



FEMA



Prepared by
Todd Beal

FEMA Region 6 Weather Threat Briefing

Saturday August 15, 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.



- **Excessive heat across TX/OK/LA through Sunday.**
- **Marginal to slight risk of severe storms across NM into the TX/OK Panhandles today and Sunday.**
- **Tropical Storms Josephine and Kyle will remain in the Atlantic and not approach the US coasts.**
 - **No impacts to FEMA 6.**

FEMA Region 6 Threat Matrix

Aug 15, 2020 - Aug 19, 2020



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DAY / THREAT	Sat	Sun	Mon	Tue	Wed
Severe Storms	NE NM TX/OK Panhandles	NM TX/OK Panhandles			
Heavy Rain / Flash Flooding					
Fire Weather					
Tropical Winds / Surge					
Heat	TX/OK/LA	TX/OK/LA			
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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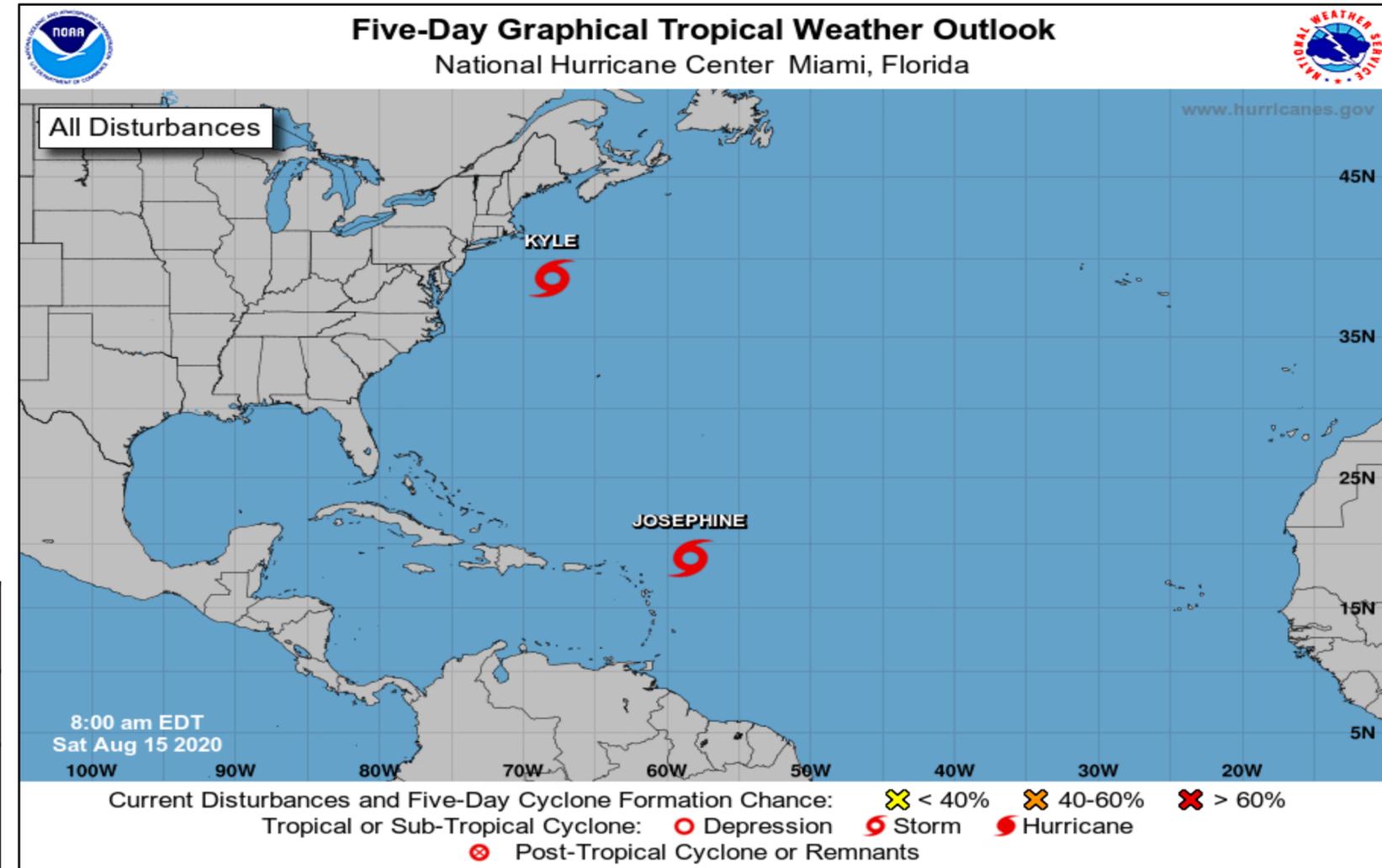
See next slide for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6

Active Tropical Cyclones

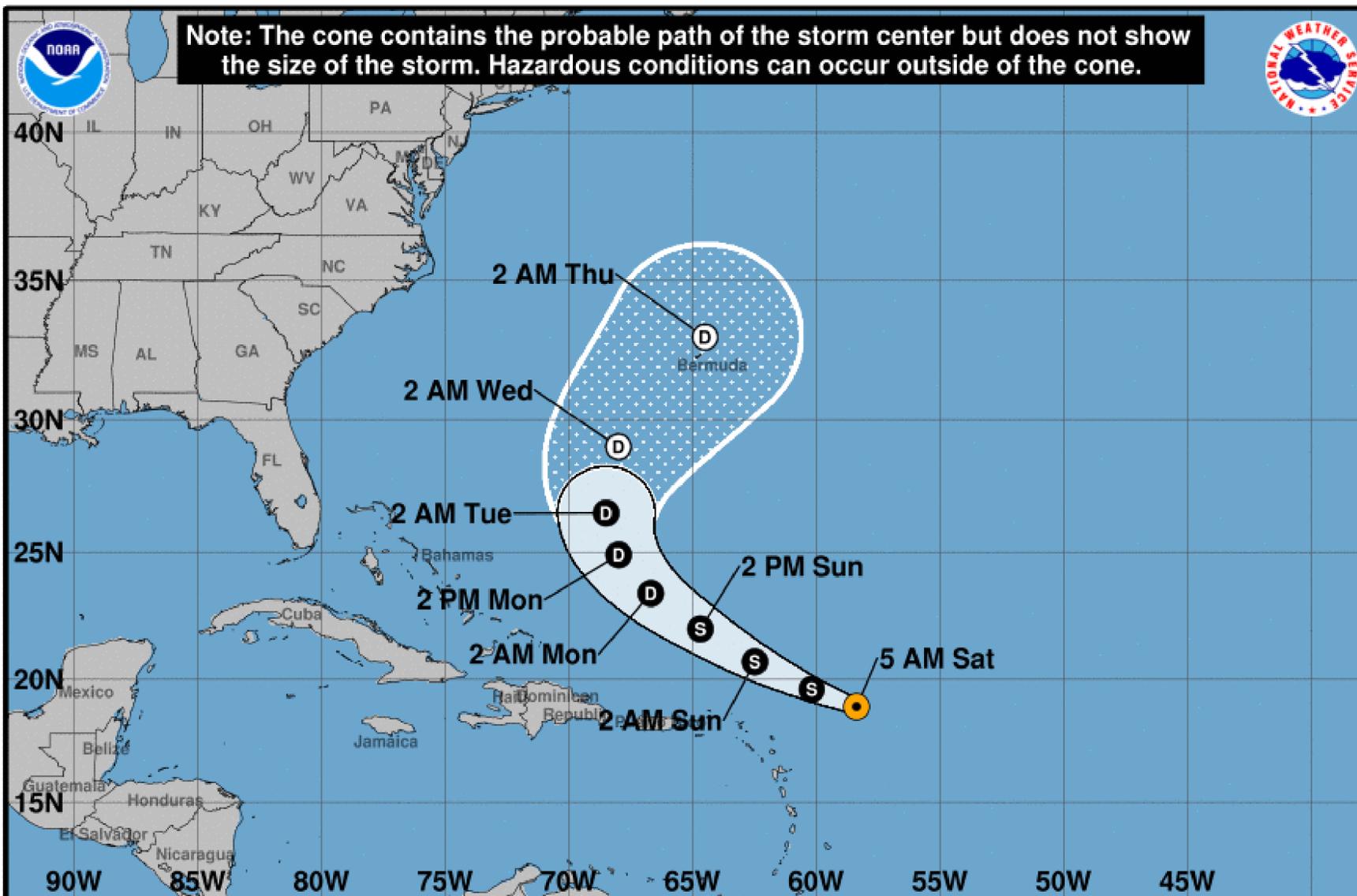
Storm	Potential Impacts to FEMA 6
Josephine	None.
Kyle	None.



