



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Thursday August 20, 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 into the W Panhandles, as well as SW NM and SE LA today; damaging winds are the main threat in all locations.**
- **Tropical Depression 13 is expected to move towards Puerto Rico/USVI on Saturday, and the current forecast keeps the system east of Region 6.**
- **A tropical wave over the central Caribbean Sea is likely to become a tropical depression in the next few days, and may move into the Gulf this weekend.**

FEMA Region 6 Threat Matrix



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Aug 20, 2020 - Aug 24, 2020

DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms	NE NM, W Panhandles, SW NM, SE LA				
Heavy Rain / Flash Flooding	SE LA				Upper TX & LA Coasts
Fire Weather					
Tropical Winds / Surge					
Heat					
River Flooding					

	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.

Tropical Weather Outlook – Atlantic/Gulf



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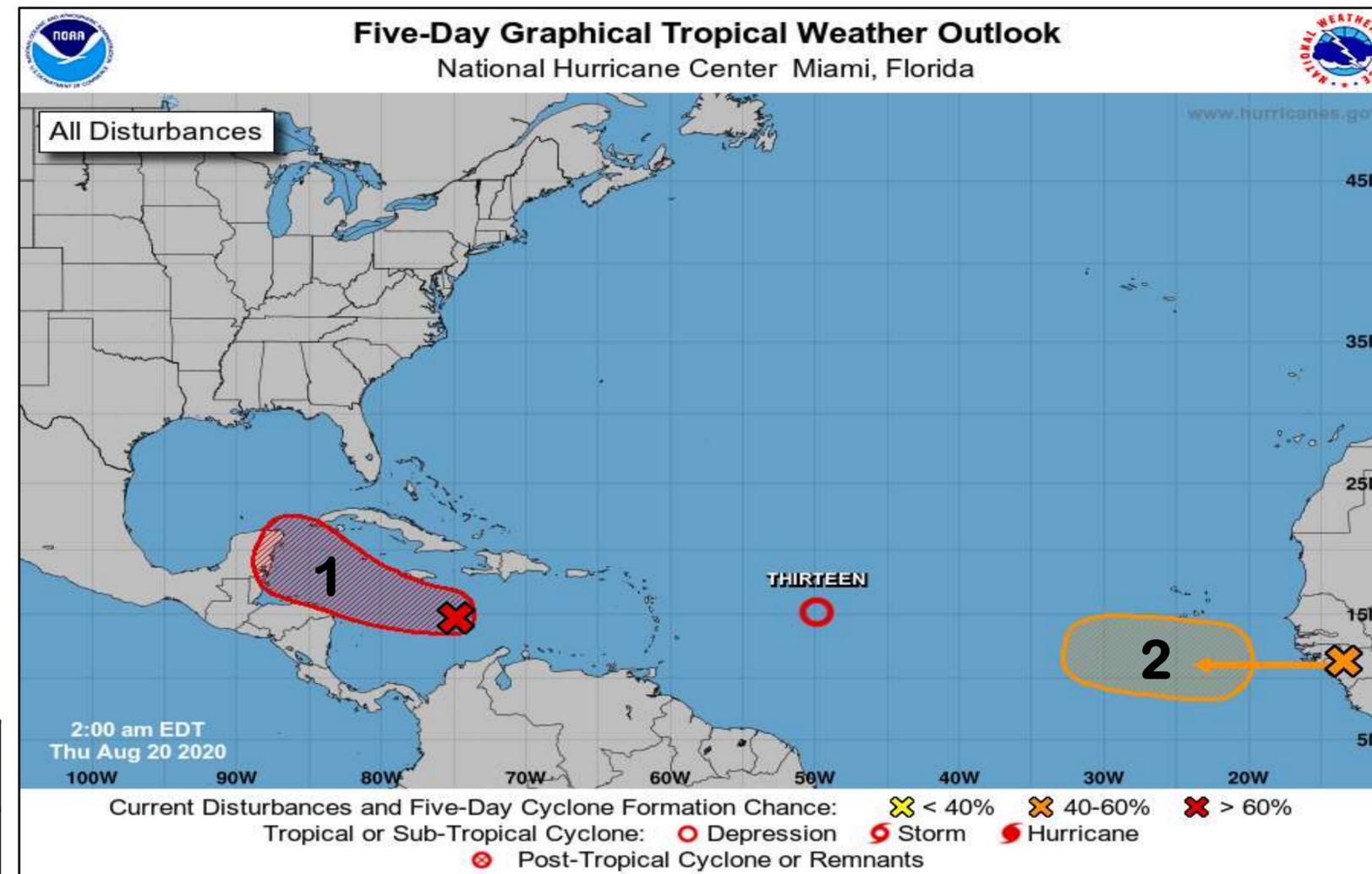
See next slide for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	High	May see impacts (heavy rain, strong winds) along the Coast of Region 6 early next week, but confidence in the forecast is low at this time.
2	Medium	None in the next five days.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
TD13	Extended forecast currently keeps this system east of Region 6, but it is something to keep an eye on.



