



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Thursday May 21, 2020

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.



- **Severe thunderstorms today across the TX/OK Panhandles, NW OK, and W TX. Threats include damaging winds, large hail, and a tornado or two.**
- **Isolated heavy rain/flash flooding across parts of TX, OK, AR, LA today and Friday.**
- **Isolated strong to severe thunderstorms possible across TX/OK Saturday through Monday. Potential for heavy rain/flash flooding across TX/OK Sunday and Monday.**
- **Elevated to critical fire weather conditions across NM and W TX today through Saturday.**

FEMA Region 6 Threat Matrix

May 21, 2020 - May 25, 2020



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DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms	TX/OK Panhandles NW OK/W TX	NW TX/OK/NW AR	TX/OK	TX/OK	TX/OK
Heavy Rain / Flash Flooding	OK/TX/ AR/NW LA	E OK/W AR		TX/OK	TX/OK
Fire Weather	NM/W TX	NM	NM		
Tropical Weather					
Winter Weather					
River Flooding	MS River, TX, AR, LA	MS River, TX, AR, LA	MS River, AR, LA	MS River, AR, LA	MS River, AR, LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

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.

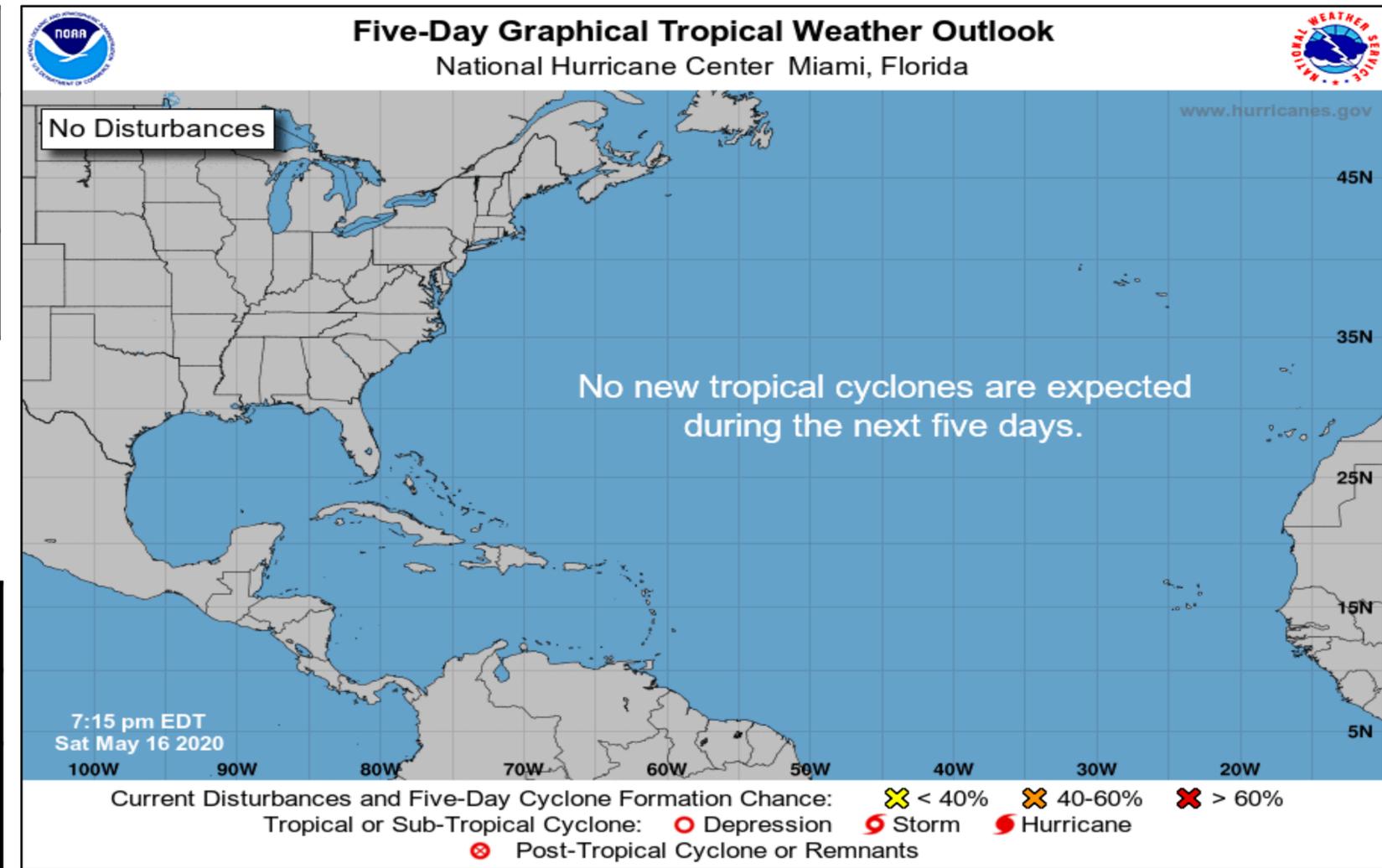


Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-	-	-

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	-



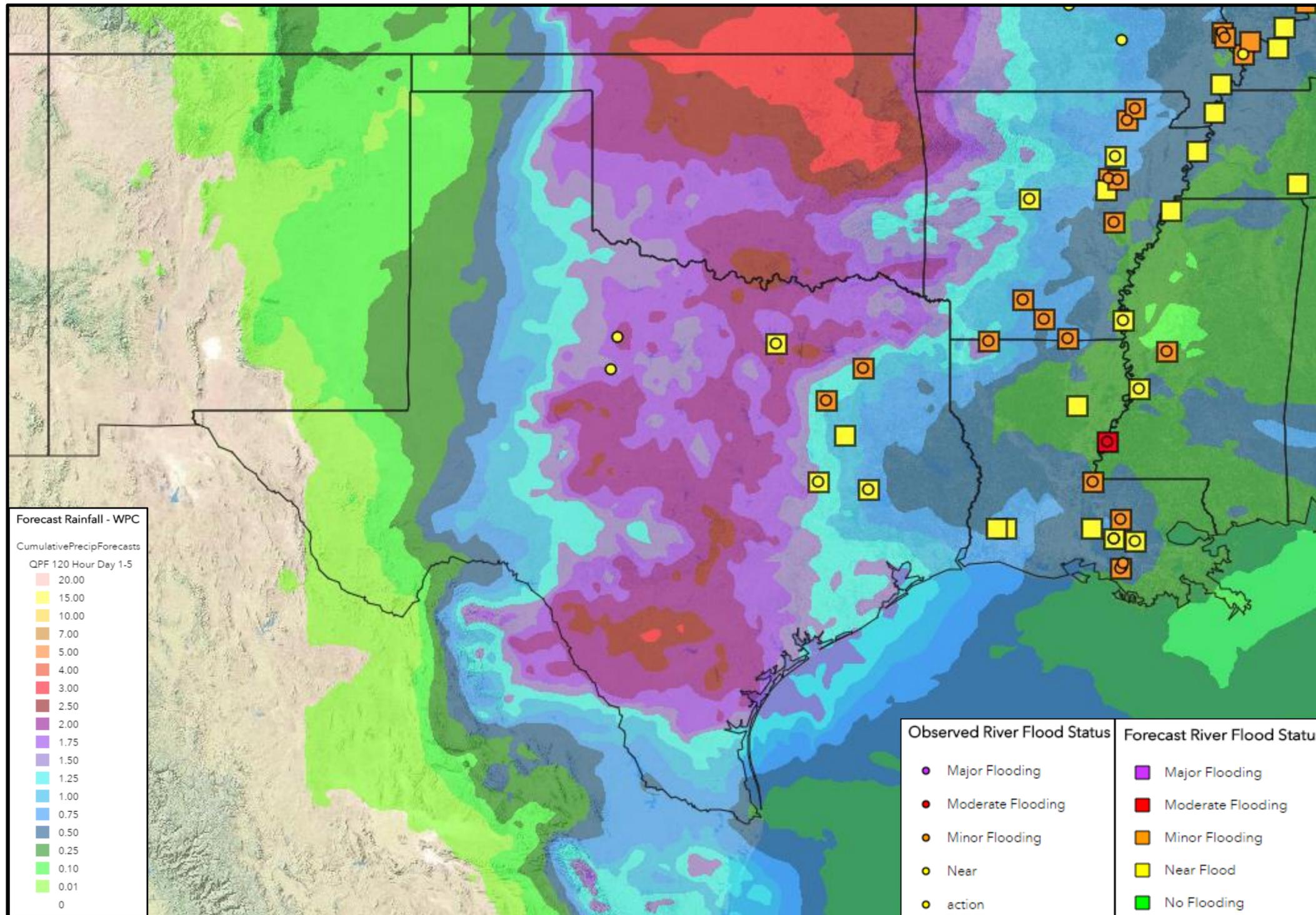
5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

Minor flooding continues in TX, LA & AR. Impacts are mostly to agriculture and secondary roads.



