



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Saturday September 12, 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.



- **No significant impacts today and tomorrow.**
- **TD 19 will move slowly into the eastern Gulf tonight and then intensify to Tropical Storm Sally by tomorrow and move slowly northwestward toward the north-central Gulf coast**
 - **Heavy rain/flash flooding and gusty tropical winds are possible for several days in SE LA beginning Monday.**
 - **Potential for dangerous storm surge for SE LA also ... Storm surge levels will be highly dependent on the eventual track, size, and intensity of the system. There is a high degree of uncertainty in the forecast at this time and storm surge values are expected to change as forecast confidence increases.**
- **Several other tropical areas to keep an eye on:**
 - **Disturbance in the north-central Gulf will track southwestward: Heavy rain/flooding possible in South TX early to mid-next week.**
 - **Paulette and Rene: No impacts to Region 6.**
 - **Long term: two tropical waves will be moving across the Atlantic next week; too early to determine any impacts to Region 6.**

FEMA Region 6 Threat Matrix

Sep 12, 2020 - Sep 16, 2020



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DAY / THREAT	Sat	Sun	Mon	Tue	Wed
Severe Storms					
Heavy Rain / Flash Flooding			SE LA, STX	SE LA STX	SE LA
Fire Weather					
Tropical Winds / Surge				SE LA	SE LA
Winter Weather					
River Flooding	OK, NE AR	NE AR	NE AR	SE LA, STX NE AR	SE LA, STX NE 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.

Tropical Weather Outlook – Atlantic/Gulf



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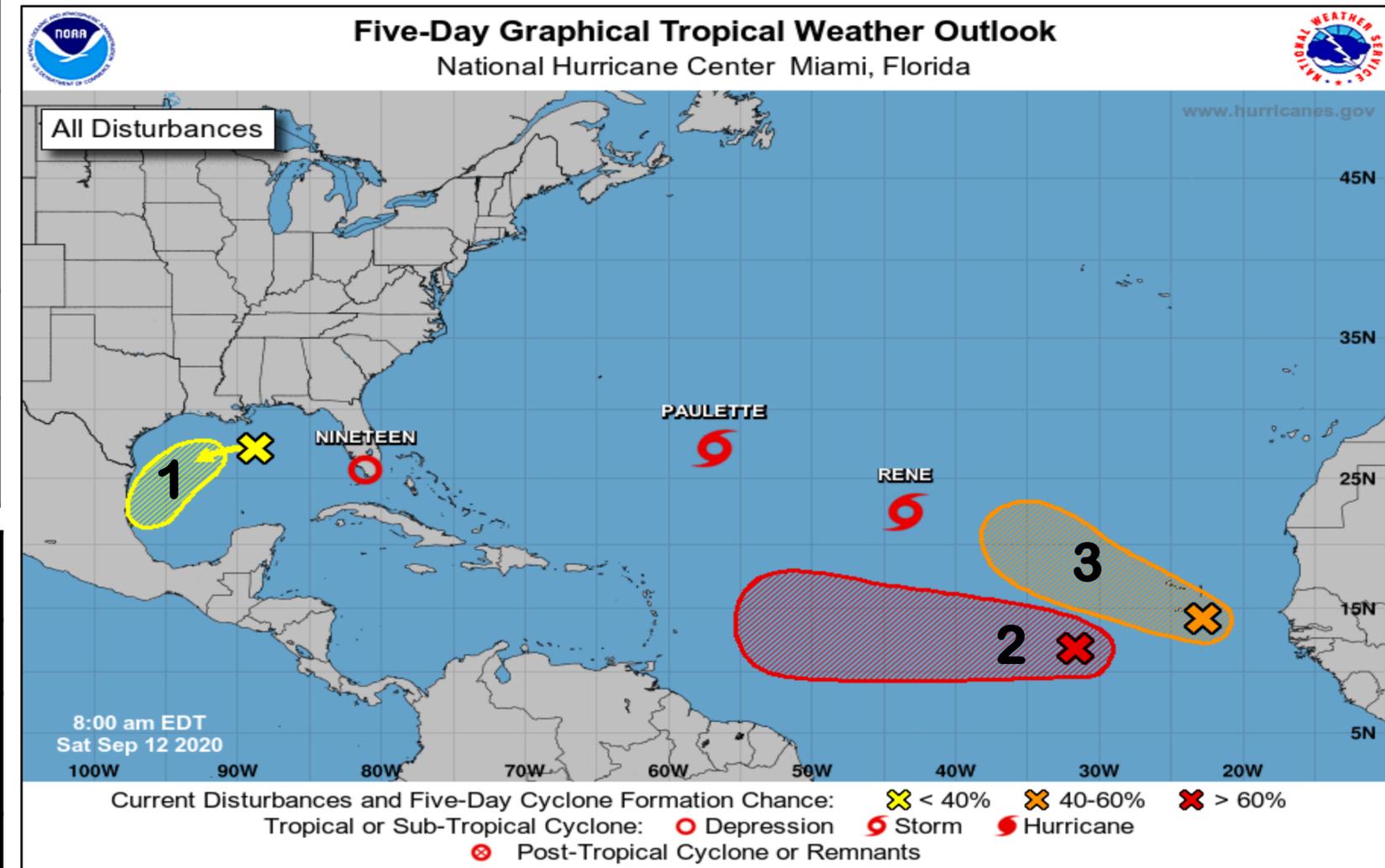
See next slides for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	Heavy rain/flooding possible in South TX early to mid-next week.
2	High	None in the next 5 days.
3	Medium	None in the next 5 days.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Paulette	None.
Rene	None.
TD19	Heavy rain/flash flooding and gusty tropical winds are possible for several days in SE LA beginning Monday.





Key Messages for Tropical Depression Nineteen

Advisory 3: 5:00 AM EDT Sat Sep 12, 2020



1. Tropical Depression Nineteen is expected to produce isolated to scattered flash flooding across portions of west-central and southern Florida and prolong existing minor river flooding across Central Florida through Sunday. Scattered flash flooding is also possible across portions of the central Gulf Coast Sunday through Tuesday morning.

2. Tropical storm conditions are possible by Sunday night in portions of the Florida Panhandle, where a Tropical Storm Watch has been issued. Wind gusts to tropical-storm force could occur over portions of the southern Florida Peninsula today.

3. The system is forecast to strengthen to near hurricane intensity by early next week as it moves across the northeastern Gulf of Mexico. Dangerous impacts from storm surge, wind, and heavy rainfall will be possible along the Gulf Coast from the Florida Panhandle to southeastern Louisiana late this weekend and early next week. Residents in these areas should monitor the progress of this system and updates to the forecast, as Storm Surge, Tropical Storm or Hurricane watches could be issued later today.

For more information go to hurricanes.gov



Flood Hazard Outlook (Prototype)

Includes General Flash and River Flood Hazards



Issued: 11:30 UTC September 12, 2020 - Valid through 11:30 UTC September 19, 2020

