



FEMA



Prepared by
Todd Beal

FEMA Region 6 Weather Threat Briefing

Sunday July 19, 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.



- **Marginal risk of severe storms over NE NM and the Panhandles today and across NE OK on Monday.**
- **Isolated heavy rain/flash flooding possible over parts of NM for the next several days, especially in/around burn scar locations. Isolated heavy rainfall/flash flooding across parts of the TX/OK Panhandles/N OK today and N OK on Monday.**
- **Heat advisories continue over N OK today.**
- **There is a low (20%) chance of tropical development in the Gulf of Mexico during the next 5 days.**

FEMA Region 6 Threat Matrix

Jul 19, 2020 - Jul 23, 2020



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DAY / THREAT	Sun	Mon	Tue	Wed	Thu
Severe Storms	NM, Panhandles	NE OK			
Heavy Rain / Flash Flooding	NE NM, Panhandles	N NM/N OK	NM	NM	NM
Fire Weather					
Tropical Winds / Surge					
Heat	N OK				
River Flooding	AR	AR	AR	AR	AR

	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.

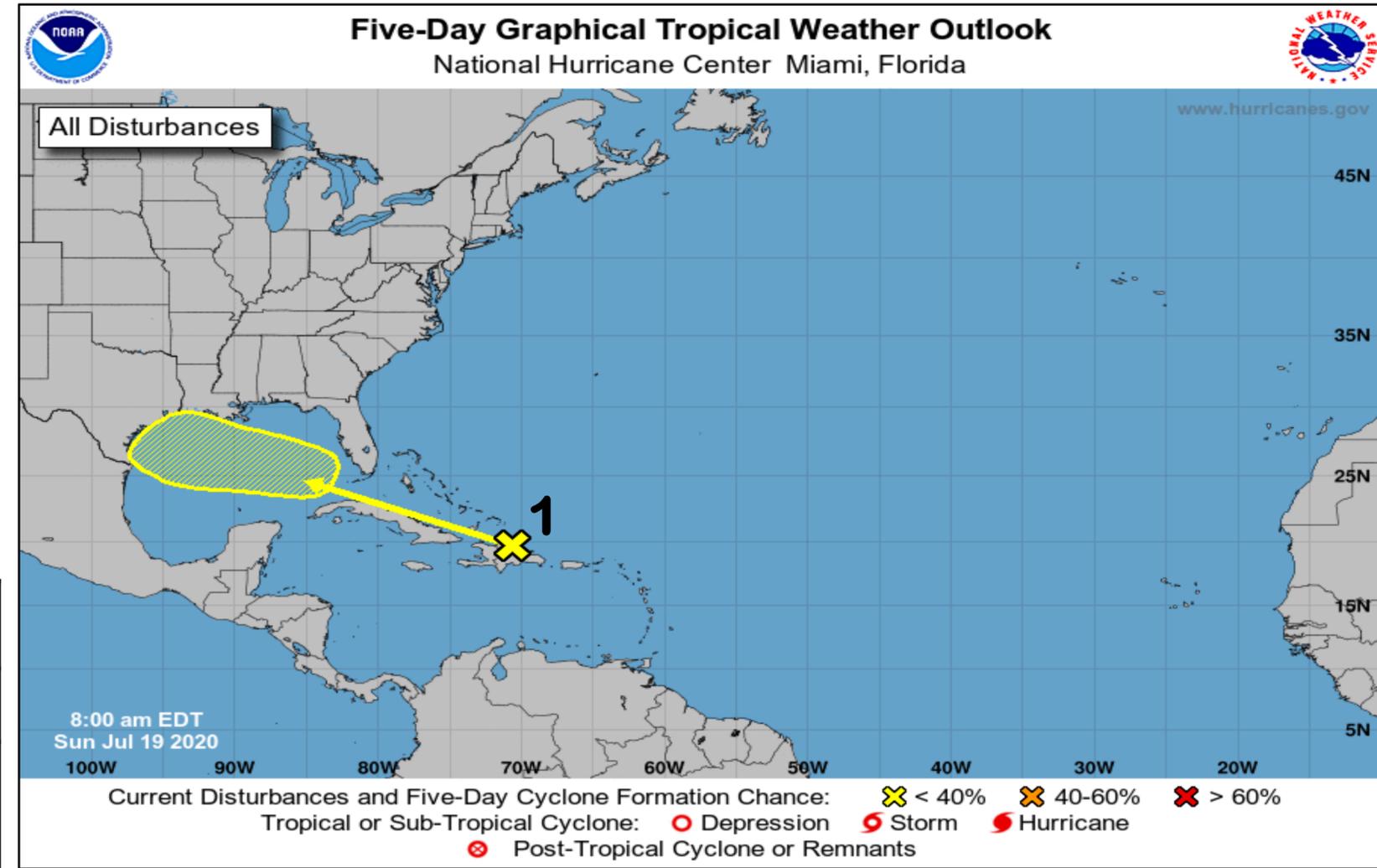


Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	Locally heavy rain along the Gulf Coast Thurs./Fri.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
-	

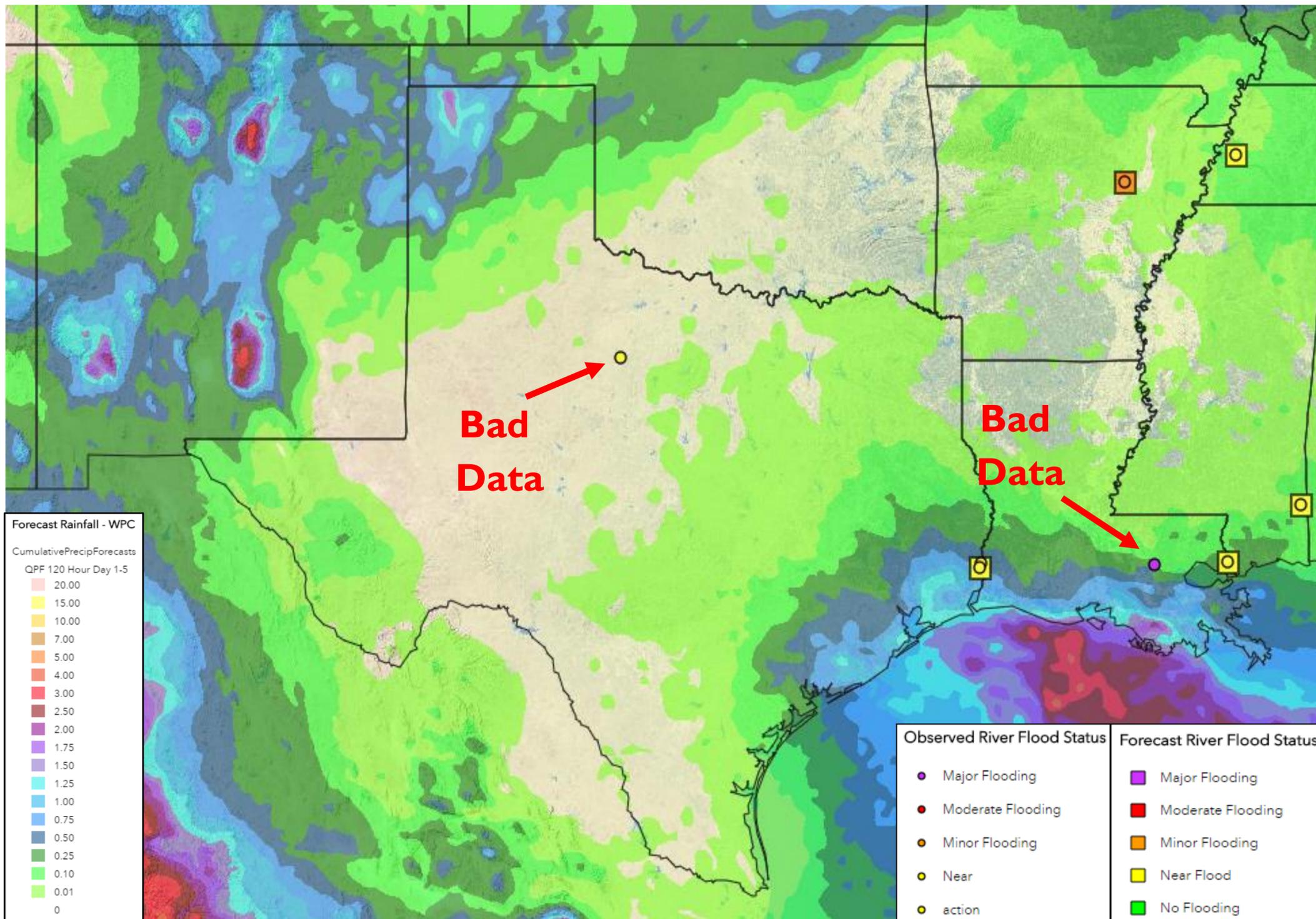


5-Day Precipitation Forecast & River Flood Status



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



The White River near Augusta in NE AR remains in minor flood stage through the week, with seasonal agricultural impacts.