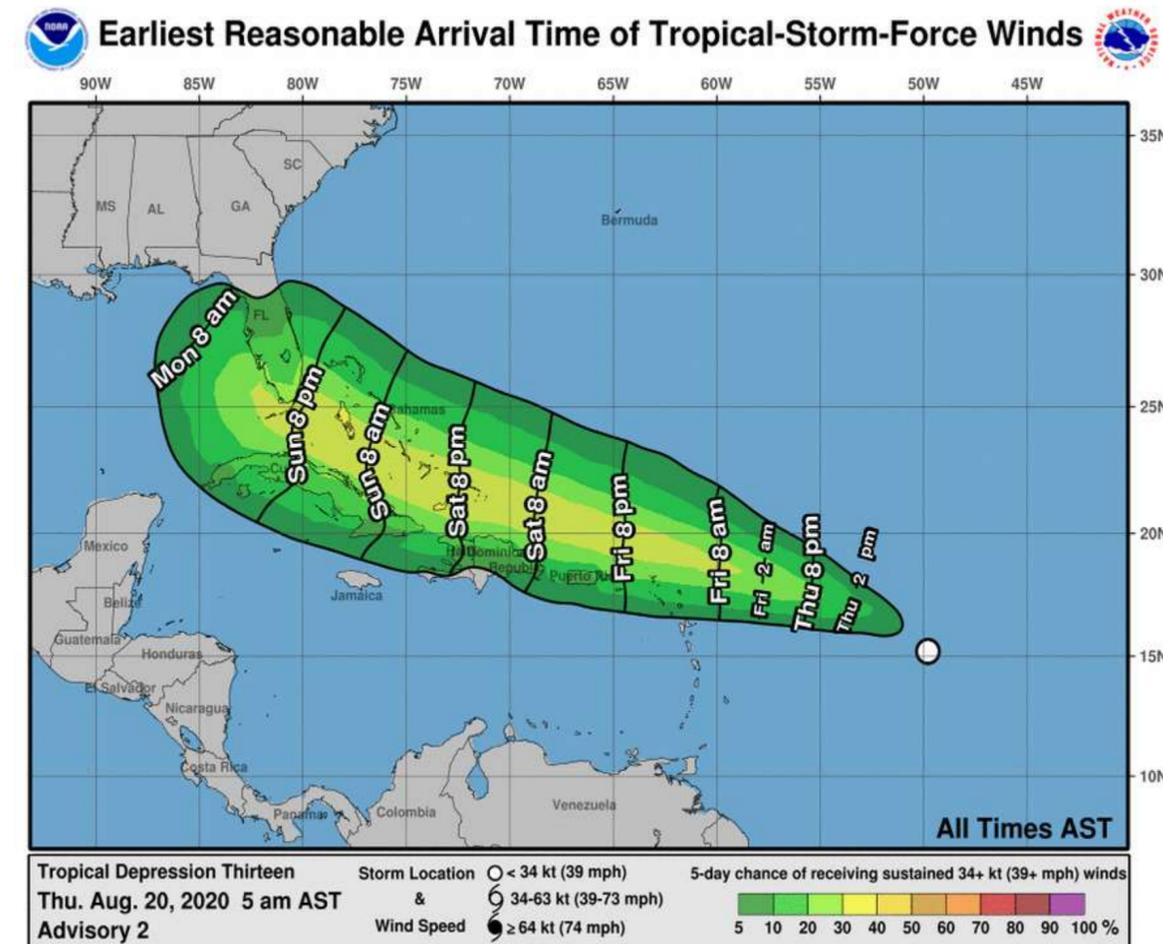
Tropical Depression 13



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Tropical Depression 13 is moving west-northwest around 21 mph, and is expected to move near or north of the Virgin Islands and Puerto Rico on Saturday. There is low confidence in the extended forecast at this point, especially in regards to the intensity of the system as it nears Florida.

Maximum sustained winds are near 35 mph with higher gusts. Gradual strengthening is forecast, and the depression is expected to become a tropical storm by later today.

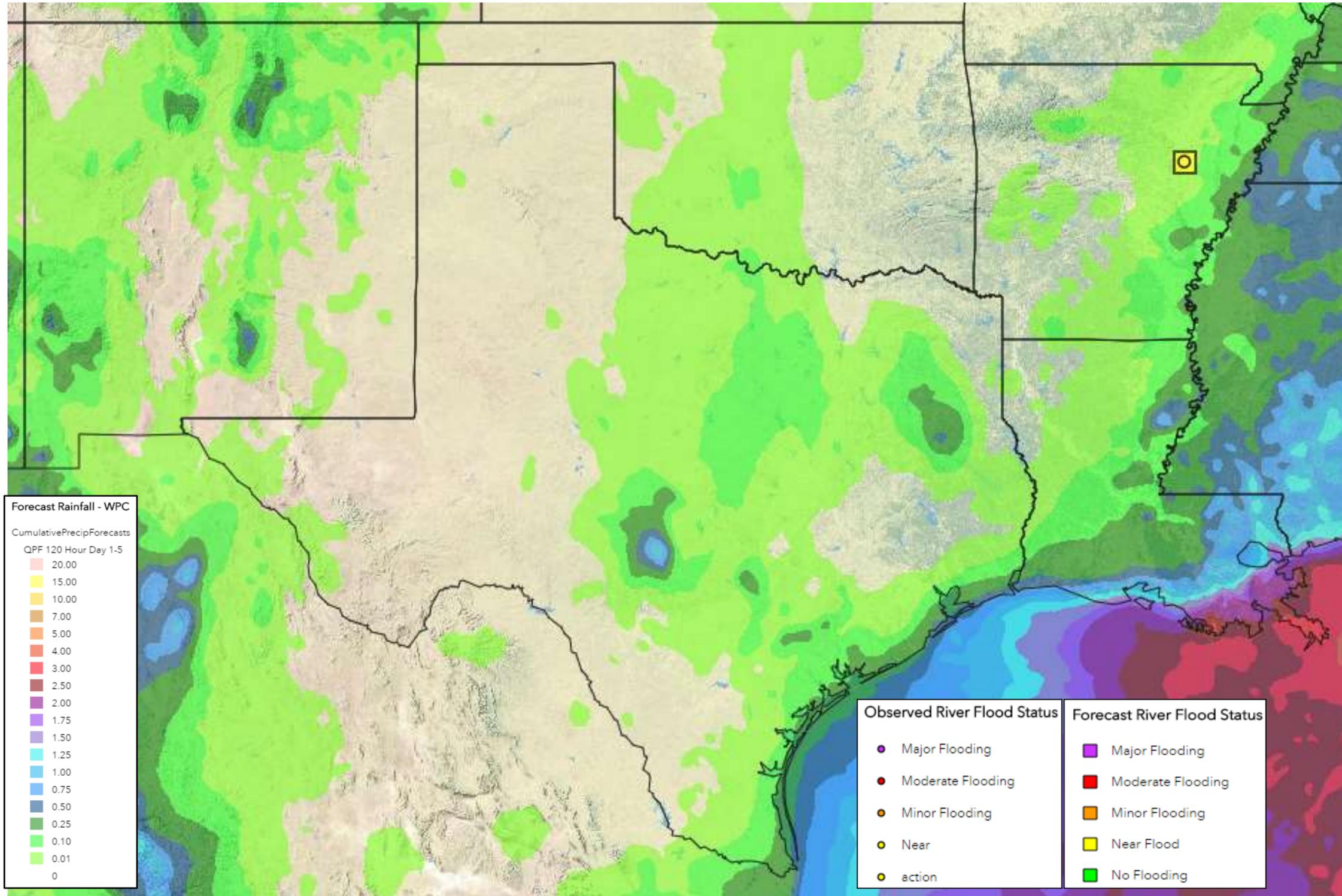


5-Day Precipitation Forecast & River Flood Status



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



No river flooding is observed or forecast.