Flood Hazard Messages

Associated with TD19

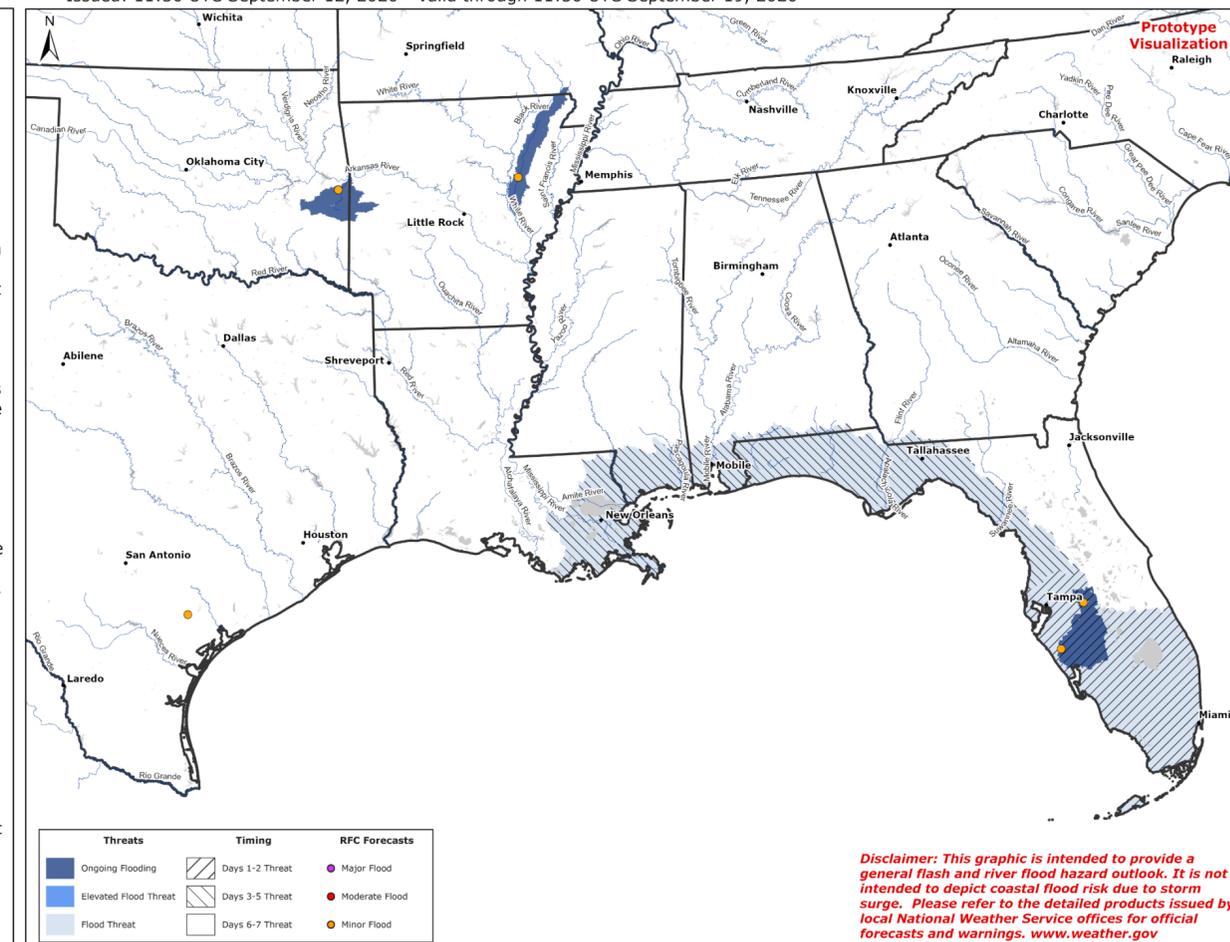
- Tropical Depression 19 is forecast to produce total rainfall amounts of 2 to 4 inches with isolated maximum amounts of 6 inches across south central and southwestern Florida including the Florida Keys. This rainfall could produce flash and urban flooding.

- Rivers across central Florida and the Tampa vicinity continue to run high due to 4 to 8 inches of above normal rainfall over the past two weeks. Additional rainfall could bring renewed rises and minor flooding to area rivers beginning this weekend.

- Although the northwest coast of Florida has received above normal precipitation over the past two weeks, streamflows are generally running at normal levels, and soil conditions are relatively dry. Nonetheless, isolated flash and urban flooding are possible beginning late in the weekend.

- As Tropical Depression 19 moves across the Gulf of Mexico it is expected to impact the western Florida Panhandle, coastal Alabama, Mississippi and southeast Louisiana late this weekend into early next week with 2 to 4 inches with isolated maximum amounts of 6 inches. Flash, urban and rapid onset flooding along small streams and rivers is possible.

- A separate area of tropical moisture is forecast to move towards the Texas coast into next week, potentially bringing heavy rainfall and isolated flash flooding to the immediate coastline. As of now, the heaviest rain is expected to remain off the coast.

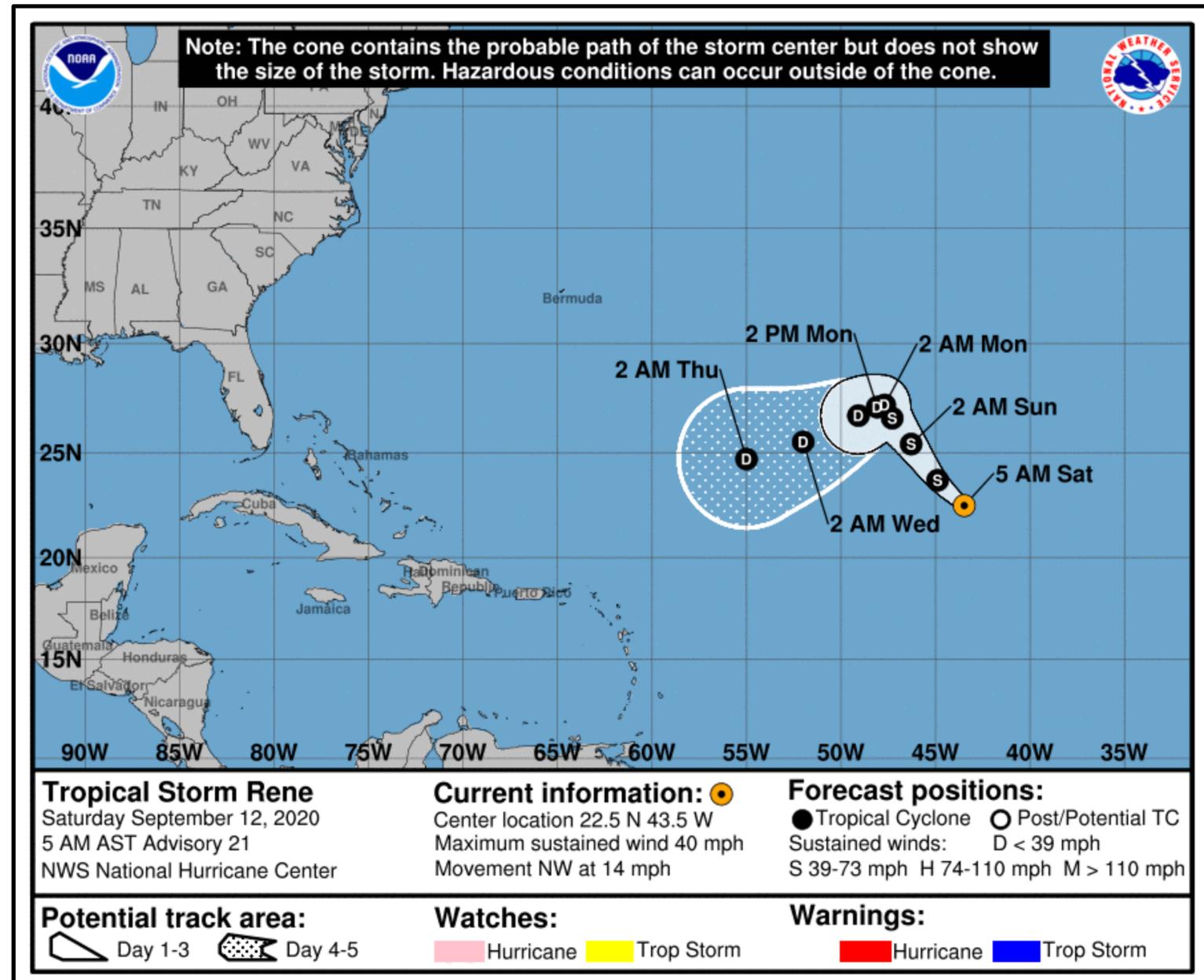
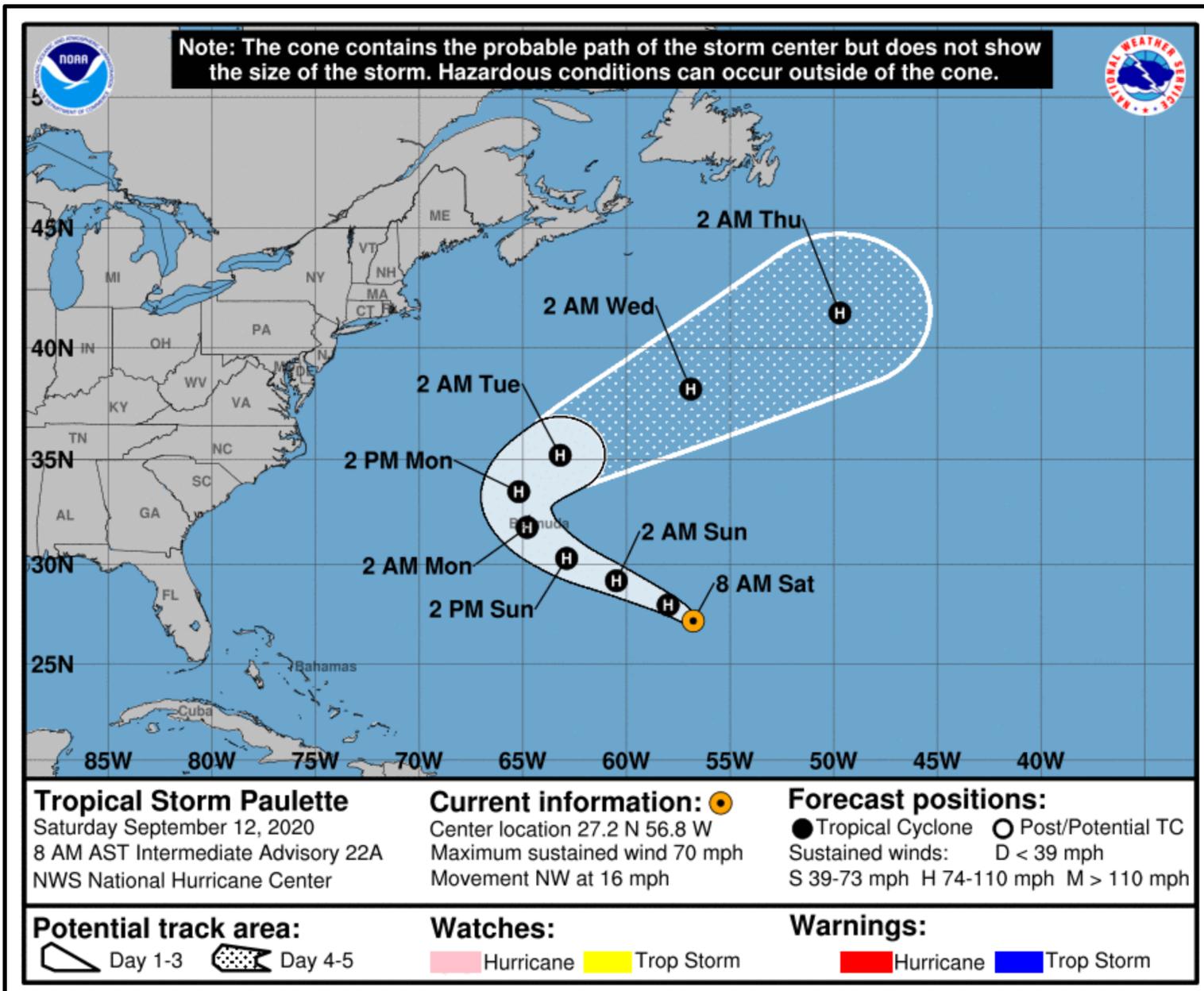


