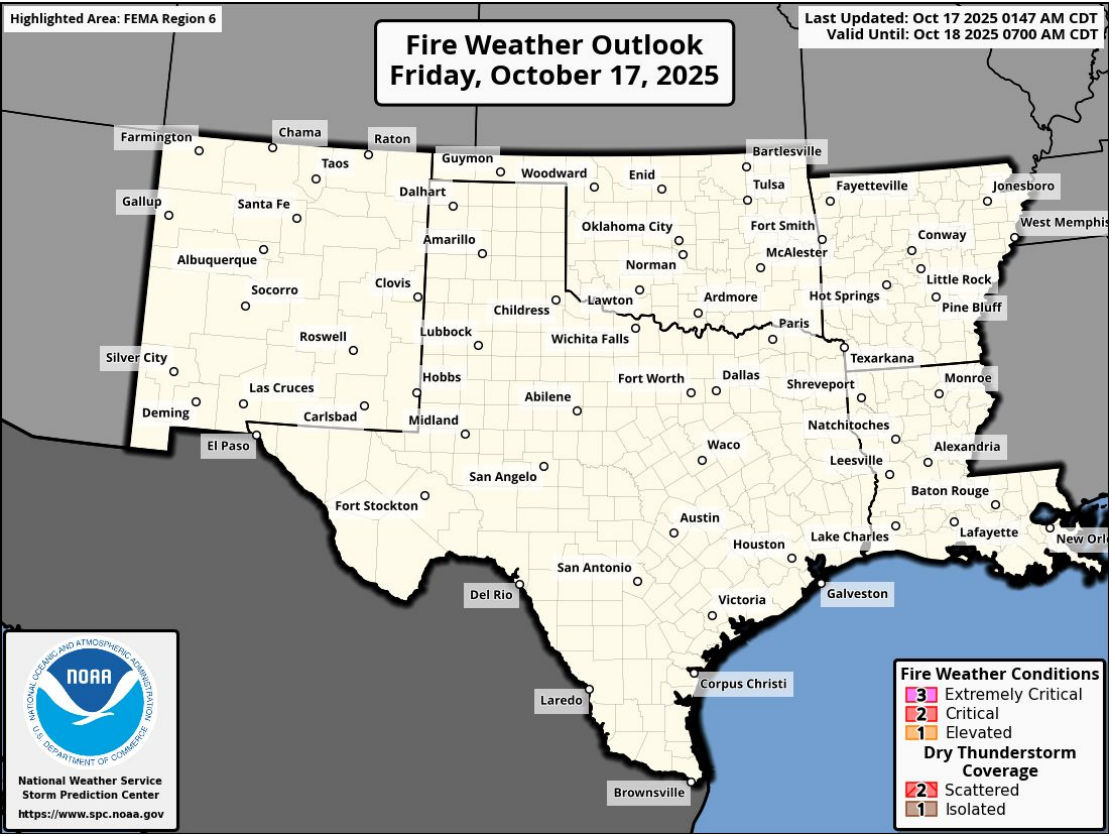
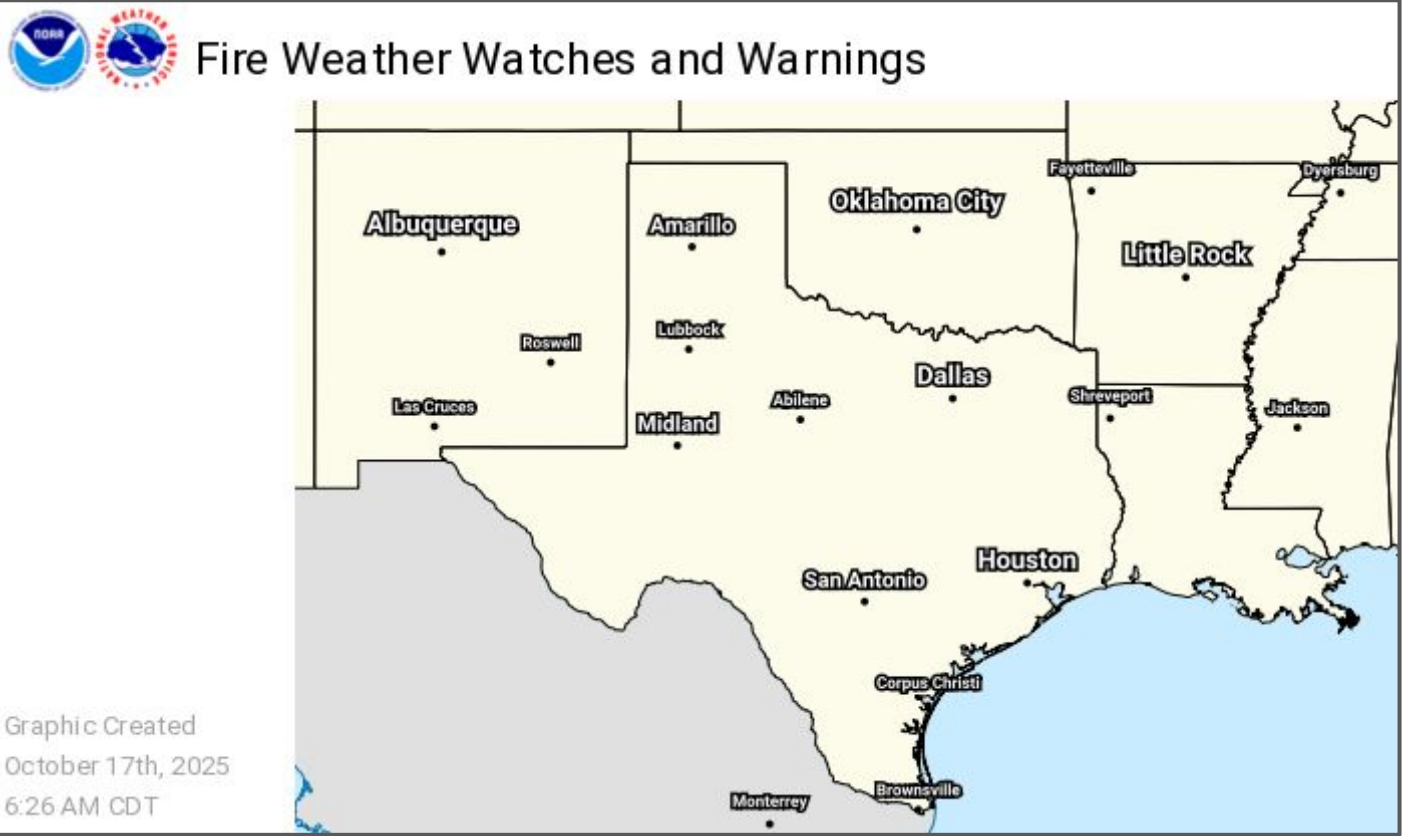


Today's Tornado & Severe Wind / Hail Probabilities



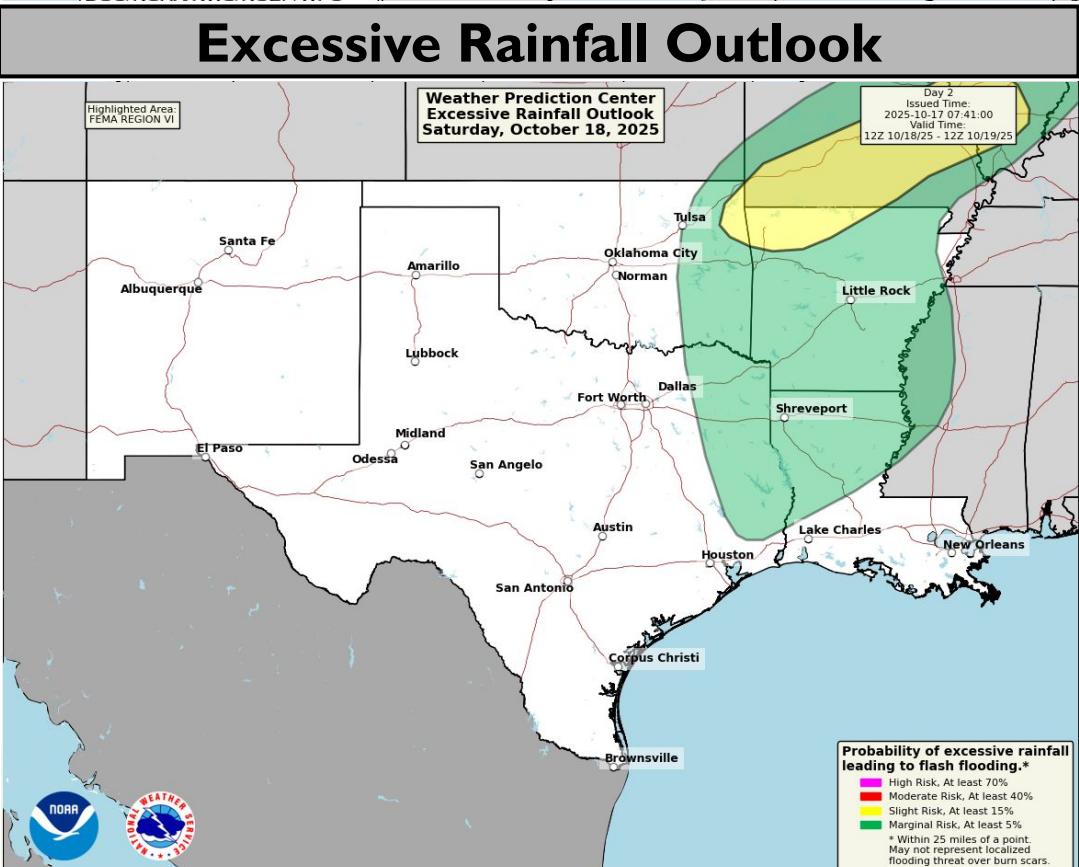
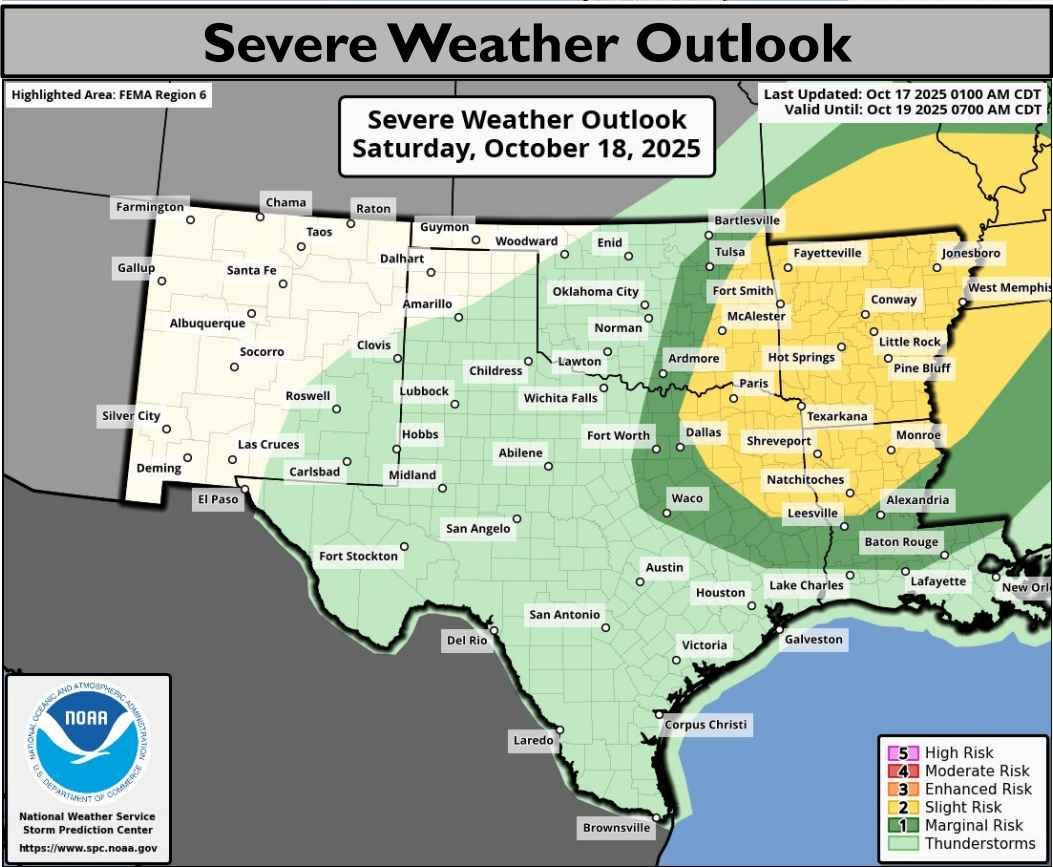
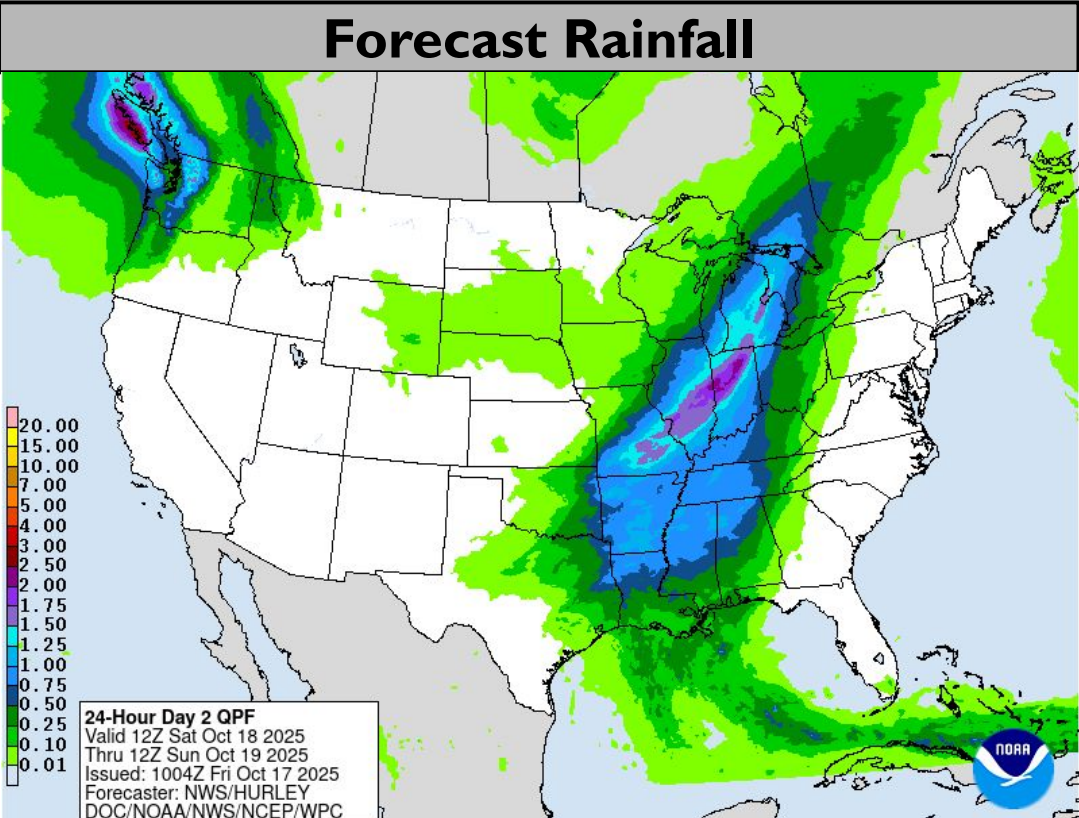
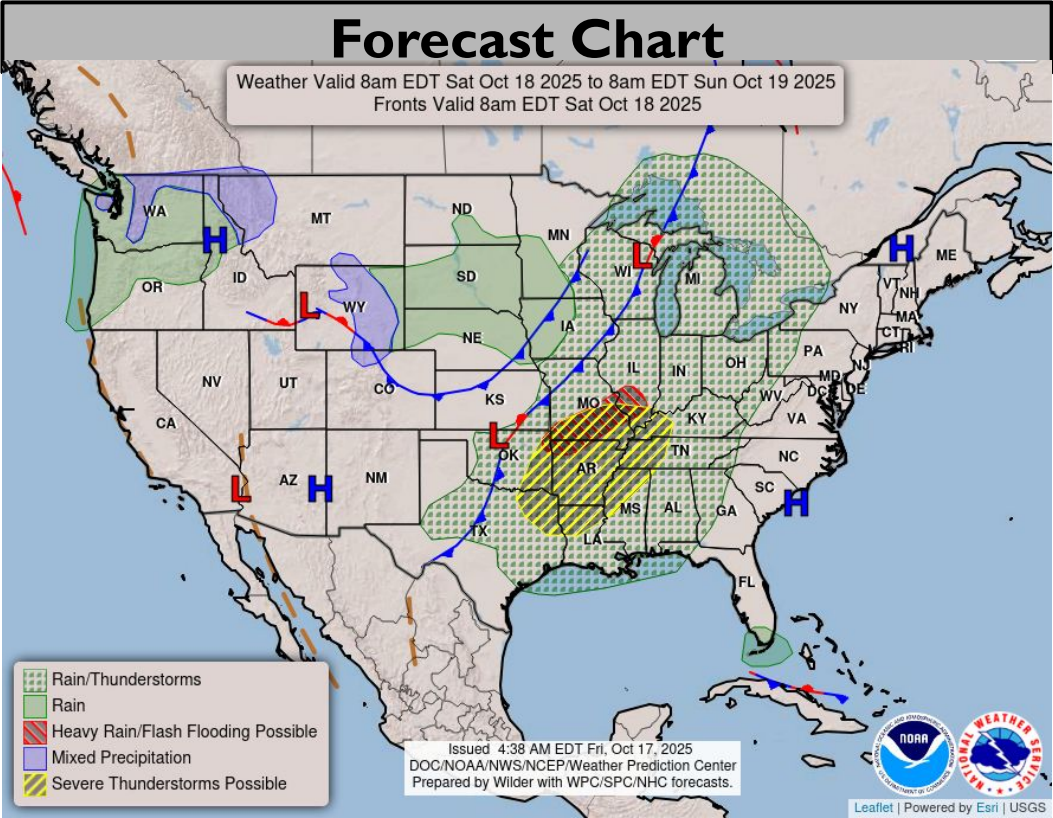


