



FEMA



Prepared by  
Todd Beal

# FEMA Region 6 Weather Threat Briefing

Friday September 4, 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](http://www.weather.gov/srh).



- **Isolated heavy rain/flash flooding today across parts of TX and NW LA.**
- **Heavy rainfall threat may return early next week across parts of TX/OK.**
- **Tropical Weather Outlook**
  - **Area 1 in the north-central Atlantic has a low chance (20%) of development in the next 5 days. No impacts to FEMA VI.**
  - **Area 2 in the eastern Atlantic has a medium chance (40%) of development in the next five days. No impacts expected at this time.**
  - **Area 3 near the Cabo Verde Islands has a high chance (70%) of development in the next five days. No impacts expected at this time.**
  - **Area 4 to move off the coast of Africa over the weekend has a medium chance (50%) of development in the next 5 days. No impacts expected at this time.**

# FEMA Region 6 Threat Matrix

Sep 4, 2020 - Sep 8, 2020



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DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms					
Heavy Rain / Flash Flooding	TX/NW LA				TX/OK
Fire Weather					
Tropical Winds / Surge					
Winter Weather					
River Flooding	S LA,AR, OK,TX	S LA,AR	S LA,AR	S LA,AR	S 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.*

# Tropical Weather Outlook – Atlantic/Gulf



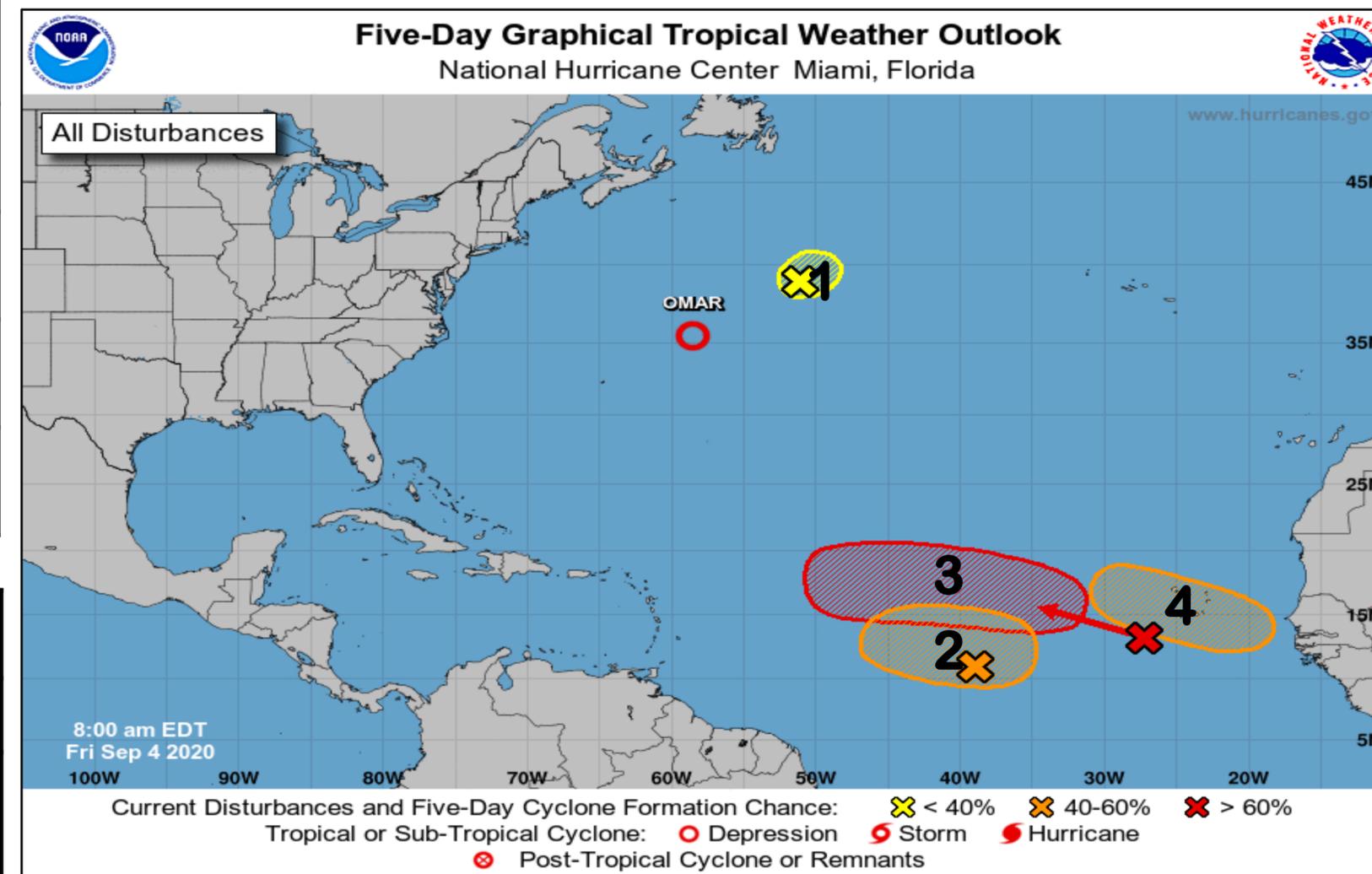
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## Areas of Possible Development

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

## Active Tropical Cyclones

Storm	Potential Impacts to FEMA 6
Omar	None.

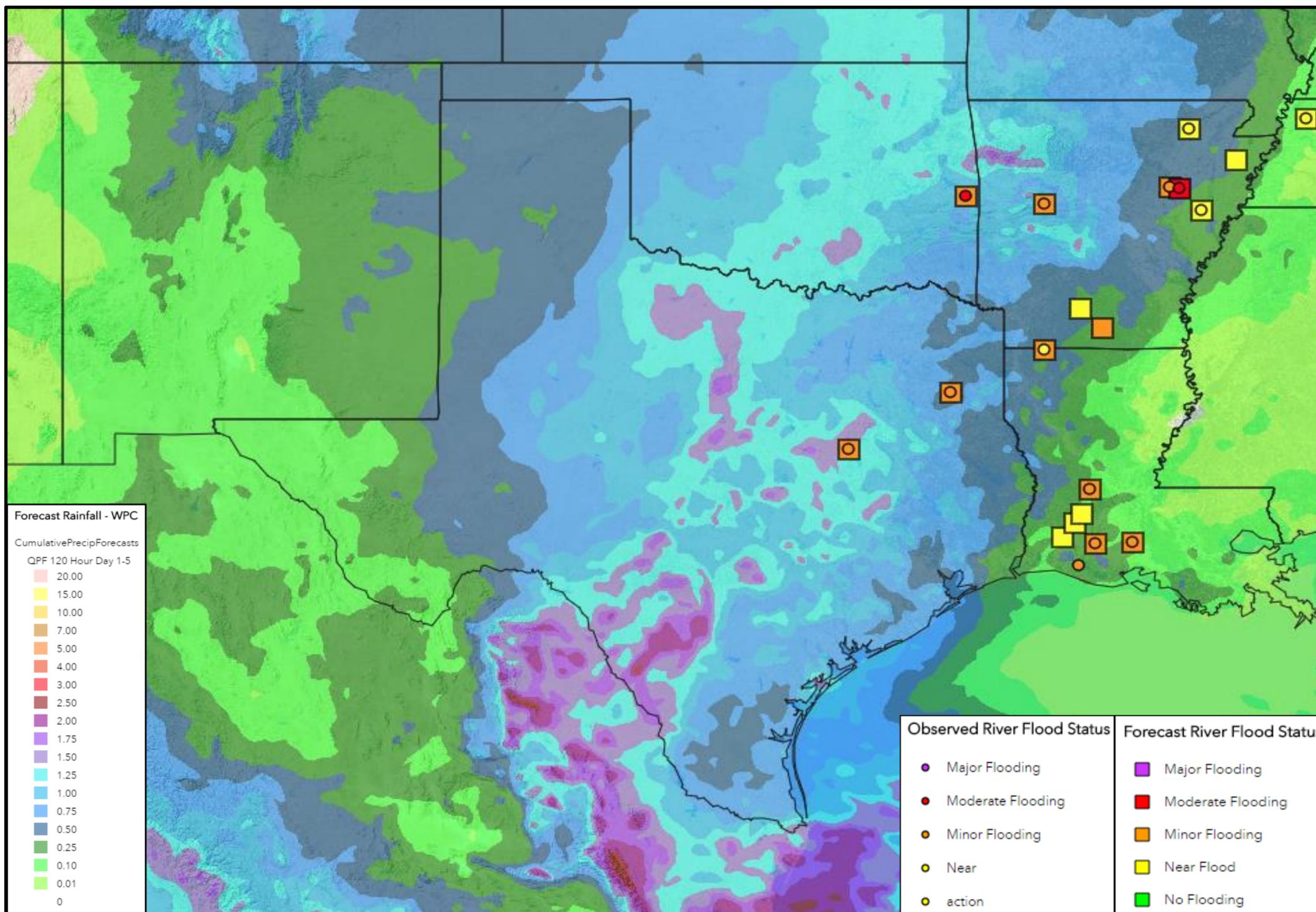


# 5-Day Precipitation Forecast & River Flood Status



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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 S LA into next week with no significant impacts. Impacts mostly to recreational areas (camps and parks) and secondary roads.**