Paulette and Rene



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No Impacts from Paulette or Rene.

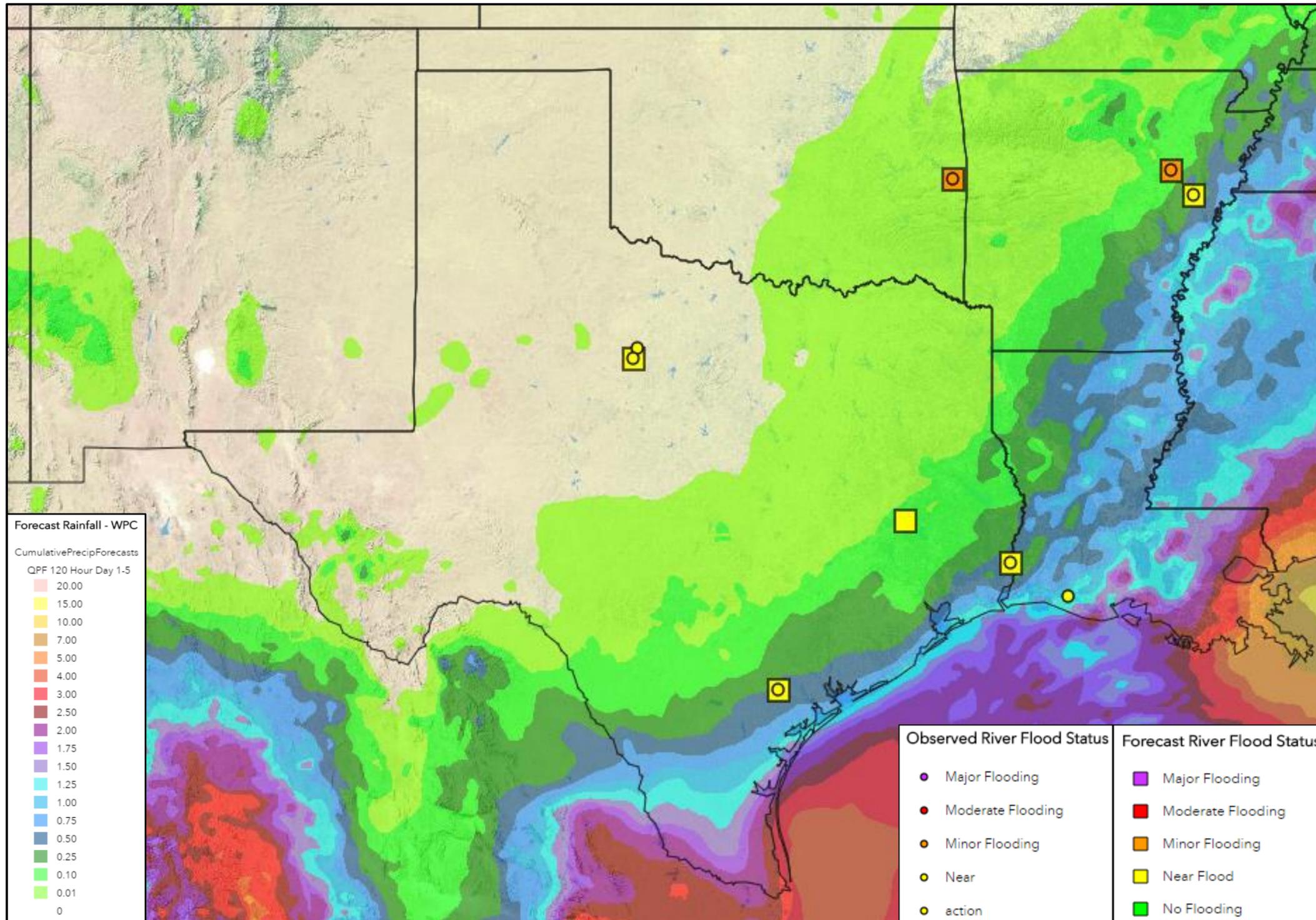


5-Day Precipitation Forecast & River Flood Status



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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 in OK and AR.

No significant impacts observed.

New river flooding is possible next week over SE LA due to rainfall from TDI9/Sally.

New river flooding is also possible on the Rio Grande River in TX early to mid-next week due to forecast rainfall.