Tropical Storm Josephine



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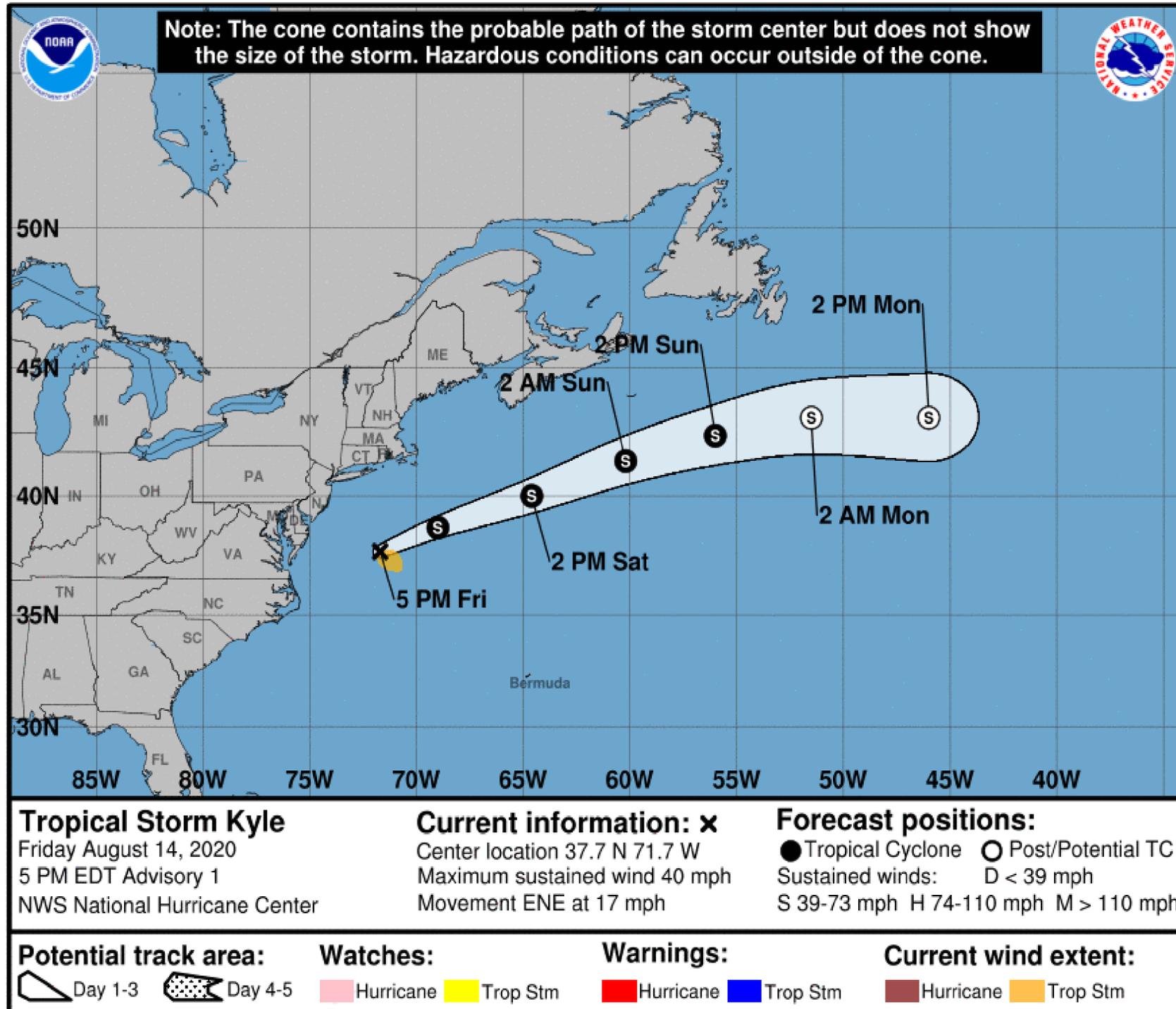
- At 5am, Tropical Storm Josephine was located about 310 miles east of the Northern Leeward Islands with max sustained winds of 45 mph.
- Josephine is moving toward the west-northwest near 15 mph and this general motion is expected to continue for the next day or two followed by a turn toward the northwest late this weekend or early next week.
- Josephine will pass to the northeast of the Leeward Islands this weekend then weaken and turn north early to mid next week and move into the western Atlantic, well offshore of the eastern US.
 - **No impacts to FEMA Region 6.**

<p>Tropical Storm Josephine Saturday August 15, 2020 5 AM AST Advisory 15 NWS National Hurricane Center</p>	<p>Current information: ● Center location 18.9 N 58.4 W Maximum sustained wind 45 mph Movement WNW at 15 mph</p>	<p>Forecast positions: ● Tropical Cyclone ○ Post/Potential TC Sustained winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110 mph</p>
<p>Potential track area: ▭ Day 1-3 ▨ Day 4-5</p>	<p>Watches: ■ Hurricane ■ Trop Storm</p>	<p>Warnings: ■ Hurricane ■ Trop Storm</p>

Tropical Storm Kyle



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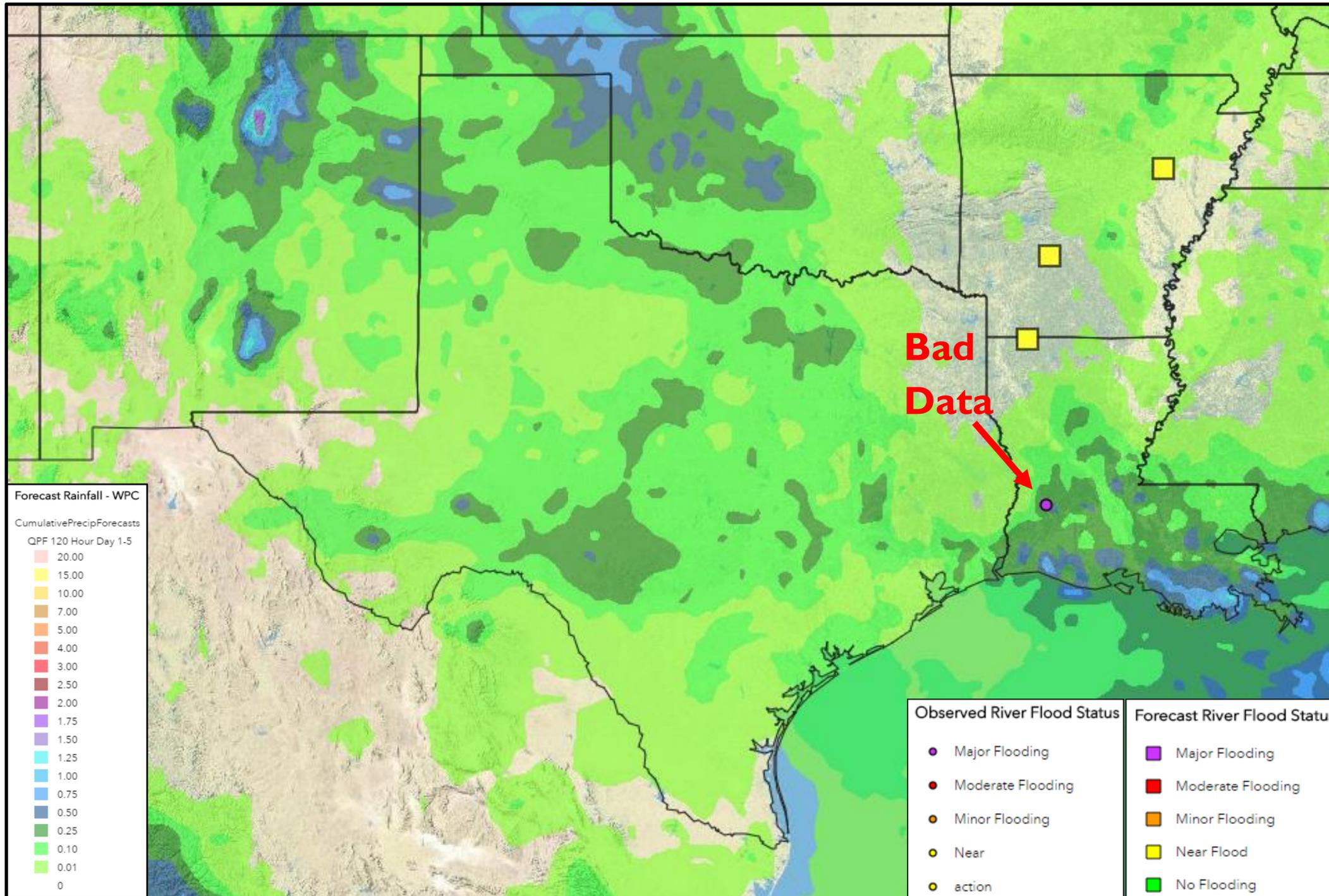
- At 5am, Tropical Storm Kyle was 280 miles southeast of Providence, RI and moving east northeast at 21 mph with max sustained winds of 45 mph.
- No impacts to FEMA Region 6.

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



No river flooding is observed or forecast.