**Minor river flooding continues today in E OK and TX with no significant impacts.**

**Isolated moderate river flooding will continue in AR. The Cache River at Patterson remains in moderate flood. Many acres of cropland, pastures, and timberland flooded in Craighead, Jackson, and Woodruff counties. Recreational areas and roadways will flood. Water near homes on Pine Street in Patterson.**

# Today's Weather

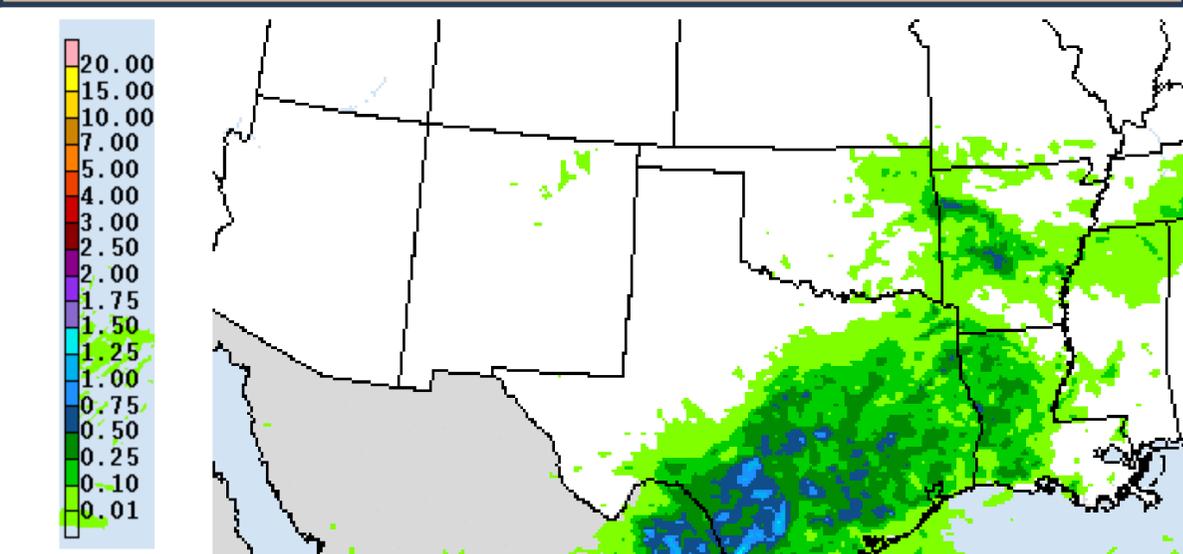
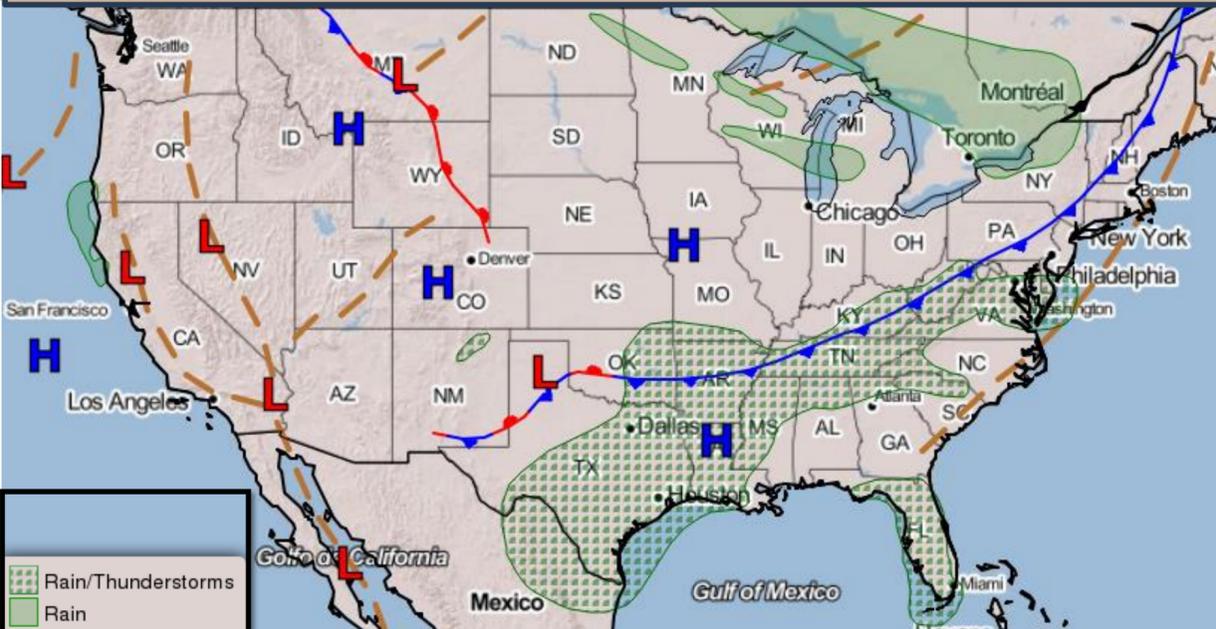