Today's Weather

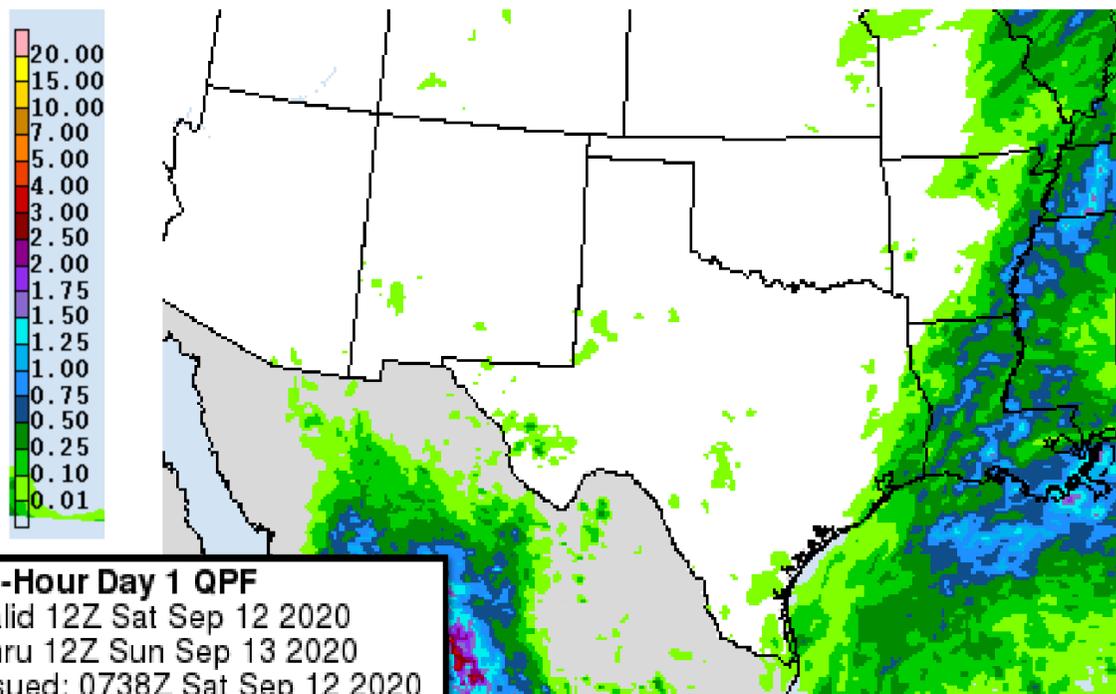
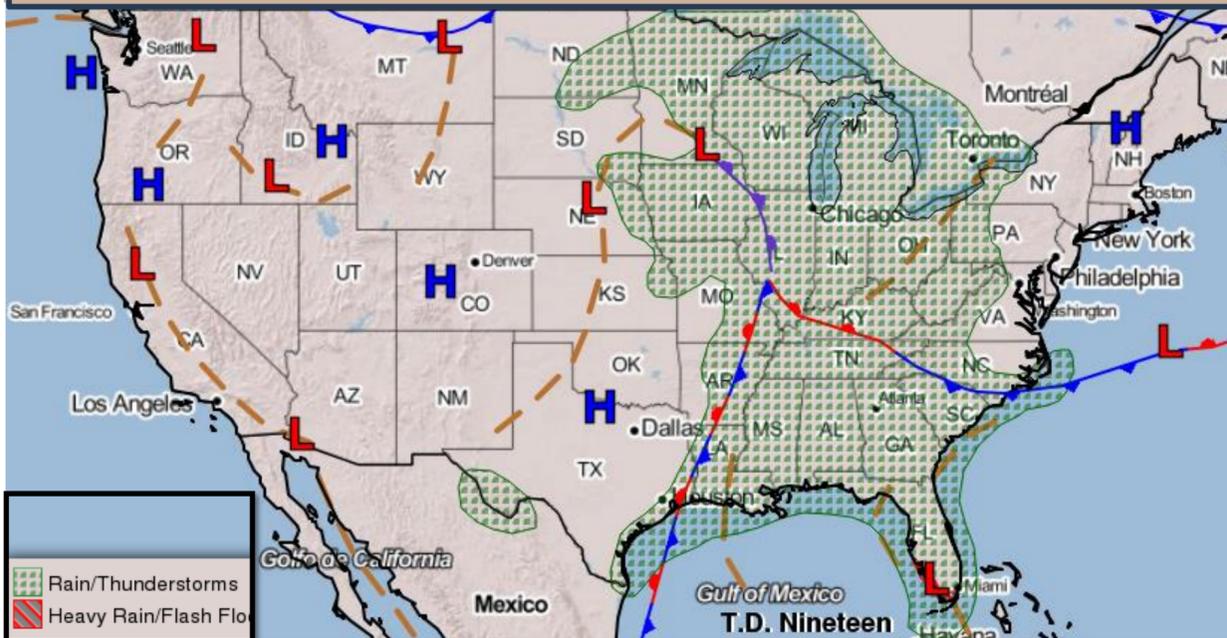


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Forecast Chart

Forecast Rainfall

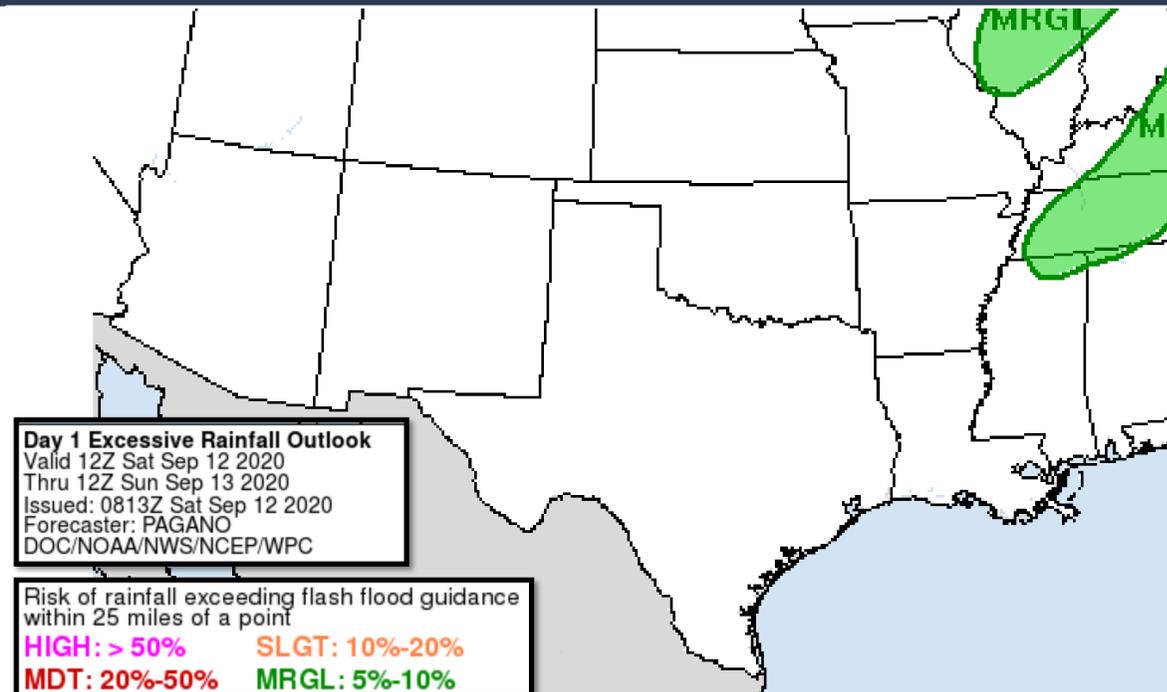
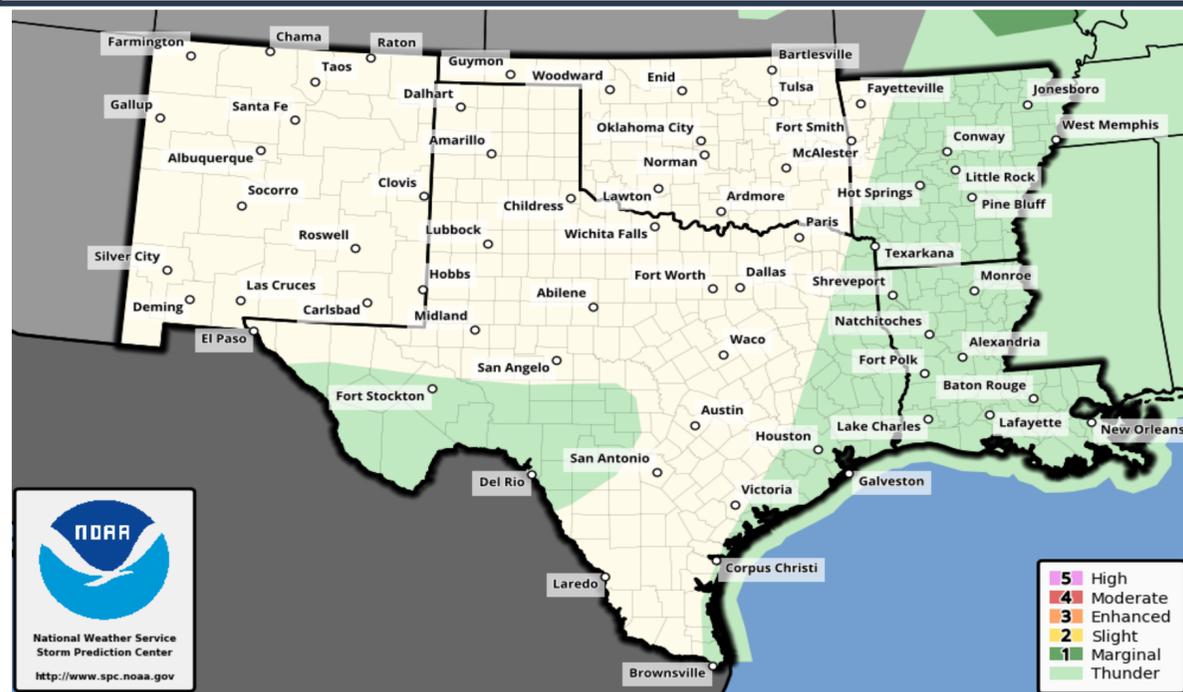
No significant weather expected.