Today's Weather



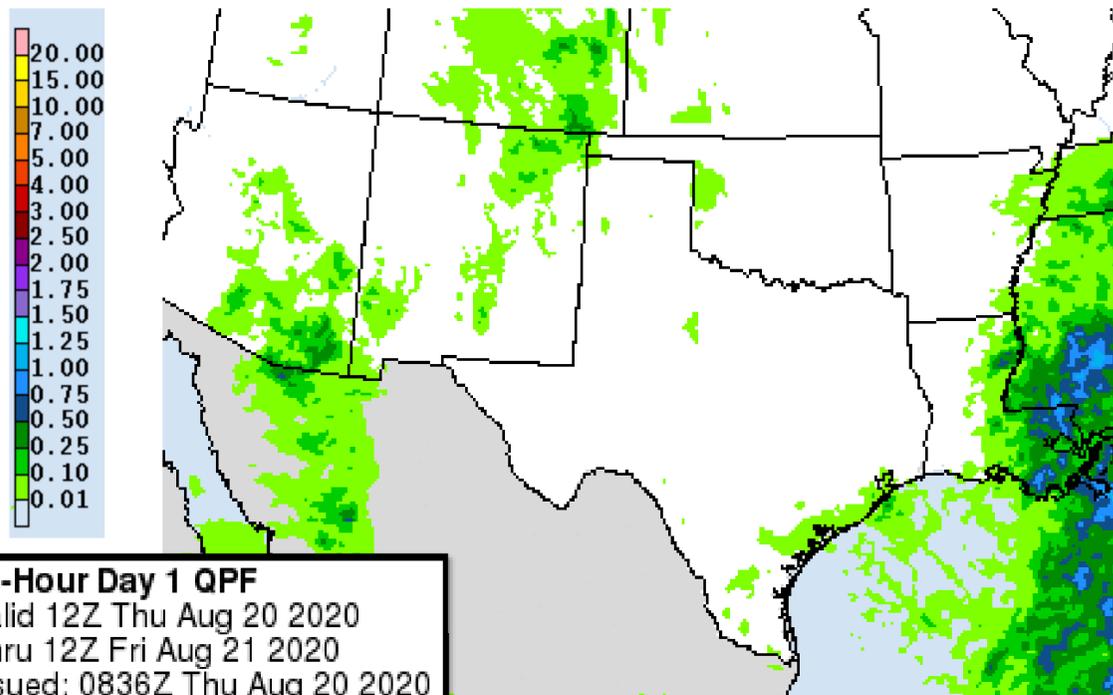
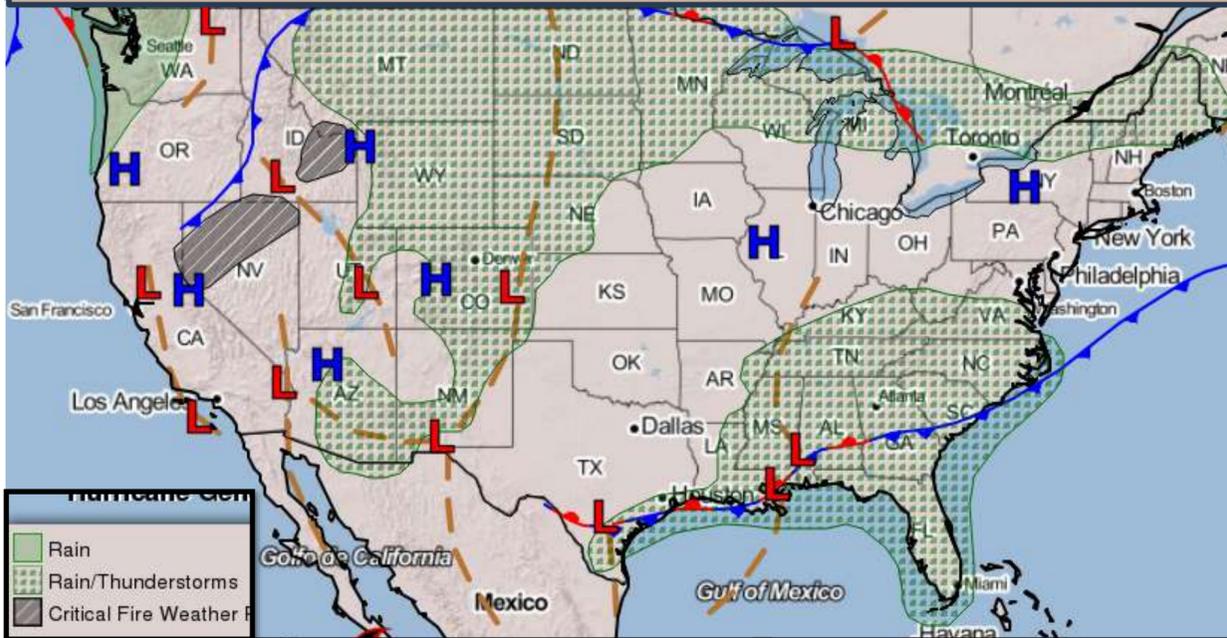
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Forecast Chart

Forecast Rainfall

Marginal risk of severe storms over NE NM into the W Panhandles, as well as SW NM and SE LA; damaging winds are the main threat in all locations.

Marginal risk of heavy rain/flash flooding over extreme SE LA.