No additional flooding is expected due to the forecast rainfall the next 5 days.

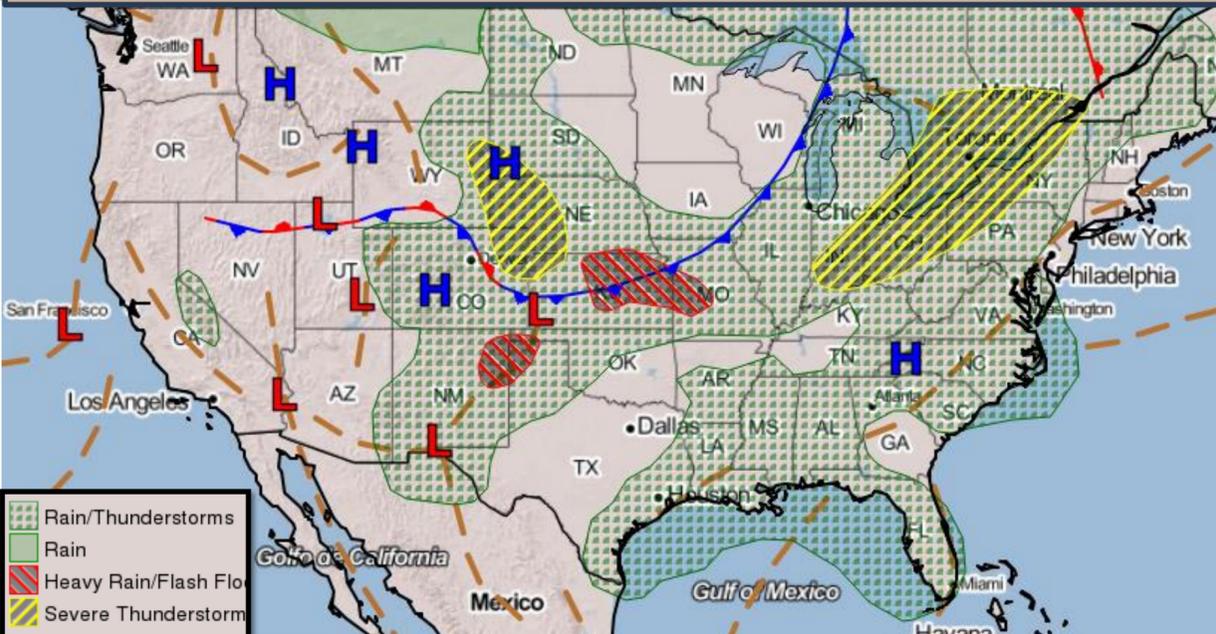
Today's Weather



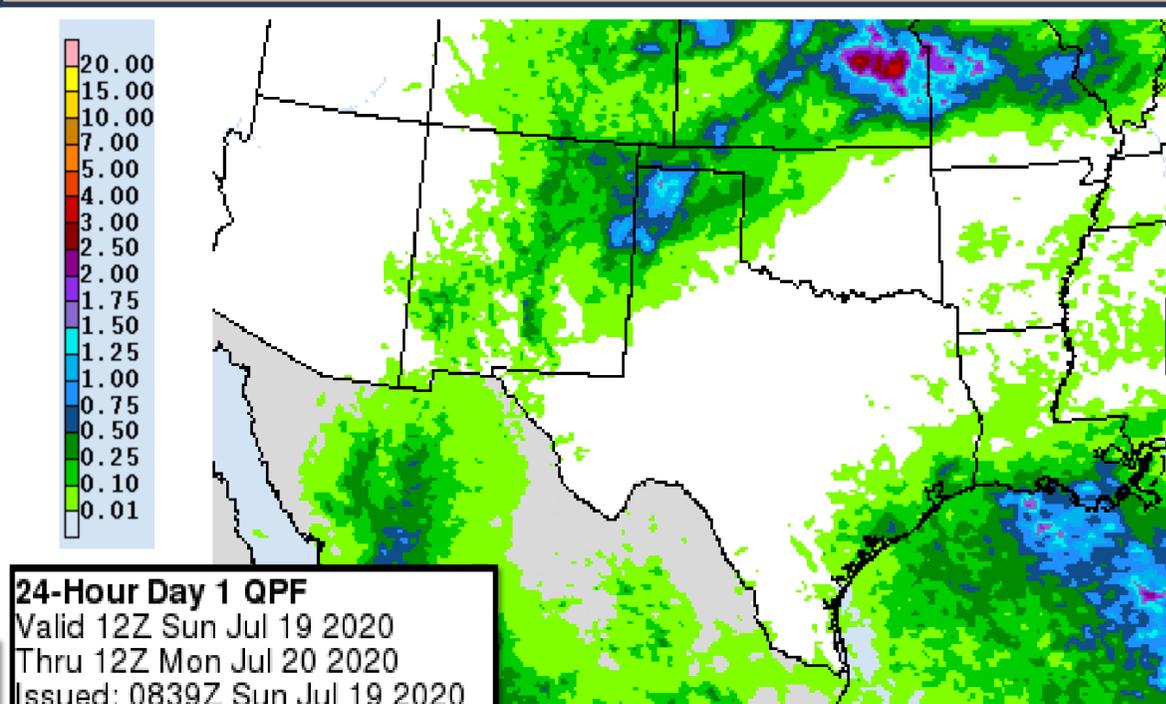
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Forecast Chart

Forecast Rainfall



Weather Valid 8am EDT Sun Jul 19 2020 to 8am EDT Mon Jul 20 2020
Fronts Valid 8am EDT Sun Jul 19 2020
Issued 4:20 AM EDT Sun, Jul 19, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mullinax with WPC/SPC/NHC forecasts.