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## Forecast Chart

## Forecast Rainfall

**Isolated heavy rain/flash flooding across parts of TX into NW LA.**

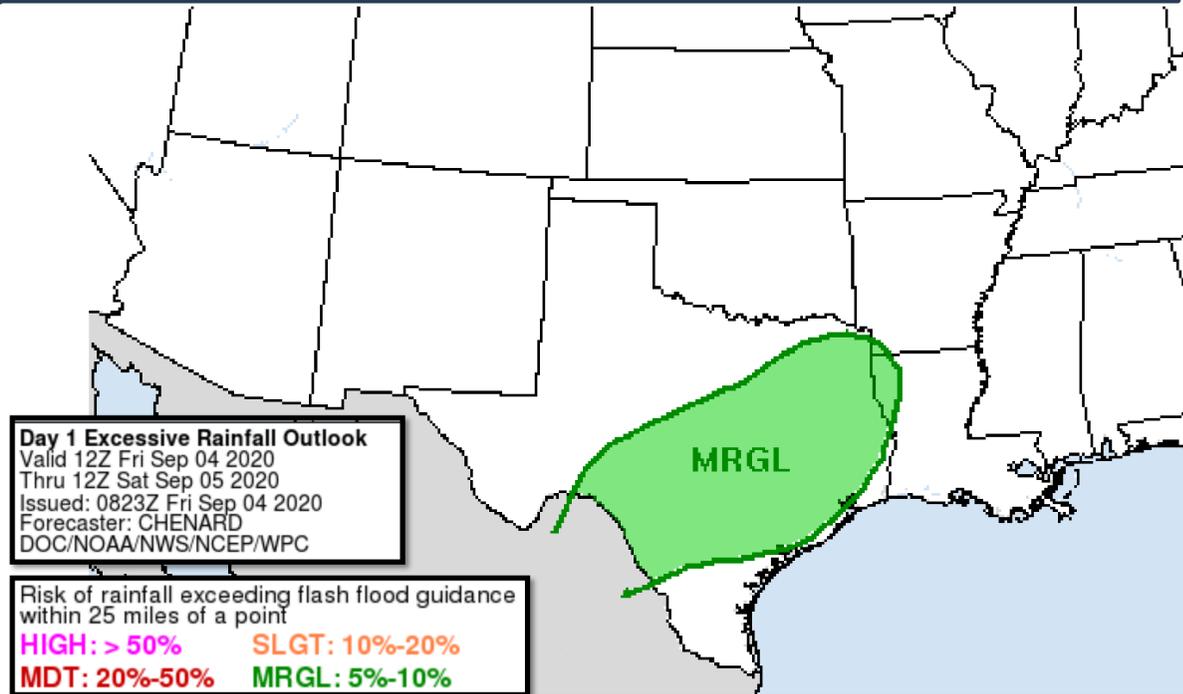
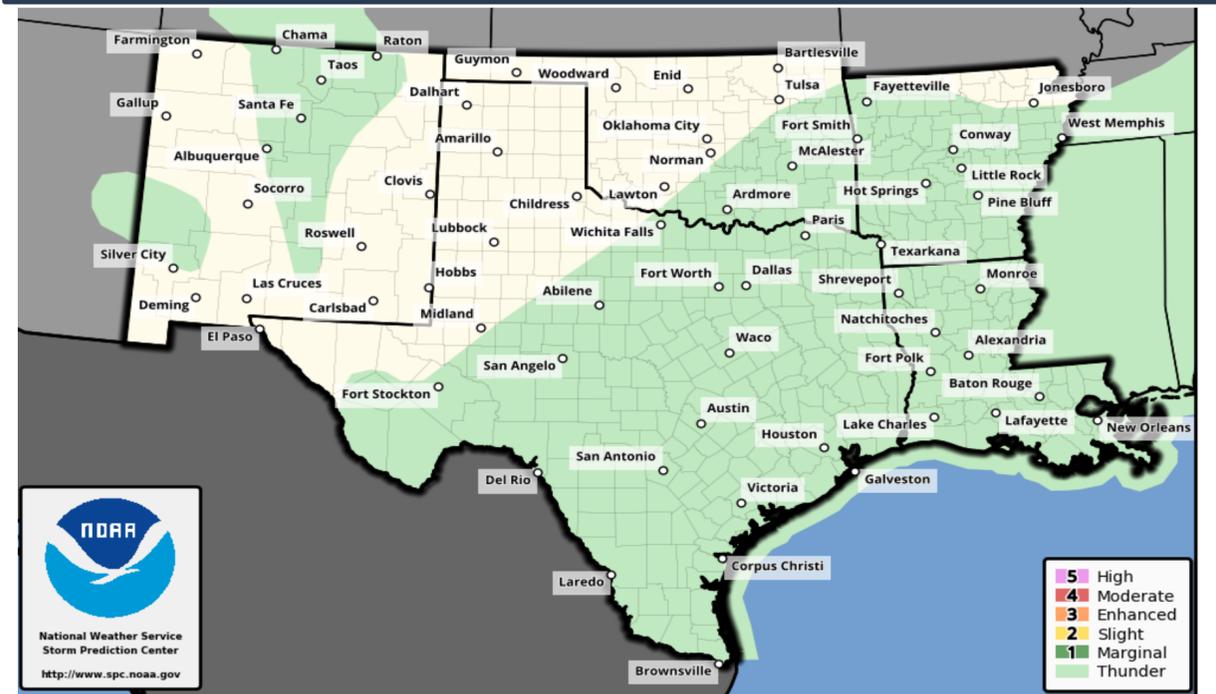


Weather Valid 8am EDT Fri Sep 04 2020 to 8am EDT Sat Sep 05 2020  
 Fronts Valid 8am EDT Fri Sep 04 2020  
 Issued 4:52 AM EDT Fri, Sep 04, 2020  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Tate with WPC/SPC/NHC forecasts.

24-Hour Day 1 QPF  
 Valid 12Z Fri Sep 04 2020  
 Thru 12Z Sat Sep 05 2020  
 Issued: 0838Z Fri Sep 04 2020

## Severe Weather Outlook

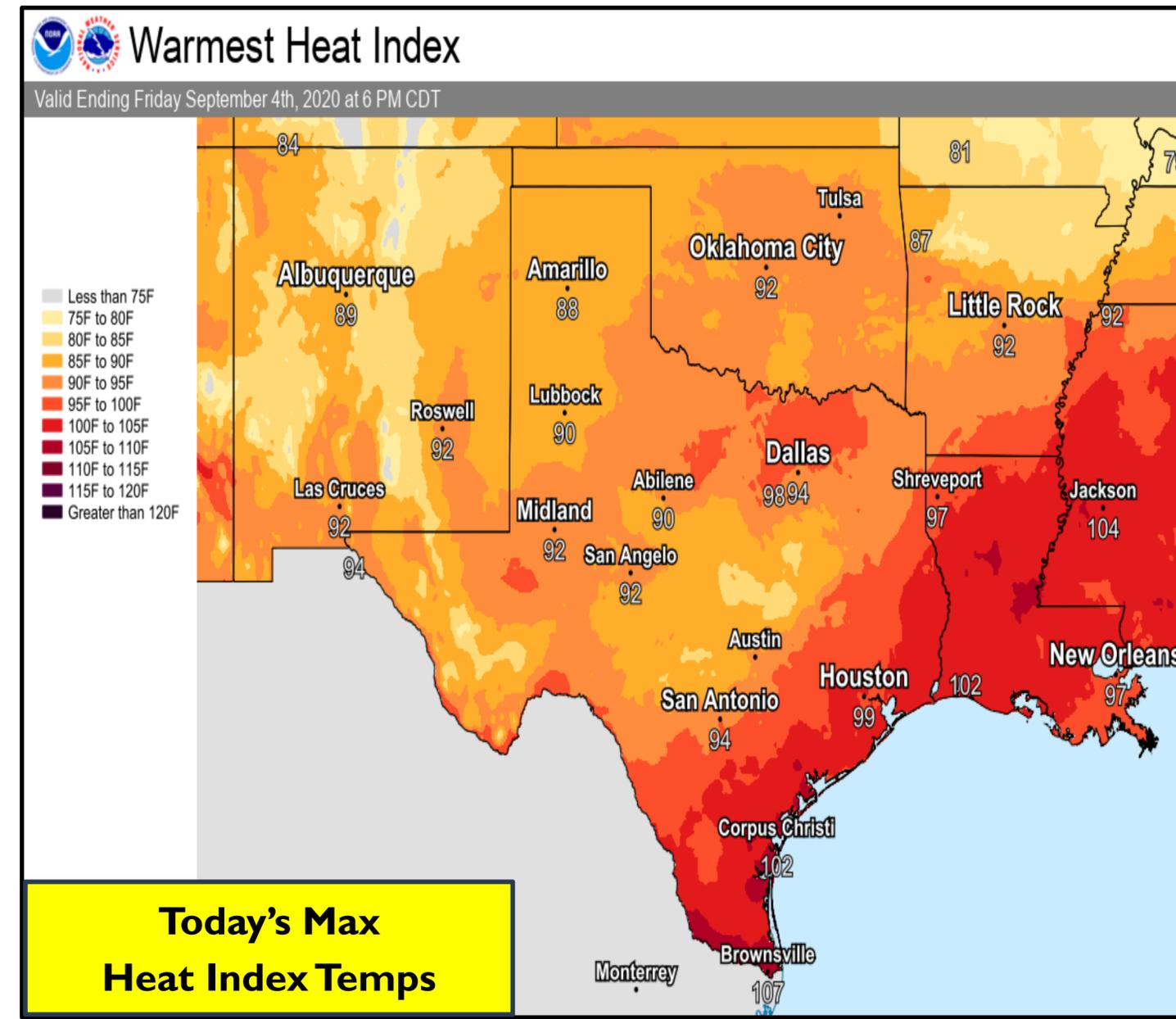
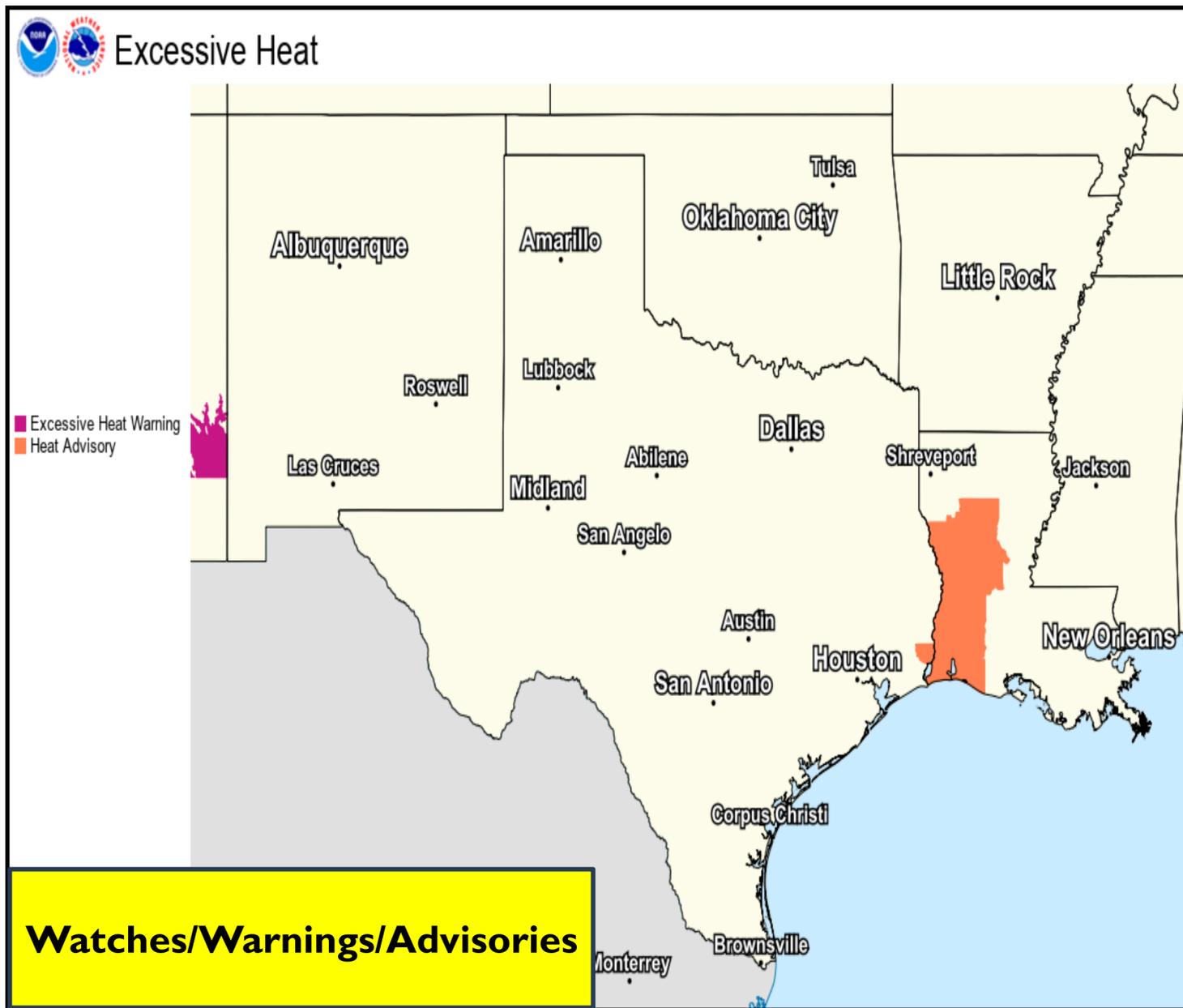
## Excessive Rainfall Outlook