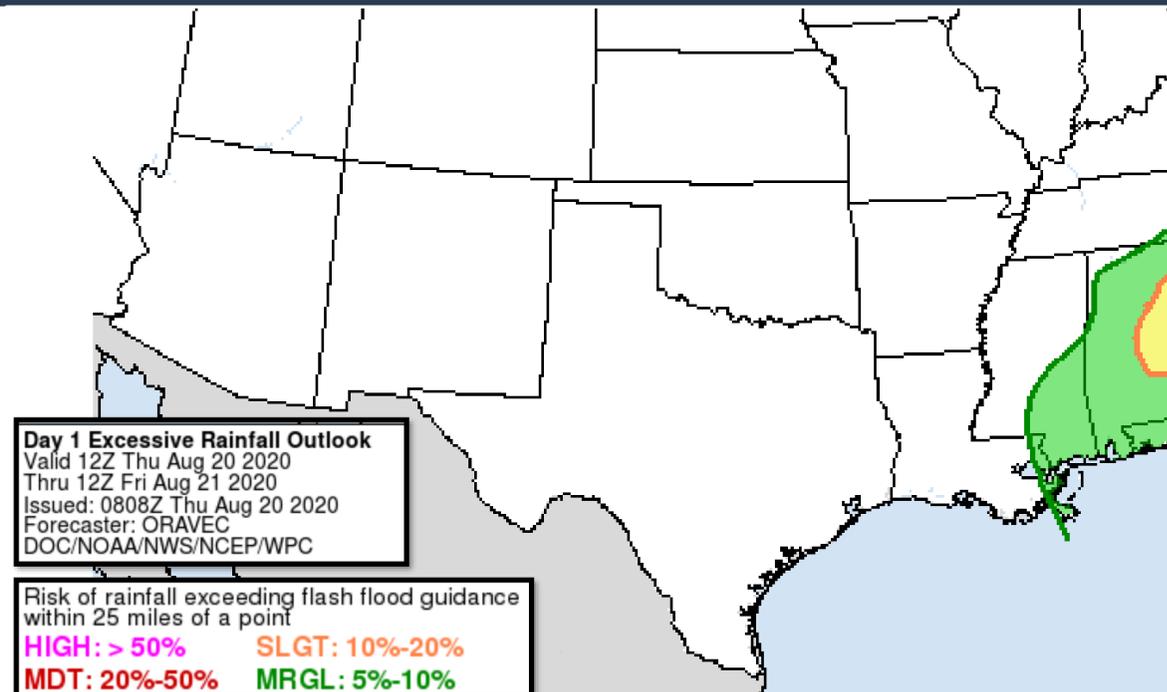
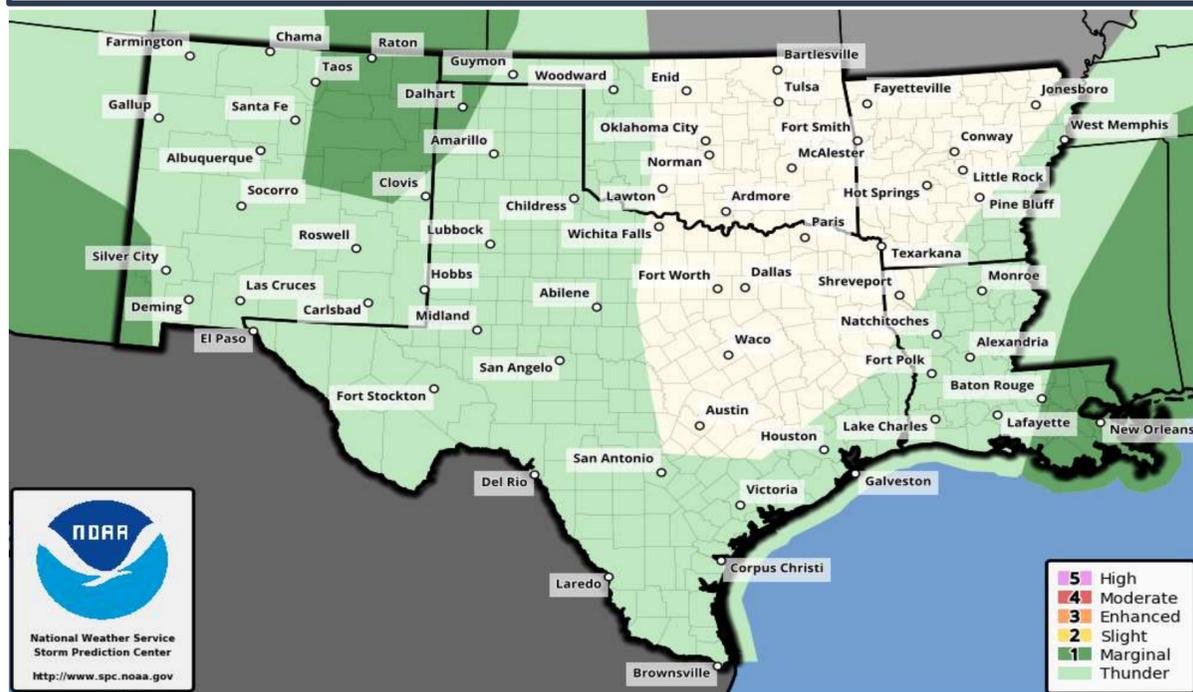
24-Hour Day 1 QPF
Valid 12Z Thu Aug 20 2020
Thru 12Z Fri Aug 21 2020
Issued: 0836Z Thu Aug 20 2020

Weather Valid 8am EDT Thu Aug 20 2020 to 8am EDT Fri Aug 21 2020
Fronts Valid 8am EDT Thu Aug 20 2020

Issued 4:50 AM EDT Thu, Aug 20, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

Severe Weather Outlook

Excessive Rainfall Outlook



Day 1 Excessive Rainfall Outlook
Valid 12Z Thu Aug 20 2020
Thru 12Z Fri Aug 21 2020
Issued: 0808Z Thu Aug 20 2020
Forecaster: ORAVEC
DOC/NOAA/NWS/NCEP/WPC

