



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Saturday September 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.



- **TS Beta expected to strengthen to a hurricane, and move very slowly over the Western Gulf through mid-week.**
 - **Tropical Storm, Hurricane, and Storm Surge Watches have been issued**
 - **Potential to bring a prolonged period of heavy rain/flash flooding and coastal flooding along TX/LA coastal areas beginning late this weekend into next week.**

FEMA Region 6 Threat Matrix

Sep 19, 2020 - Sep 23, 2020



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DAY / THREAT	Sat	Sun	Mon	Tue	Wed
Severe Storms			TX Coast		
Heavy Rain / Flash Flooding		TX/LA coasts	TX/LA coasts	SETX/SW LA	SETX/LA
Fire Weather	NE NM W OK Panhandle				
Tropical Winds / Surge		TX coast	TX coast	TX/LA coasts	TX/LA coasts
Winter Weather					
River Flooding				STX	STX

	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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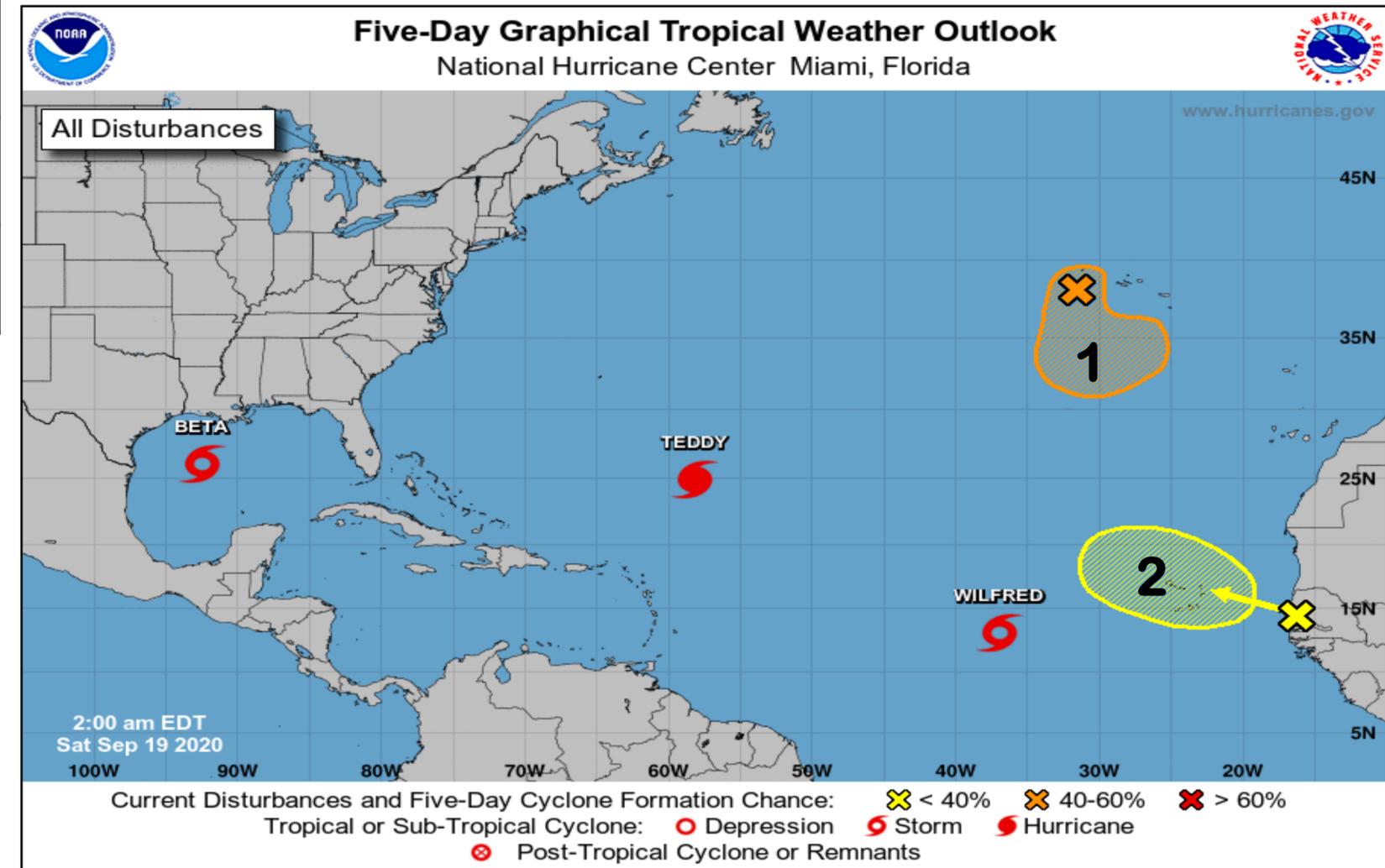
See next slides for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Medium	None.
2	Low	None in the next 5 days.

Active Tropical Cyclones

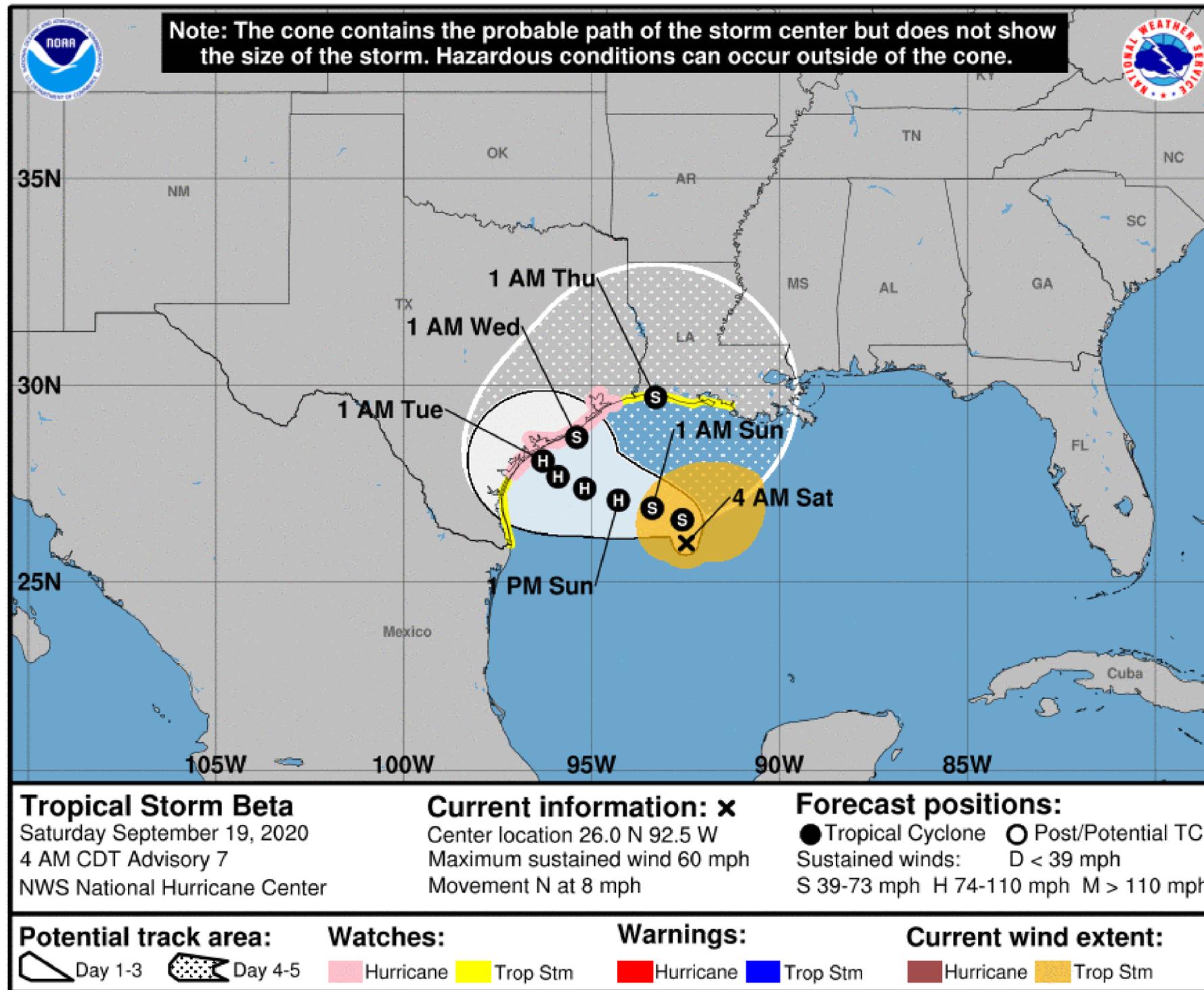
Storm	Potential Impacts to FEMA 6
Teddy	None
Wilfred	None
Alpha	None
Beta	Prolonged period of heavy rain/flash flooding and coastal flooding to the TX/LA coasts.