Fire Weather Outlooks





Tomorrow's Weather



Slight risk (level 2 of 5) for severe storms over E OK, AR, NE TX, N LA mid afternoon to around midnight.

Wind and hail are the primary threats, with a conditional tornado threat for mainly quick spin-up tornadoes embedded in the line of storms across AR.

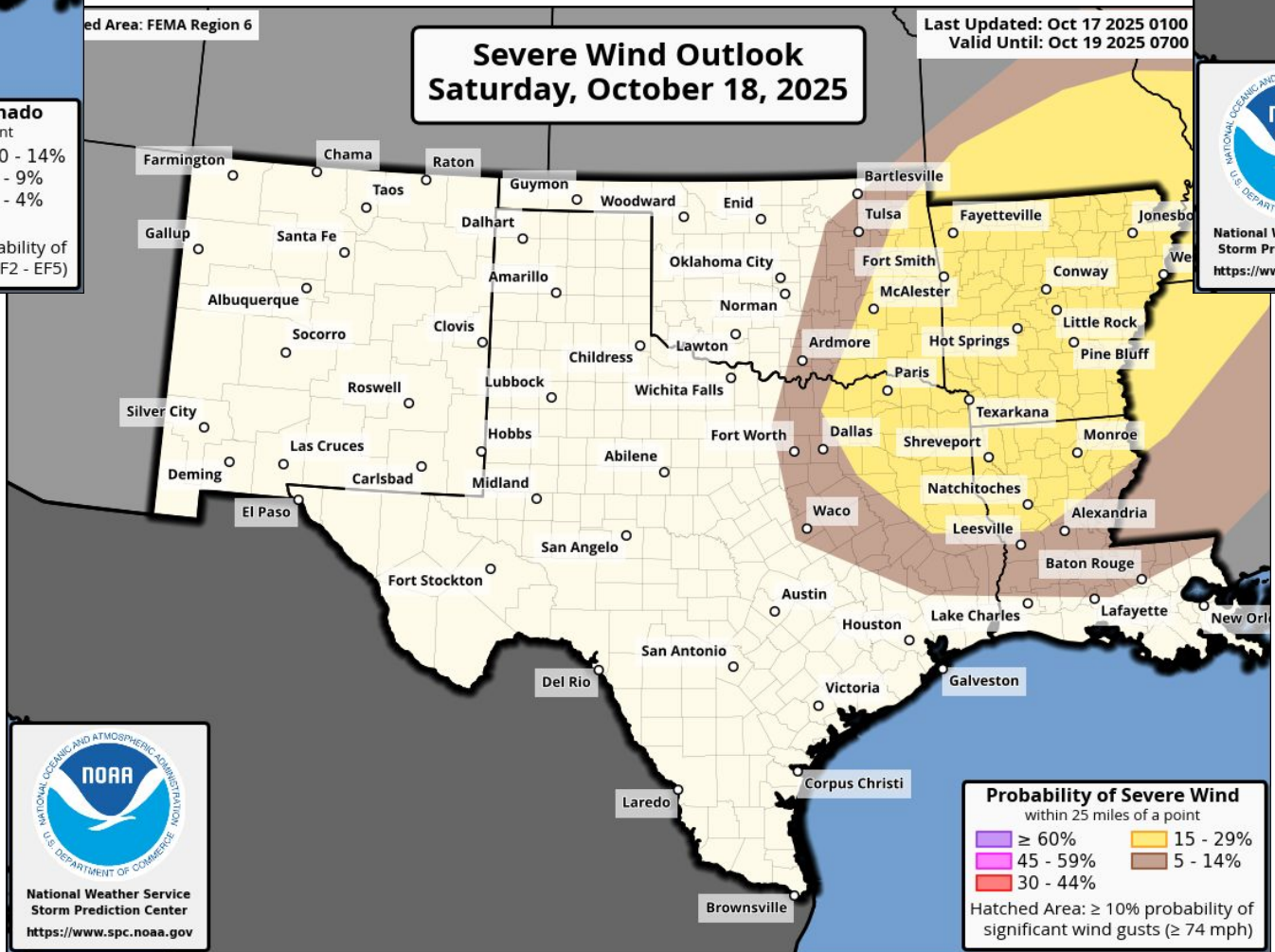
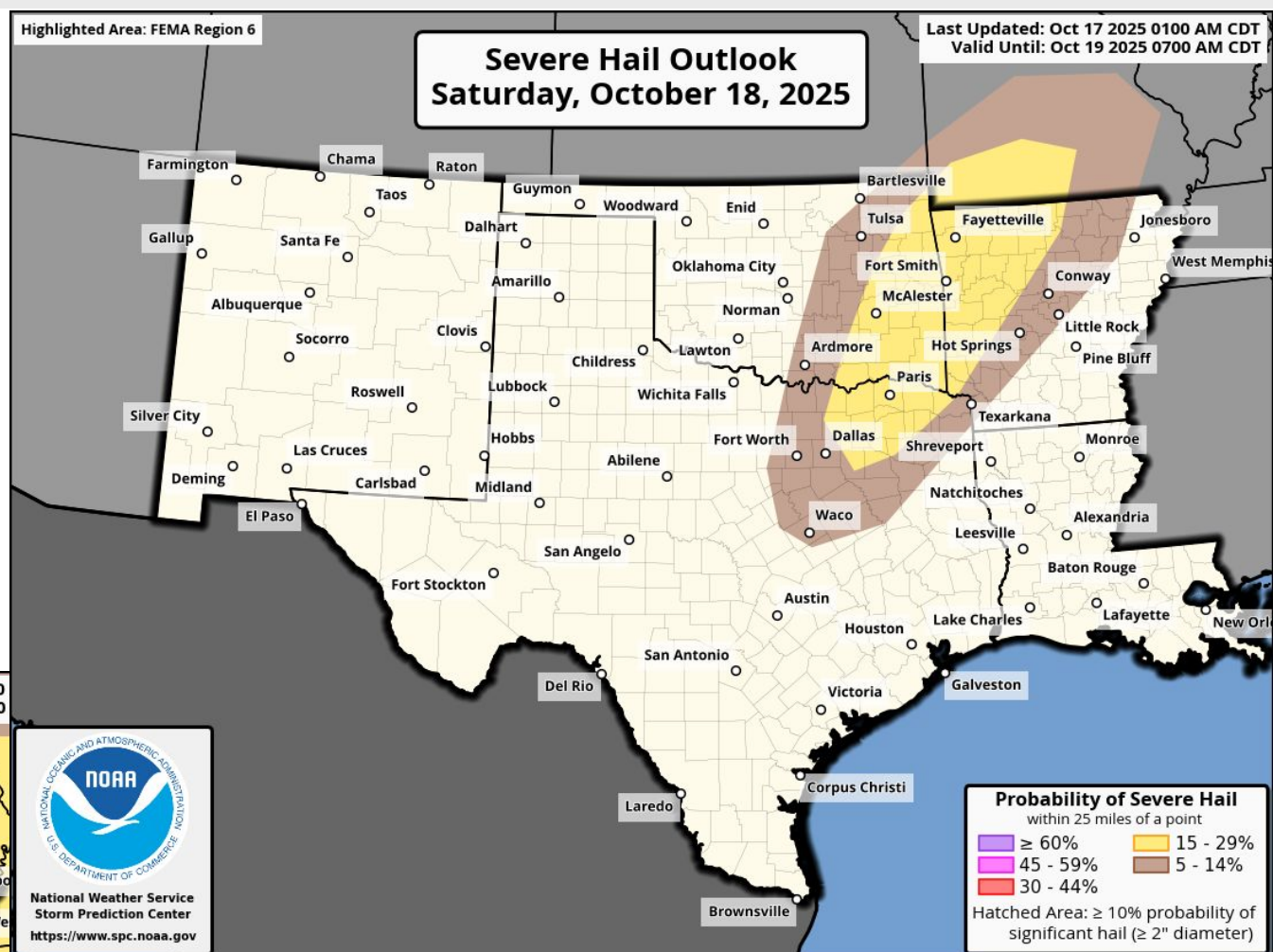
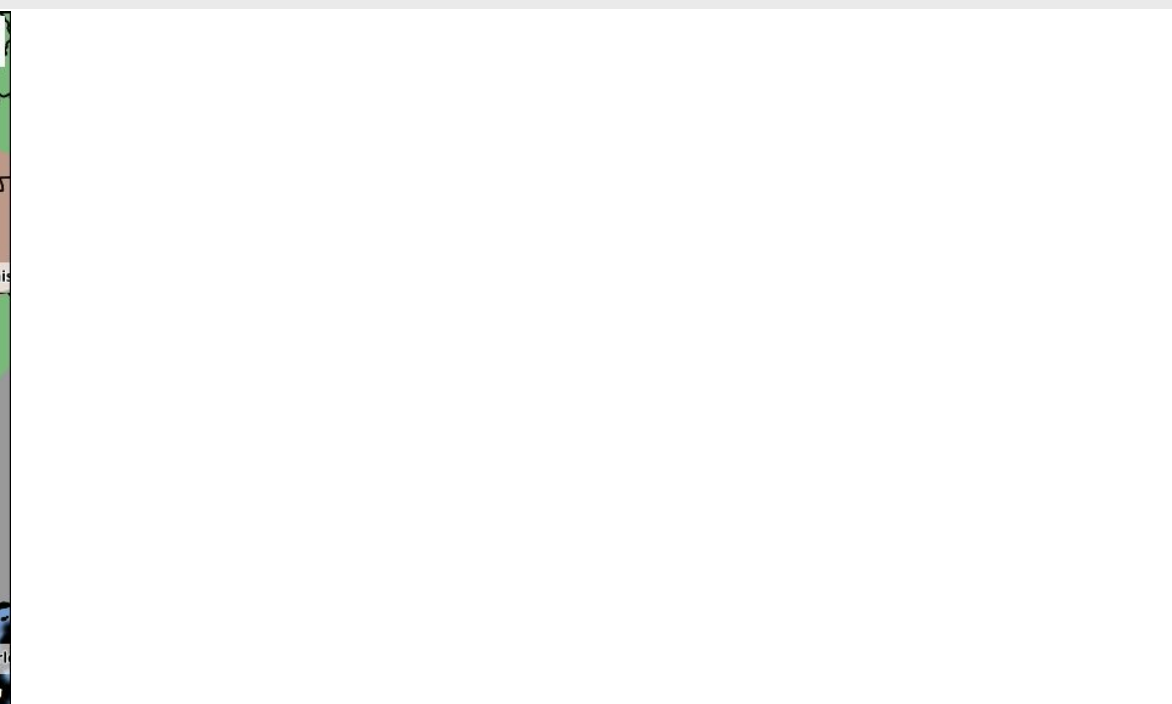
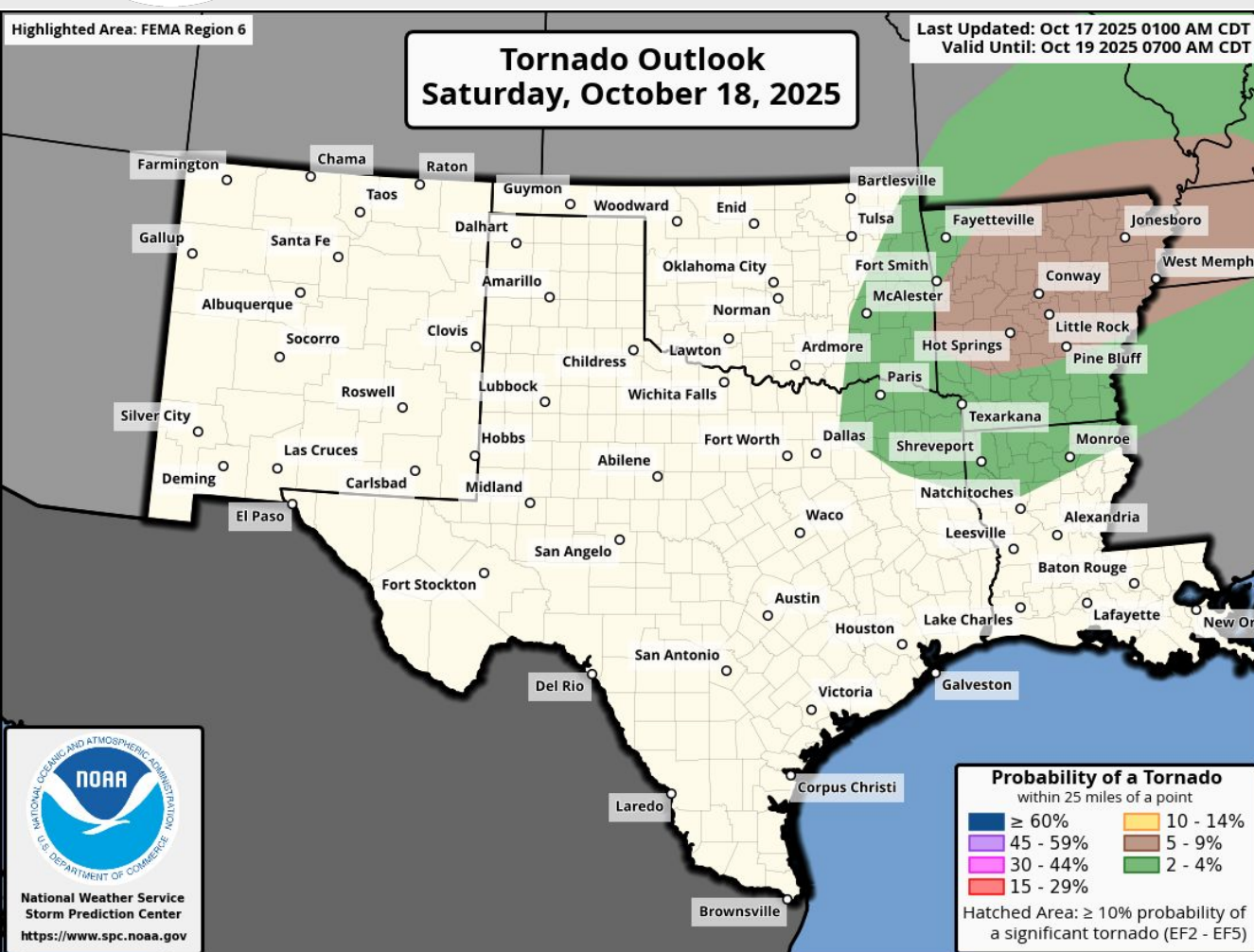
Slight risk (level 2 of 4) for flash flooding in NE OK and N AR.

