FEMA

Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Monday, October 20, 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

- **Fire Weather:**
  - Elevated to critical (levels 1-2 of 3) over W OK and the Panhandle/W/NW/C TX today. Behind the front Tuesday will bring elevated conditions to N/N-C TX.

- **Flash Flooding:**
  - Marginal risk (level 1 of 4) on Thursday across OK, NW AR, and then on Friday across E OK, E TX, AR, NW LA, and on Saturday across AR, LA.

- **Tropical Weather:**
  - An area in the Eastern Pacific has a medium (50%) of formation in the next 7 days. No FEMA 6 impacts are expected in the next week.
  - An area in the tropical Atlantic has a high (70%) of formation in the next 7 days. At this point, models indicate no FEMA 6 impacts are expected.

FEMA Region 6 Threat Matrix

Next 7 days

	Monday, Oct 20	Tuesday, Oct 21	Wednesday, Oct 22	Thursday, Oct 23	Friday, Oct 24	Saturday, Oct 25	Sunday, Oct 26
Severe Storms							
Heavy Rain / Flash Flooding				OK, NW AR	E OK, E TX, AR, NW LA	AR, LA	
Tropical							
Fire Weather	W OK, Panhandle/W/N W/C TX	N/N-C TX					
River Flooding							

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

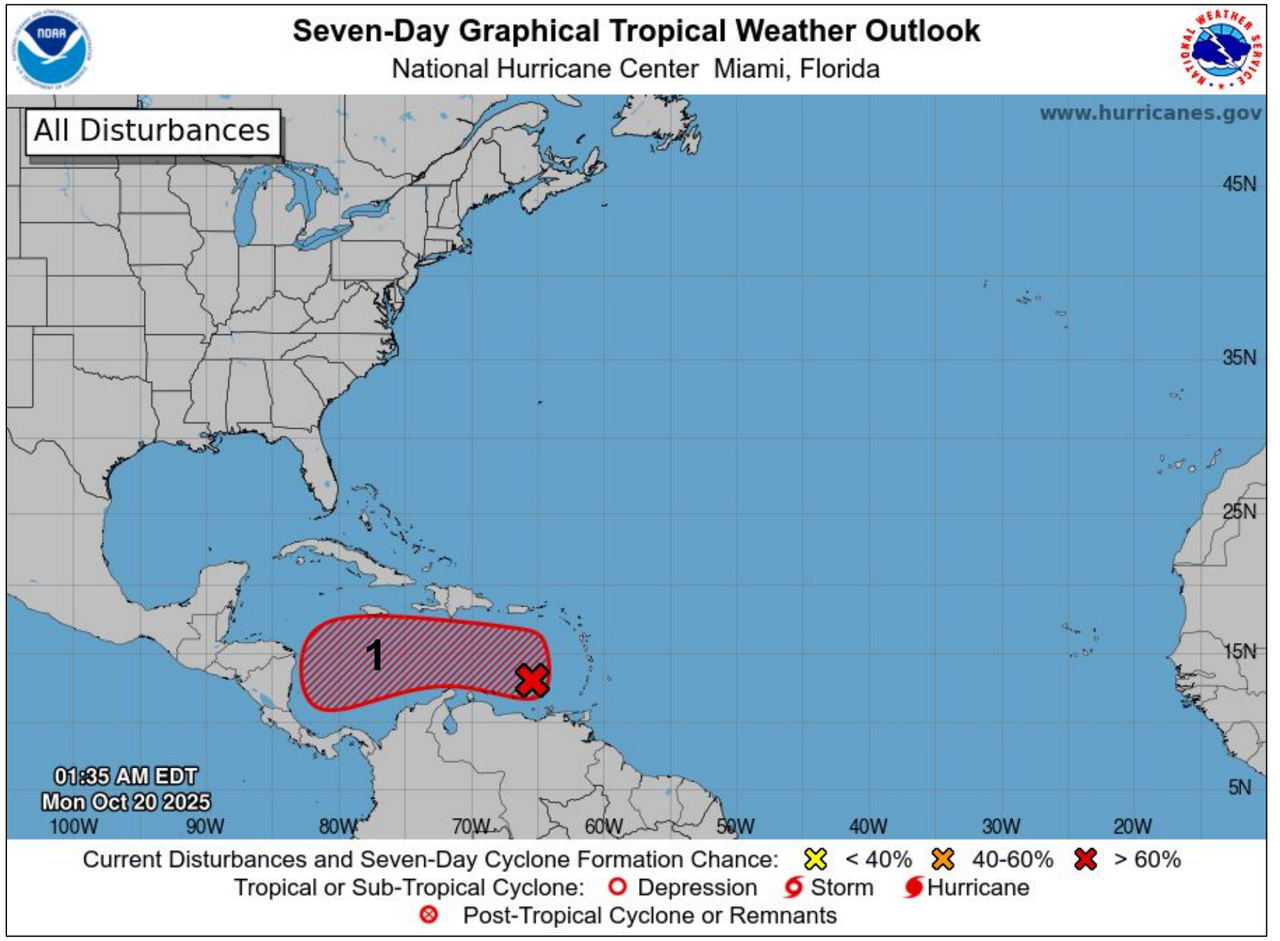
For more details on the colors in the threat matrix refer to the last slide in this briefing.

Risk Levels	Little to None	Minor	Moderate	Major	Extreme

Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development		
Area	**Chance of Development**	**Potential Impacts to FEMA 6**
1	High	None in the next 7 days.

Active Tropical Cyclones	
Storm	**Potential Impacts to FEMA 6**

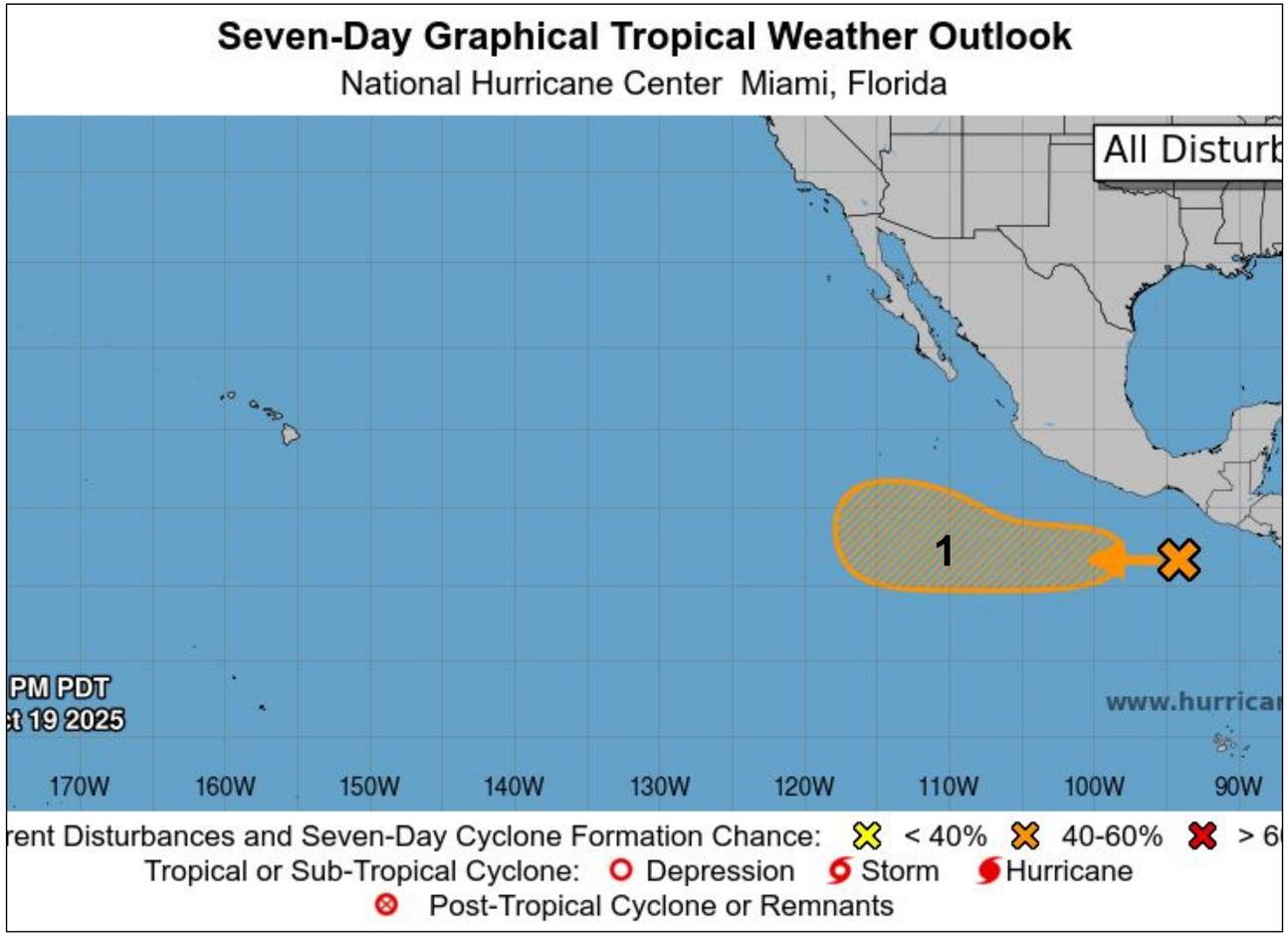


See http://www.hurricanes.gov for the latest on the tropics or any active storms

Tropical Weather Outlook – Eastern Pacific

Areas of Possible Development		
Area	**Chance of Development**	**Potential Impacts to FEMA 6**
I	Medium	None in the next 7 days

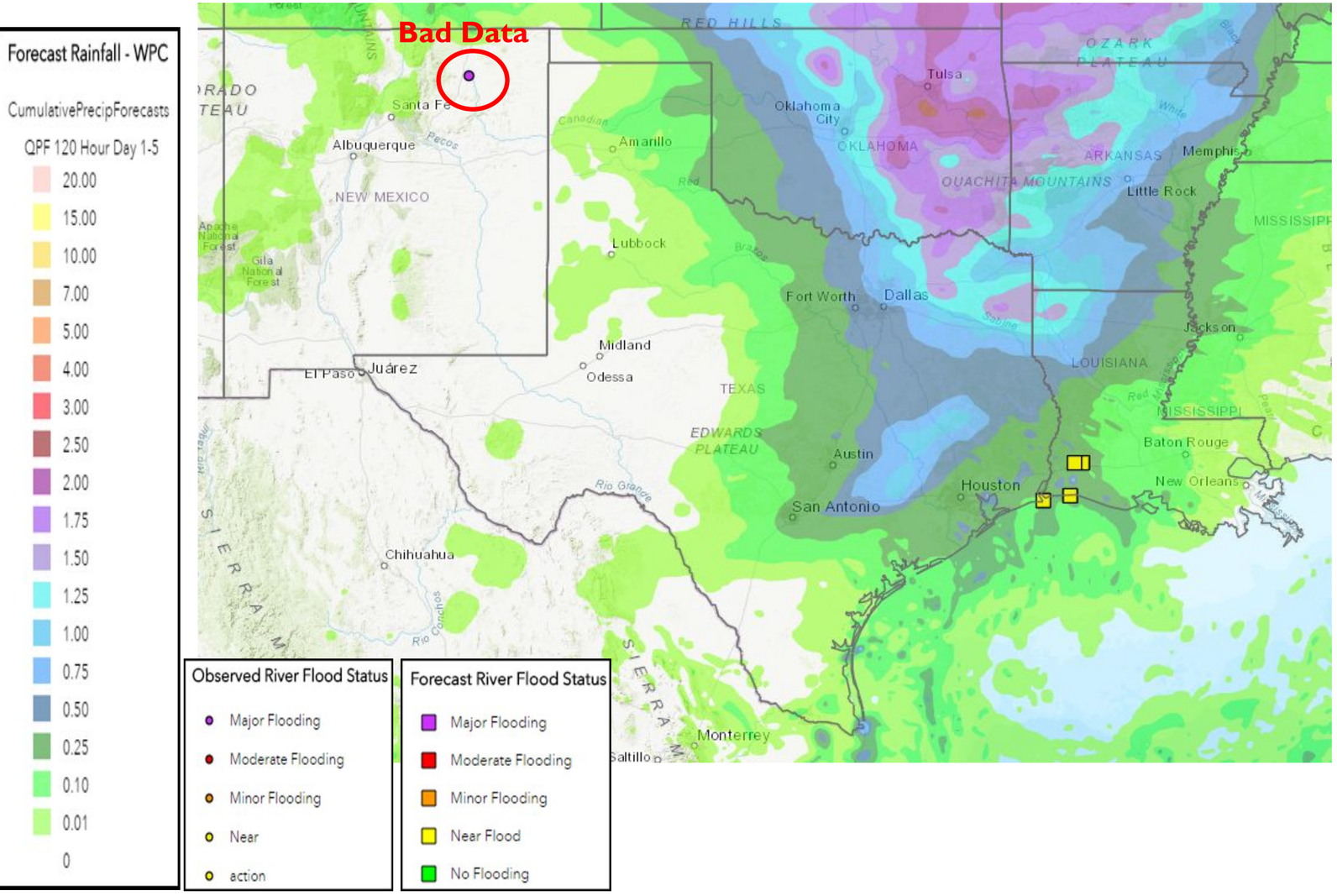
Active Tropical Cyclones	
Storm	**Potential Impacts to FEMA 6**



