



FEMA



Prepared by
Jennifer McNatt

FEMA Region 6 Weather Threat Briefing

Sunday May 17, 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.



- **Isolated heavy rainfall/flash flooding possible across E TX, AR & LA today.**
 - **May lead to additional minor river flooding in these areas.**
- **After this round of rain exits the Region late tonight, it should be relatively quiet through at least mid-week.**
- **Elevated to critical fire weather conditions expected over portions of NM through mid-week.**

FEMA Region 6 Threat Matrix

May 17, 2020 - May 21, 2020



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DAY / THREAT	Sun	Mon	Tue	Wed	Thu
Severe Storms					
Heavy Rain / Flash Flooding	E TX, AR, LA				
Fire Weather	W NM	W NM	W NM	NM	
Tropical Weather					
Winter Weather					
River Flooding	MS River & NE OK	MS River & NE OK	MS River	MS River, AR, LA	MS River, AR, LA
	TX, AR, LA	TX, AR, LA	TX, 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.

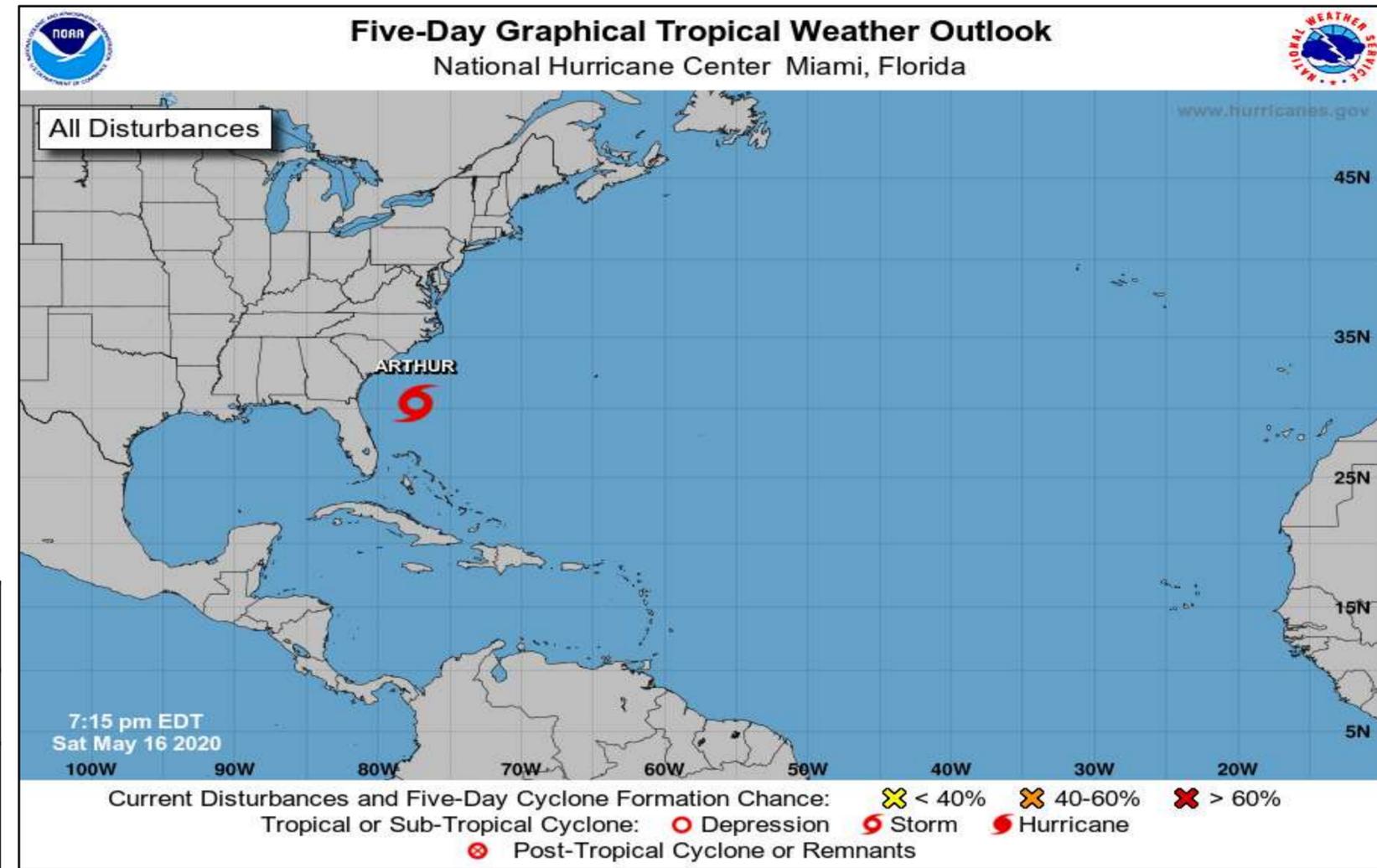


Areas of Possible Development

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

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Arthur	None

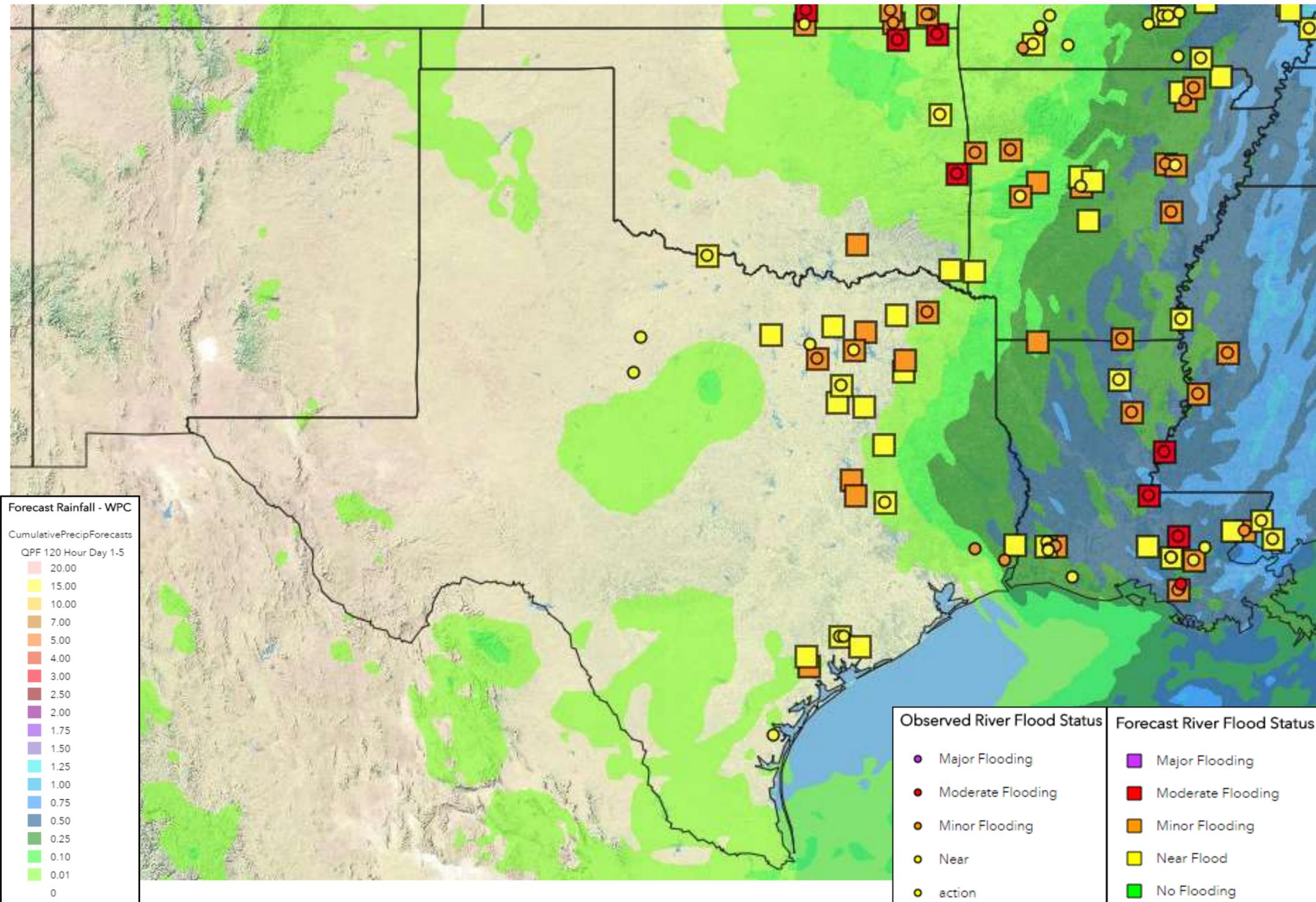


5-Day Precipitation Forecast & River Flood Status



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



Points on the MS River in SE LA should fall below moderate flood stage by the middle of this week.