Tropical Storm Beta



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TS Beta is expected to strengthen into a hurricane, and remain just off the TX coast through Wednesday. Heavy rainfall/flash flooding and prolonged surge are the main impacts for the TX & LA coasts.

5-Day Precipitation Forecast & River Flood Status

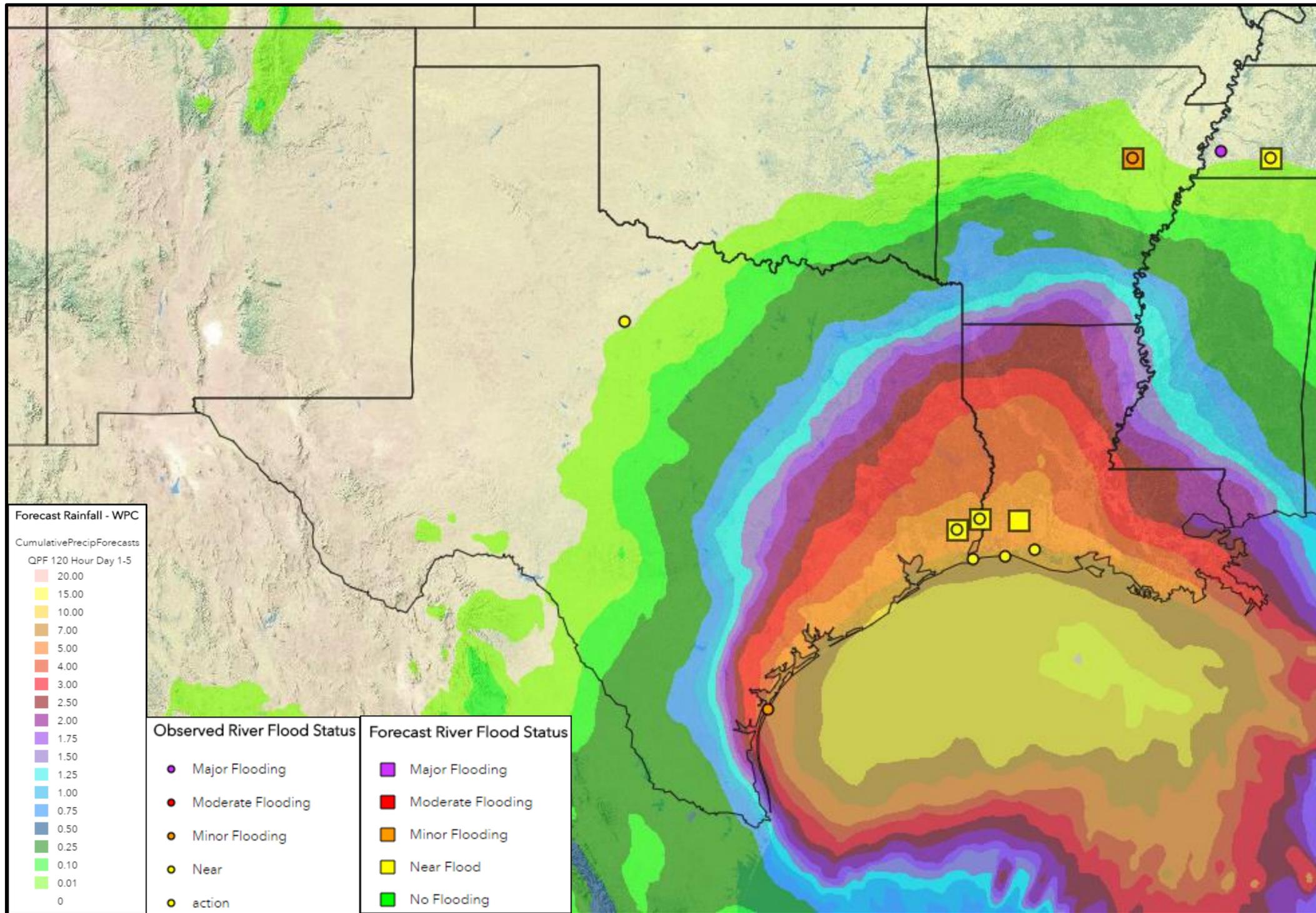


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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

Isolated minor river flooding continues through Friday for the Cache River at Patterson in NE AR. No significant impacts. Flooding to low swampy timberland along the river.

Potential for river flooding along TX/LA coastal basins depending on what happens with TS Beta.



Today's Weather

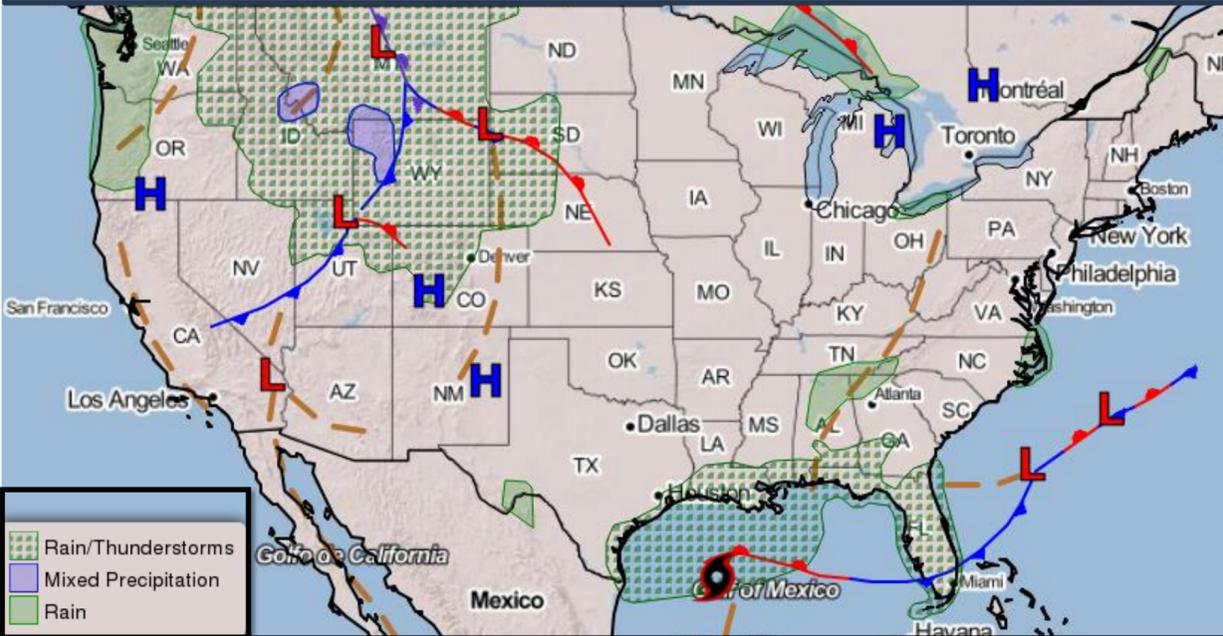


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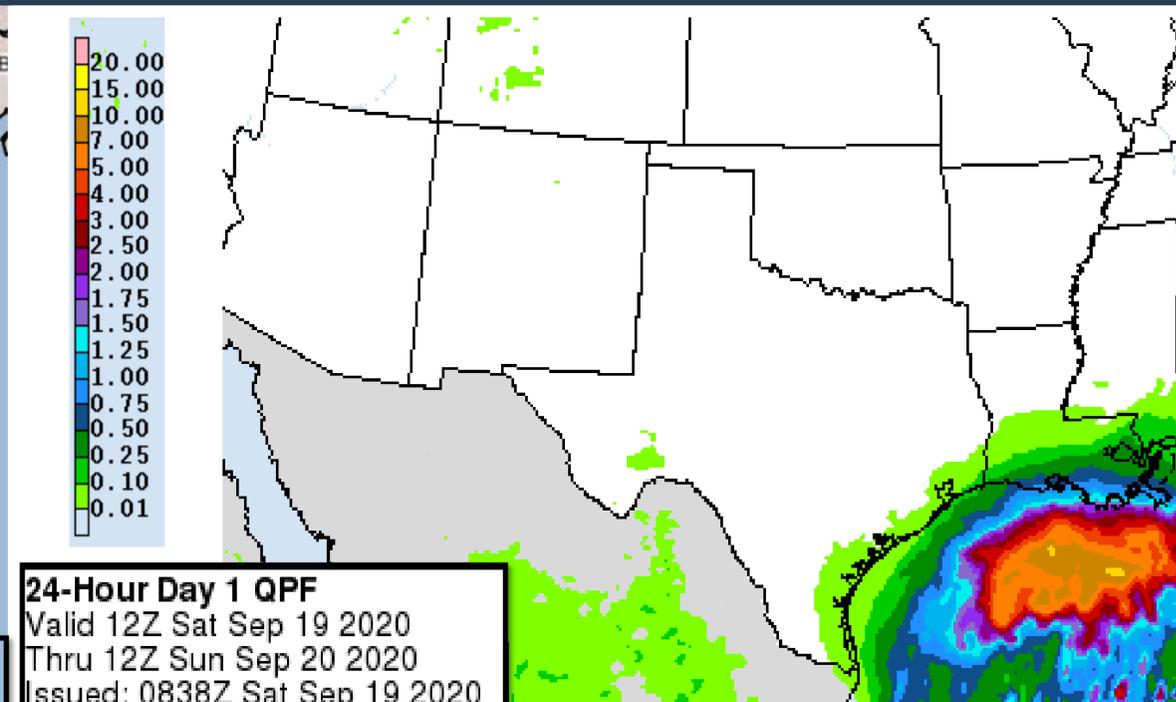
Forecast Chart

Forecast Rainfall

No significant weather expected.

