



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Friday September 18, 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.



- **TD22 is forecast to strengthen to TS Wilfred later today and move very slowly over the Western Gulf this weekend.**
 - **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.**
 - **Very low confidence forecast, impacts will be track dependent.**

FEMA Region 6 Threat Matrix

Sep 18, 2020 - Sep 22, 2020



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms					
Heavy Rain / Flash Flooding			TX coast	TX/LA coasts	TX/LA coasts
Fire Weather					
Tropical Winds / Surge			TX coast	TX/LA coasts	TX/LA coasts
Winter Weather					
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



SR ROC
REGIONAL OPERATIONS CENTER

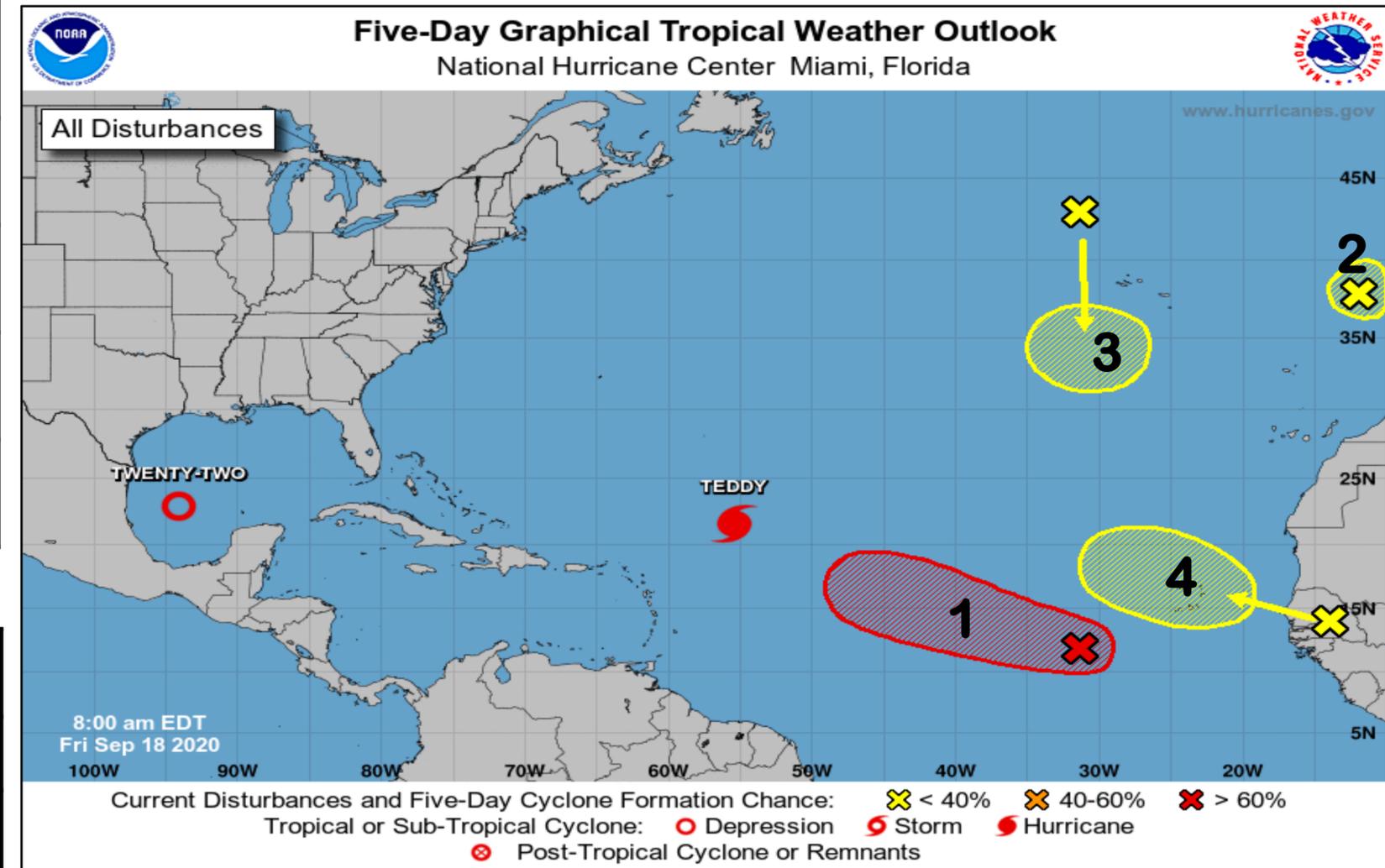
See next slides for more information