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

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

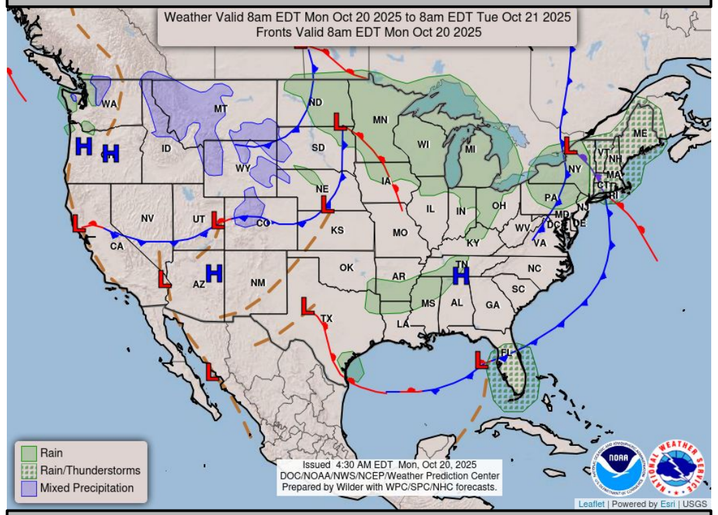


No significant river flooding is forecast.

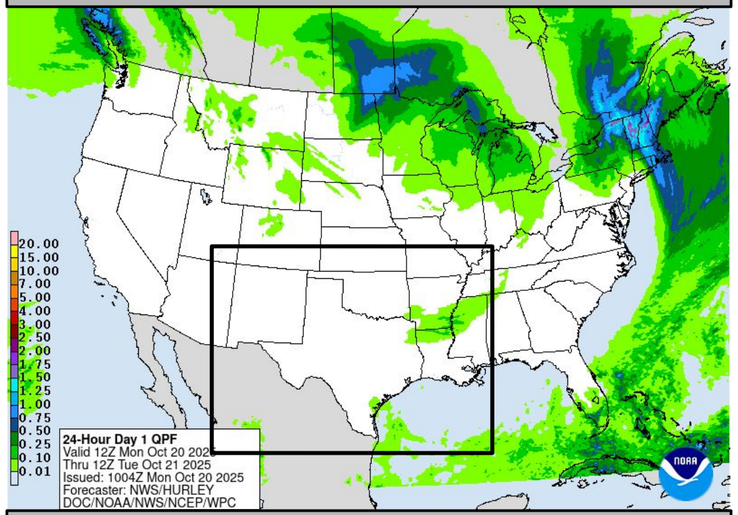
Note: Numerical levels (e.g. level 1 of 4) will not be assigned to riverine flooding due to the varying levels of impacts across flood categories.

Today's Weather

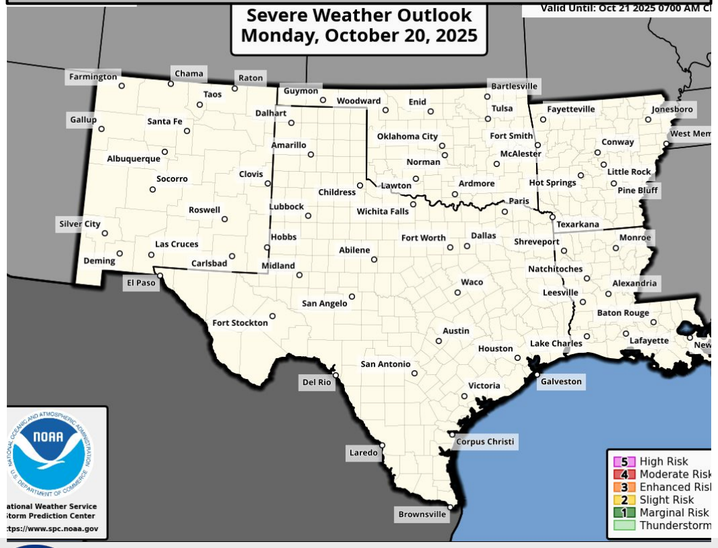
Forecast Chart



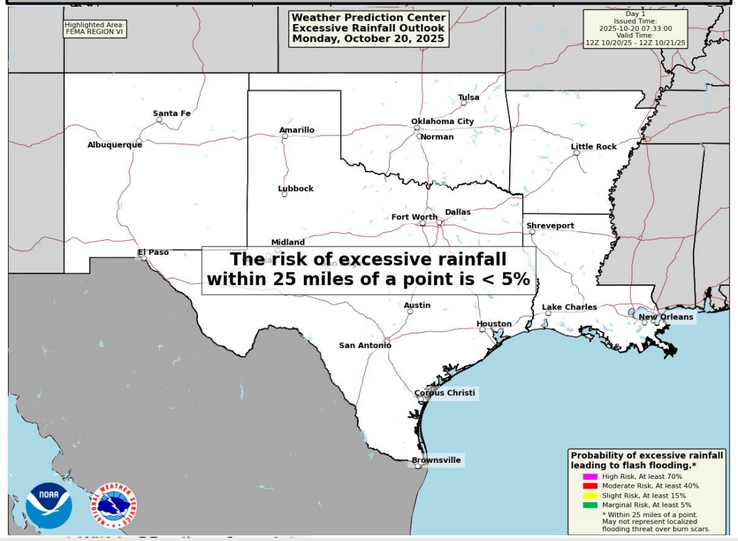
Forecast Rainfall



Severe Weather Outlook

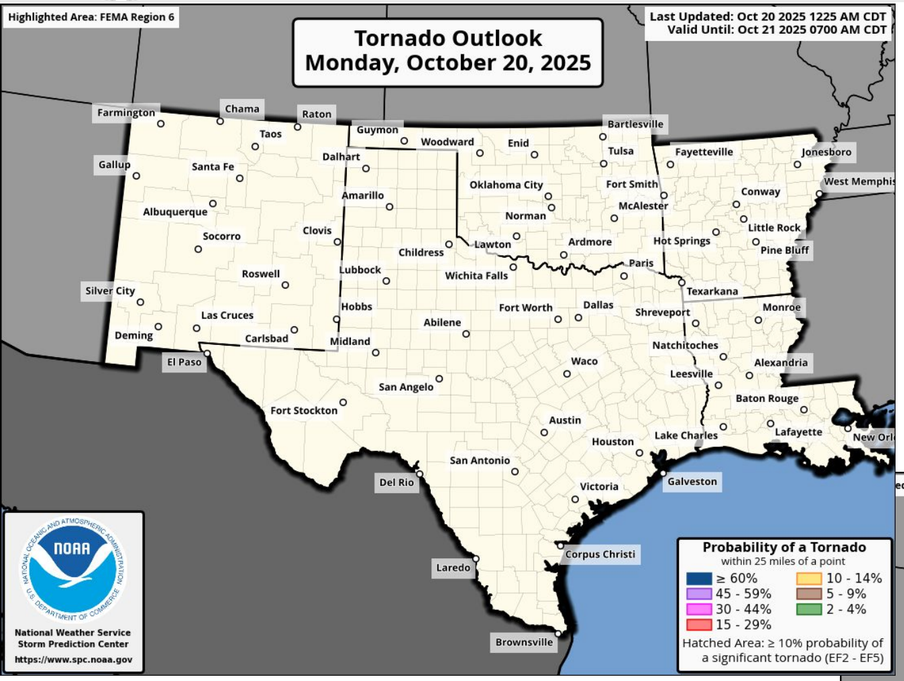


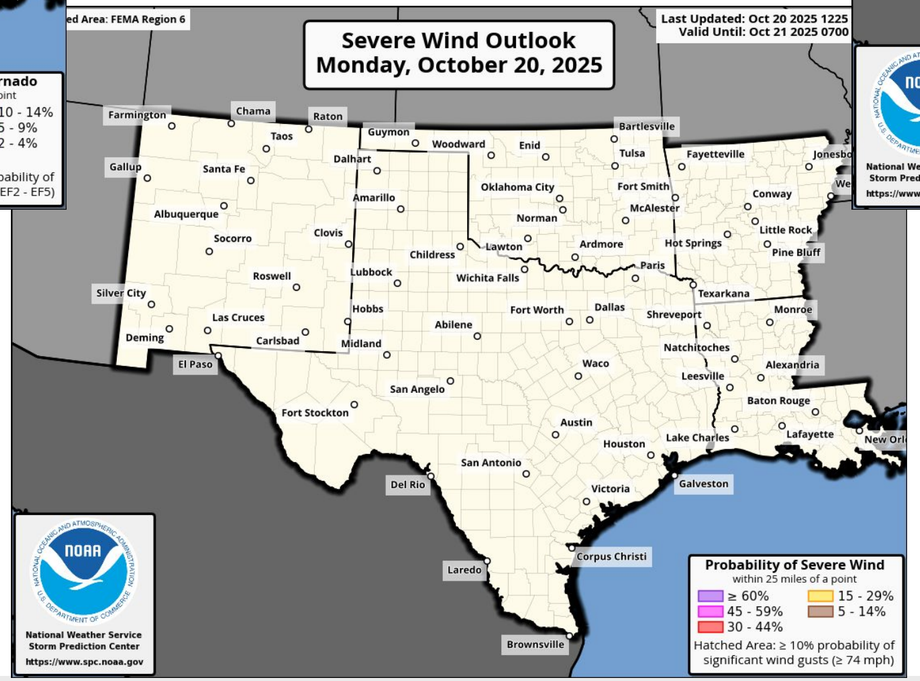
Excessive Rainfall Outlook

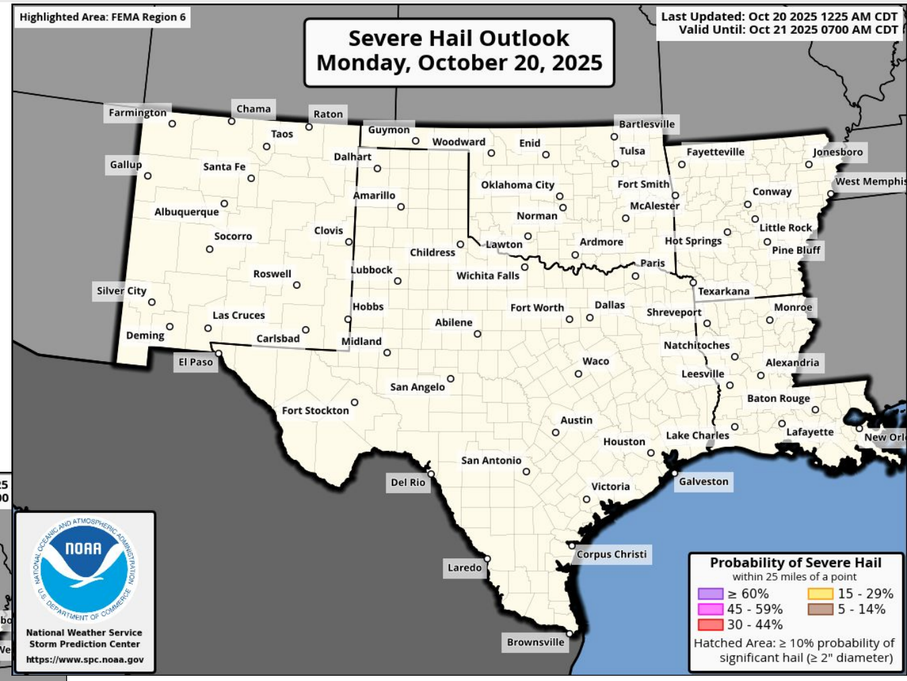


Elevated to critical (levels 1-2 of 3) fire weather conditions for W OK and Panhandle/W/NW/C TX.