Weather Valid 8am EDT Sat Sep 12 2020 to 8am EDT Sun Sep 13 2020
Fronts Valid 8am EDT Sat Sep 12 2020
Issued 4:59 AM EDT Sat, Sep 12, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

Severe Weather Outlook

Excessive Rainfall Outlook



Tomorrow's Weather

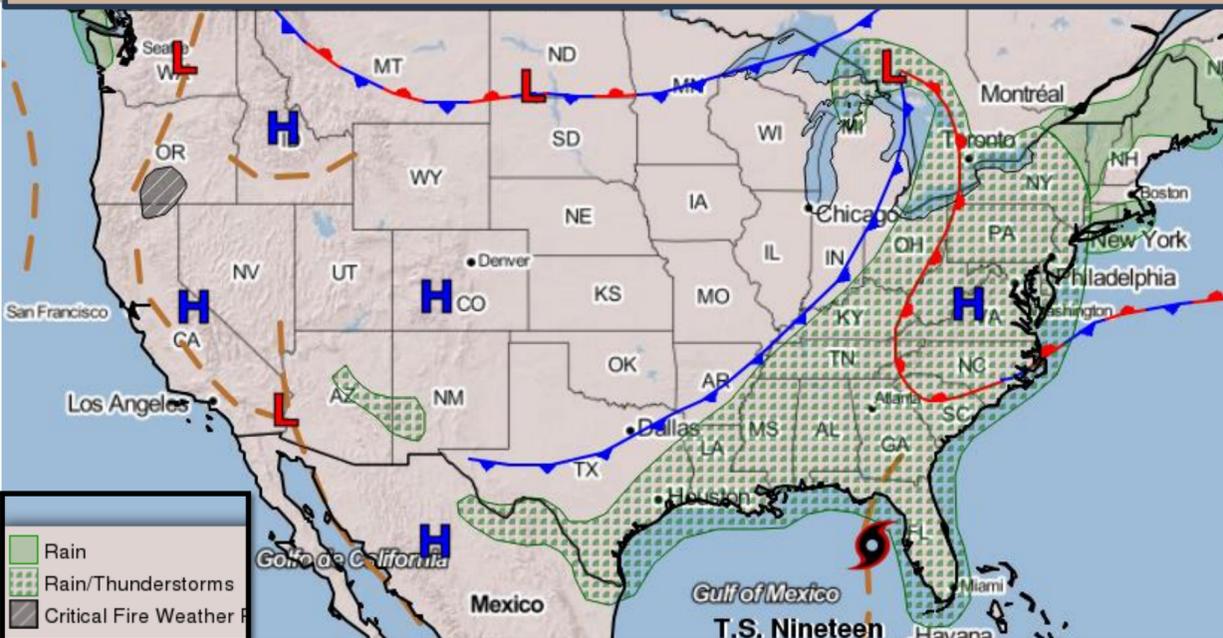


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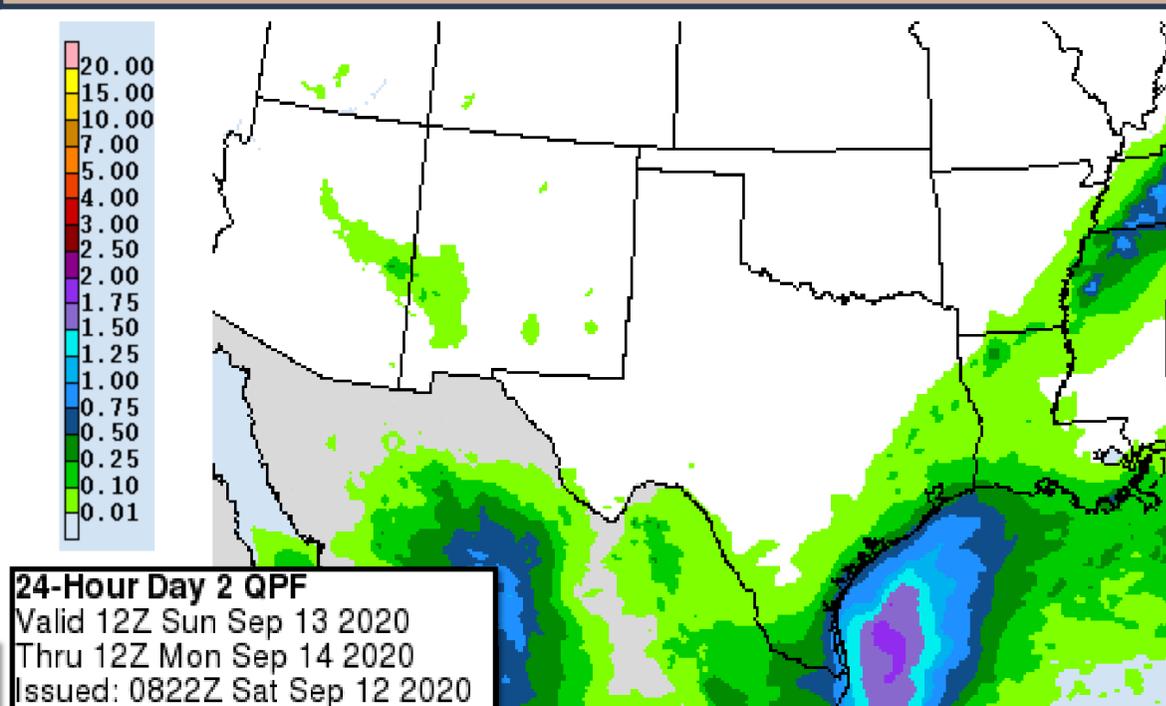
Forecast Chart

Forecast Rainfall

No significant weather expected.

