



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Tuesday September 1, 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.



- **Moderate risk of flash flooding today and tomorrow across portions of OK, AR, and N TX.**
- **Heat advisories in effect for much of TX/LA today, possibly lingering into tomorrow for recovery areas in SW LA/SE TX.**
- **Marginal risk of severe storms today for much of TX and AR into N LA, W OK, and E NM.**
- **No impacts expected from TD # 15 as it moves northeastward away from the US Coast.**
 - **Area 1 in the Caribbean has a high chance...80 percent of development in the next five days. No impacts expected.**
 - **Area 2 near the west coast of Africa has a medium chance...40 percent of development in the next five days. No impacts expected in the next 5 days.**

FEMA Region 6 Threat Matrix



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Sep 1, 2020 - Sep 5, 2020

DAY / THREAT	Tue	Wed	Thu	Fri	Sat
Severe Storms	TX,AR, N LA,W OK,E NM				
Heavy Rain / Flash Flooding	OK, N TX,AR	SE OK, N TX,W AR	Central TX into the Arklatex		
Fire Weather					
Tropical Winds / Surge					
Heat	TX, LA	TX, LA			
River Flooding	SW LA,AR, SE TX E OK	SW LA,AR	SW LA,AR	SW LA,AR	SW LA,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.

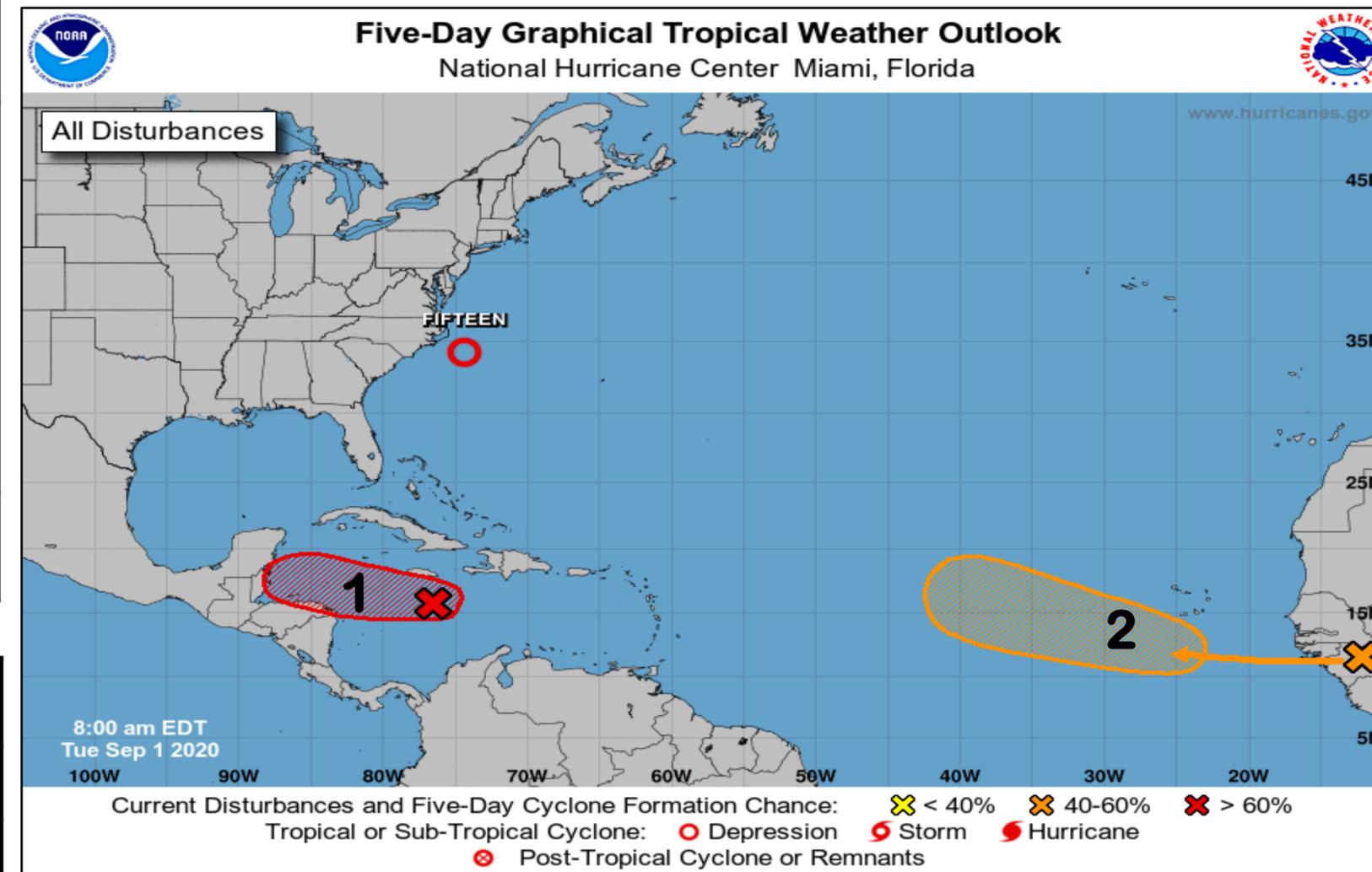


Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	High	None. Likely to become a Tropical Depression or Tropical Storm before making landfall in Central America Wednesday night and then rapidly weakening after landfall.
2	Medium	None in the next 5 days.

Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
TD 15	None. Will move northeastward away from the US Coast.

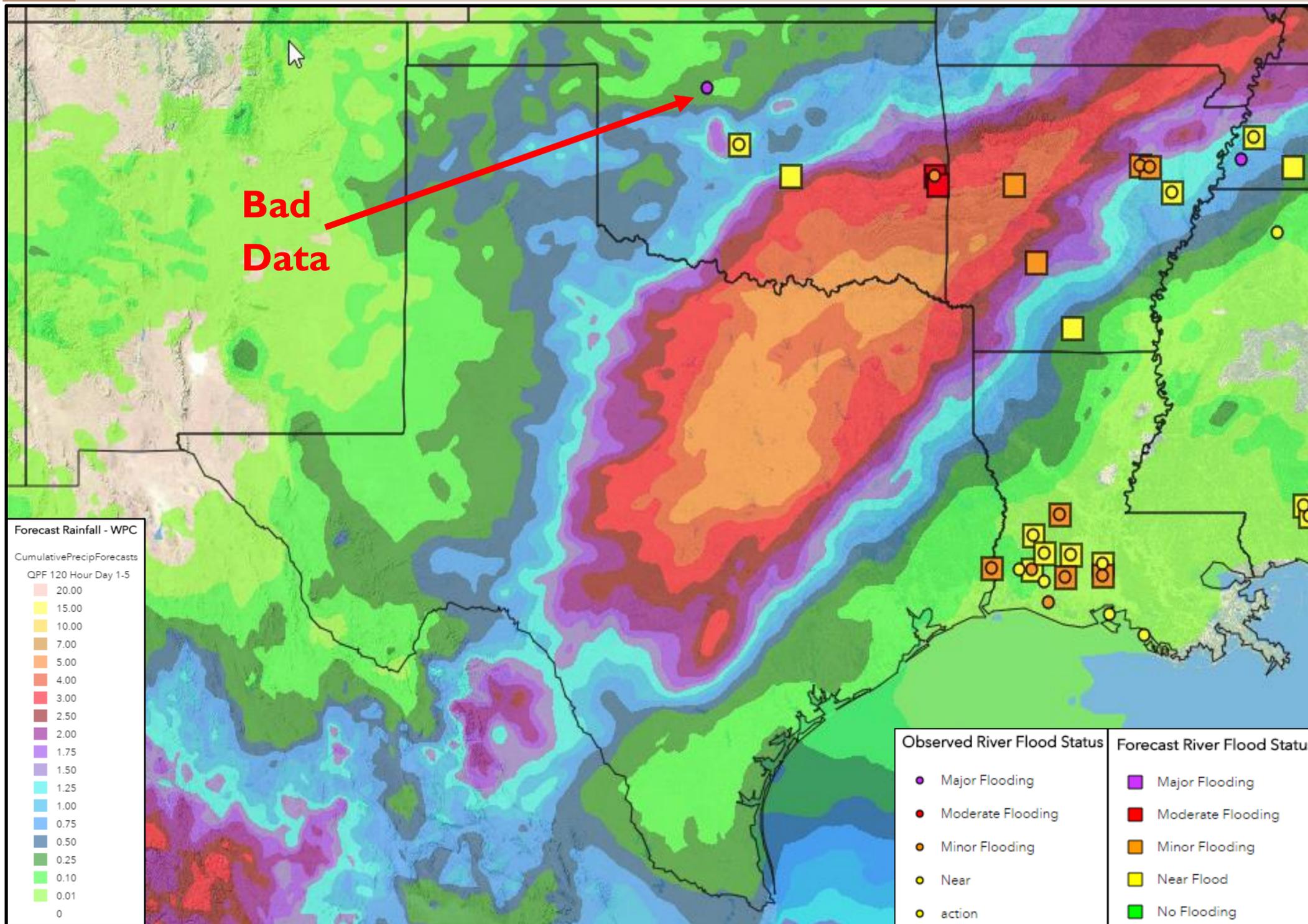


5-Day Precipitation Forecast & River Flood Status



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



Minor river flooding will continue in SW LA and portions of AR throughout this week with no significant impacts. Impacts mostly to recreational areas (camps and parks) and secondary roads.

Isolated, brief moderate river flooding in E OK today due to heavy rain from this morning. Agricultural impacts.

The rain expected today through Wednesday over OK, AR and NTX will be mostly beneficial.

Minor river flooding is possible for the smaller tributaries and for Trinity River at Dallas.

Widespread significant mainstem river flooding is not expected.