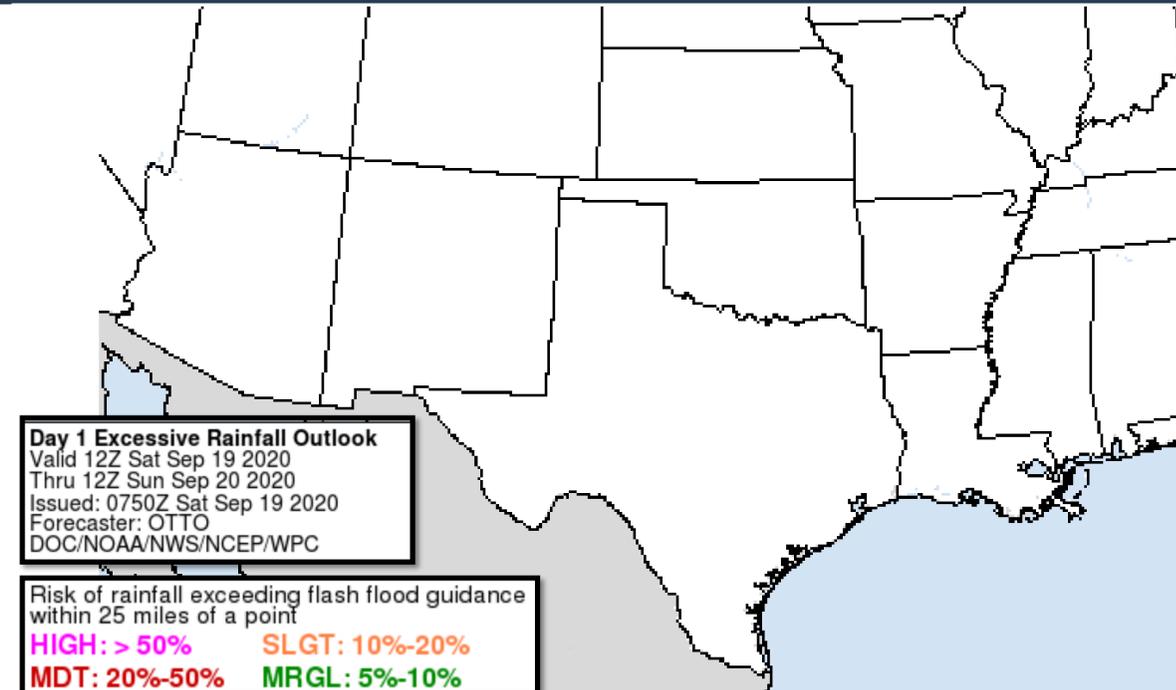


Weather Valid 8am EDT Sat Sep 19 2020 to 8am EDT Sun Sep 20 2020
Fronts Valid 8am EDT Sat Sep 19 2020
Issued 4:59 AM EDT Sat, Sep 19, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Putnam with WPC/SPC/NHC forecasts.