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



Tomorrow's Weather

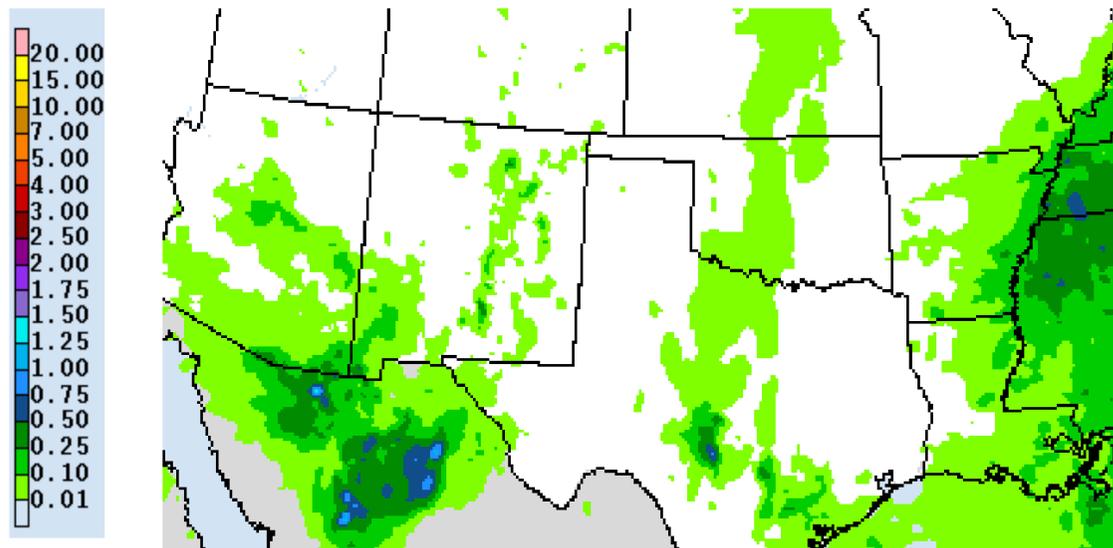
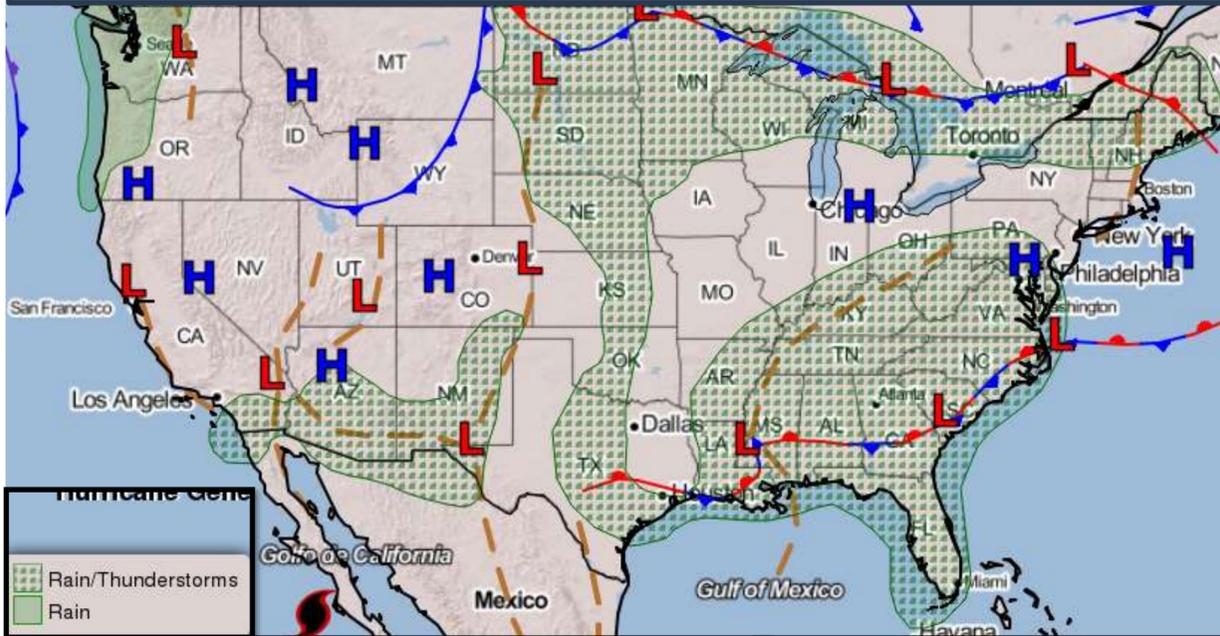


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Forecast Chart

Forecast Rainfall

No significant weather expected.



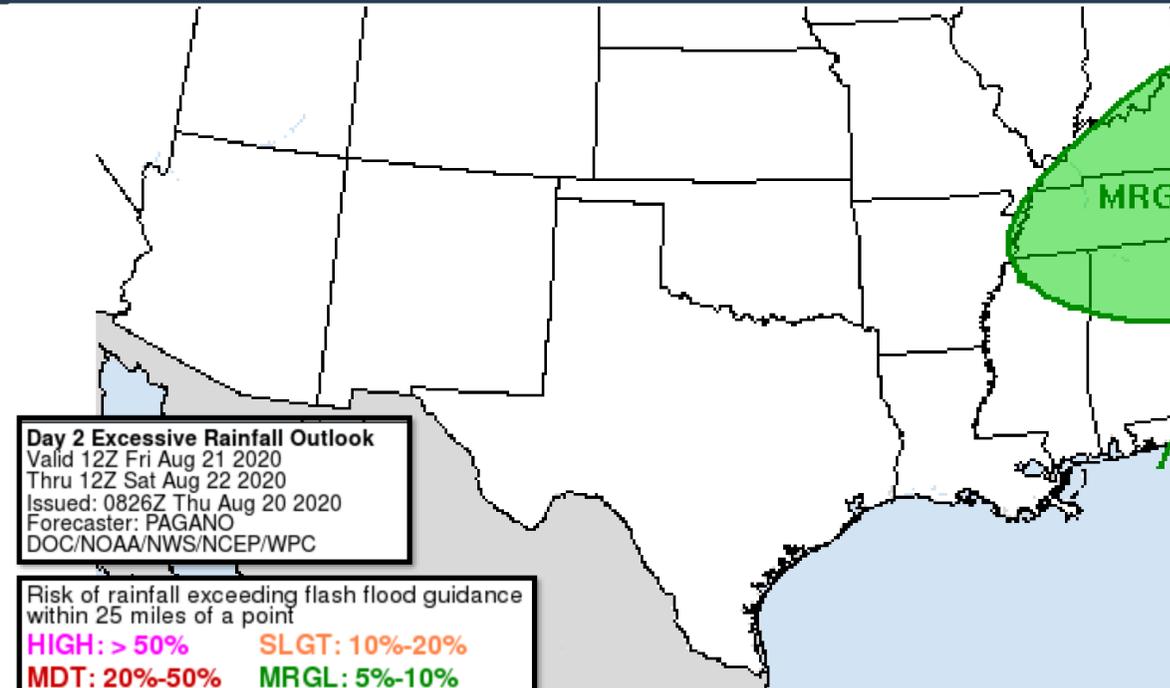
24-Hour Day 2 QPF
Valid 12Z Fri Aug 21 2020
Thru 12Z Sat Aug 22 2020
Issued: 0738Z Thu Aug 20 2020