Moderate flooding in NE OK; points should begin receding Monday into Tuesday. Impacts are mostly agricultural, with some farm roads also flooded.

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

Points along the Arkansas River will continue a slow rise, cresting near Fort Smith today and around Little Rock on Tuesday.

Today's Weather

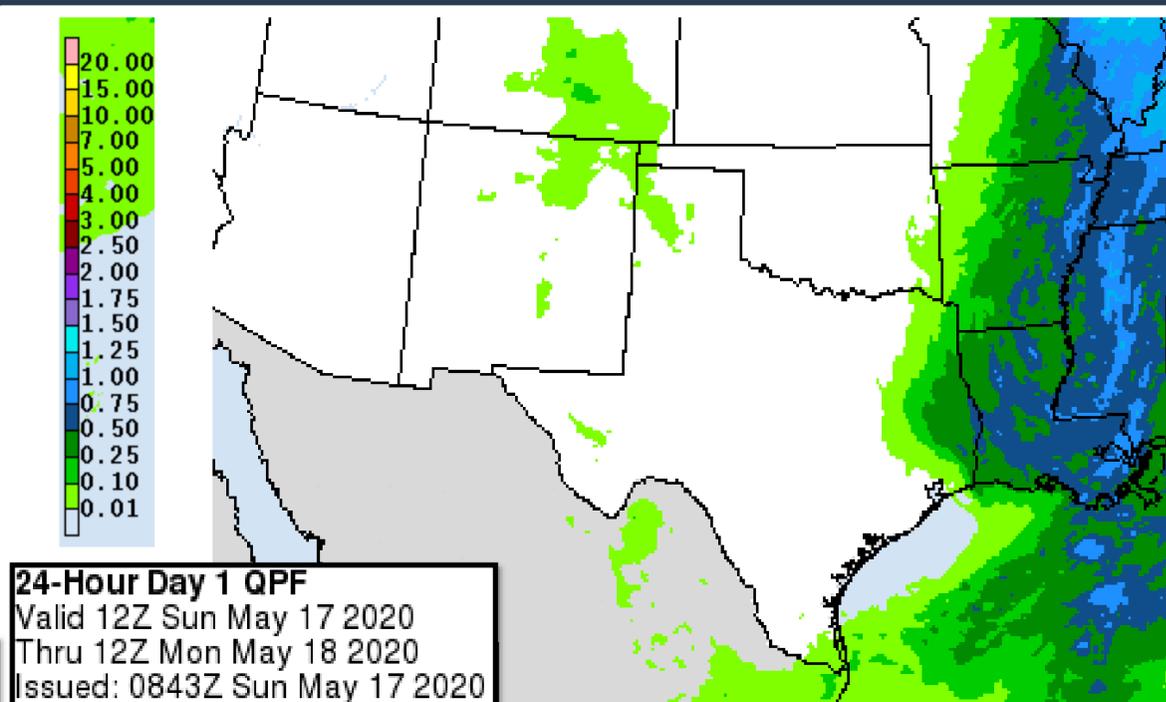
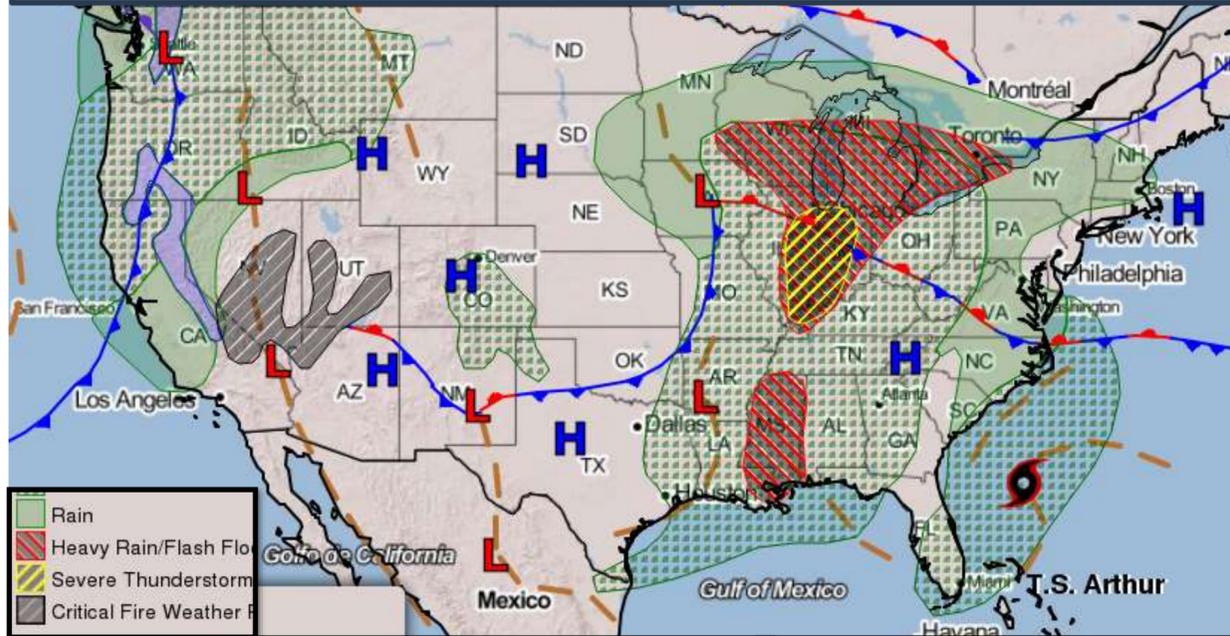


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Forecast Chart

Forecast Rainfall

Isolated heavy rain/flash flooding possible over AR, LA and E TX.