# Excessive Heat Outlook



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# Tomorrow's Weather

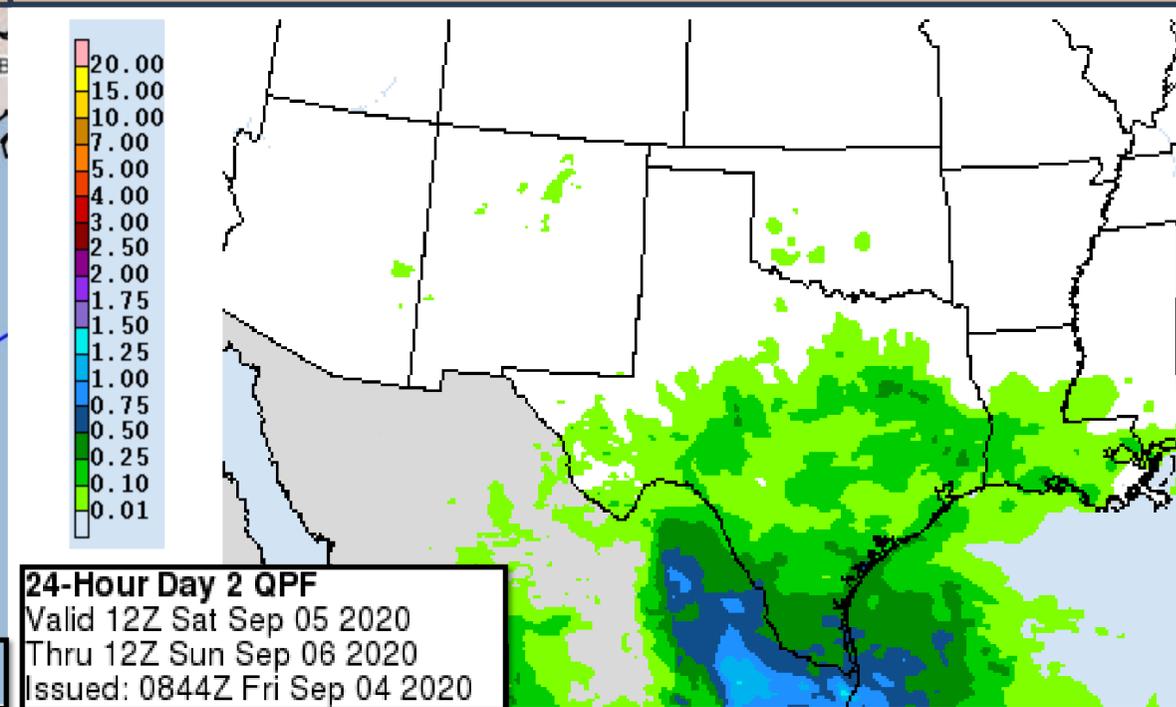
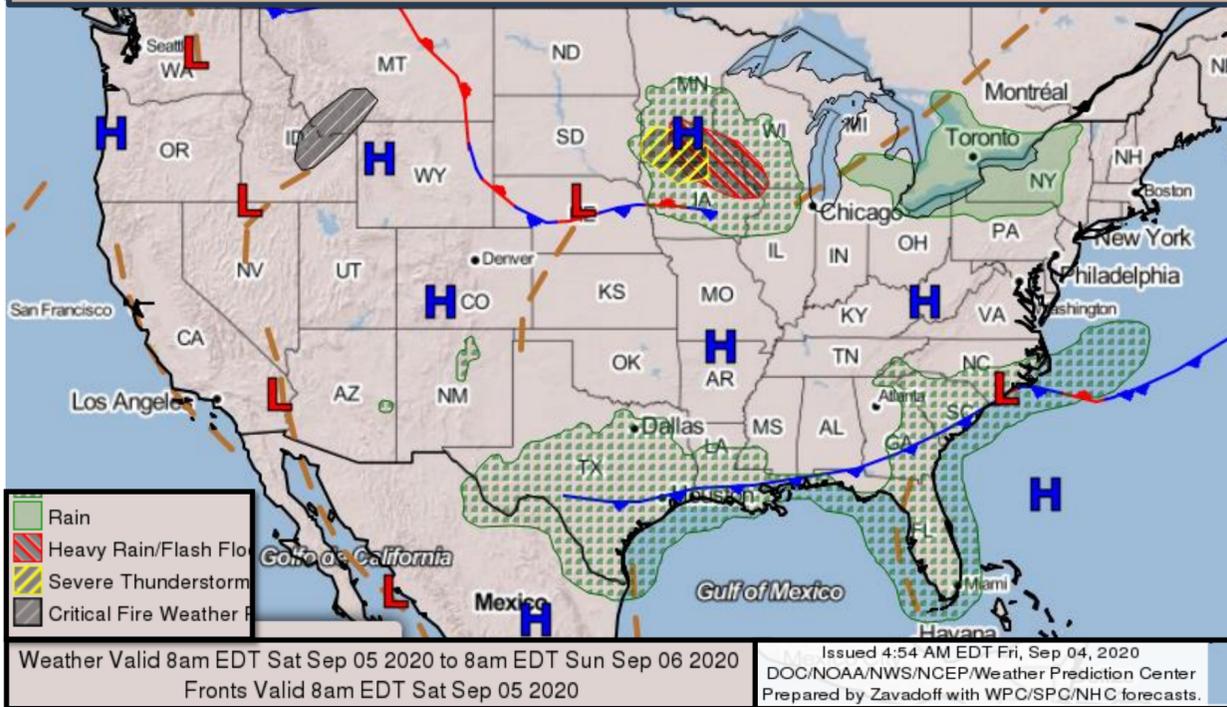


