



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Thursday September 10, 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.



- **Isolated heavy rain/flash flooding today for TX.**
- **Lingering winter travel impacts this morning for N NM.**
- **Tropical Weather Outlook**
 - **The tropics are busy, but no significant impacts are expected at this time.**
 - **A trough off the NC coast will move into eastern NC today. No impacts to FEMA 6.**
 - **An area near the Bahamas will move across FL tomorrow and into the eastern Gulf this weekend. Low chance of development. No significant impacts expected at this time.**
 - **An area in the northeastern Gulf has a low chance of development as it moves west and southwest into the northern/western Gulf. No significant impacts expected at this time.**
 - **Two tropical waves will move off the west coast of Africa into the eastern Atlantic and are likely to develop into tropical systems. No impacts in the next 5 days.**
 - **No impacts from Tropical Storms Paulette and Rene.**

FEMA Region 6 Threat Matrix

Sep 10, 2020 - Sep 14, 2020



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms					
Heavy Rain / Flash Flooding	TX				
Fire Weather					
Tropical Winds / Surge					
Winter Weather	N NM				
River Flooding	NE AR, W TX, SW OK, SW LA	NE AR, W TX, SW OK	NE AR	NE AR	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



SR ROC
REGIONAL OPERATIONS CENTER

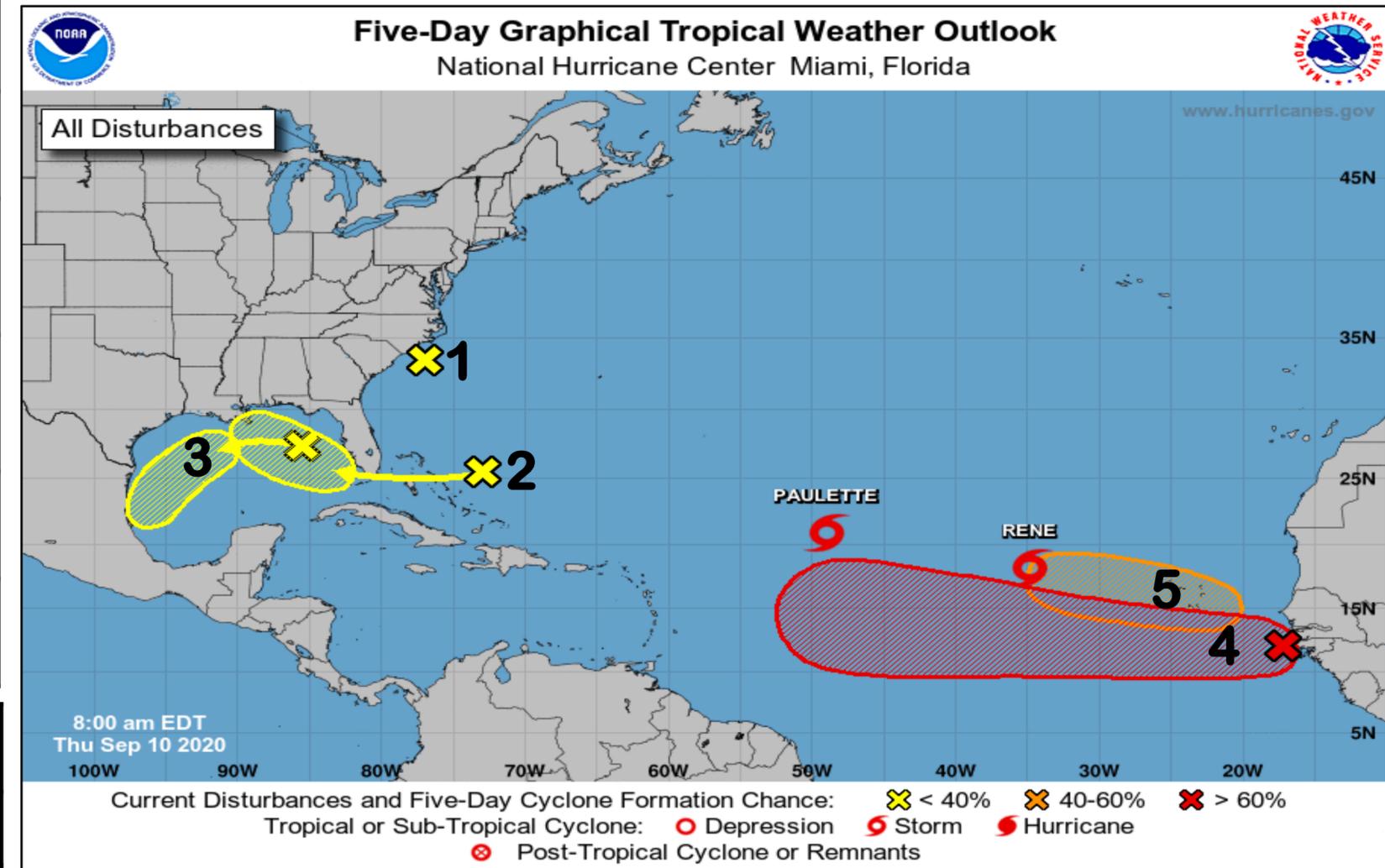
See next slide for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	None.
2	Low	No significant impacts expected at this time.
3	Low	No significant impacts expected at this time.
4	High	None in the next 5 days.
5	Medium	None in the next 5 days.