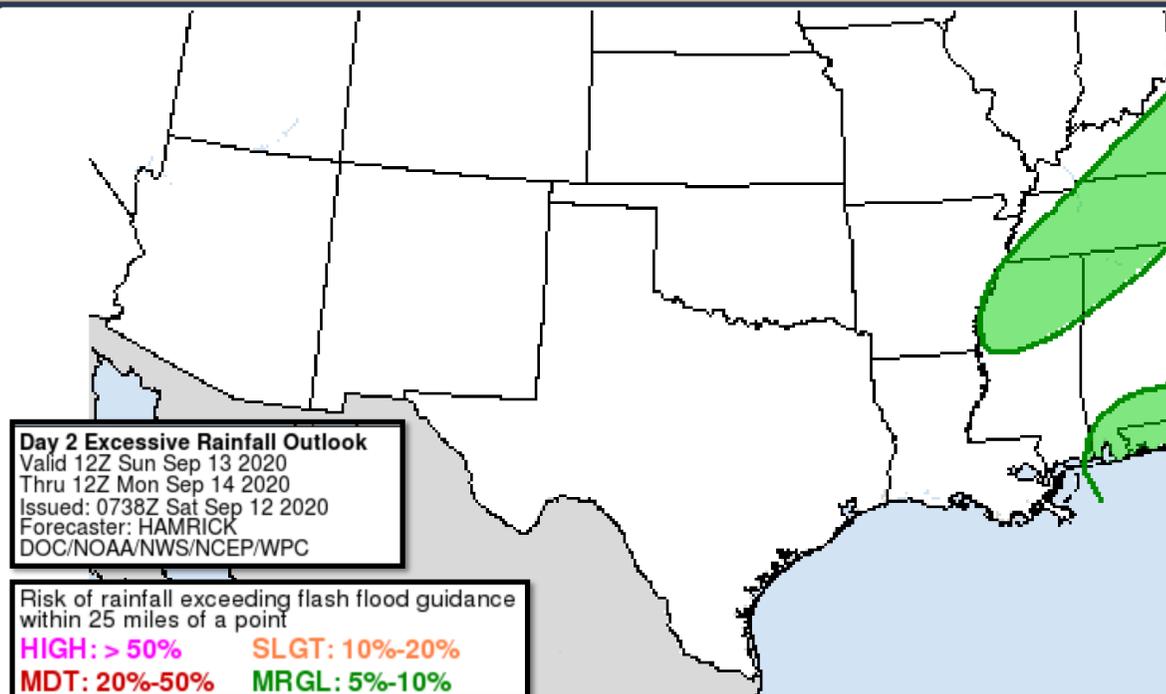


Weather Valid 8am EDT Sun Sep 13 2020 to 8am EDT Mon Sep 14 2020
Fronts Valid 8am EDT Sun Sep 13 2020
Issued 5:01 AM EDT Sat, Sep 12, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.



Severe Weather Outlook

Excessive Rainfall Outlook



Monday's Weather

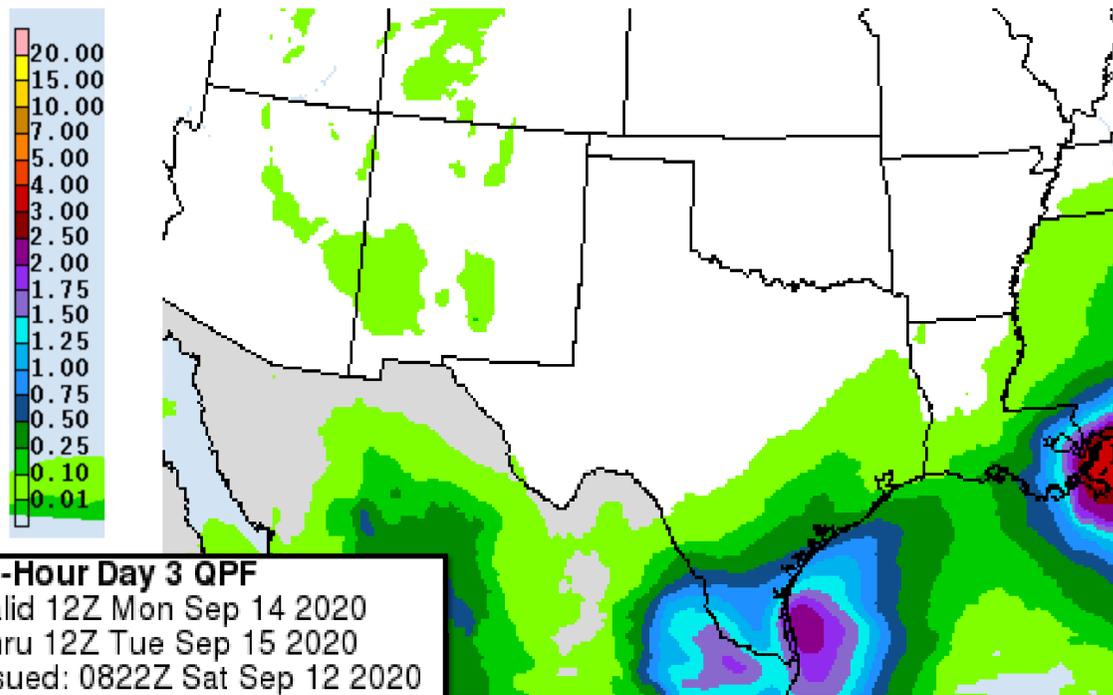
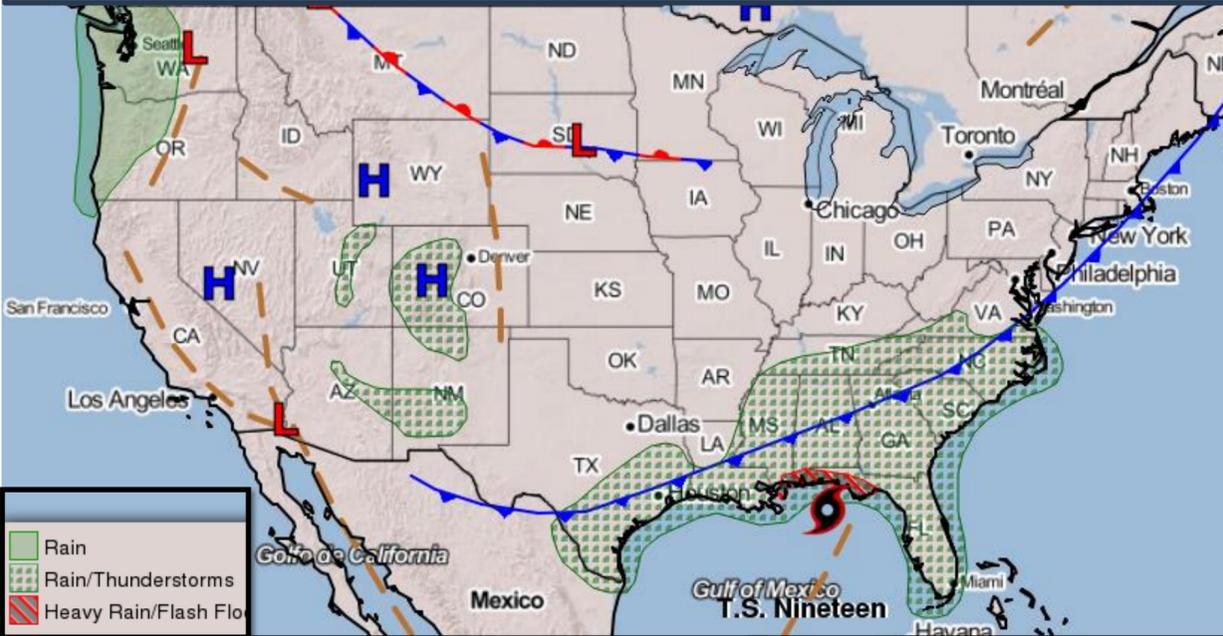


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Forecast Chart

Forecast Rainfall

Heavy rain/flash flooding for SE LA and STX.