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## Forecast Chart

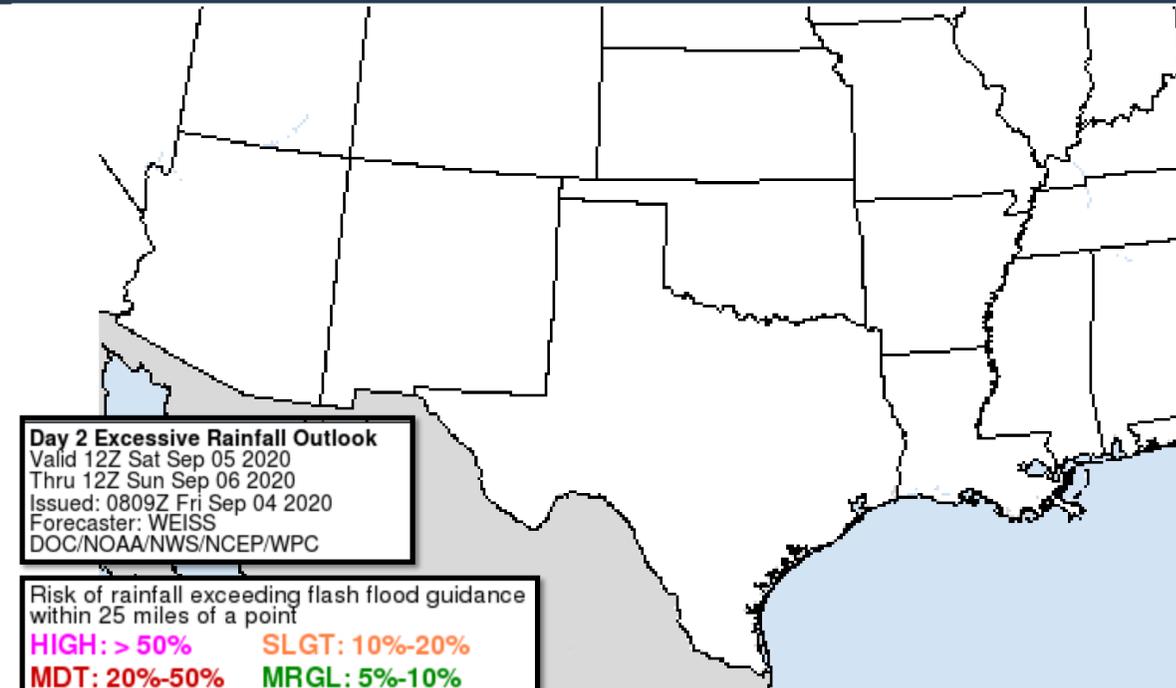
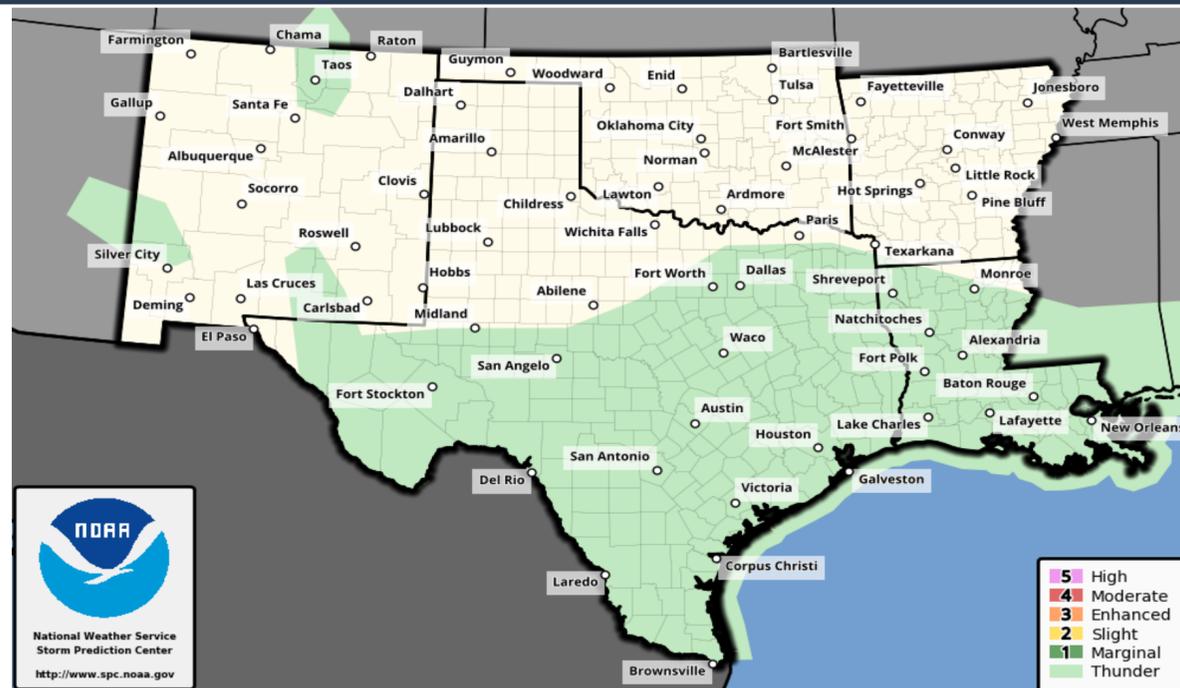
## Forecast Rainfall

No significant weather expected.