Active Tropical Cyclones

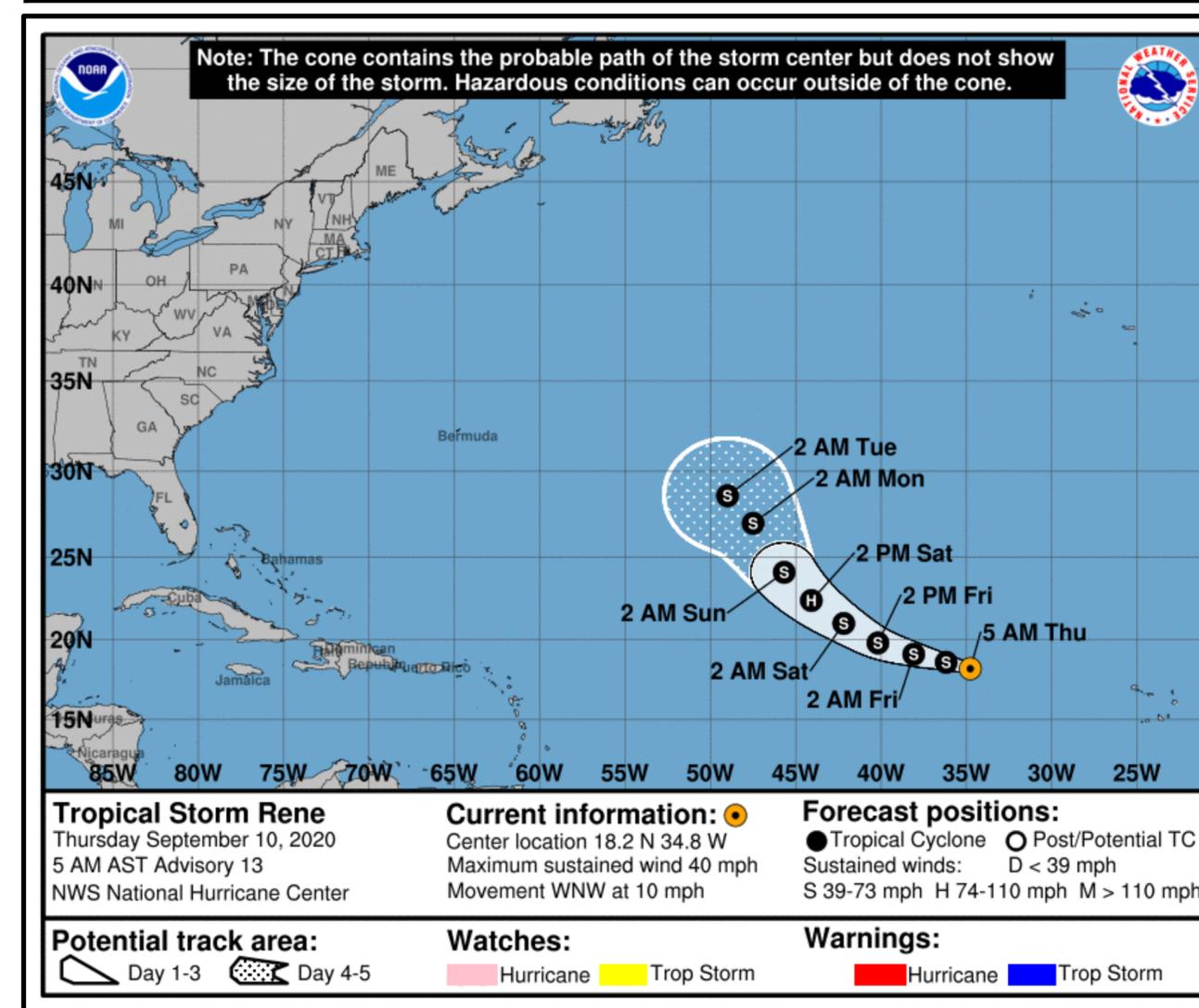
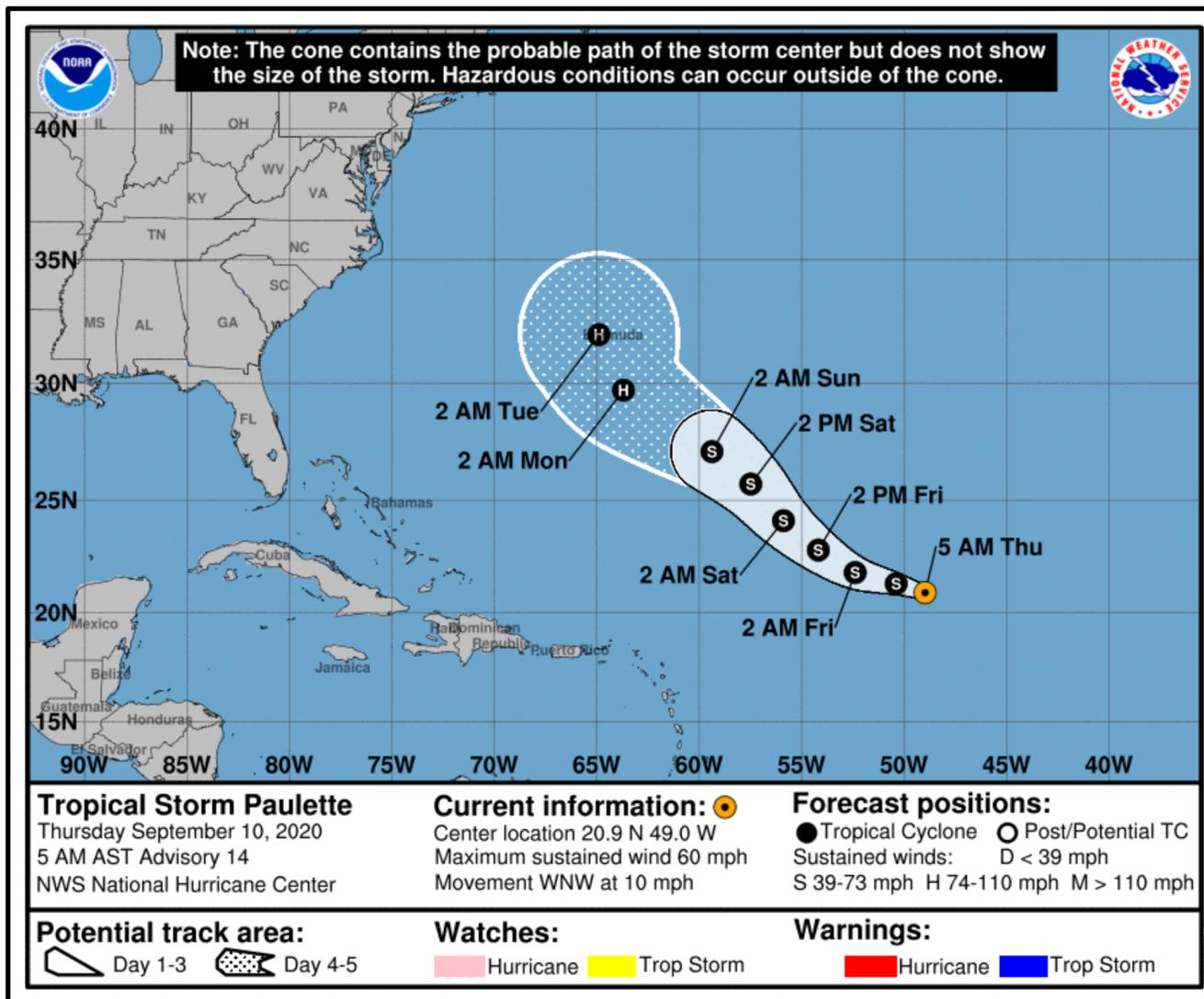
Storm	Potential Impacts to FEMA 6
Paulette	None.
Rene	None.





Tropical Storm Paulette will move west-northwest and then northwest for the next few days. No U.S. impacts expected.

Tropical Storm Rene will move west-northwest and then northwest for the next few days. No U.S. impacts expected.



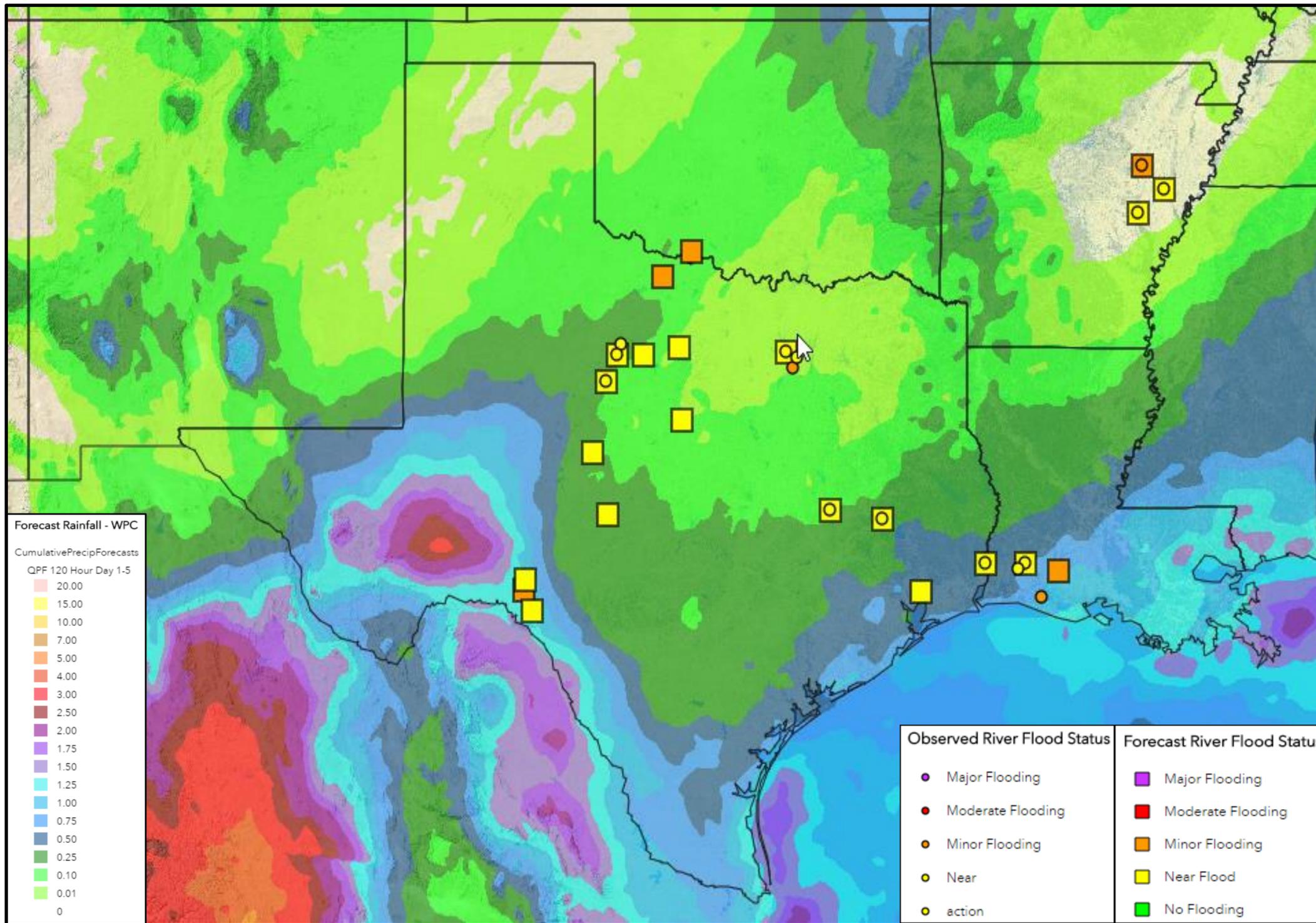
5-Day Precipitation Forecast & River Flood Status



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 in NE AR, SW LA, W TX, and SW OK. Impacts primarily to agricultural areas and low lying local roads.