Weather Valid 8am EDT Fri Aug 21 2020 to 8am EDT Sat Aug 22 2020
Fronts Valid 8am EDT Fri Aug 21 2020

Issued 4:52 AM EDT Thu, Aug 20, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Fri Aug 21 2020
Thru 12Z Sat Aug 22 2020
Issued: 0826Z Thu Aug 20 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%**



Saturday's Weather

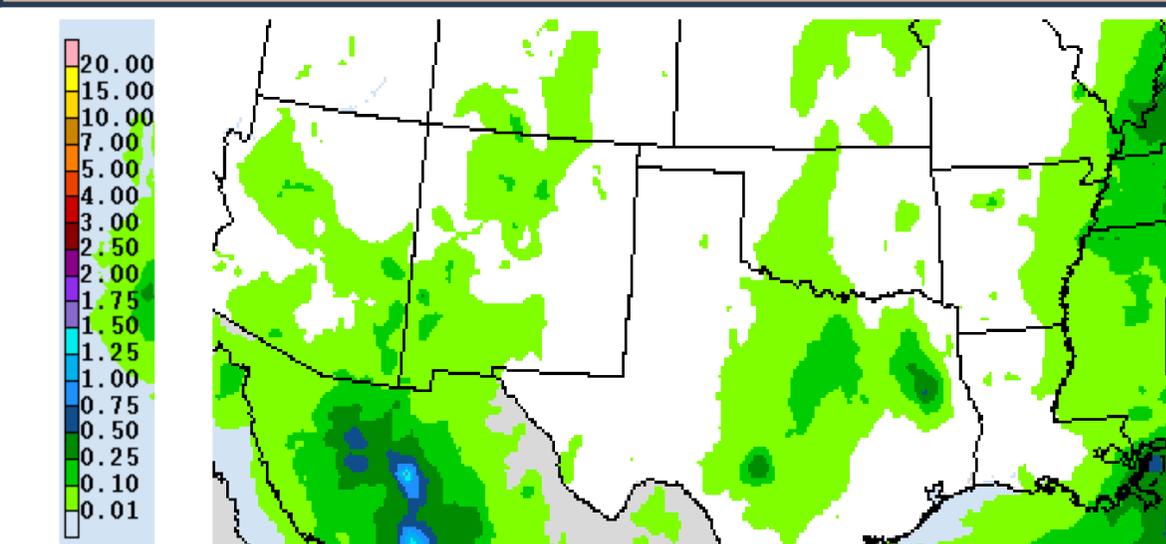
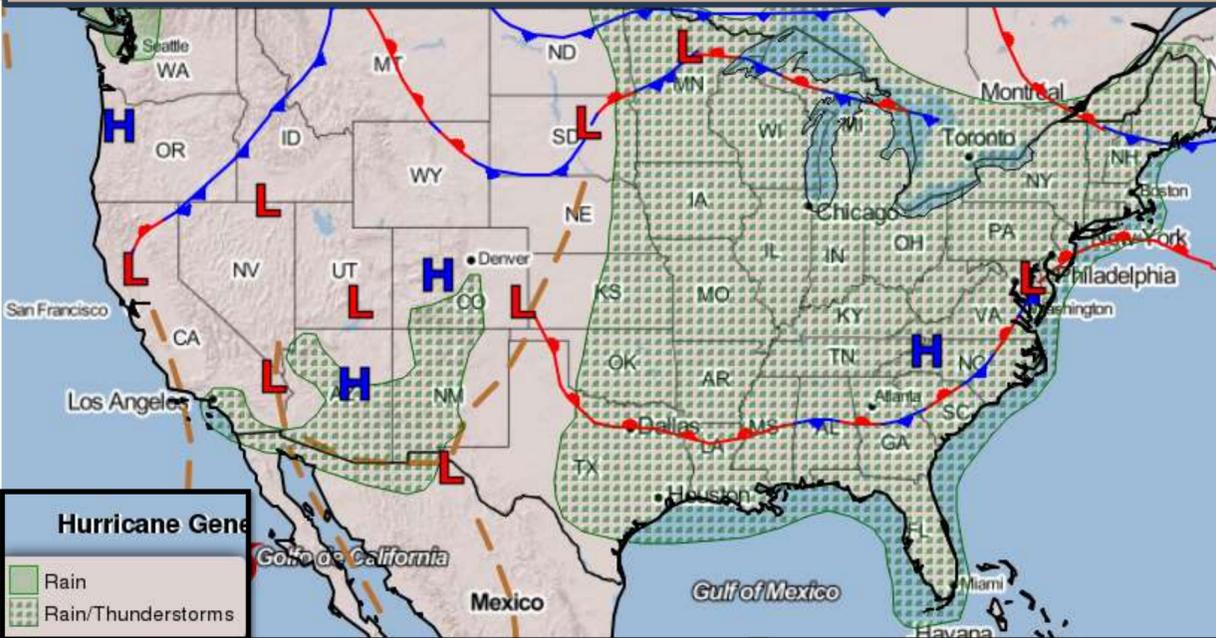


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Forecast Chart

Forecast Rainfall

No significant weather expected.