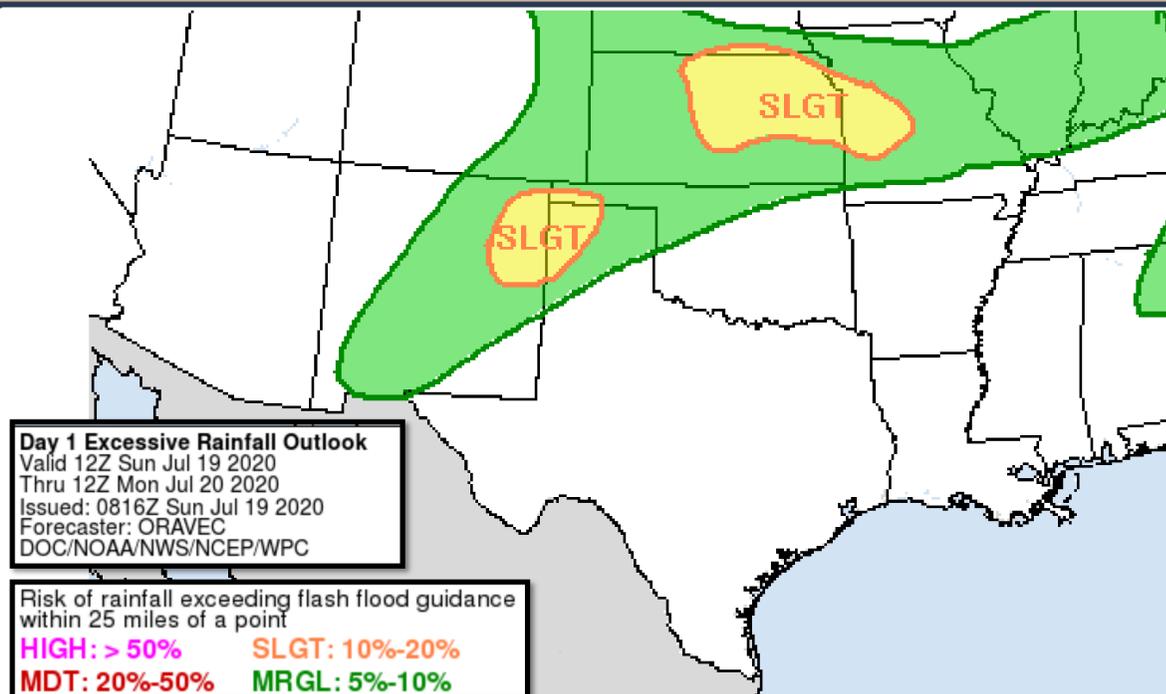
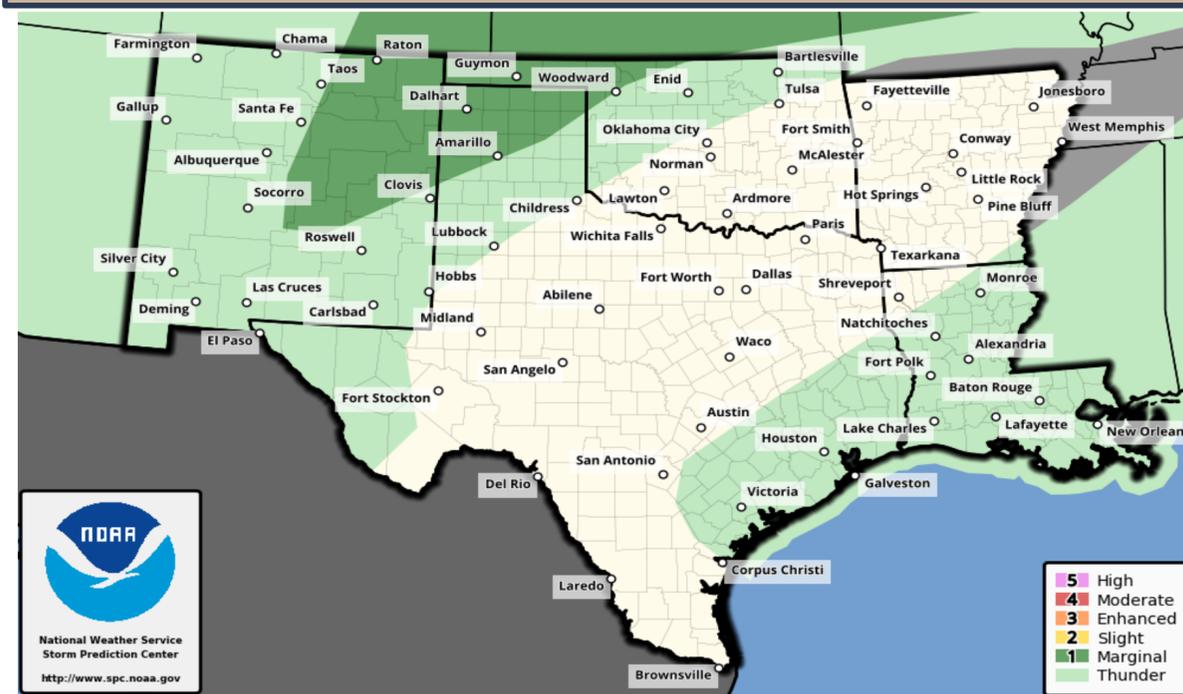
24-Hour Day 1 QPF
Valid 12Z Sun Jul 19 2020
Thru 12Z Mon Jul 20 2020
Issued: 0839Z Sun Jul 19 2020

Slight risk of heavy rainfall and flash flooding across NE NM and the western TX/OK Panhandles.

Marginal risk of severe storms over NE NM and the Panhandles today; damaging winds and hail are the main threats.