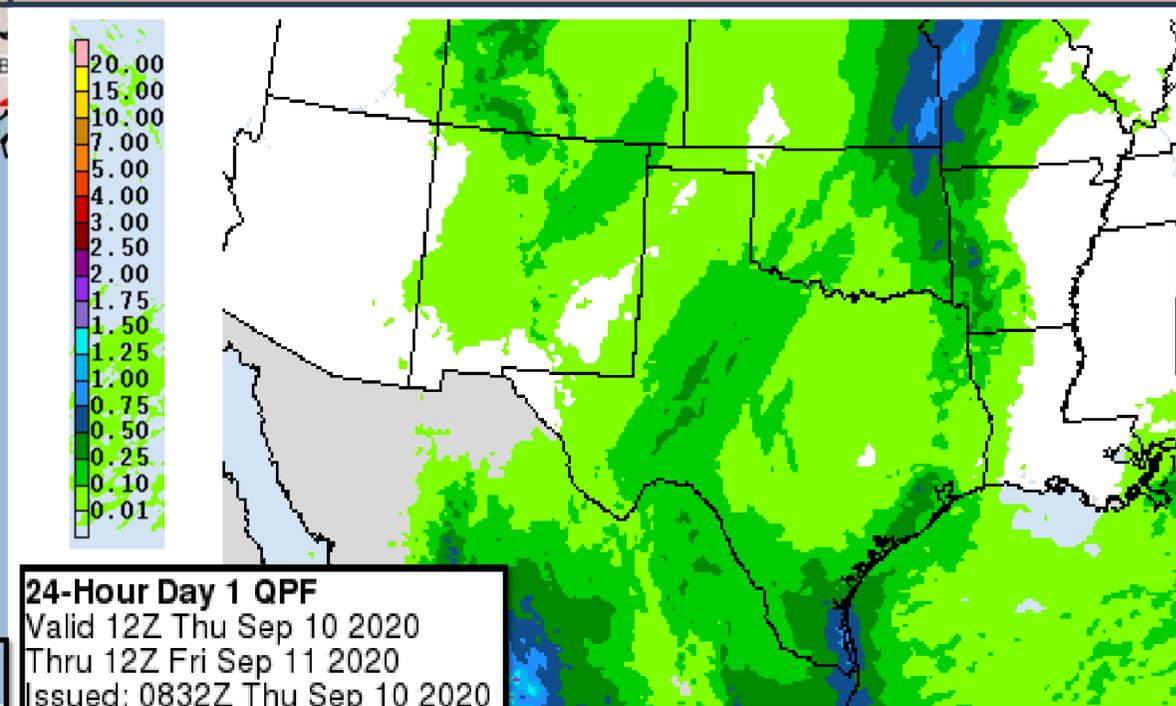
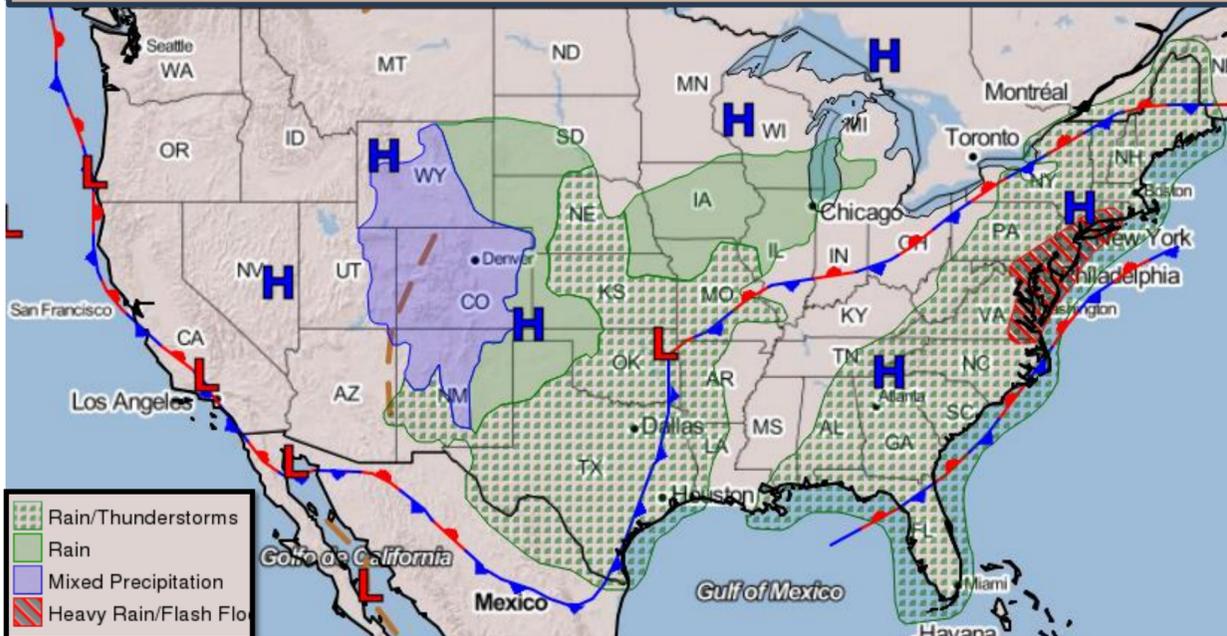
Today's Weather



SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall



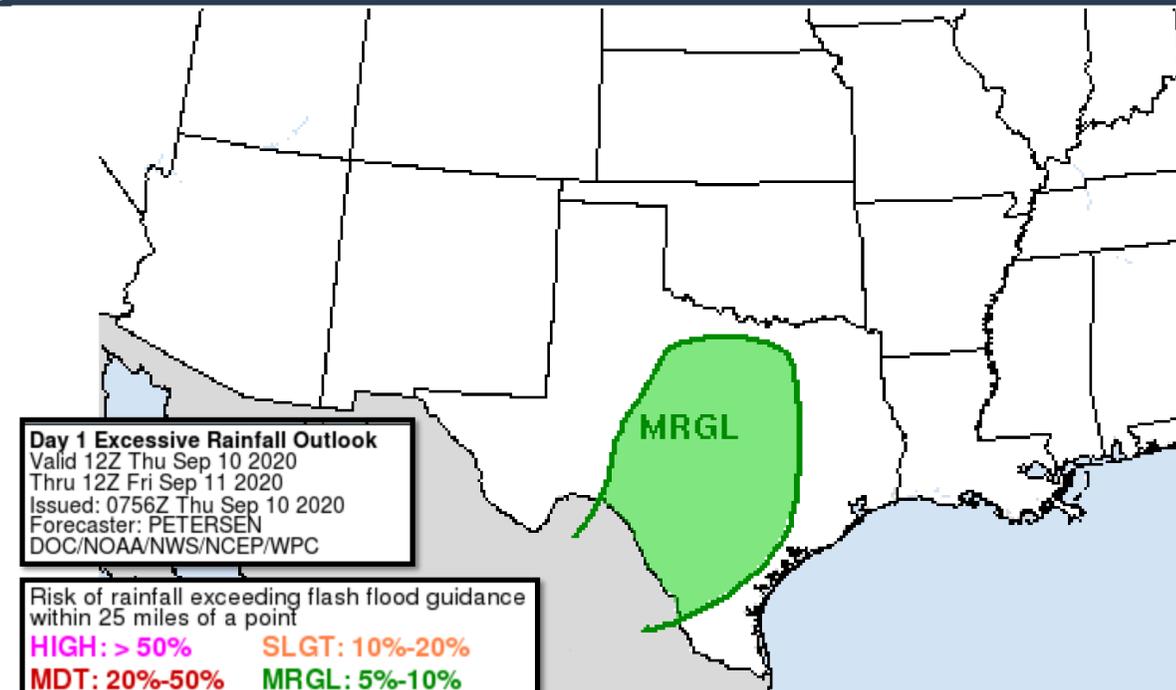
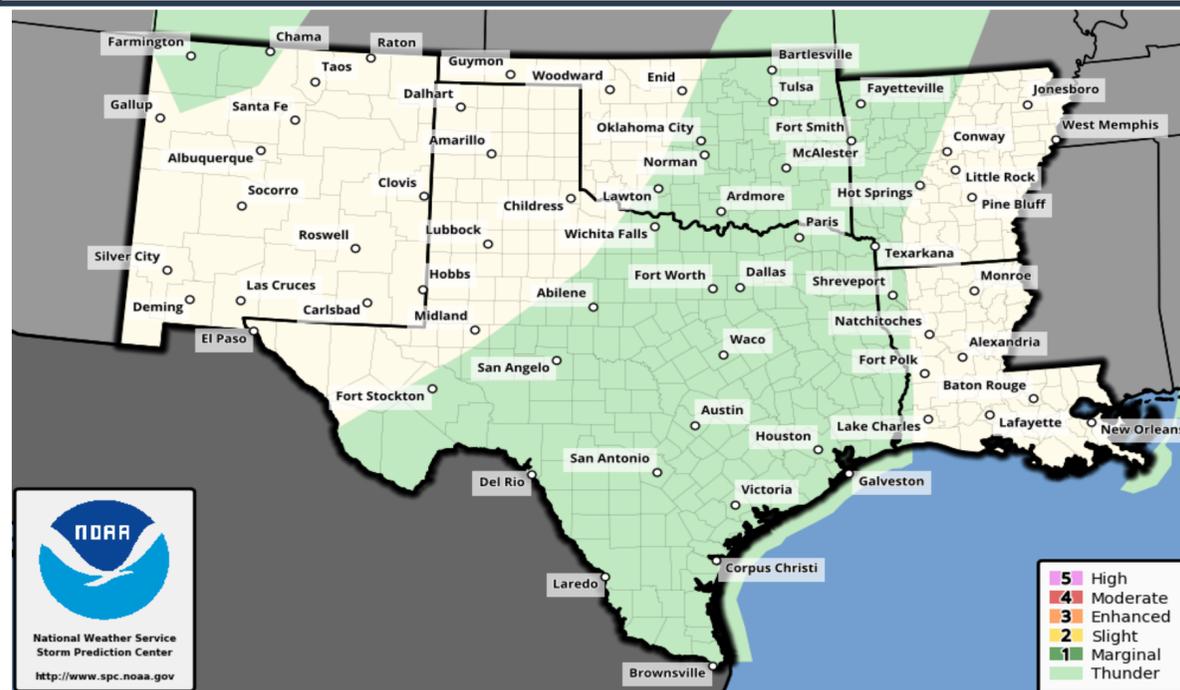
Isolated heavy rainfall/flash flooding for TX.

Lingering winter travel impacts for northern NM this morning.

Weather Valid 8am EDT Thu Sep 10 2020 to 8am EDT Fri Sep 11 2020
 Fronts Valid 8am EDT Thu Sep 10 2020
 Issued 4:52 AM EDT Thu, Sep 10, 2020
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Zavodoff with WPC/SPC/NHC forecasts.

Severe Weather Outlook

Excessive Rainfall Outlook

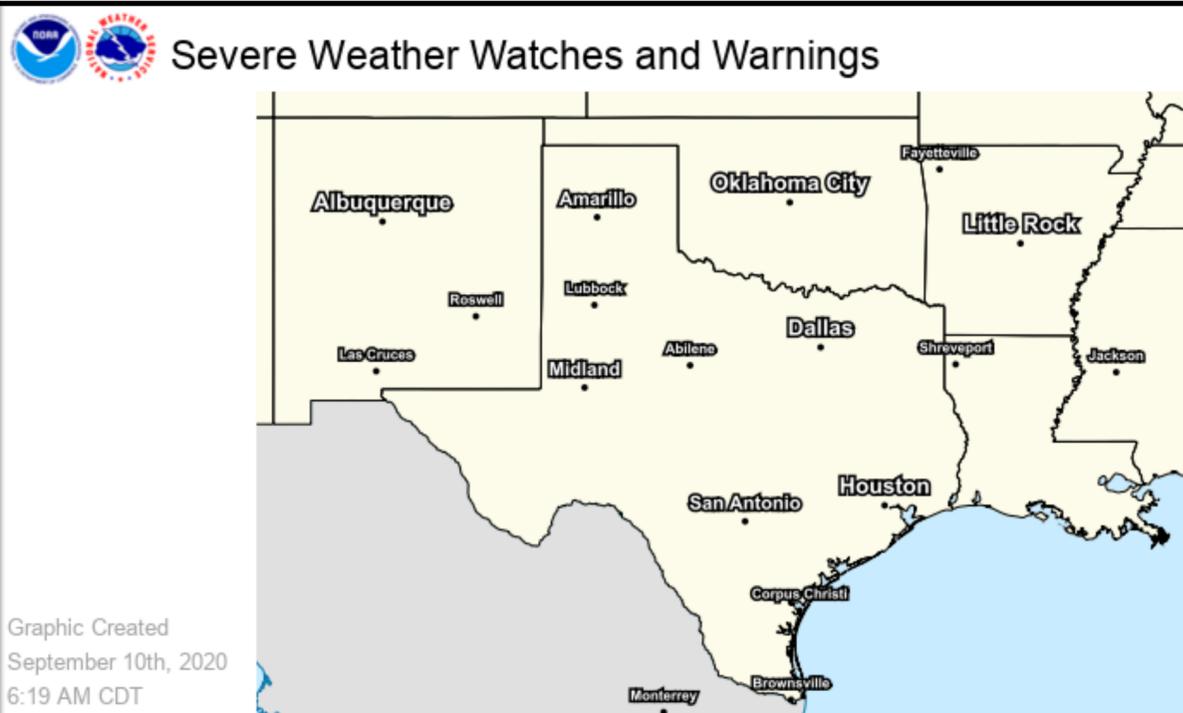


Watches, Warnings, and Advisories



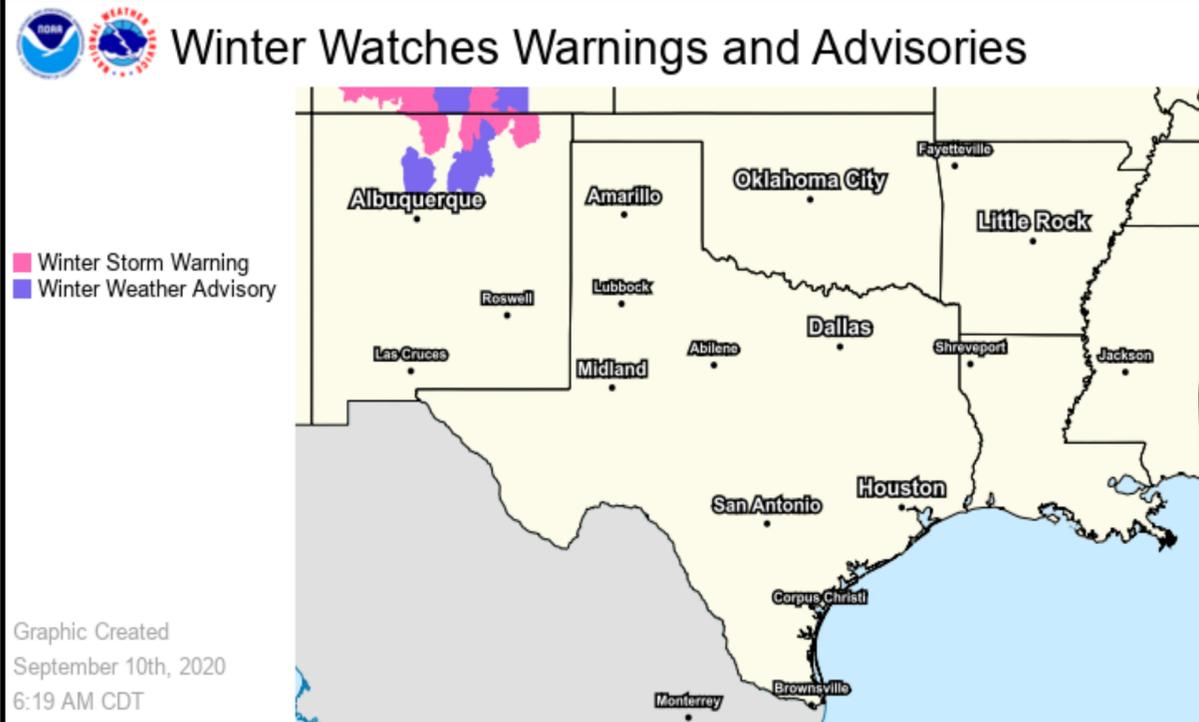
SR ROC
REGIONAL OPERATIONS CENTER

Wind, Severe, Winter, and Flood Hazards



Flash Flood Watches remain in effect over portions of west central and south central TX through 1pm CDT today.