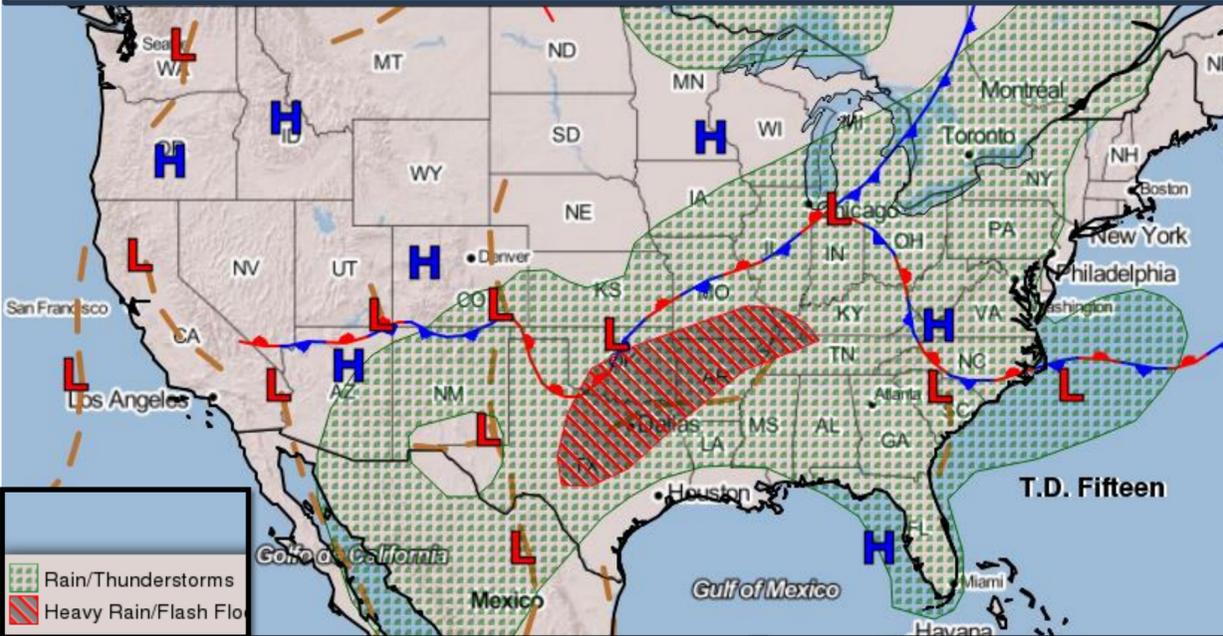
Today's Weather



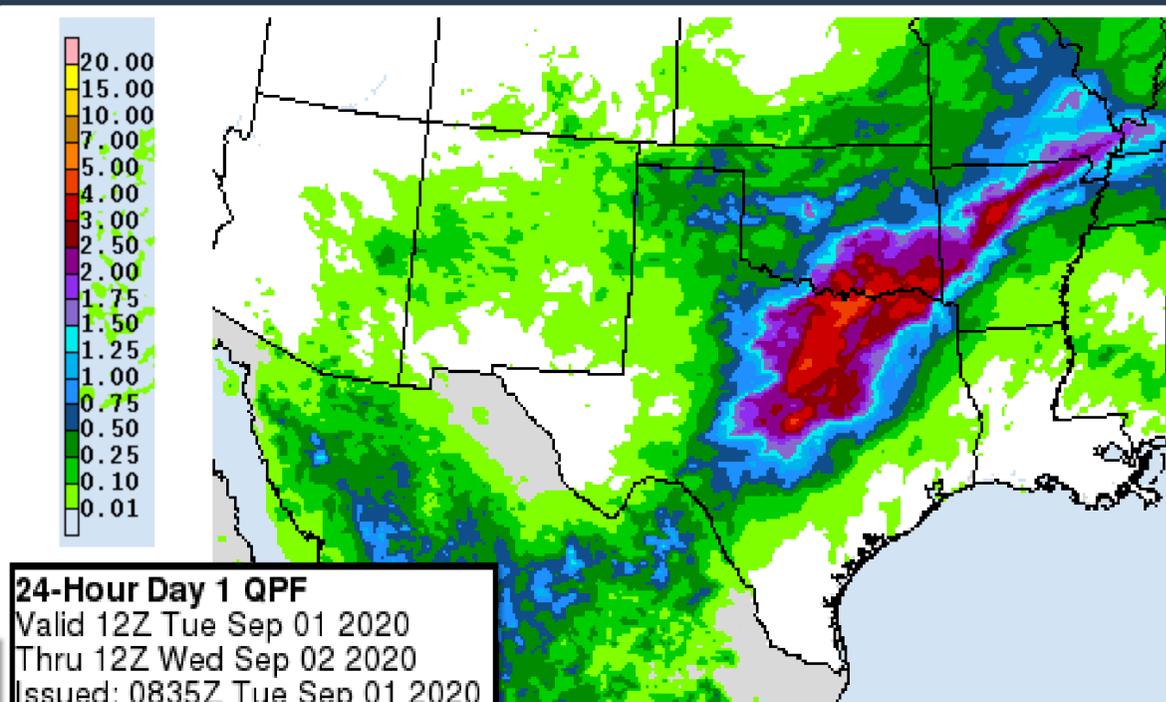
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Forecast Chart

Forecast Rainfall



Weather Valid 8am EDT Tue Sep 01 2020 to 8am EDT Wed Sep 02 2020
Fronts Valid 8am EDT Tue Sep 01 2020
Issued 4:03 AM EDT Tue, Sep 01, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli with WPC/SPC/NHC forecasts.



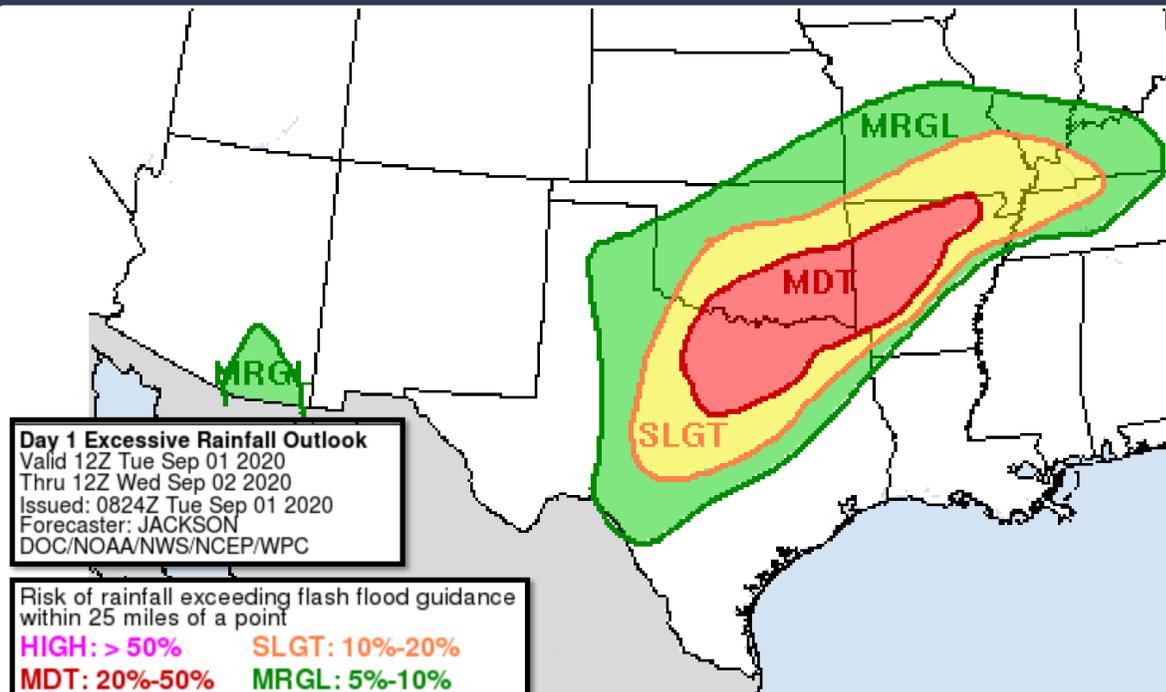
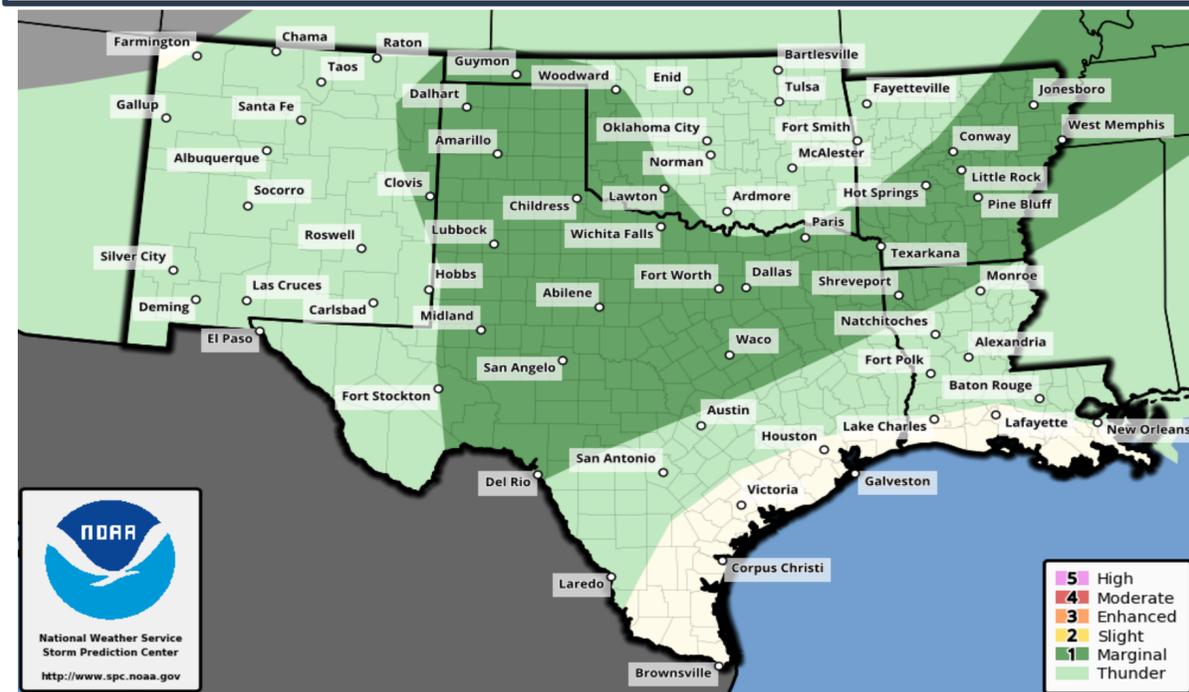
24-Hour Day 1 QPF
Valid 12Z Tue Sep 01 2020
Thru 12Z Wed Sep 02 2020
Issued: 0835Z Tue Sep 01 2020

Marginal risk of severe storms for much of TX and AR into N LA, W OK, and E NM; Damaging winds and hail are the main threats.