Today's Weather



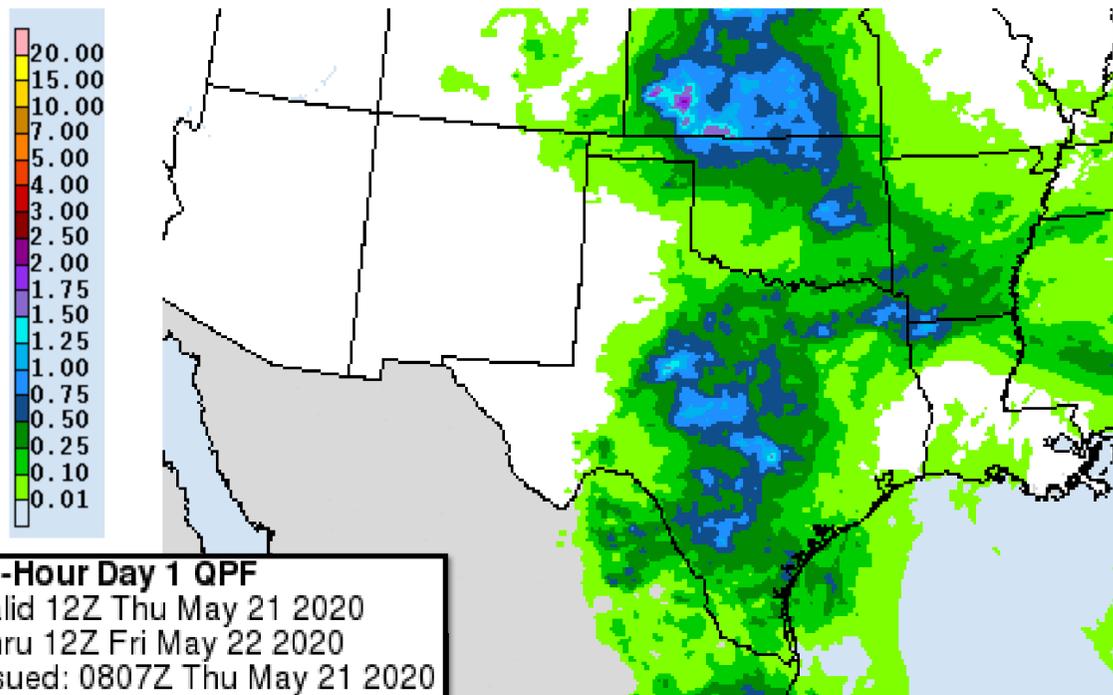
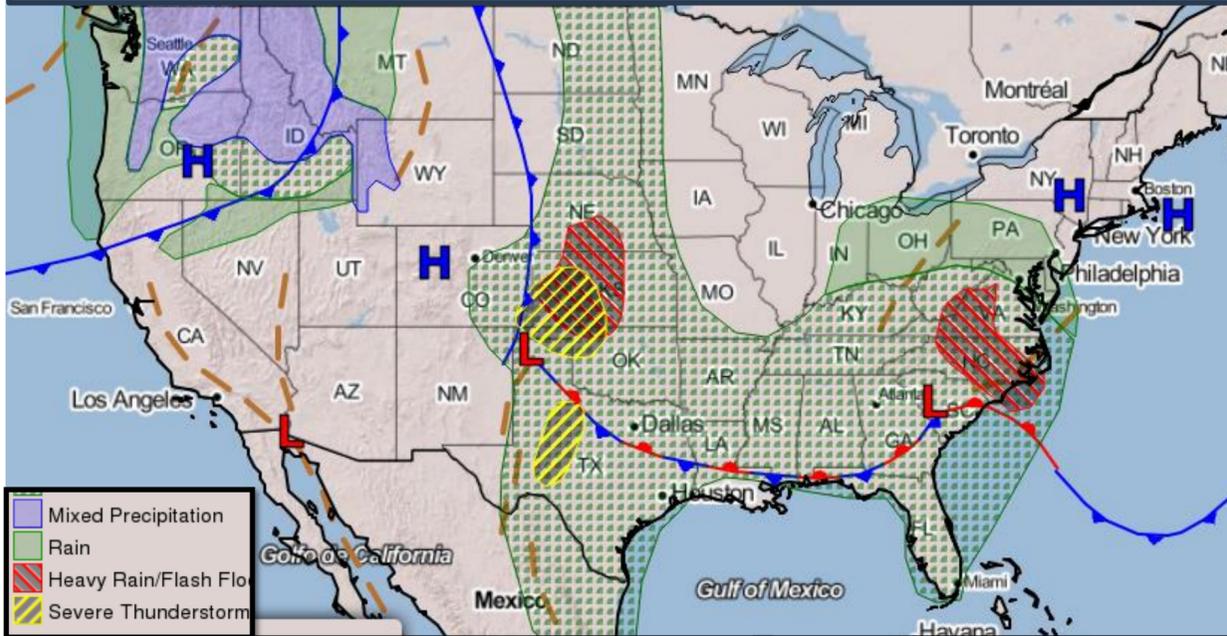
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Forecast Chart

Forecast Rainfall

Severe storms across the TX/OK Panhandles, NW OK, and W TX. Threats includes damaging winds, large hail, and a tornado or two.