Severe Weather Outlook

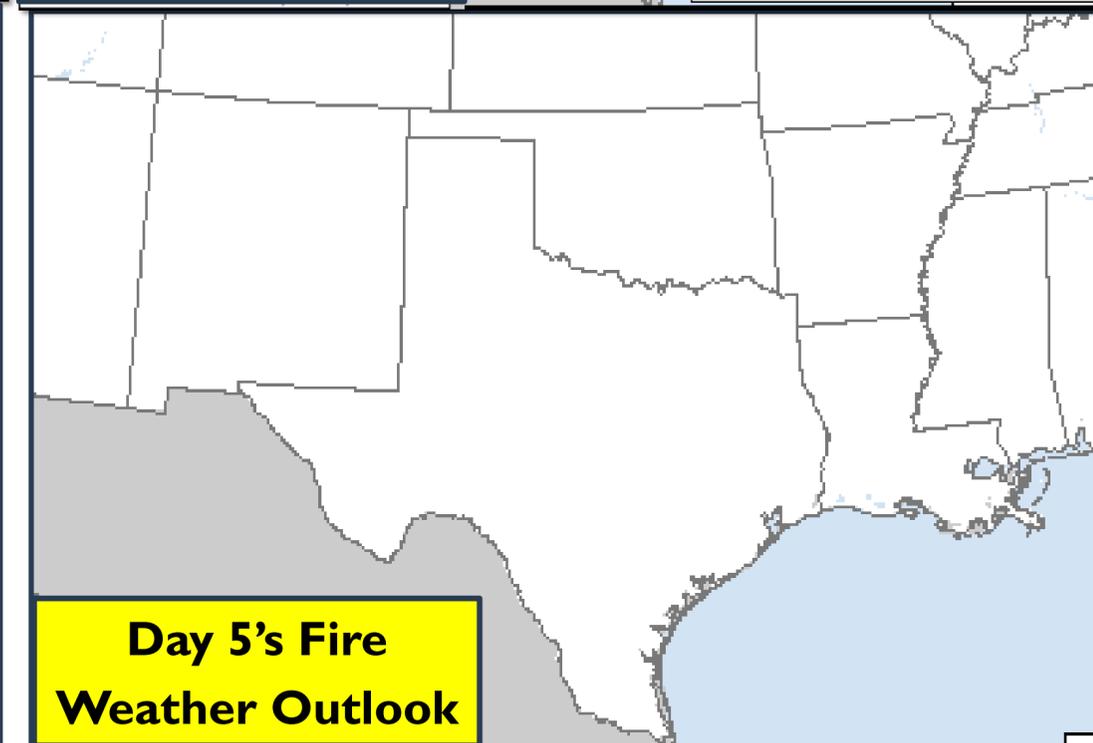
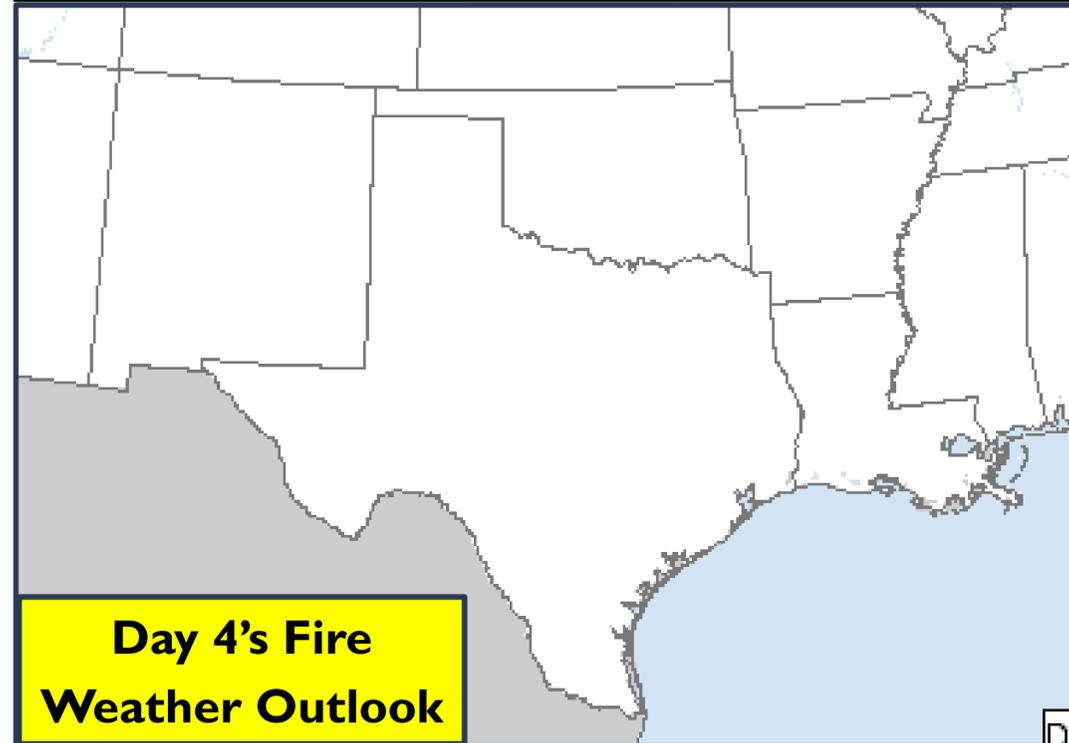
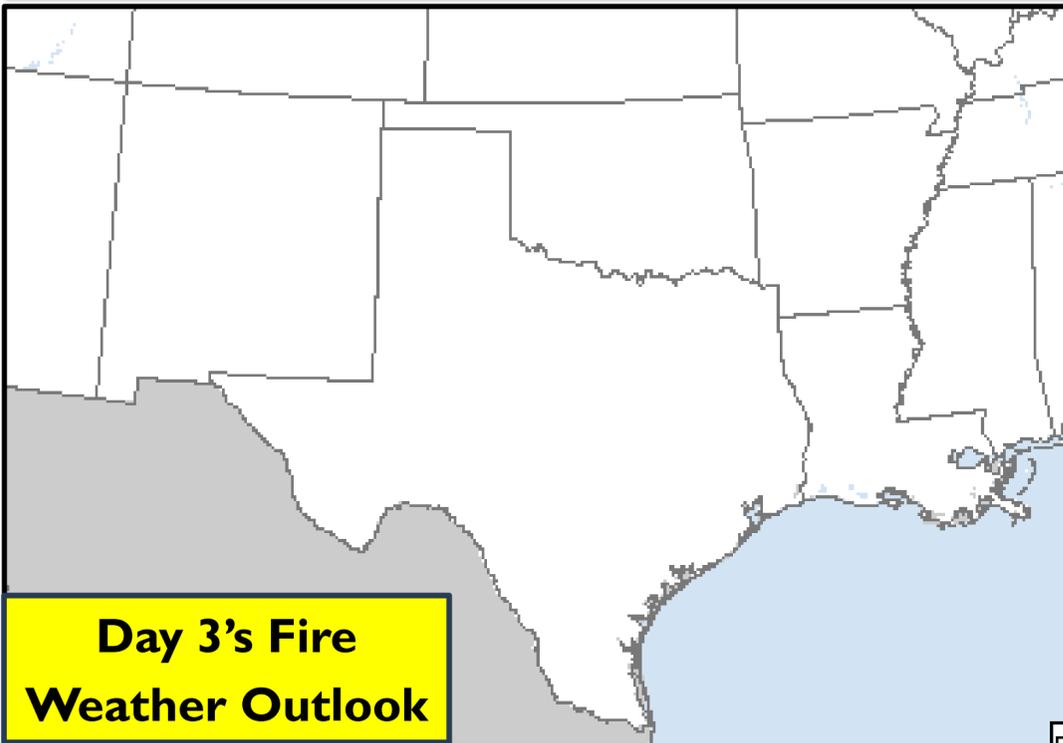
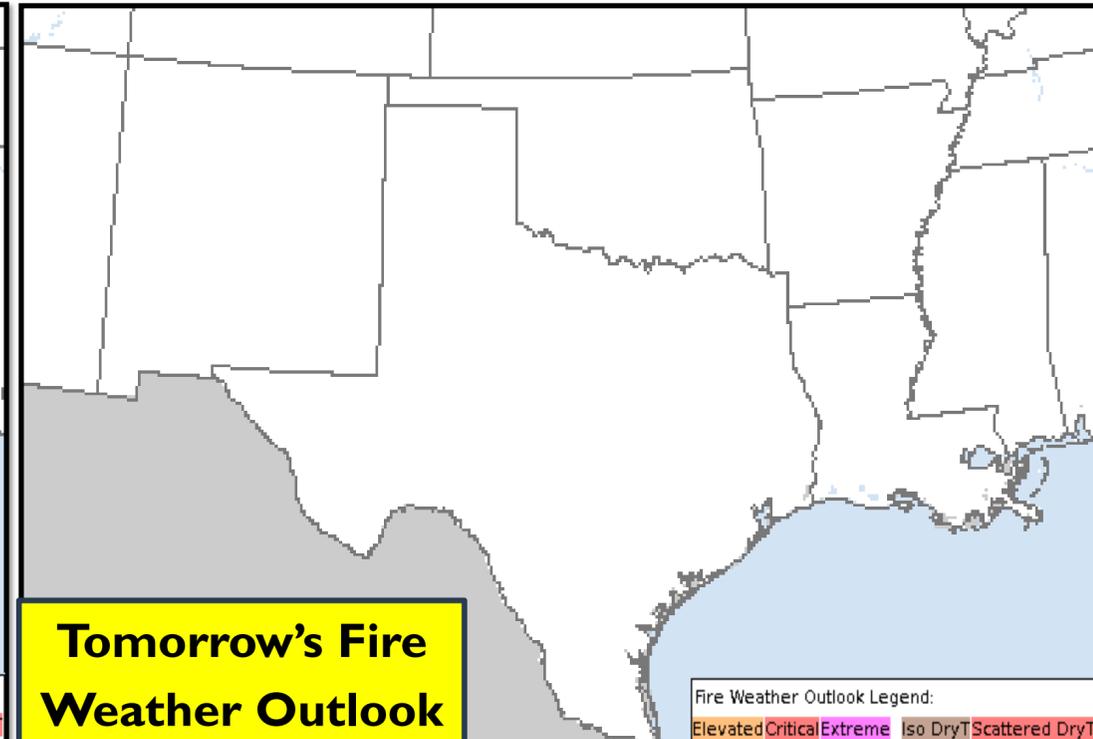
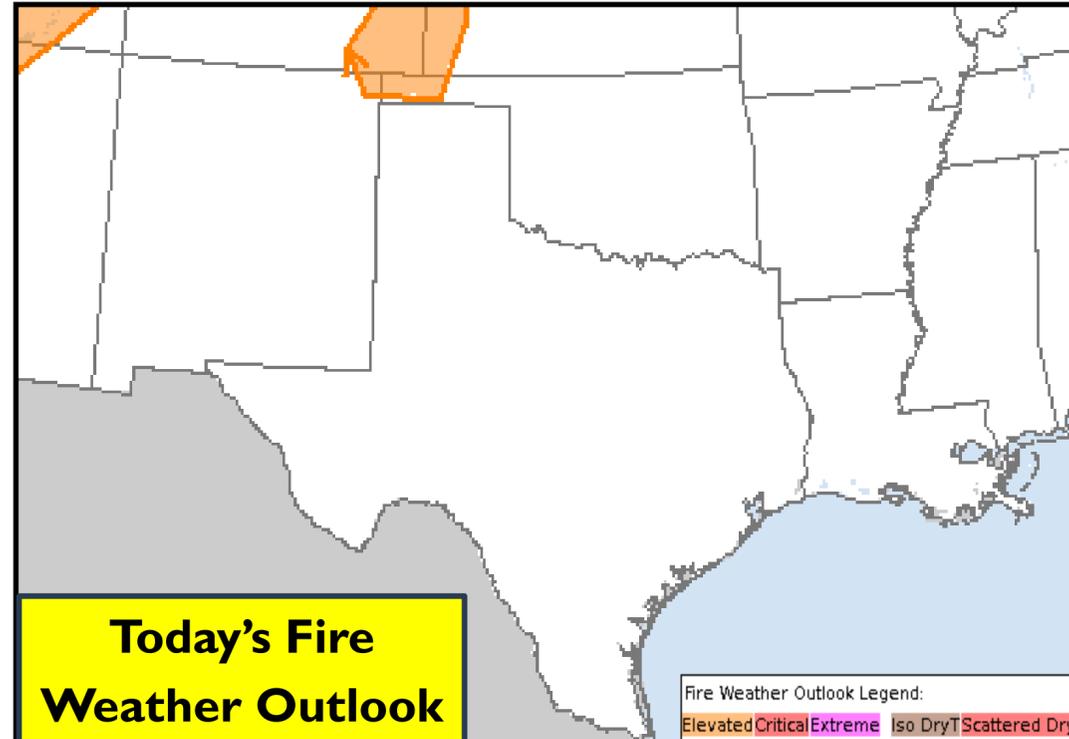
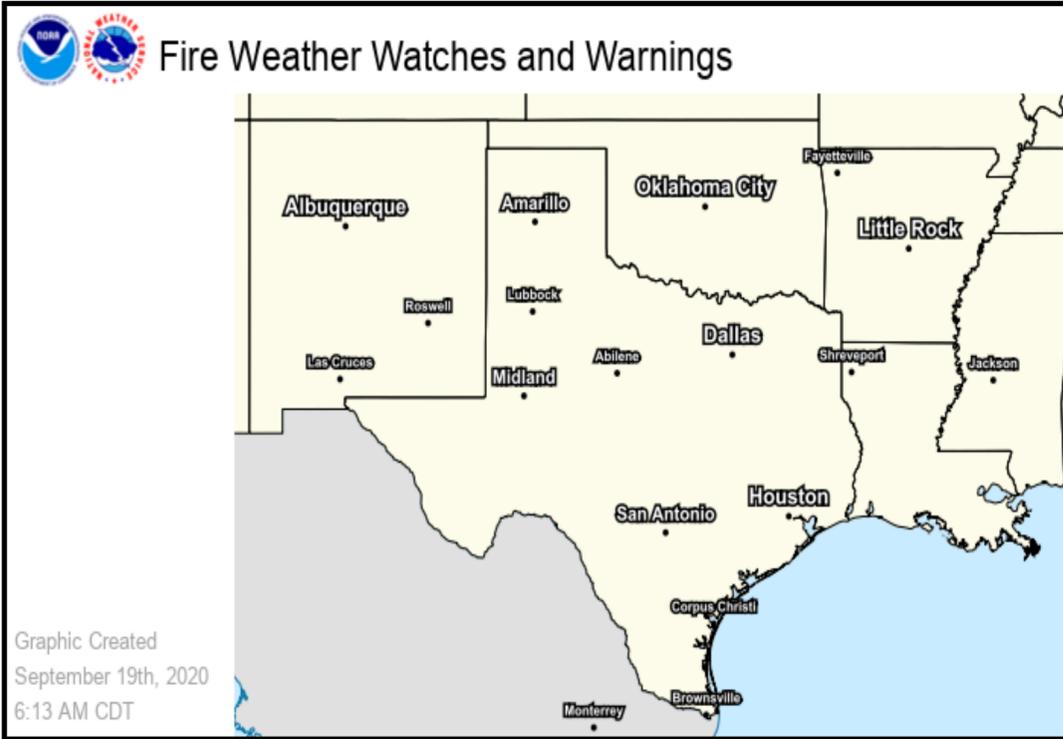
Excessive Rainfall Outlook