Moderate risk of heavy rain/flash flooding for OK, N TX, and AR. Areas of flash flooding are likely.

Severe Weather Outlook

Excessive Rainfall Outlook



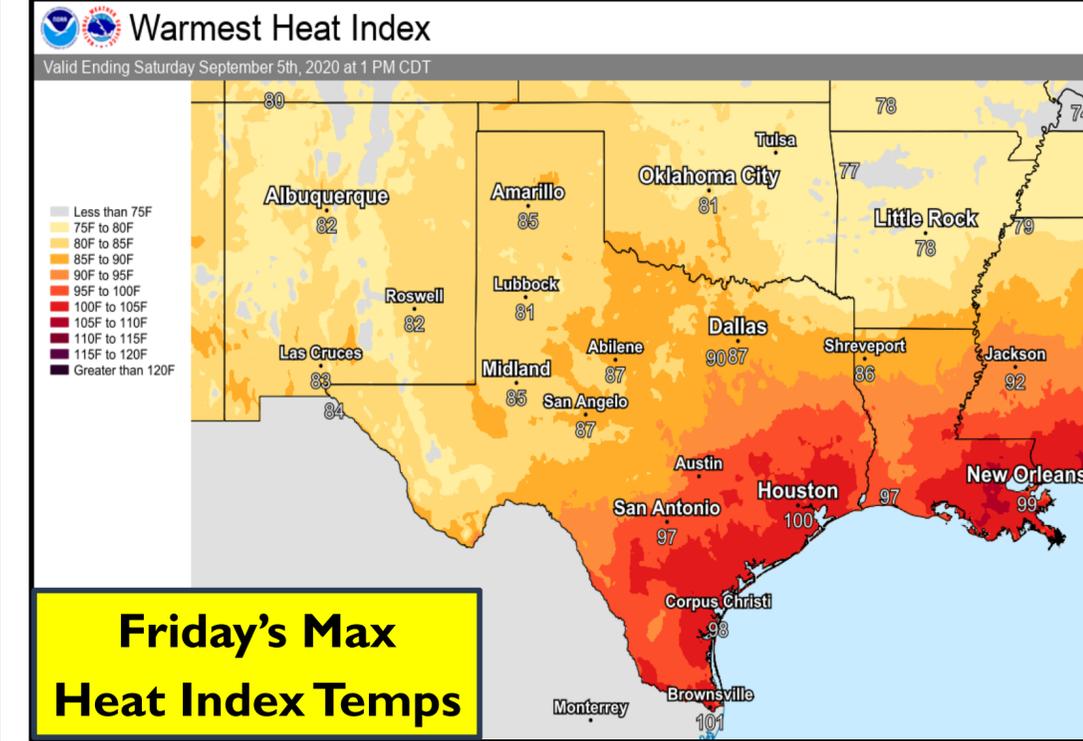
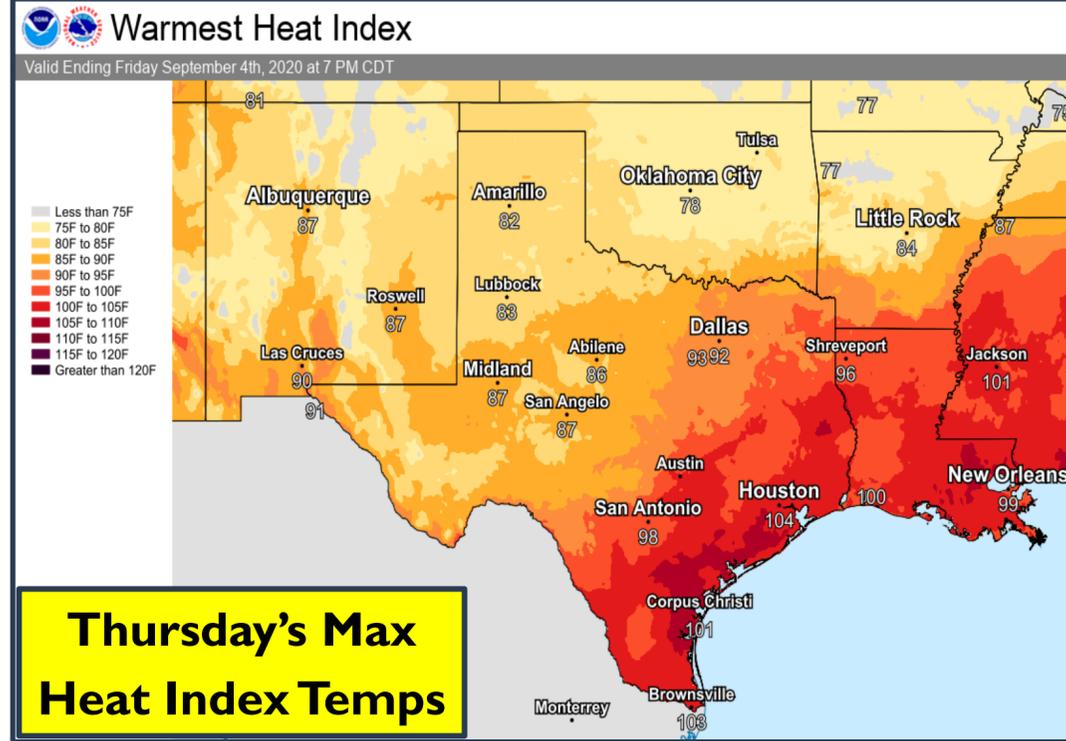
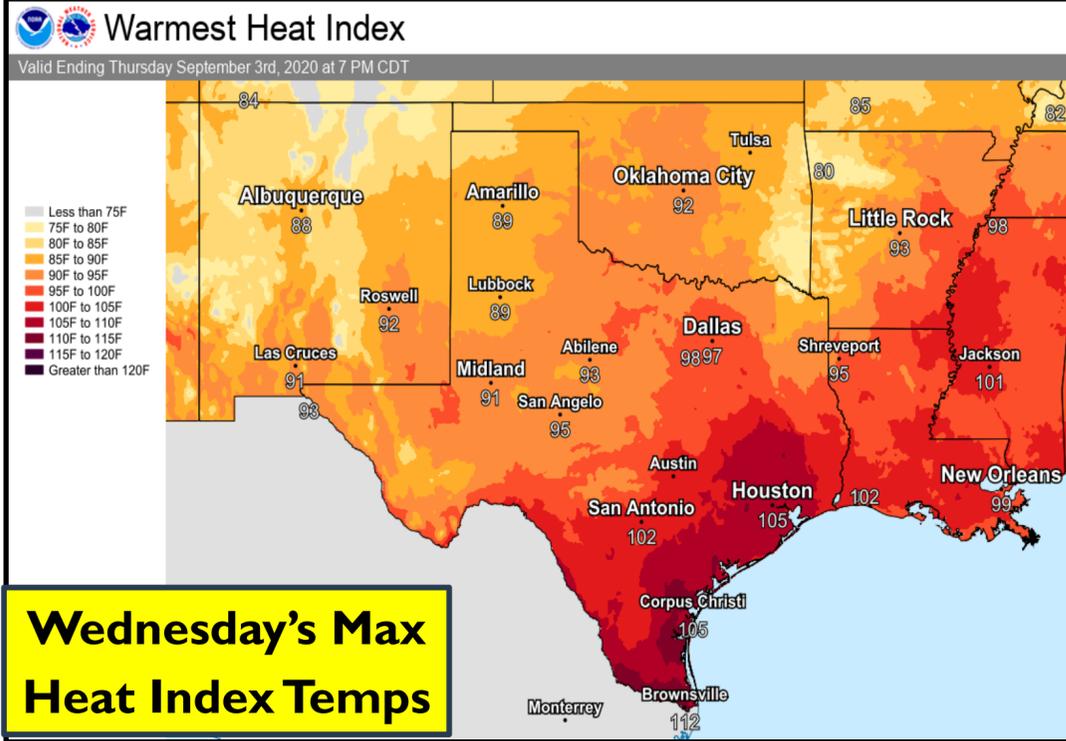
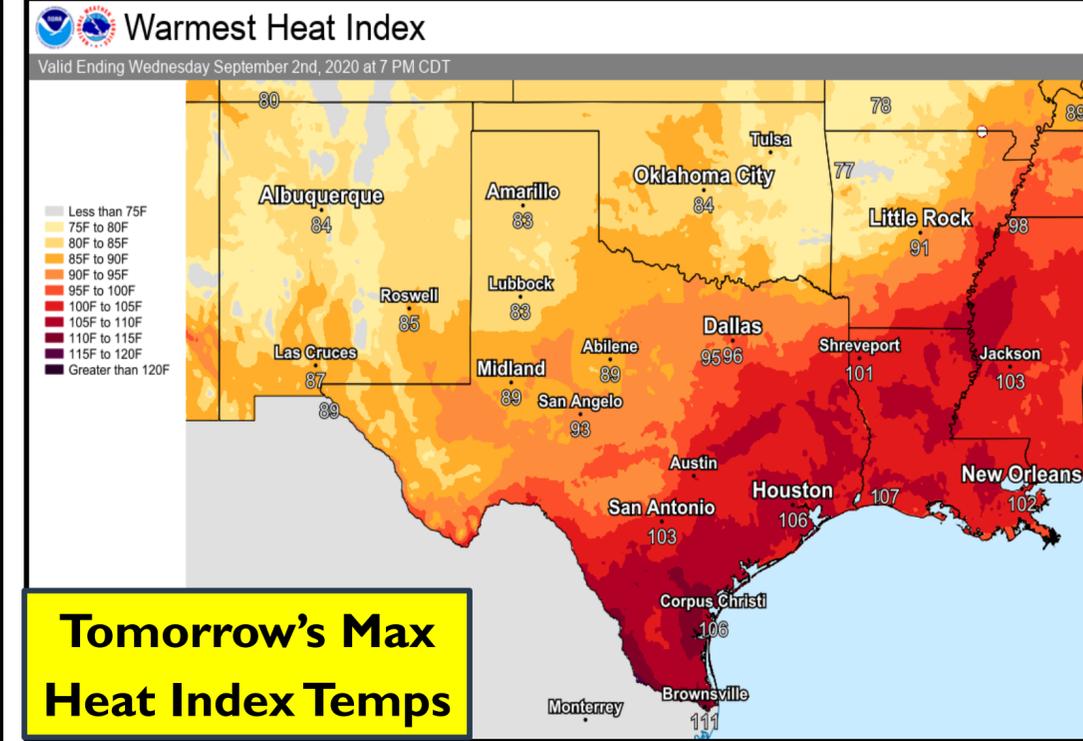
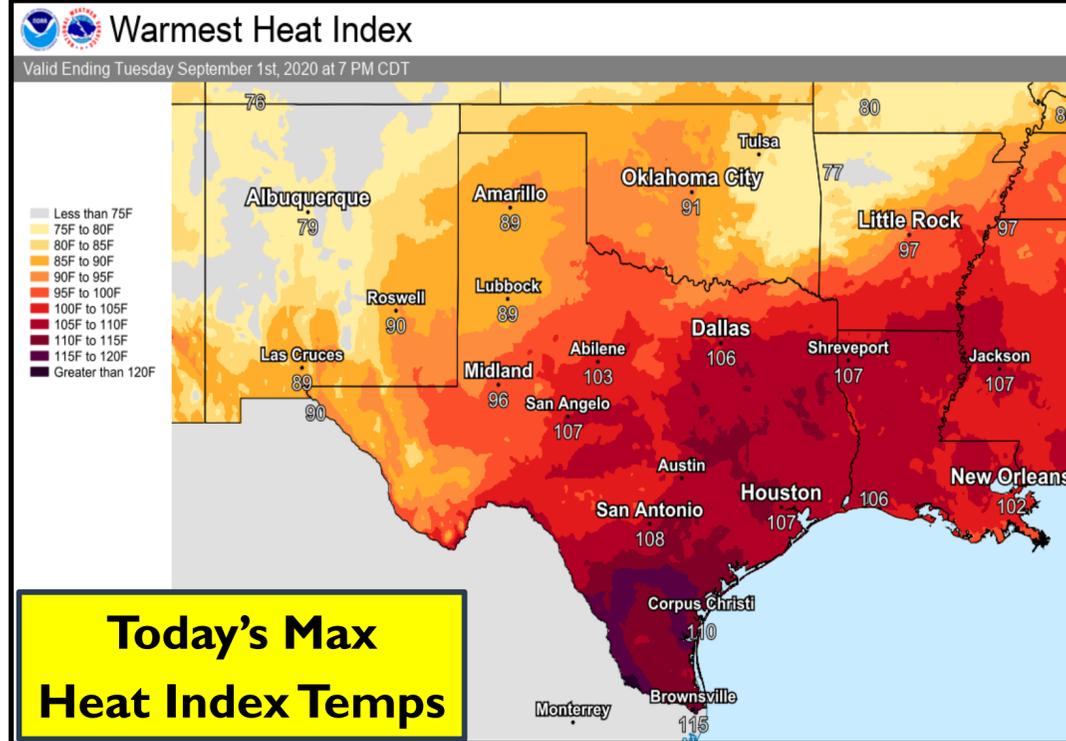
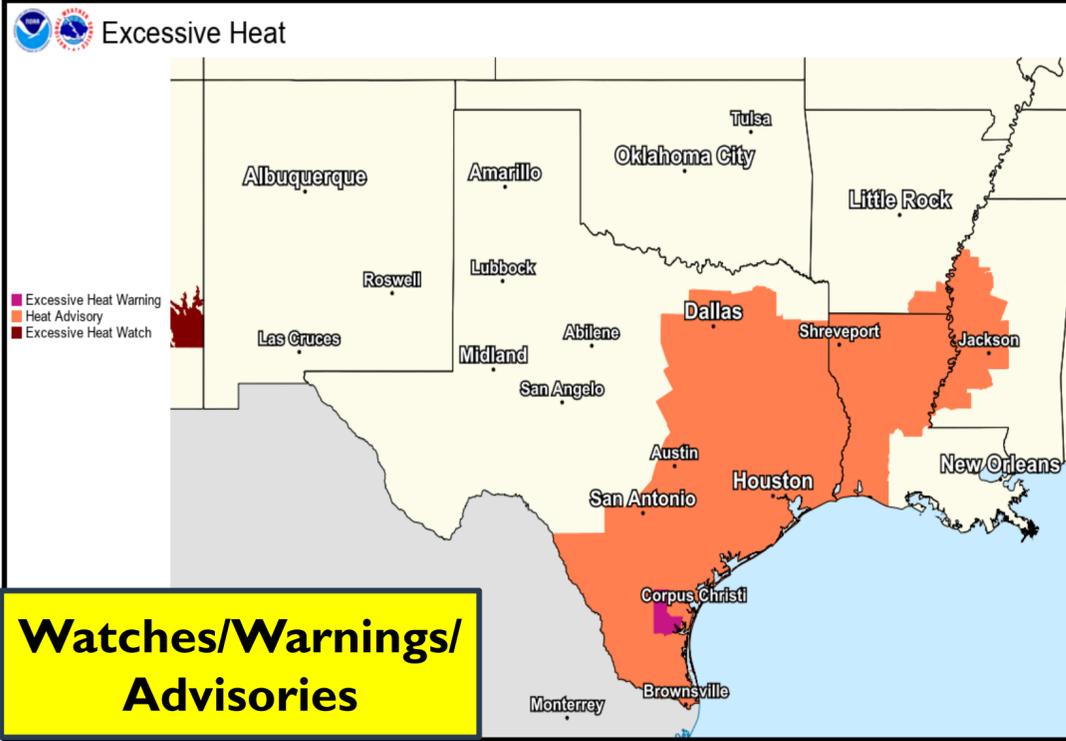
Day 1 Excessive Rainfall Outlook
Valid 12Z Tue Sep 01 2020
Thru 12Z Wed Sep 02 2020
Issued: 0824Z Tue Sep 01 2020
Forecaster: JACKSON
DOC/NOAA/NWS/NCEP/WPC