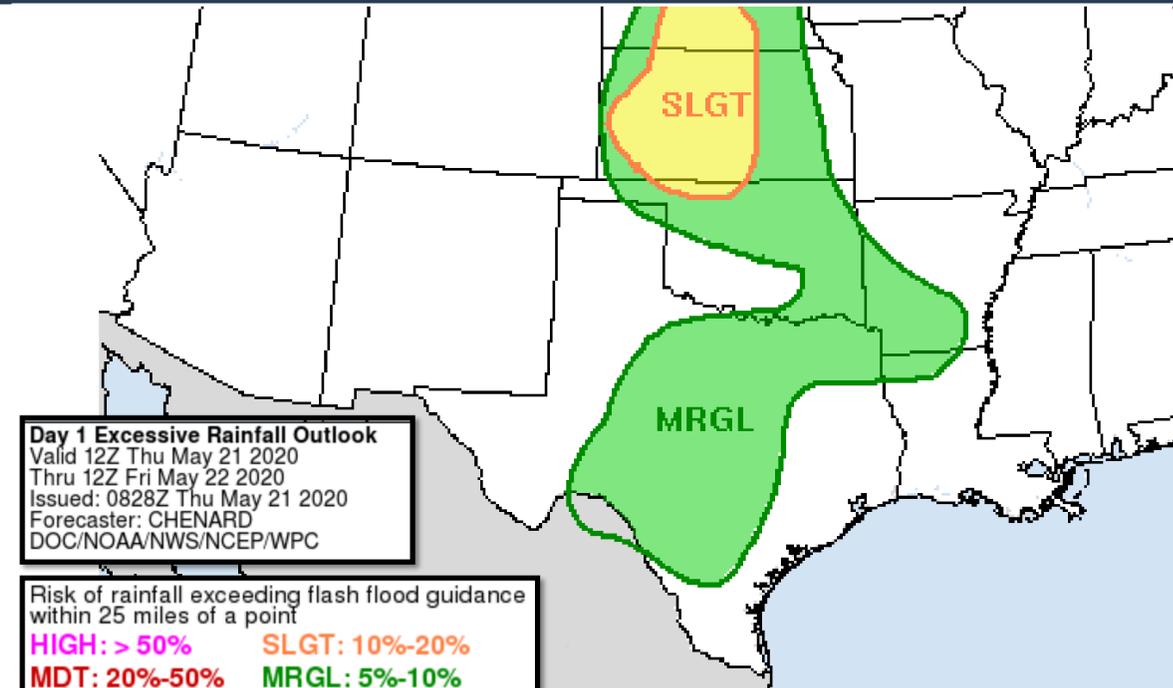
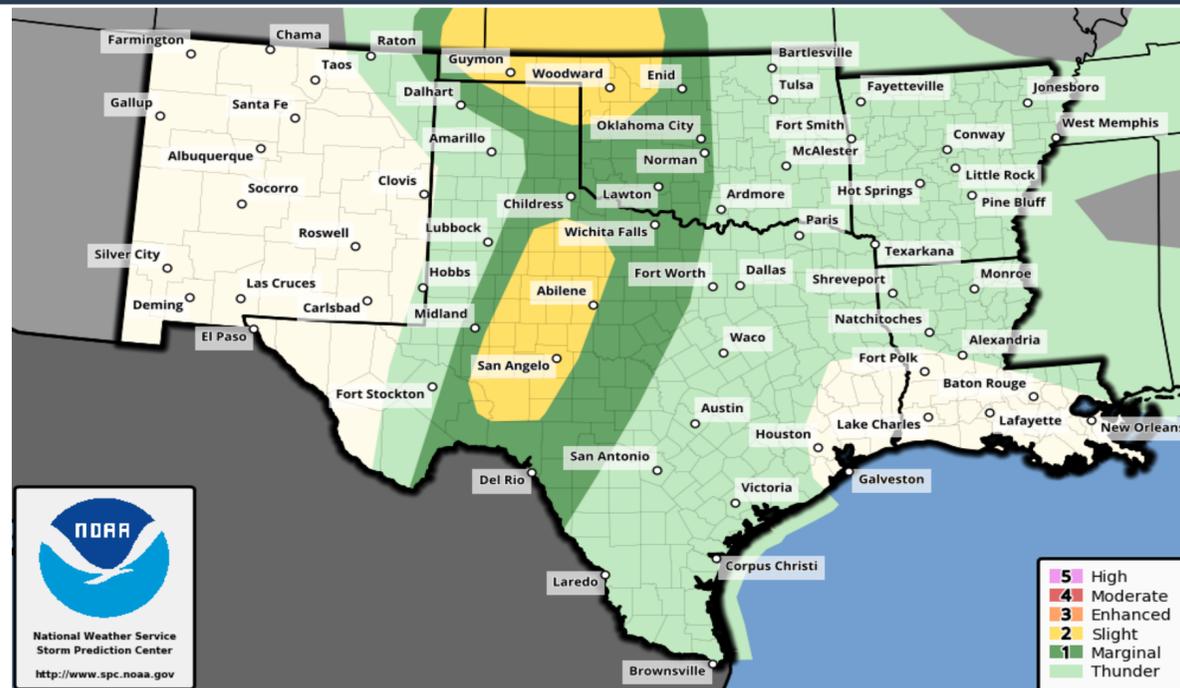
Isolated heavy rain/flash flooding across parts of TX, OK, AR, LA.



Weather Valid 8am EDT Thu May 21 2020 to 8am EDT Fri May 22 2020
Fronts Valid 8am EDT Thu May 21 2020
Issued 4:50 AM EDT Thu, May 21, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli with WPC/SPC/NHC forecasts.