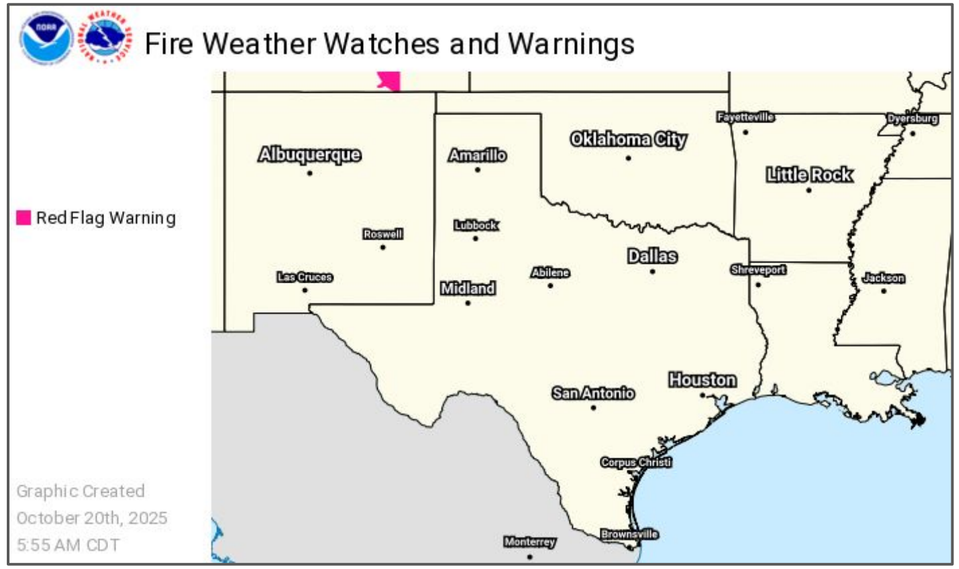
Today's Tornado & Severe Wind / Hail Probabilities