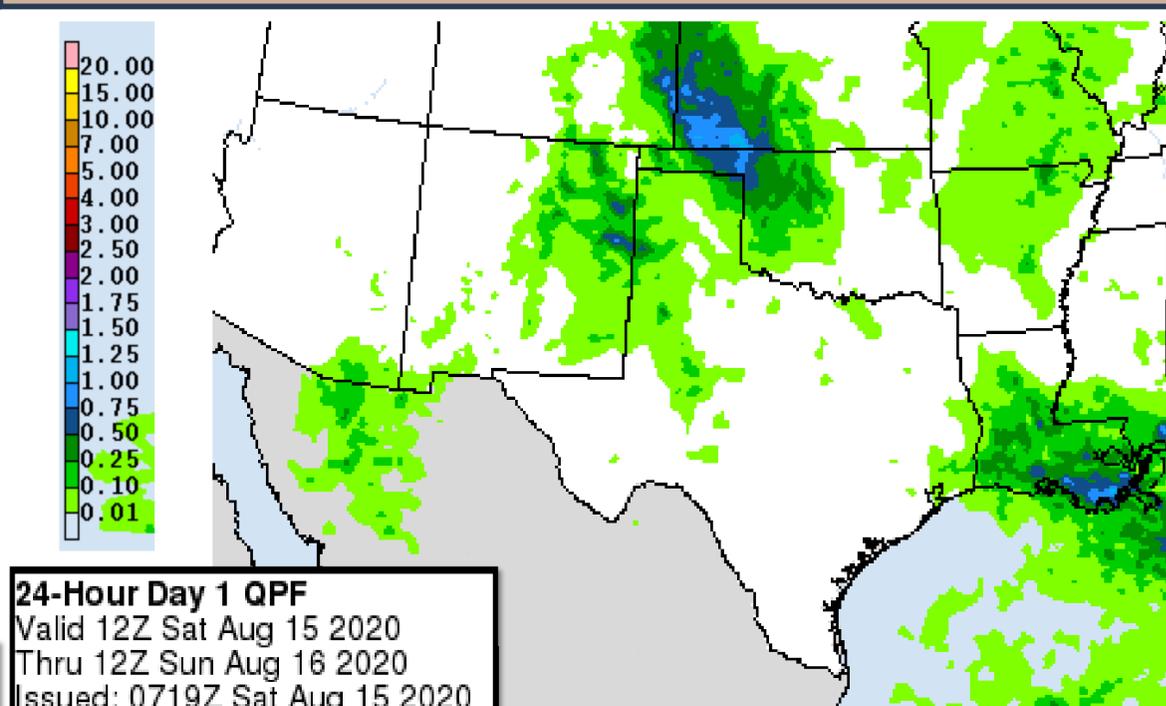
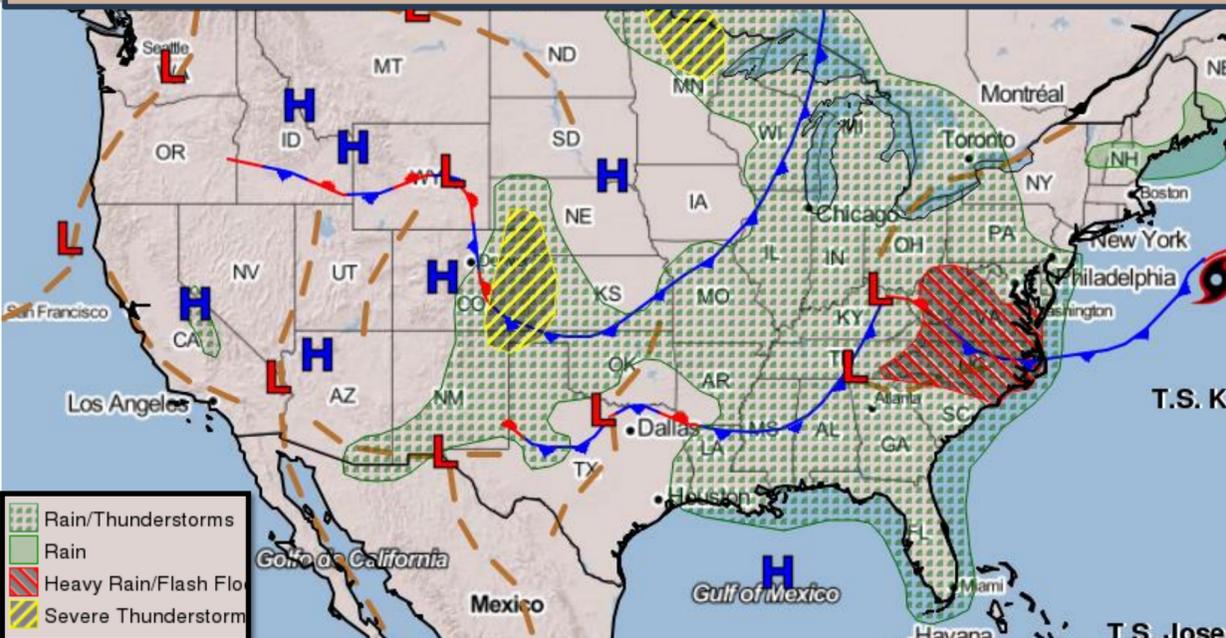
Today's Weather



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Forecast Chart

Forecast Rainfall



Slight risk of severe storms across NE NM and the W OK and NW TX Panhandles. Damaging winds and large hail are the main threats.

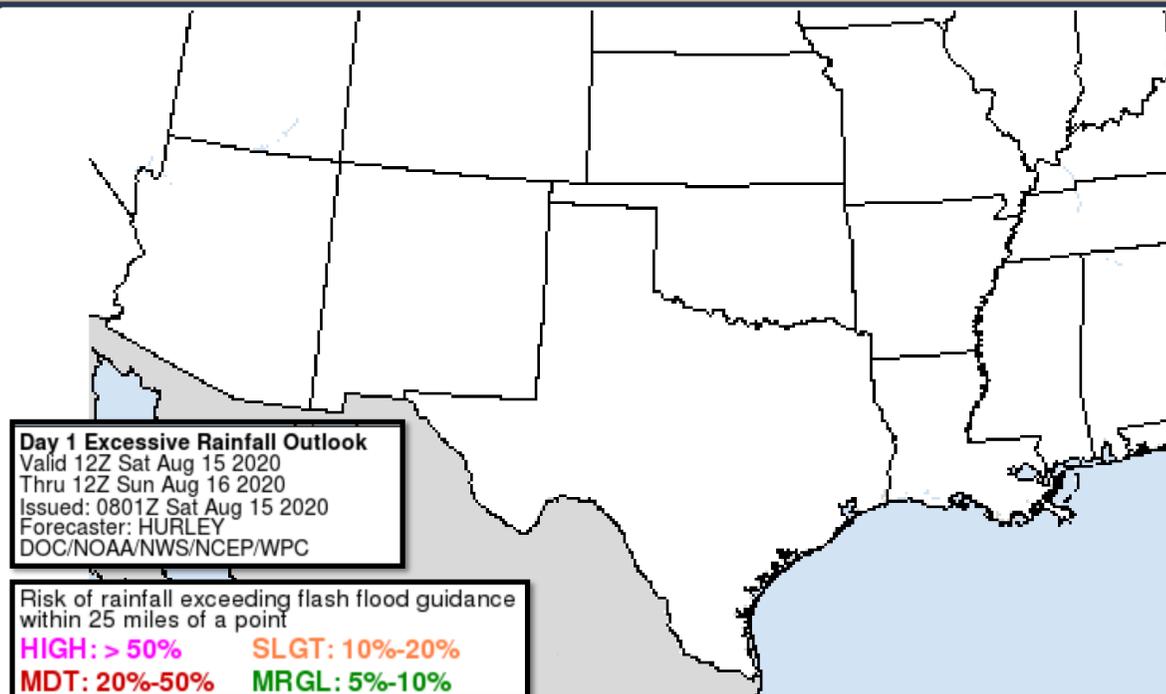
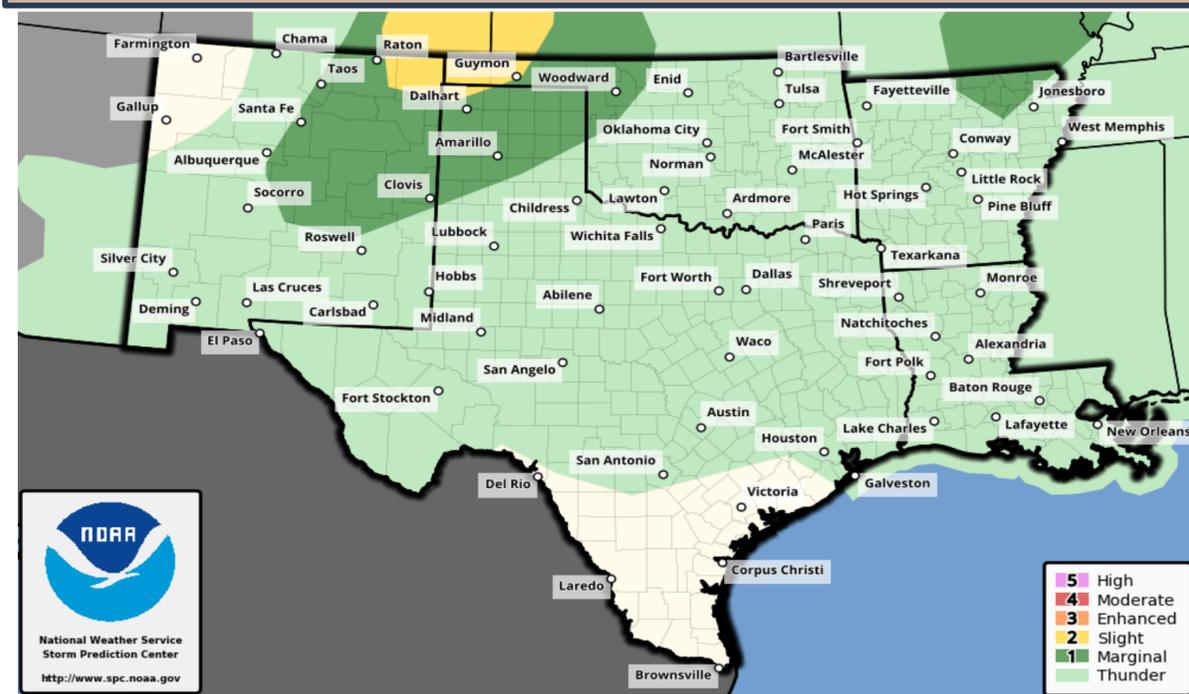
Isolated strong/severe storms across the remainder of the Panhandles, E NM, and N AR.