Severe Weather Outlook

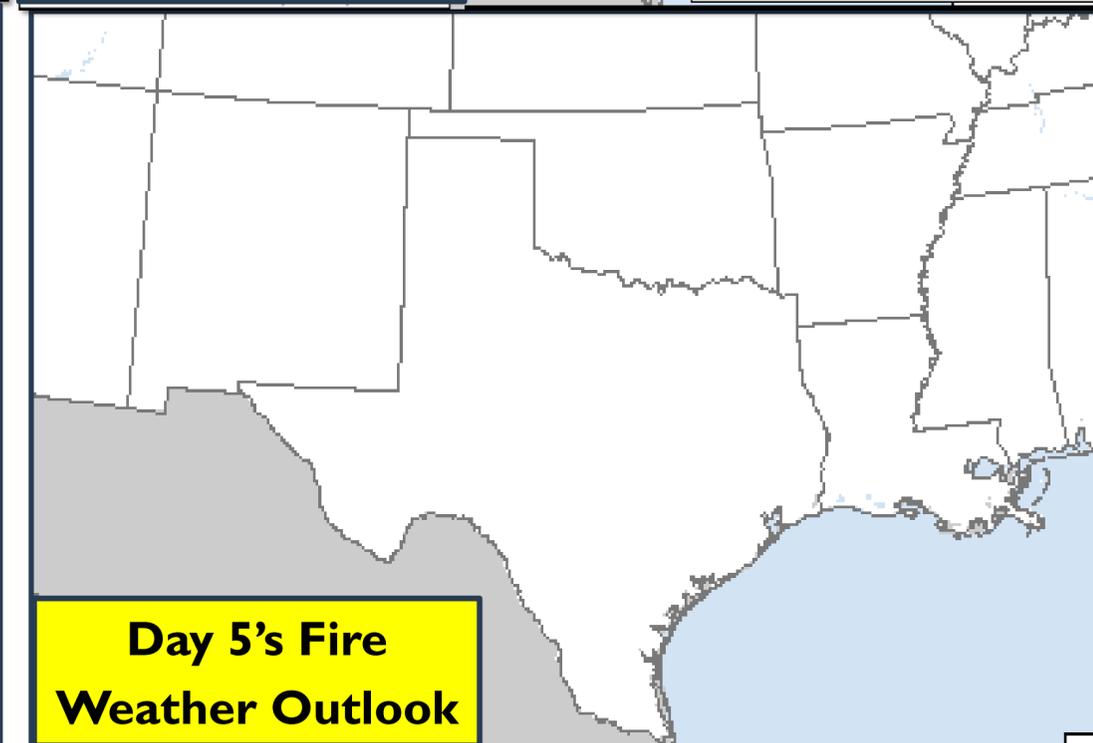
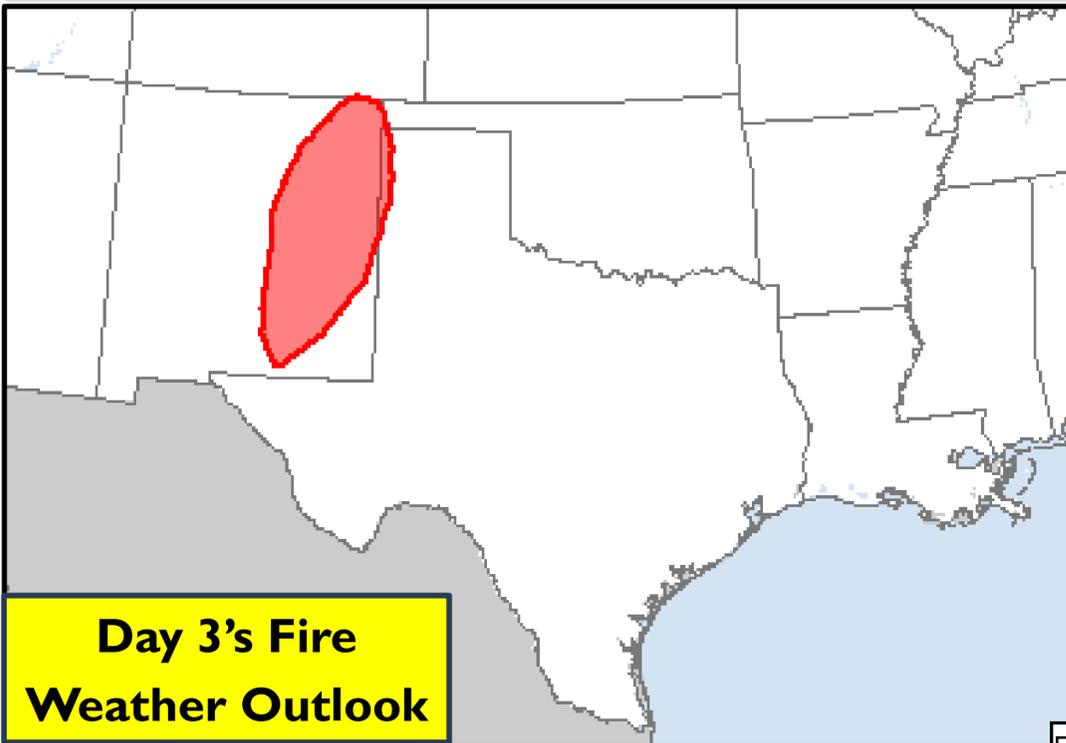
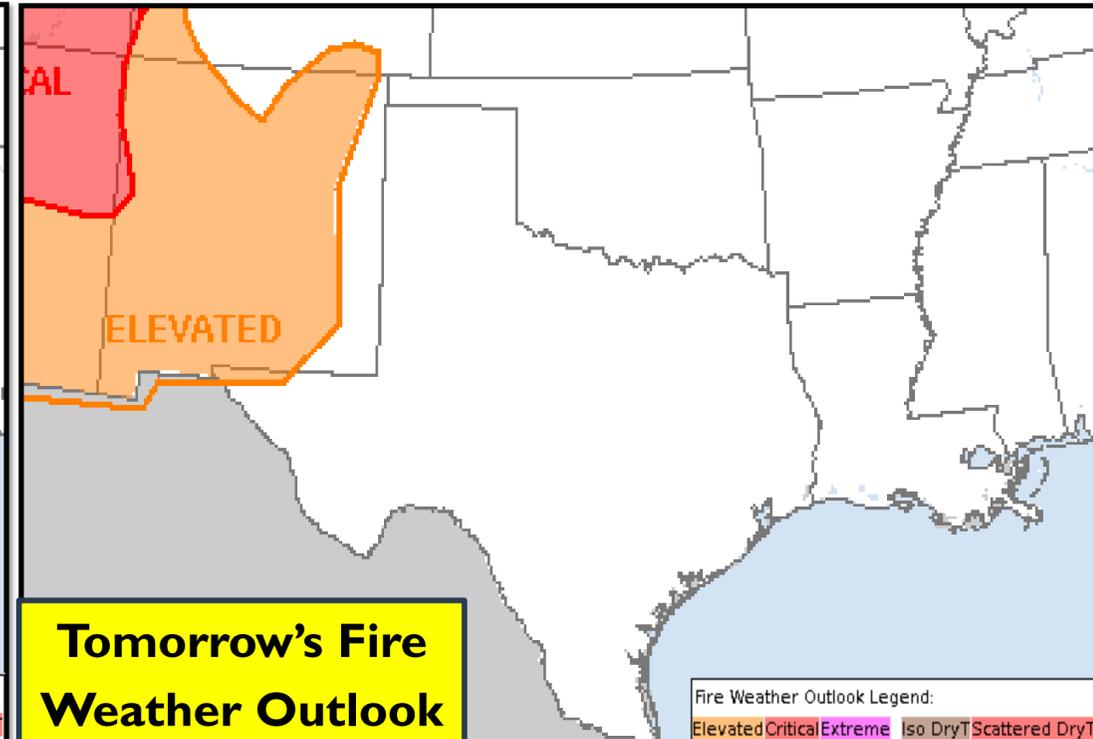
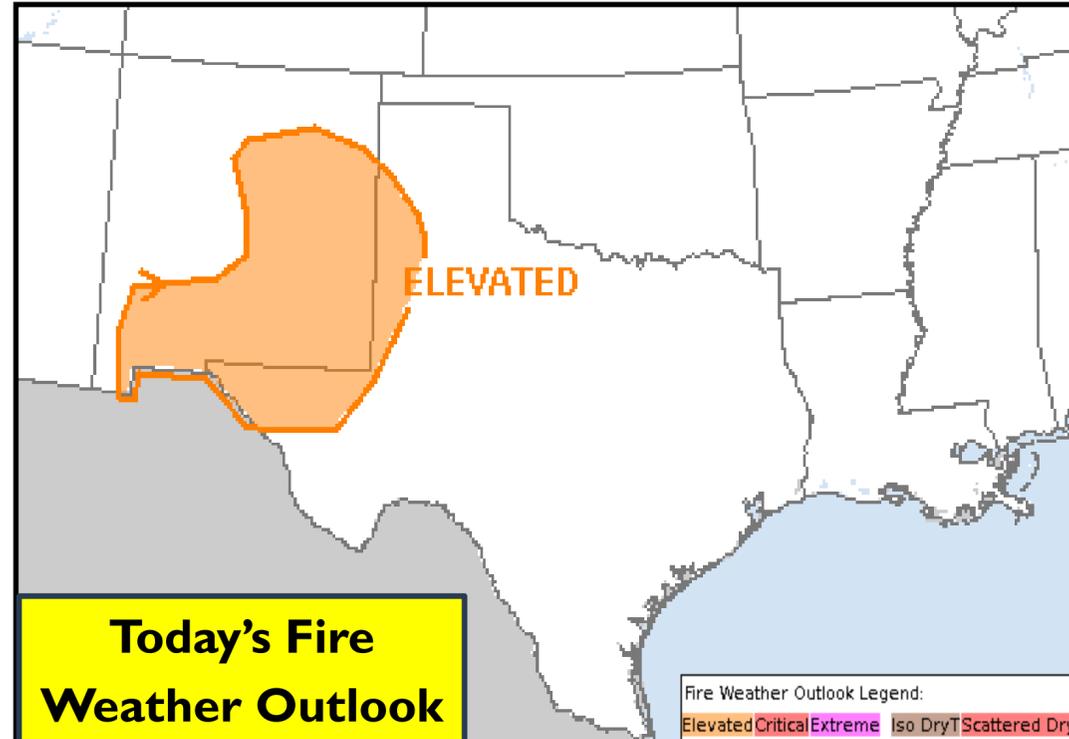
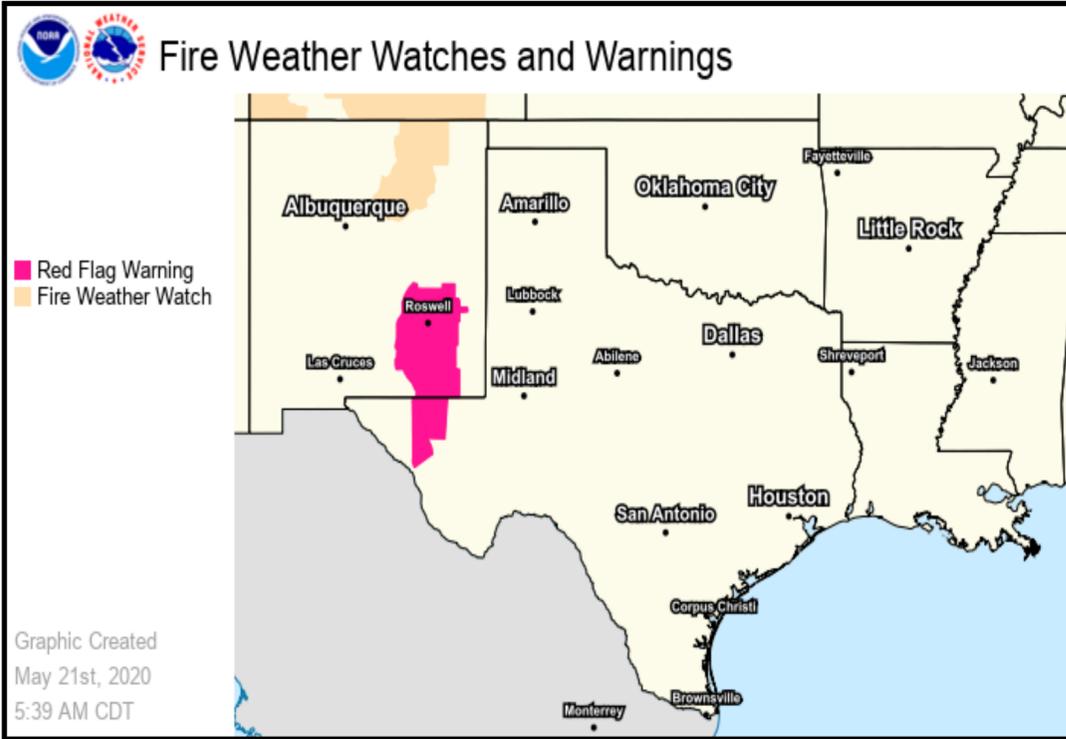
Excessive Rainfall Outlook