## Severe Weather Outlook

## Excessive Rainfall Outlook



# Sunday's Weather

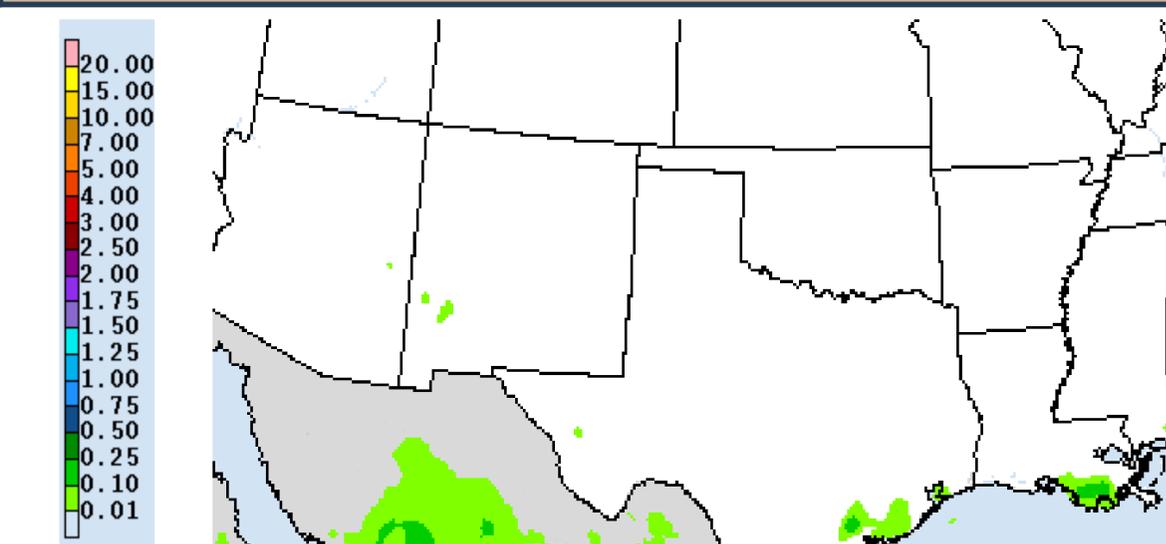
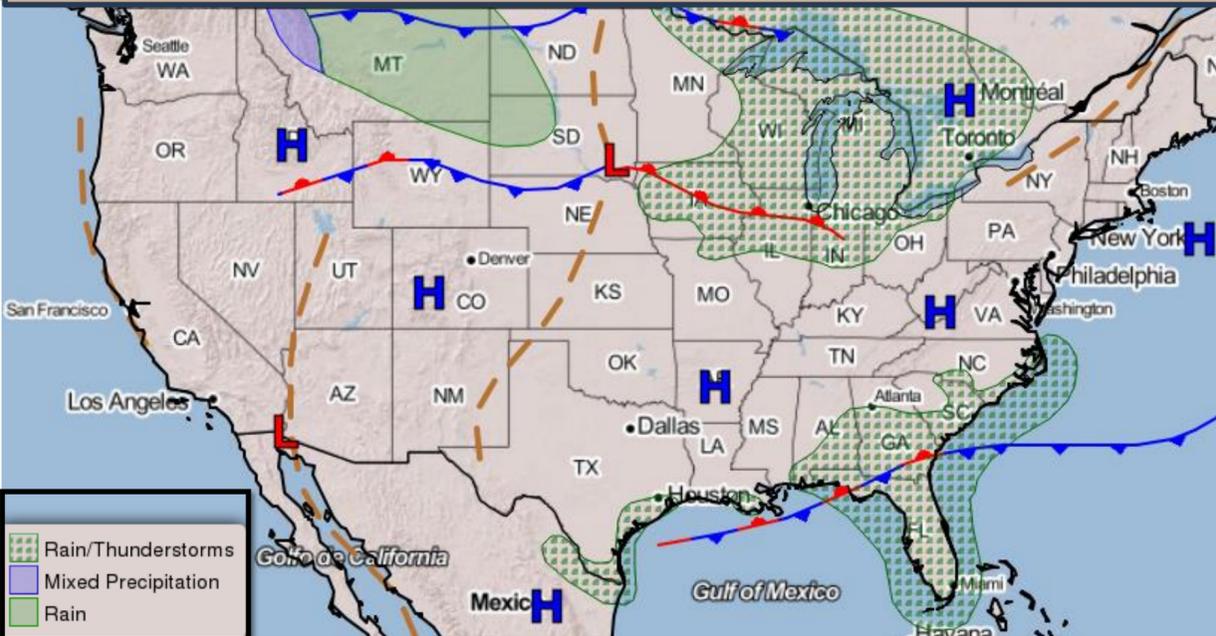


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## Forecast Chart

## Forecast Rainfall

No significant weather expected.

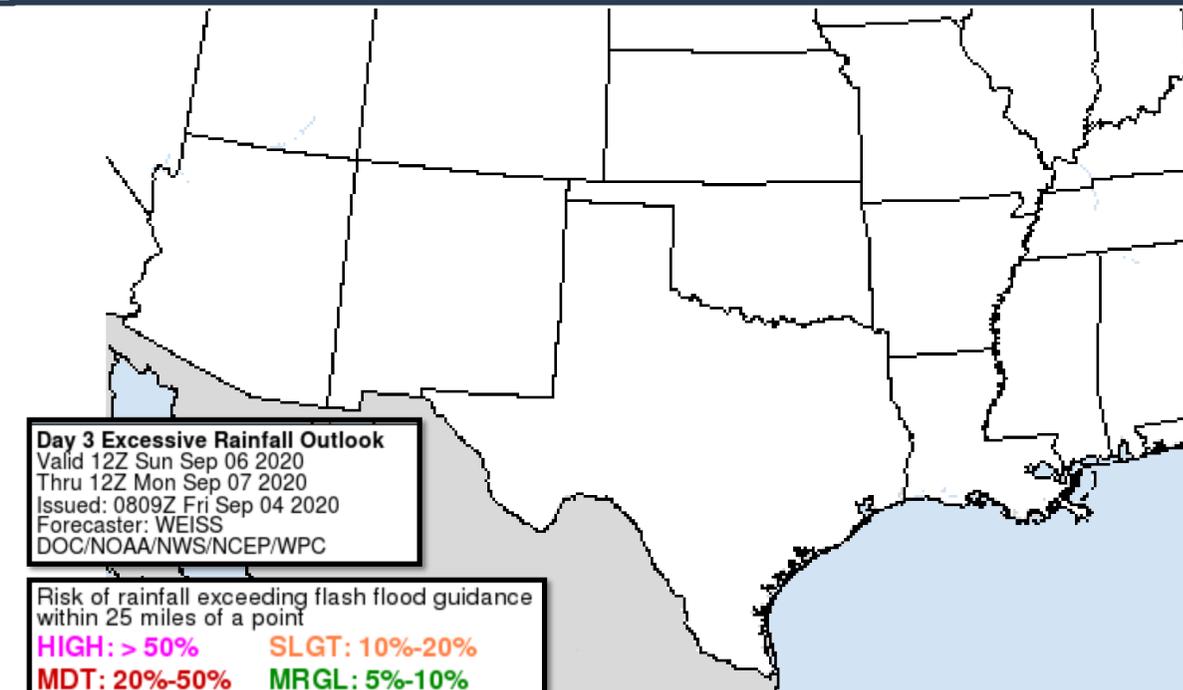


Weather Valid 8am EDT Sun Sep 06 2020 to 8am EDT Mon Sep 07 2020  
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DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by Tate with WPC/SPC/NHC forecasts.

24-Hour Day 3 QPF  
Valid 12Z Sun Sep 06 2020  
Thru 12Z Mon Sep 07 2020  
Issued: 0844Z Fri Sep 04 2020

## Severe Weather Outlook

## Excessive Rainfall Outlook



Day 3 Excessive Rainfall Outlook  
Valid 12Z Sun Sep 06 2020  
Thru 12Z Mon Sep 07 2020  
Issued: 0809Z Fri Sep 04 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%