Elevated risk (level 1 of 3) for fire weather concerns on Saturday in NW TX, SW OK





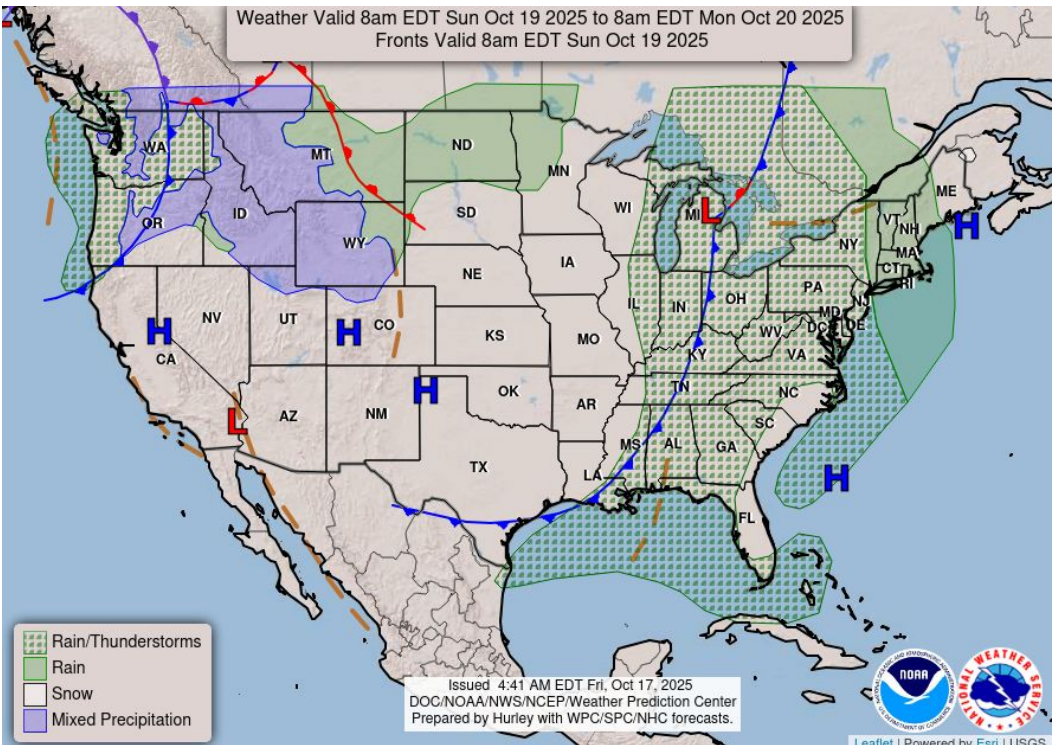
Tomorrow's Tornado & Severe Wind / Hail Probabilities