Weather Valid 8am EDT Sat Aug 15 2020 to 8am EDT Sun Aug 16 2020
Fronts Valid 8am EDT Sat Aug 15 2020

Issued 5:18 AM EDT Sat, Aug 15, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

Severe Weather Outlook

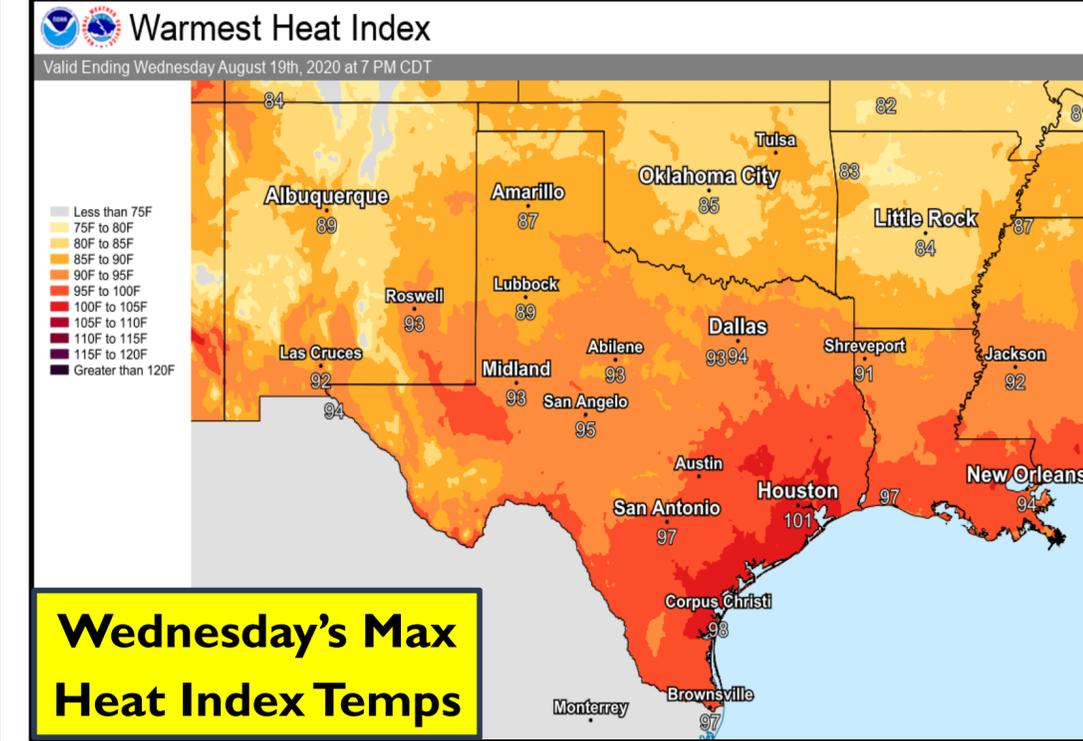