Fire Weather Outlooks



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Tomorrow's Weather

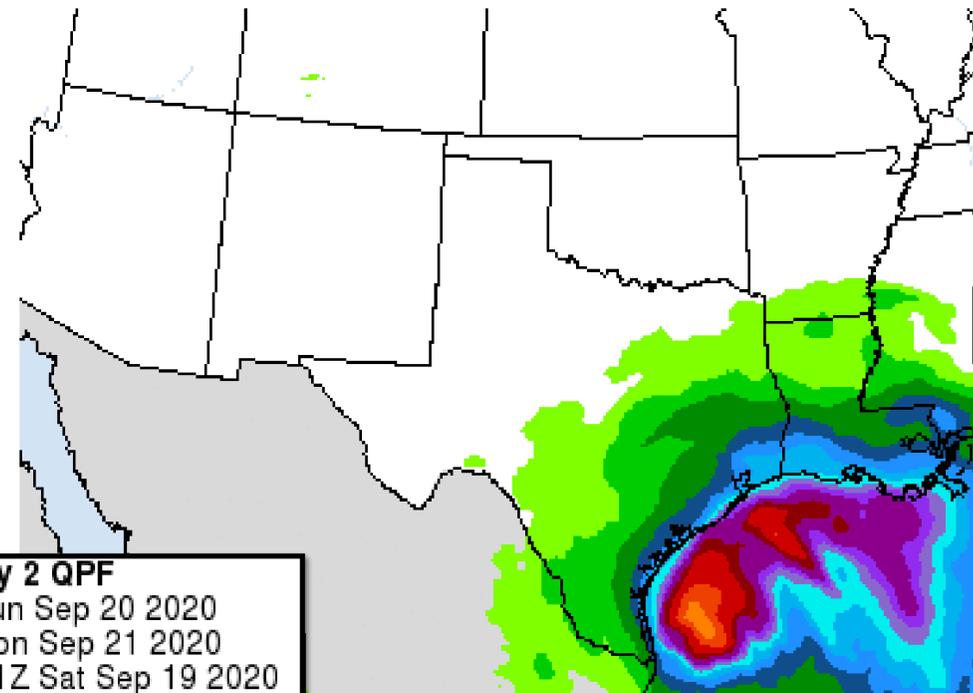
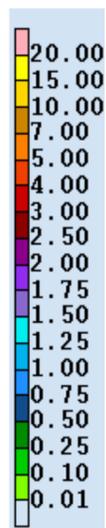
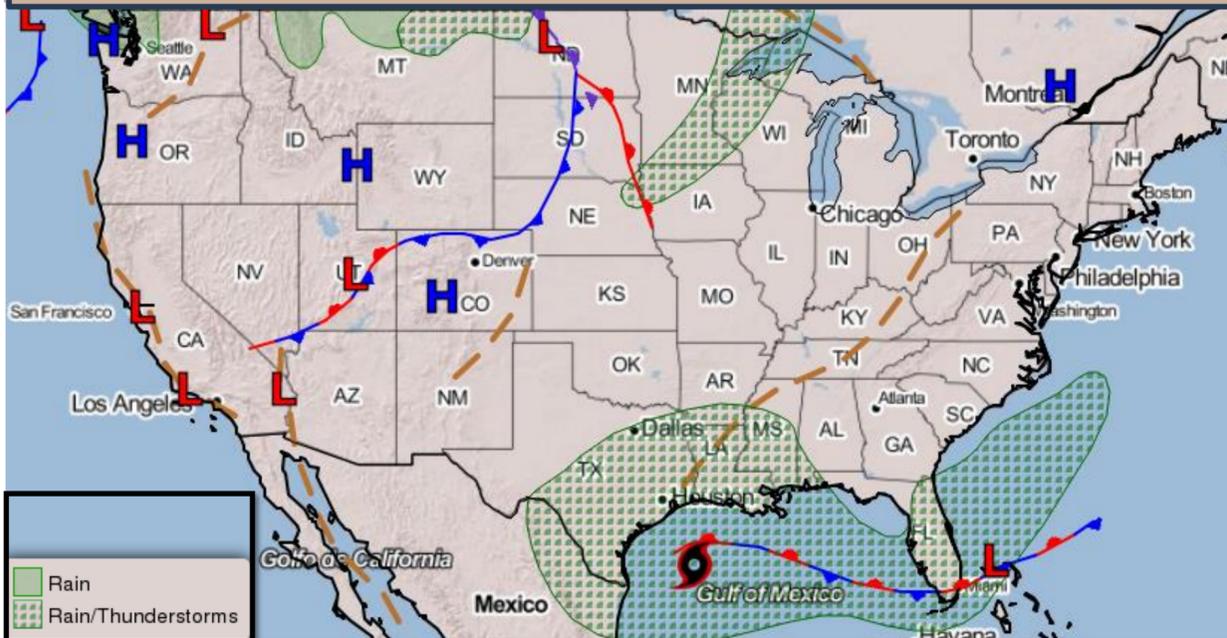


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Forecast Chart

Forecast Rainfall

Heavy rain/flash flooding and coastal flooding along the TX and LA coasts.



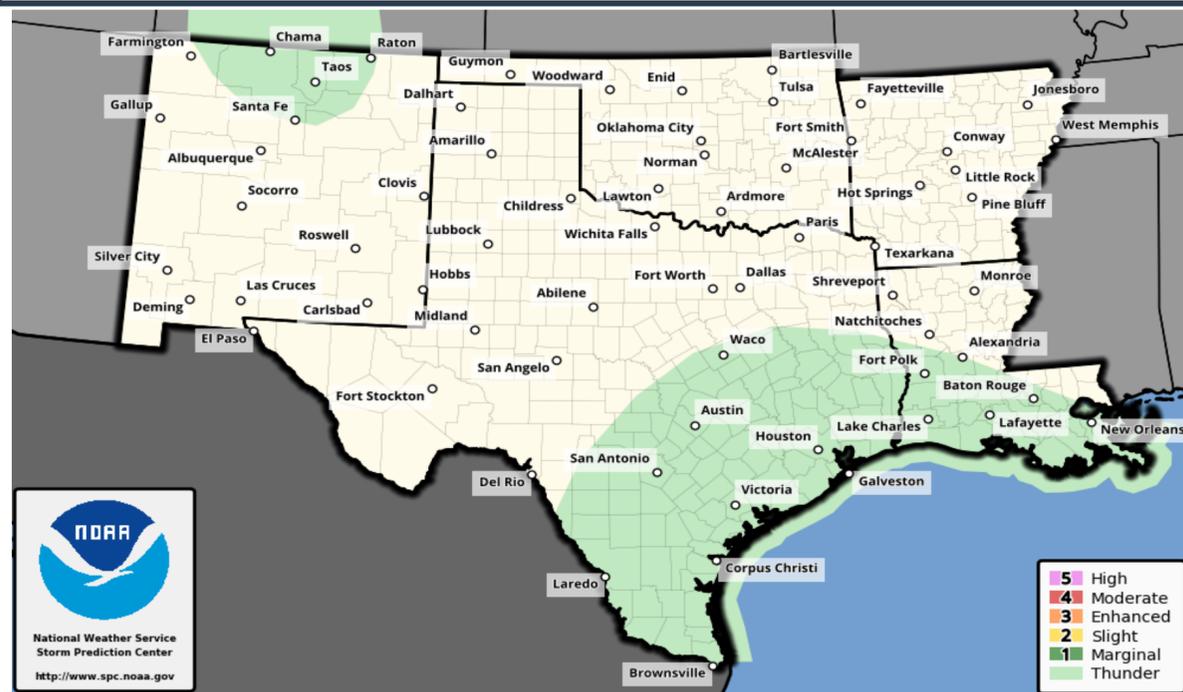
24-Hour Day 2 QPF
 Valid 12Z Sun Sep 20 2020
 Thru 12Z Mon Sep 21 2020
 Issued: 0851Z Sat Sep 19 2020