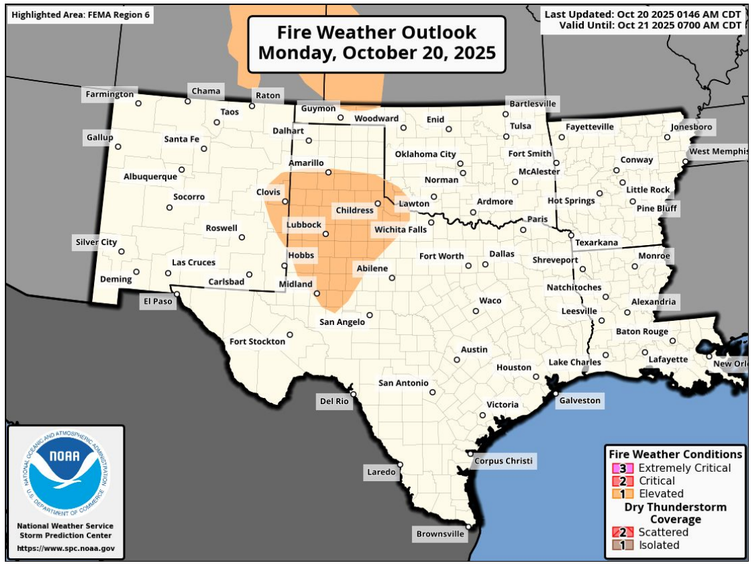


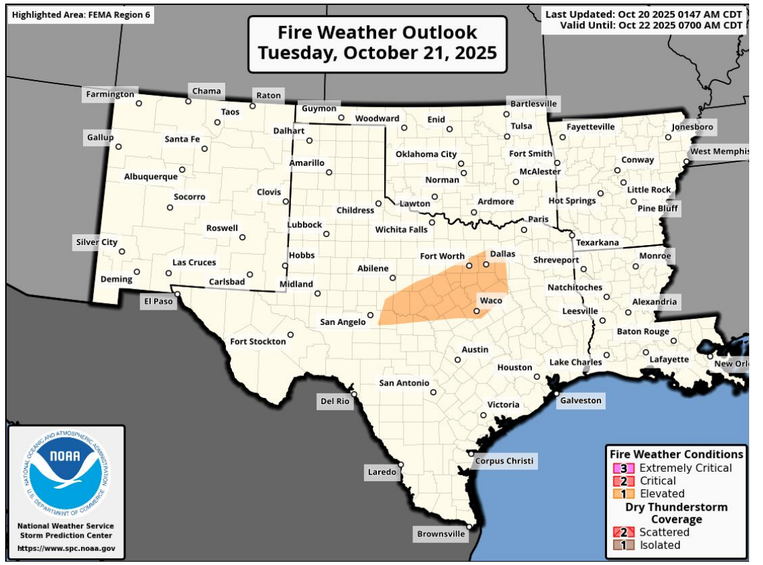


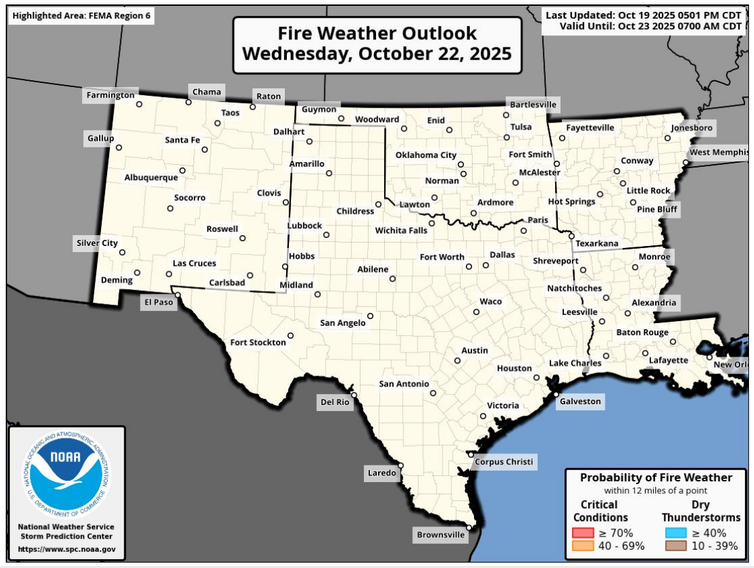


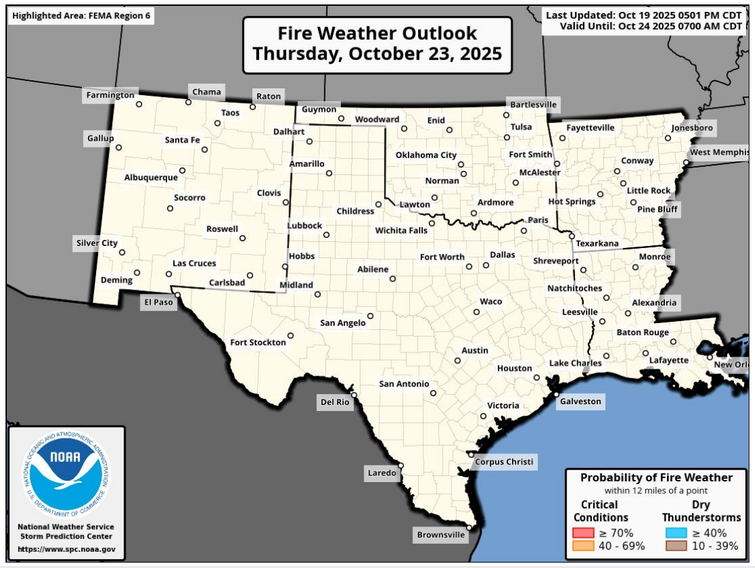
Fire Weather Outlooks

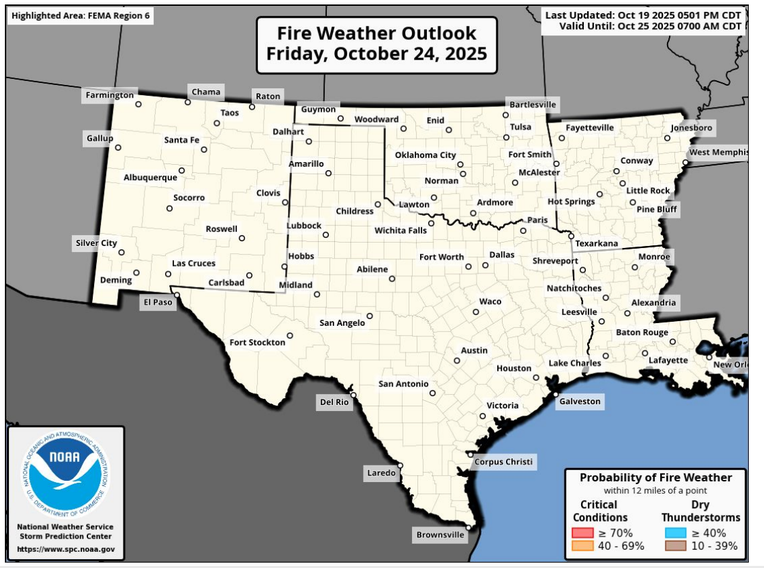






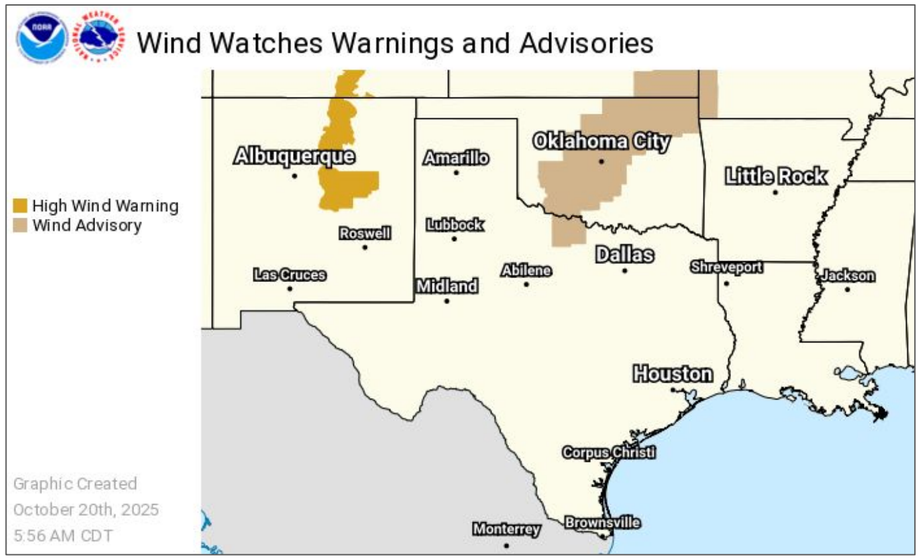


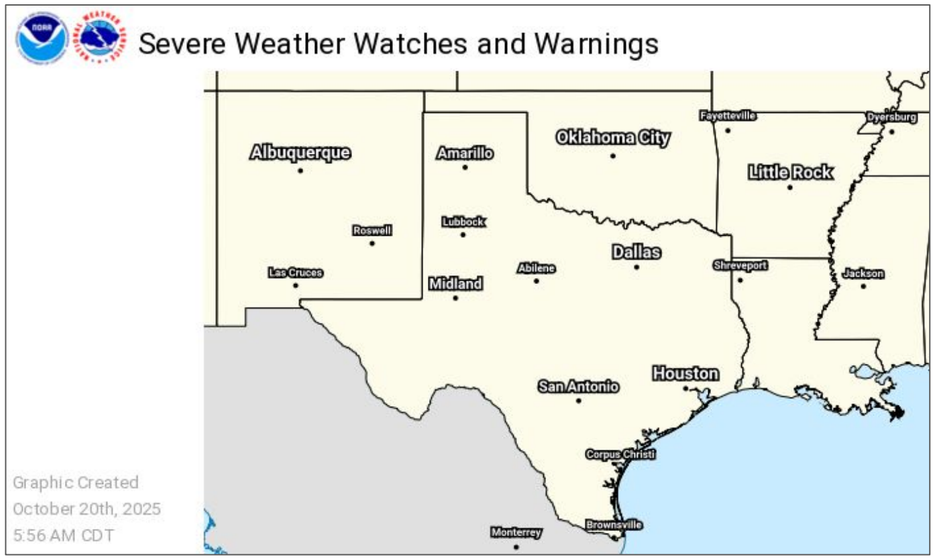




Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

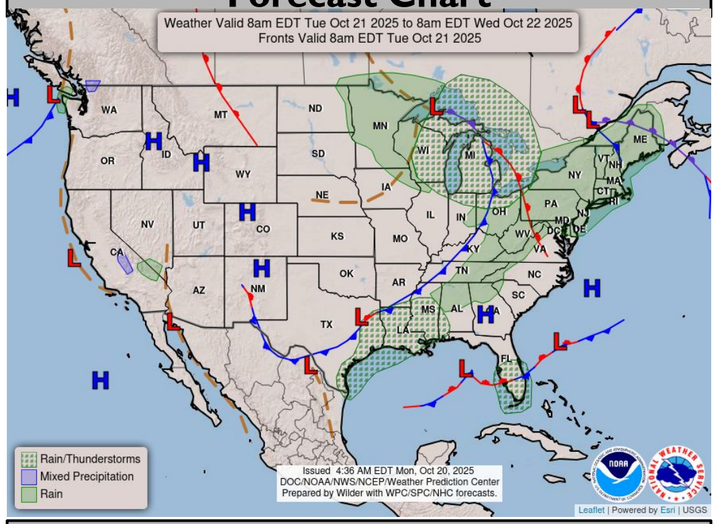




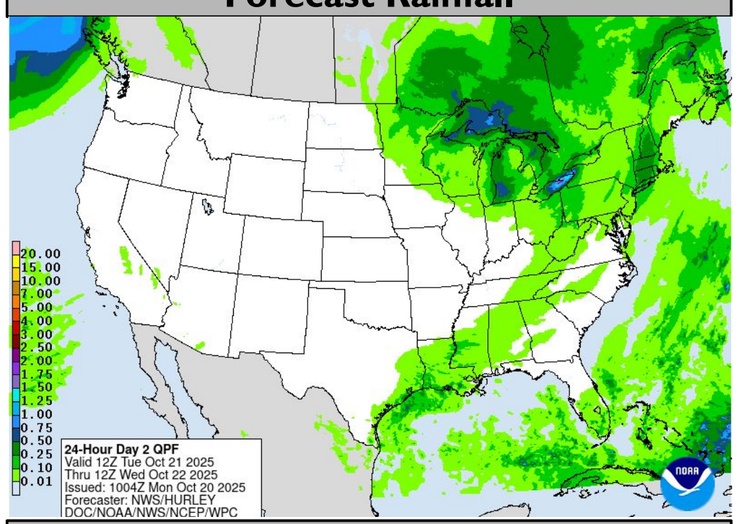
Wind Advisories in OK and NW TX for gusts up to 45 mph from 9am-1pm and High Wind Warnings in NM for gusts up to 60 mph until 4pm CDT.

Tomorrow's Weather

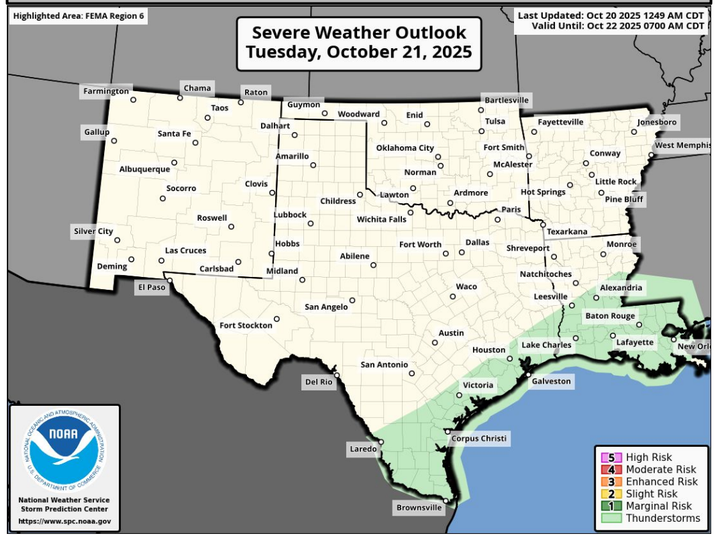
Forecast Chart



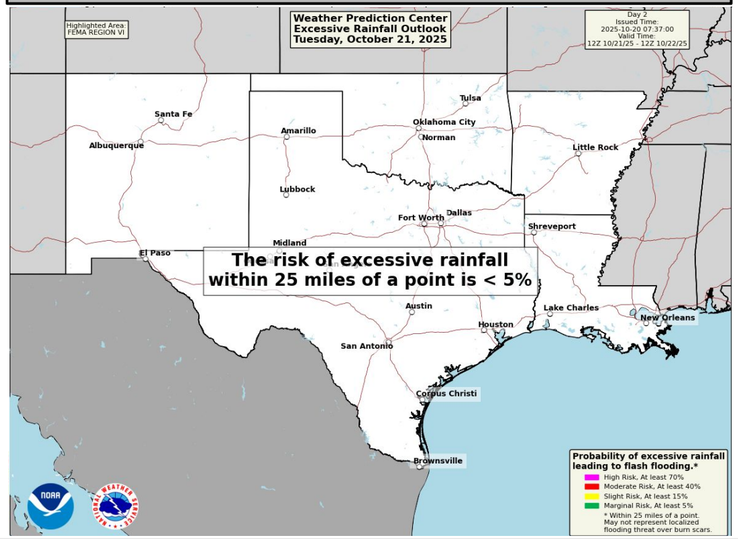
Forecast Rainfall



Severe Weather Outlook

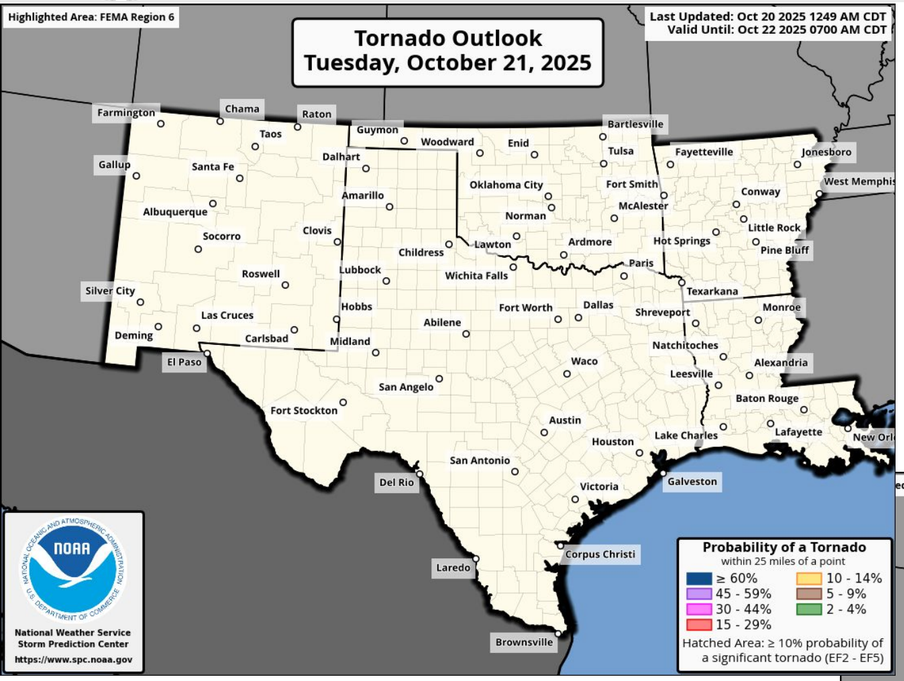


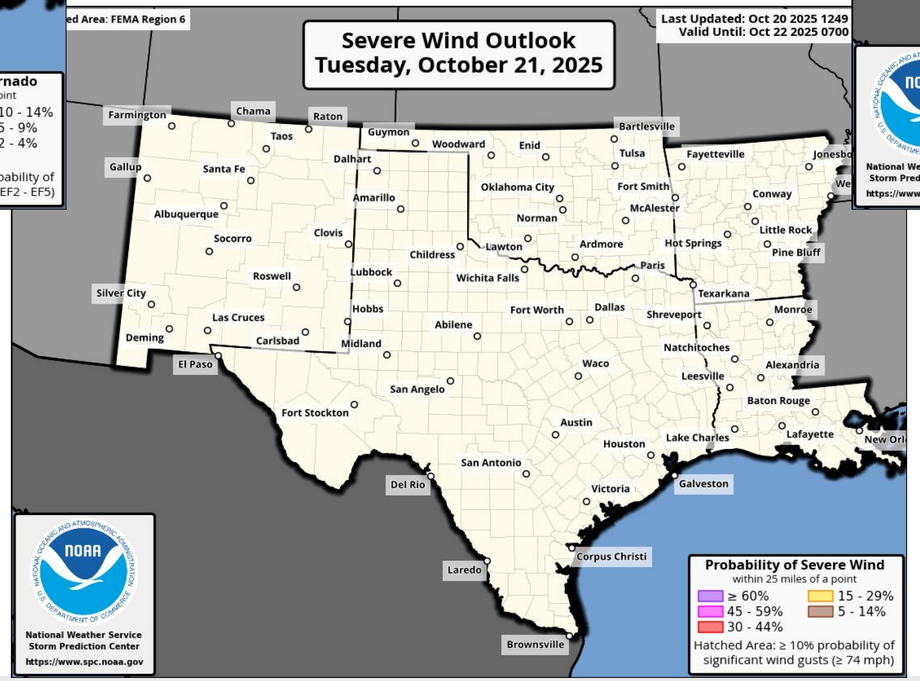
Excessive Rainfall Outlook

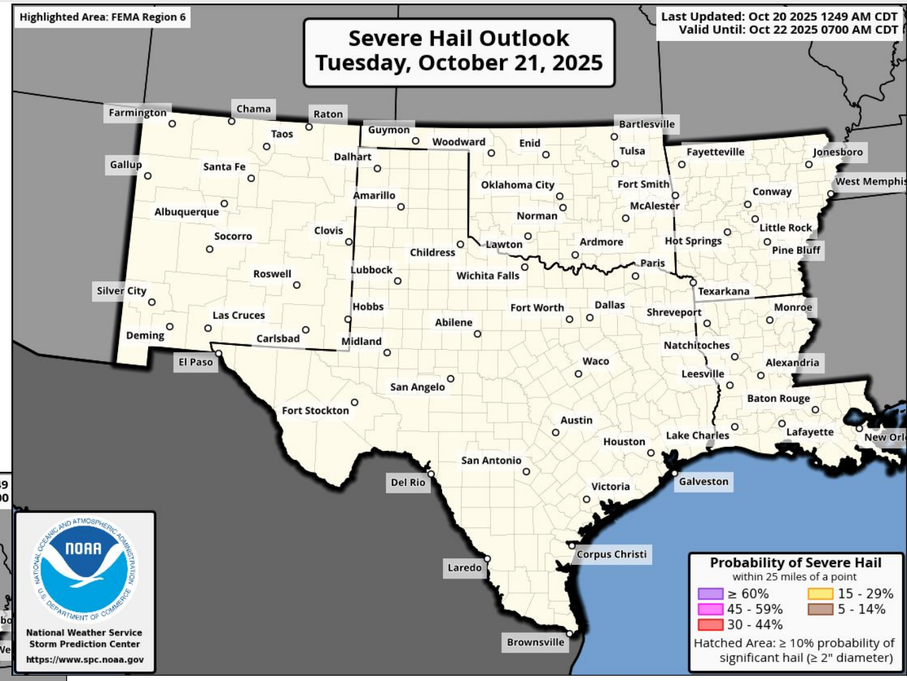


Elevated (level 1 of 3) fire weather conditions anticipated in N/N-C TX.