Fire Weather Outlooks



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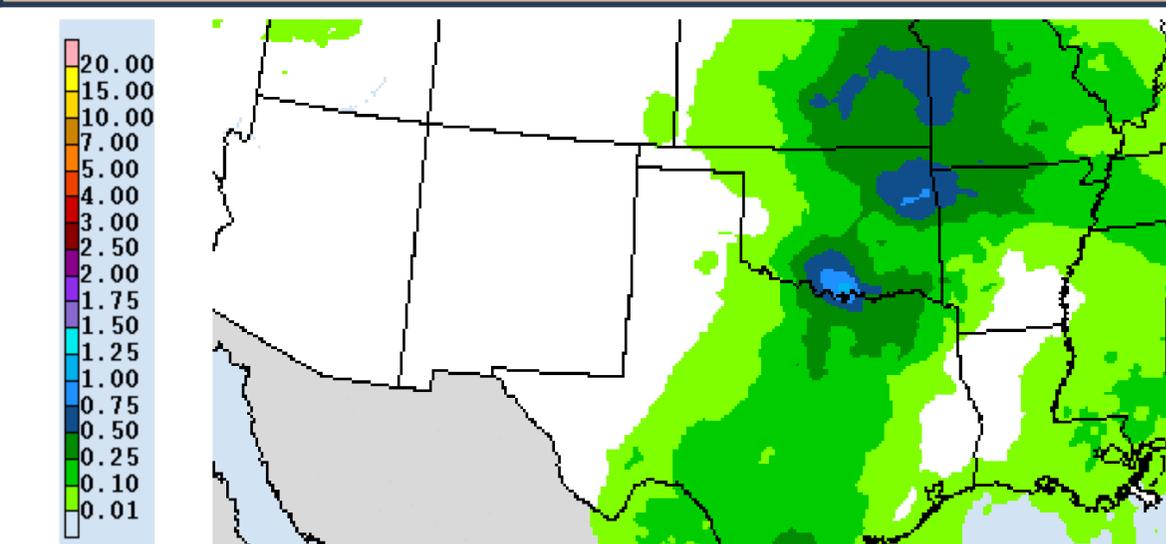
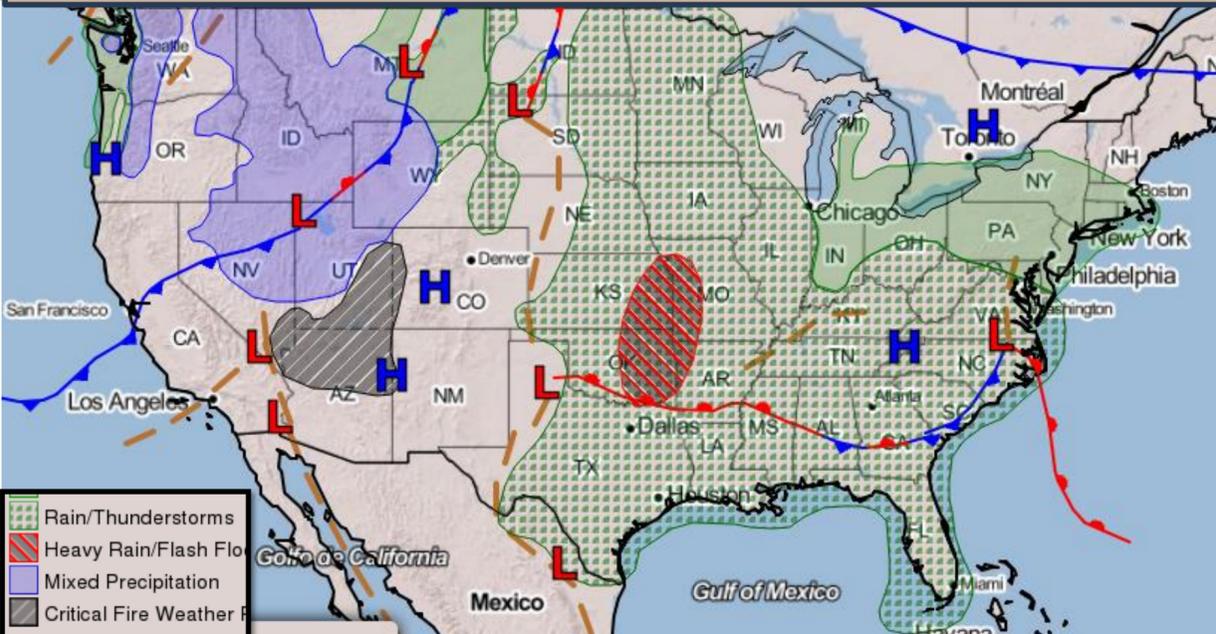
Tomorrow's Weather



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Forecast Chart

Forecast Rainfall



Heavy rainfall and flash flooding across E OK/W AR.

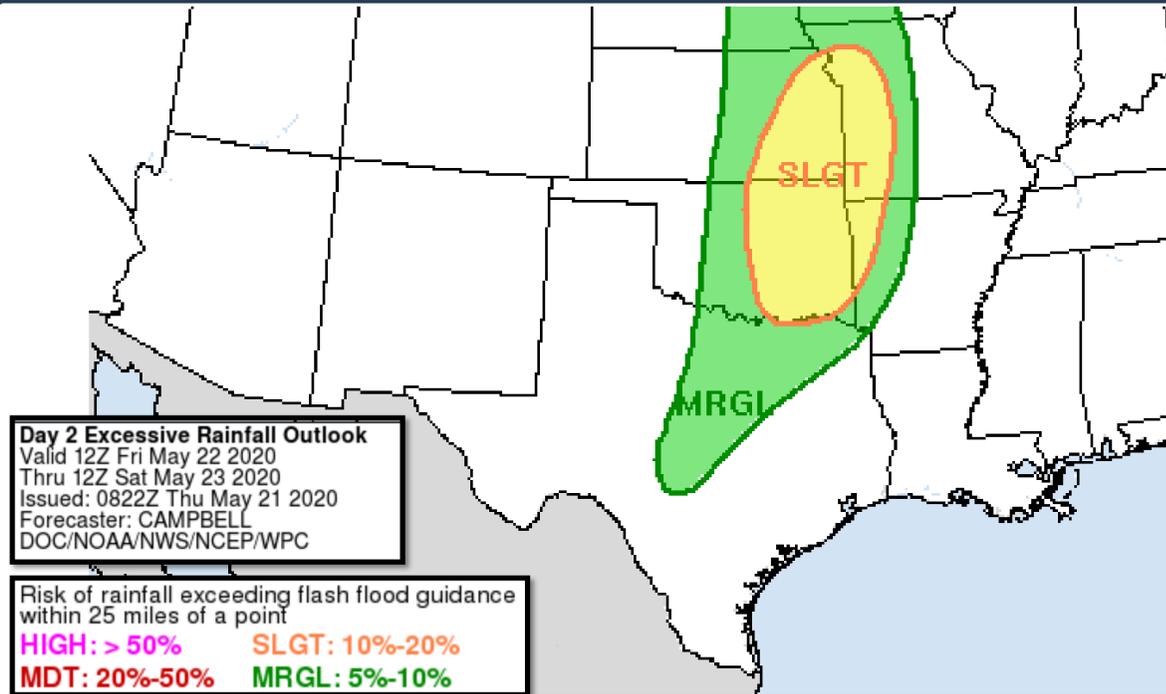
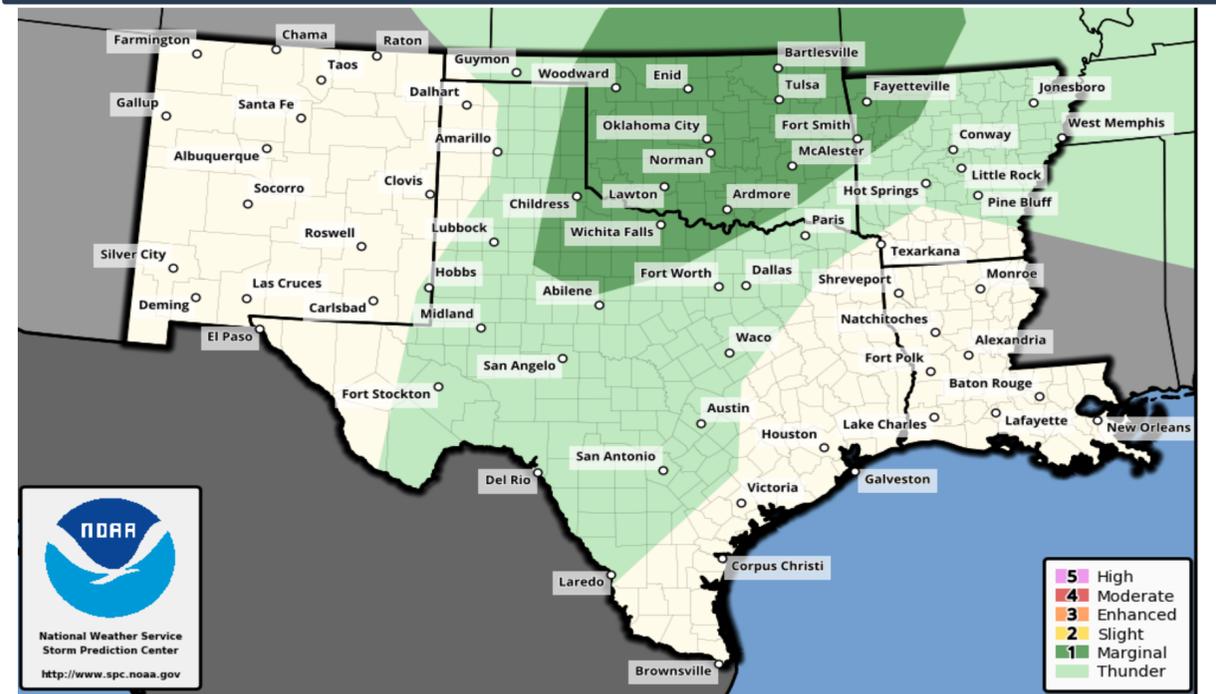
Isolated strong to severe storms across NW TX/OK/NW AR.