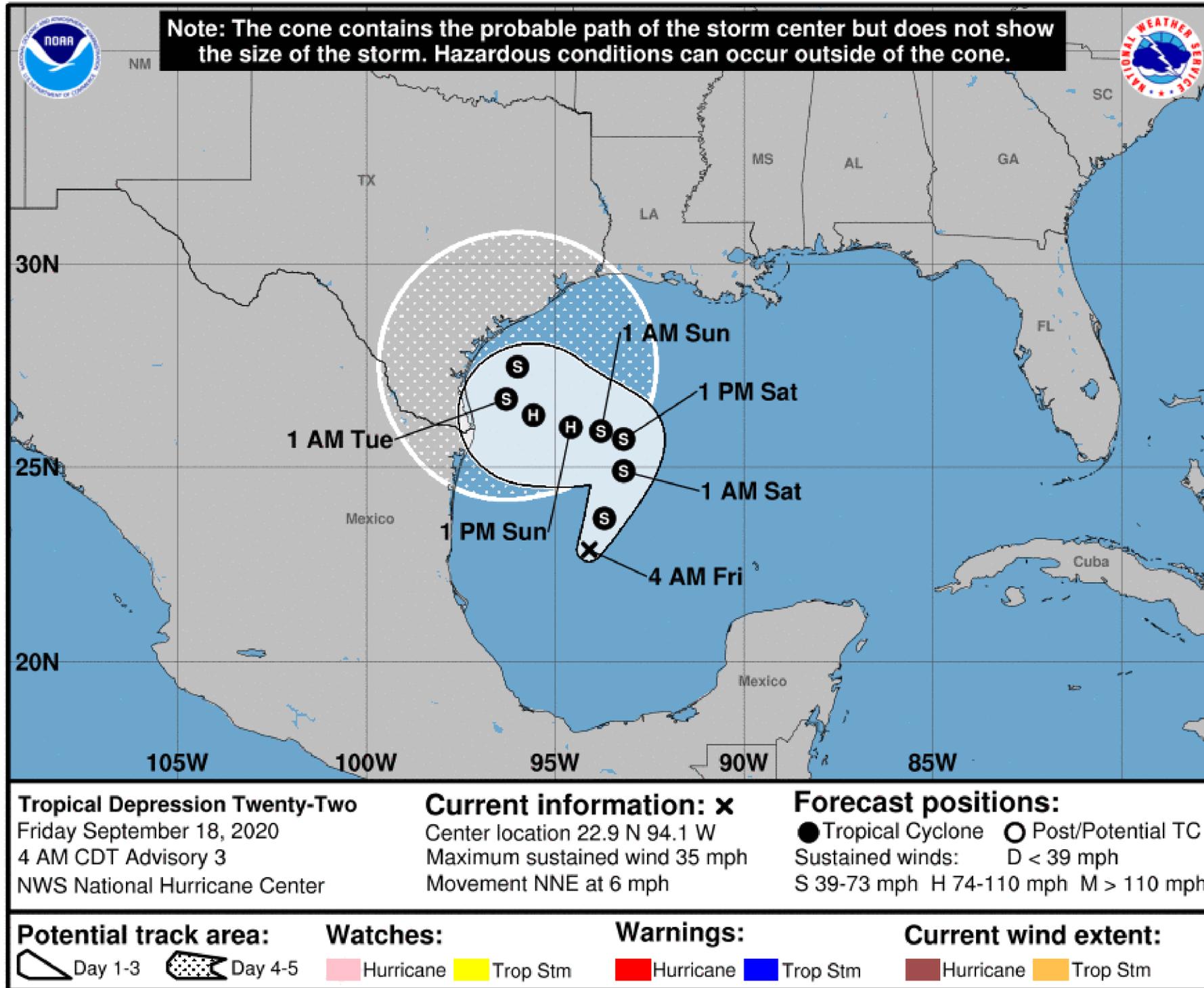
Areas of Possible Development

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

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Teddy	None.
TD 22	Prolonged period of heavy rain/flash flooding and coastal flooding to the TX/LA coasts.





TD22 is expected to strengthen to Tropical Storm Wilfred later today and move very slowly over the Western Gulf of Mexico this weekend into next week.

There is the potential for a prolonged period of heavy rain/flash flooding and coastal flooding for TX/LA coastal areas next week.

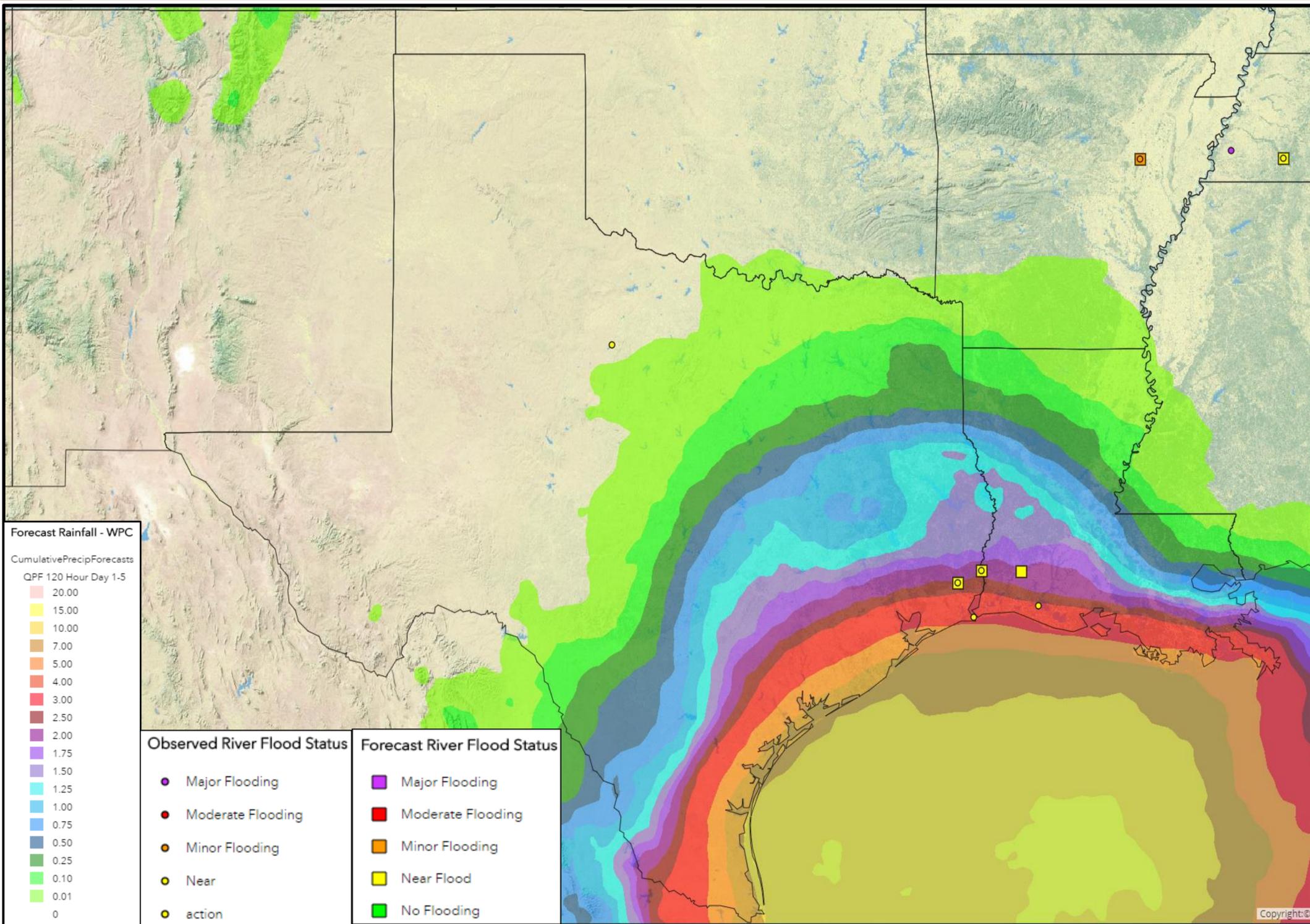
This is a very low confidence forecast at this point. Rainfall forecasts/impacts will be highly dependent on the eventual track of TD22/Wilfred and daily changes to the forecast are likely.