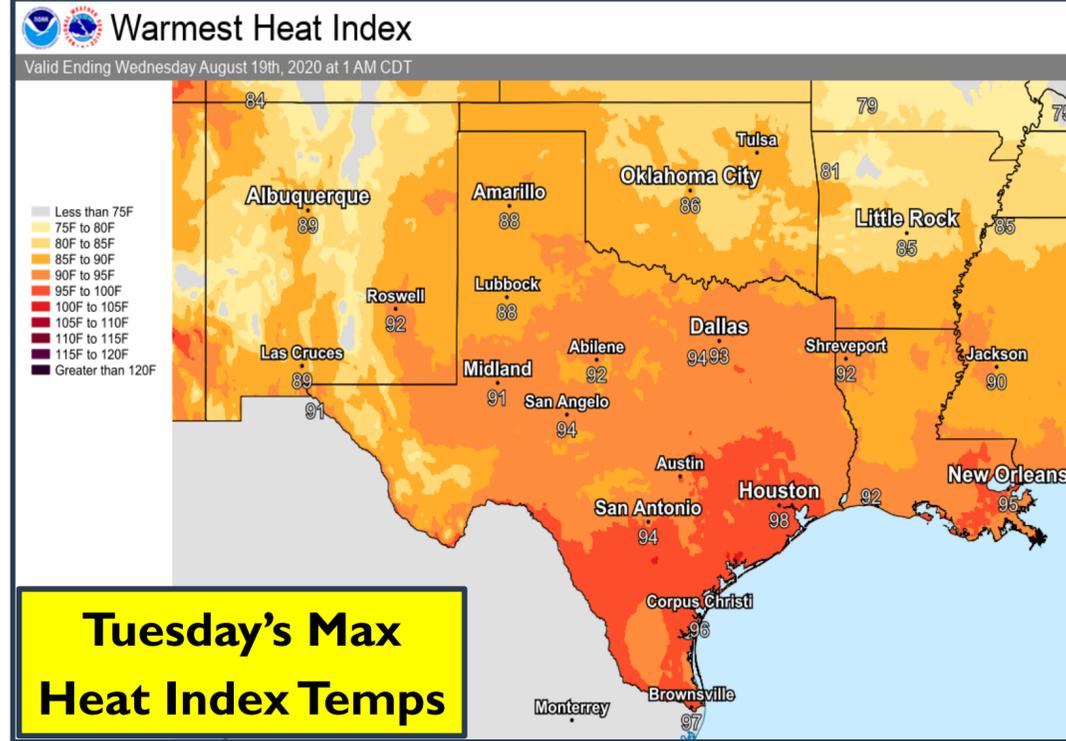
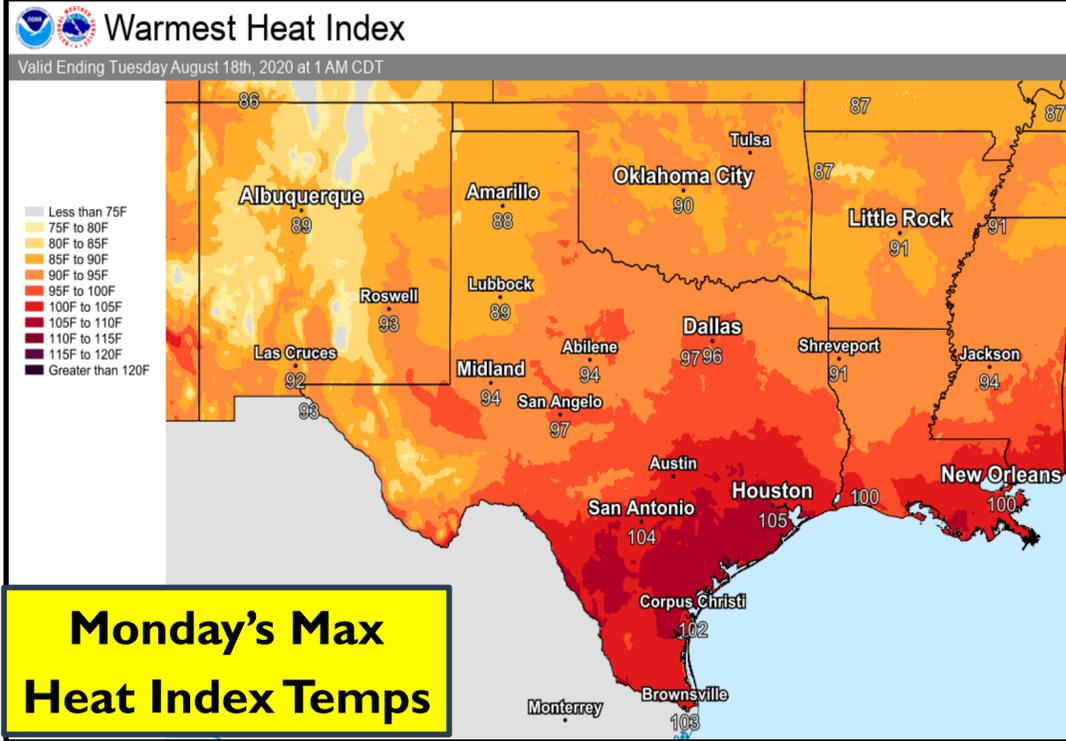
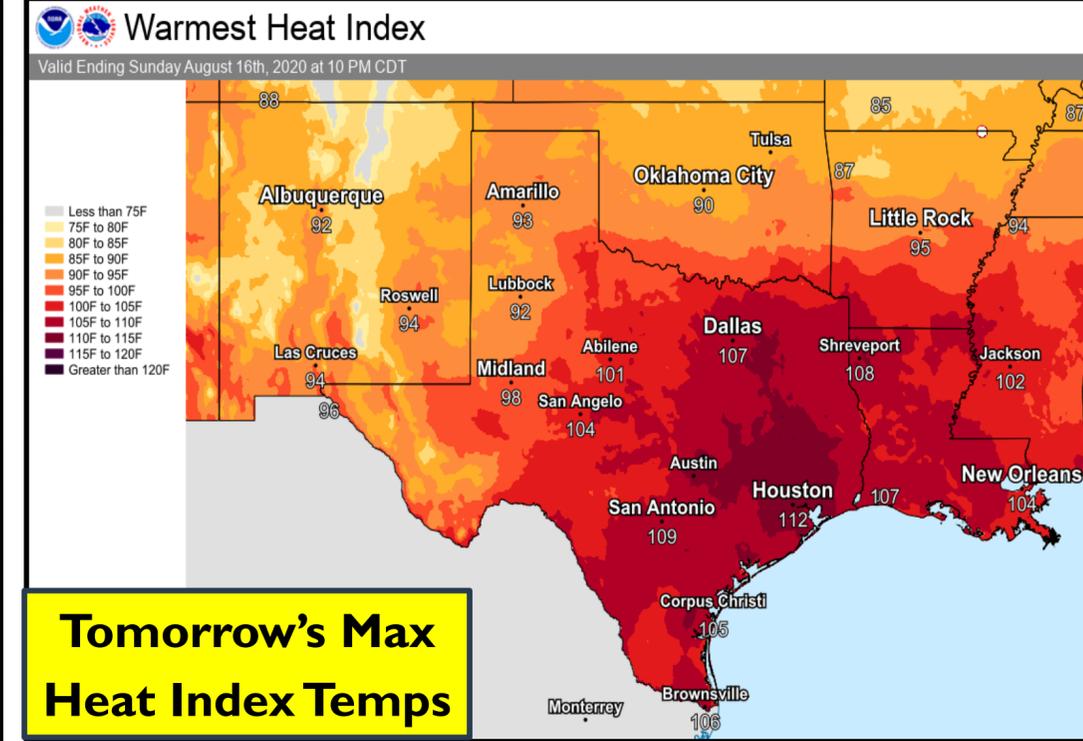
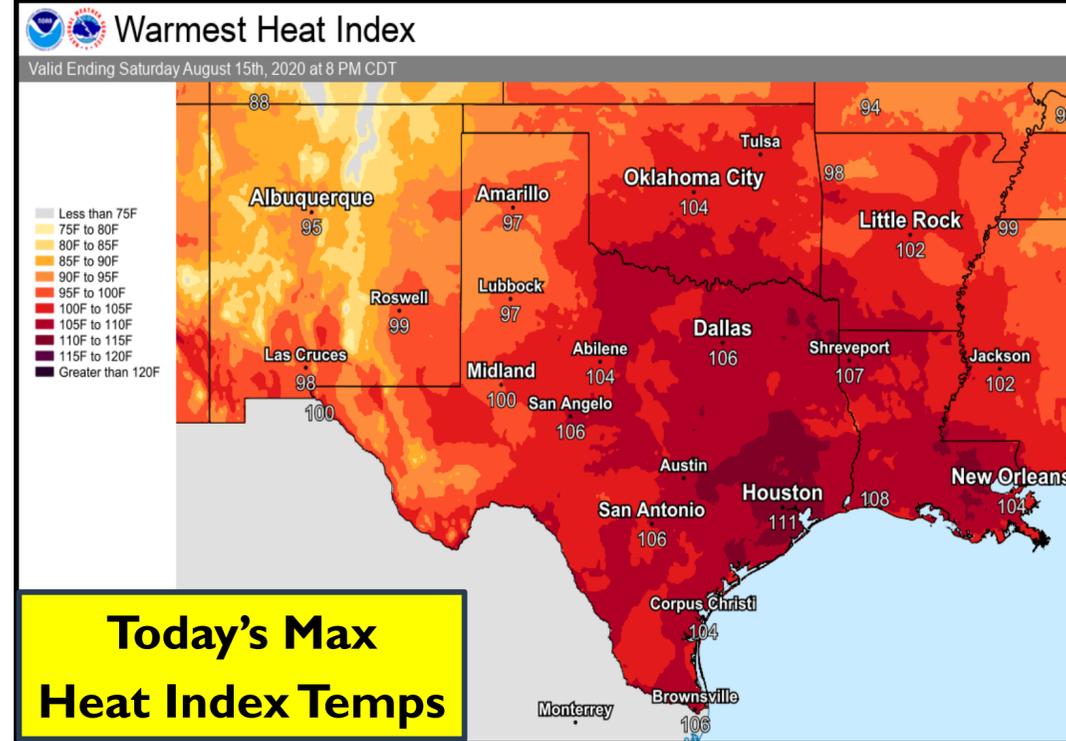
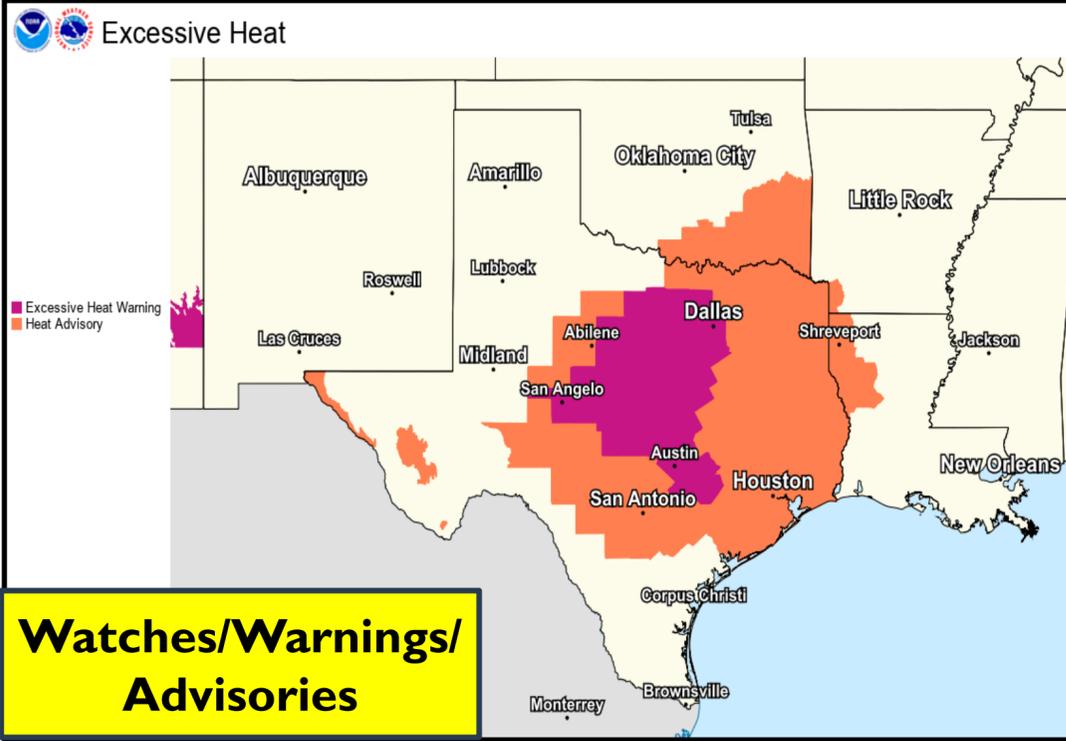
Excessive Rainfall Outlook