Severe Weather Outlook

Excessive Rainfall Outlook



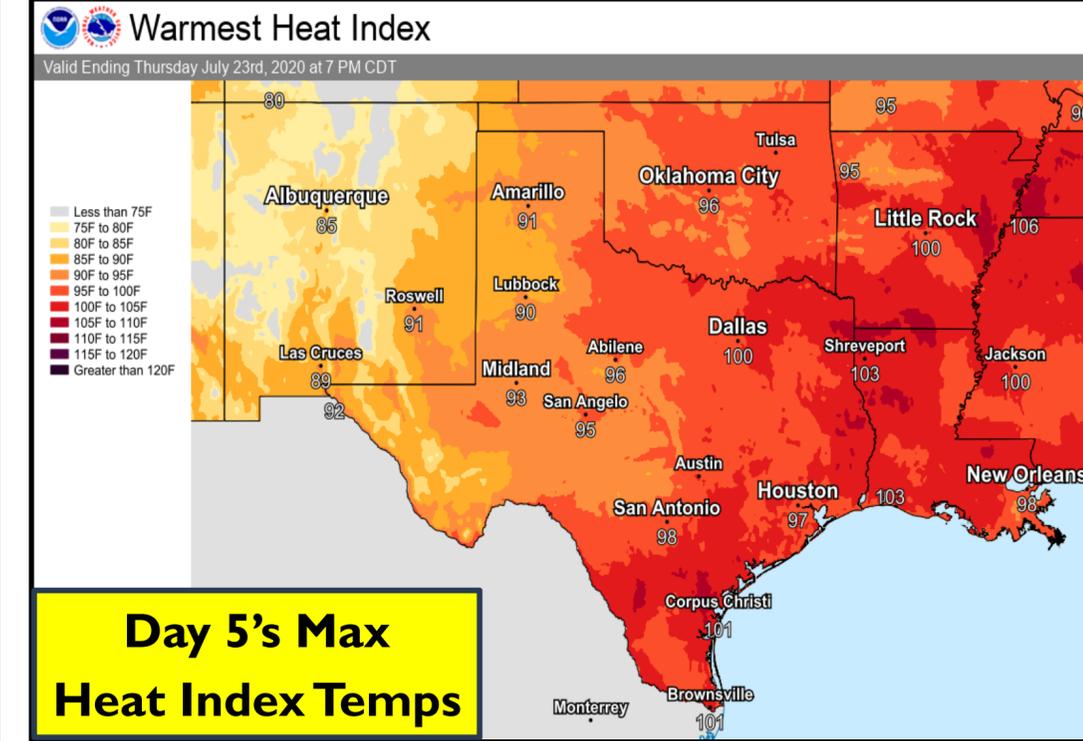
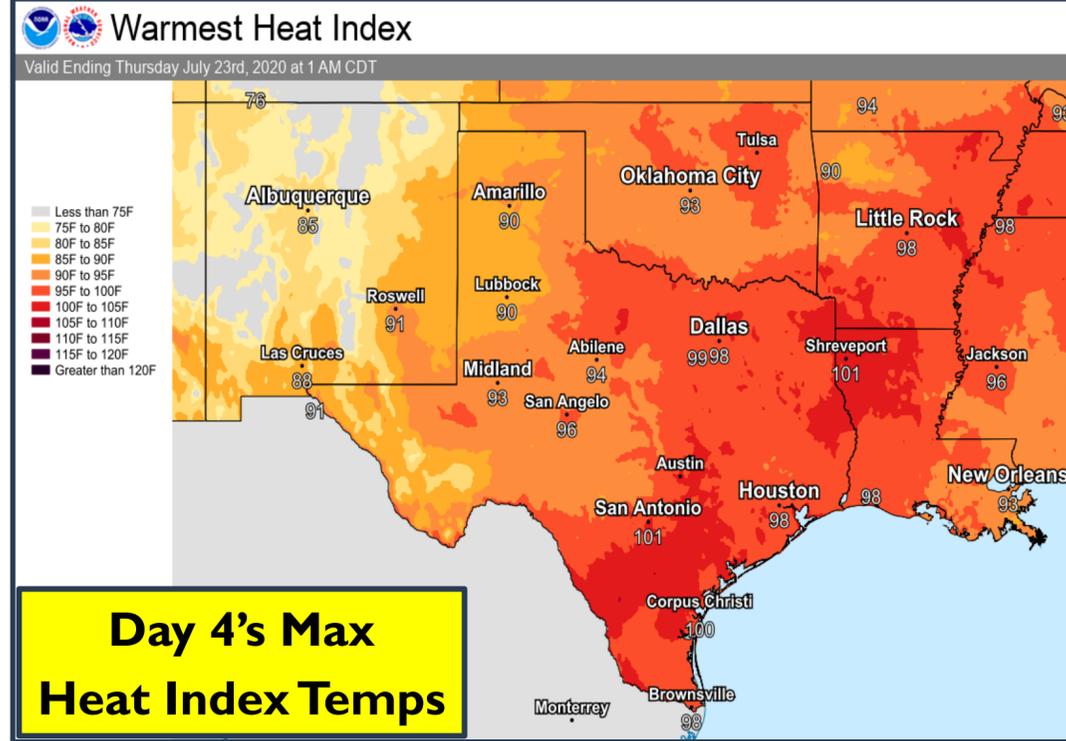
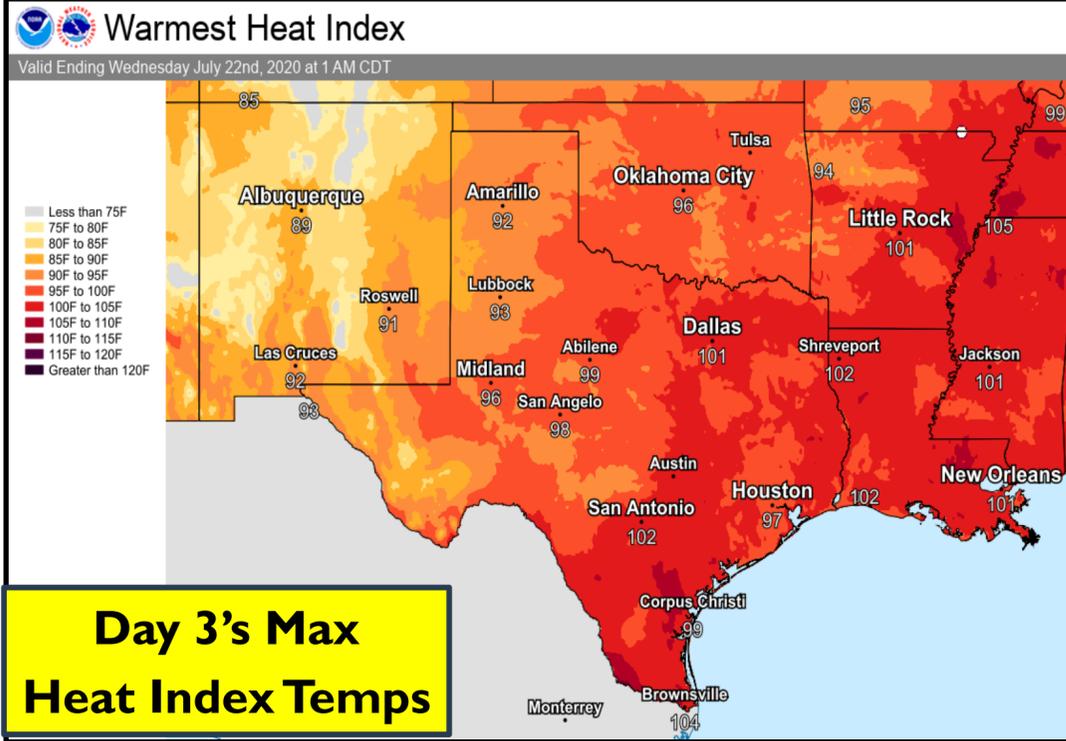
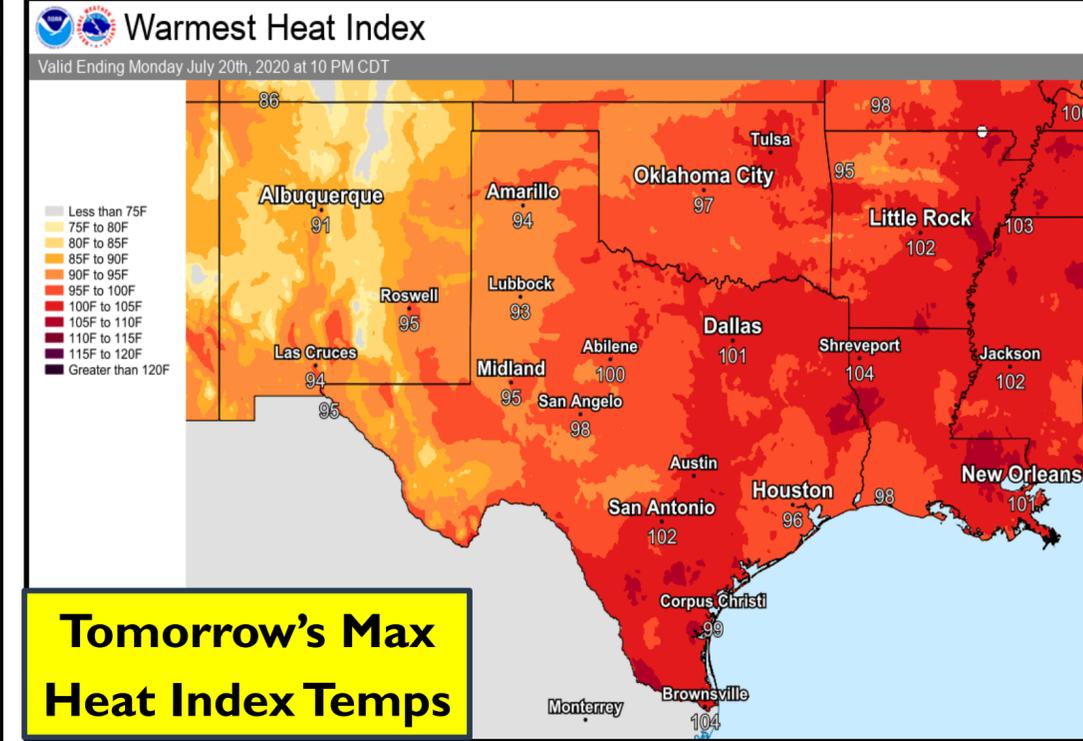
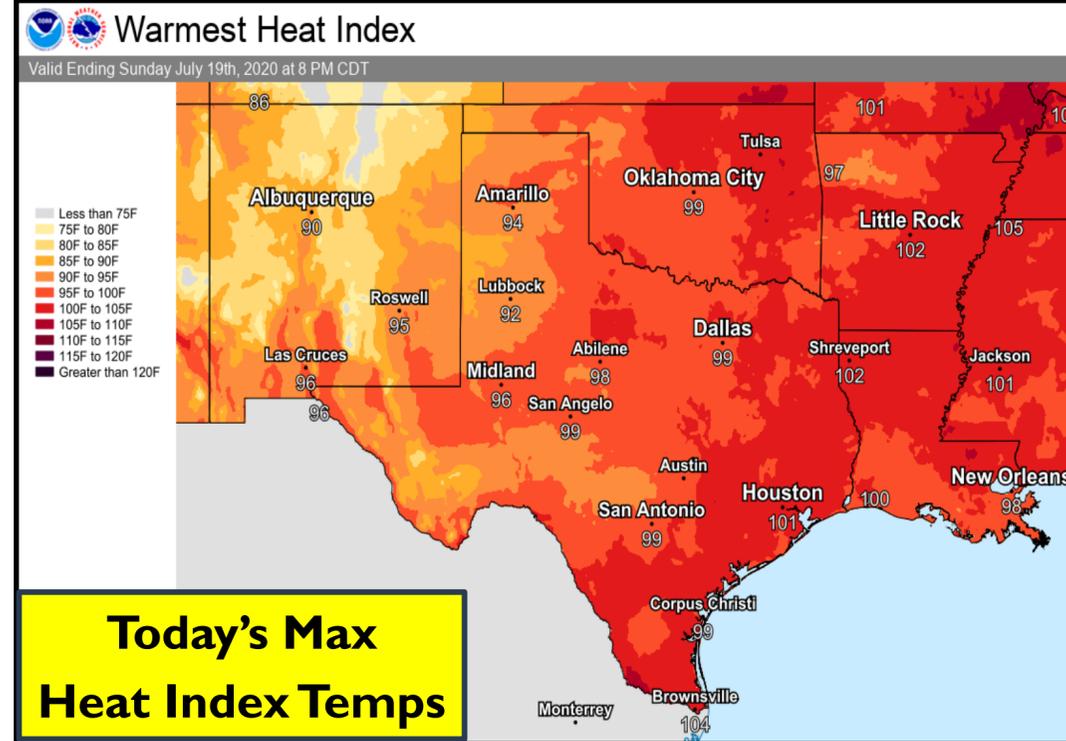
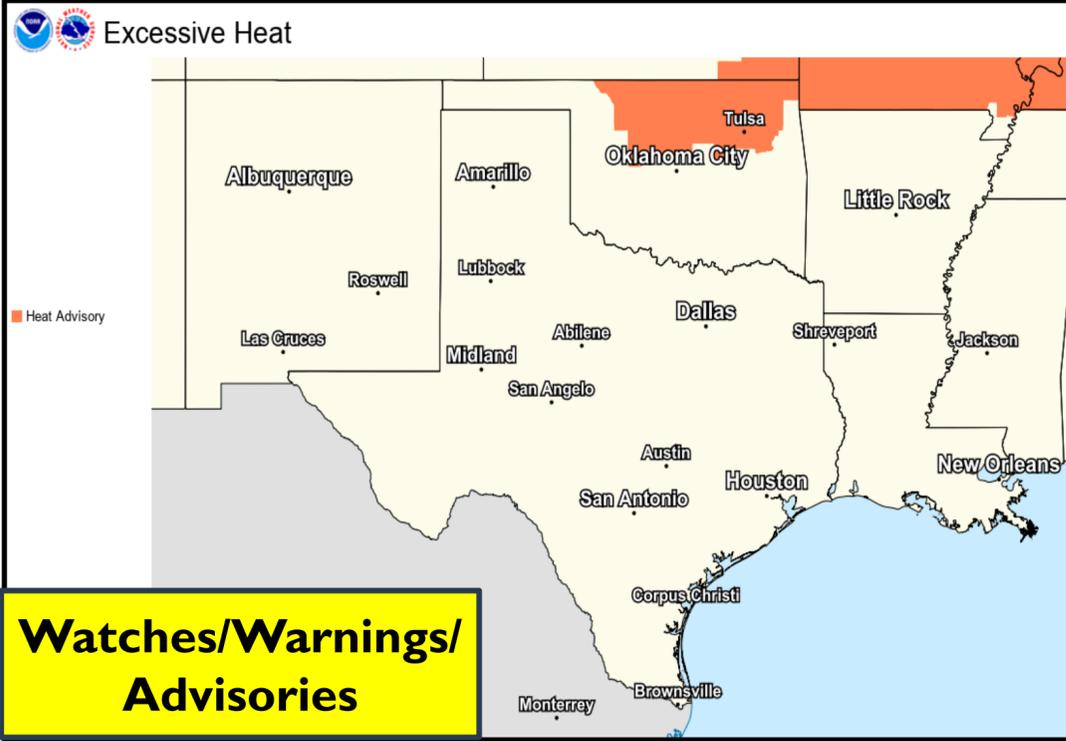
Day 1 Excessive Rainfall Outlook
Valid 12Z Sun Jul 19 2020
Thru 12Z Mon Jul 20 2020
Issued: 0816Z Sun Jul 19 2020
Forecaster: ORAVEC
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Excessive Heat Outlook