5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

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 and the Lower Rio Grande depending on what happens with TD22/Wilfred.

Today's Weather

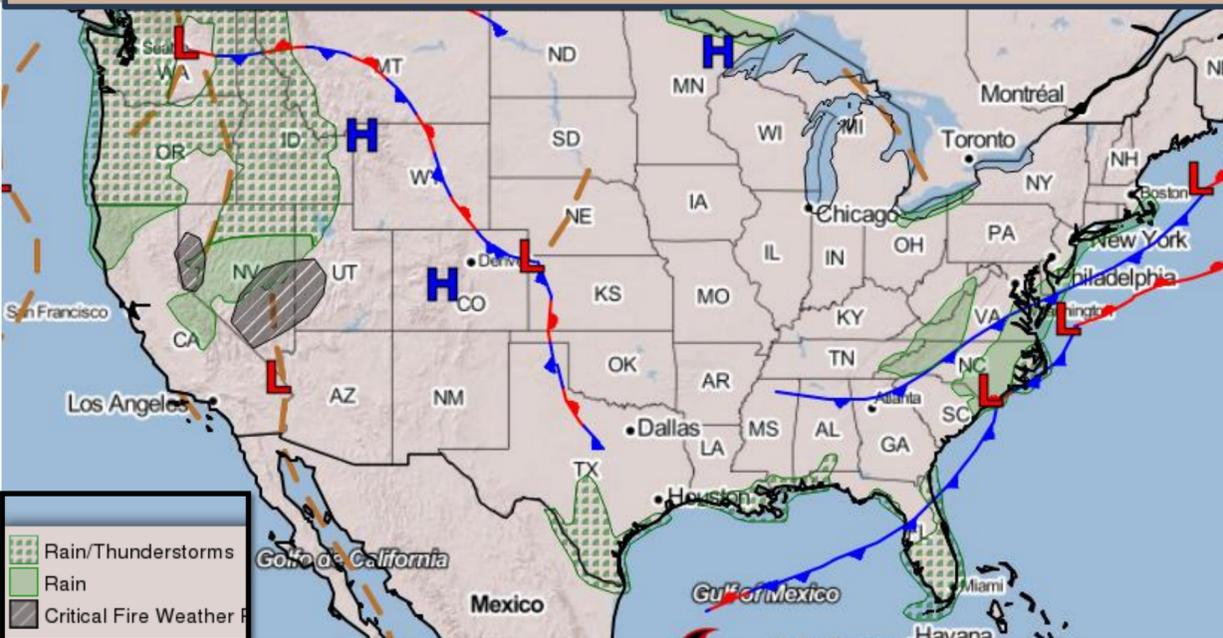


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

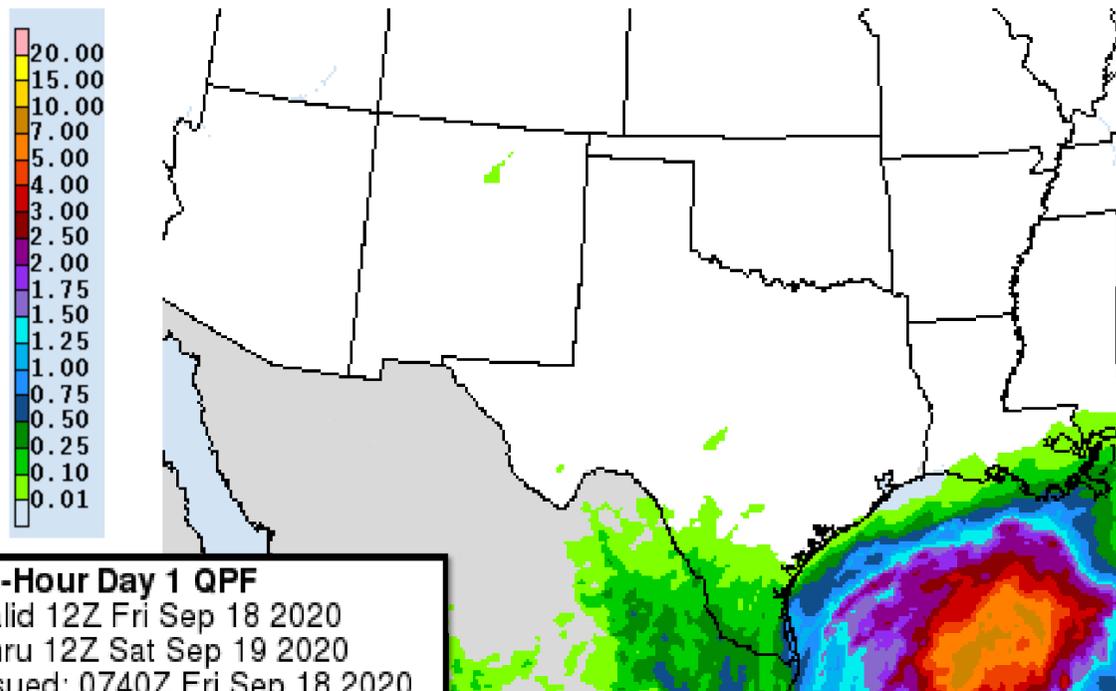
Forecast Rainfall

No significant weather expected.



Weather Valid 8am EDT Fri Sep 18 2020 to 8am EDT Sat Sep 19 2020
Fronts Valid 8am EDT Fri Sep 18 2020

Issued 4:56 AM EDT Fri, Sep 18, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Putnam with WPC/SPC/NHC forecasts.