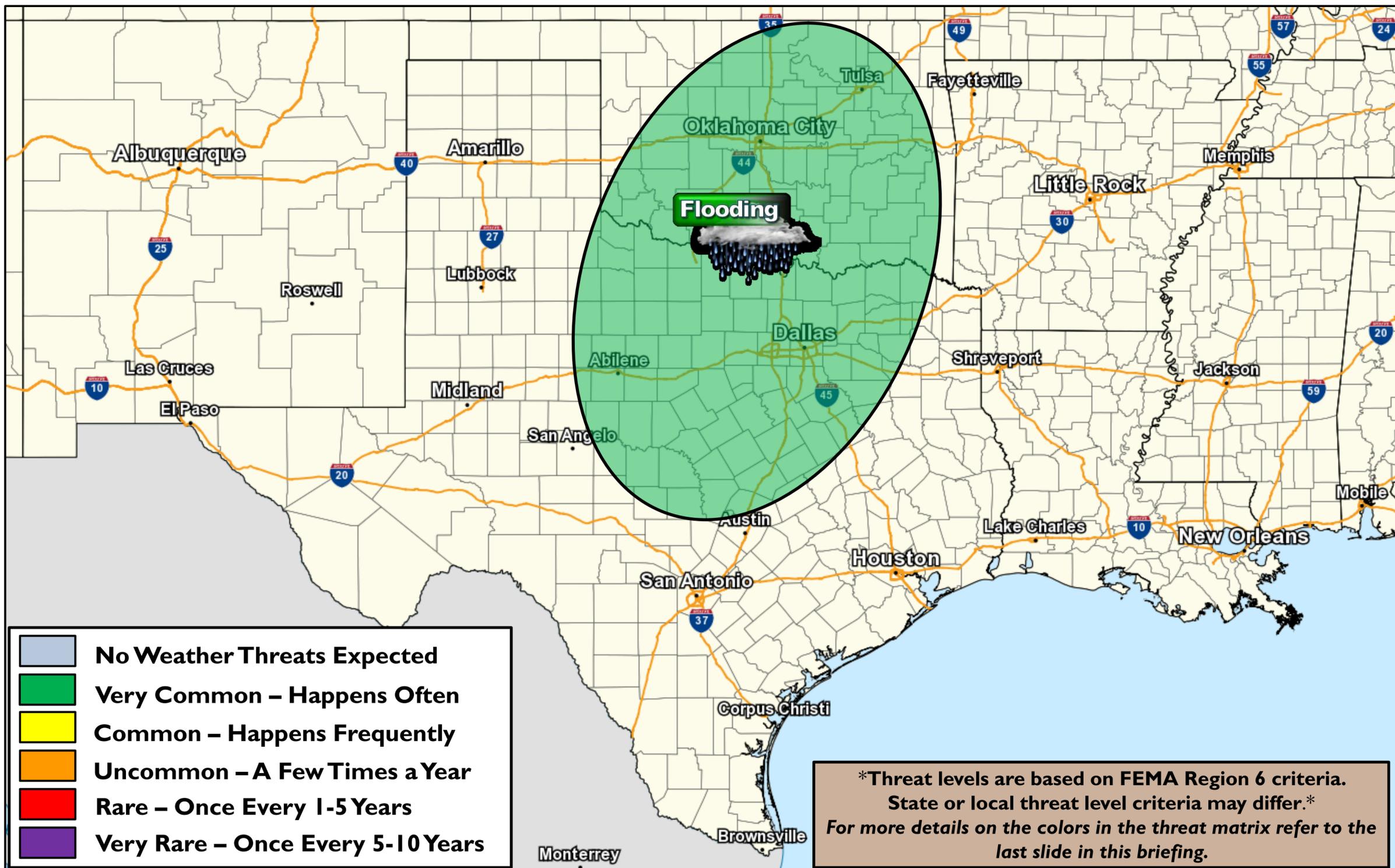
# Days 4-5 Weather Hazards

## Monday - Tuesday



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Threat of heavy rainfall and flash flooding may return early next week.

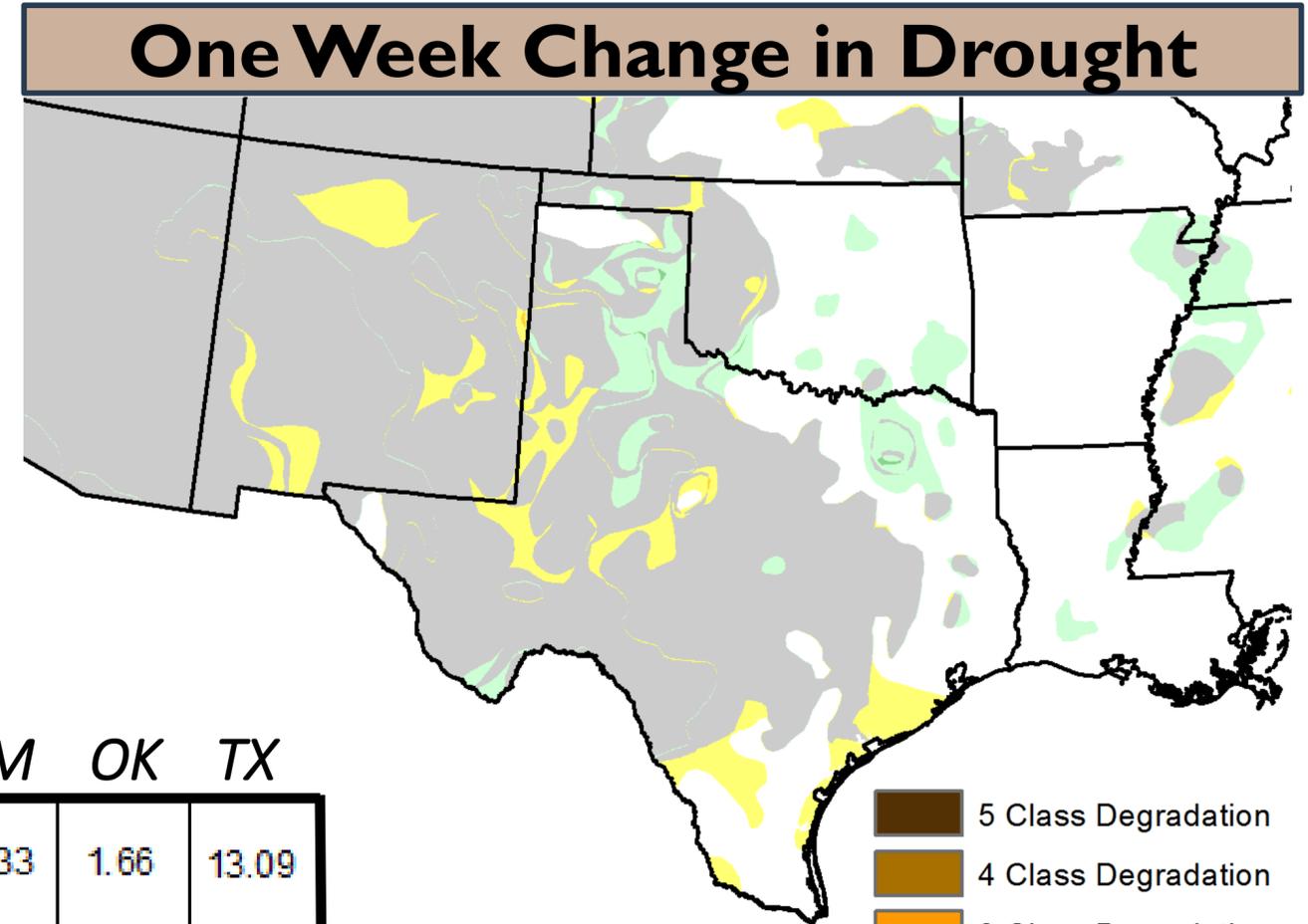
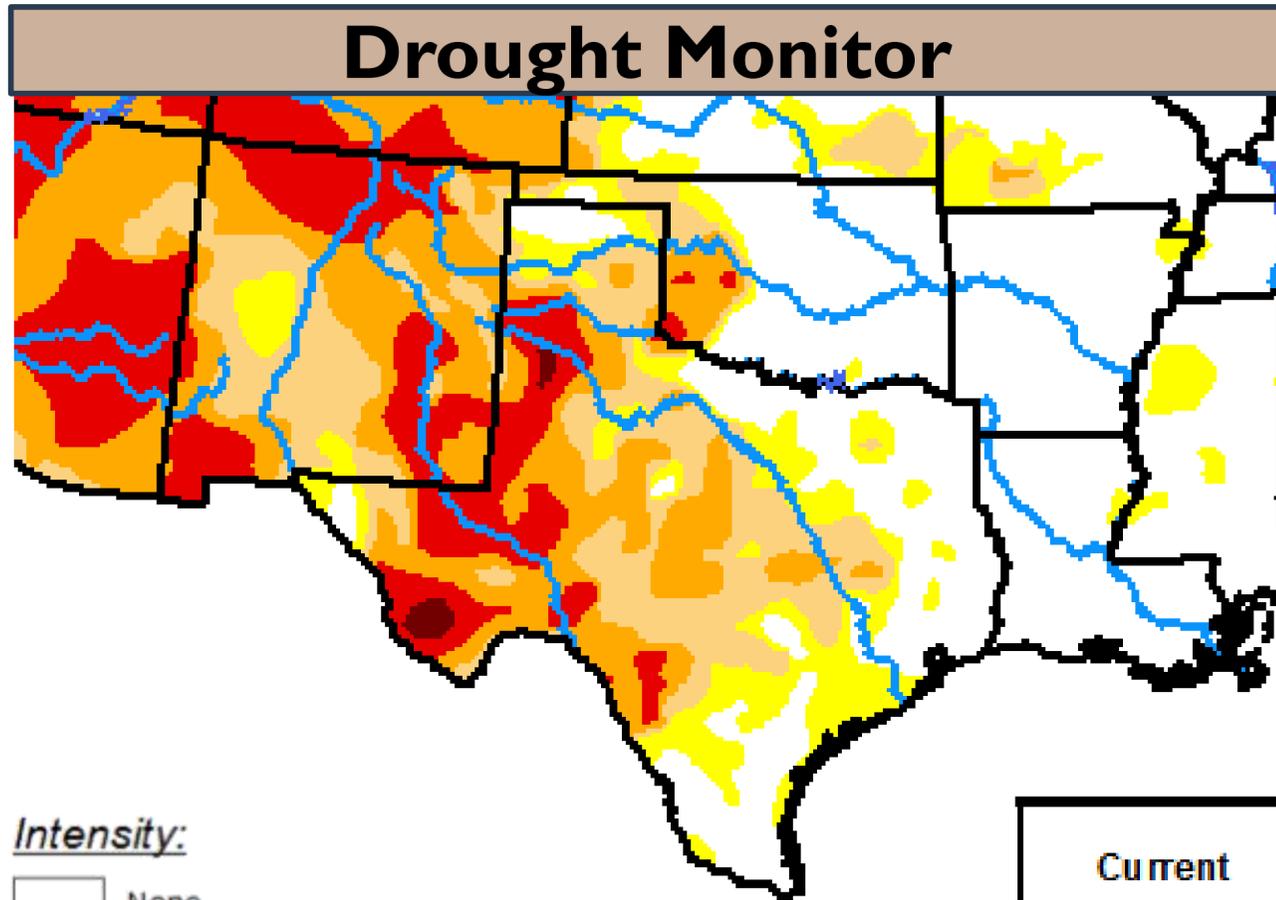