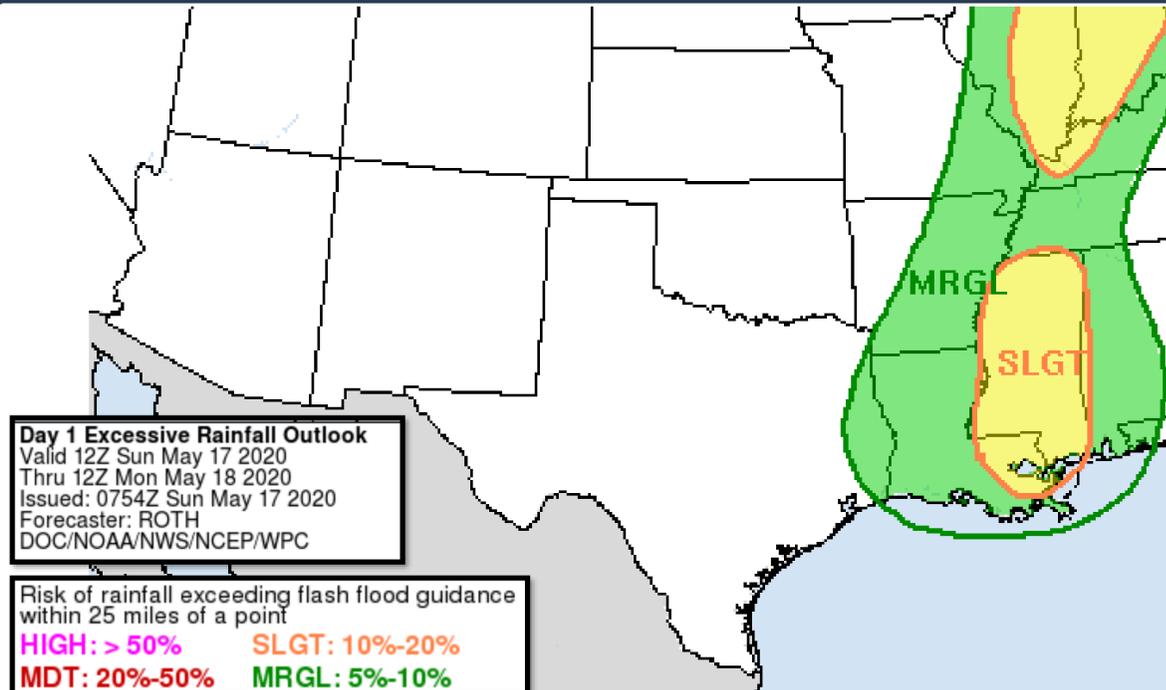
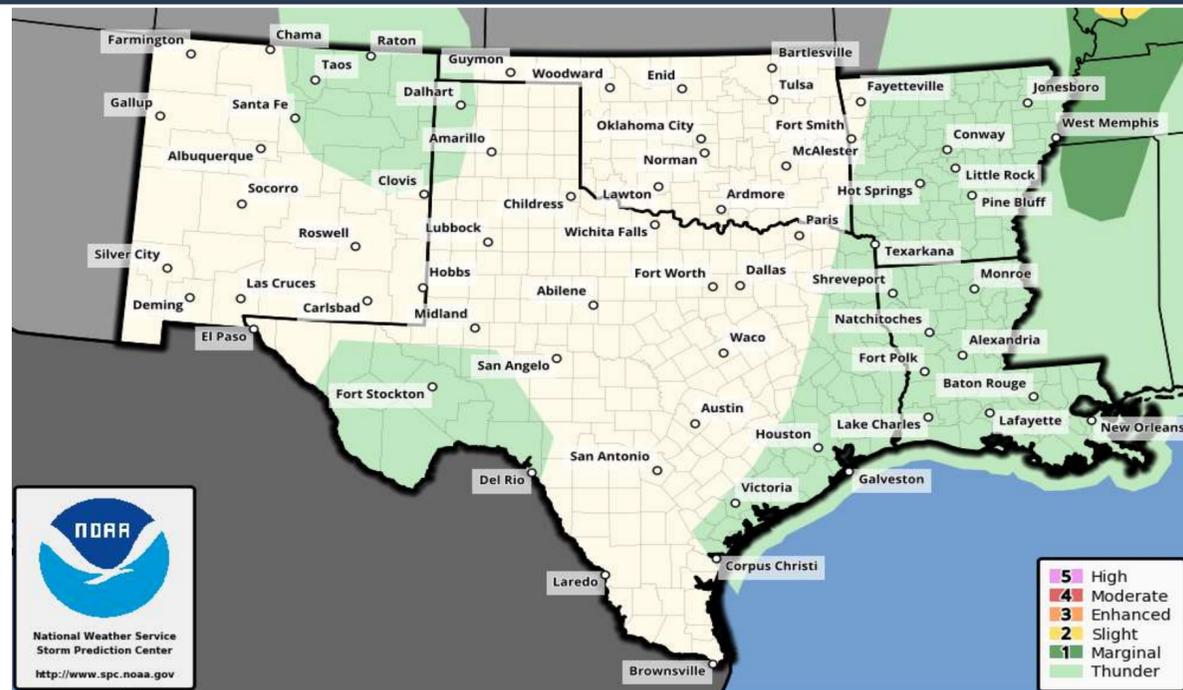


Weather Valid 8am EDT Sun May 17 2020 to 8am EDT Mon May 18 2020
Fronts Valid 8am EDT Sun May 17 2020
Issued 3:21 AM EDT Sun, May 17, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli with WPC/SPC/NHC forecasts.

24-Hour Day 1 QPF
Valid 12Z Sun May 17 2020
Thru 12Z Mon May 18 2020
Issued: 0843Z Sun May 17 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 1 Excessive Rainfall Outlook
Valid 12Z Sun May 17 2020
Thru 12Z Mon May 18 2020
Issued: 0754Z Sun May 17 2020
Forecaster: ROTH
DOC/NOAA/NWS/NCEP/WPC