Weather Valid 8am EDT Fri May 22 2020 to 8am EDT Sat May 23 2020
Fronts Valid 8am EDT Fri May 22 2020
Issued 5:08 AM EDT Thu, May 21, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

24-Hour Day 2 QPF
Valid 12Z Fri May 22 2020
Thru 12Z Sat May 23 2020
Issued: 0845Z Thu May 21 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Fri May 22 2020
Thru 12Z Sat May 23 2020
Issued: 0822Z Thu May 21 2020
Forecaster: CAMPBELL
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point

HIGH: > 50%	SLGT: 10%-20%
MDT: 20%-50%	MRGL: 5%-10%

Saturday's Weather

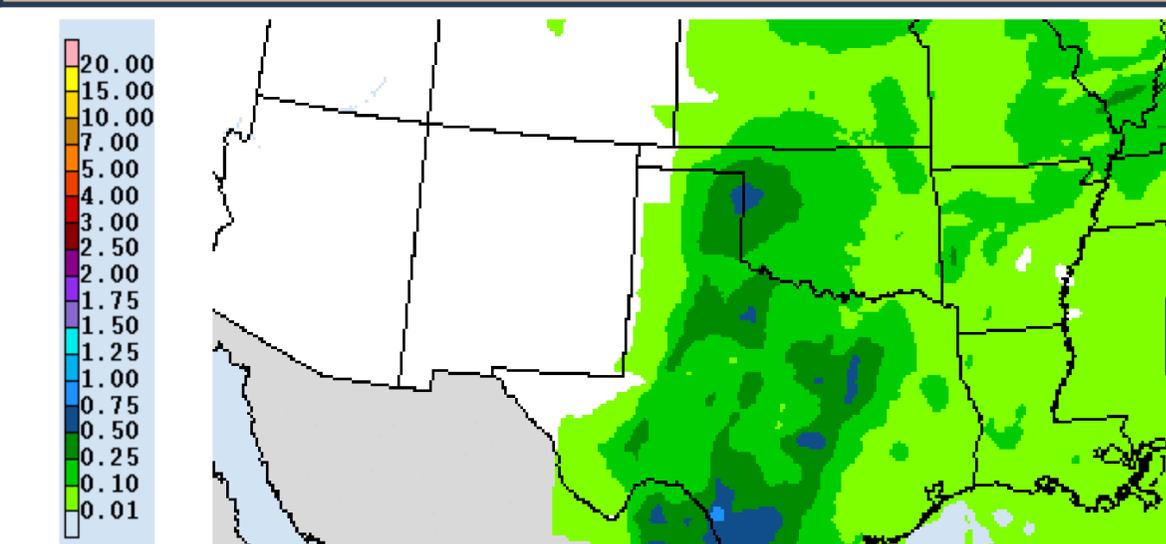
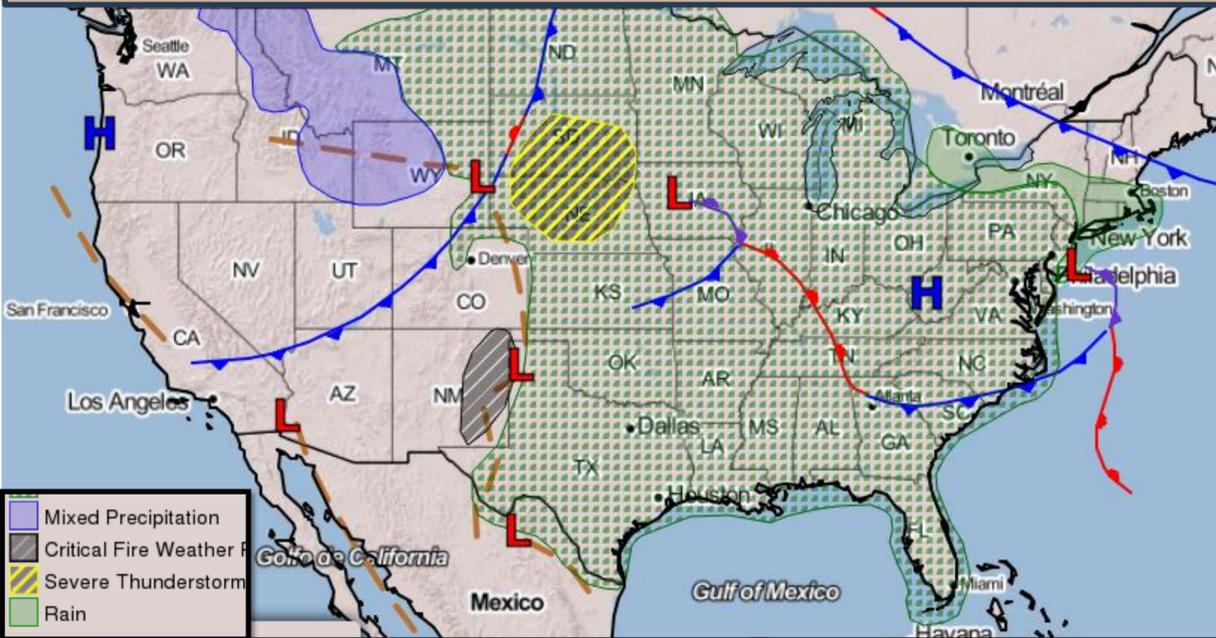


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Forecast Chart

Forecast Rainfall

Isolated strong to severe storms across the Panhandles, W OK, W TX.