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 Heat Outlook



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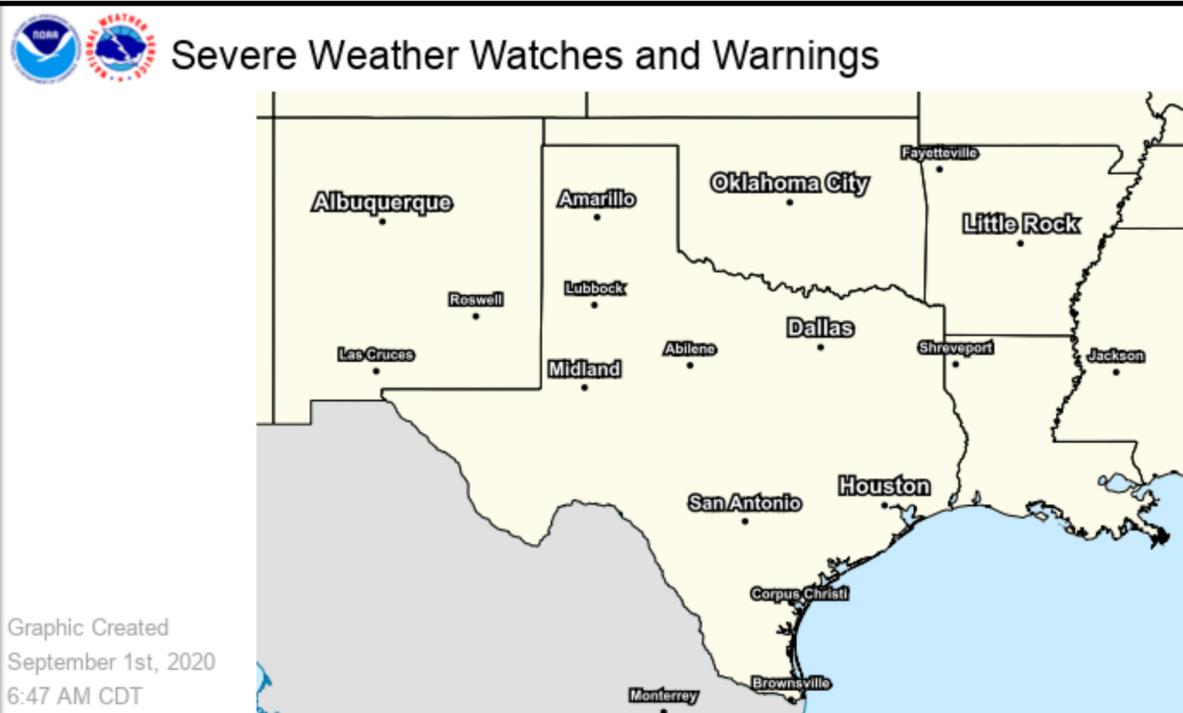