Winter Storm Warnings and Winter Weather Advisories remain effect over portions of northern NM through 9am MDT this morning.



Tomorrow's Weather

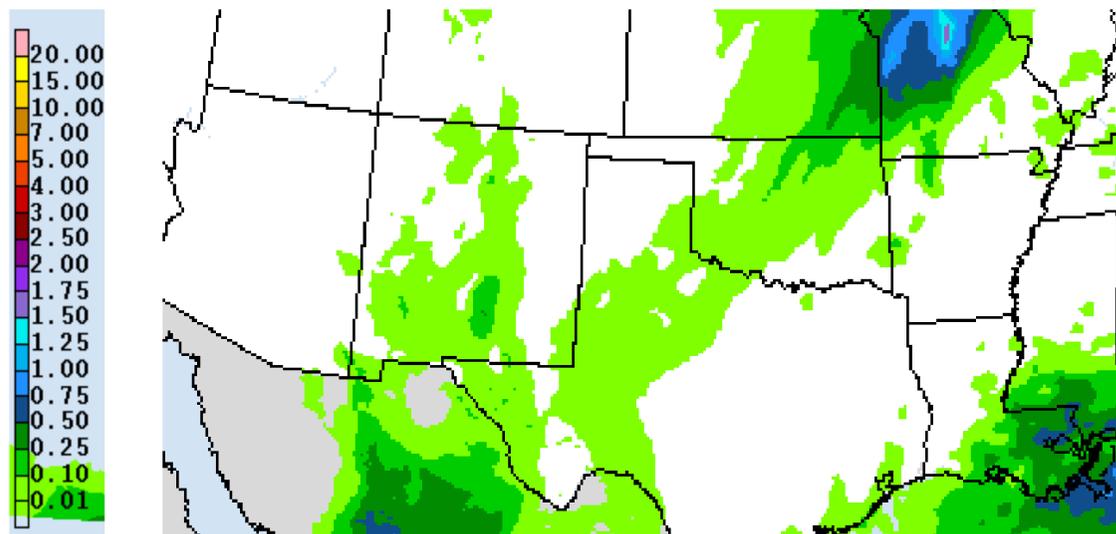
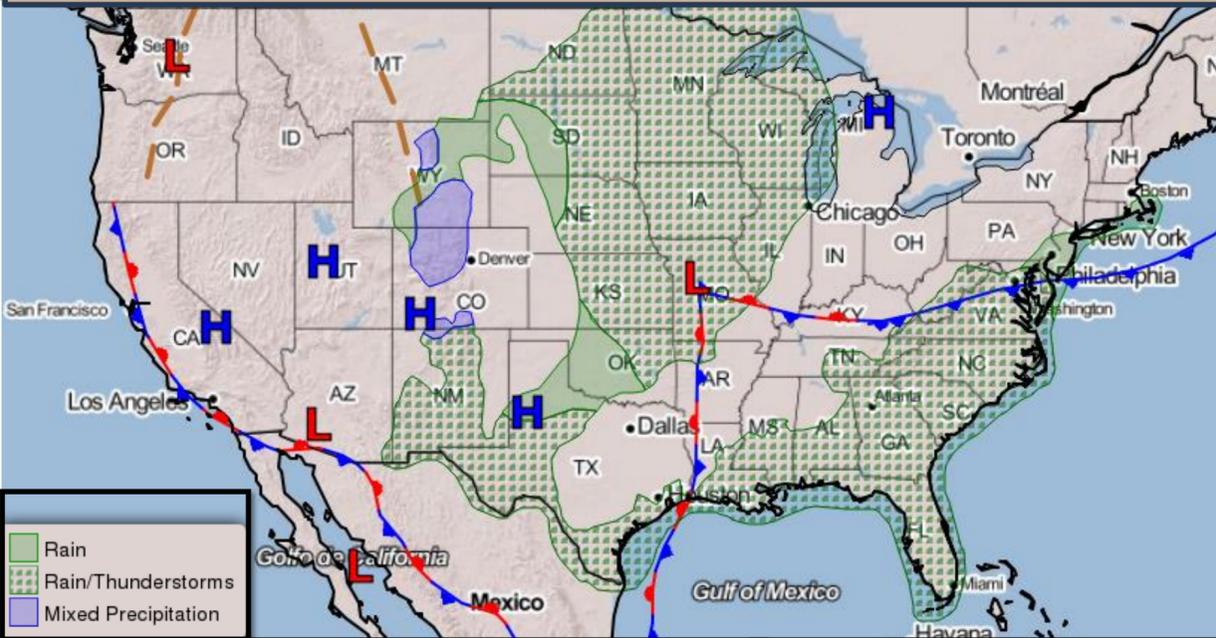


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

No significant weather expected.