24-Hour Day 1 QPF
Valid 12Z Fri Sep 18 2020
Thru 12Z Sat Sep 19 2020
Issued: 0740Z Fri Sep 18 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 1 Excessive Rainfall Outlook
Valid 12Z Fri Sep 18 2020
Thru 12Z Sat Sep 19 2020
Issued: 0657Z Fri Sep 18 2020
Forecaster: HURLEY
DOC/NOAA/NWS/NCEP/WPC

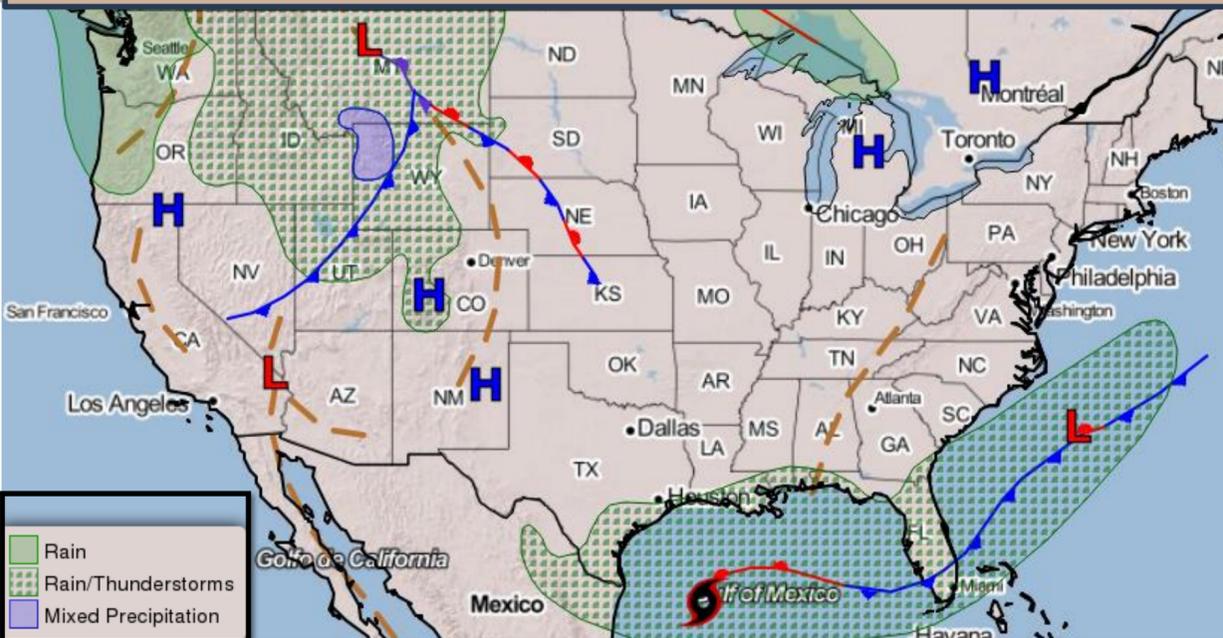
Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% SLGT: 10%-20%
MDT: 20%-50% MRGL: 5%-10%

Tomorrow's Weather



SR ROC
REGIONAL OPERATIONS CENTER

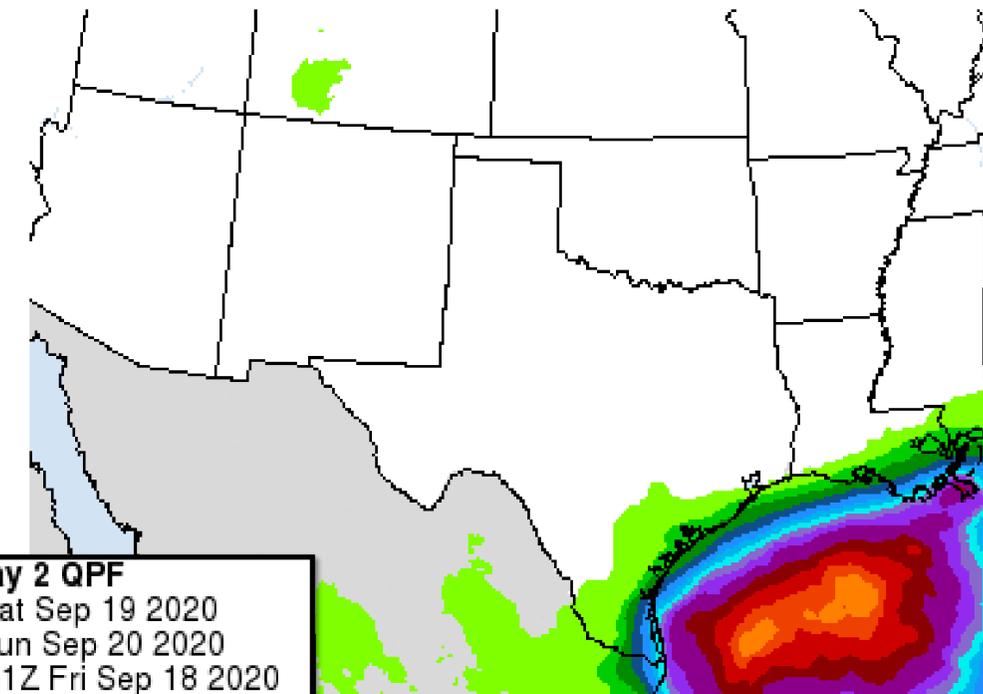
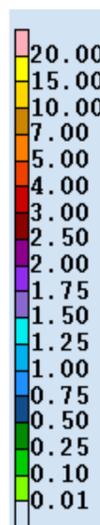
Forecast Chart



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 Fri, Sep 18, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Snell with WPC/SPC/NHC forecasts.