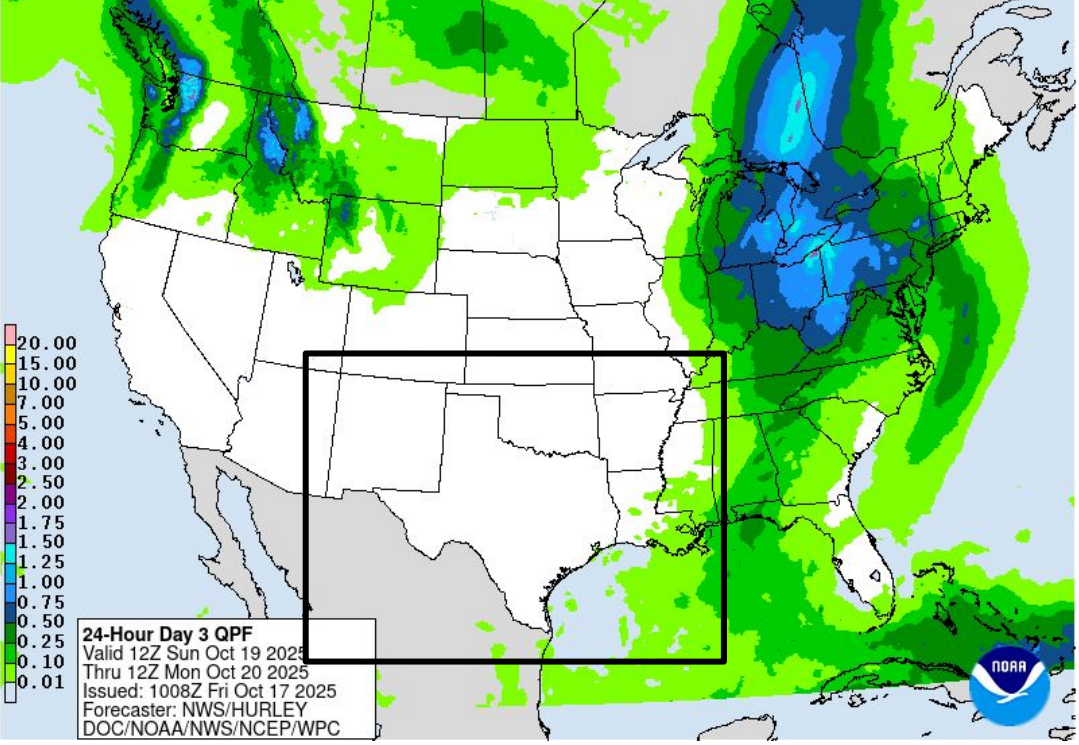


Sunday's Weather

Forecast Chart

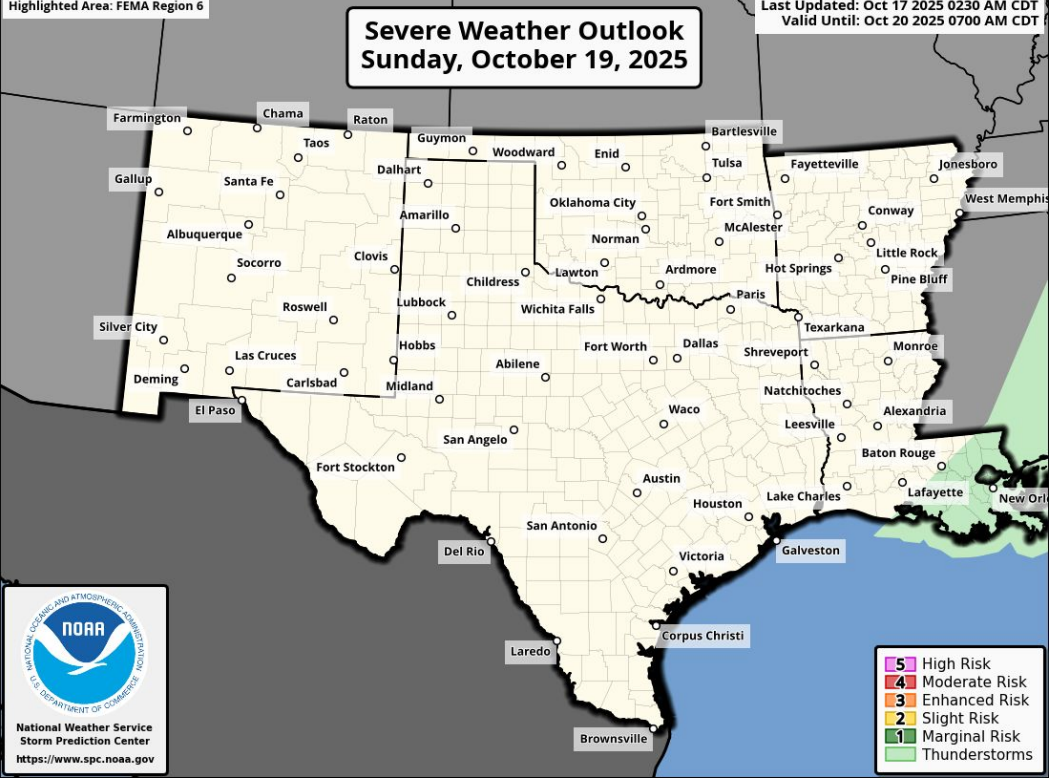


Forecast Rainfall

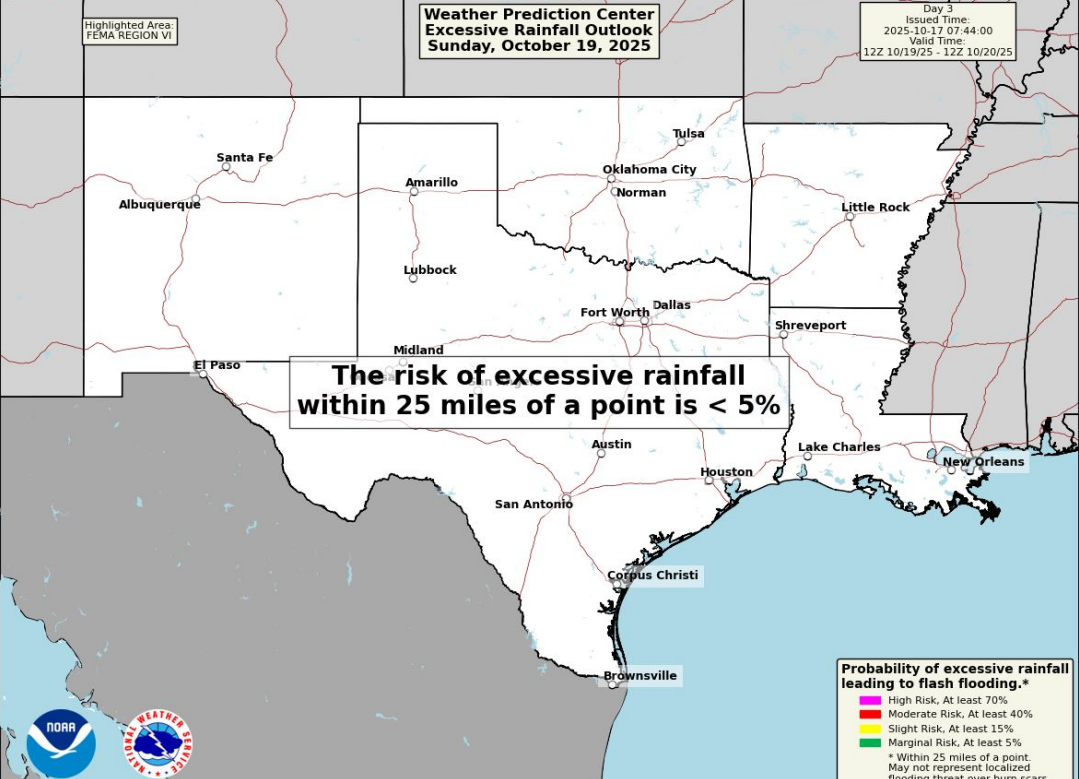


No significant weather expected.

Severe Weather Outlook



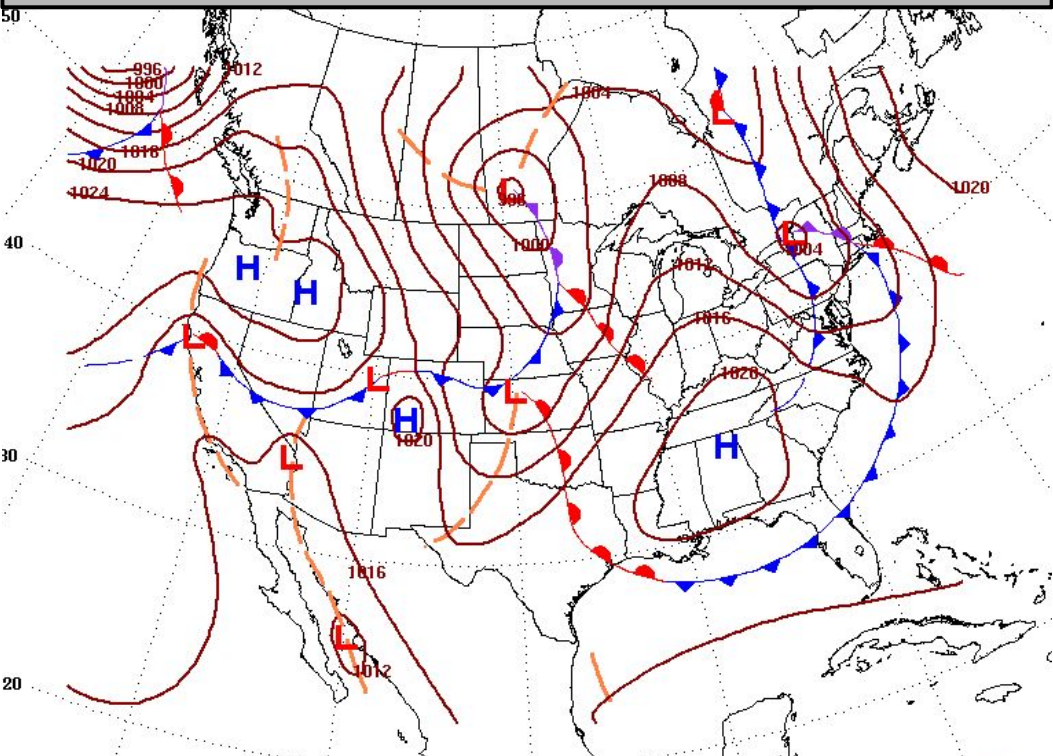
Excessive Rainfall Outlook



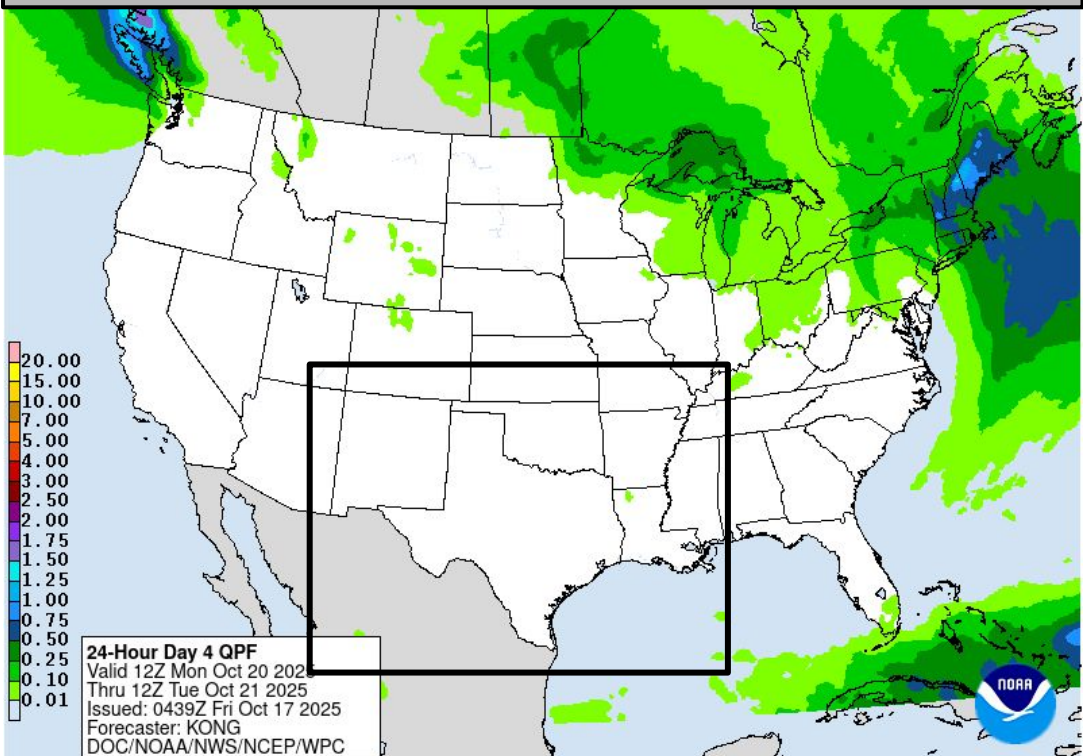


Monday's Weather

Forecast Chart

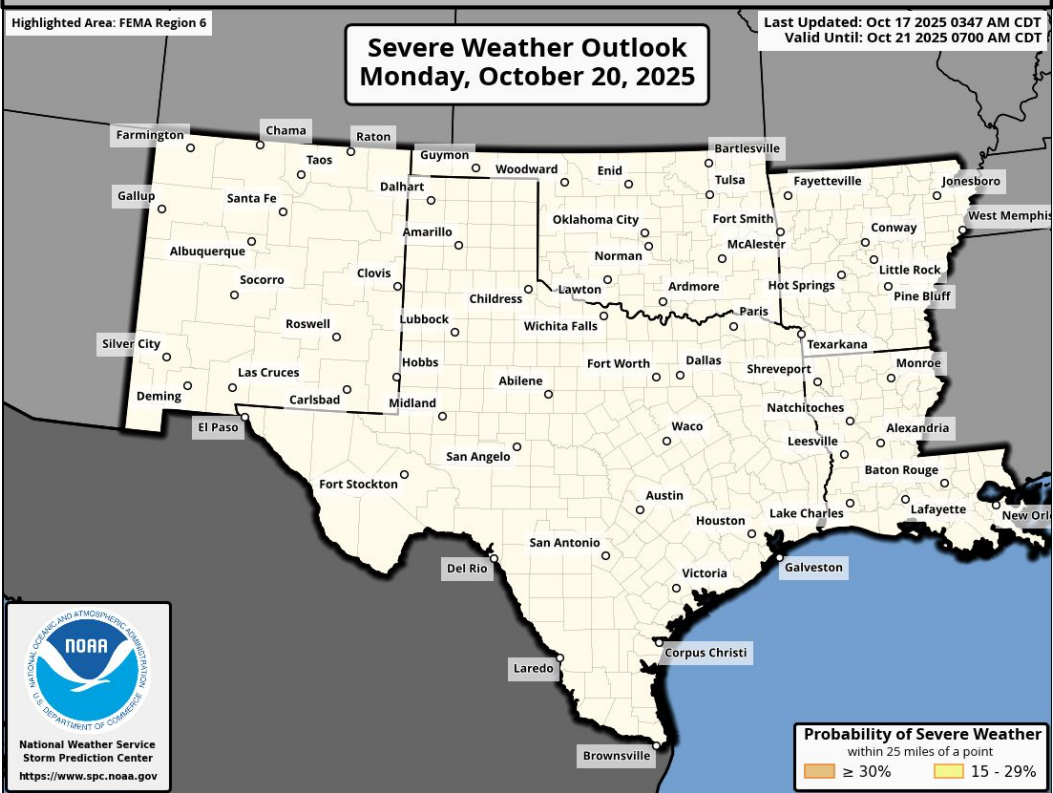


Forecast Rainfall

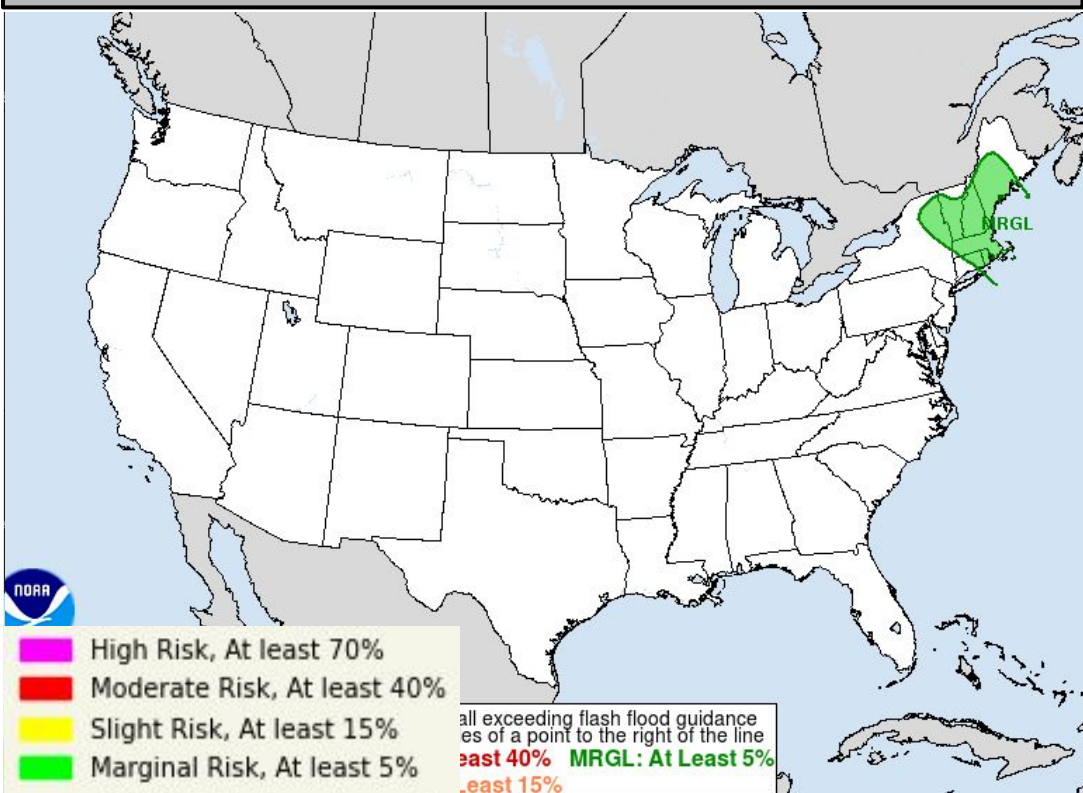


Wind gusts to 30-35 mph and low relative humidity will increase the wildfire threat on Monday over much of OK and N/NW/CTX.