Tomorrow's Tornado & Severe Wind / Hail Probabilities

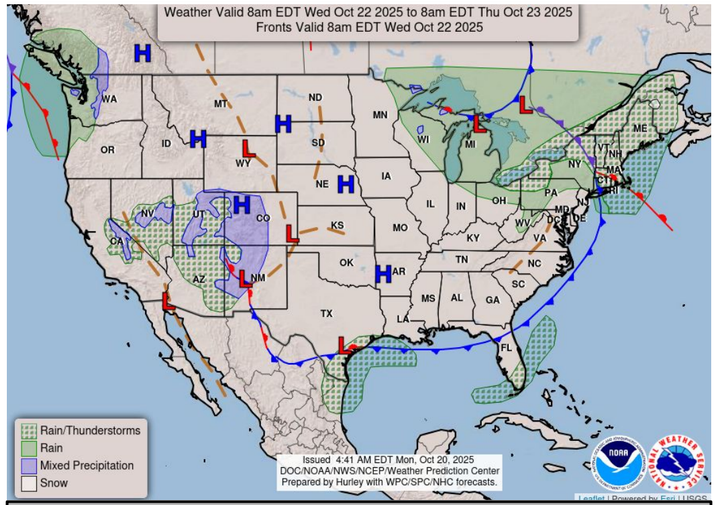




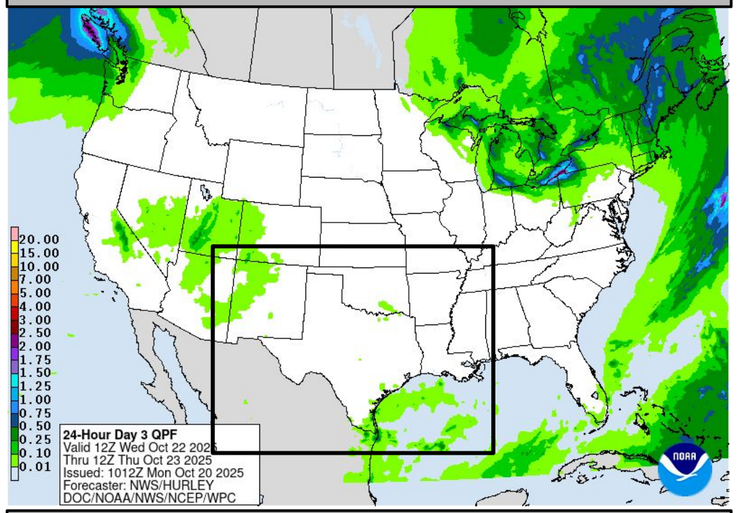


Wednesday's Weather

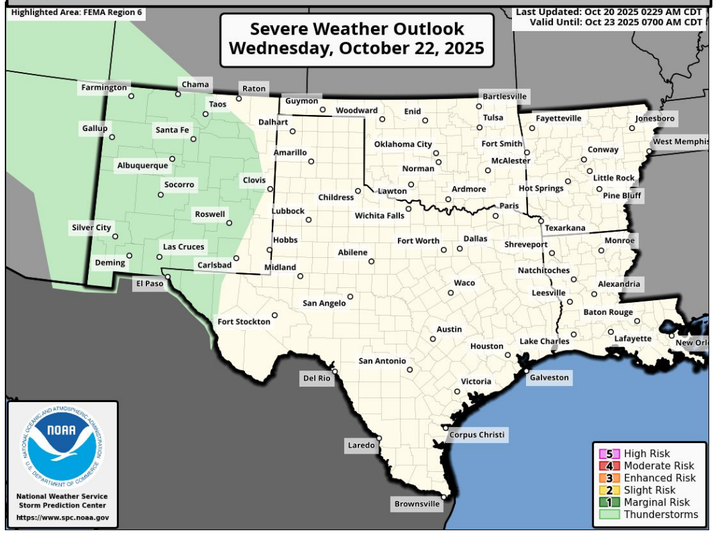
Forecast Chart



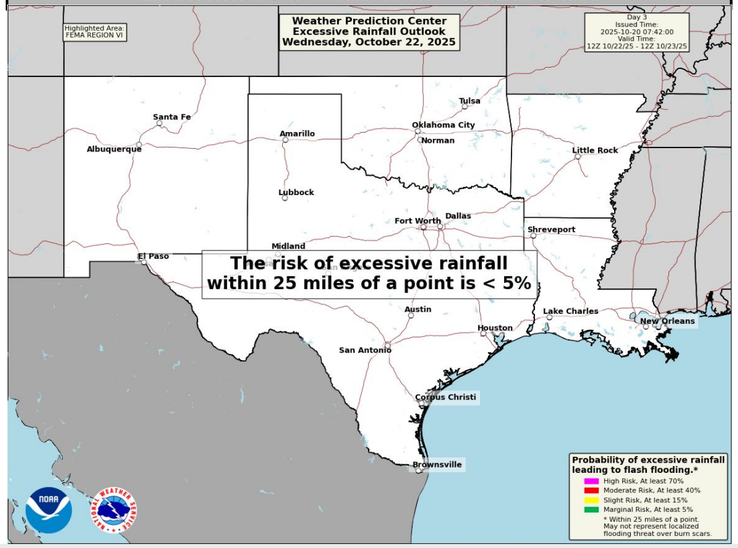
Forecast Rainfall



Severe Weather Outlook



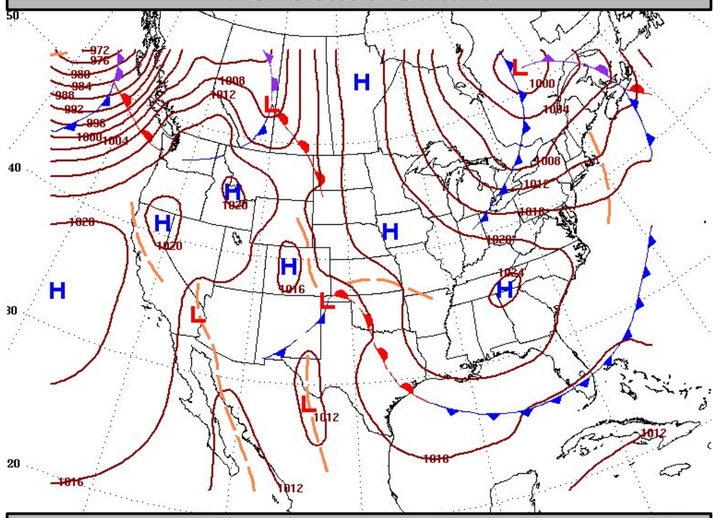
Excessive Rainfall Outlook



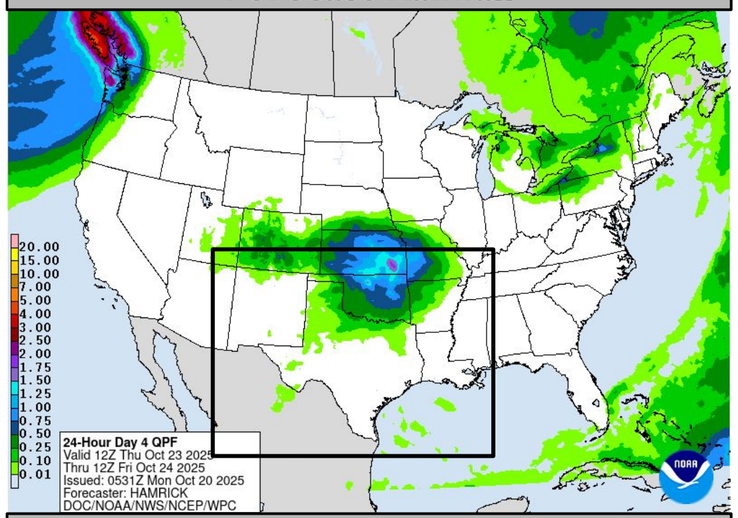
No significant weather expected.

Thursday's Weather

Forecast Chart



Forecast Rainfall



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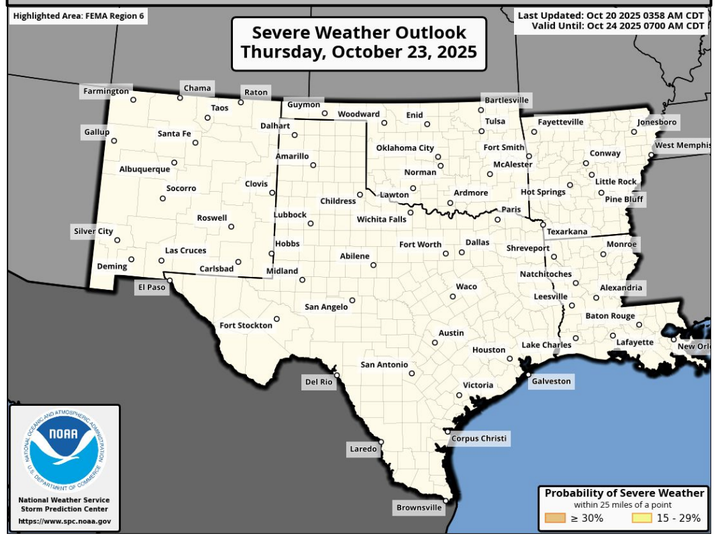
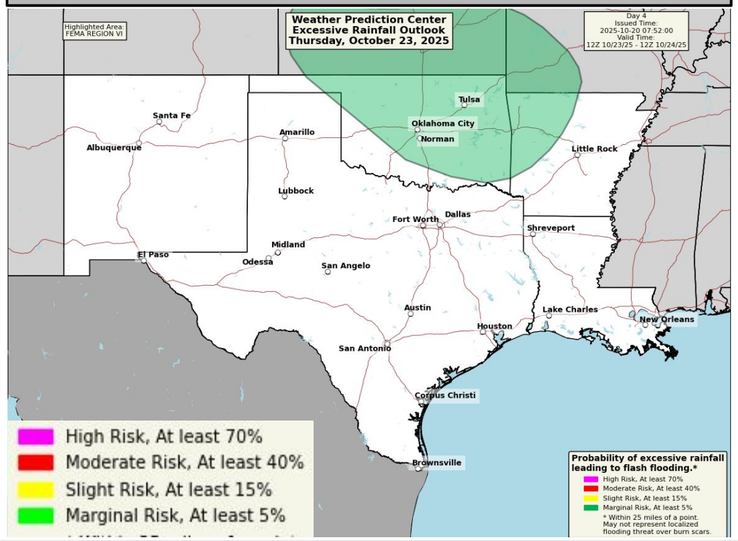