Watches, Warnings, and Advisories

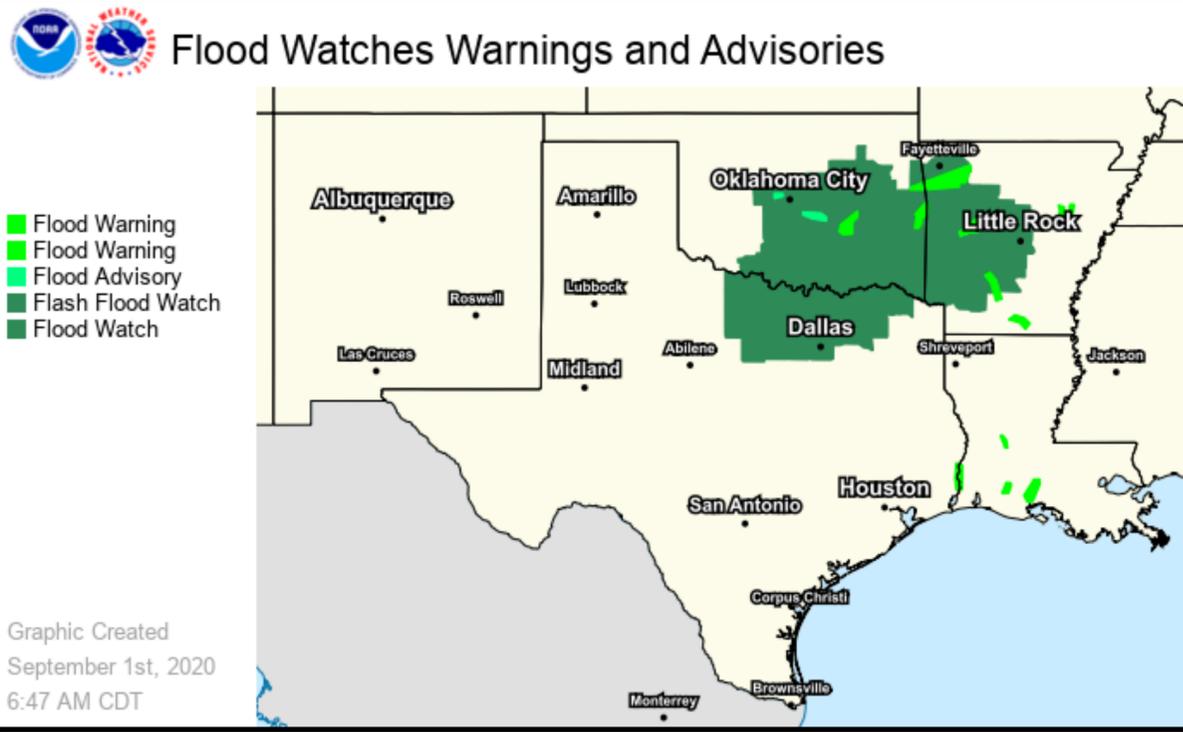
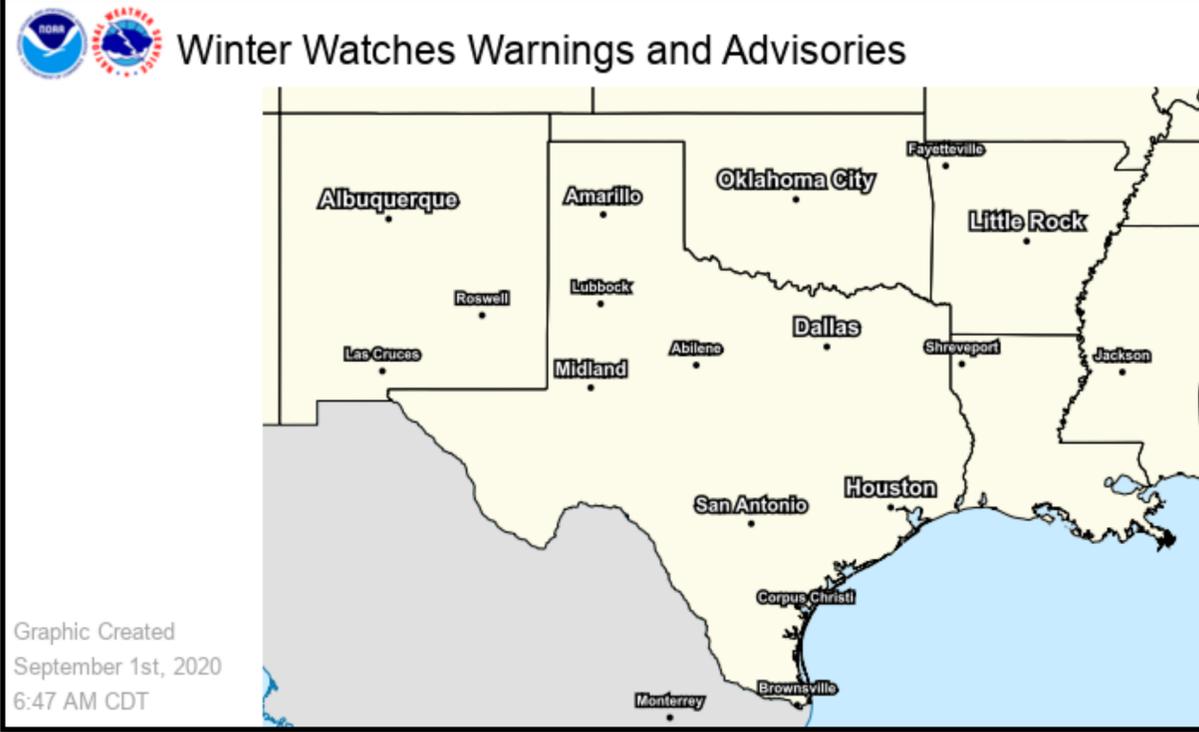


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Wind, Severe, Winter, and Flood Hazards



Flash Flood Watches in effect for today and tomorrow for portions of OK, AR, and NTX.