Severe Weather Outlook



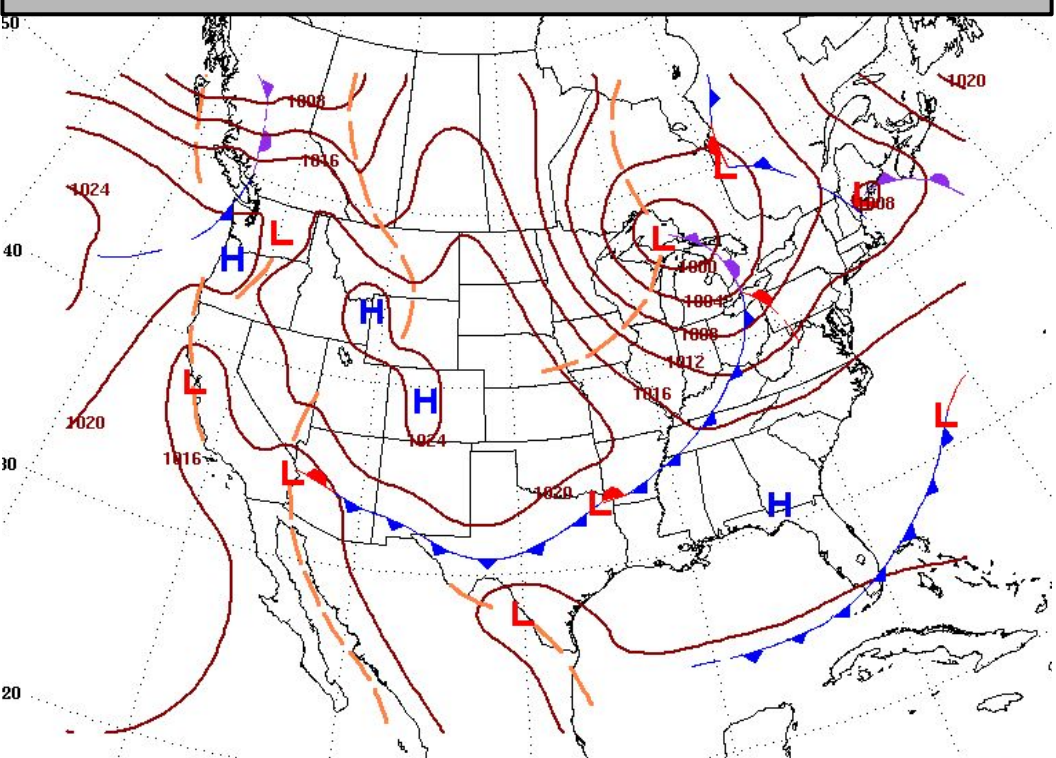
Excessive Rainfall Outlook



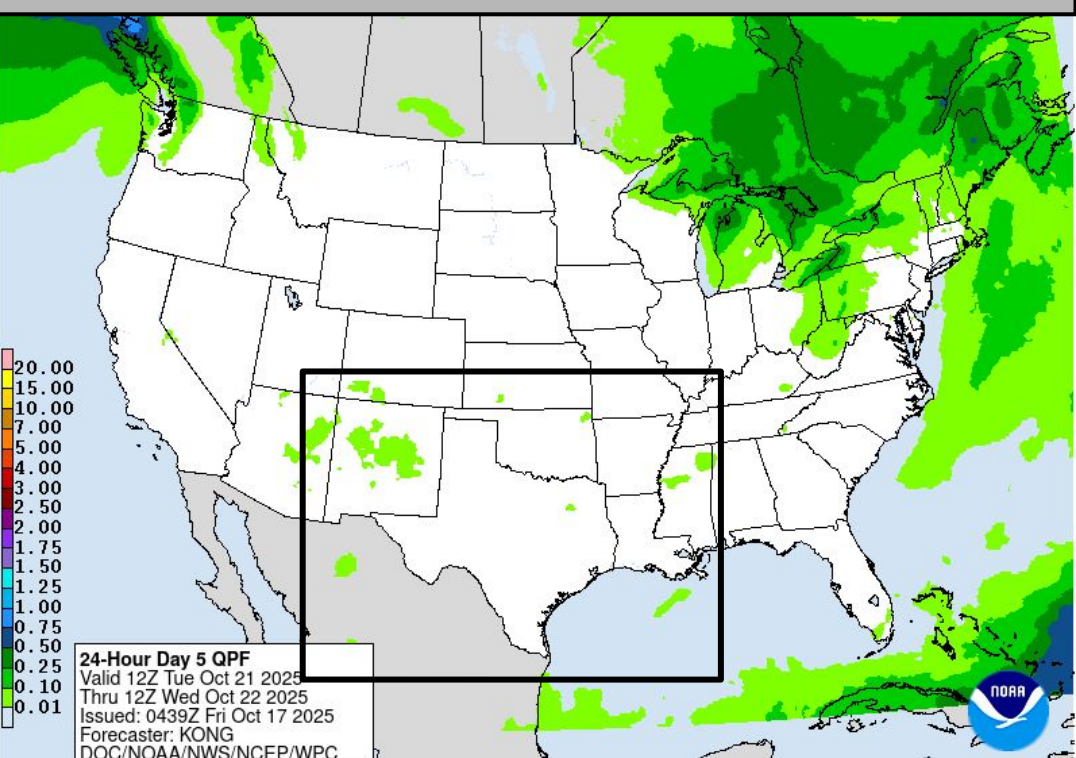


Tuesday's Weather

Forecast Chart

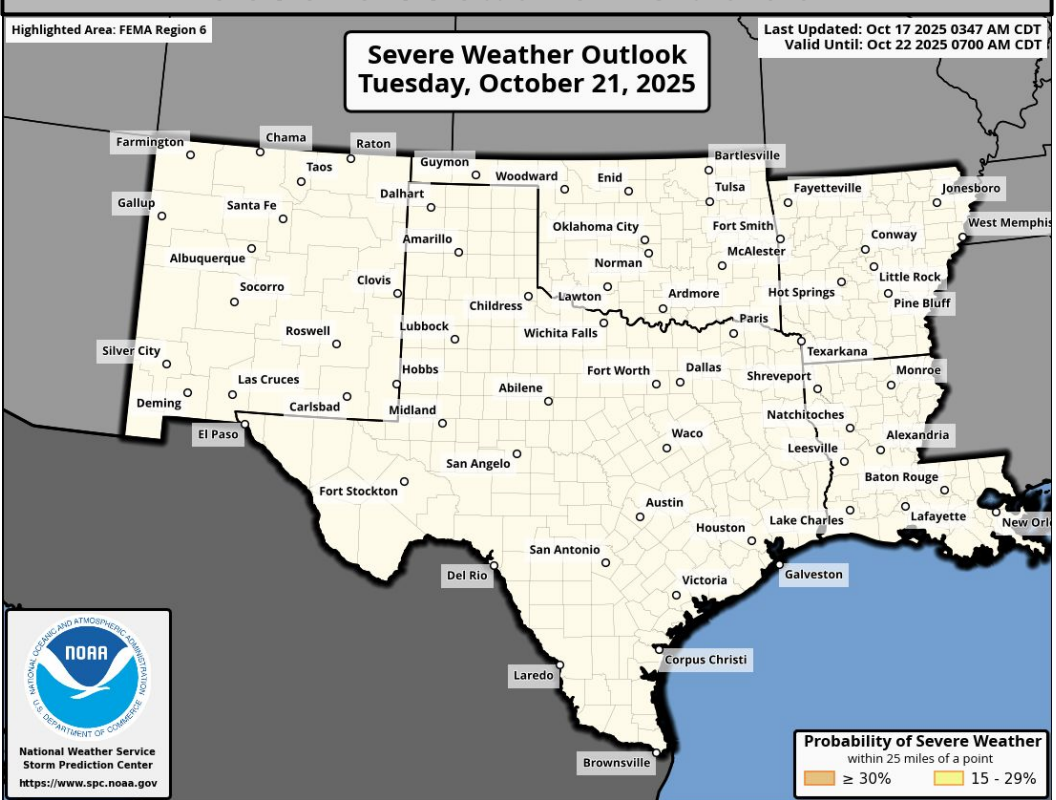


Forecast Rainfall

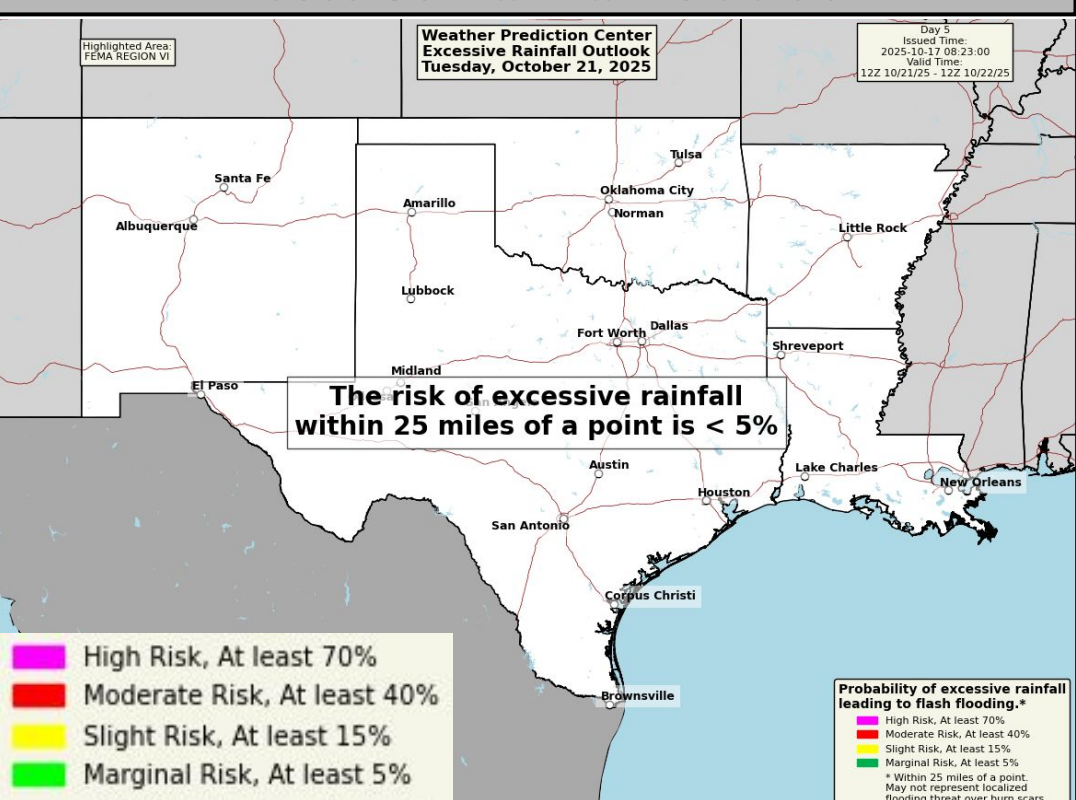


No significant weather expected.