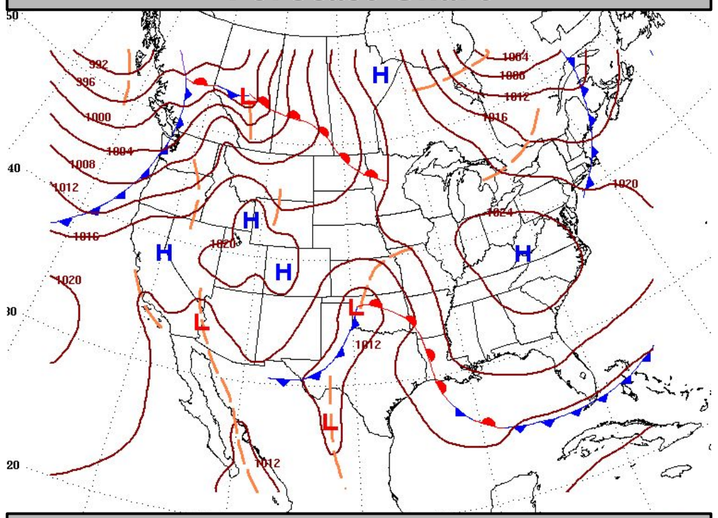
Excessive Rainfall Outlook



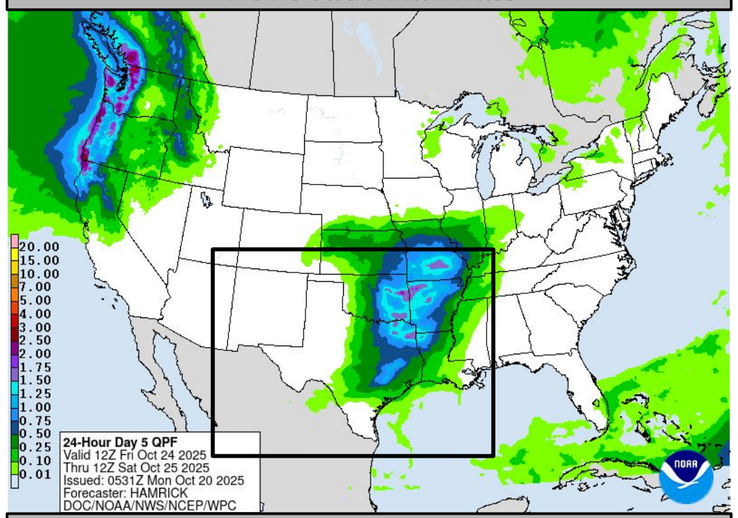
Marginal risk (level 1 of 4) for flash flooding in OK, NW AR.

Friday's Weather

Forecast Chart

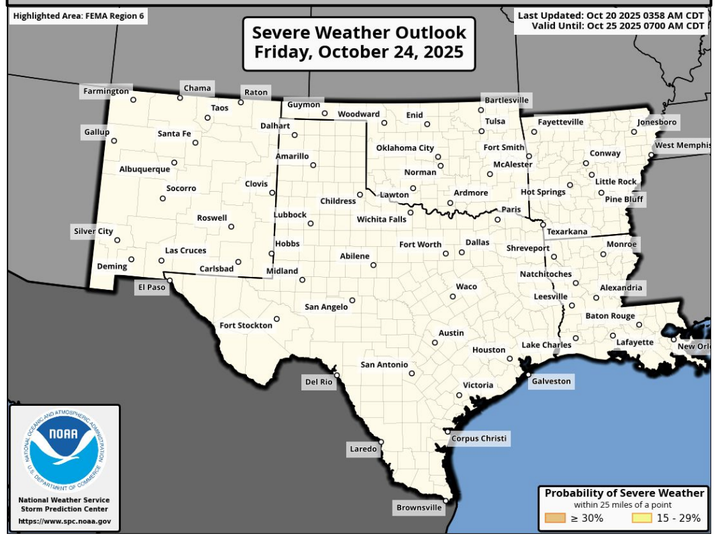


Forecast Rainfall

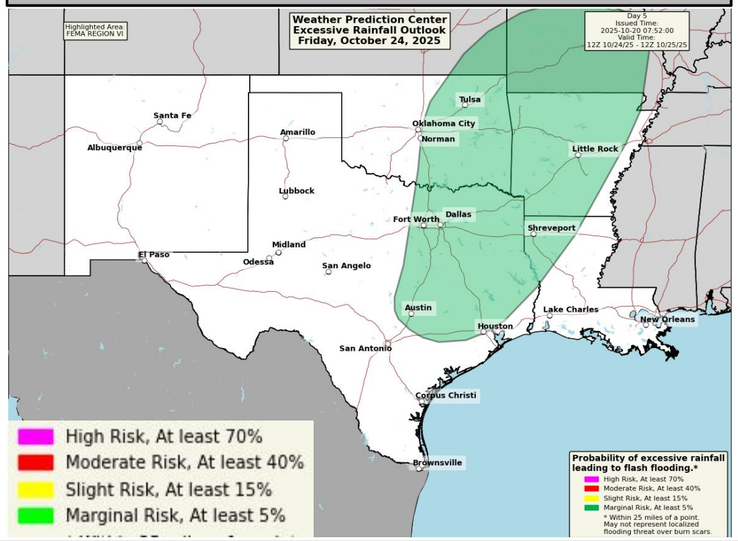


Marginal risk (level 1 of 4) for flash flooding in E OK, E TX, AR, NW LA.

Severe Weather Outlook

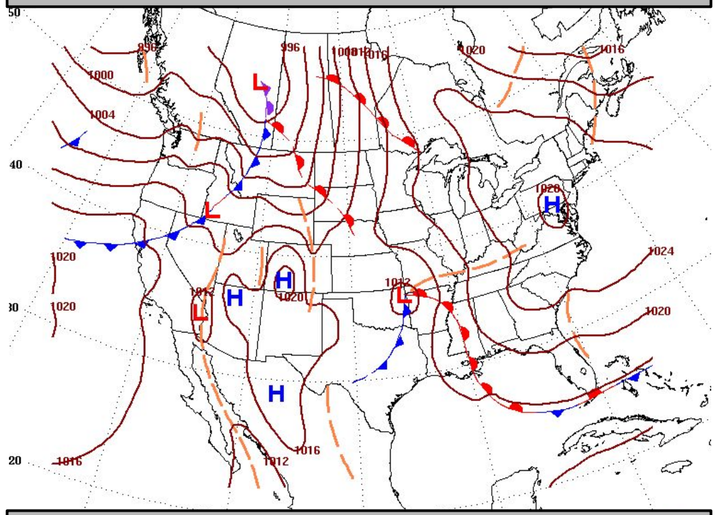


Excessive Rainfall Outlook

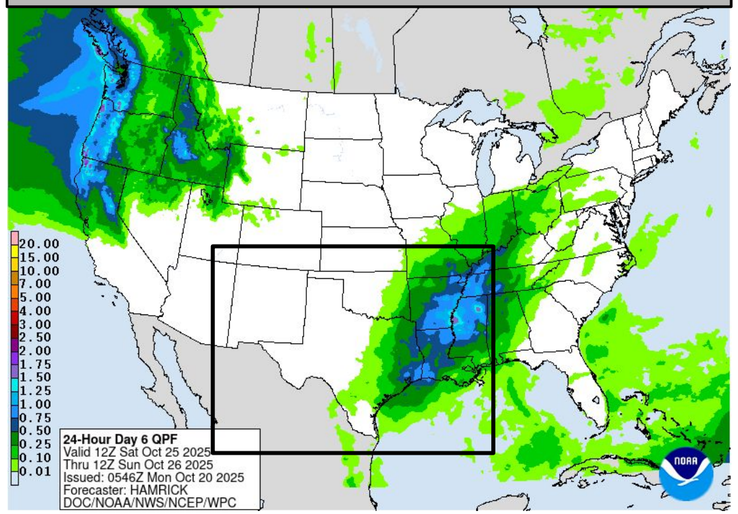


Saturday's Weather

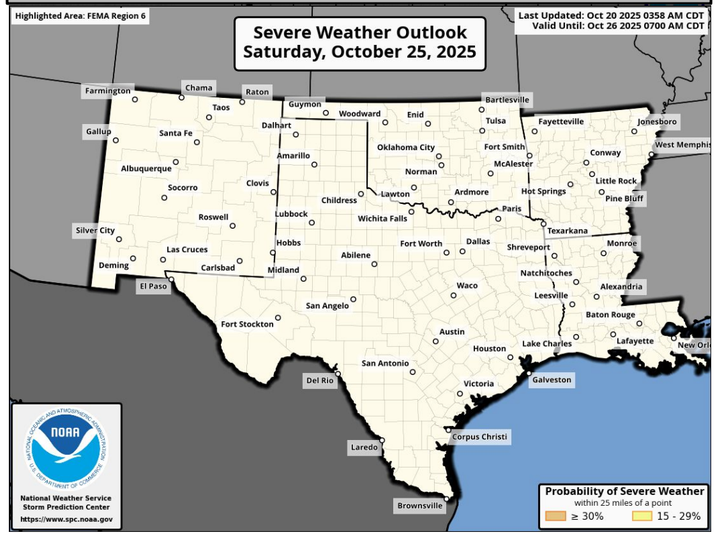
Forecast Chart



Forecast Rainfall



Severe Weather Outlook

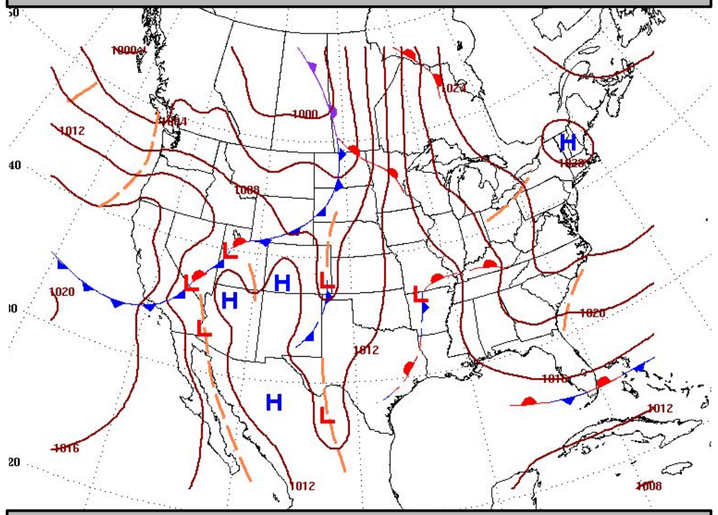


Marginal risk (level 1 of 4) for flash flooding in AR, LA.

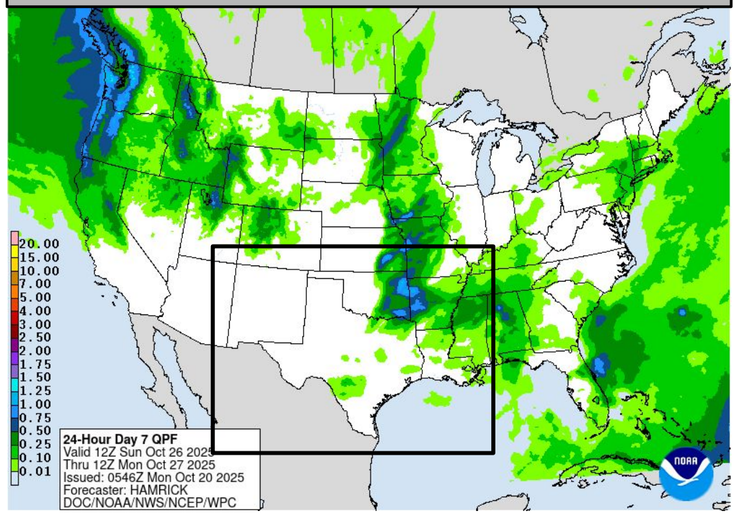
Excessive Rainfall Outlooks not available beyond Day 5