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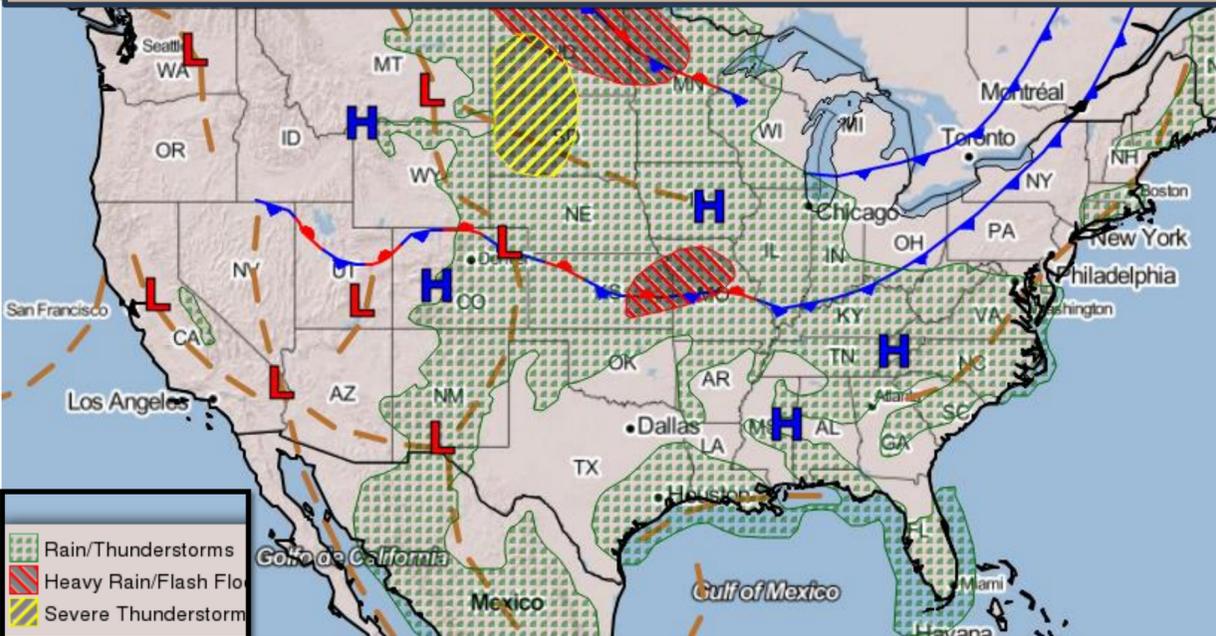
Tomorrow's Weather



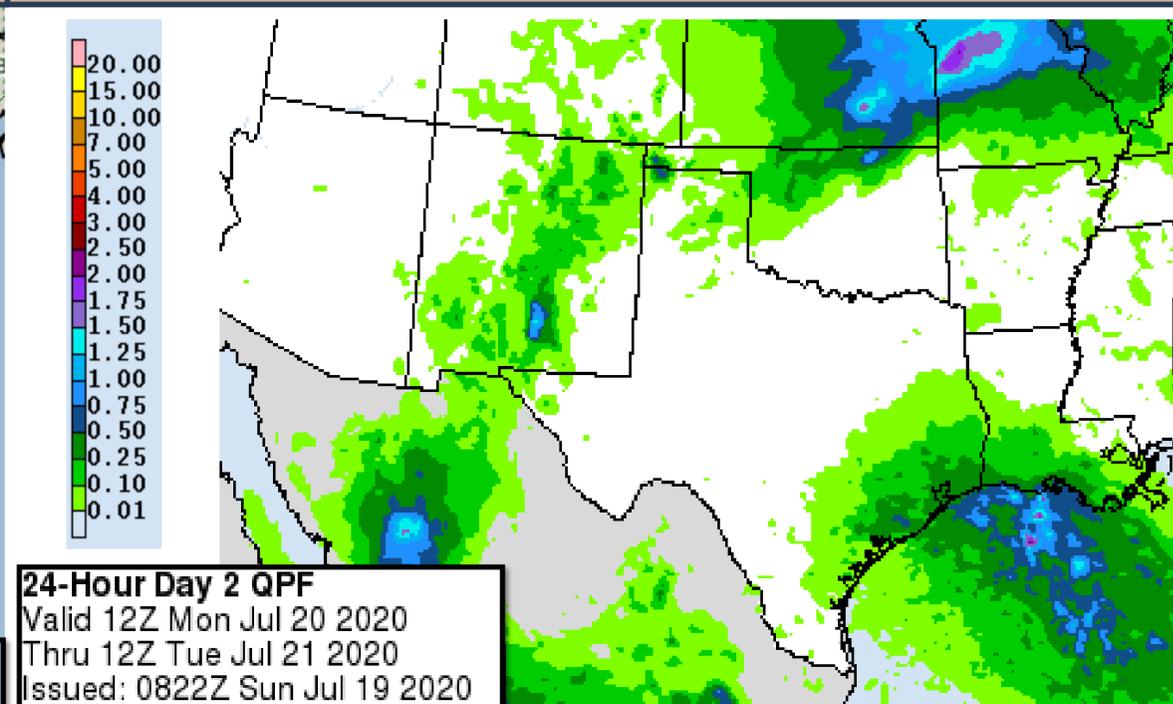
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Forecast Chart

Forecast Rainfall



Weather Valid 8am EDT Mon Jul 20 2020 to 8am EDT Tue Jul 21 2020
Fronts Valid 8am EDT Mon Jul 20 2020
Issued 4:22 AM EDT Sun, Jul 19, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Gallina with WPC/SPC/NHC forecasts.