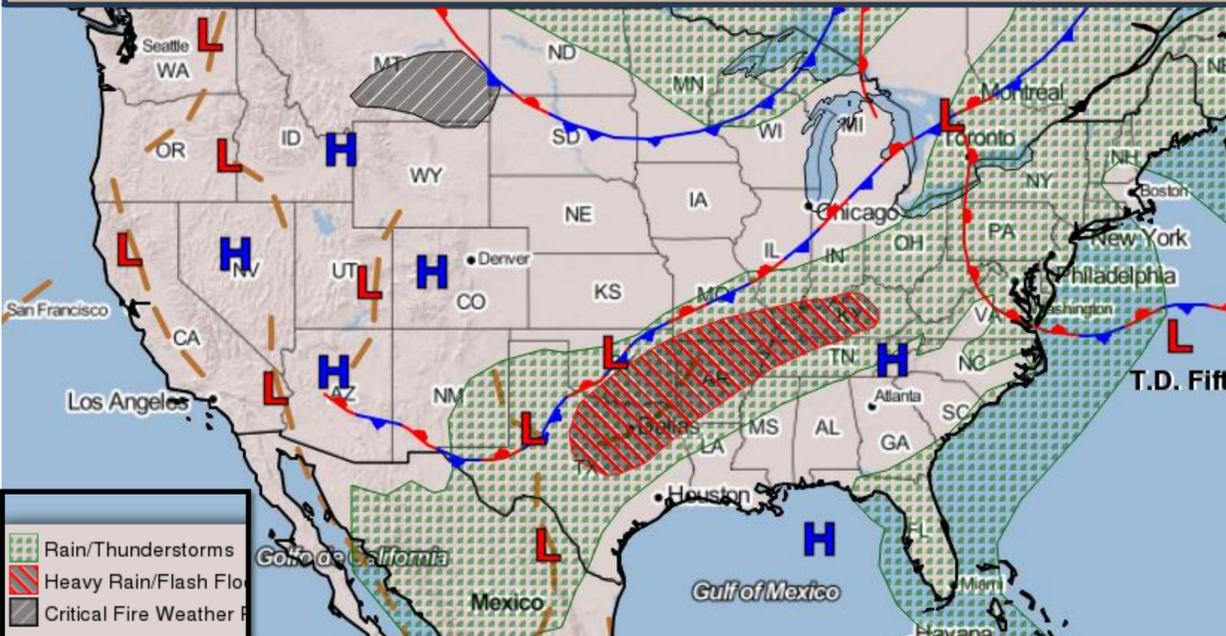


Tomorrow's Weather



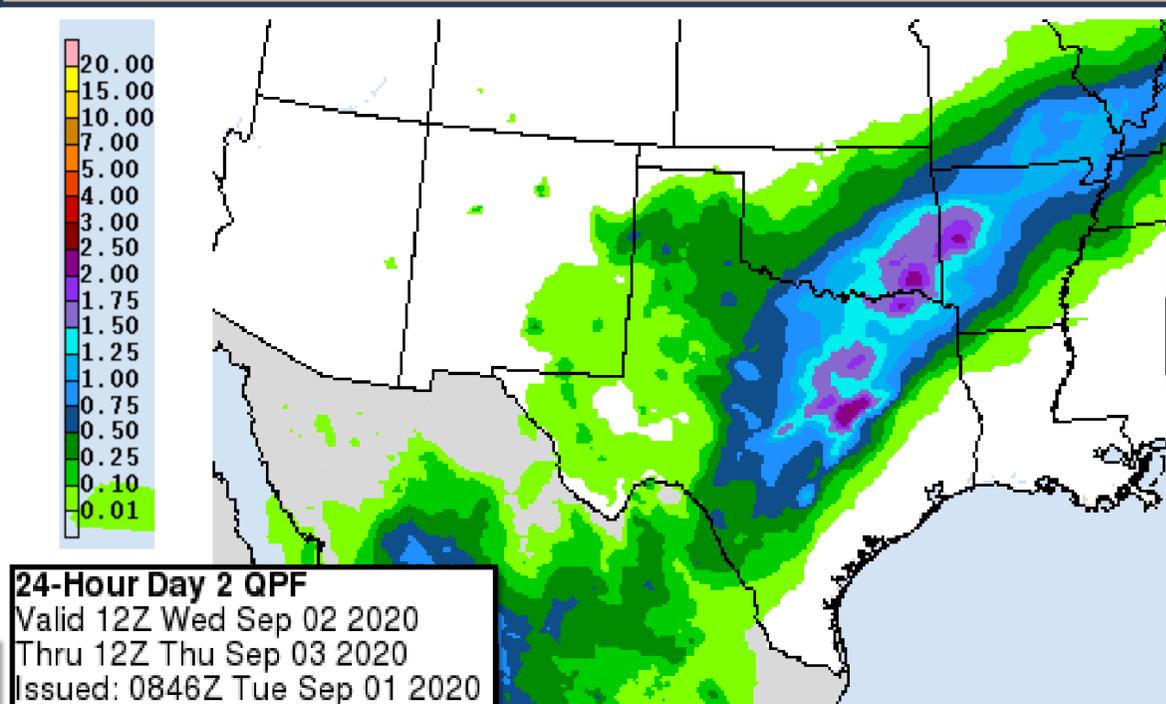
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Forecast Chart



Weather Valid 8am EDT Wed Sep 02 2020 to 8am EDT Thu Sep 03 2020
Fronts Valid 8am EDT Wed Sep 02 2020
Issued 4:46 AM EDT Tue, Sep 01, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Roth with WPC/SPC/NHC forecasts.

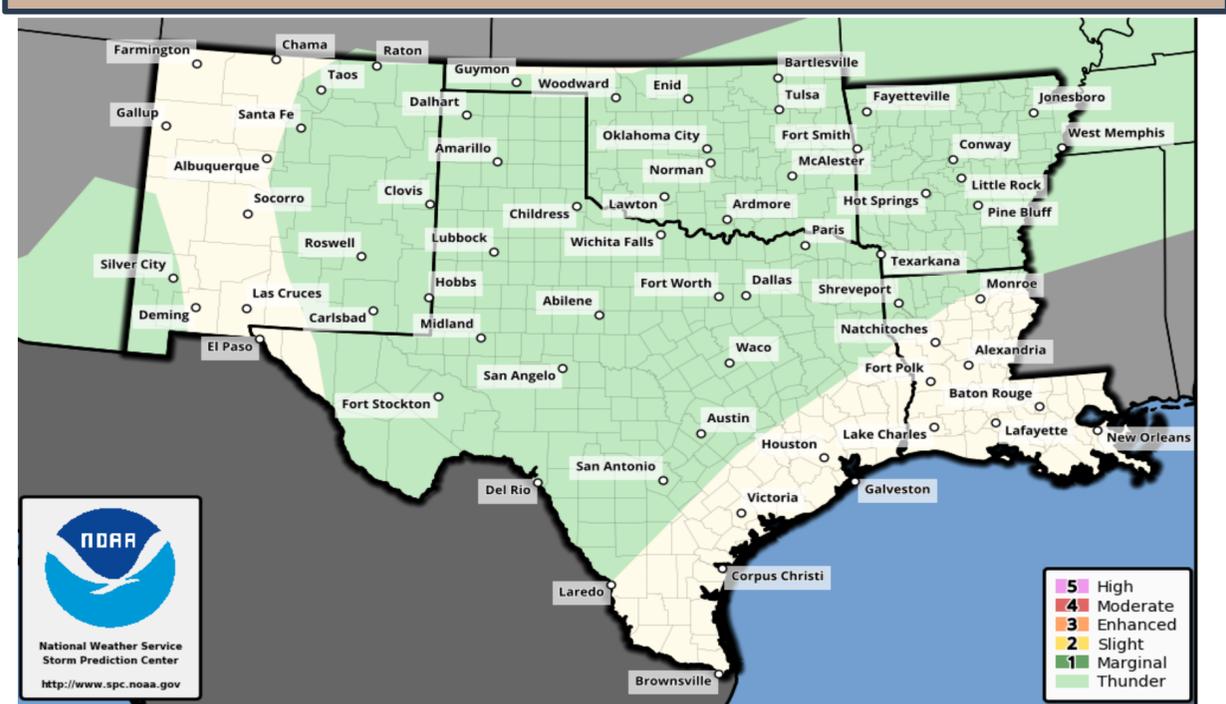
Forecast Rainfall



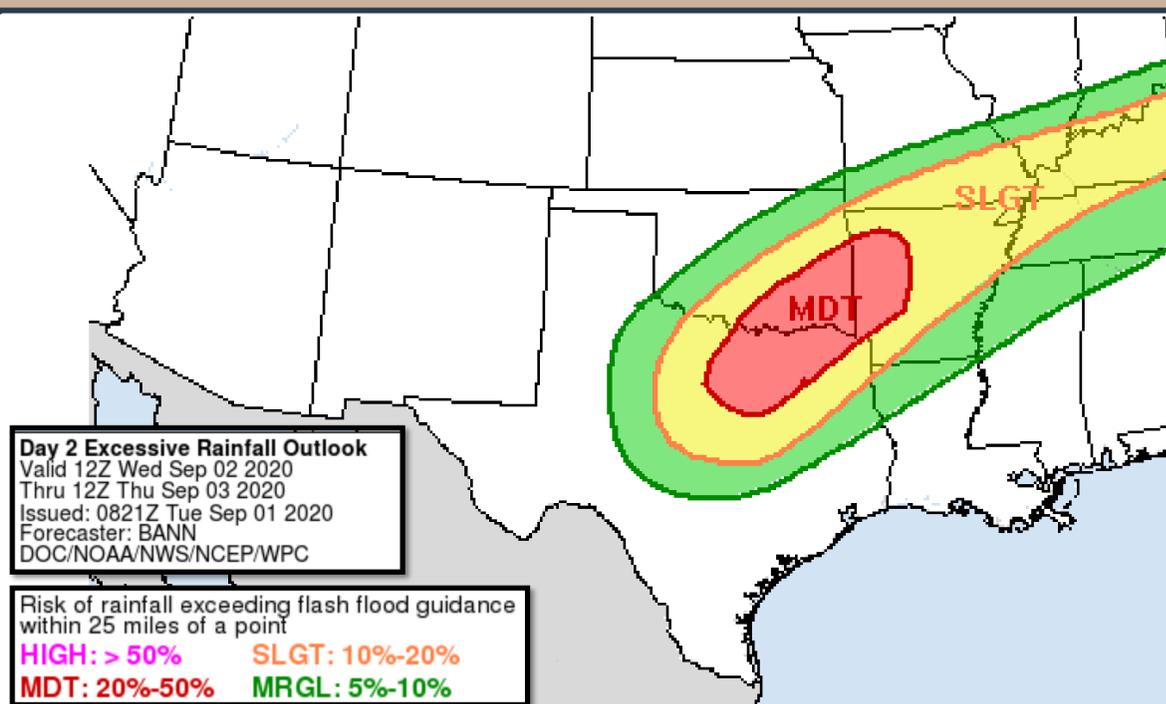
24-Hour Day 2 QPF
Valid 12Z Wed Sep 02 2020
Thru 12Z Thu Sep 03 2020
Issued: 0846Z Tue Sep 01 2020

Moderate risk of heavy rain/flash flooding for SE OK, N TX, and W AR. Areas of flash flooding are likely.

Severe Weather Outlook



Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Wed Sep 02 2020
Thru 12Z Thu Sep 03 2020
Issued: 0821Z Tue Sep 01 2020
Forecaster: BANN
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%**