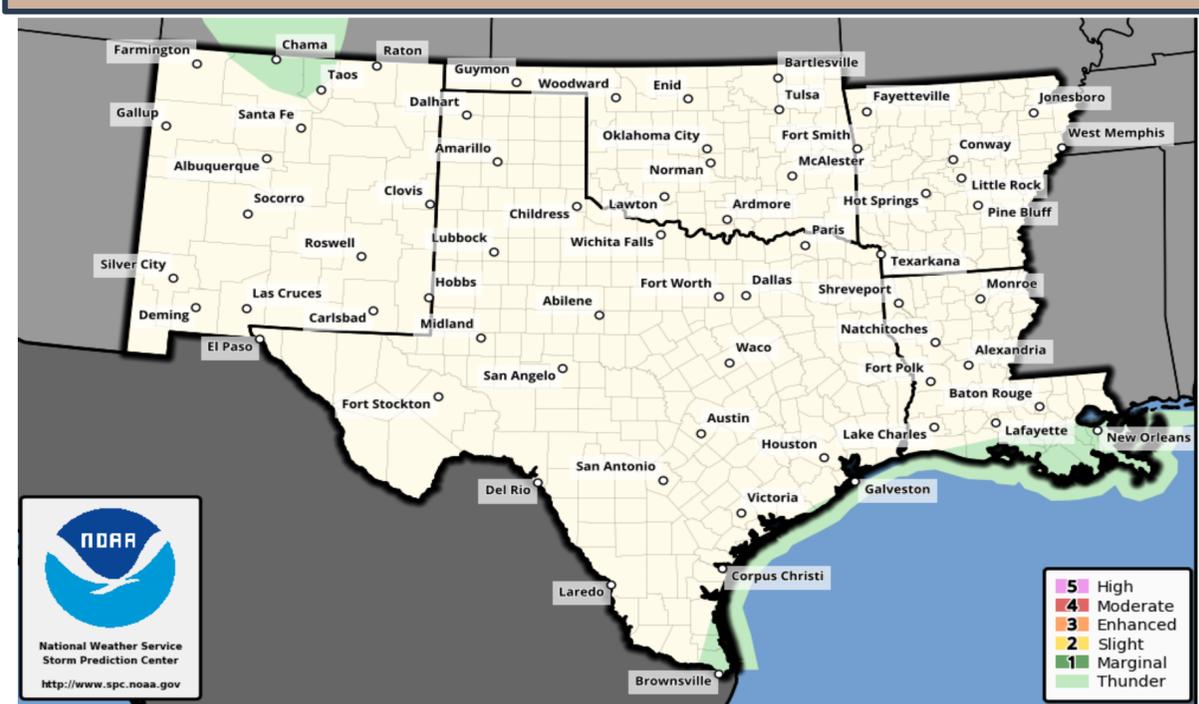
Forecast Rainfall



24-Hour Day 2 QPF
Valid 12Z Sat Sep 19 2020
Thru 12Z Sun Sep 20 2020
Issued: 0851Z Fri Sep 18 2020

No significant weather expected.

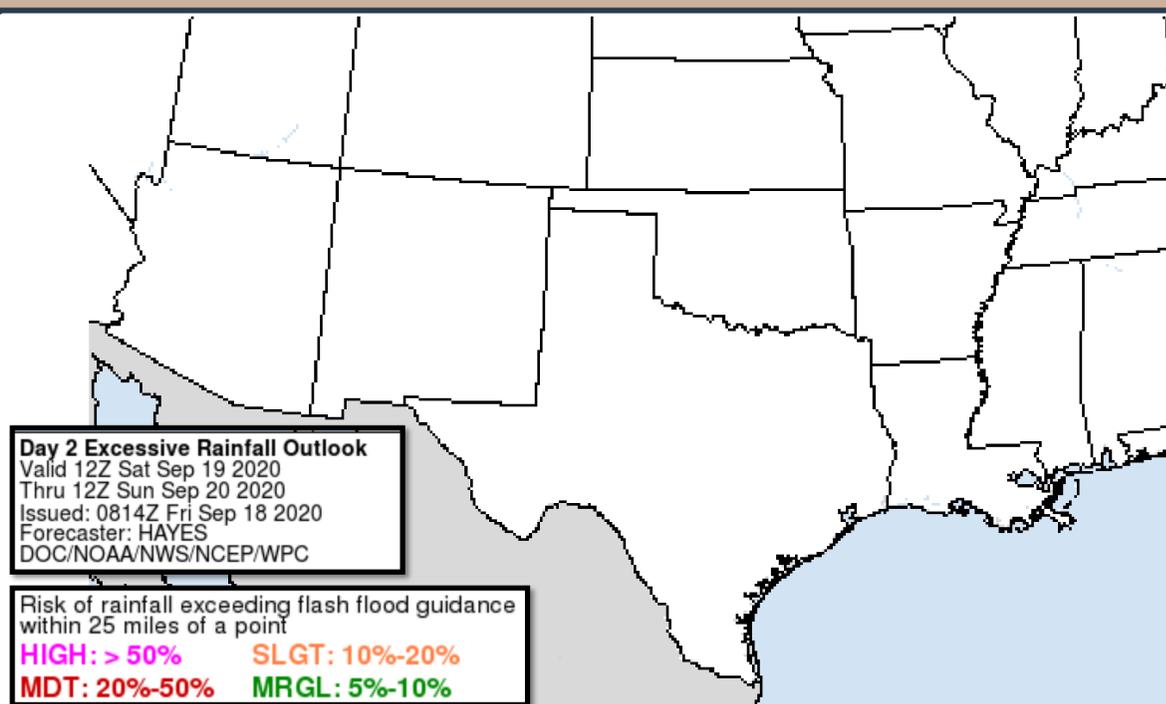
Severe Weather Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Sat Sep 19 2020
Thru 12Z Sun Sep 20 2020
Issued: 0814Z Fri Sep 18 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%