Severe Weather Outlook



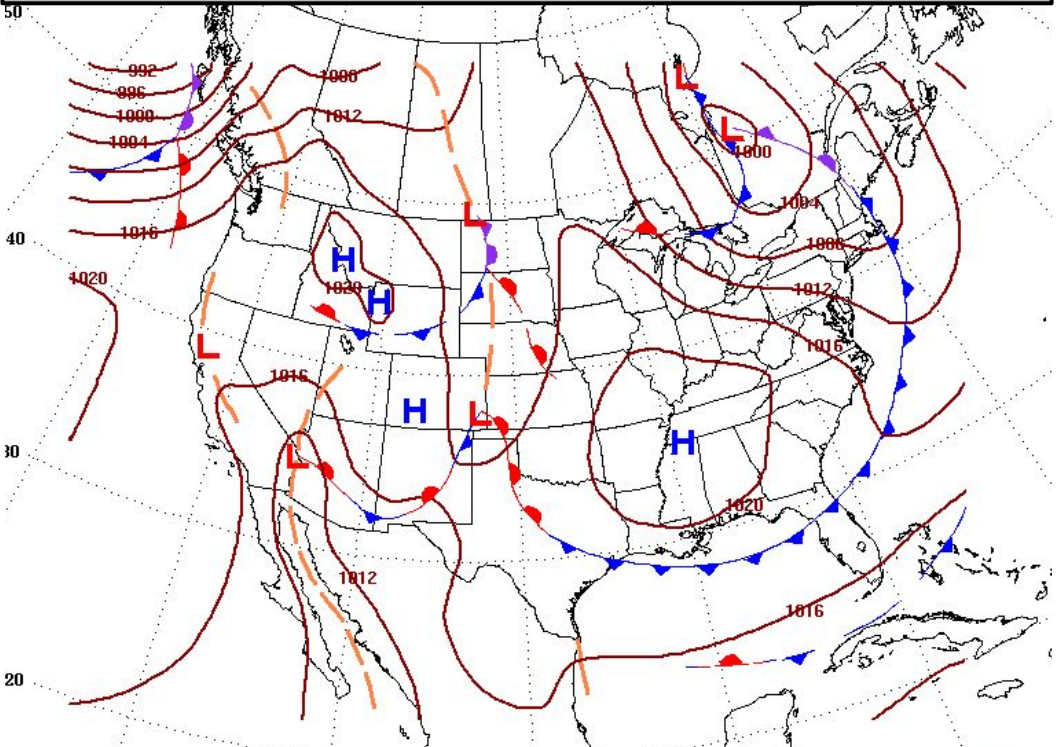
Excessive Rainfall Outlook



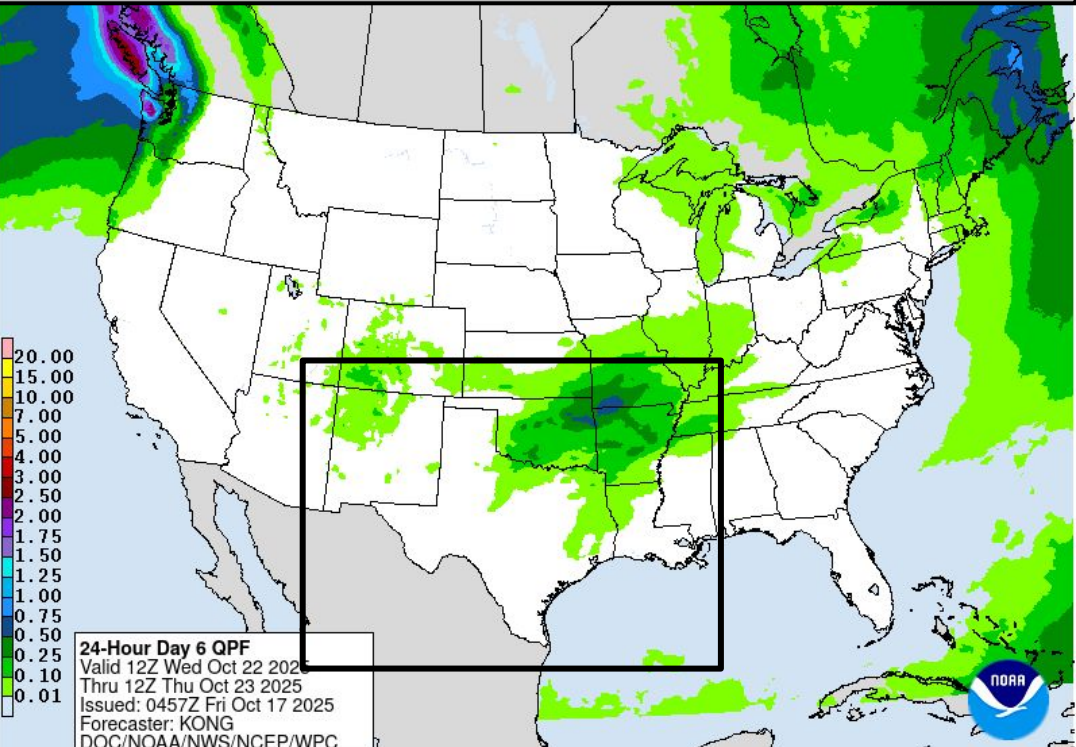


Wednesday's Weather

Forecast Chart

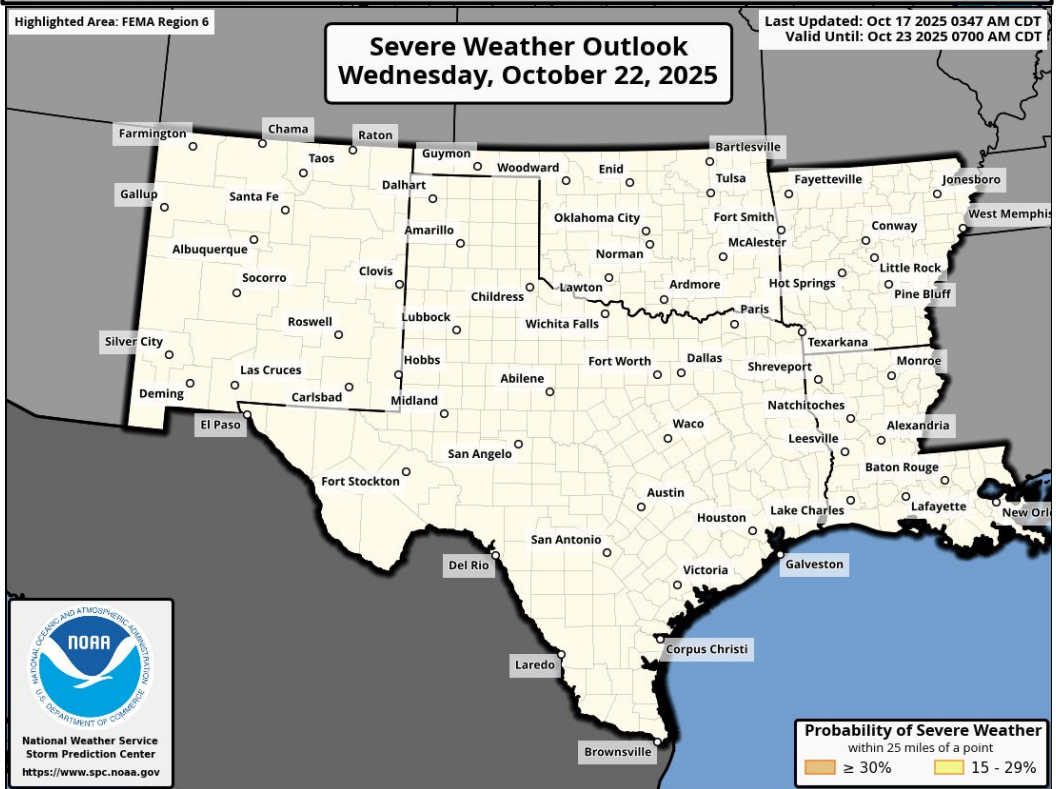


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



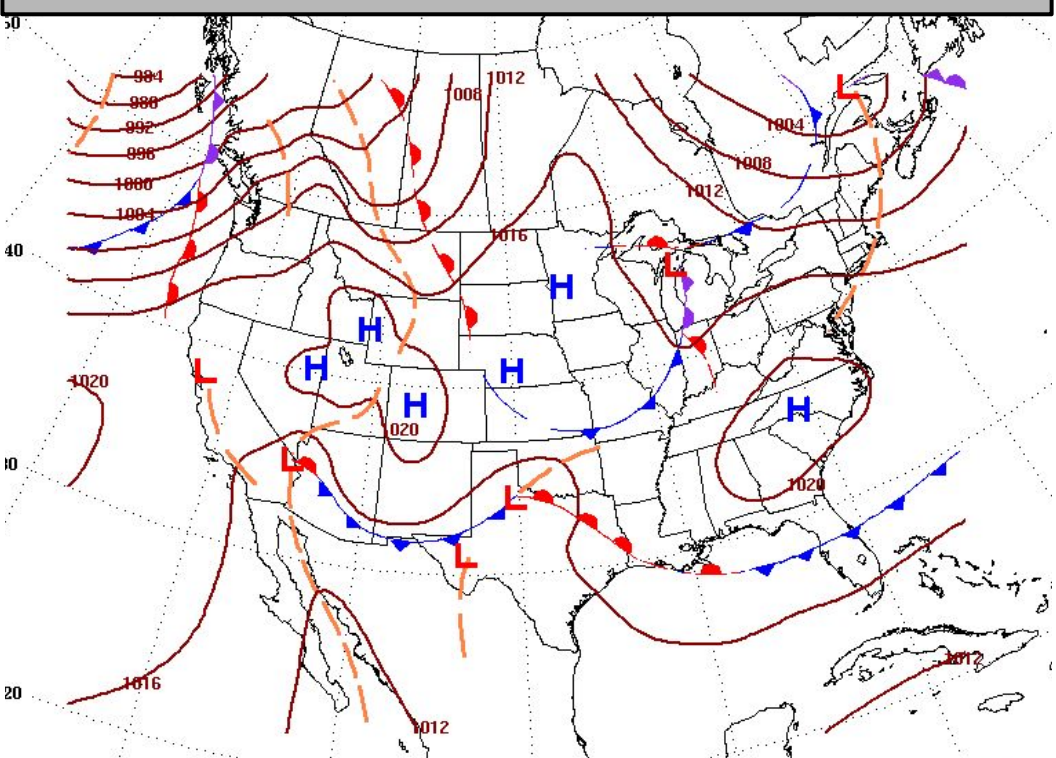
Excessive Rainfall Outlooks
not available beyond Day 5