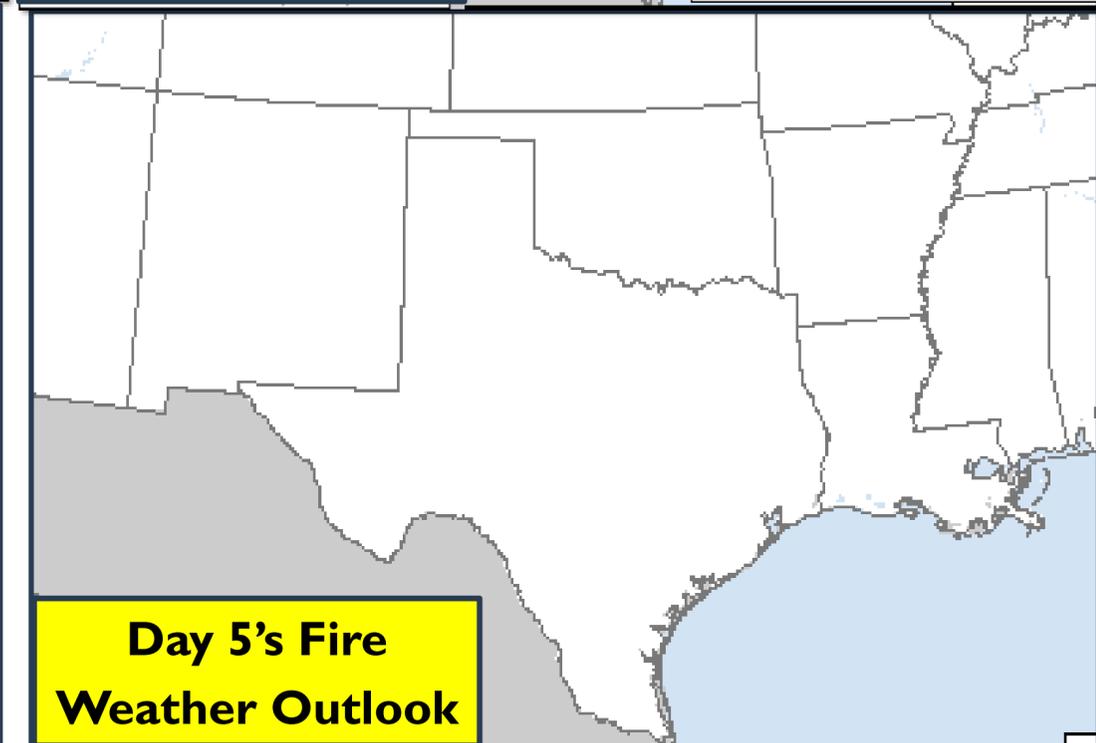
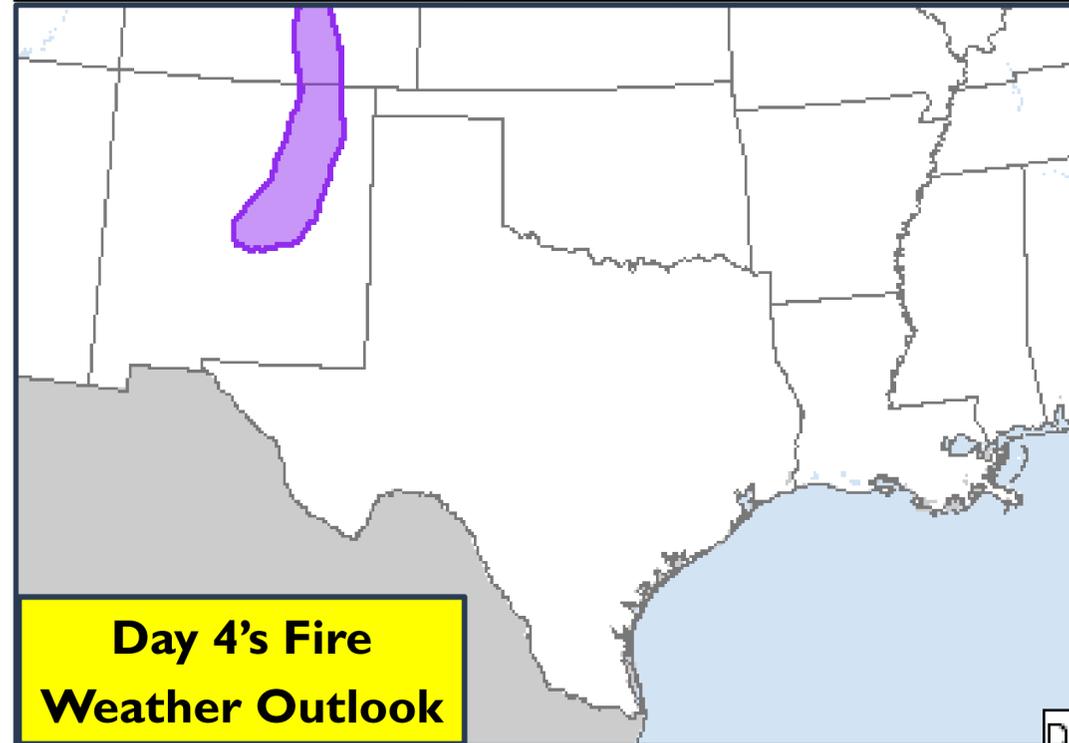
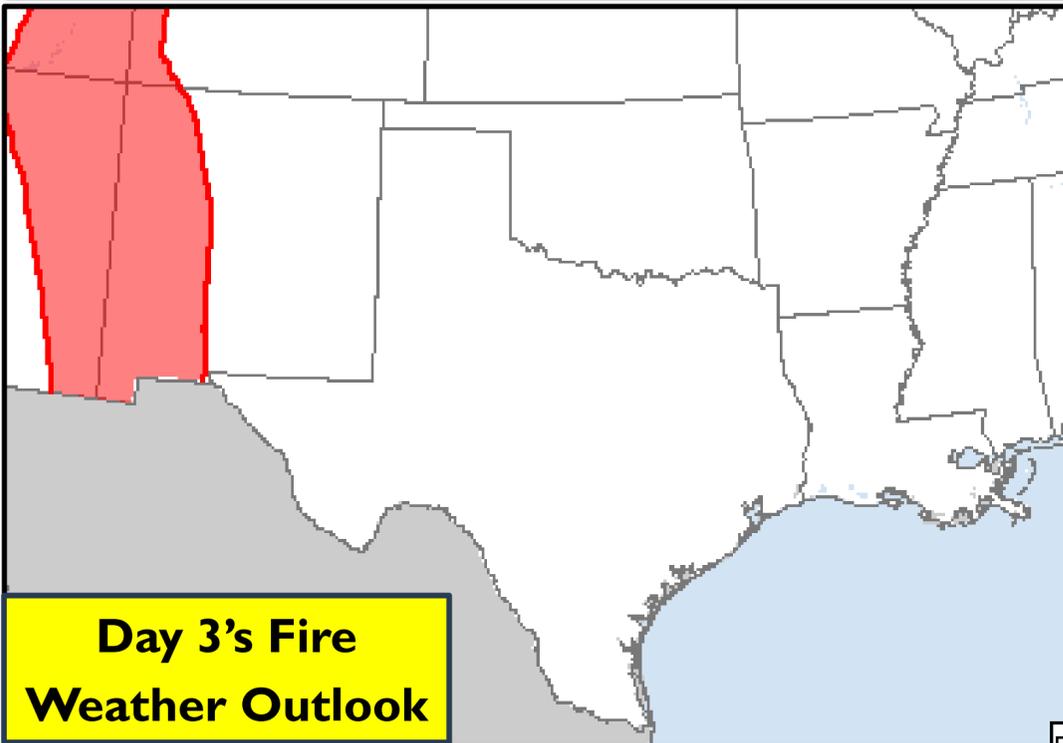
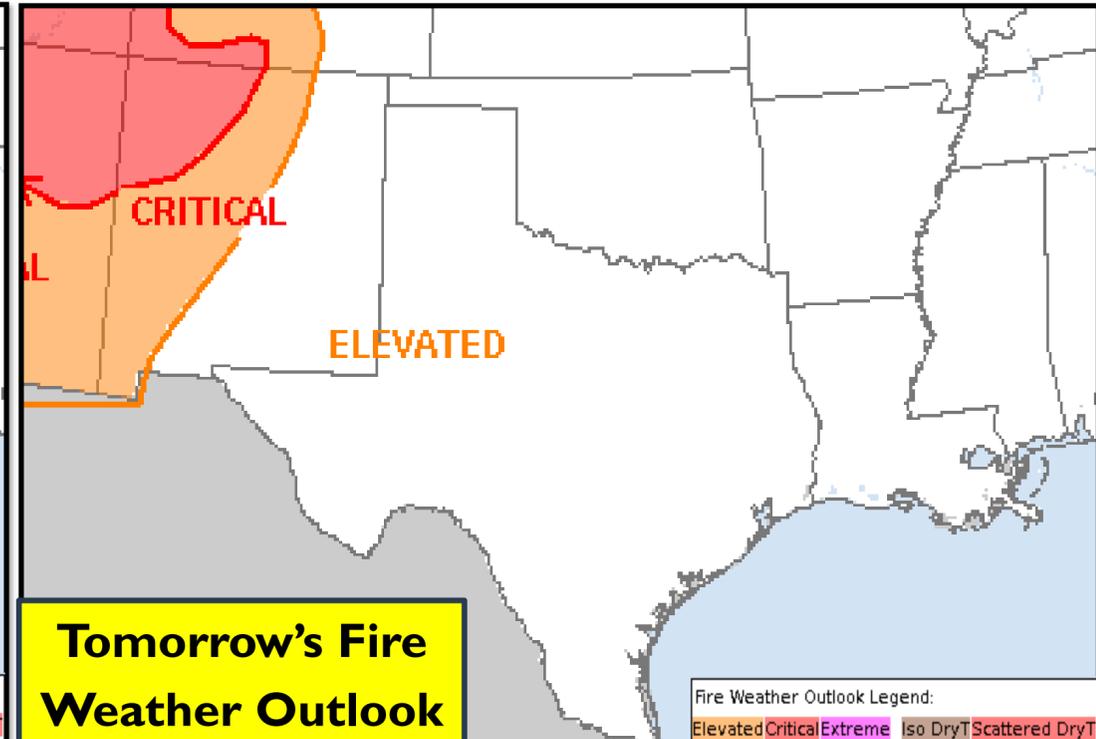
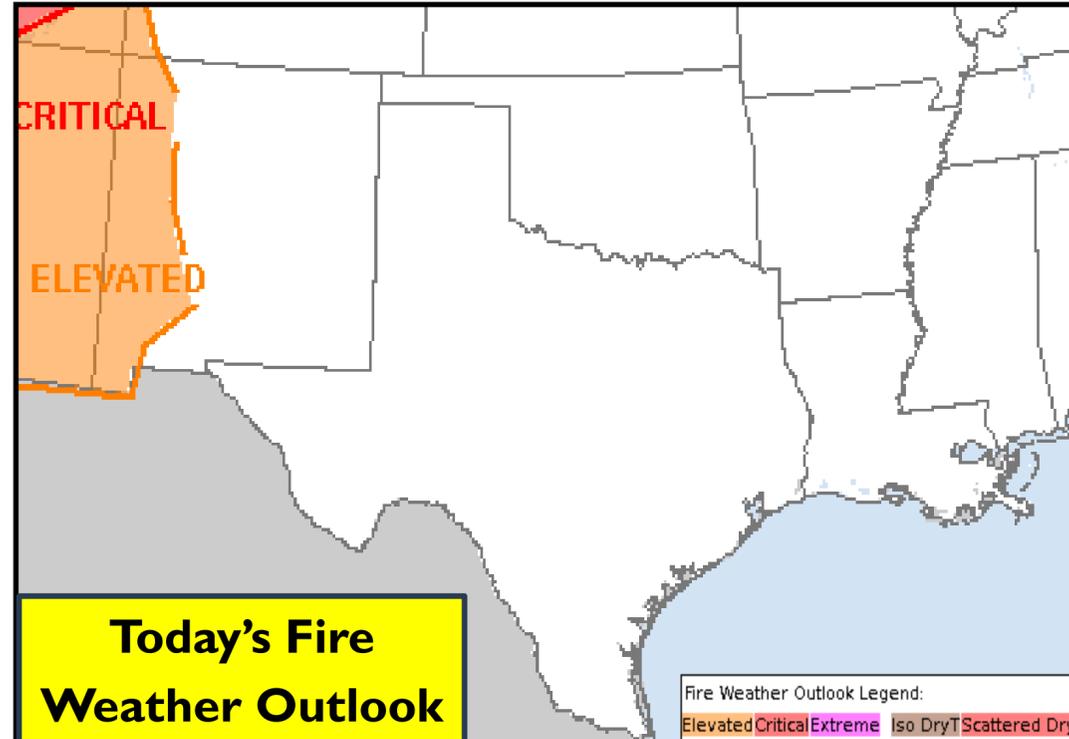
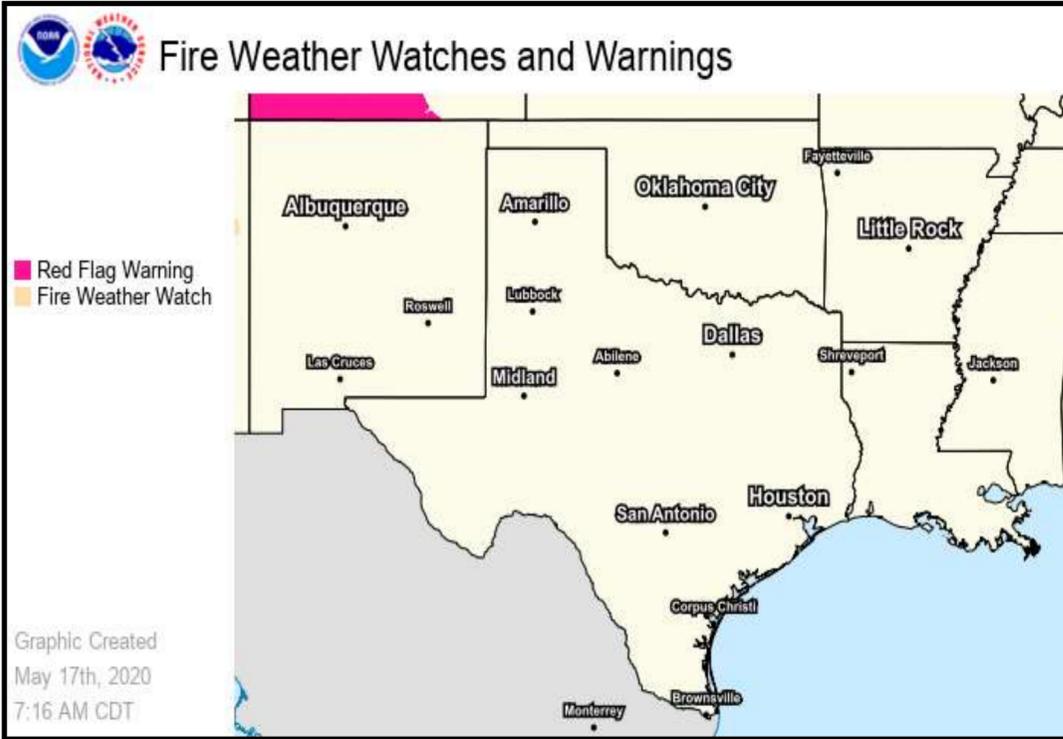
Risk of rainfall exceeding flash flood guidance within 25 miles of a point