Excessive Heat Outlook



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Tomorrow's Weather

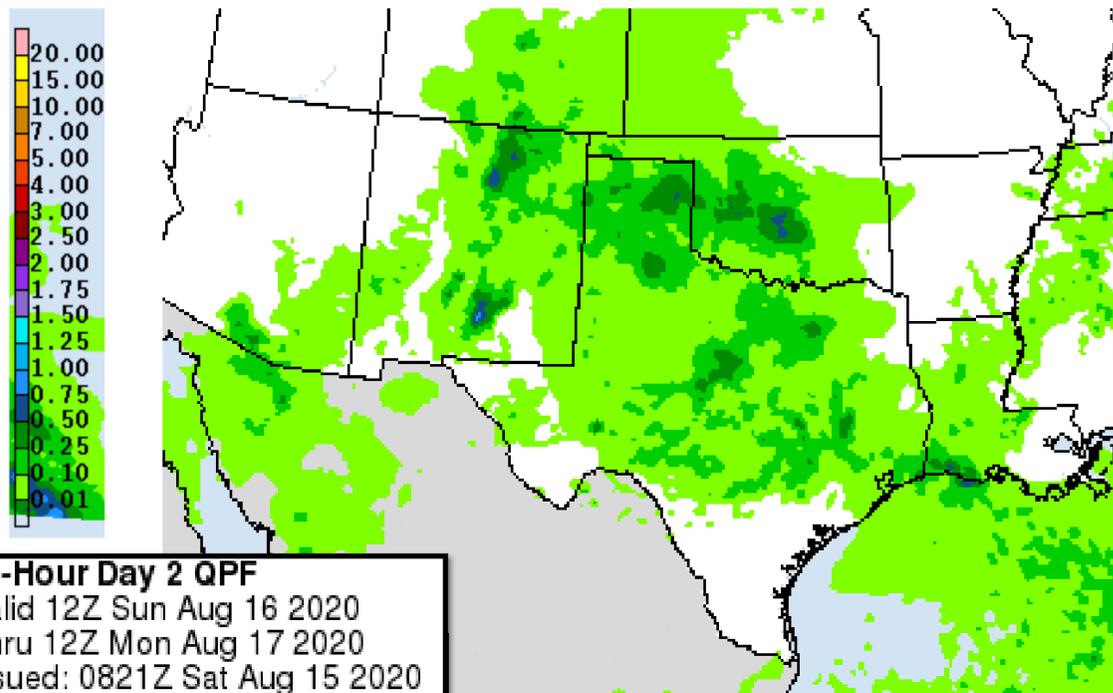
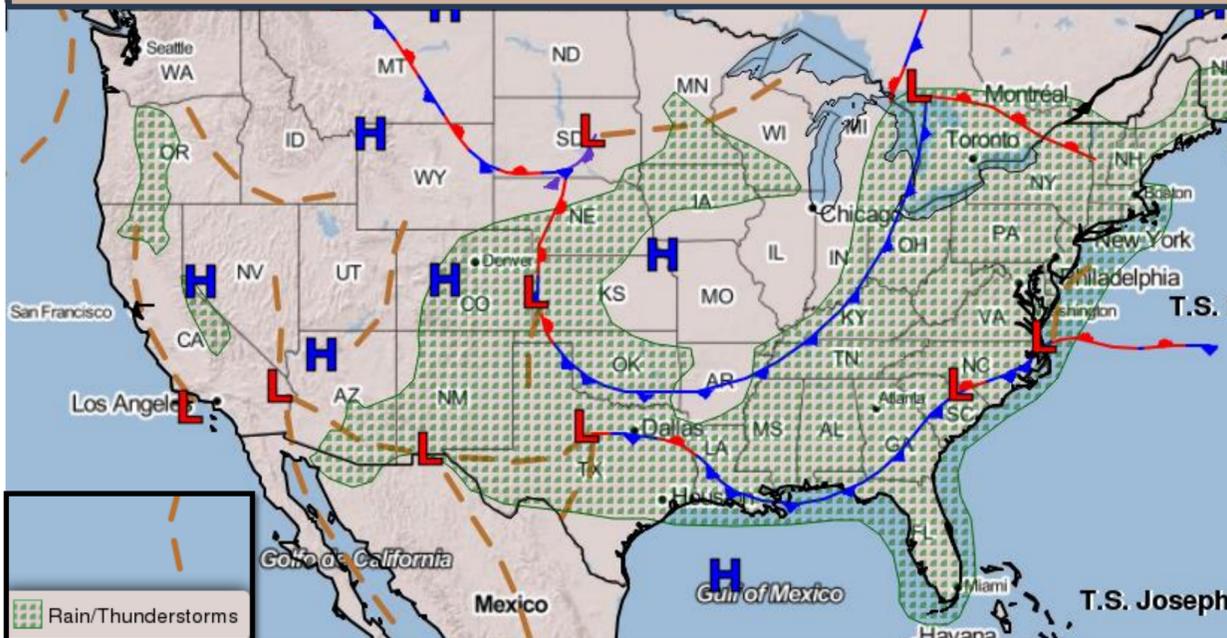


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Forecast Chart

Forecast Rainfall

Isolated strong/severe storms across N NM into the western TX/OK Panhandles. Isolated damaging wind gusts/hail are the main threats.

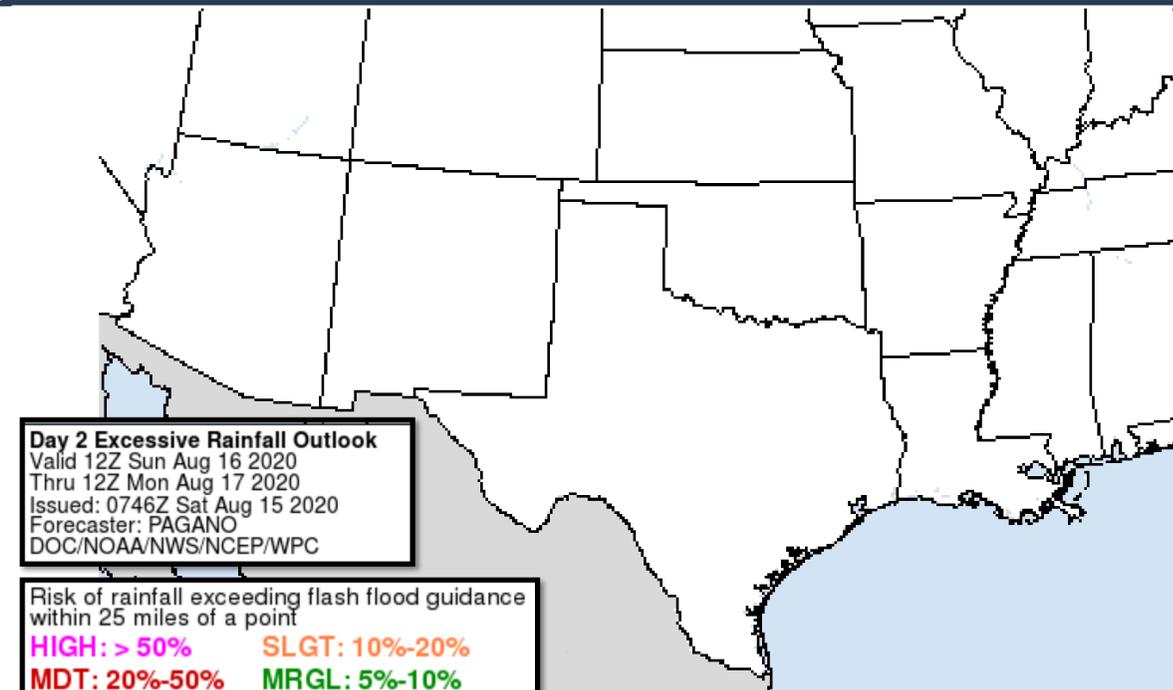
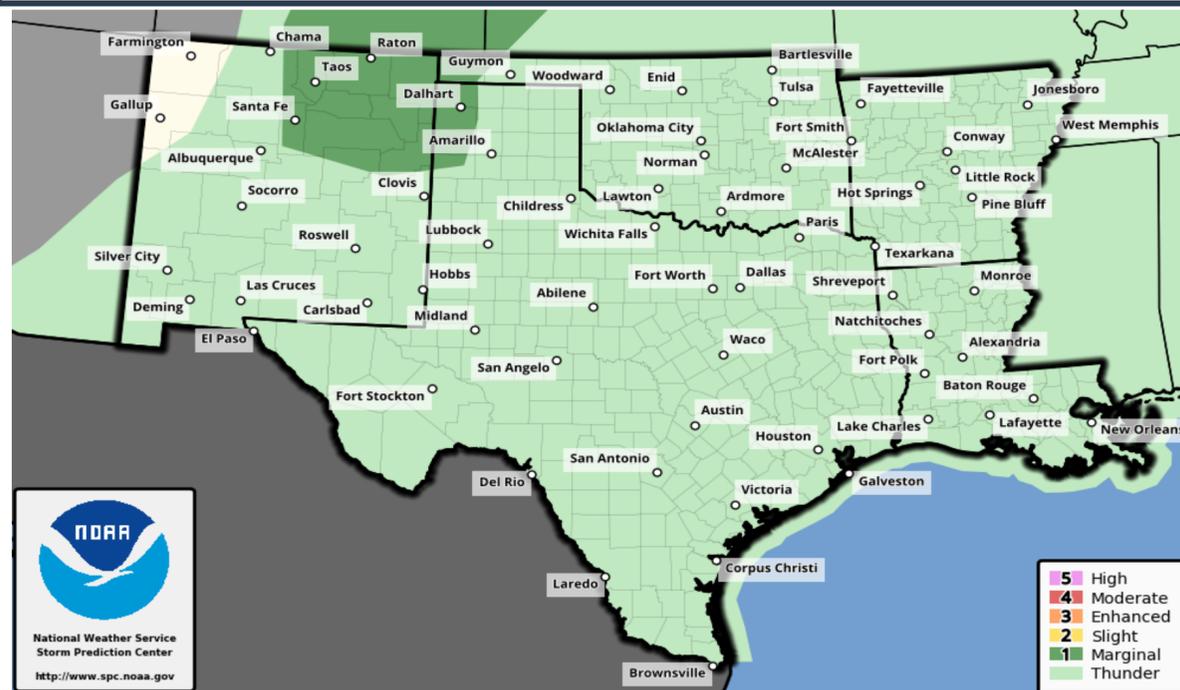


Weather Valid 8am EDT Sun Aug 16 2020 to 8am EDT Mon Aug 17 2020
Fronts Valid 8am EDT Sun Aug 16 2020
Issued 5:10 AM EDT Sat, Aug 15, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

24-Hour Day 2 QPF
Valid 12Z Sun Aug 16 2020
Thru 12Z Mon Aug 17 2020
Issued: 0821Z Sat Aug 15 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Sun Aug 16 2020
Thru 12Z Mon Aug 17 2020
Issued: 0746Z Sat Aug 15 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%