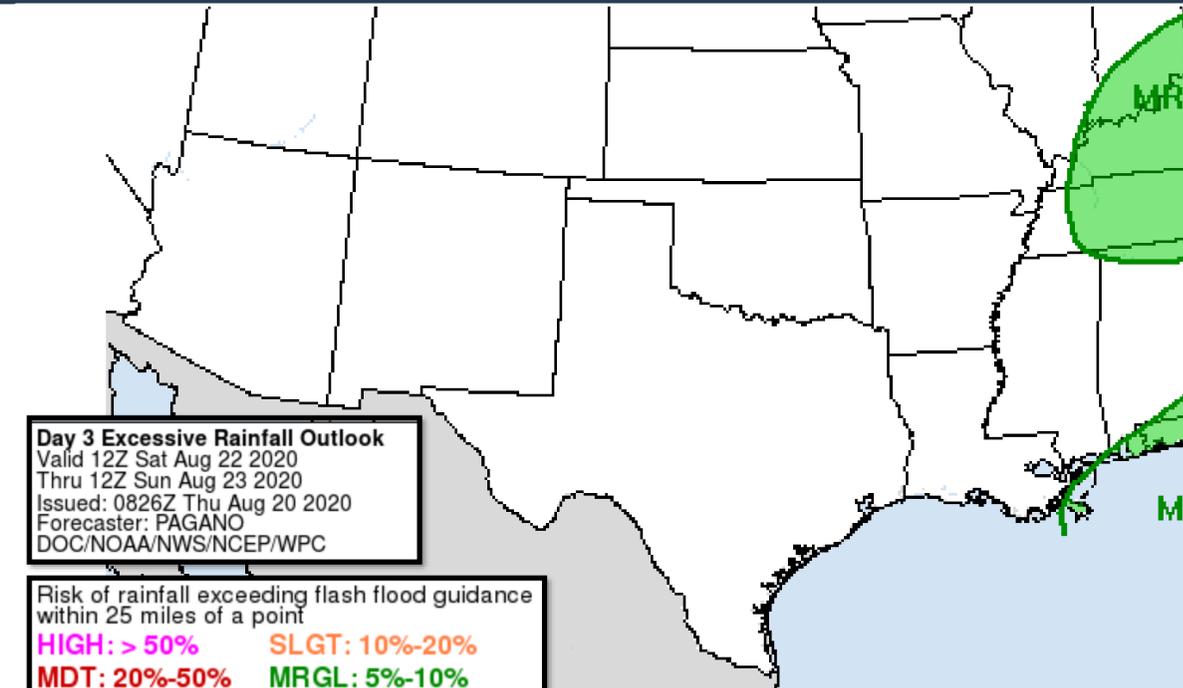


Weather Valid 8am EDT Sat Aug 22 2020 to 8am EDT Sun Aug 23 2020
 Fronts Valid 8am EDT Sat Aug 22 2020
 Issued 4:54 AM EDT Thu, Aug 20, 2020
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Kebede with WPC/SPC/NHC forecasts.

24-Hour Day 3 QPF
 Valid 12Z Sat Aug 22 2020
 Thru 12Z Sun Aug 23 2020
 Issued: 0738Z Thu Aug 20 2020

Severe Weather Outlook

Excessive Rainfall Outlook



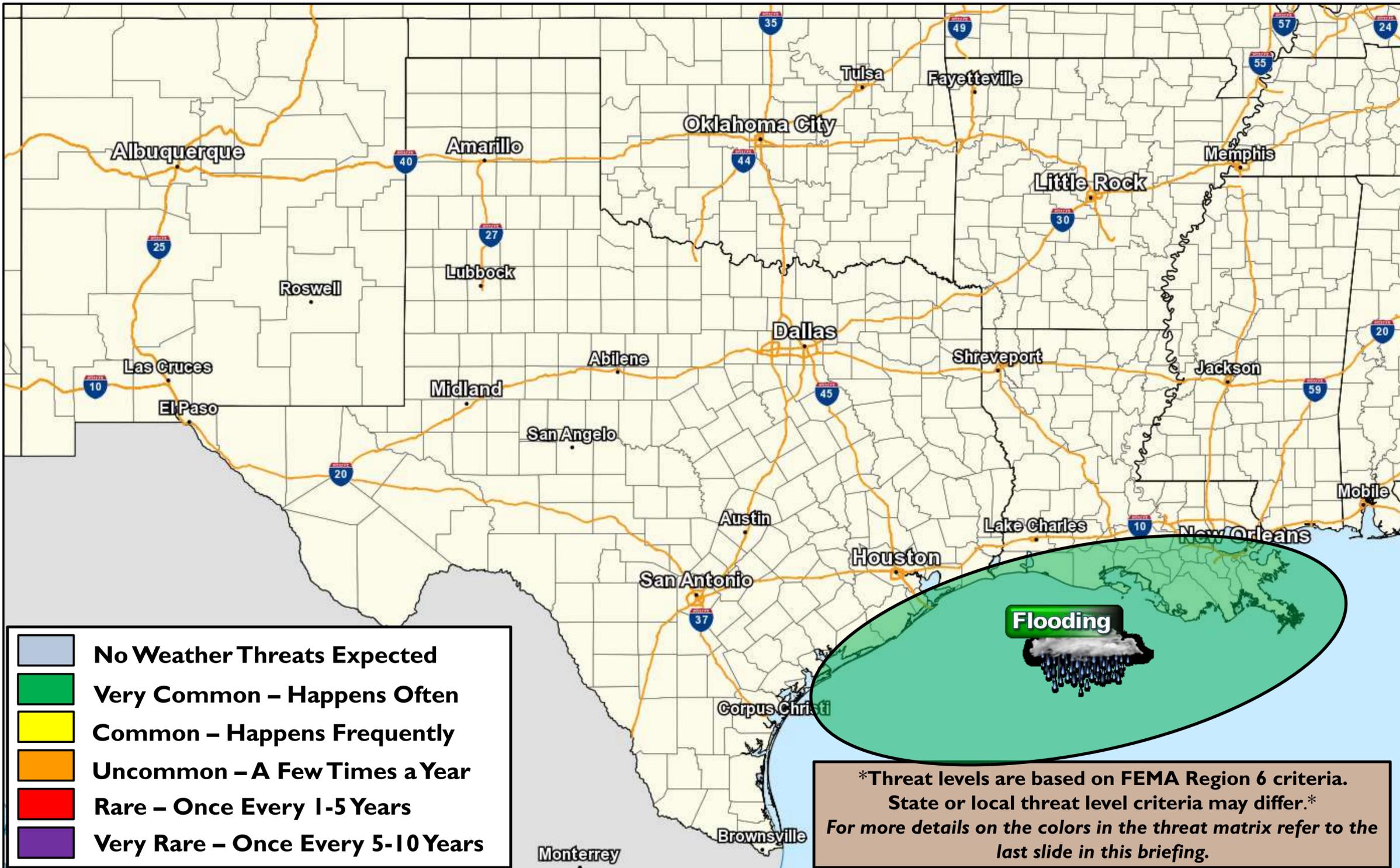
Days 4-5 Weather Hazards

Sunday - Monday



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Isolated heavy rain possible along the LA and Upper TX Coast on Monday.