Thursday's Weather

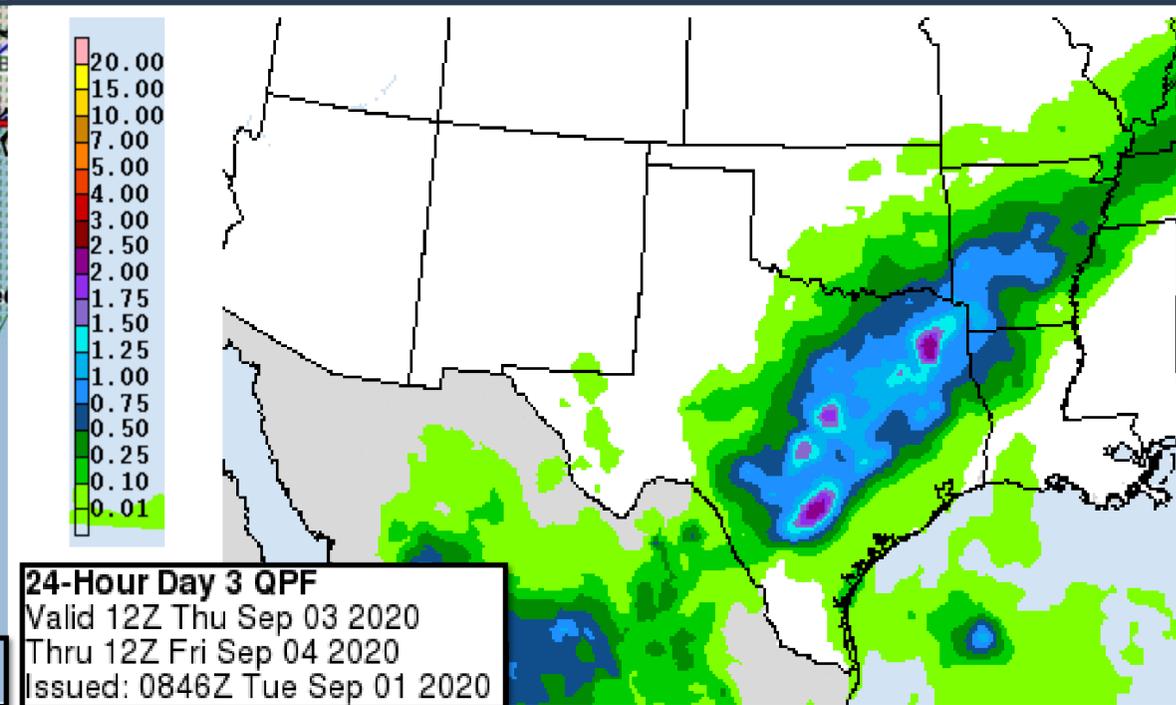
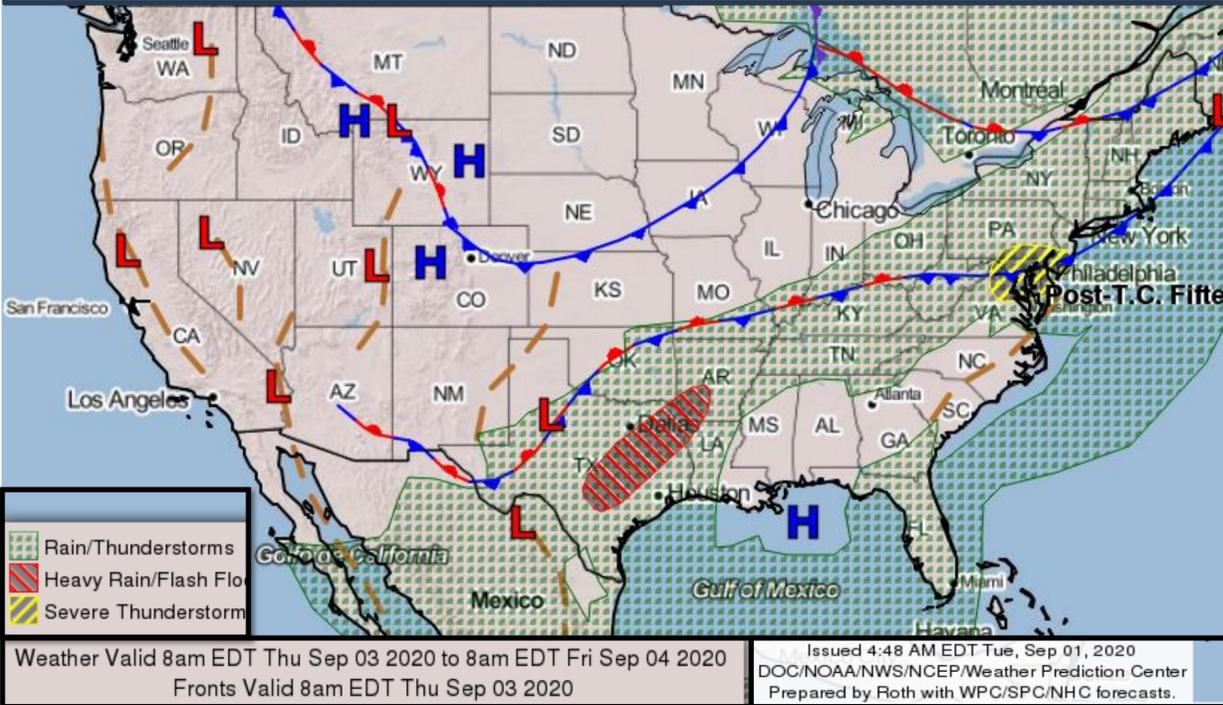


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Forecast Chart

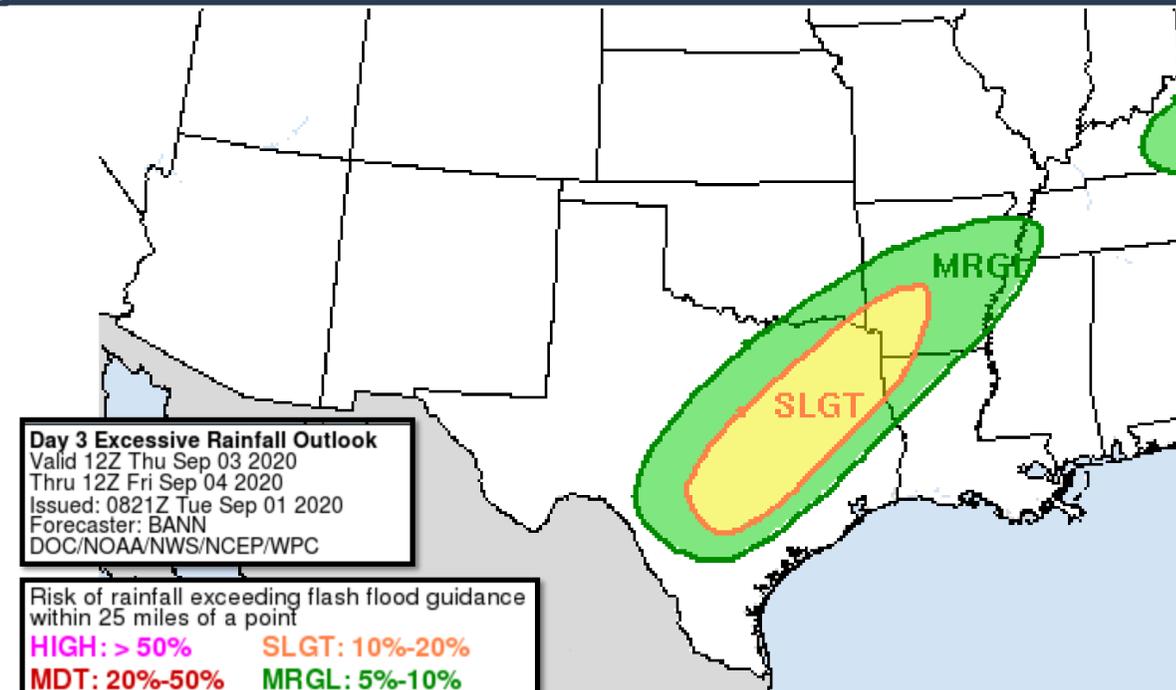
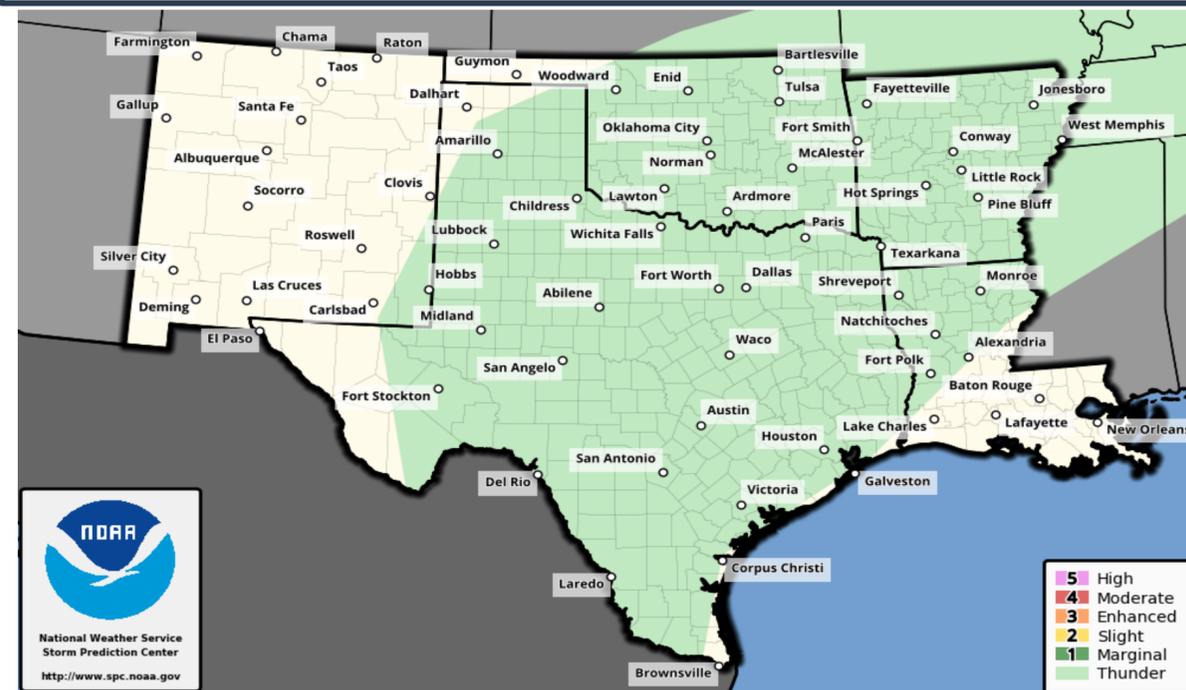
Forecast Rainfall

Slight risk of heavy rain/flash flooding for Central TX into the Arklatex.