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

Fire Weather Outlooks



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Tomorrow's Weather

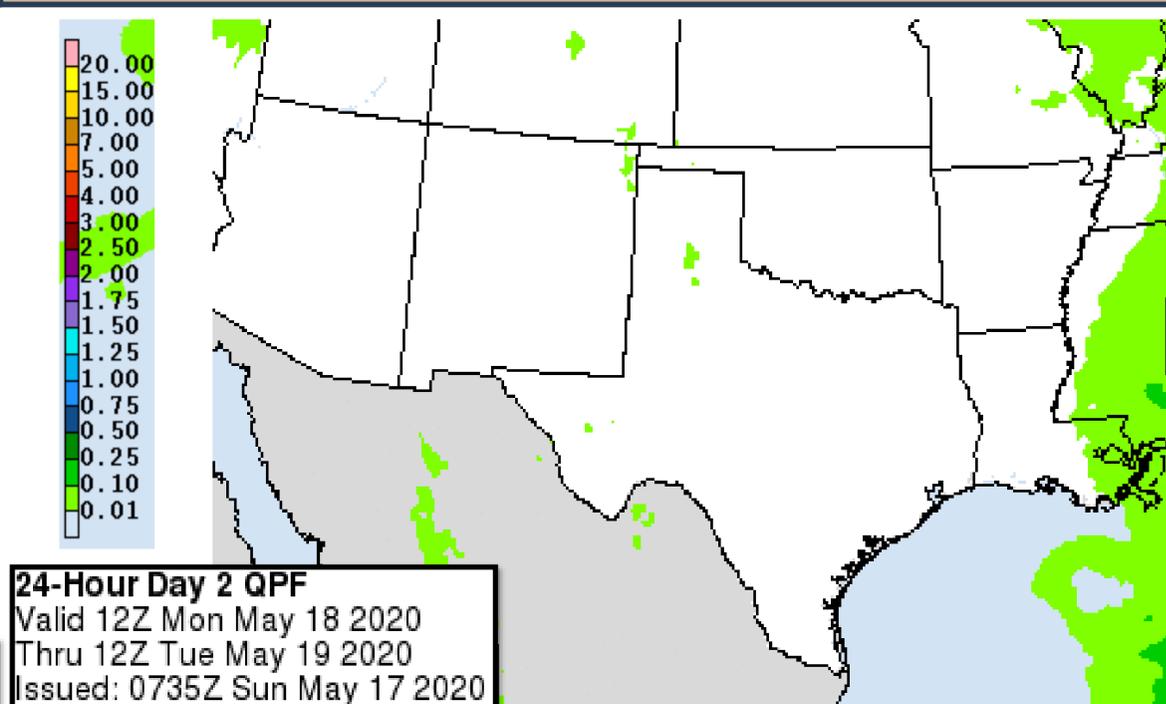
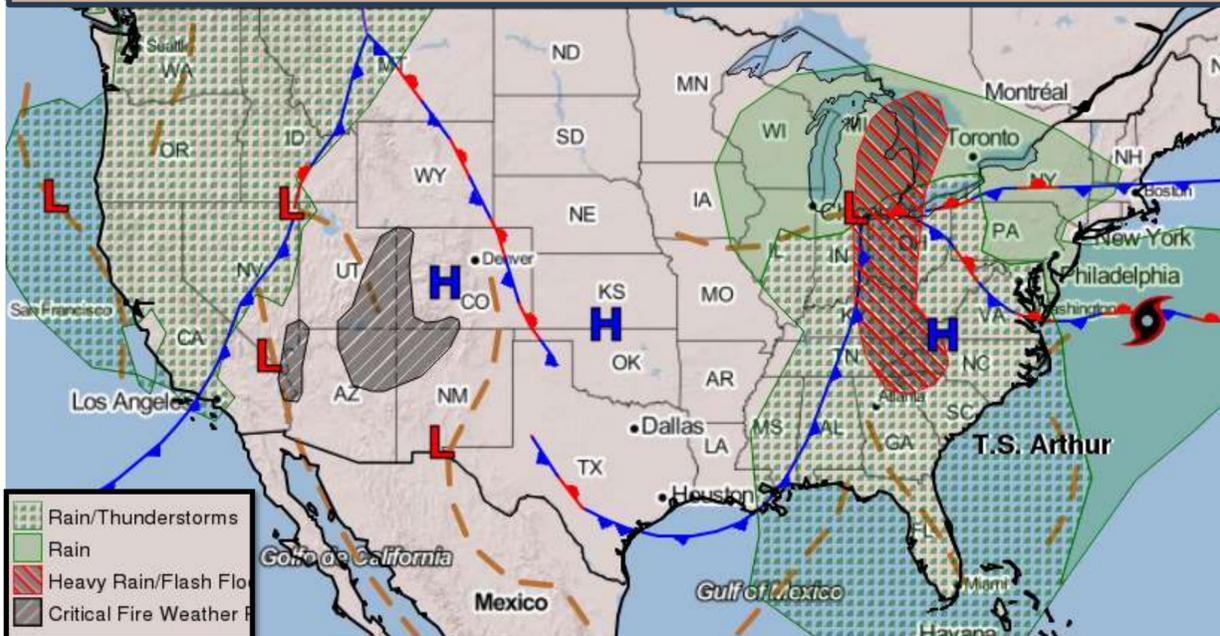


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Forecast Chart

Forecast Rainfall

No significant weather expected.