Monday's Weather

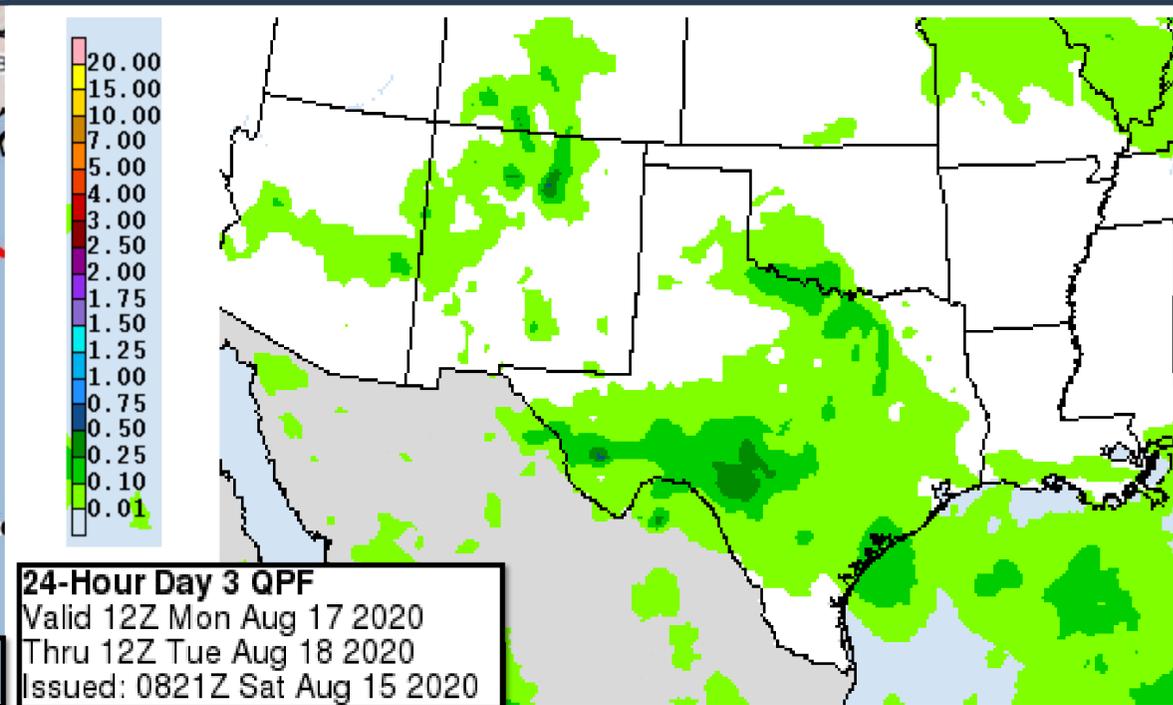
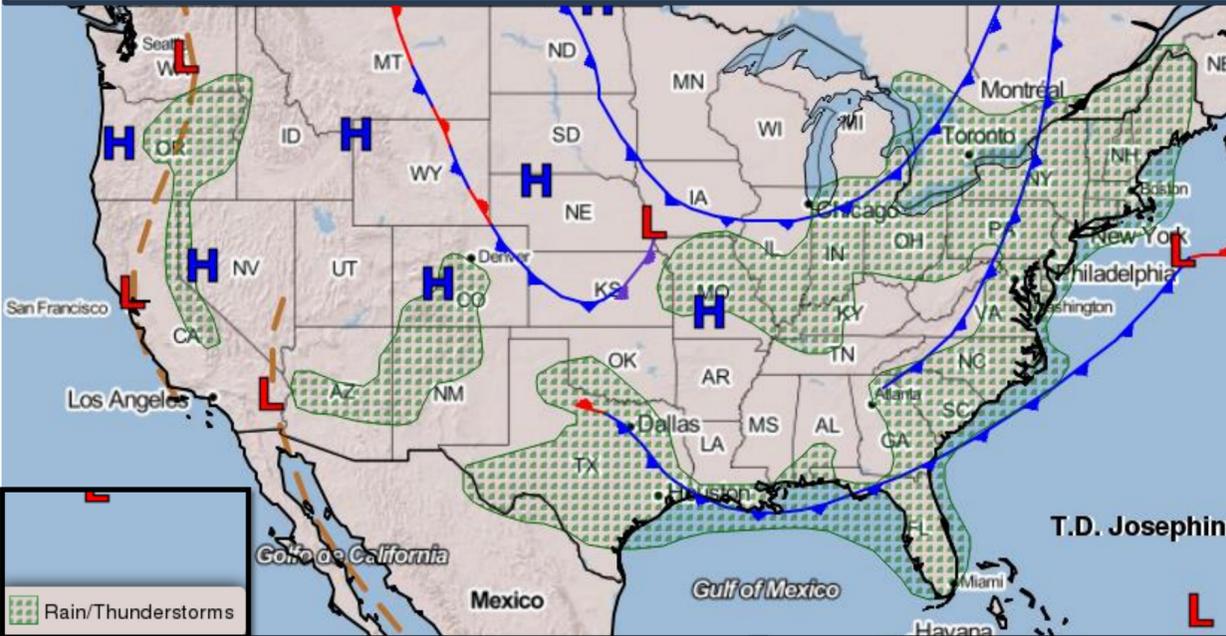


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Forecast Chart

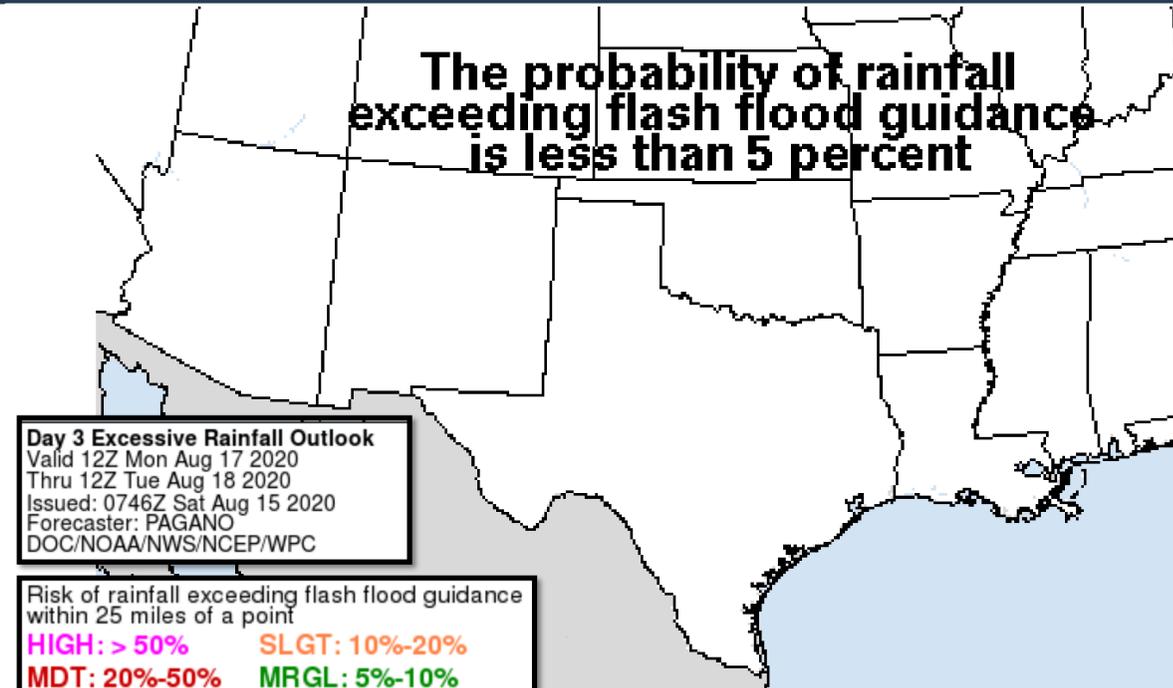
Forecast Rainfall

No significant weather expected.