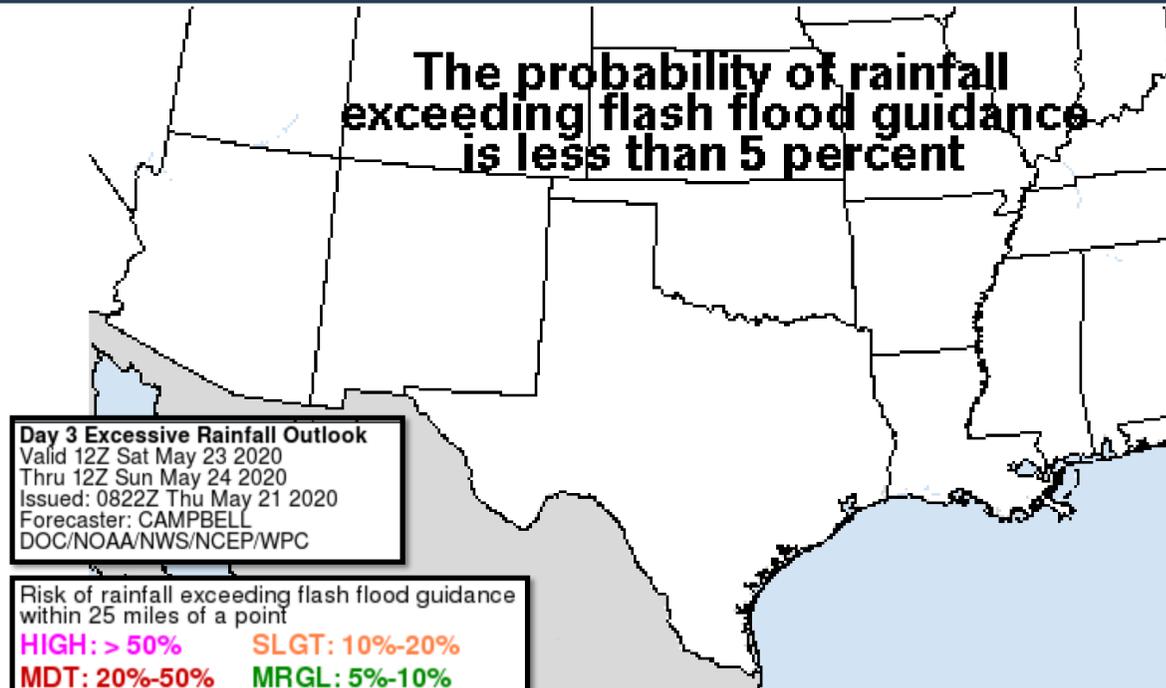
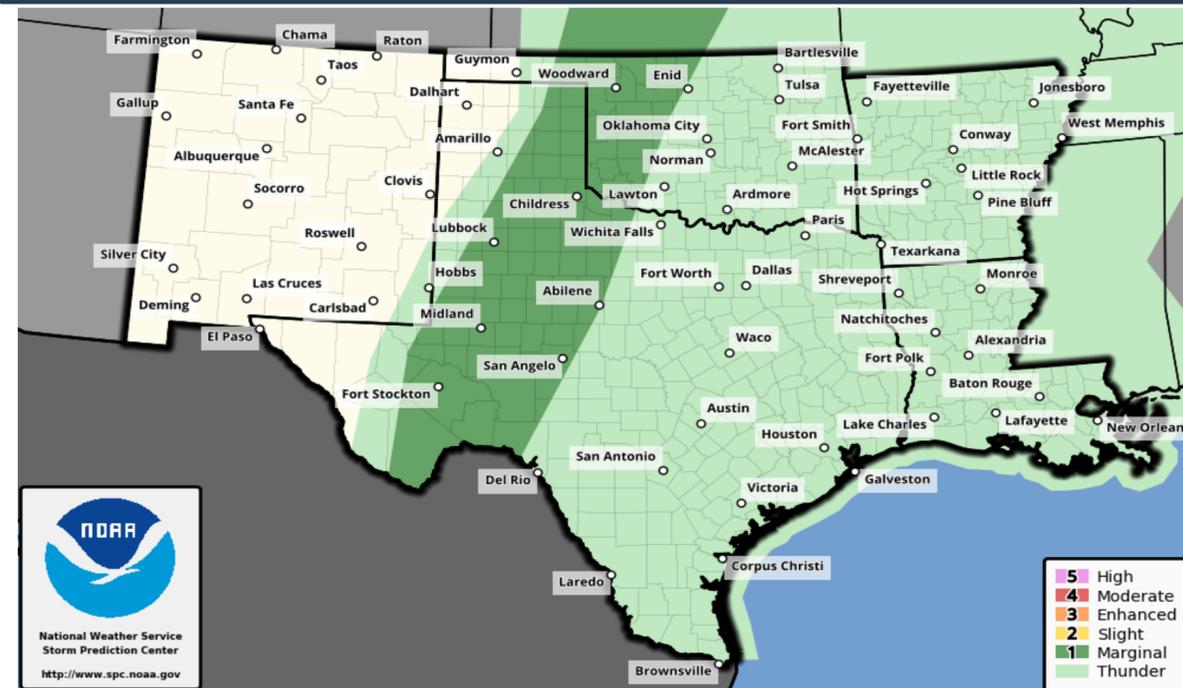


Weather Valid 8am EDT Sat May 23 2020 to 8am EDT Sun May 24 2020
Fronts Valid 8am EDT Sat May 23 2020
Issued 5:10 AM EDT Thu, May 21, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

24-Hour Day 3 QPF
Valid 12Z Sat May 23 2020
Thru 12Z Sun May 24 2020
Issued: 0845Z Thu May 21 2020