Weather Valid 8am EDT Sun Sep 20 2020 to 8am EDT Mon Sep 21 2020
 Fronts Valid 8am EDT Sun Sep 20 2020

Issued 5:01 AM EDT Sat, Sep 19, 2020
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Snell with WPC/SPC/NHC forecasts.

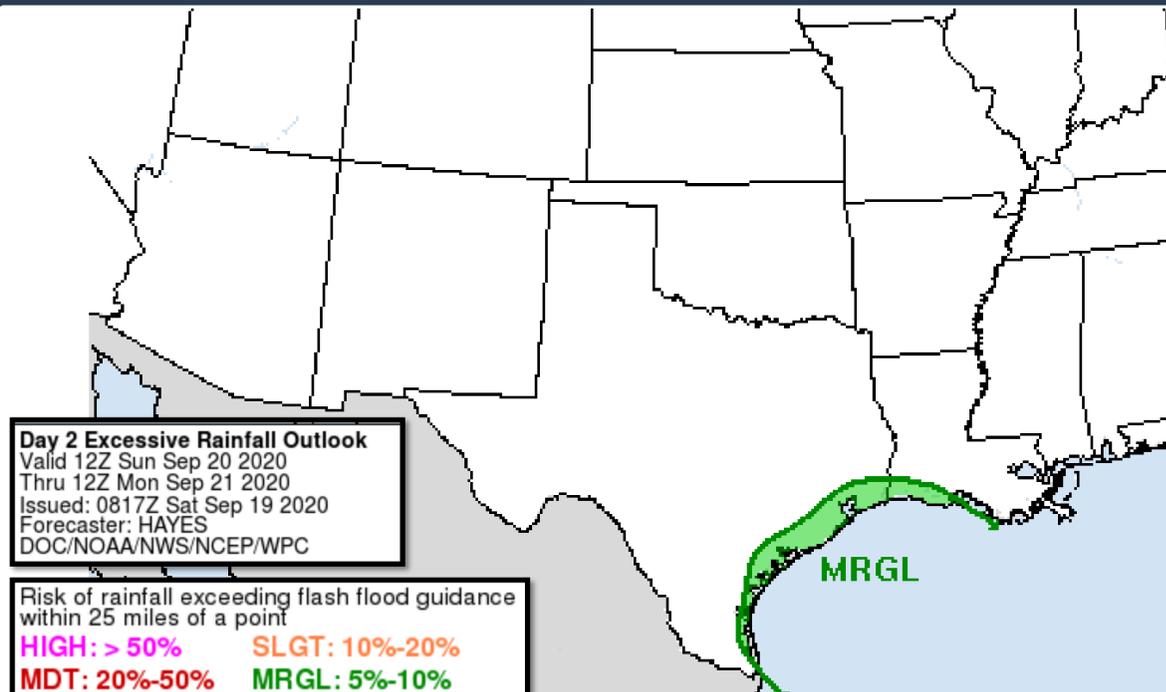
Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
 Valid 12Z Sun Sep 20 2020
 Thru 12Z Mon Sep 21 2020
 Issued: 0817Z Sat Sep 19 2020
 Forecaster: HAYES
 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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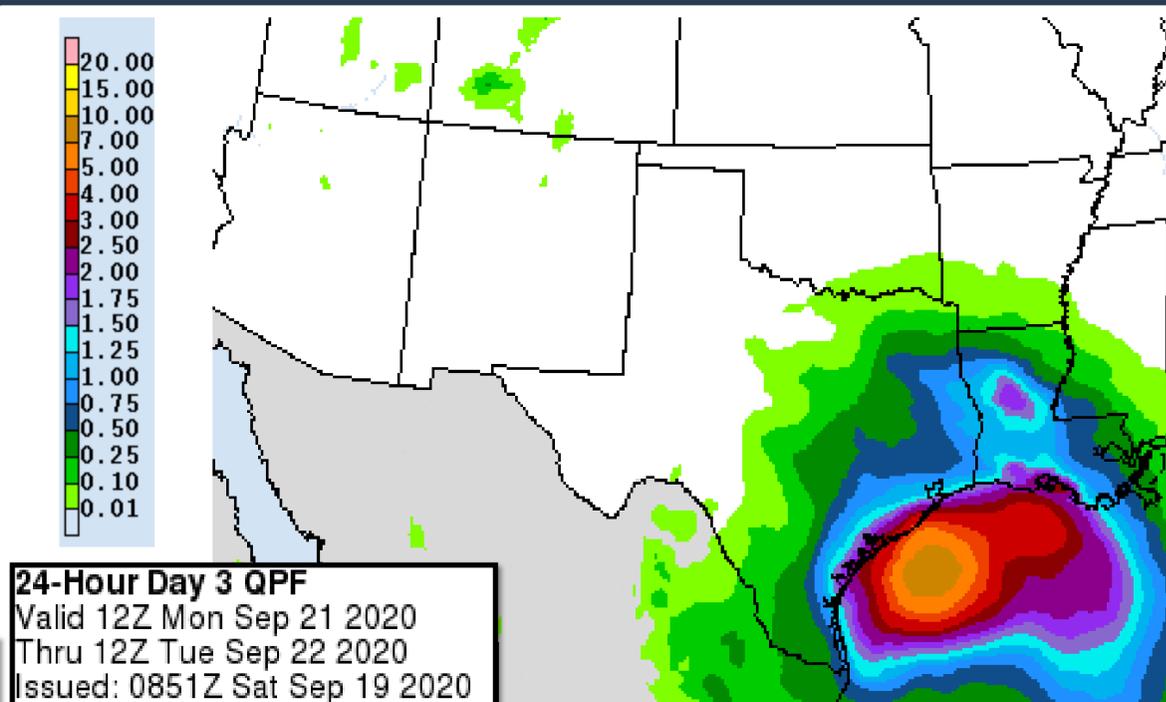
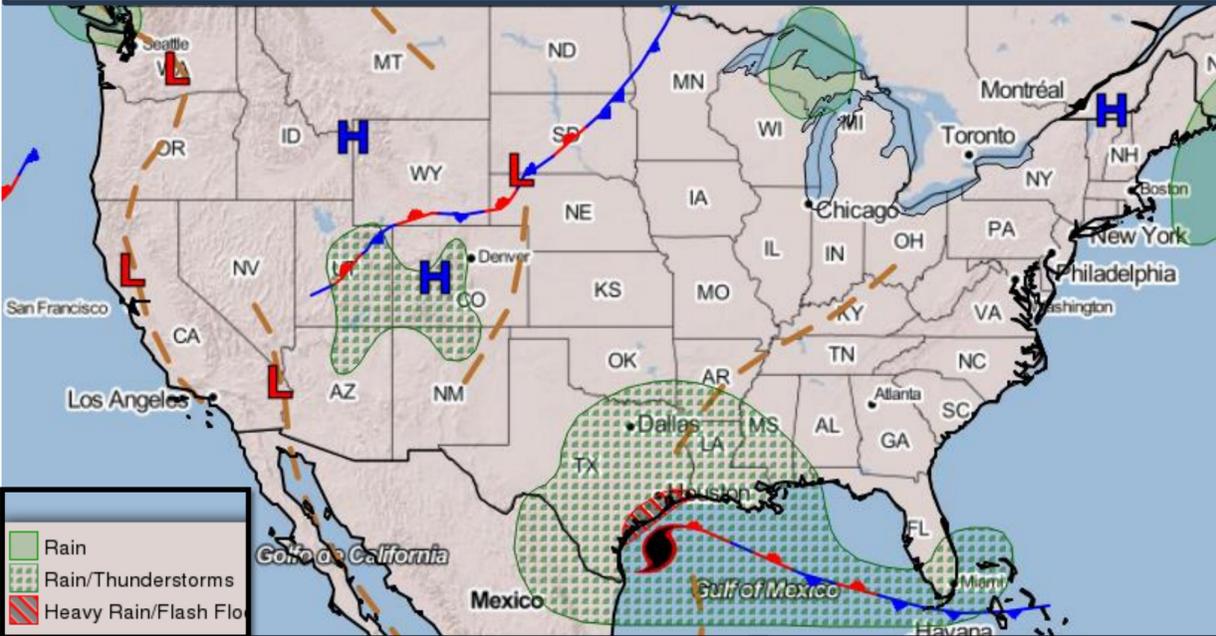
Forecast Chart

Forecast Rainfall

Heavy rainfall/flash flooding along the TX coast from TS Beta.