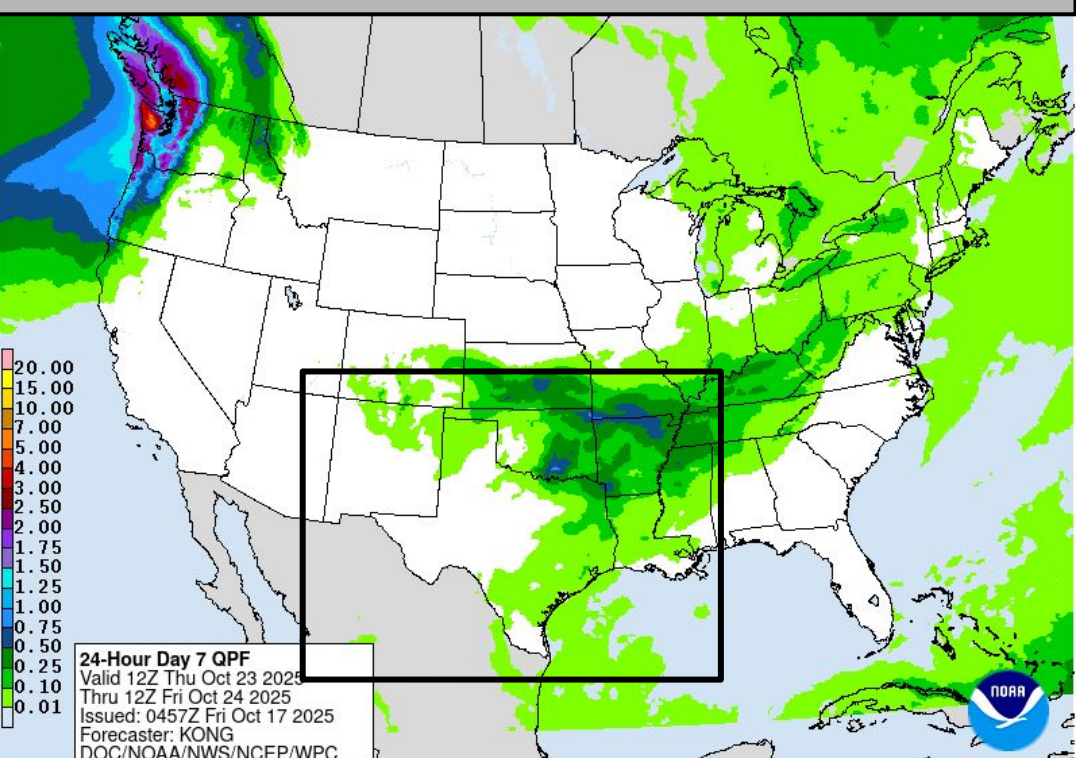


Thursday's Weather

Forecast Chart

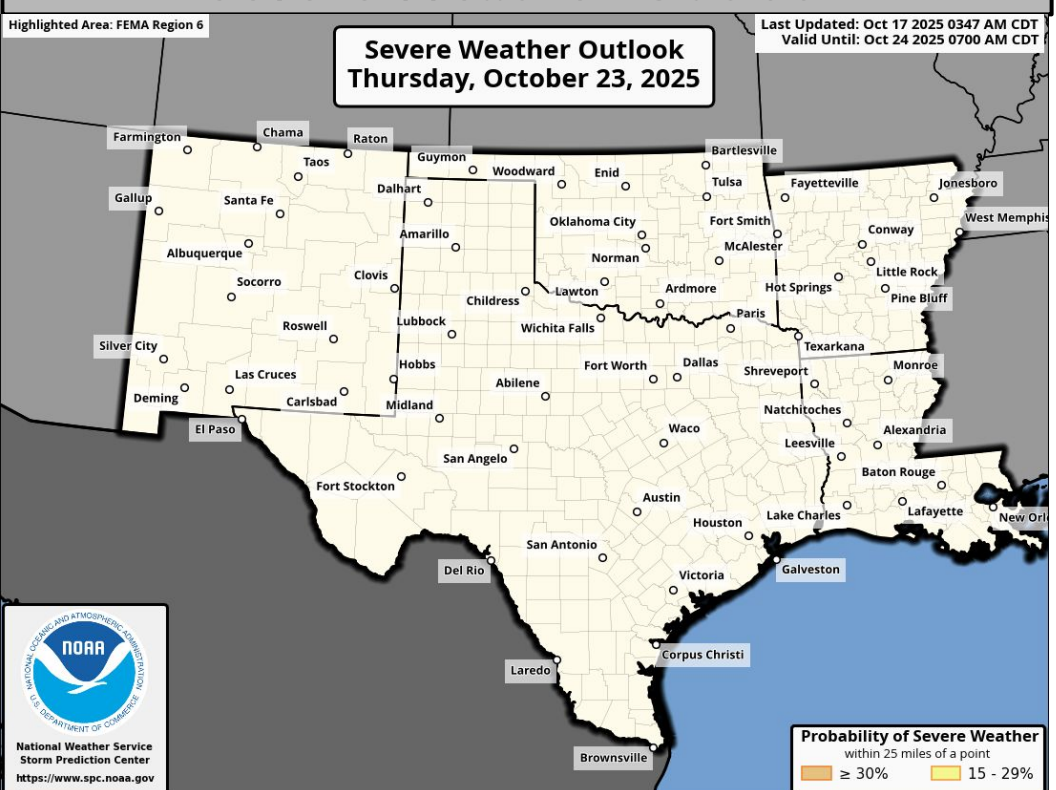


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook

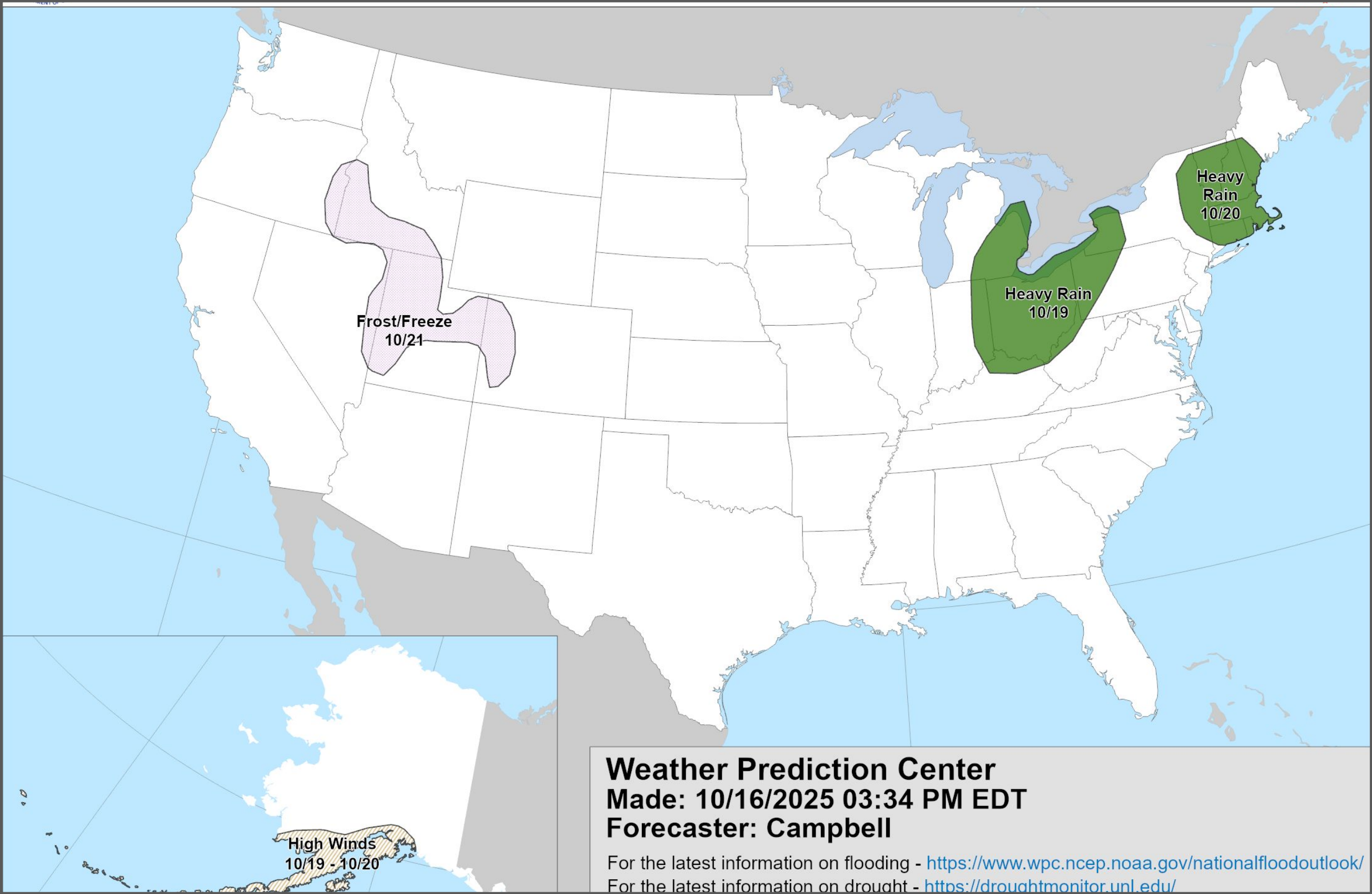


Excessive Rainfall Outlooks
not available beyond Day 5



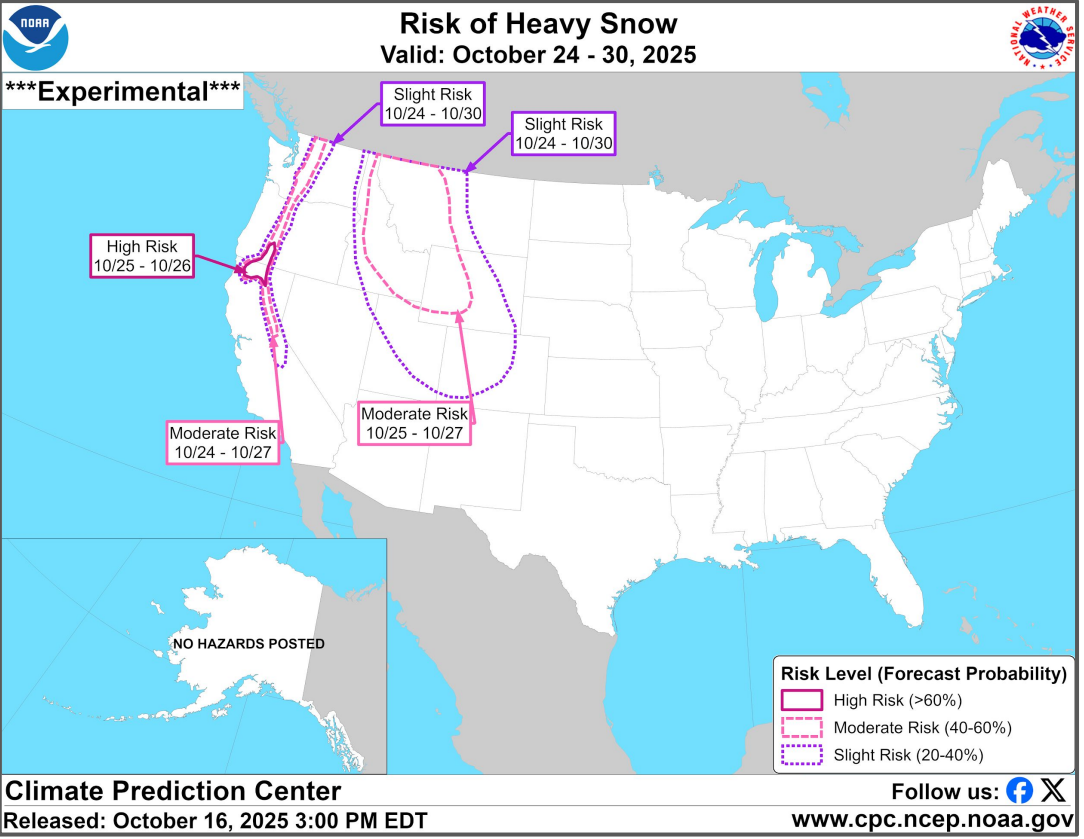
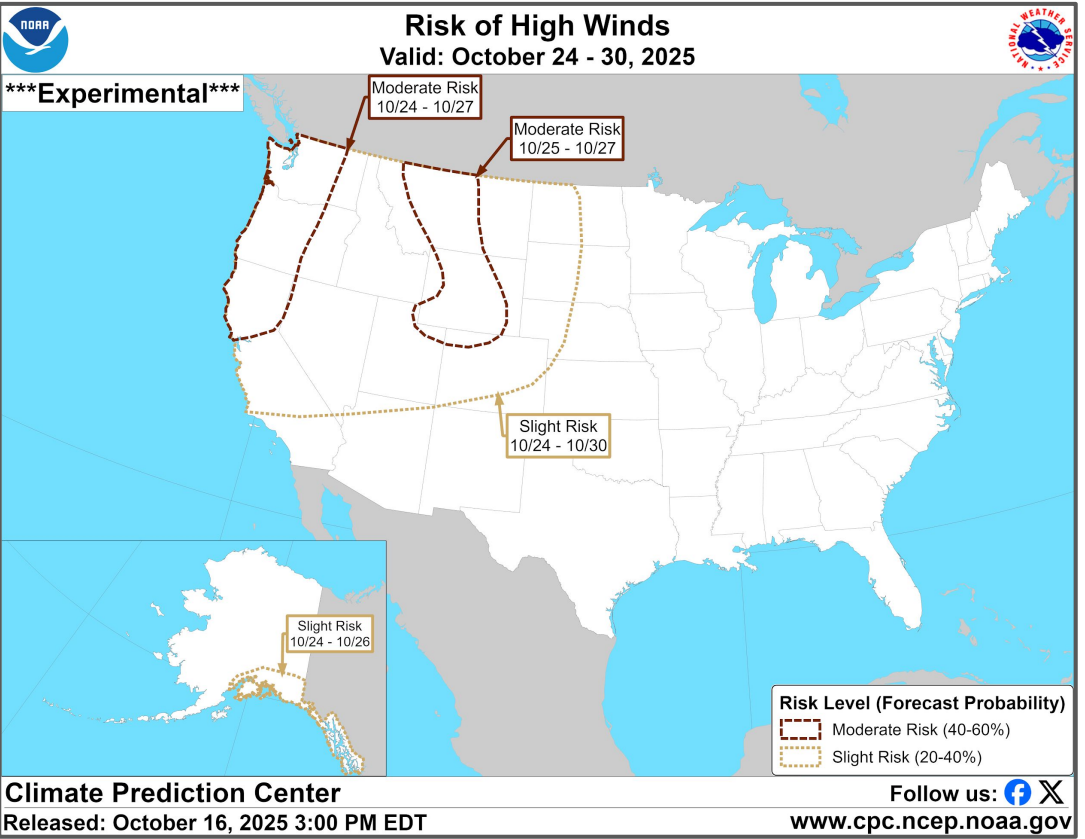
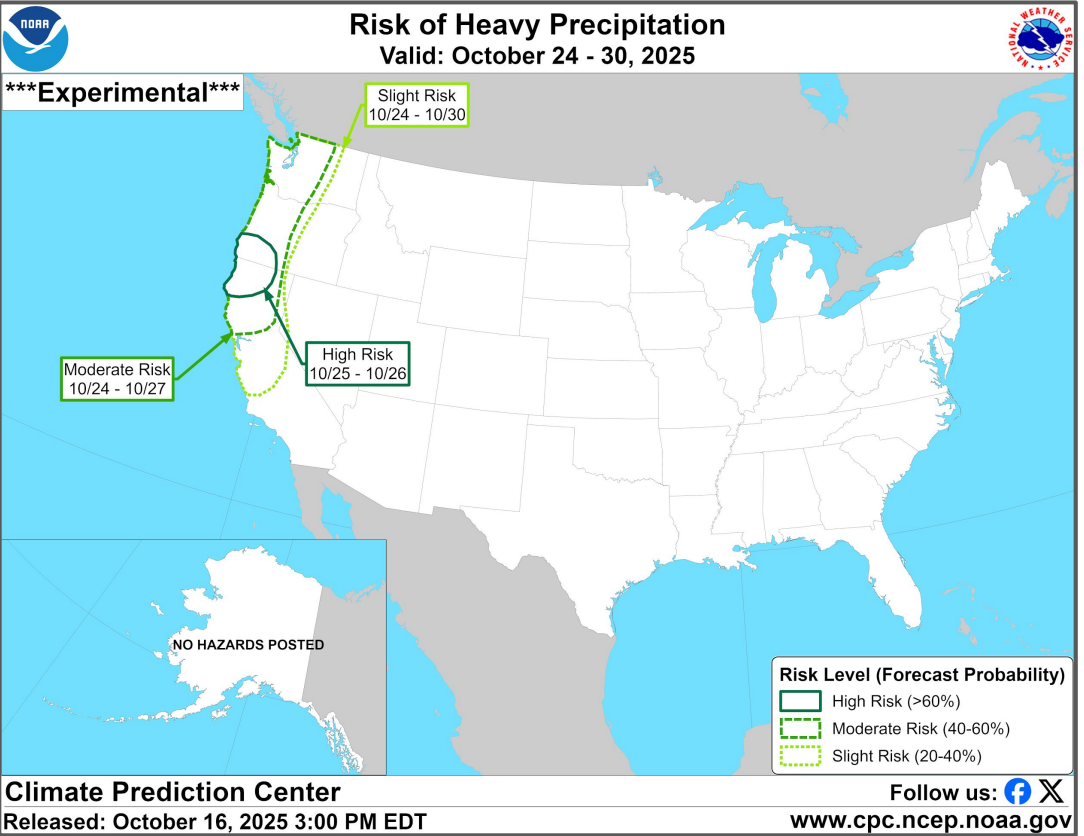
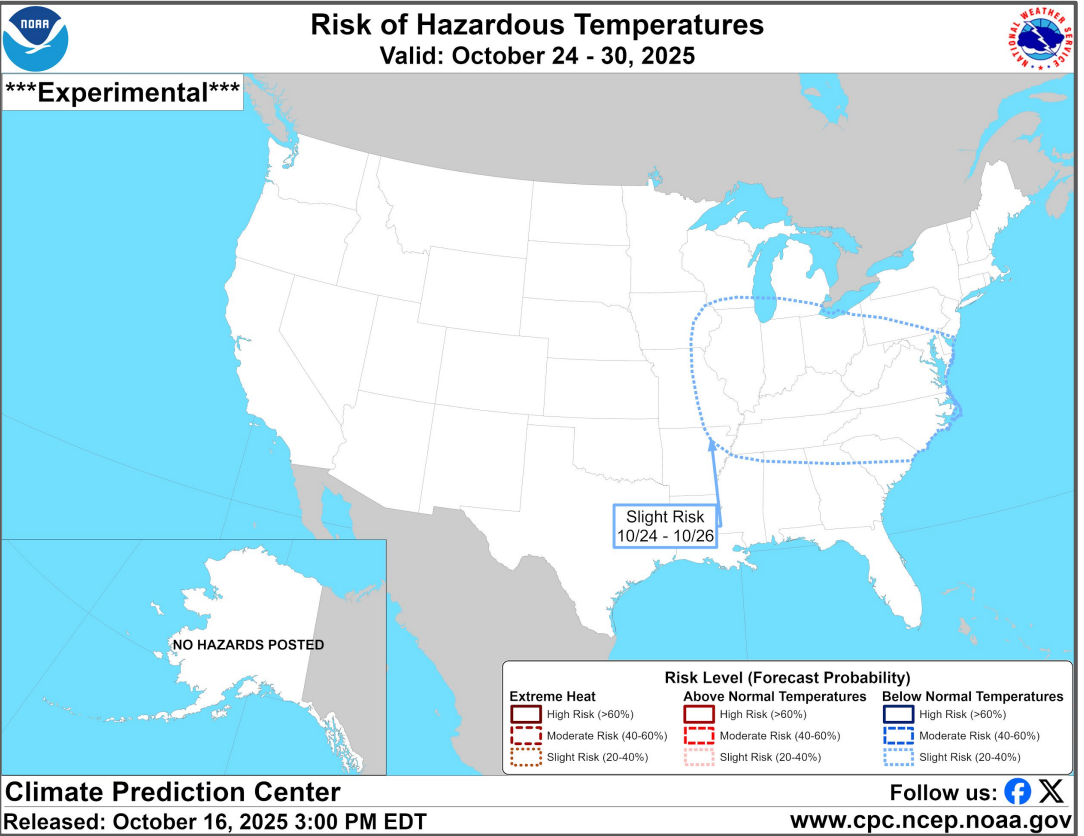
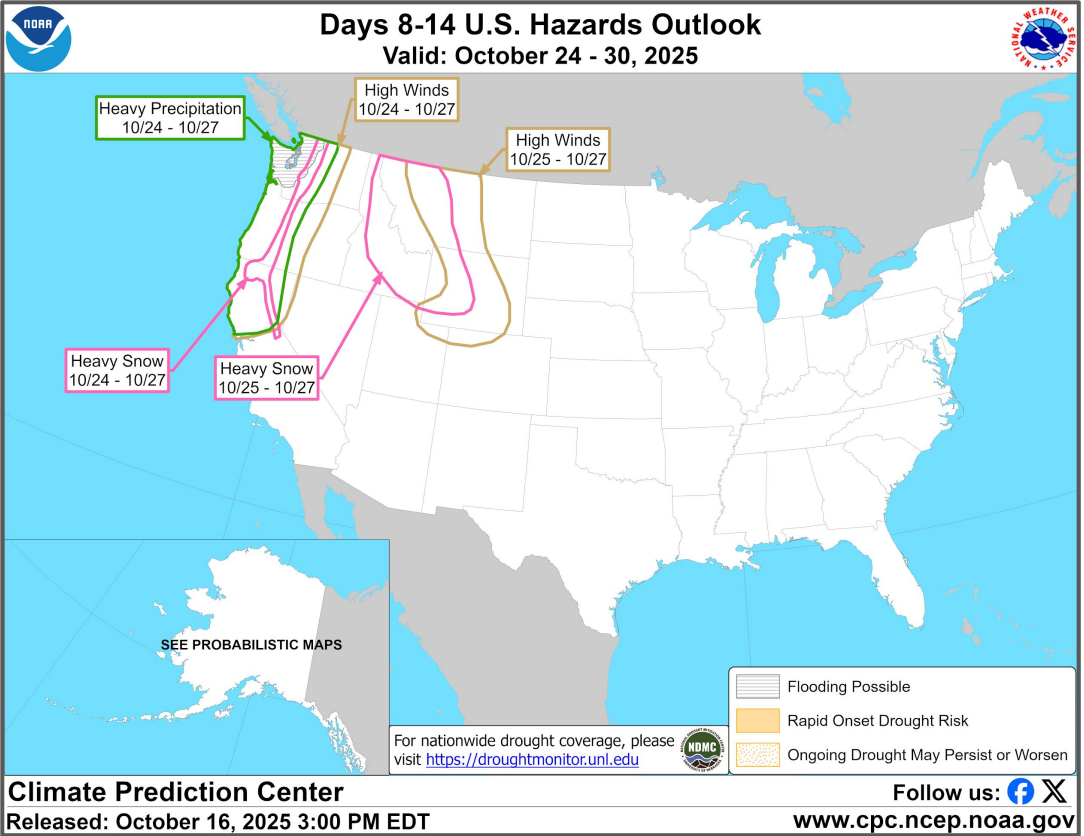