Severe Weather Outlook

Excessive Rainfall Outlook



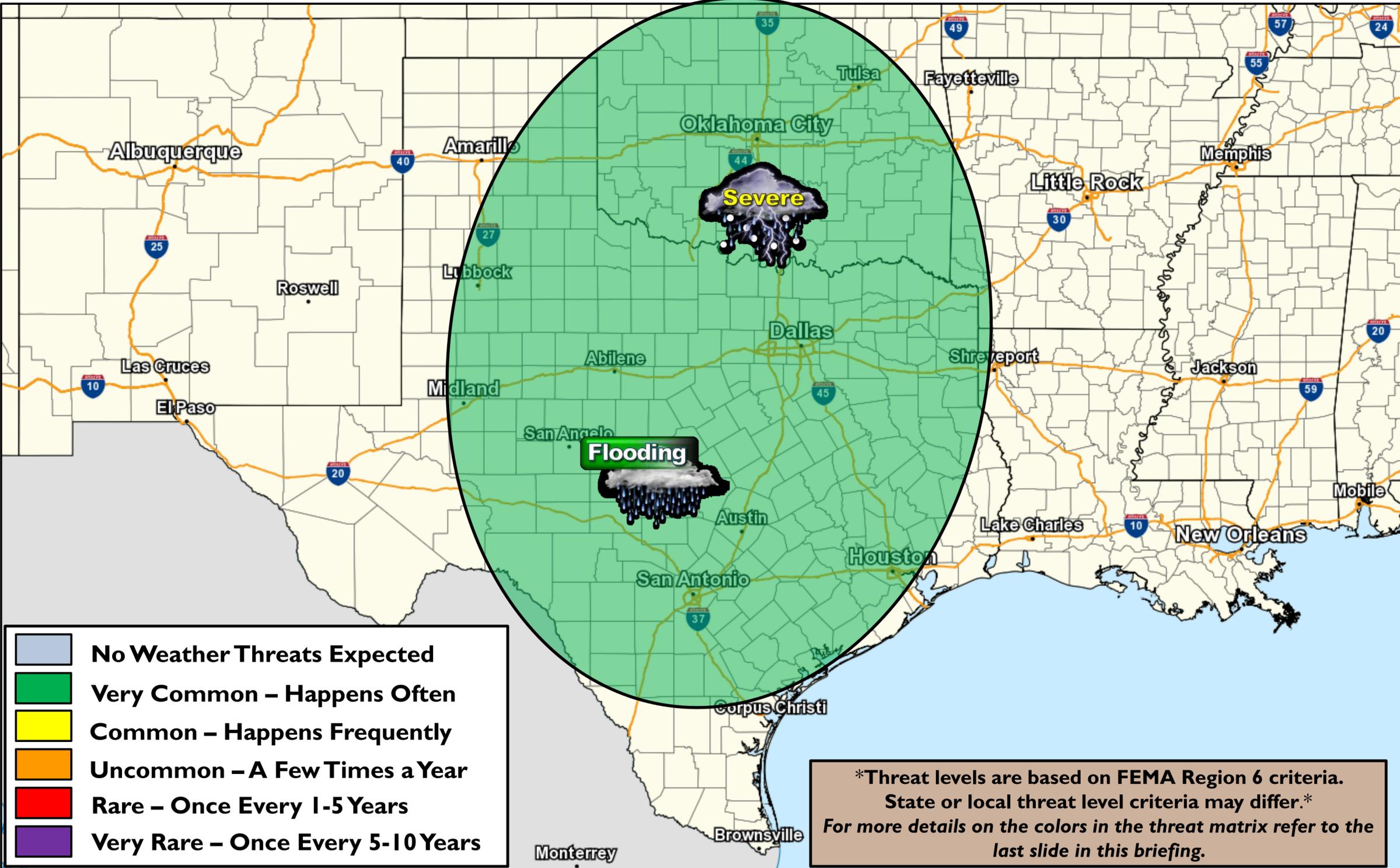
Days 4-5 Weather Hazards

Sunday - Monday



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Isolated strong to severe storms and heavy rainfall and flash flooding across TX/OK.

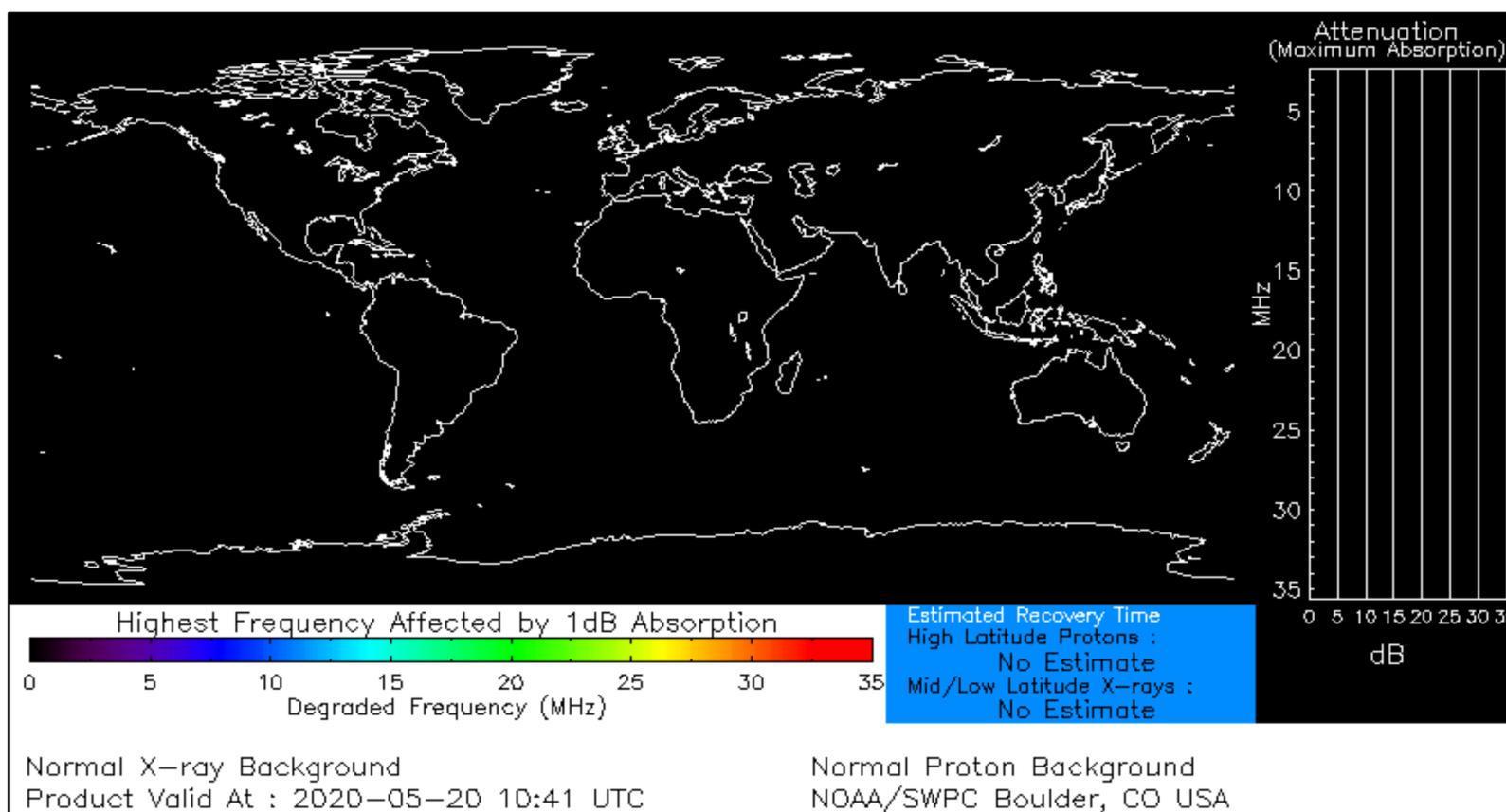


Space Weather 3-Day Forecast



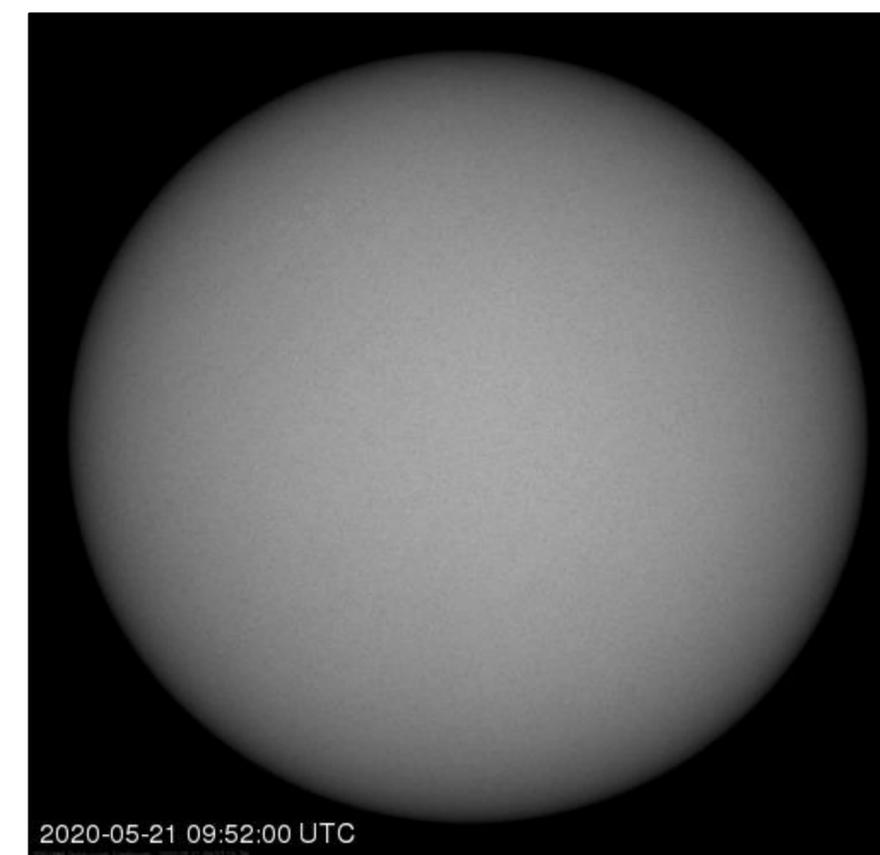
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

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

Web: <http://www.weather.gov/srh>



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;">Very Common</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 <u>seabreeze</u> storms in coastal TX
Yellow	<p style="text-align: center;">Somewhat Common – Happens Frequently</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;">Uncommon – A Few Times a Year</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;">Rare – Once every 1-5 Years</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;">Very Rare – Once Every 5-10 Years</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.