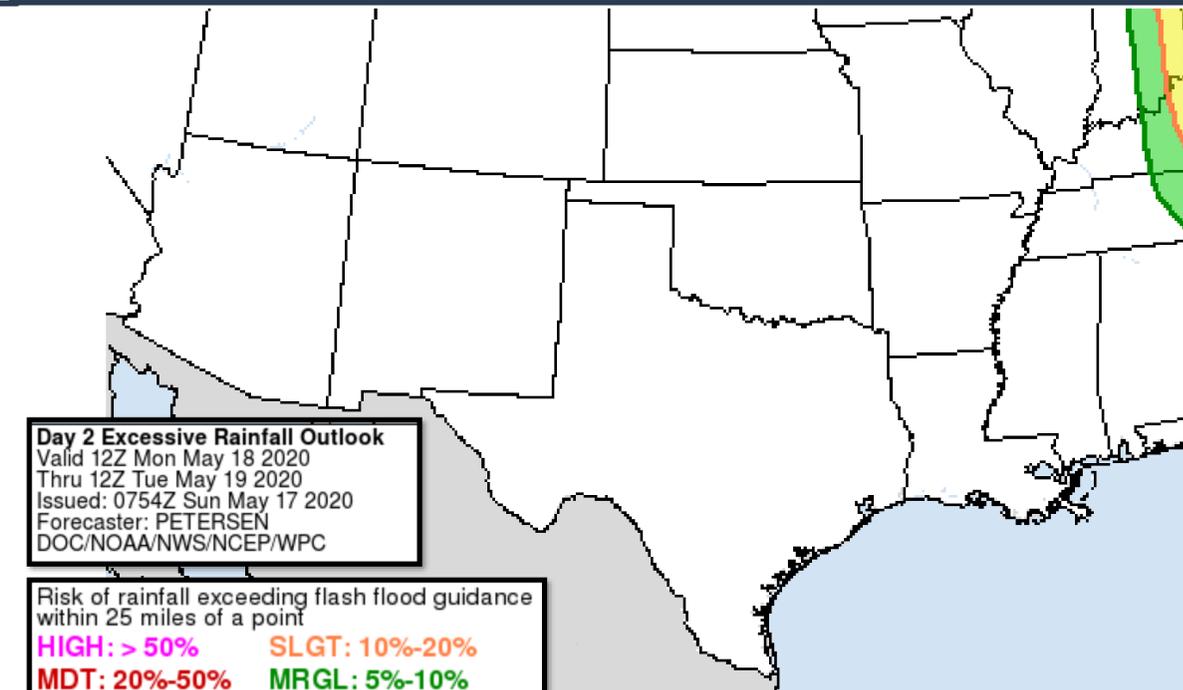
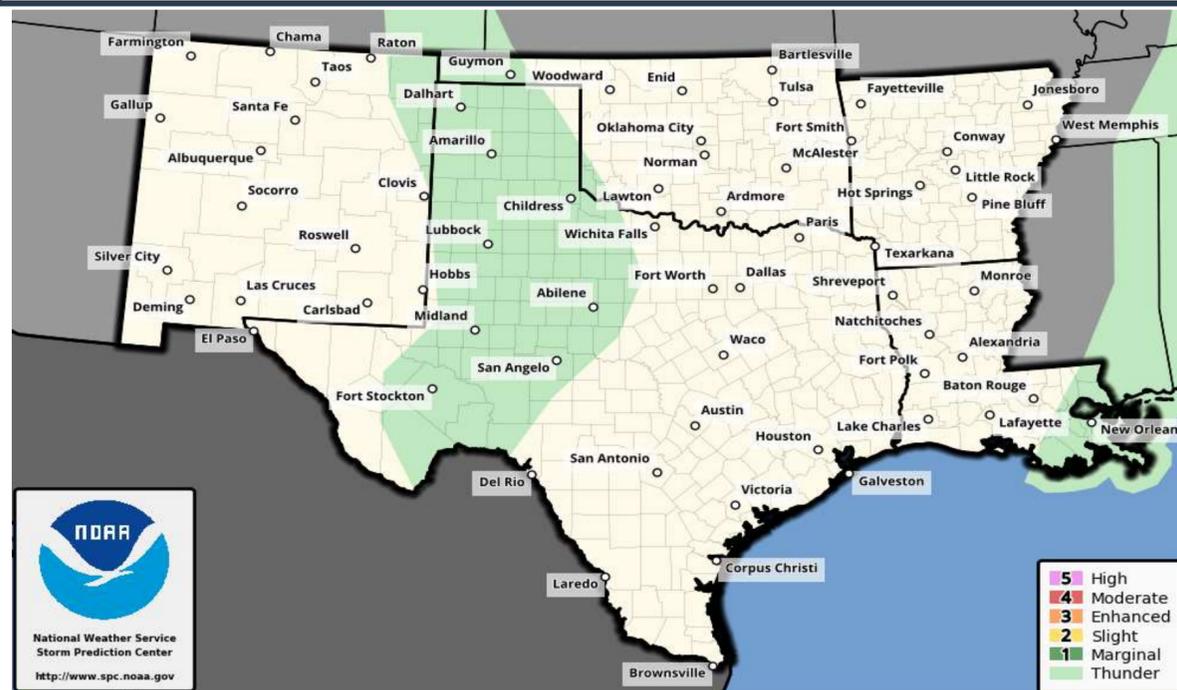


Weather Valid 8am EDT Mon May 18 2020 to 8am EDT Tue May 19 2020
Fronts Valid 8am EDT Mon May 18 2020
Issued 5:07 AM EDT Sun, May 17, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Campbell with WPC/SPC/NHC forecasts.

24-Hour Day 2 QPF
Valid 12Z Mon May 18 2020
Thru 12Z Tue May 19 2020
Issued: 0735Z Sun May 17 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Mon May 18 2020
Thru 12Z Tue May 19 2020
Issued: 0754Z Sun May 17 2020
Forecaster: PETERSEN
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%**