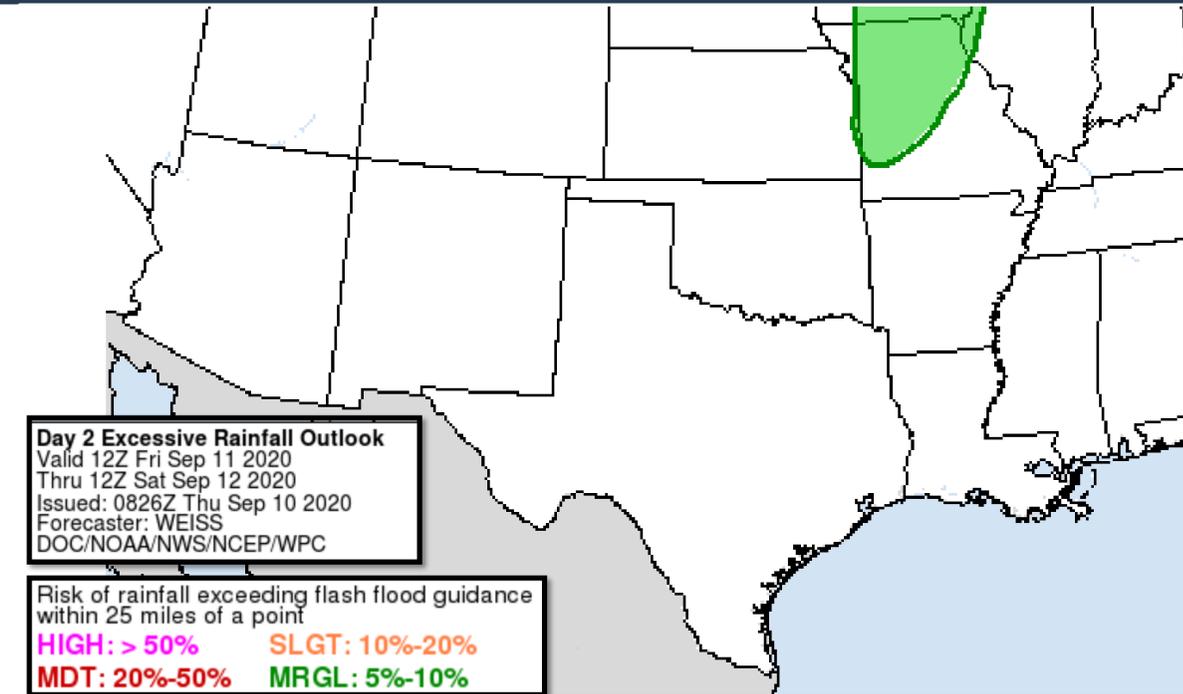
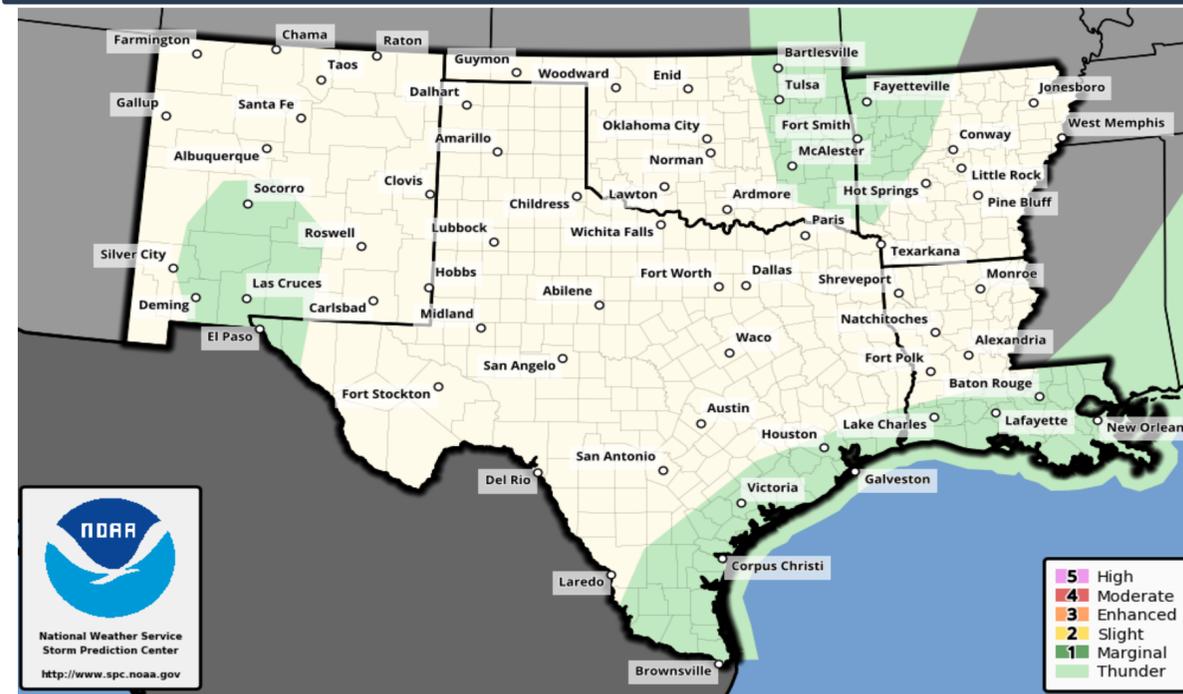


Weather Valid 8am EDT Fri Sep 11 2020 to 8am EDT Sat Sep 12 2020
 Fronts Valid 8am EDT Fri Sep 11 2020
 Issued 4:55 AM EDT Thu, Sep 10, 2020
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Zavodoff with WPC/SPC/NHC forecasts.

24-Hour Day 2 QPF
 Valid 12Z Fri Sep 11 2020
 Thru 12Z Sat Sep 12 2020
 Issued: 0844Z Thu Sep 10 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Saturday's Weather

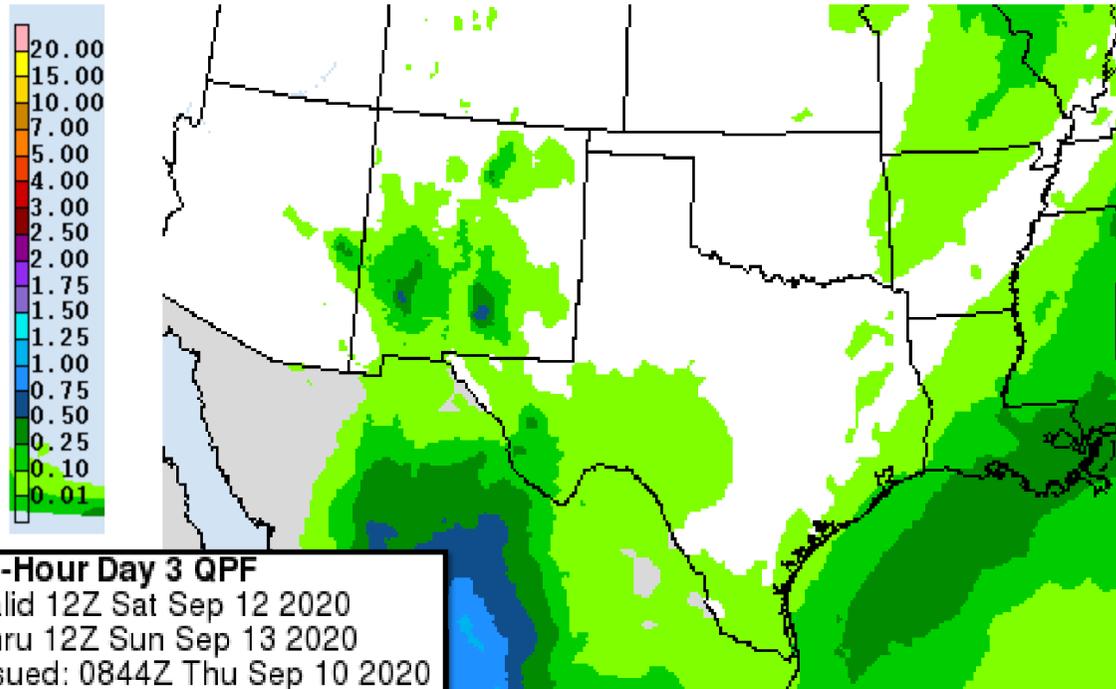
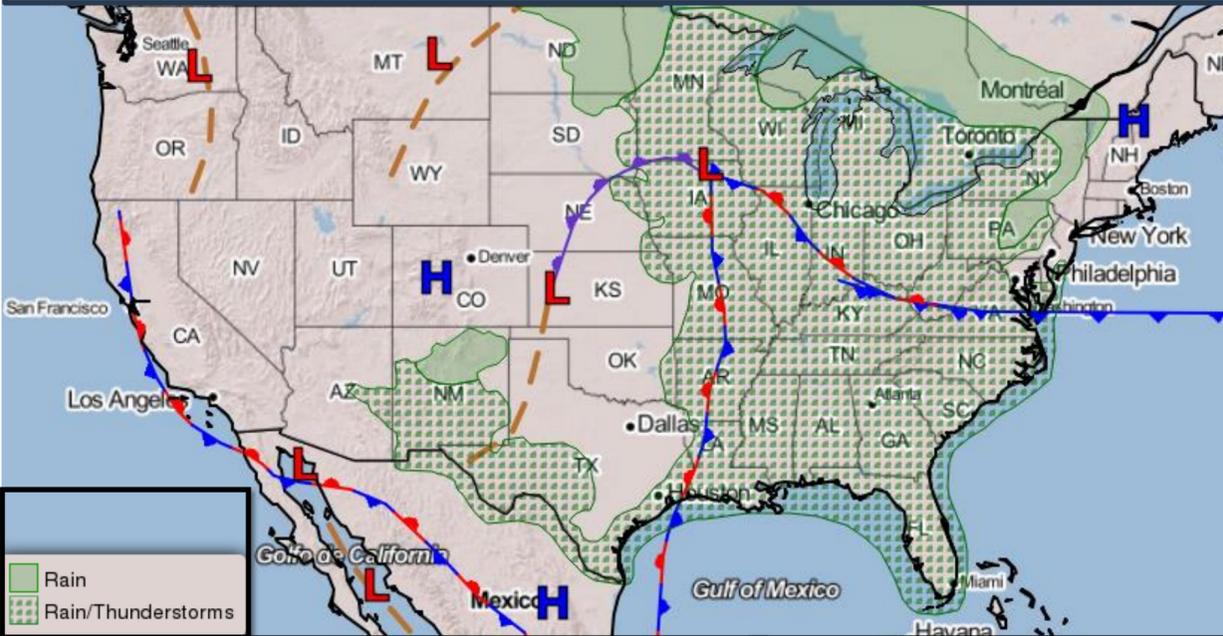


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

Forecast Rainfall

No significant weather expected.