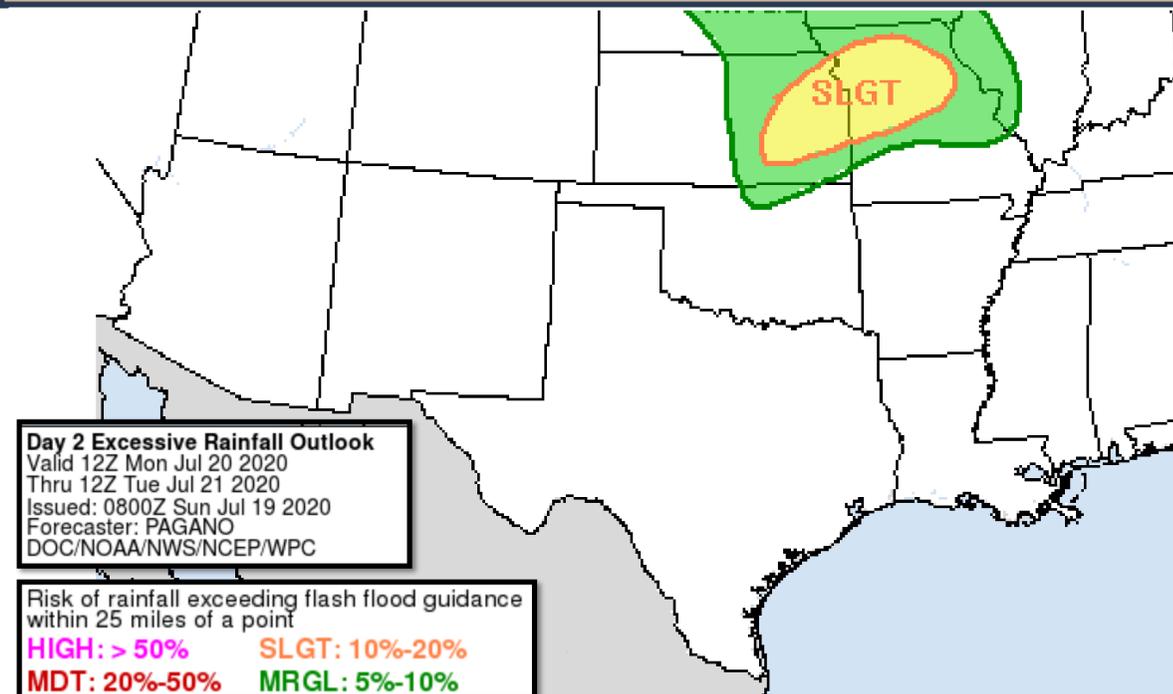
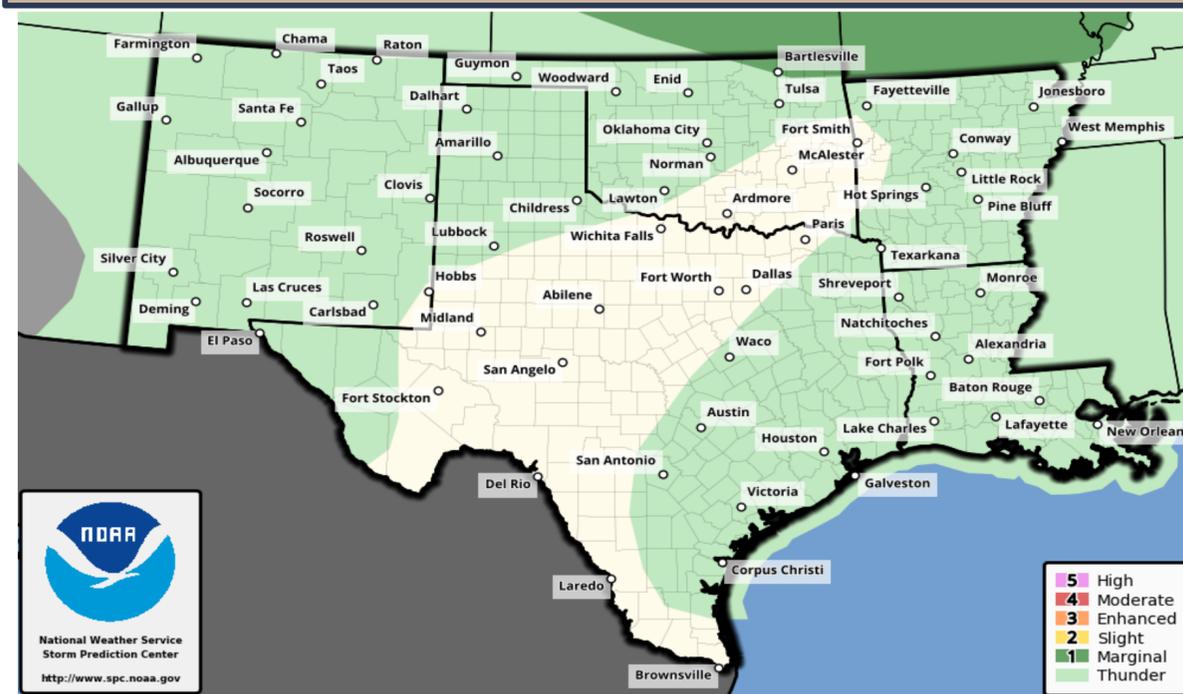
24-Hour Day 2 QPF
Valid 12Z Mon Jul 20 2020
Thru 12Z Tue Jul 21 2020
Issued: 0822Z Sun Jul 19 2020

Isolated heavy rain/flash flooding possible over N NM, especially in/around burn scar locations. Isolated heavy rain and flash flooding possible over N OK.

Marginal risk of severe storms across NE OK. Main threats are isolated damaging wind gusts and hail.

Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Mon Jul 20 2020
Thru 12Z Tue Jul 21 2020
Issued: 0800Z Sun Jul 19 2020
Forecaster: PAGANO
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

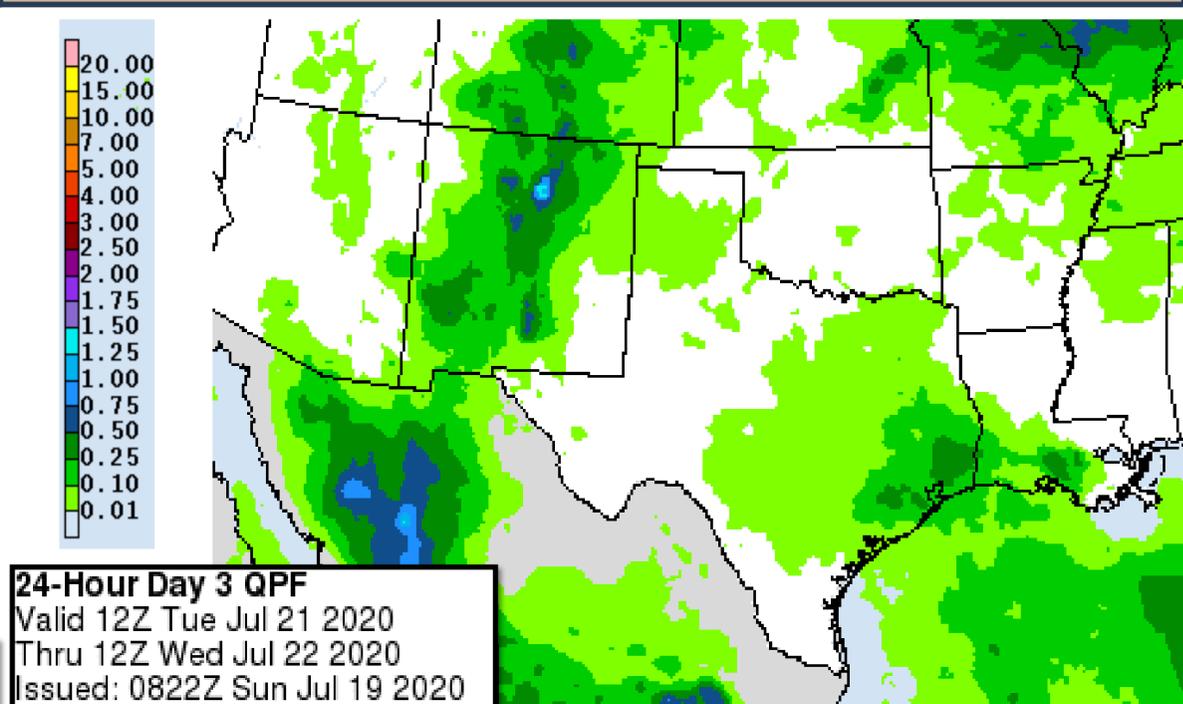
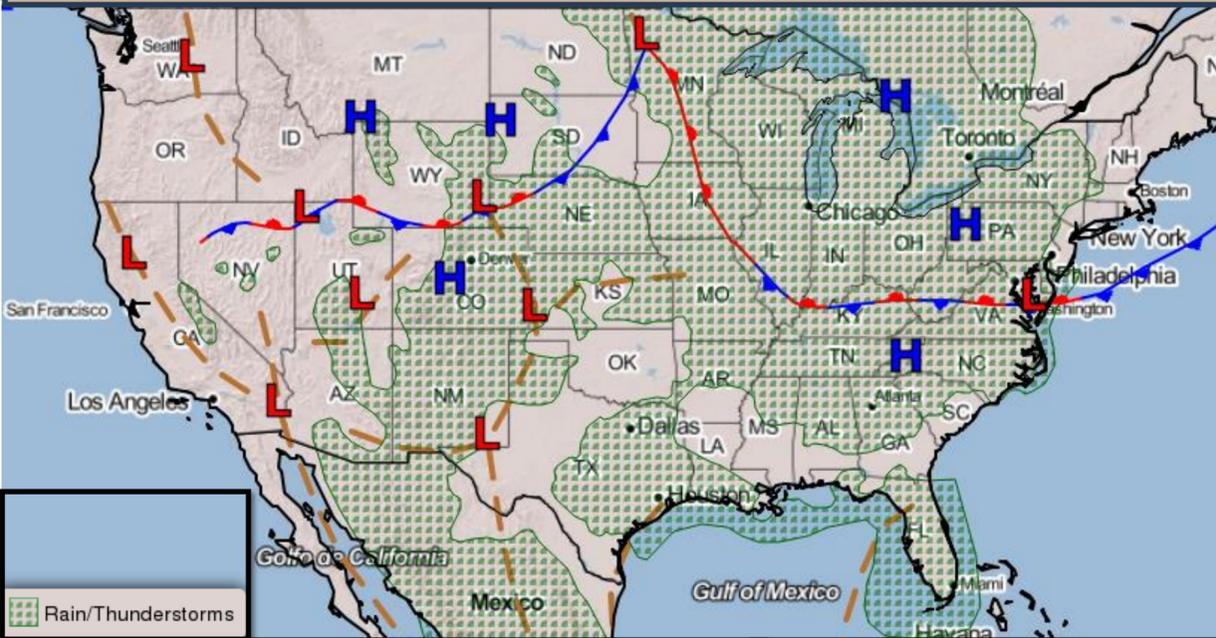