“Day 3-7” Hazards Outlook





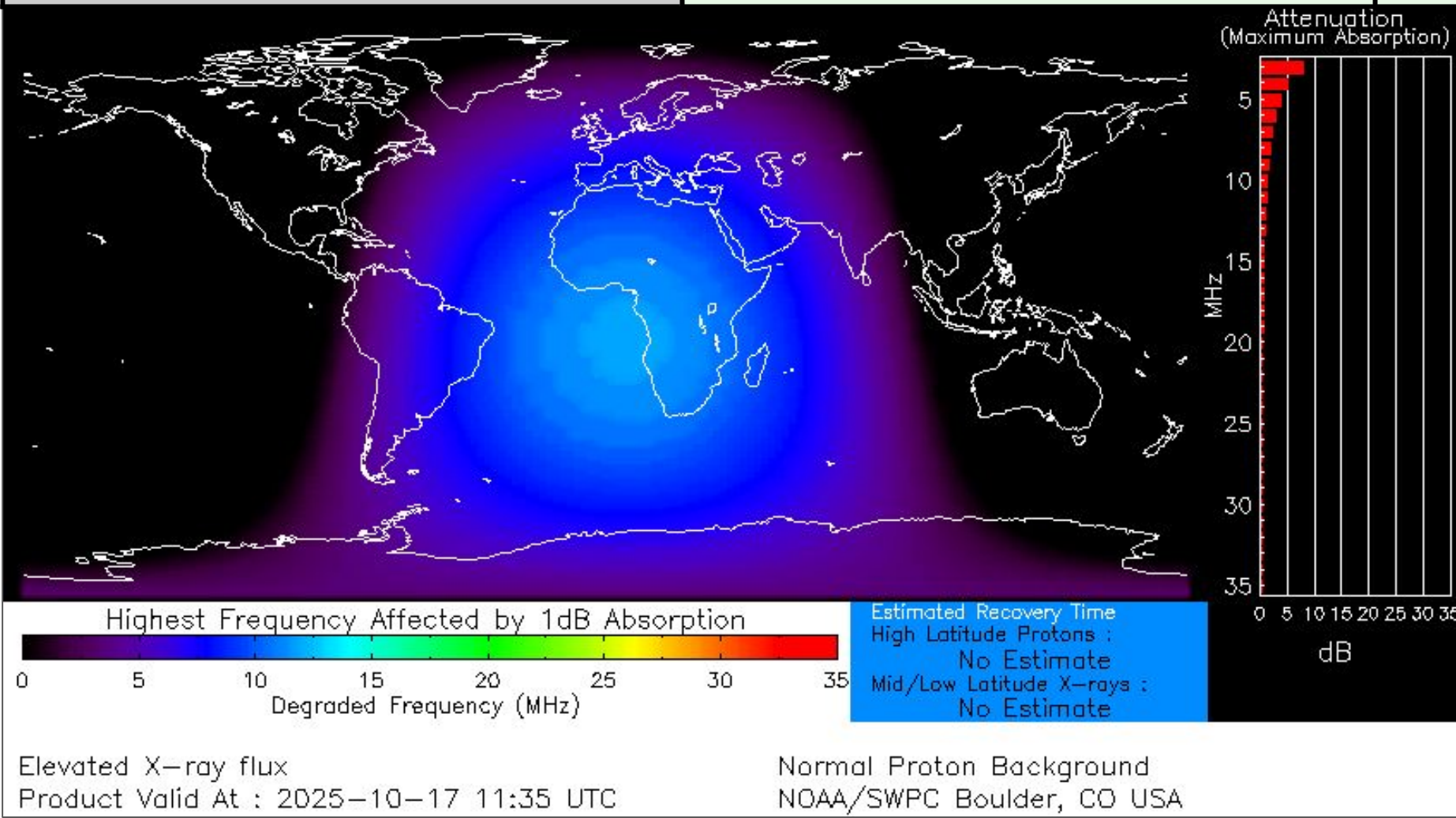
“Day 8-14” Hazards Outlook





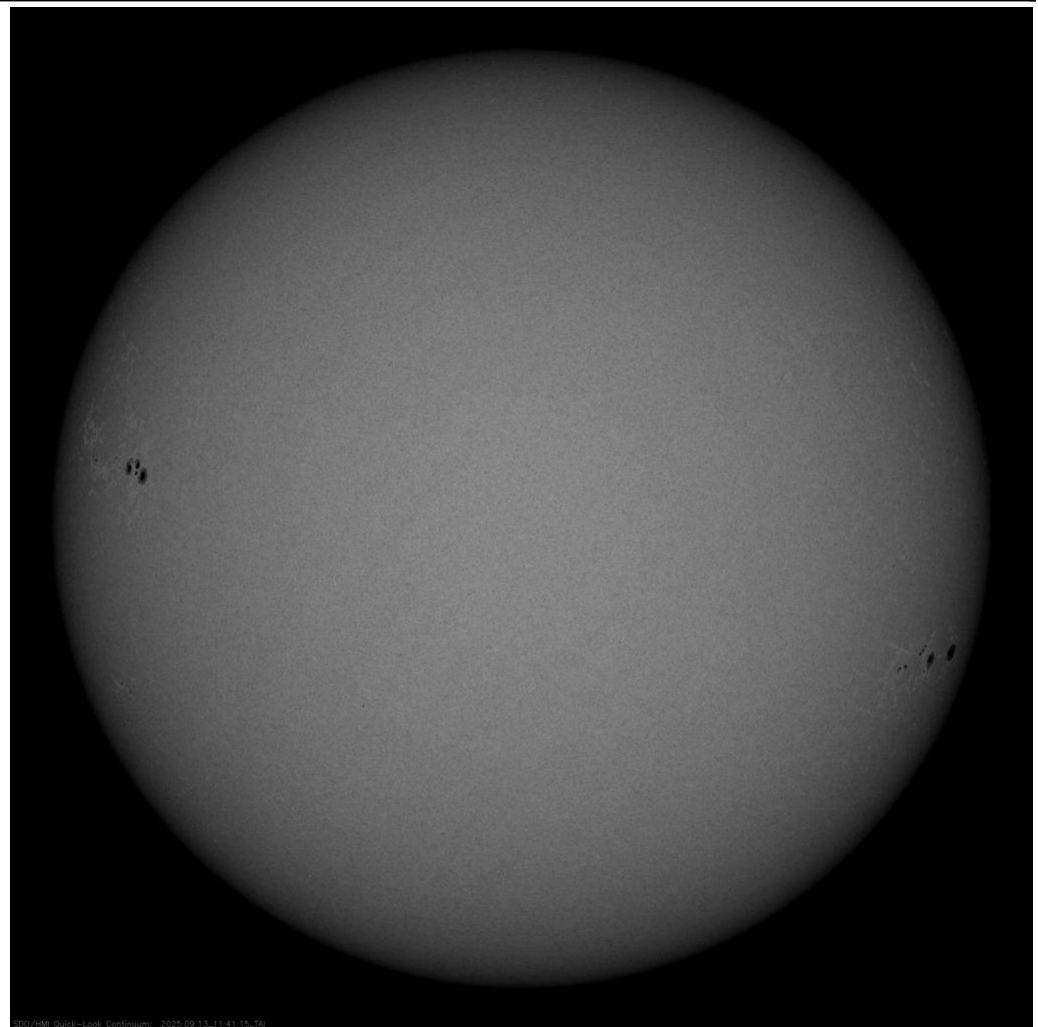
Space Weather 3-Day Forecast

	Friday, Oct 17	Saturday, Oct 18	Sunday, Oct 19
Geomagnetic Storms	Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	10%	10%	5%
Radio Blackout (R1-R2)	60%	60%	40%
Radio Blackout (R3-R5)	15%	15%	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	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	- 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	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	- 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	- 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	- 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



Phone: (682) 703-3747



Facebook: NWSSouthern



E-mail: sr-srh.roc@noaa.gov



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Web: www.weather.gov/srh