Storm surge and coastal flooding will continue from TS Beta.

Low threat of a few tornadoes along the TX Coast.

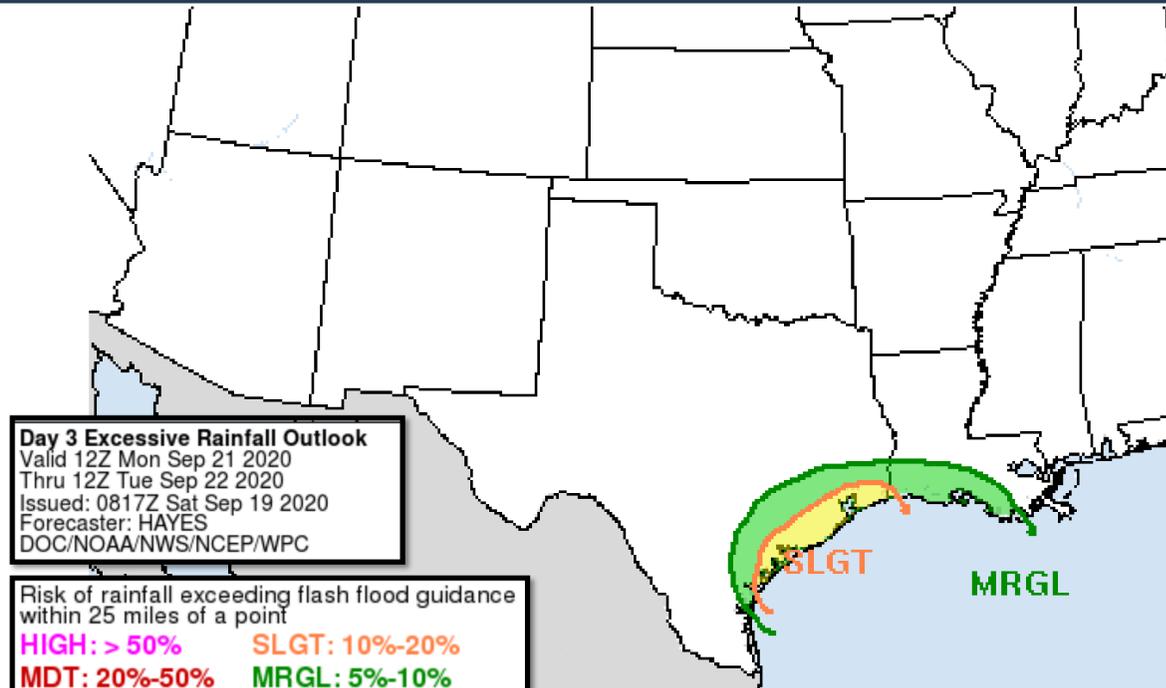
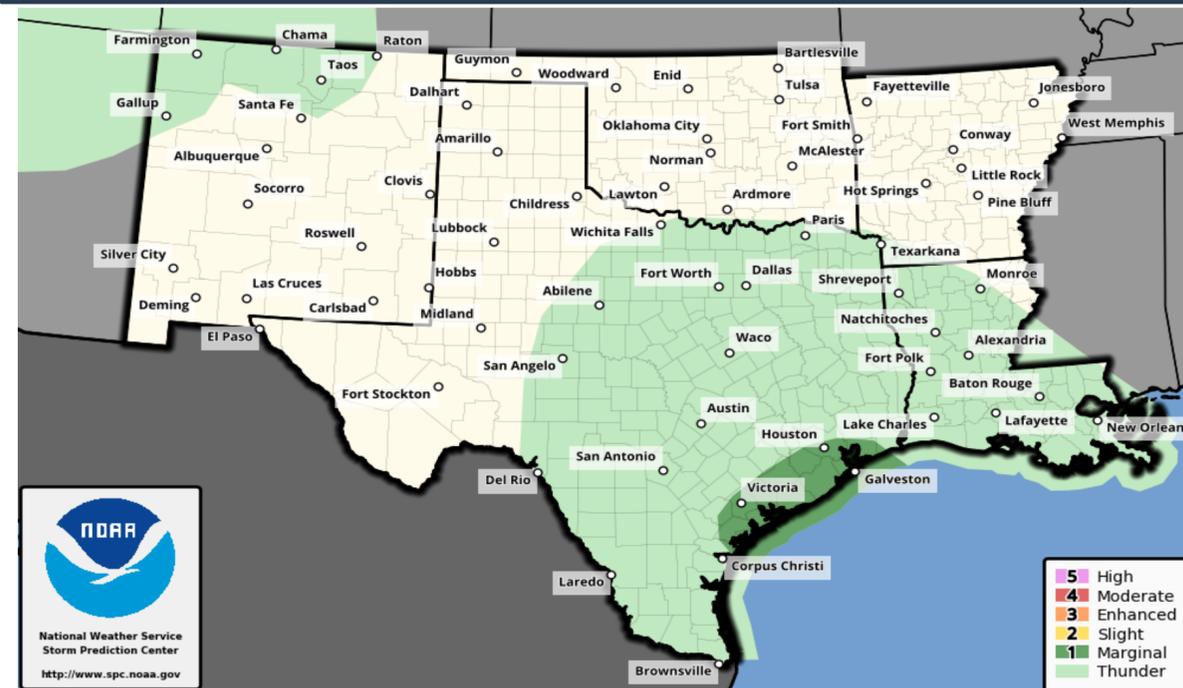


Weather Valid 8am EDT Mon Sep 21 2020 to 8am EDT Tue Sep 22 2020
Fronts Valid 8am EDT Mon Sep 21 2020
Issued 5:03 AM EDT Sat, Sep 19, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Snell with WPC/SPC/NHC forecasts.

24-Hour Day 3 QPF
Valid 12Z Mon Sep 21 2020
Thru 12Z Tue Sep 22 2020
Issued: 0851Z Sat Sep 19 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 3 Excessive Rainfall Outlook
Valid 12Z Mon Sep 21 2020
Thru 12Z Tue Sep 22 2020
Issued: 0817Z Sat Sep 19 2020
Forecaster: HAYES
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%**