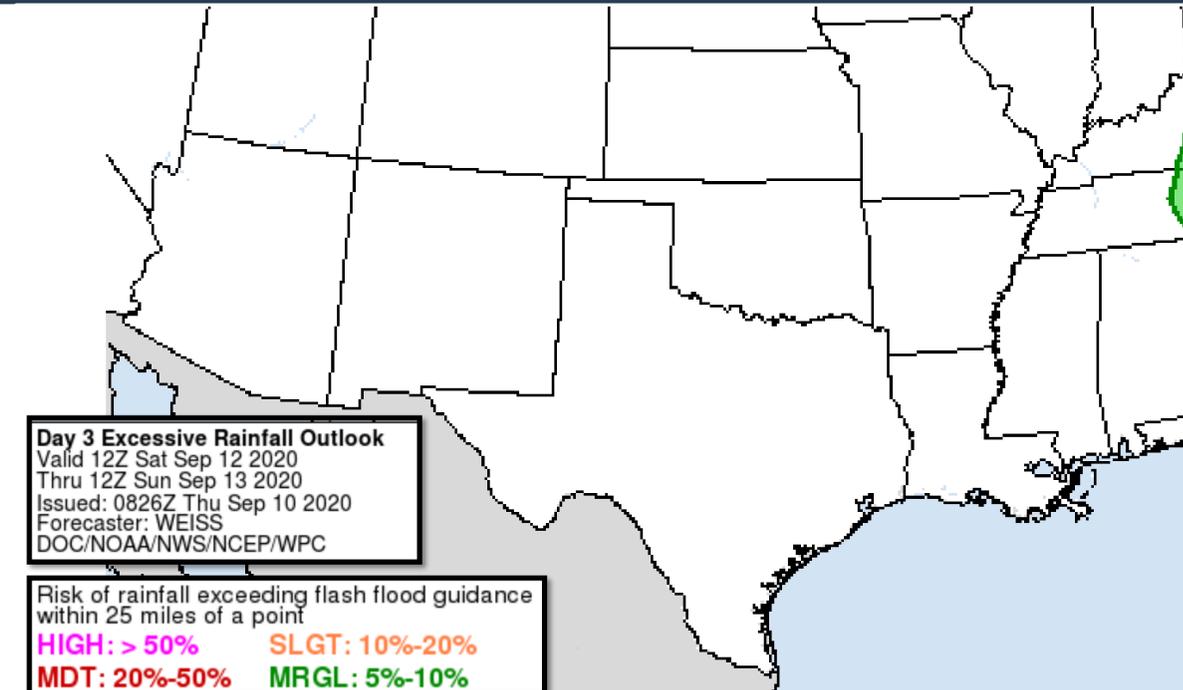
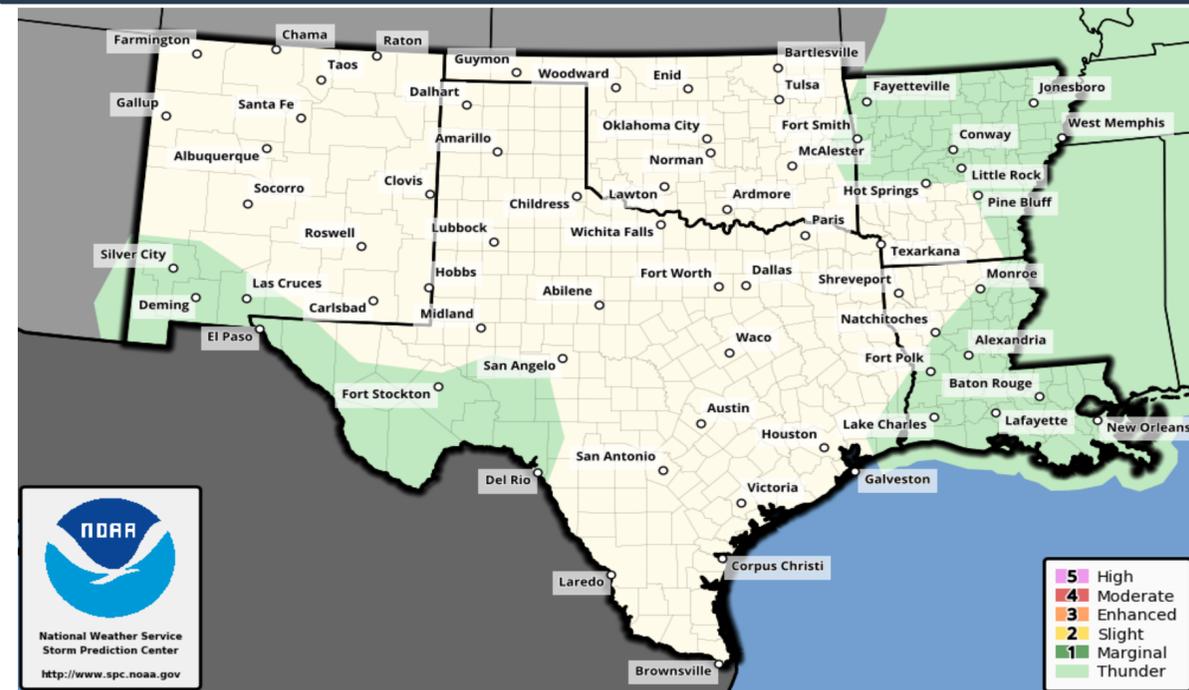


Weather Valid 8am EDT Sat Sep 12 2020 to 8am EDT Sun Sep 13 2020
Fronts Valid 8am EDT Sat Sep 12 2020
Issued 4:56 AM EDT Thu, Sep 10, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Zavodoff with WPC/SPC/NHC forecasts.

24-Hour Day 3 QPF
Valid 12Z Sat Sep 12 2020
Thru 12Z Sun Sep 13 2020
Issued: 0844Z Thu Sep 10 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 3 Excessive Rainfall Outlook
Valid 12Z Sat Sep 12 2020
Thru 12Z Sun Sep 13 2020
Issued: 0826Z Thu Sep 10 2020
Forecaster: WEISS
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%