Sunday's Weather

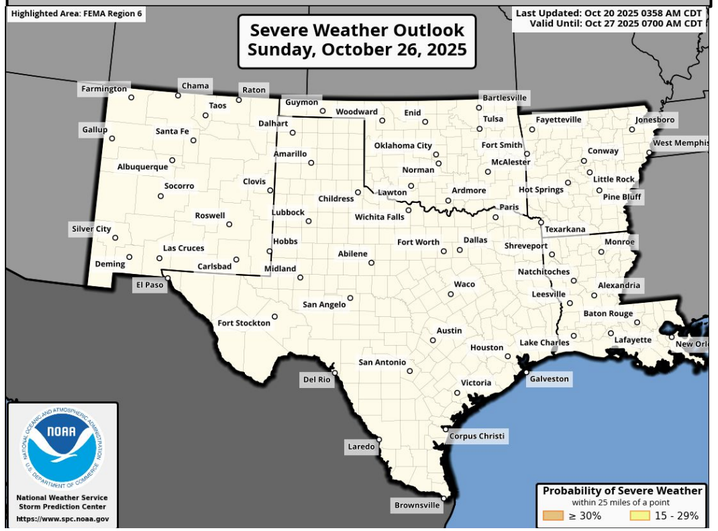
Forecast Chart



Forecast Rainfall



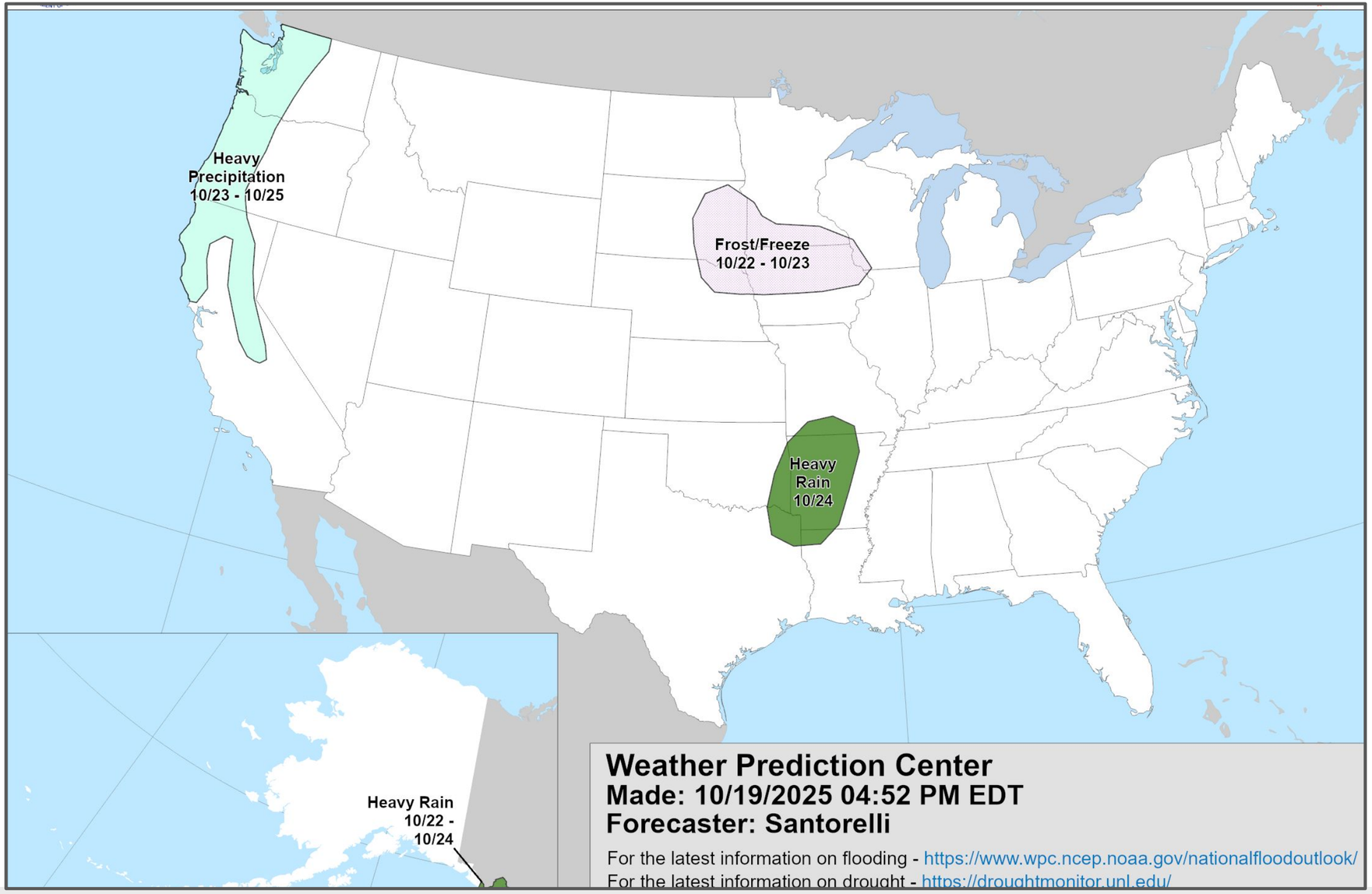
Severe Weather Outlook



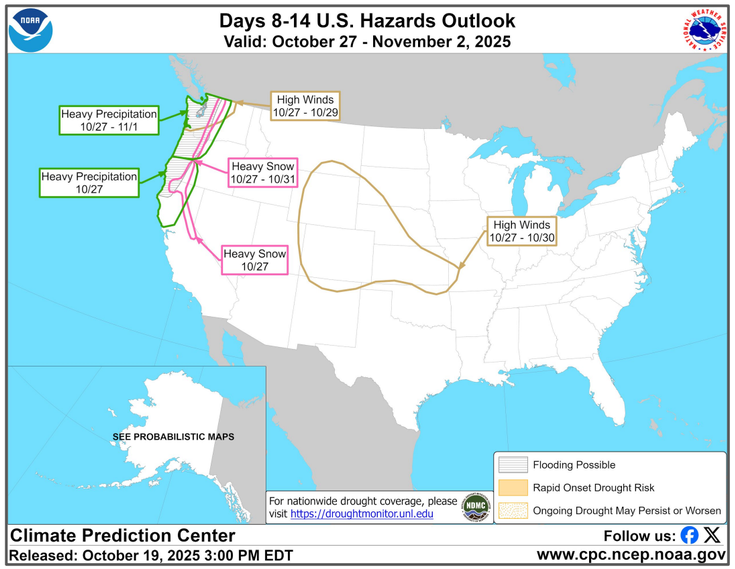
No significant weather expected.

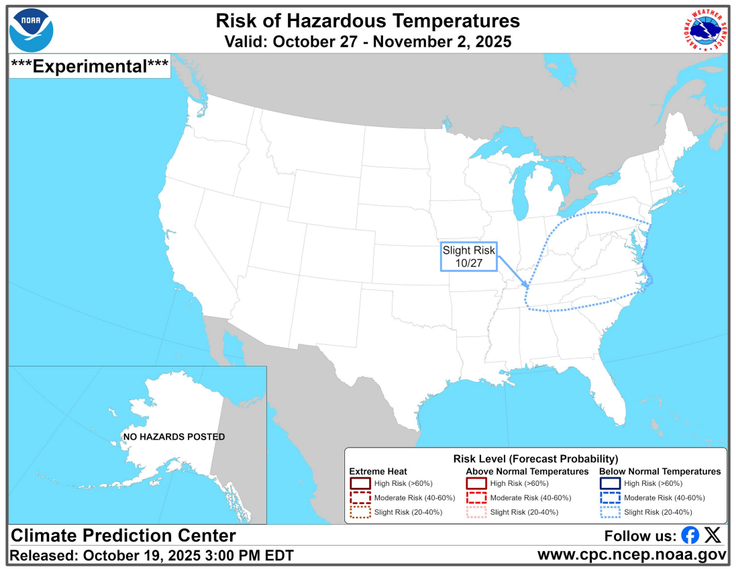
Excessive Rainfall Outlooks not available beyond Day 5