Severe Weather Outlook

Excessive Rainfall Outlook



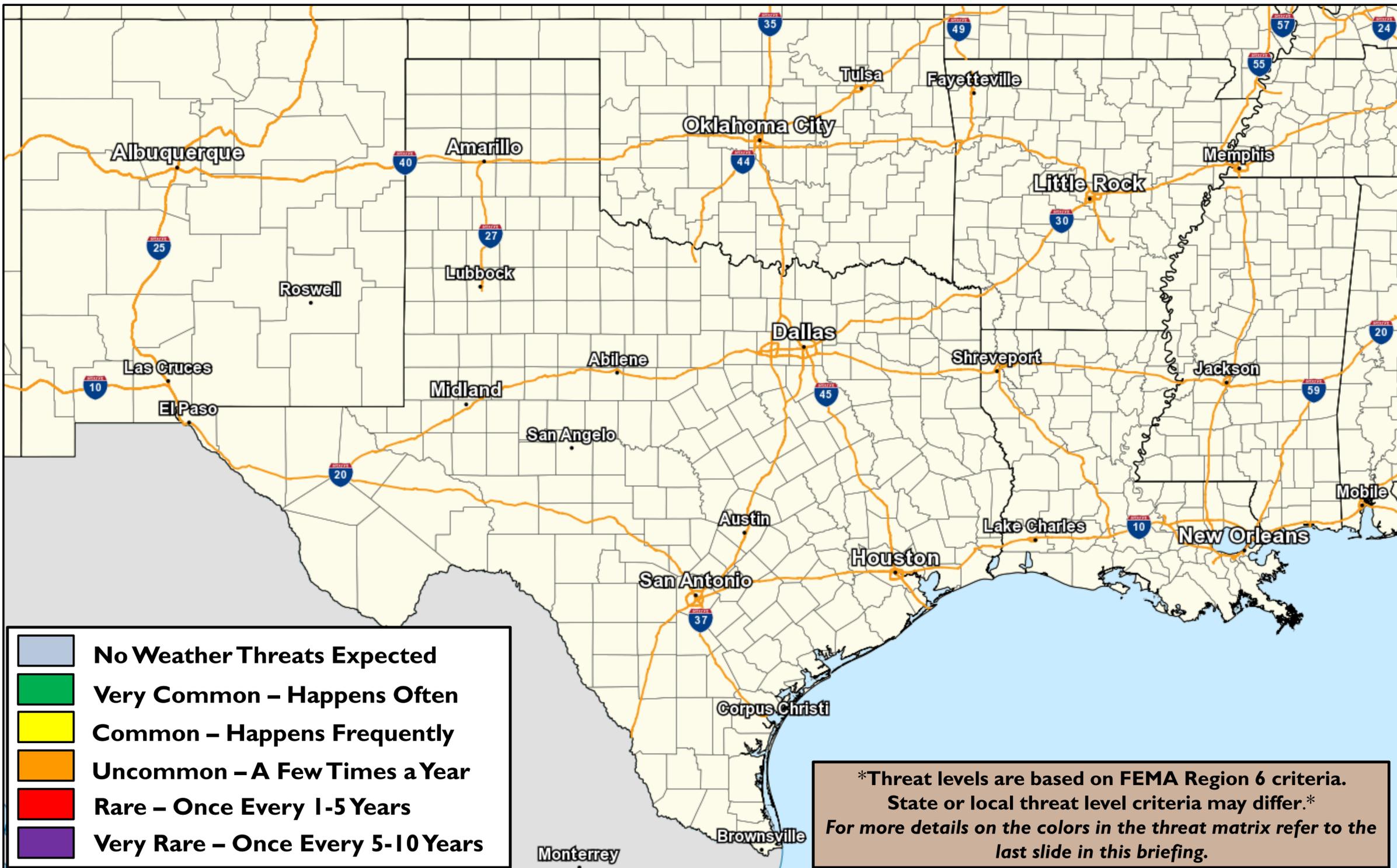
Days 4-5 Weather Hazards

Tuesday - Wednesday



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No significant weather expected.

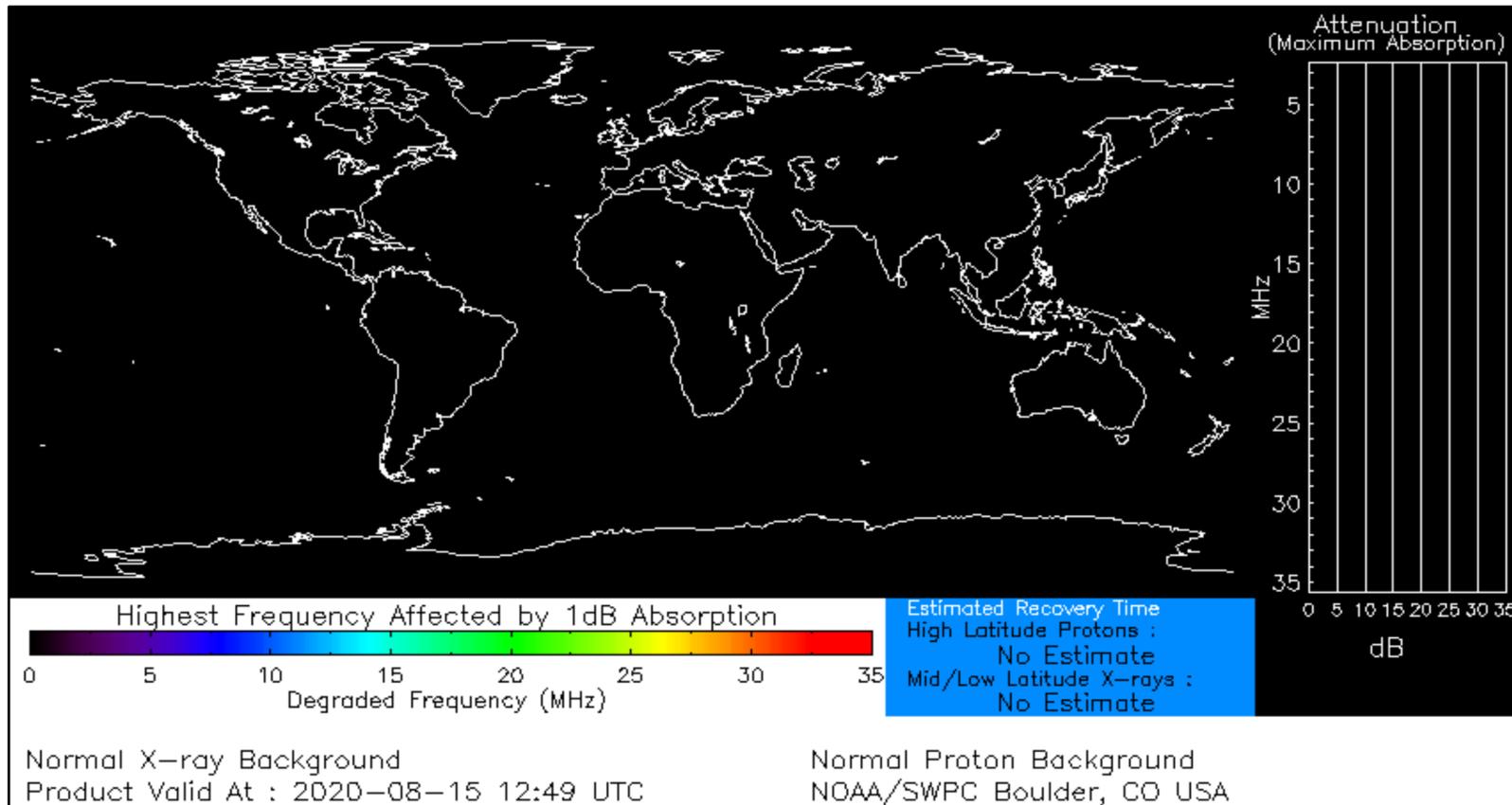


Space Weather 3-Day Forecast



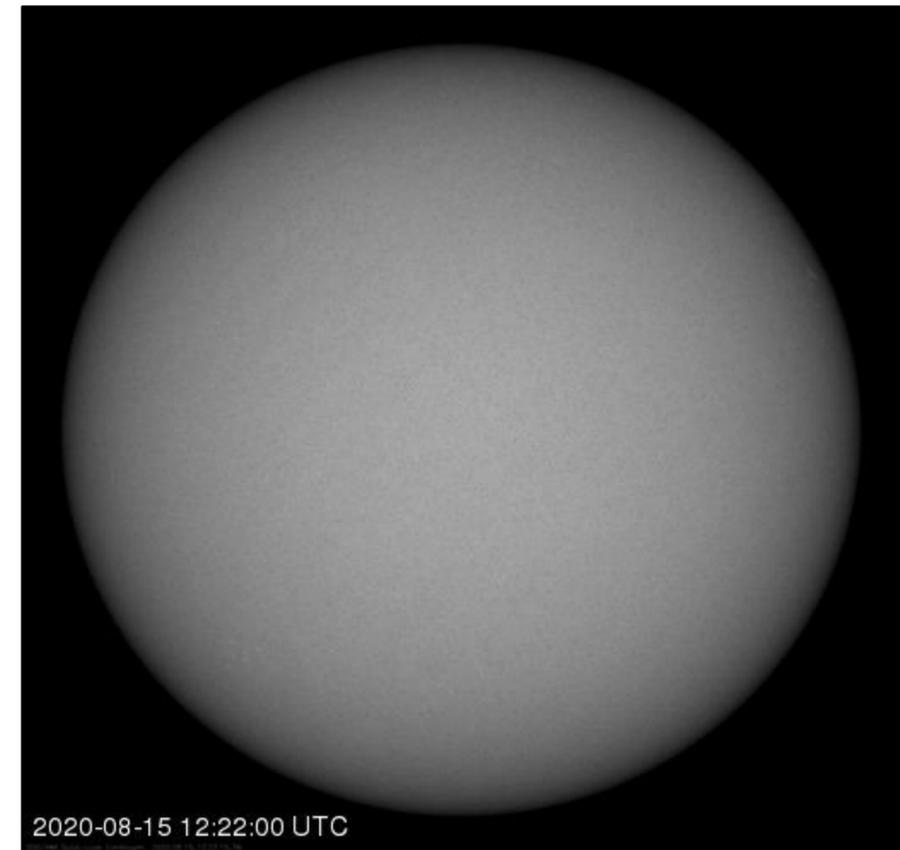
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	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[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.