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Forecast Chart

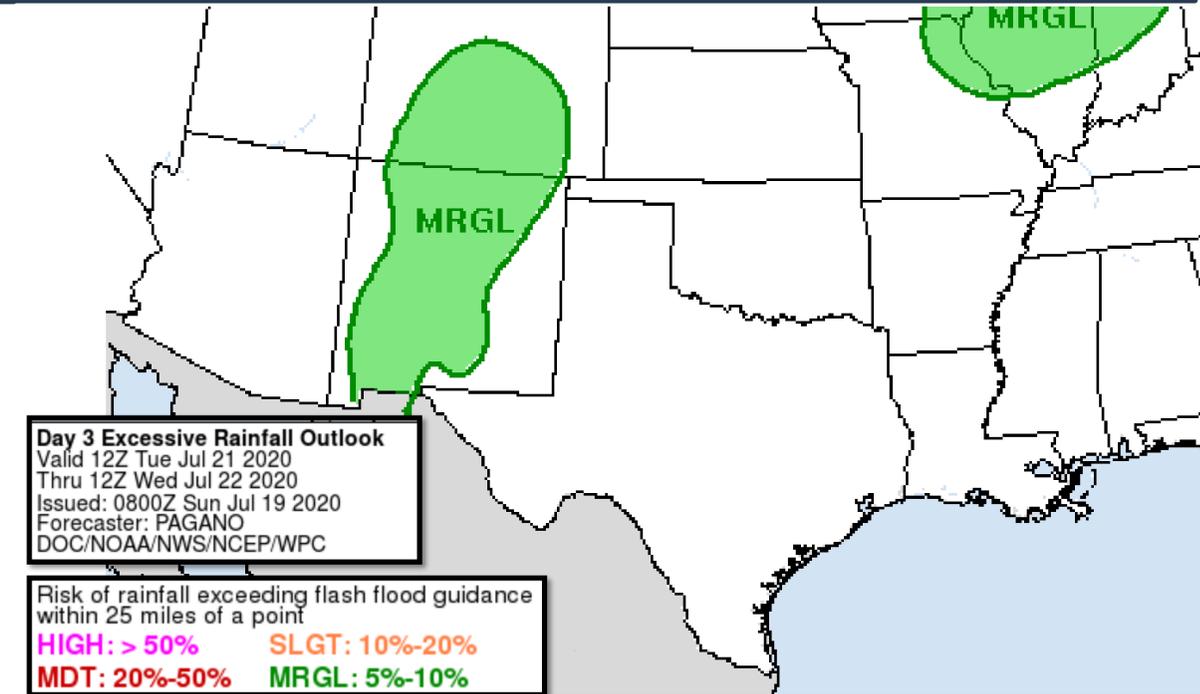
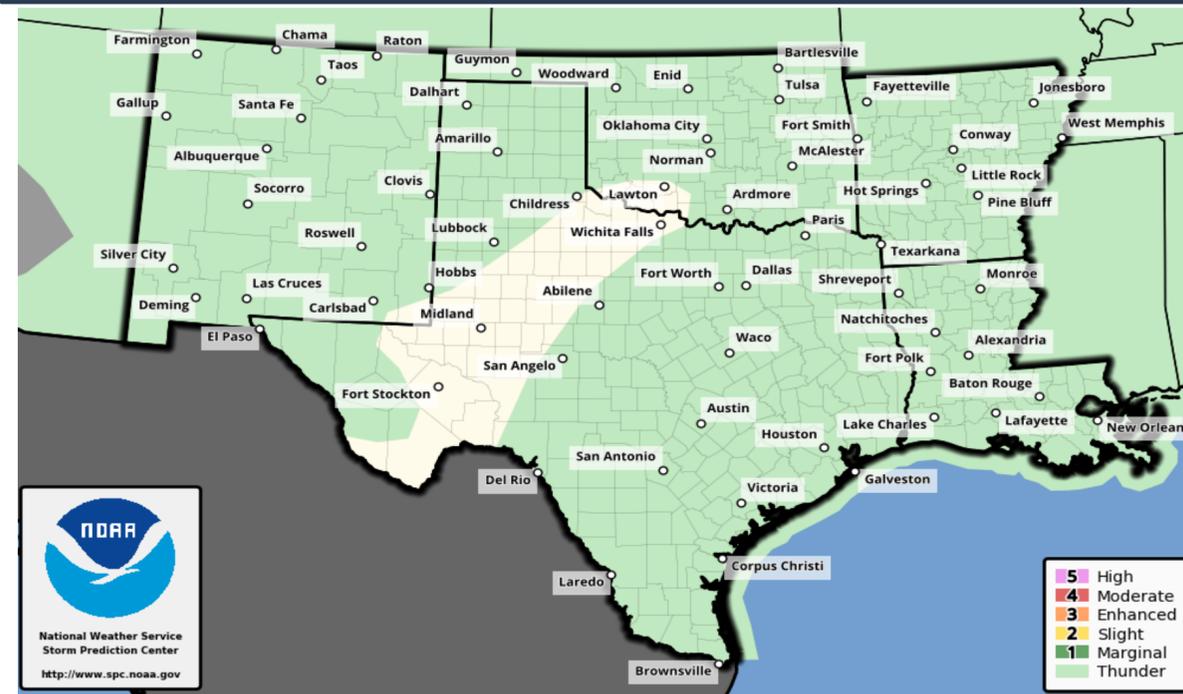
Forecast Rainfall

Isolated heavy rain/flash flooding possible over NM, especially in/around burn scar locations.