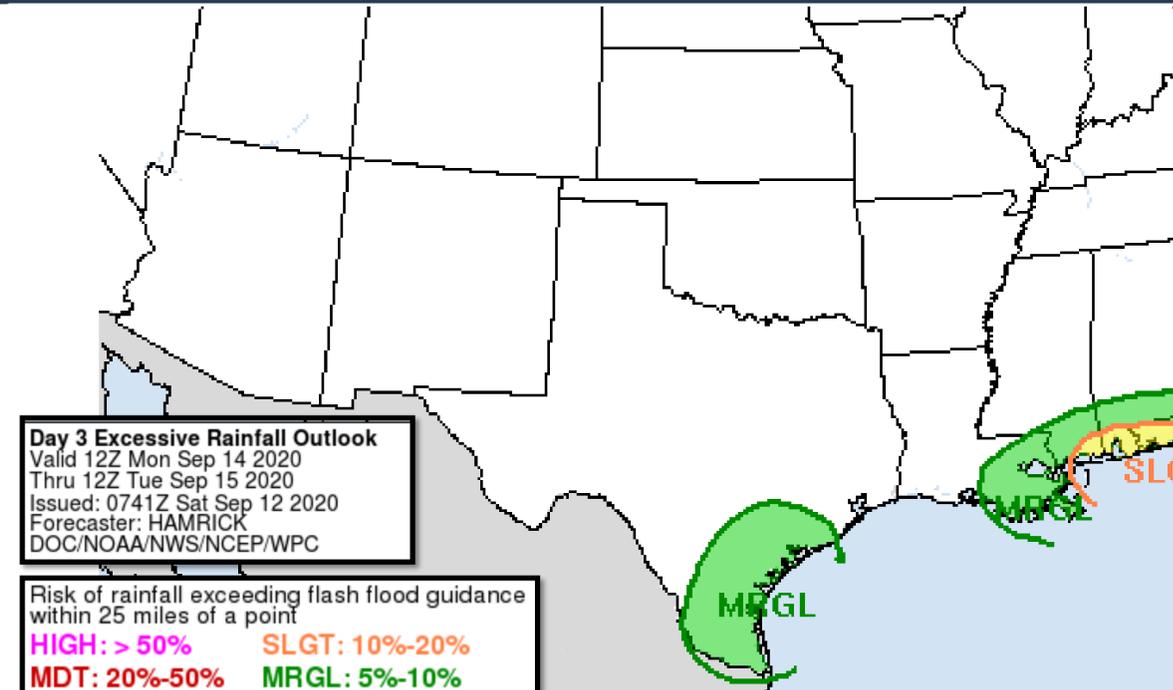
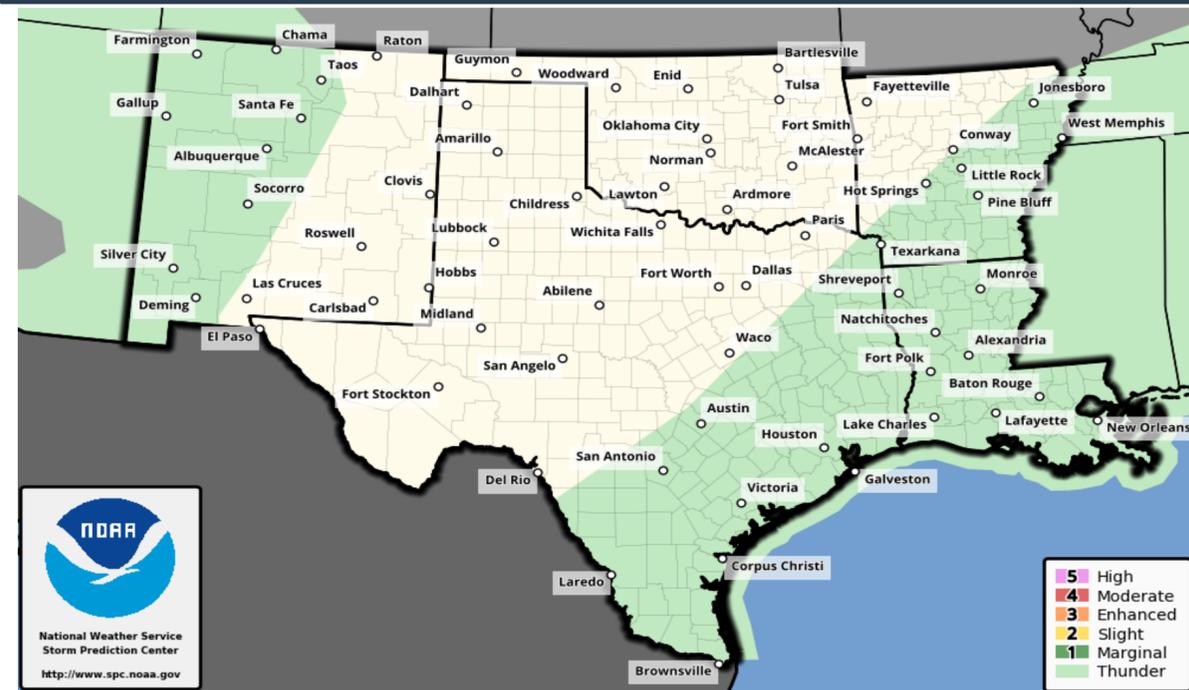


Weather Valid 8am EDT Mon Sep 14 2020 to 8am EDT Tue Sep 15 2020
Fronts Valid 8am EDT Mon Sep 14 2020
Issued 5:12 AM EDT Sat, Sep 12, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

24-Hour Day 3 QPF
Valid 12Z Mon Sep 14 2020
Thru 12Z Tue Sep 15 2020
Issued: 0822Z Sat Sep 12 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 3 Excessive Rainfall Outlook
Valid 12Z Mon Sep 14 2020
Thru 12Z Tue Sep 15 2020
Issued: 0741Z Sat Sep 12 2020
Forecaster: HAMRICK
DOC/NOAA/NWS/NCEP/WPC

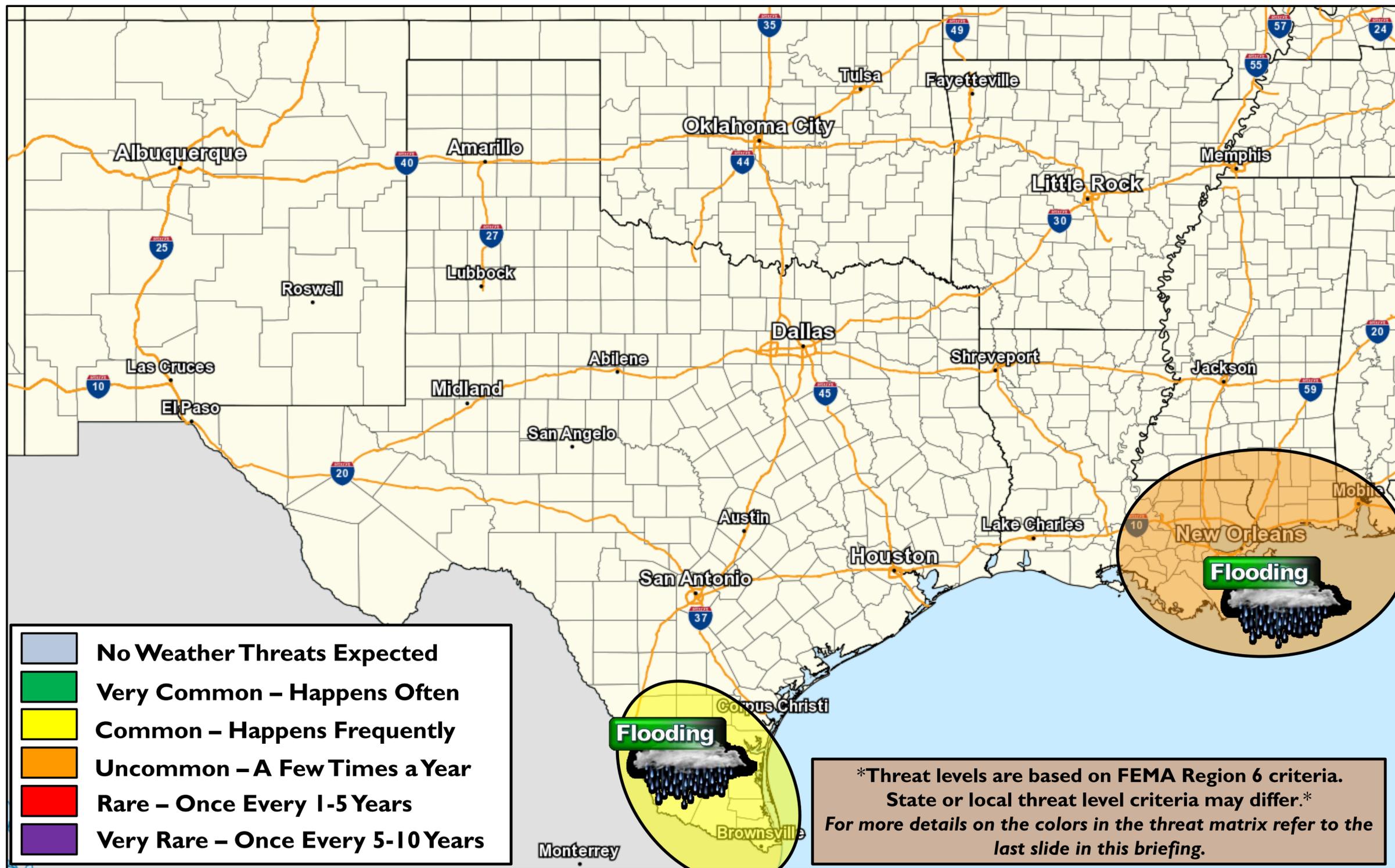
Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% SLGT: 10%-20%
MDT: 20%-50% MRGL: 5%-10%