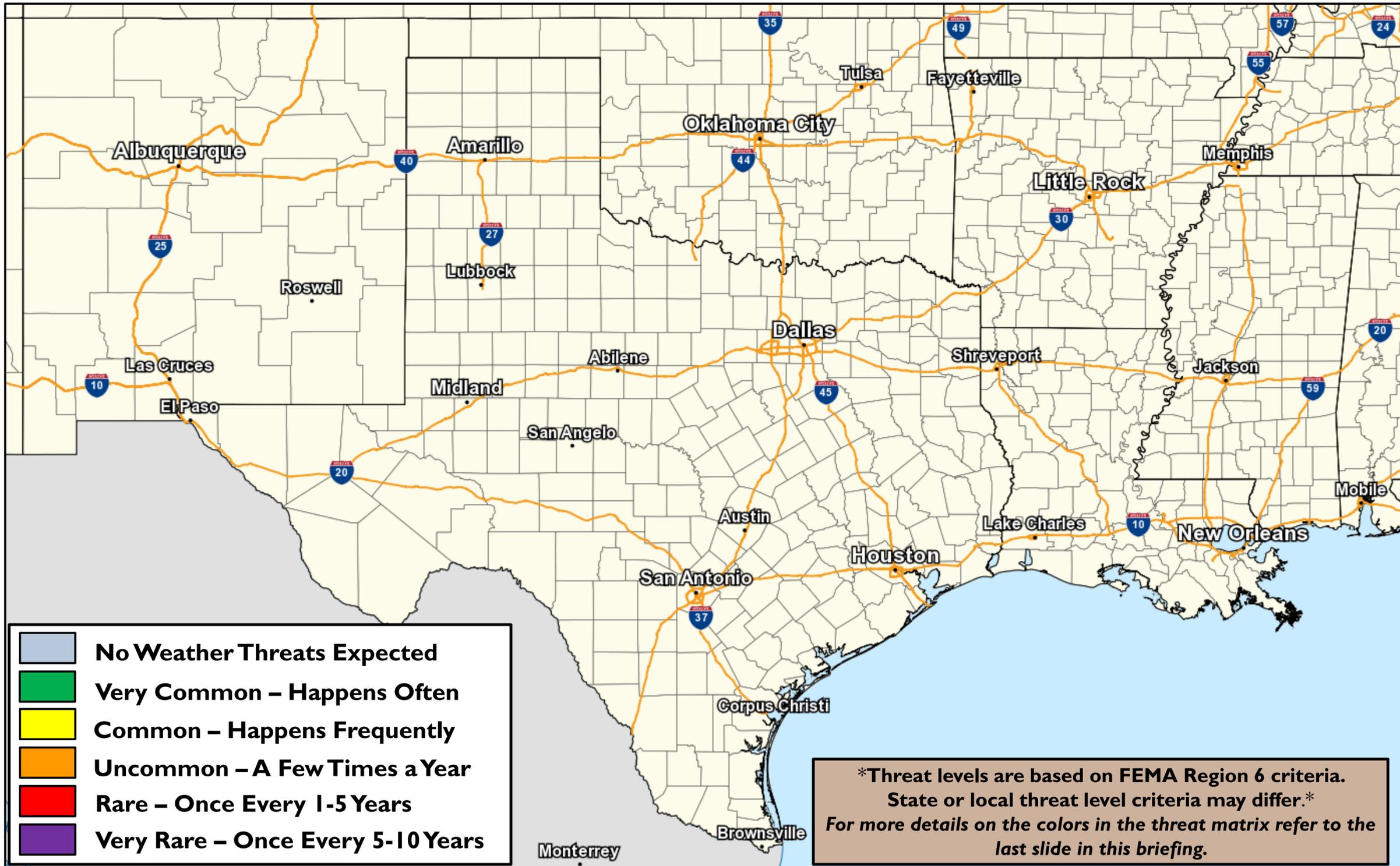
Days 4-5 Weather Hazards

Sunday - Monday



SR ROC
REGIONAL OPERATIONS CENTER

No significant weather expected.

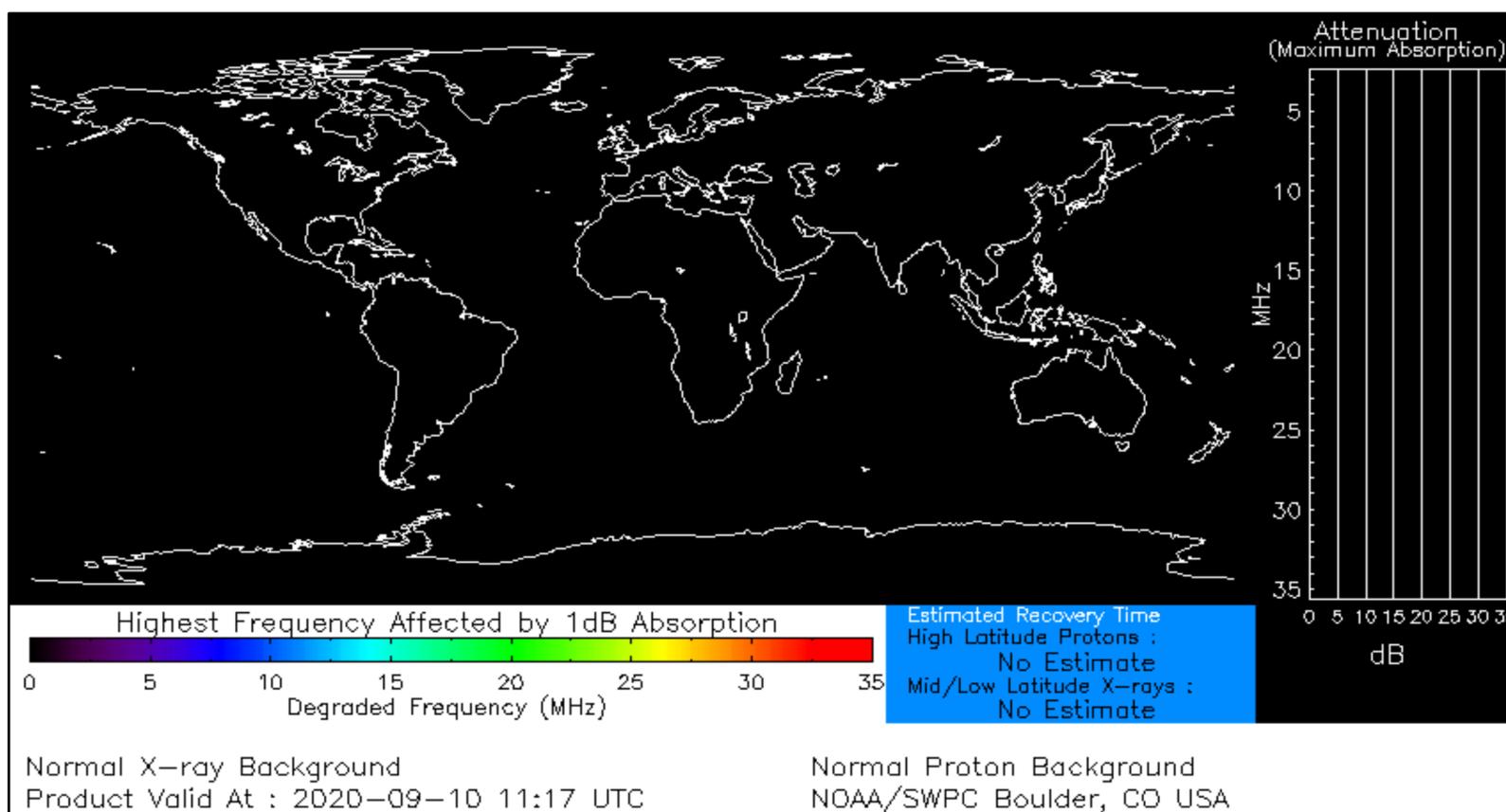


Space Weather 3-Day Forecast



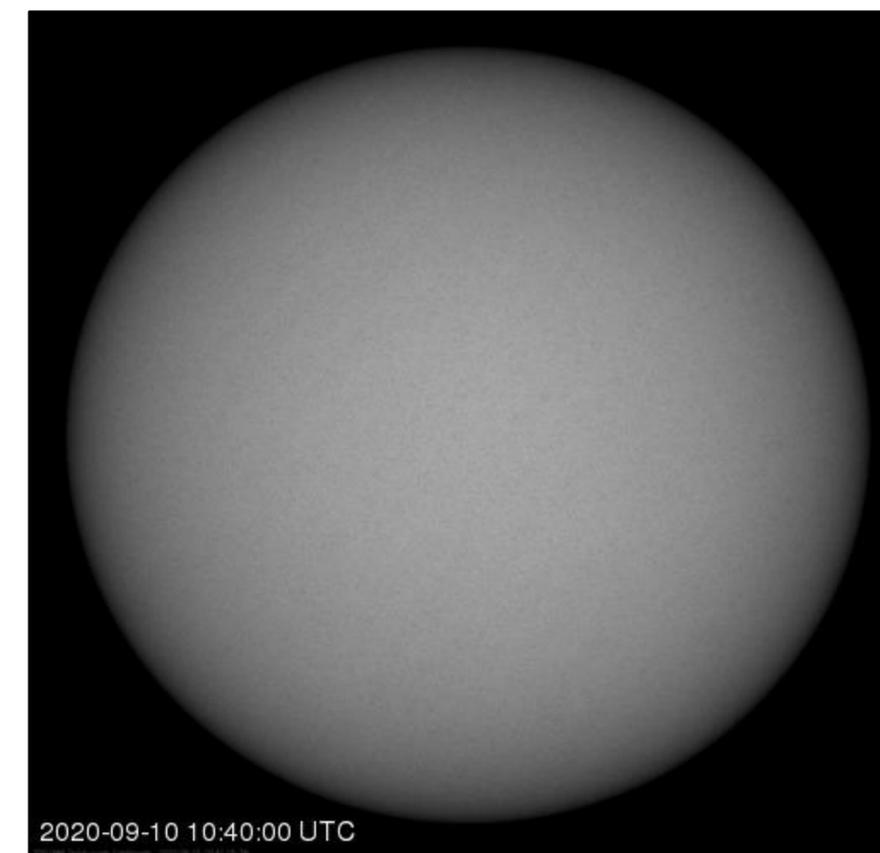
SR ROC
REGIONAL OPERATIONS CENTER

	Thursday	Friday	Saturday
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.