Severe Weather Outlook

Excessive Rainfall Outlook



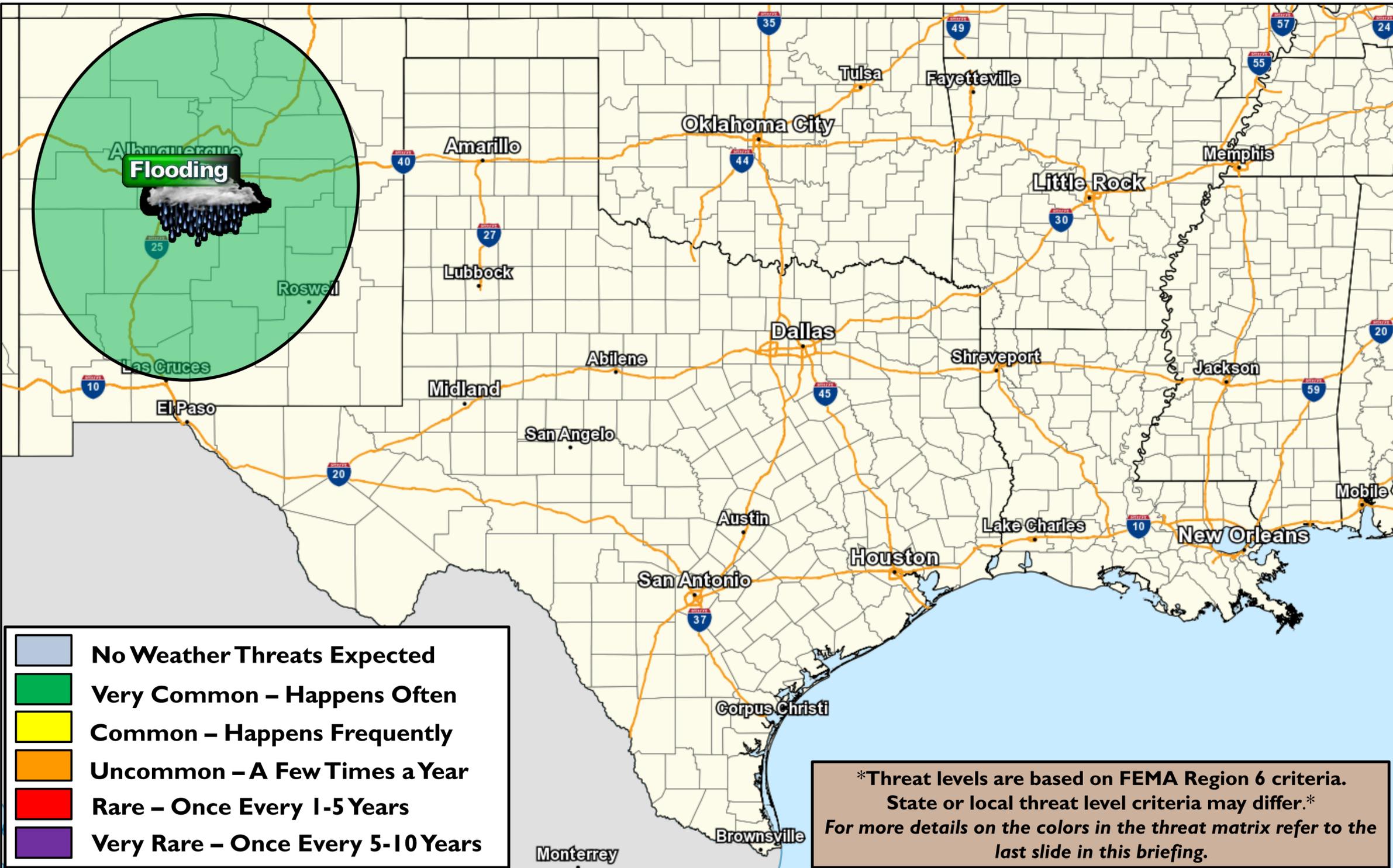
Days 4-5 Weather Hazards

Wednesday - Thursday



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Isolated heavy rain/flash flooding possible over NM, especially in/around burn scar locations.

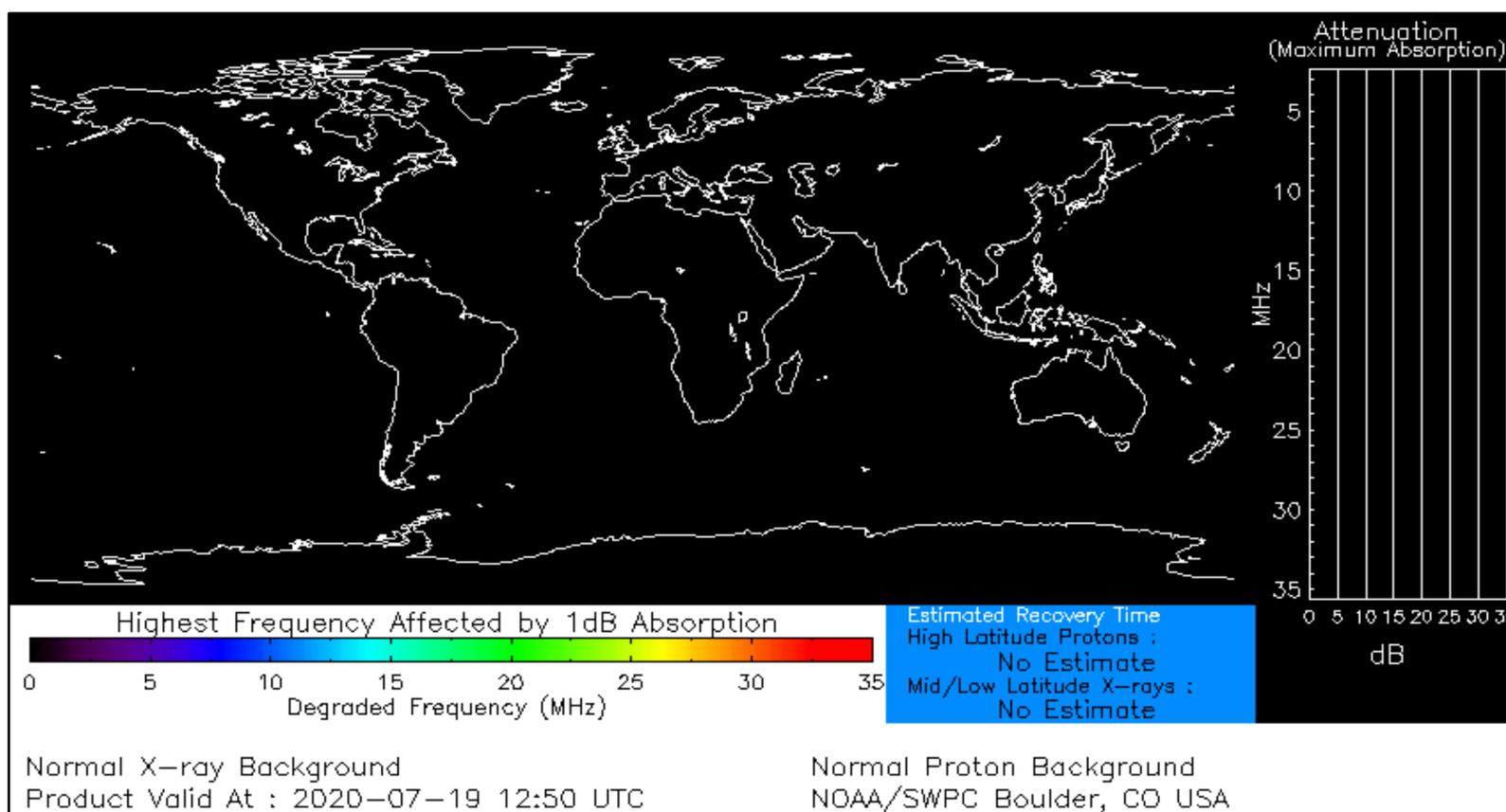


Space Weather 3-Day Forecast



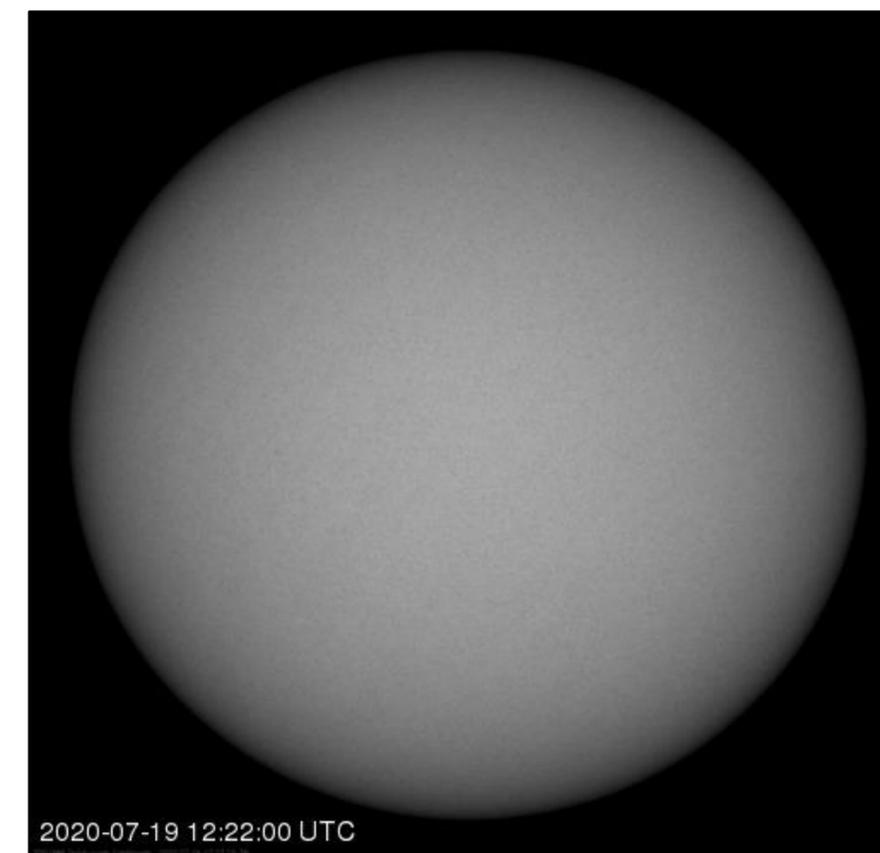
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	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[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.