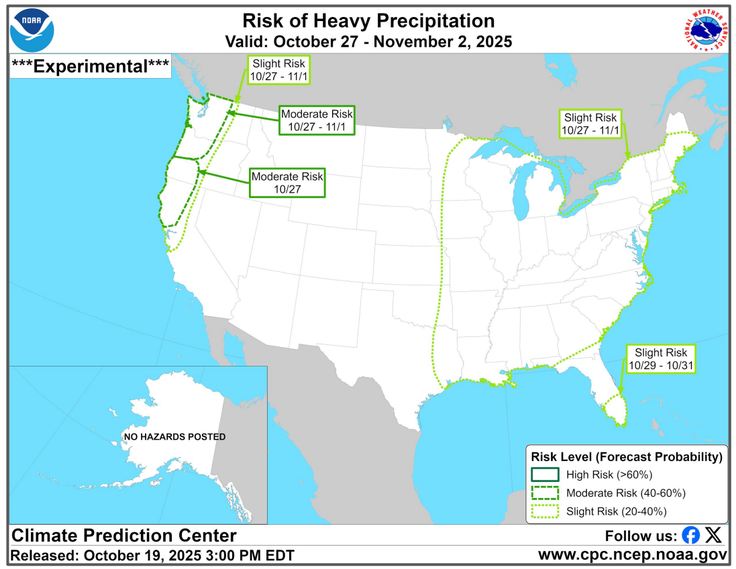
“Day 3-7” Hazards Outlook

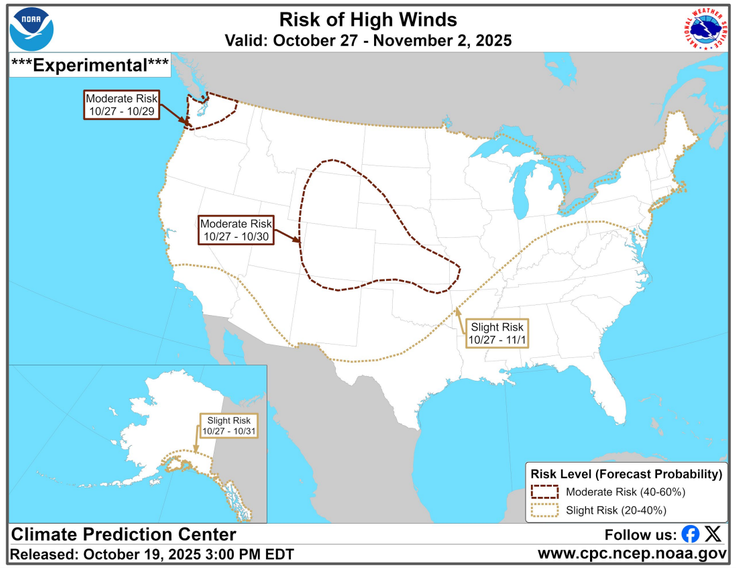


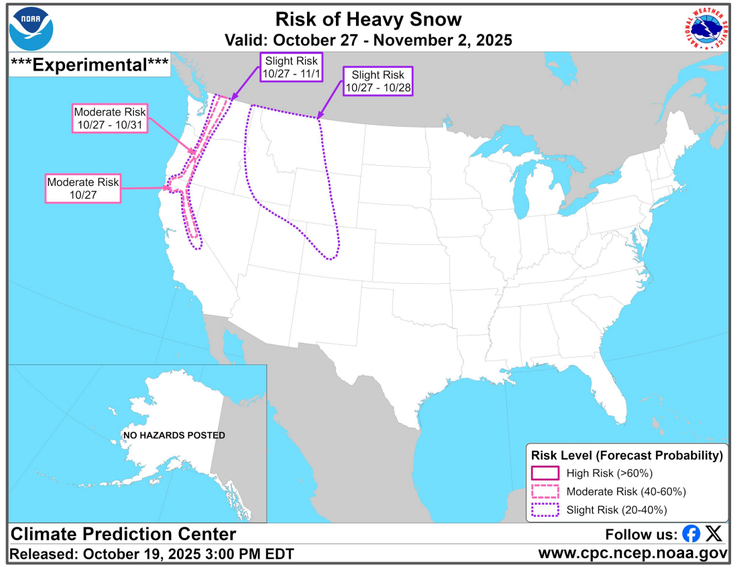
“Day 8-14” Hazards Outlook



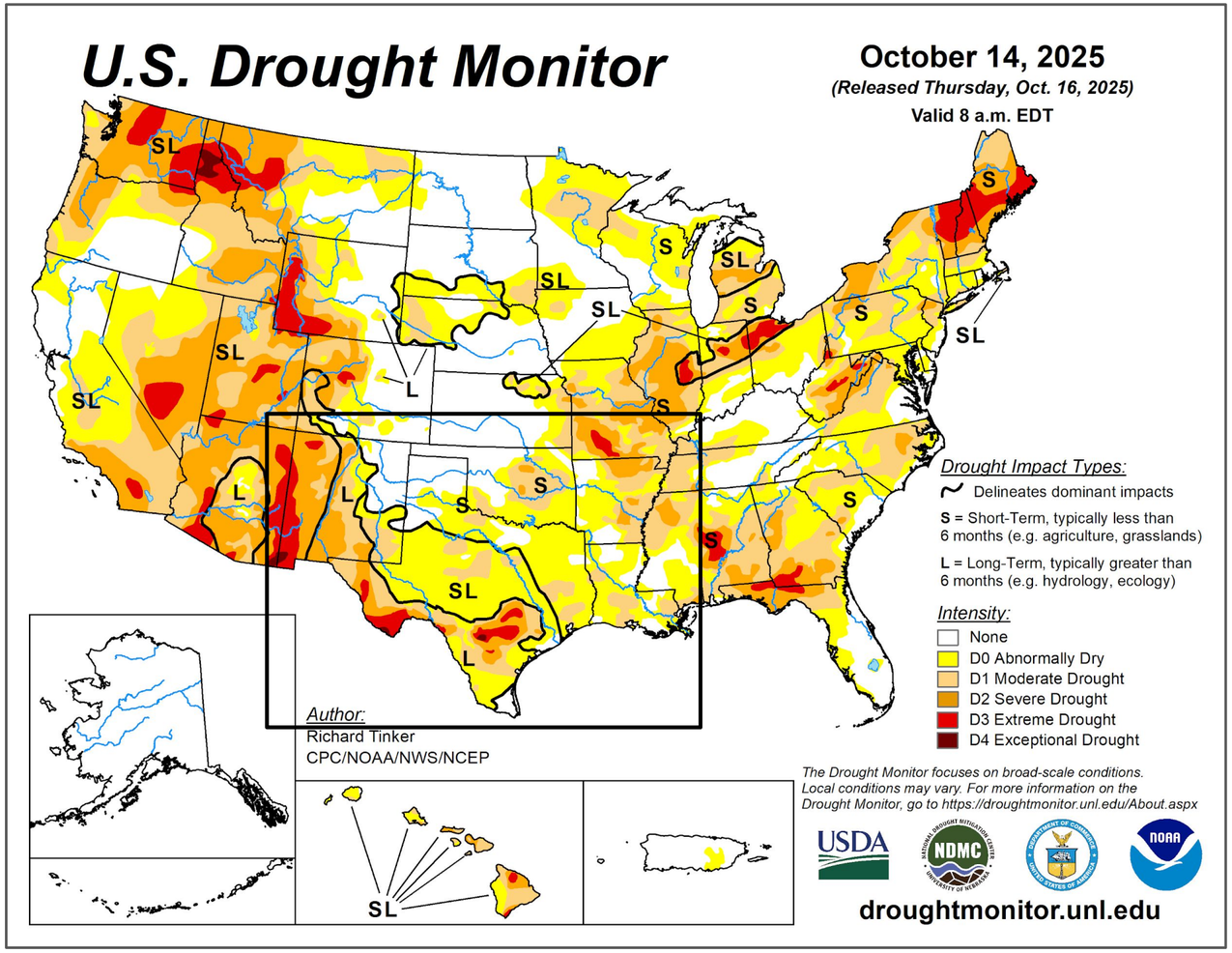


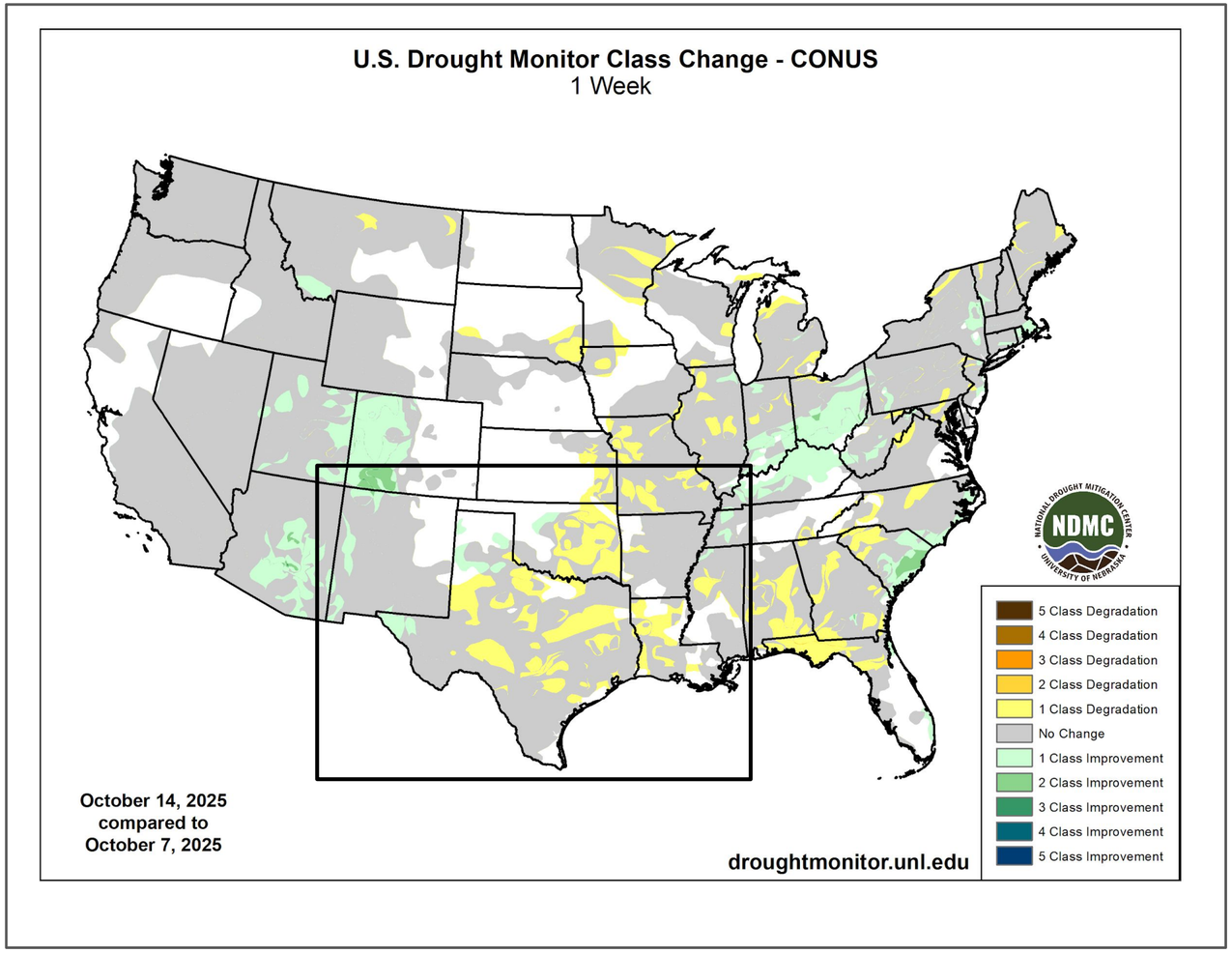






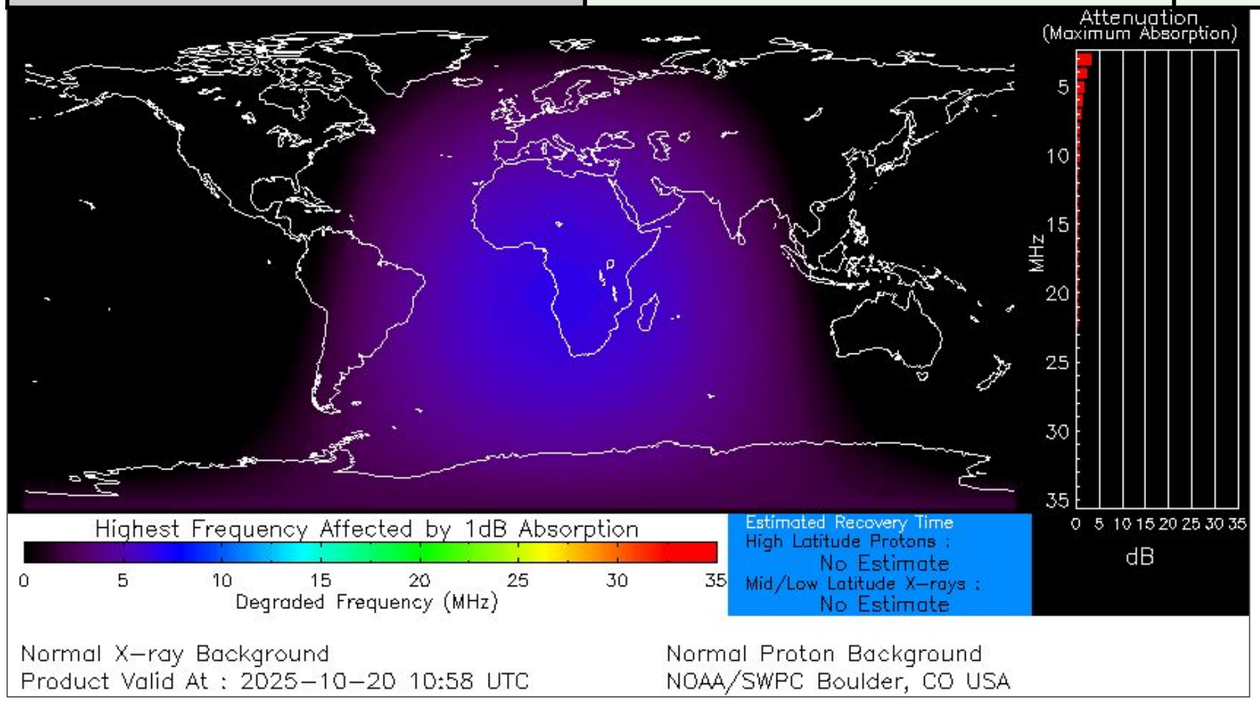
Drought Monitor





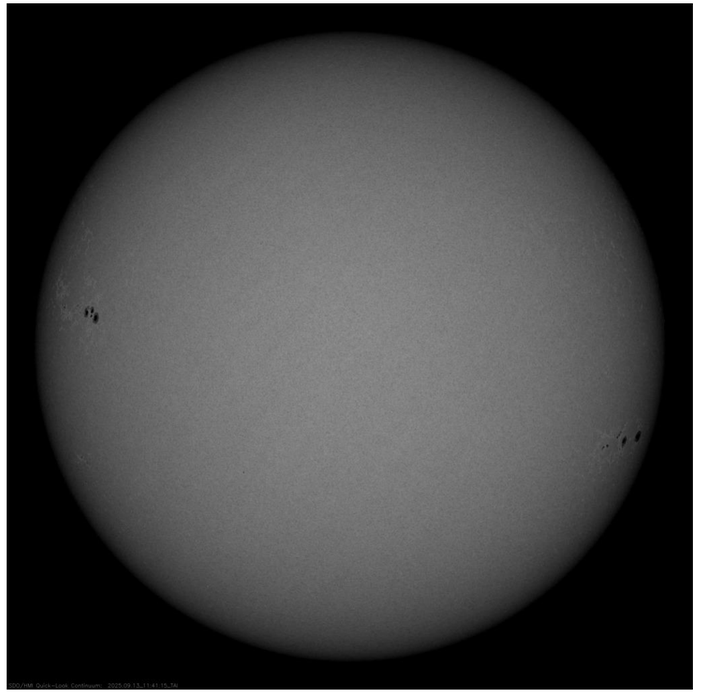
Space Weather 3-Day Forecast

	Monday, Oct 20	Tuesday, Oct 21	Wednesday, Oct 22
Geomagnetic Storms	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	25%	20%	20%
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	**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

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