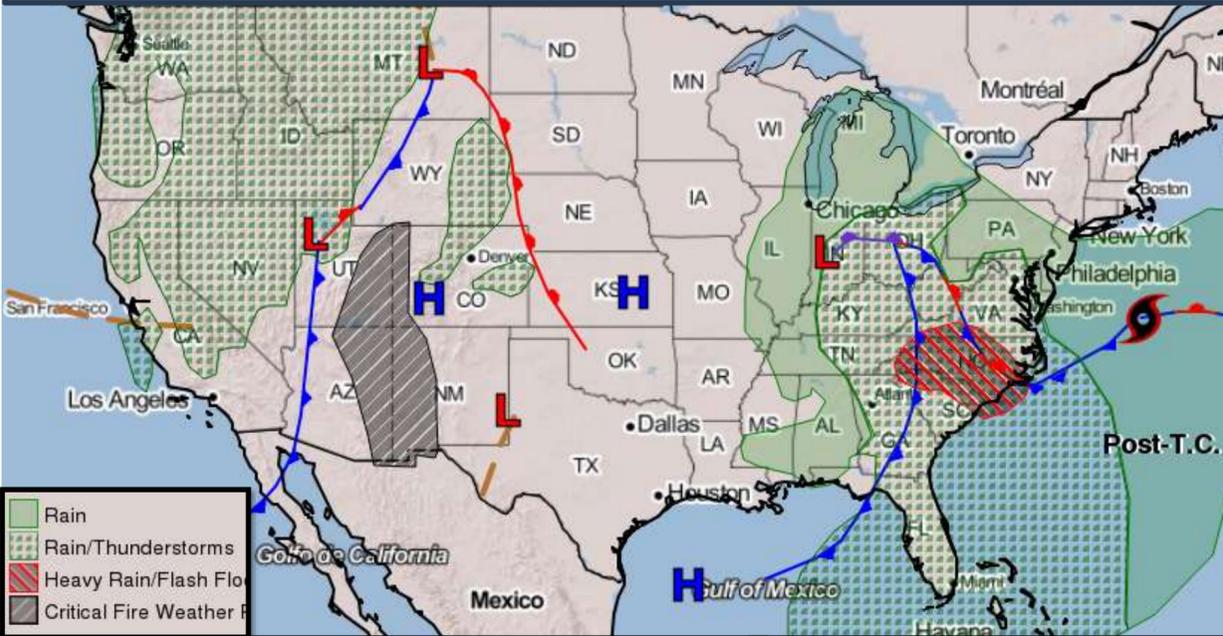
Tuesday's Weather



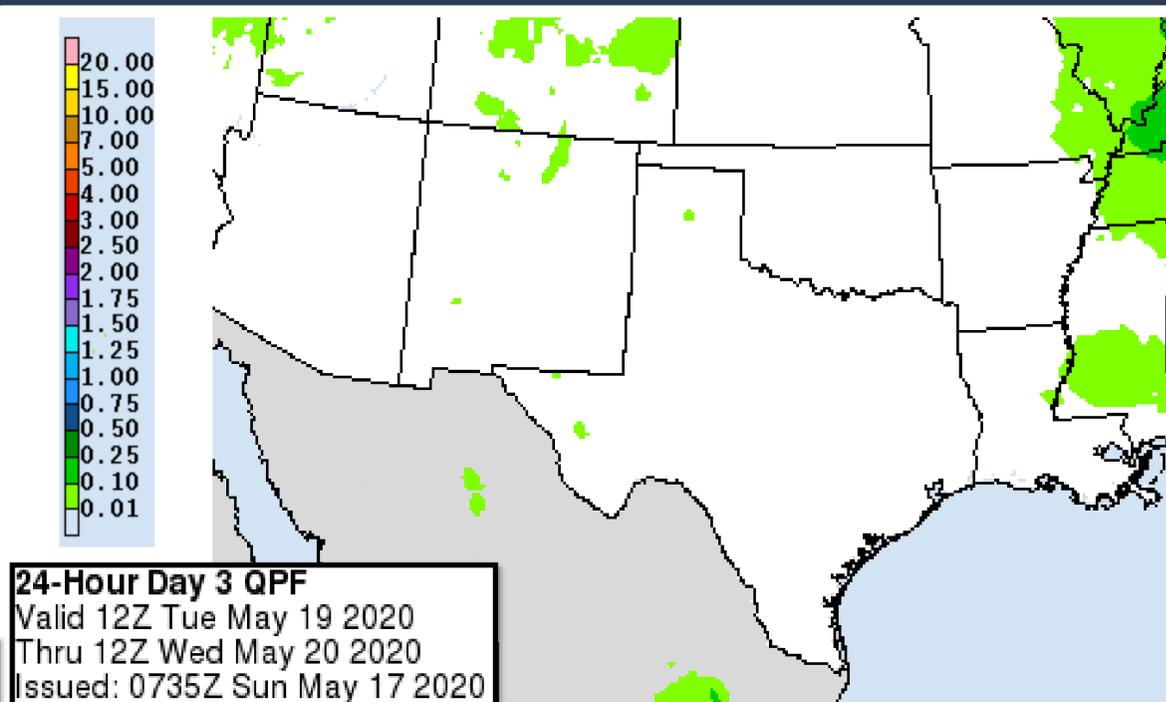
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Forecast Chart

Forecast Rainfall



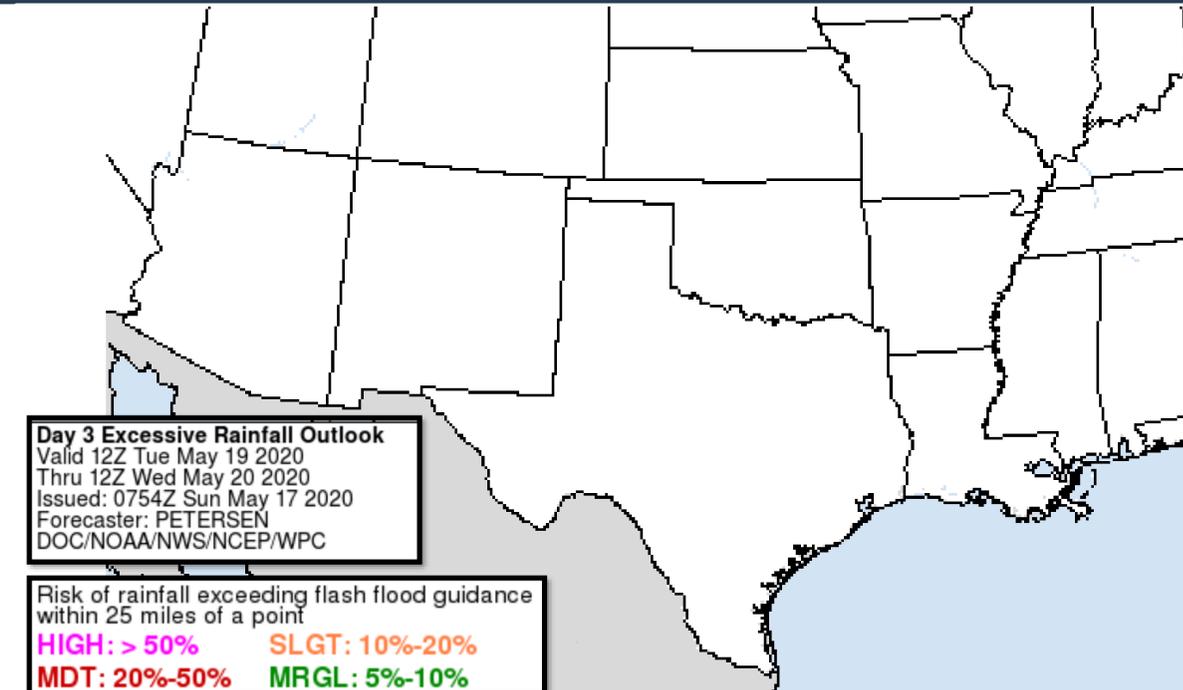
Weather Valid 8am EDT Tue May 19 2020 to 8am EDT Wed May 20 2020
Fronts Valid 8am EDT Tue May 19 2020
Issued 5:03 AM EDT Sun, May 17, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Campbell with WPC/SPC/NHC forecasts.



No significant weather expected.