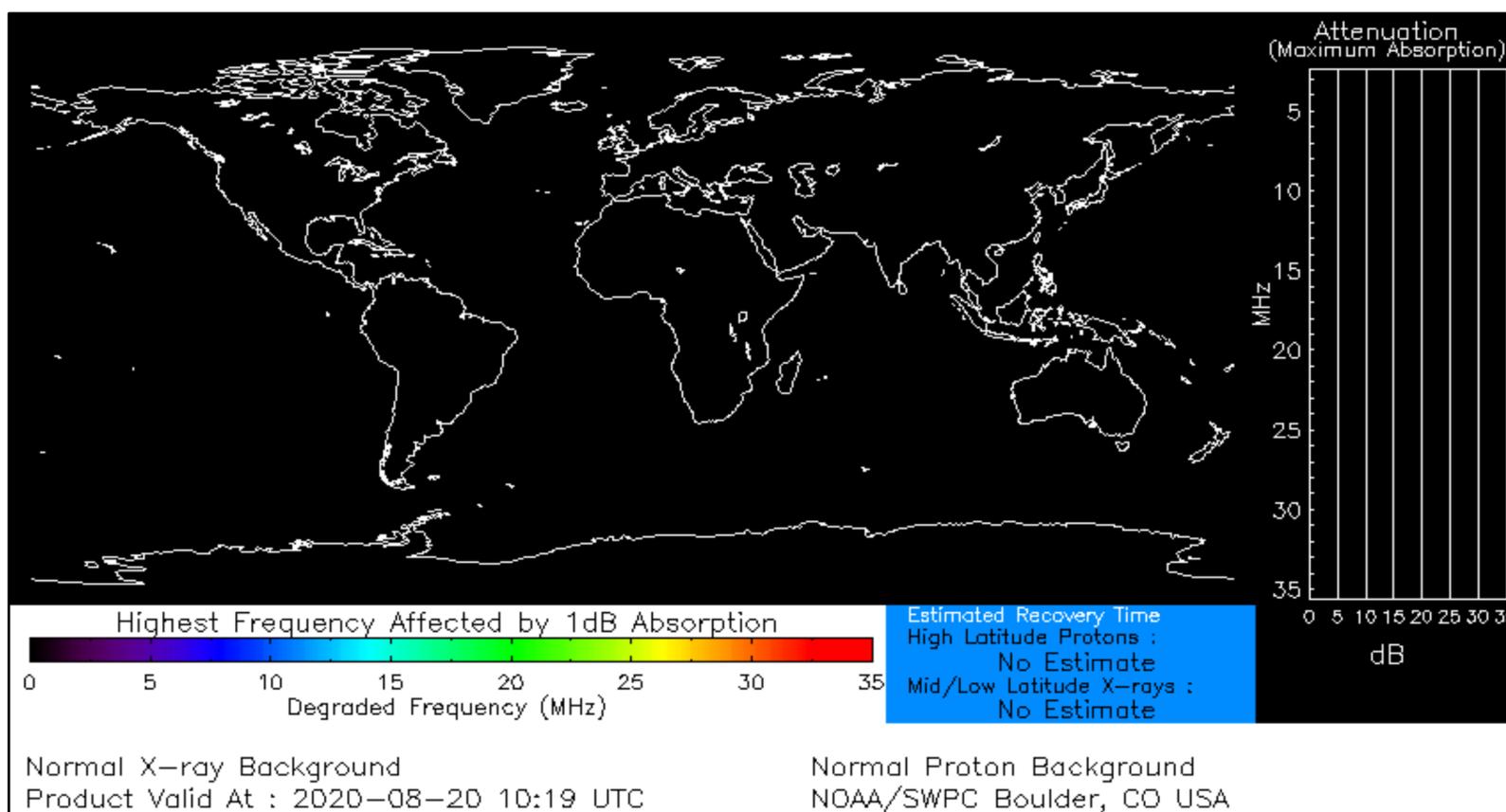


Space Weather 3-Day Forecast



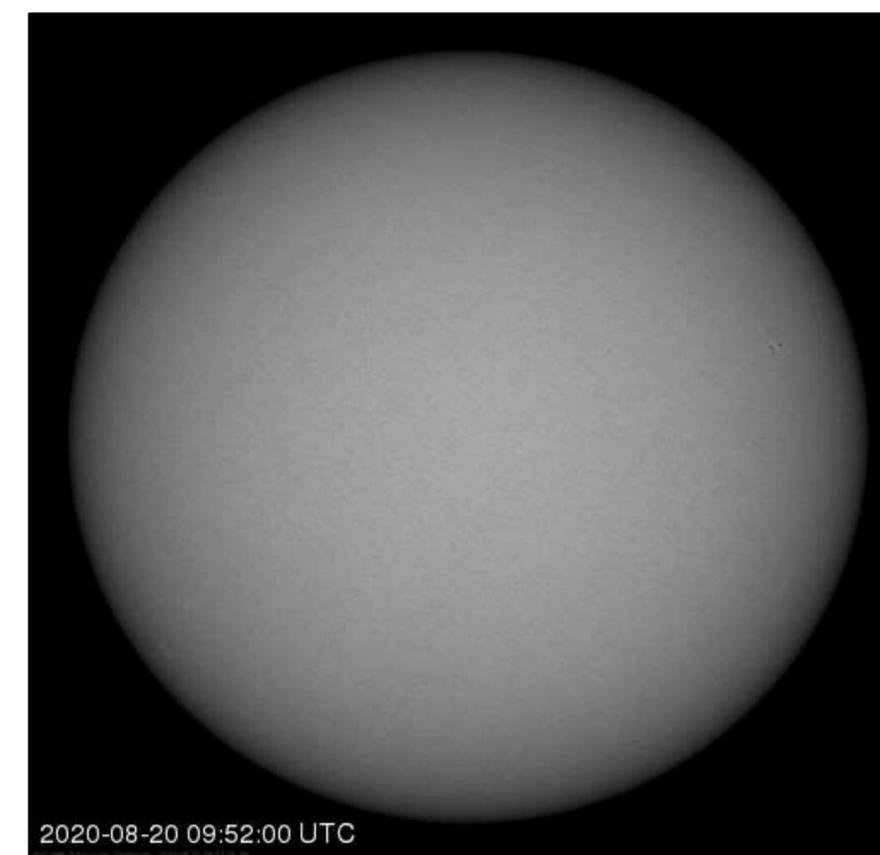
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[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.