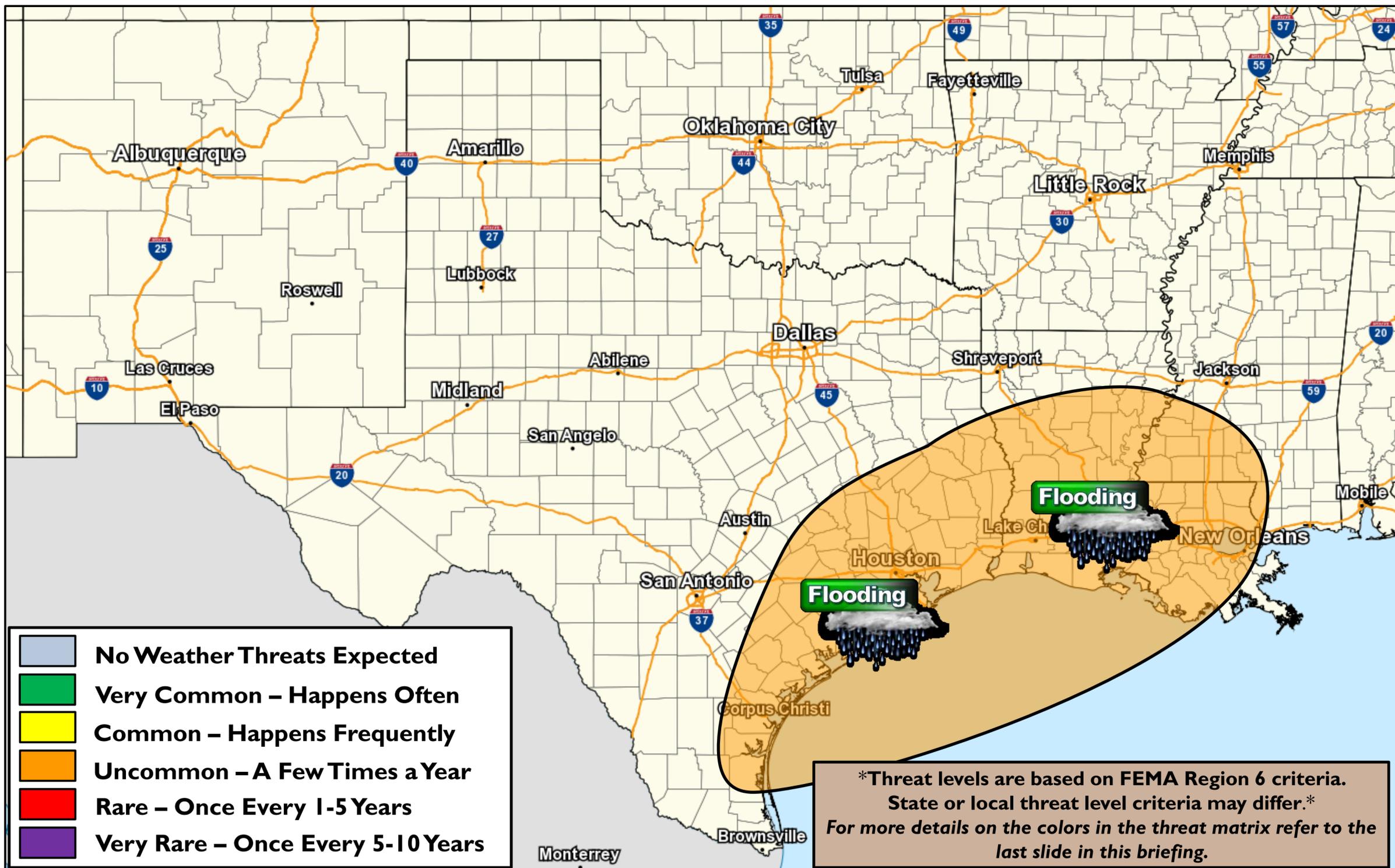
Days 4-5 Weather Hazards

Tuesday - Wednesday



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Heavy rainfall/flash flooding and coastal flooding threats continue for SE TX/LA on Tuesday and Wednesday from TS Beta.

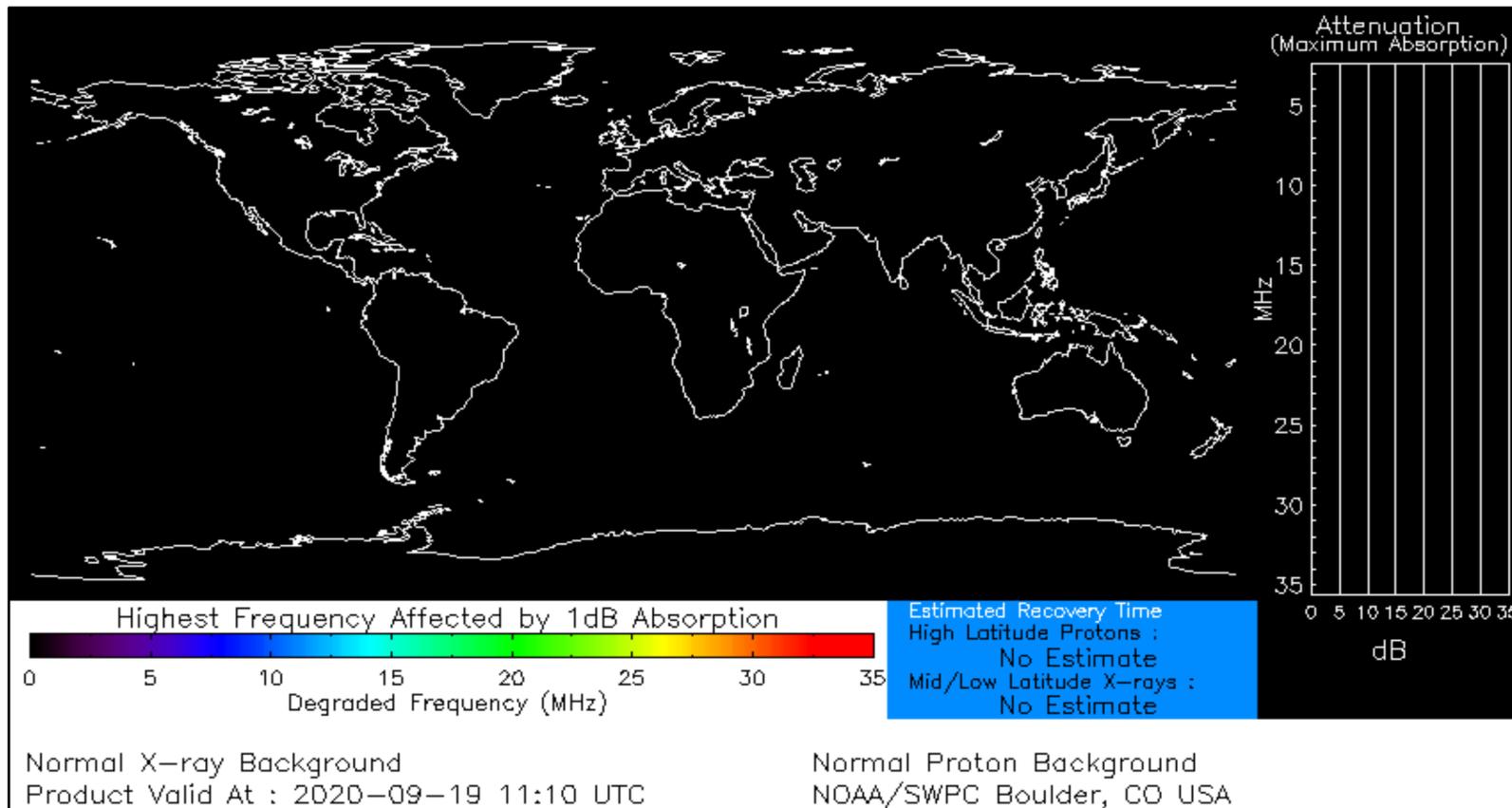


Space Weather 3-Day Forecast



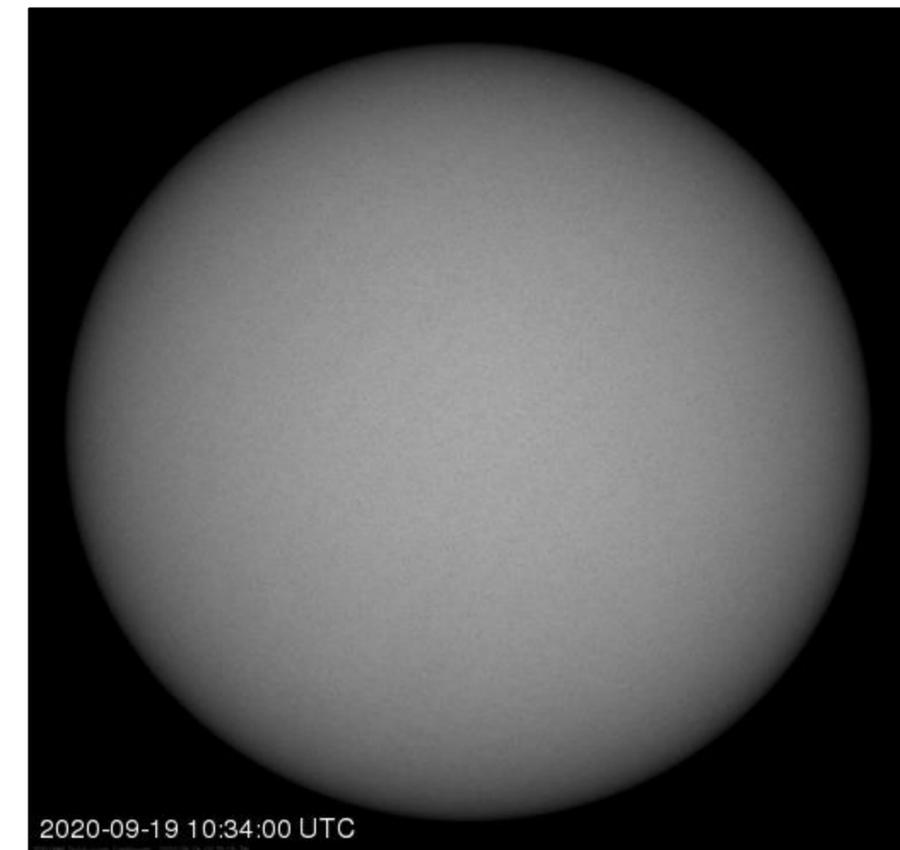
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	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[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.