Severe Weather Outlook

Excessive Rainfall Outlook



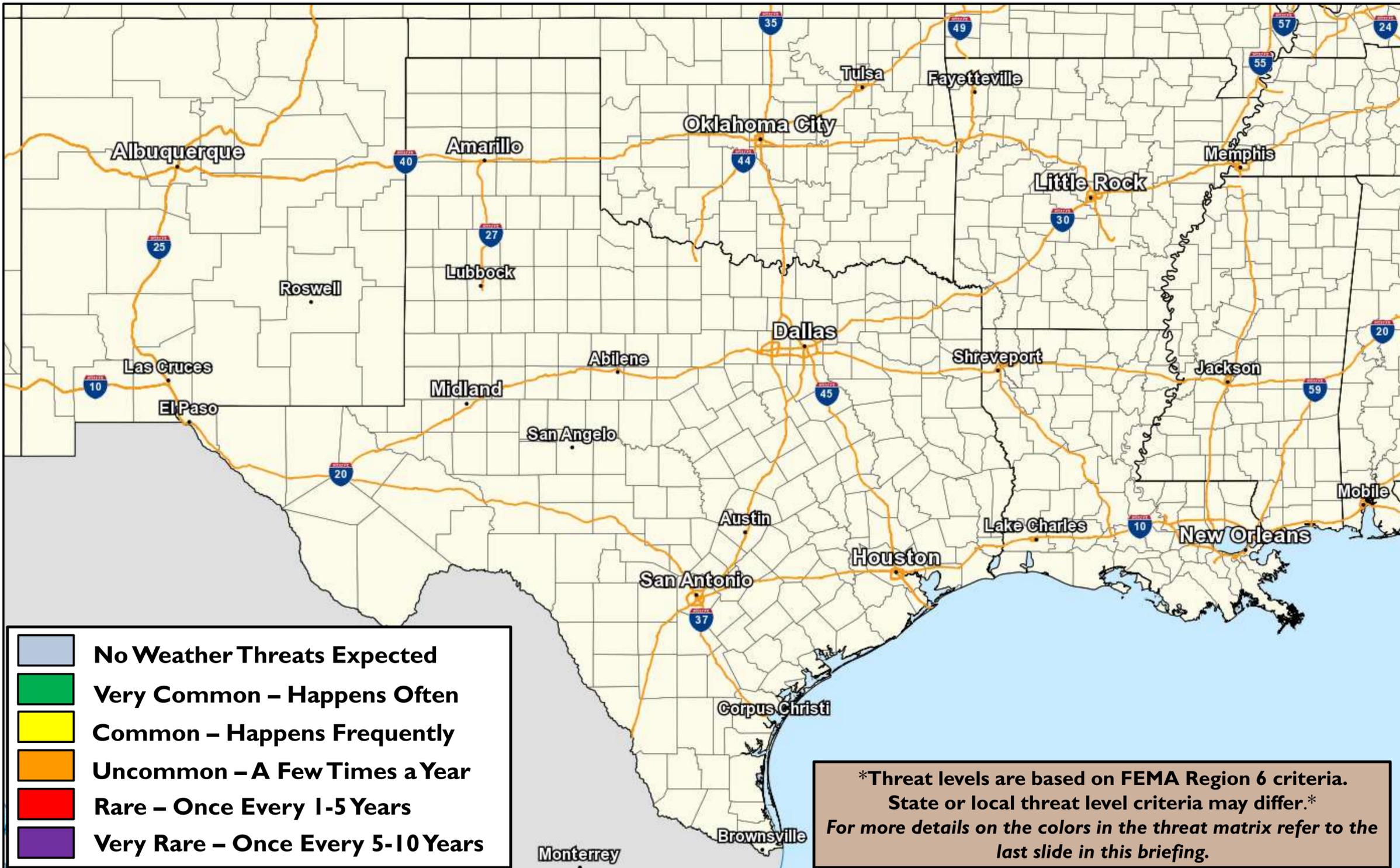
Days 4-5 Weather Hazards

Wednesday - Thursday



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No significant weather expected.

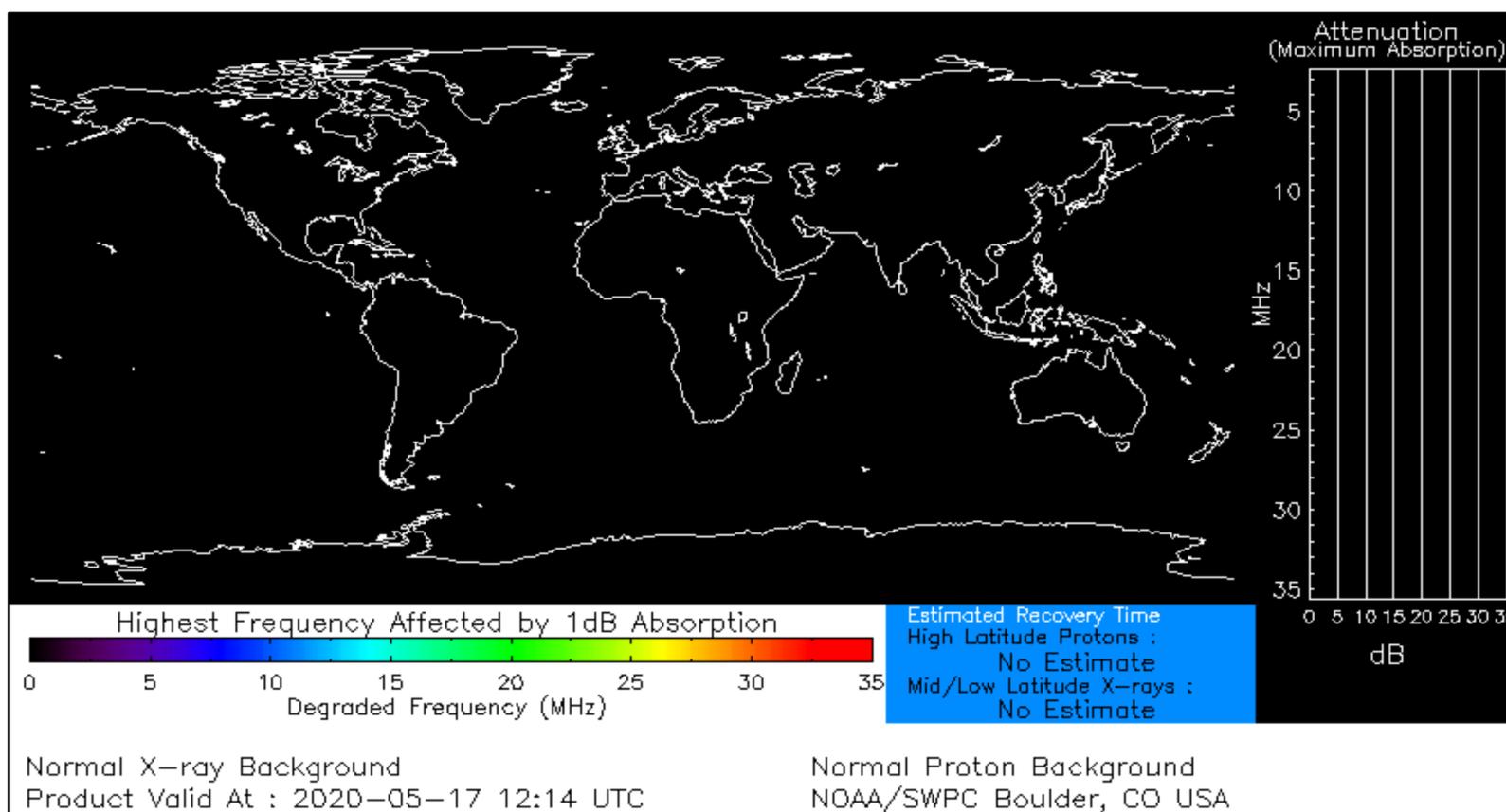


Space Weather 3-Day Forecast



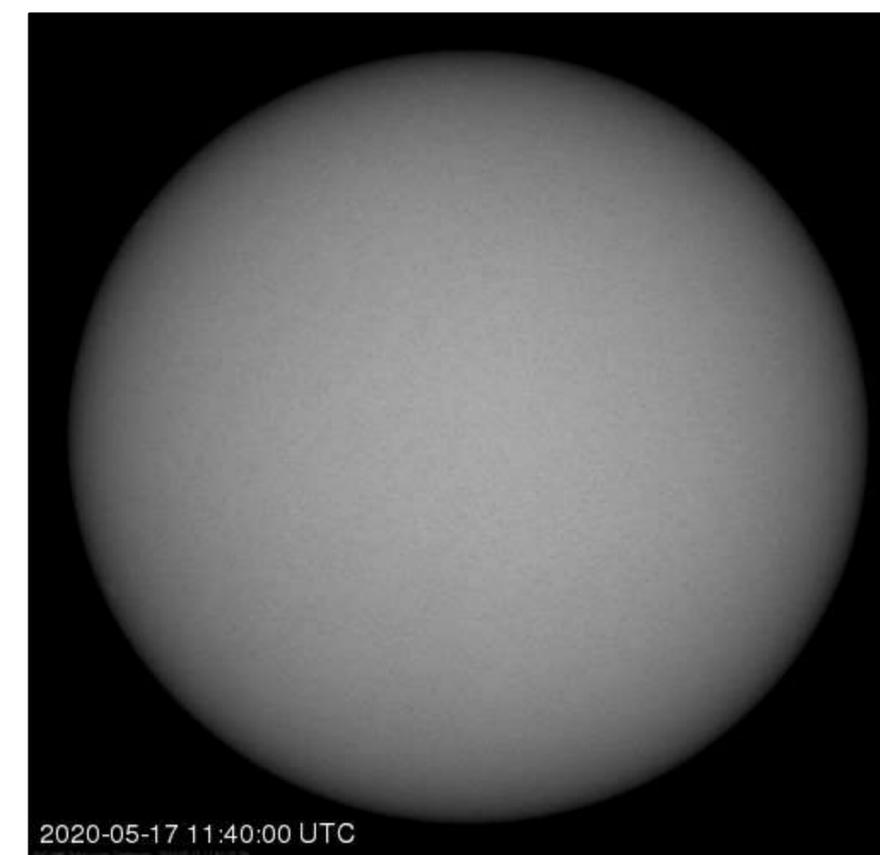
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	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[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.