Excessive Rainfall Outlook



Sunday's Weather

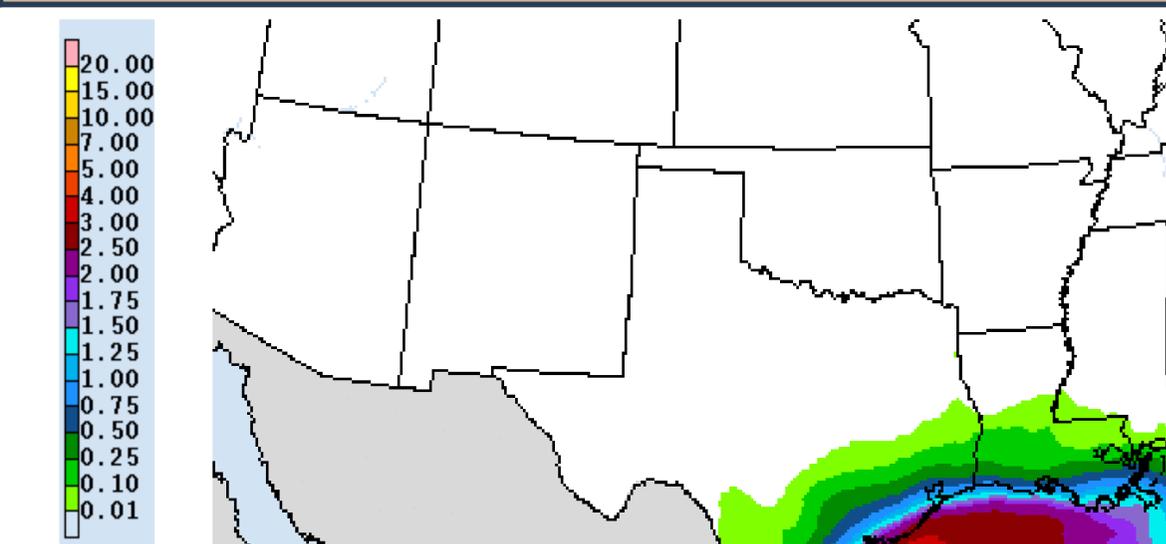
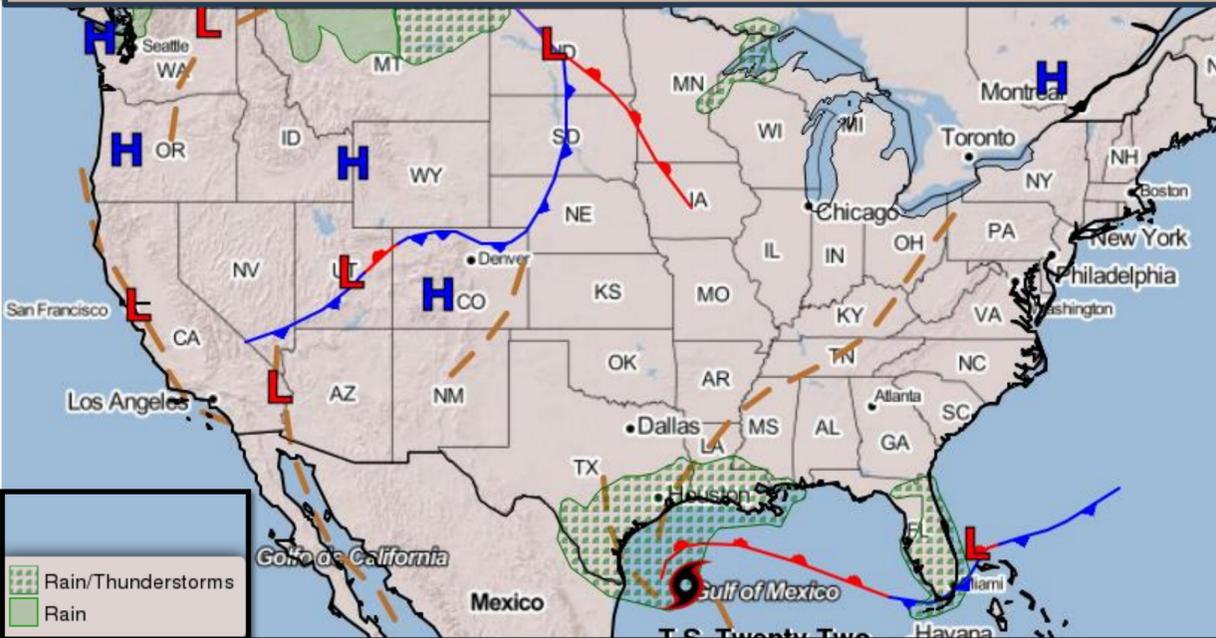


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

Isolated heavy rain/flash flooding and minor coastal flooding along the TX coast.