Severe Weather Outlook

Excessive Rainfall Outlook



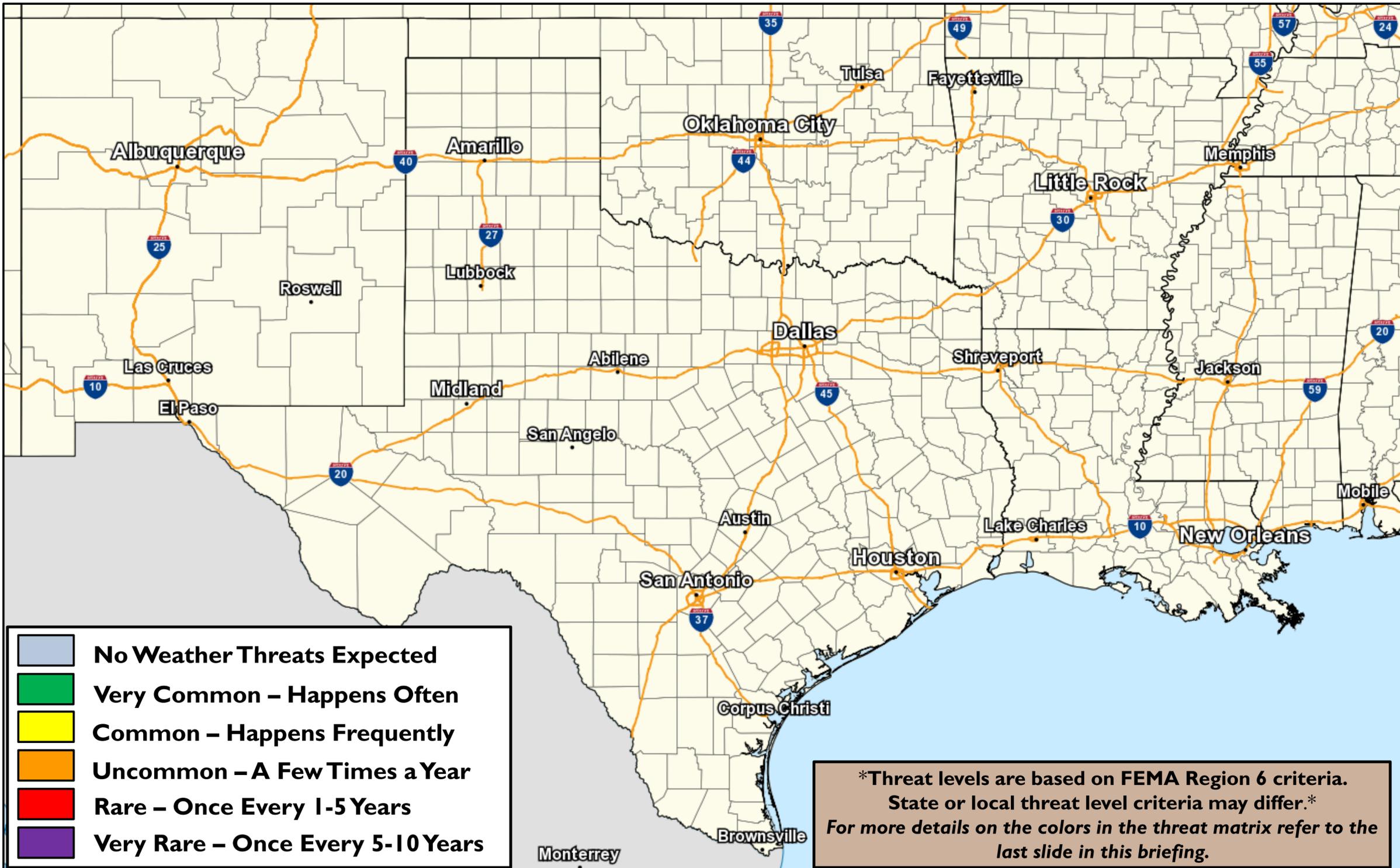
Days 4-5 Weather Hazards

Friday - Saturday



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No significant impacts expected.

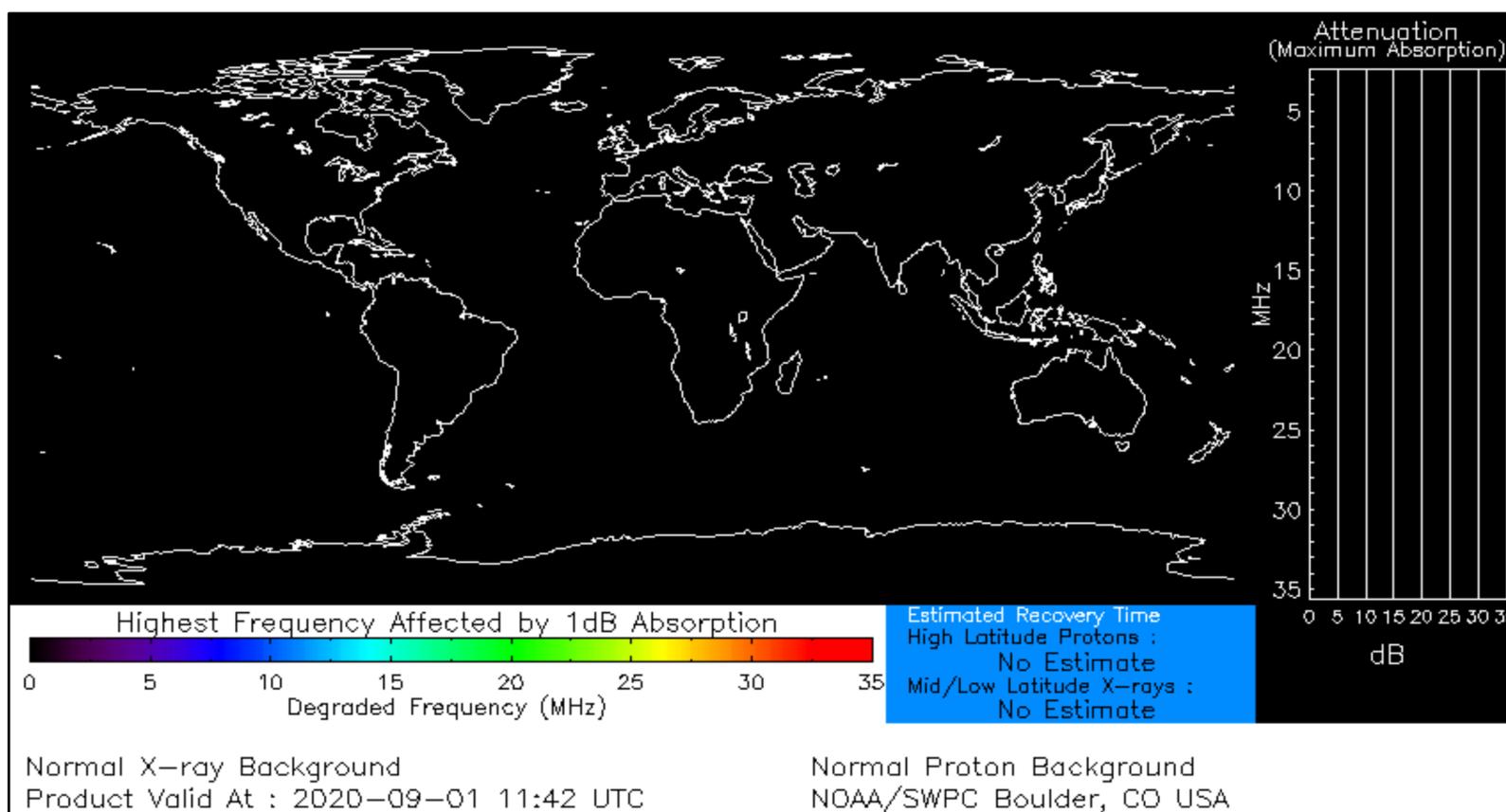


Space Weather 3-Day Forecast



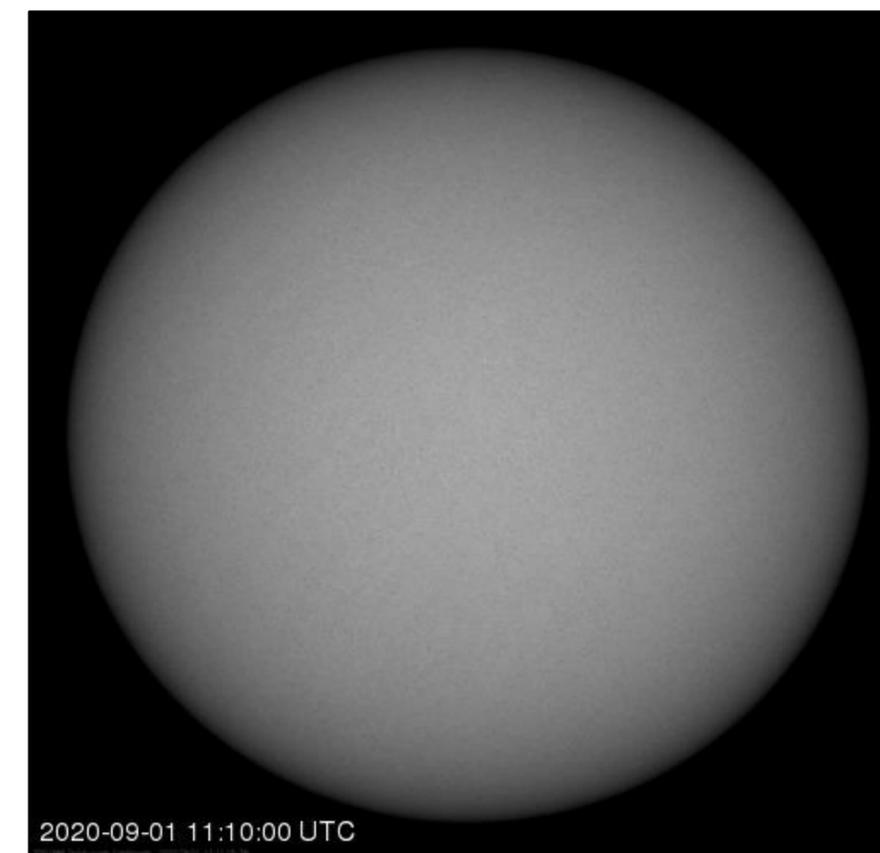
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	Tuesday	Wednesday	Thursday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[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.