Days 4-5 Weather Hazards

Tuesday - Wednesday



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Heavy rain/flash flooding threat to continue and intensify for SE LA depending on the eventual track of Sally. Gusty tropical winds and potential for dangerous storm surge also over SE LA depending on the track of Sally.

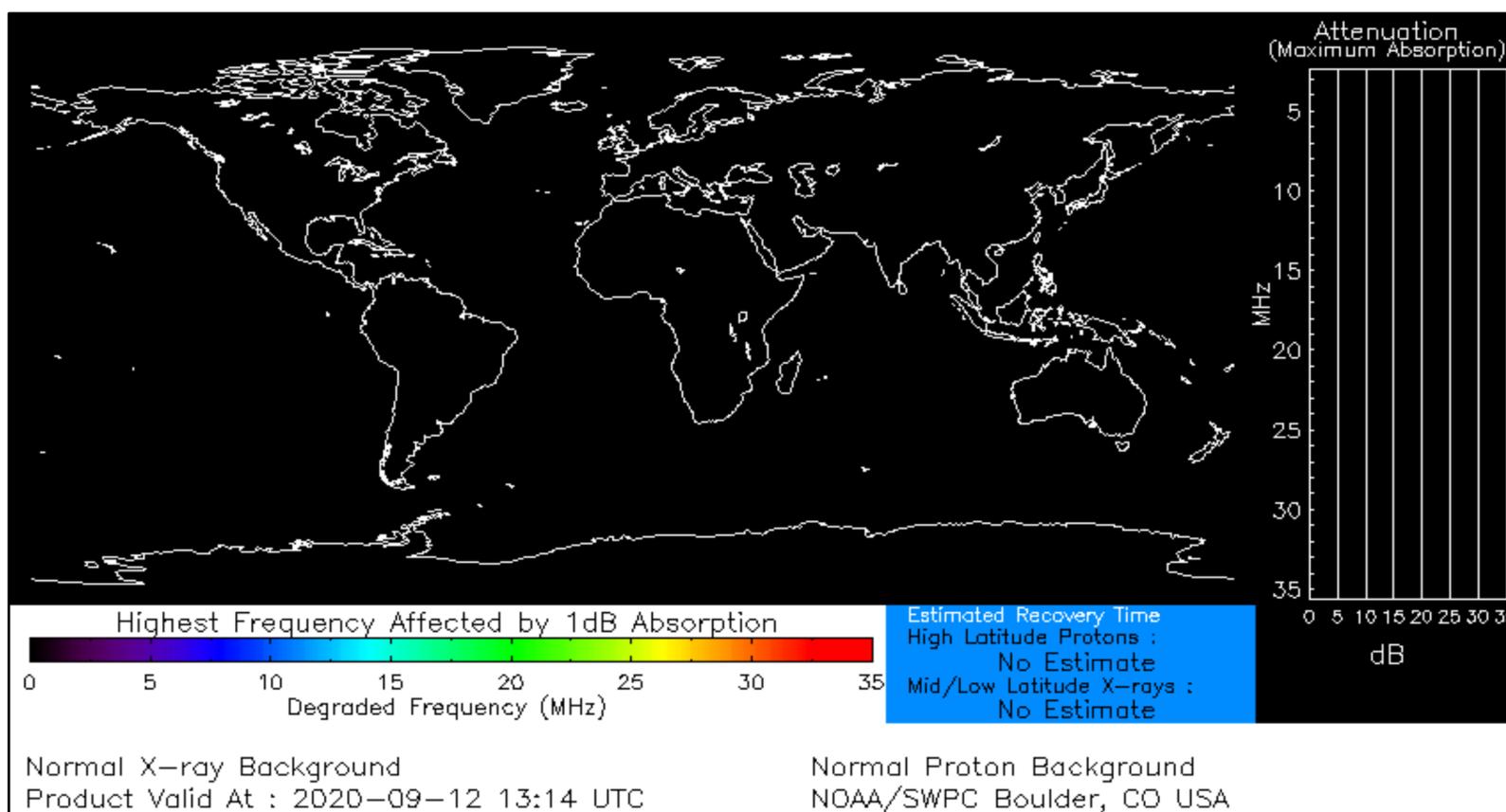
Flash flood threat could linger into Tuesday with river flooding possible into Wednesday for Deep South TX.

Space Weather 3-Day Forecast



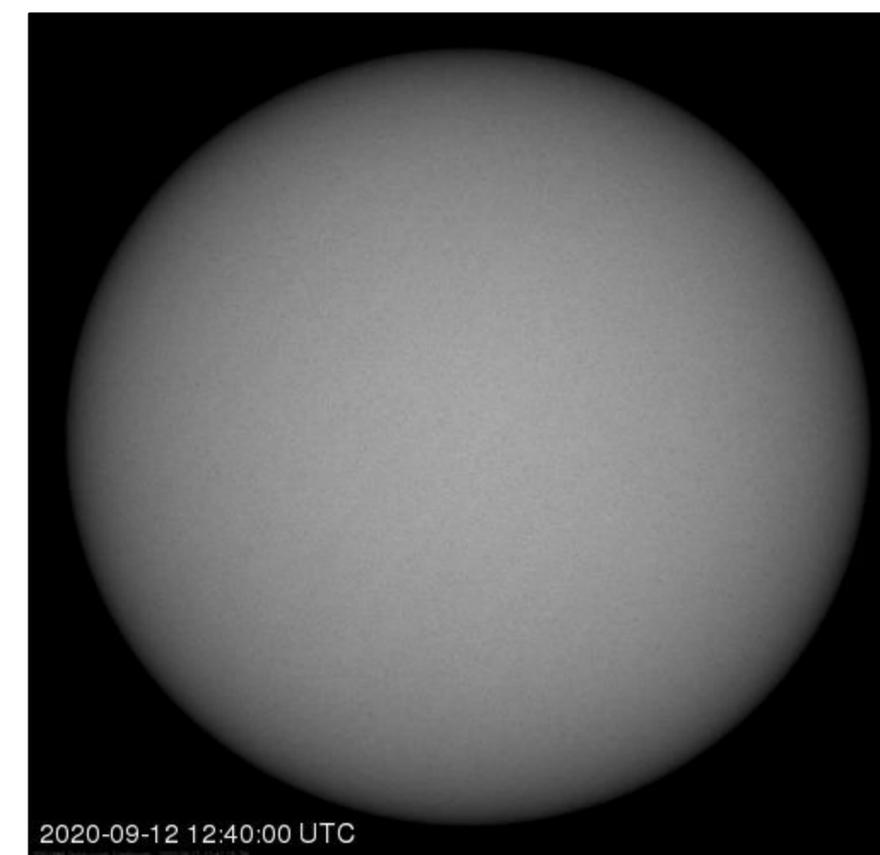
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	Saturday	Sunday	Monday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[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.