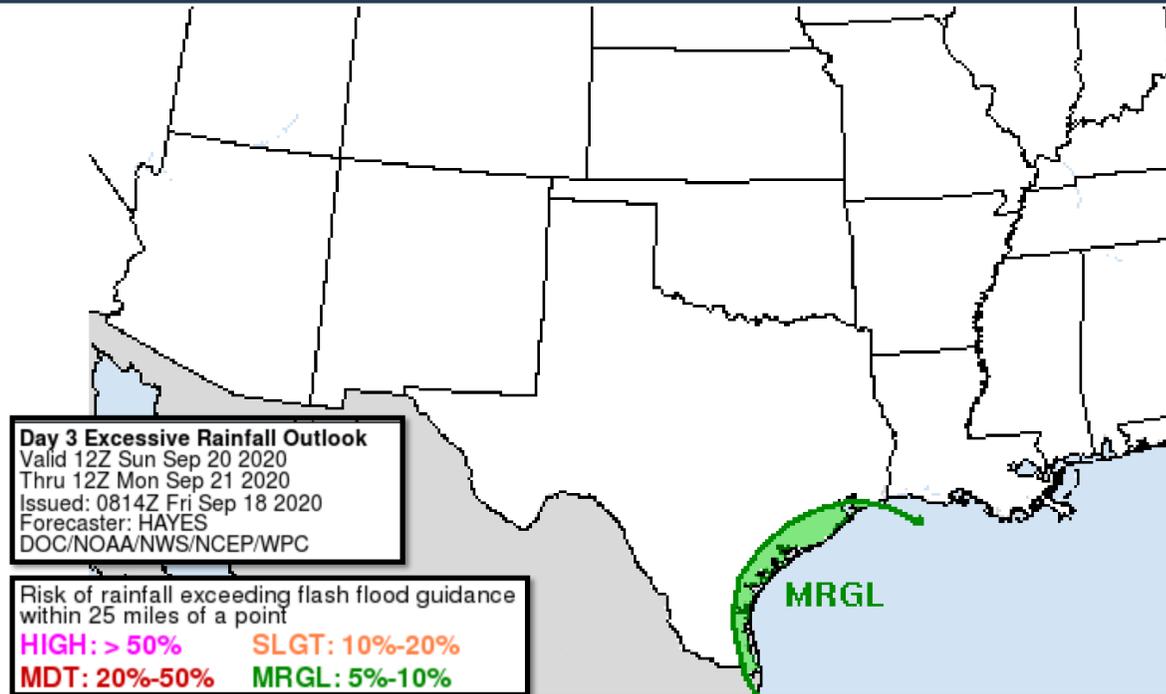


Weather Valid 8am EDT Sun Sep 20 2020 to 8am EDT Mon Sep 21 2020
Fronts Valid 8am EDT Sun Sep 20 2020
Issued 5:06 AM EDT Fri, Sep 18, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Putnam with WPC/SPC/NHC forecasts.

24-Hour Day 3 QPF
Valid 12Z Sun Sep 20 2020
Thru 12Z Mon Sep 21 2020
Issued: 0851Z Fri Sep 18 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 3 Excessive Rainfall Outlook
Valid 12Z Sun Sep 20 2020
Thru 12Z Mon Sep 21 2020
Issued: 0814Z Fri Sep 18 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

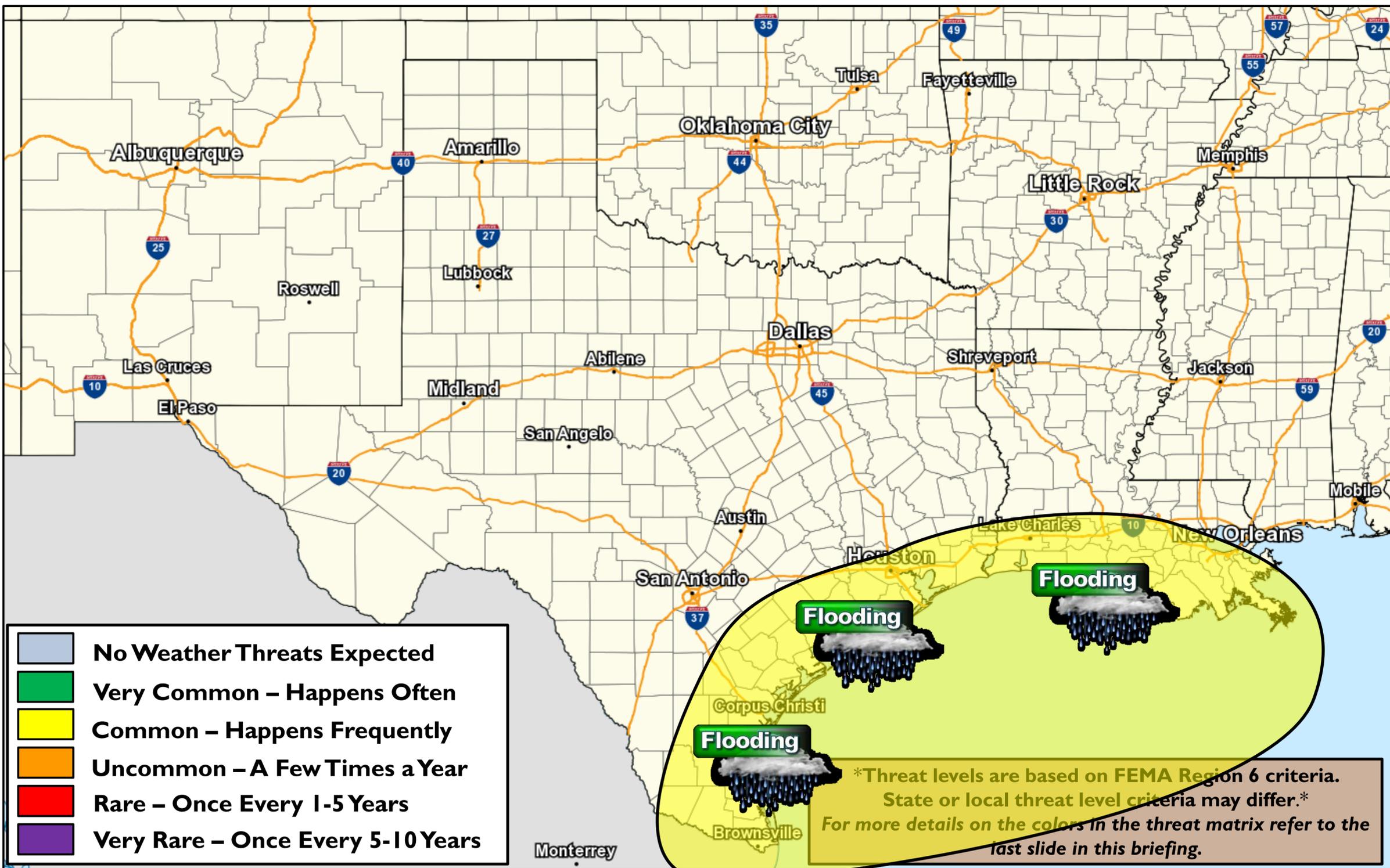
Monday - Tuesday



SR ROC
REGIONAL OPERATIONS CENTER

Potential for heavy rainfall/flash flooding and coastal flooding for TX/LA coastal areas on Monday and Tuesday depending on what happens with TD22/Wilfred.

This will likely continue somewhere along the FEMA VI coast through most of next week.

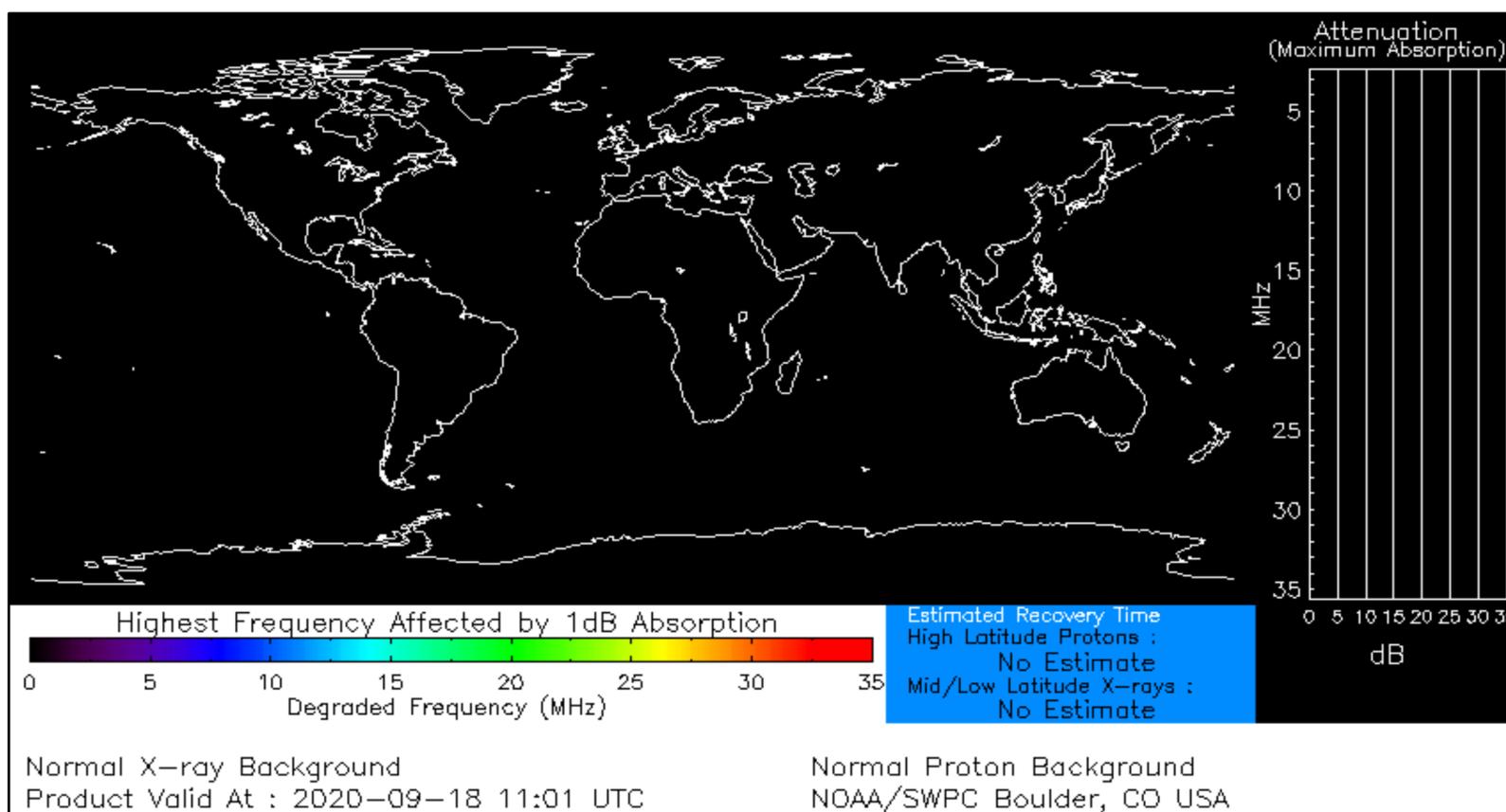


Space Weather 3-Day Forecast



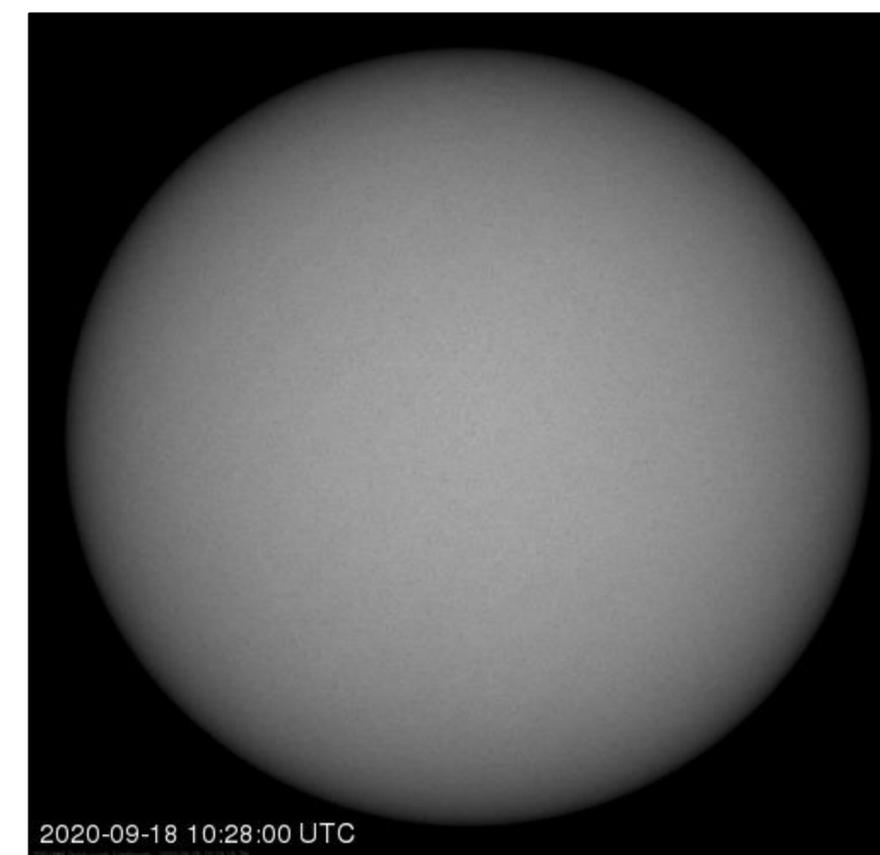
SR ROC
REGIONAL OPERATIONS CENTER

	Friday	Saturday	Sunday
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.