# Drought Monitor (Released Sep 3, 2020)



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Data valid as of 8 am ET on Tuesday, September 1, 2020



**Intensity:**

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

*The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.*

	AR	LA	NM	OK	TX
<b>Current</b>	0.00	0.00	29.33	1.66	13.09
<b>Last Week</b> <i>08-25-2020</i>	0.00	0.00	21.91	1.33	12.24
<b>3 Months Ago</b> <i>06-02-2020</i>	0.00	0.00	4.53	1.72	0.00
<b>One Year Ago</b> <i>09-03-2019</i>	0.00	0.00	0.00	2.01	1.73

**Drought Conditions (Percent Area)**

**D3-D4 (Extreme to Exceptional Drought)**

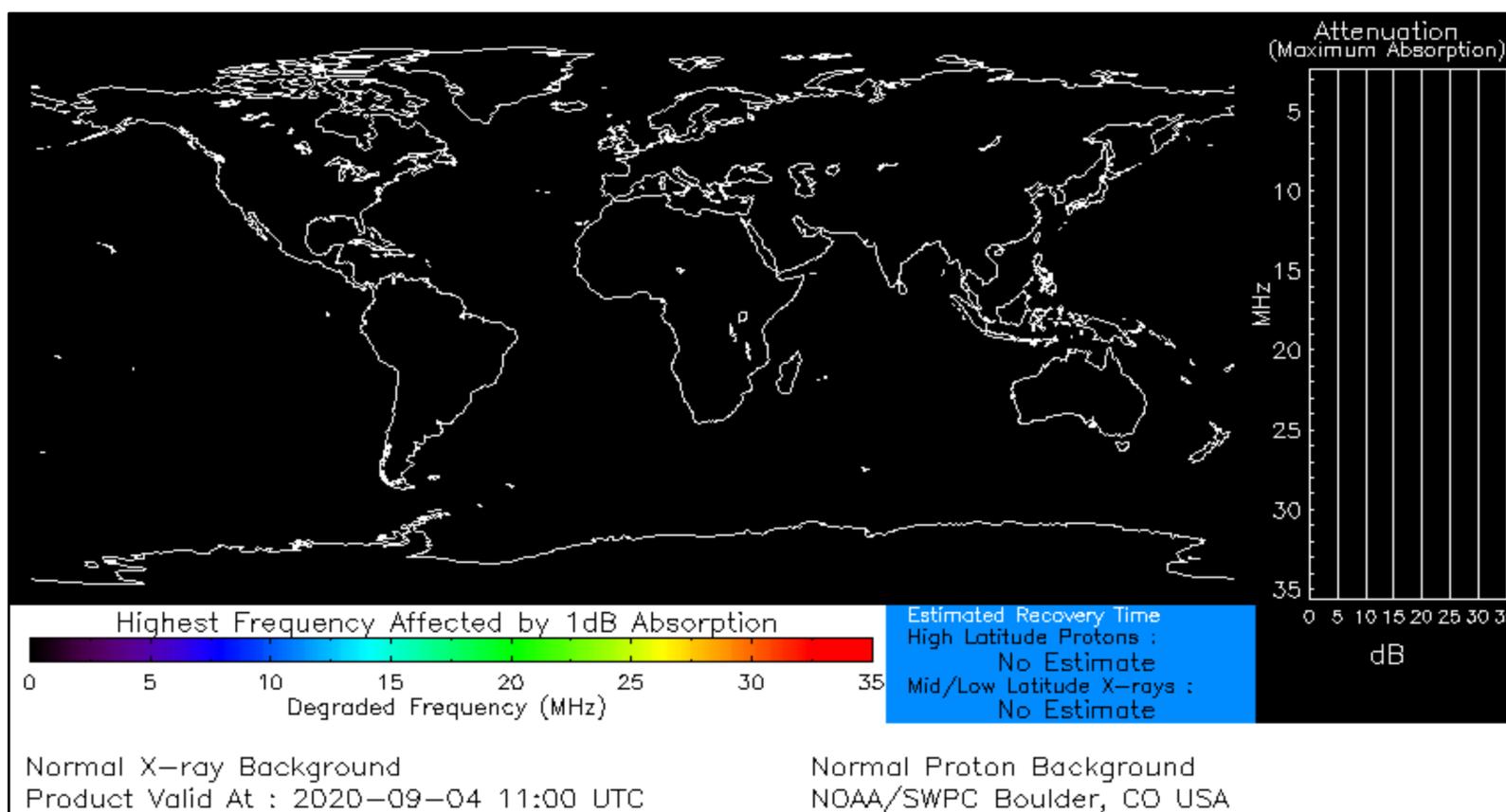
- 5 Class Degradation
- 4 Class Degradation
- 3 Class Degradation
- 2 Class Degradation
- 1 Class Degradation
- No Change
- 1 Class Improvement
- 2 Class Improvement
- 3 Class Improvement
- 4 Class Improvement
- 5 Class Improvement

# Space Weather 3-Day Forecast



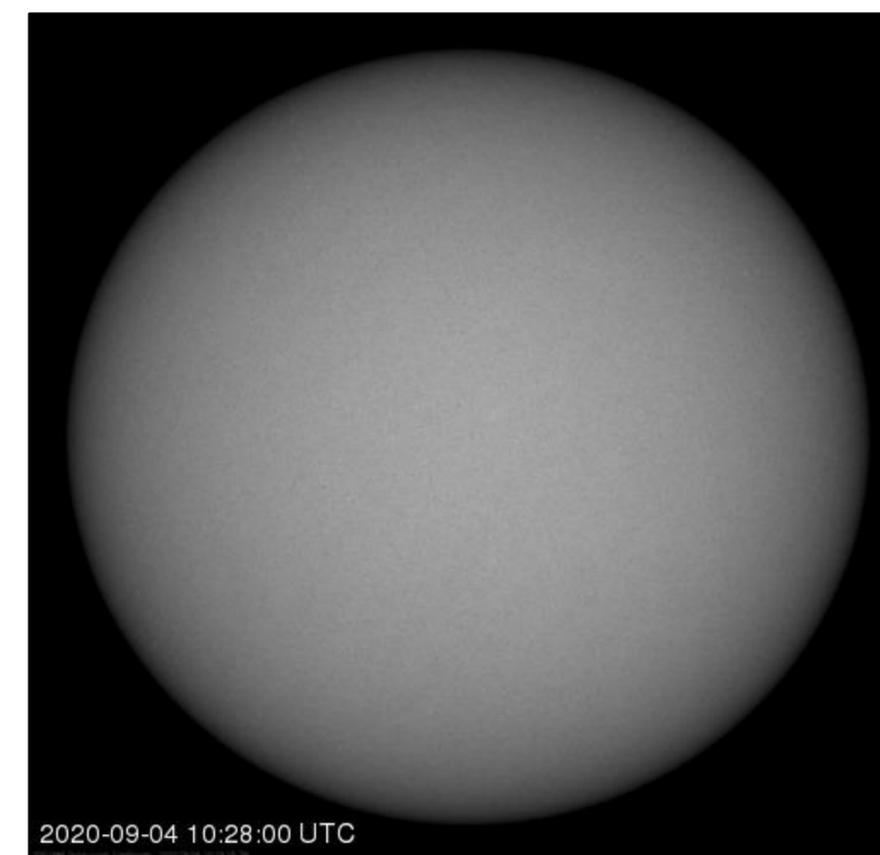
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	Friday	Saturday	Sunday
<b>Geomagnetic Storms</b>	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[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](mailto: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;"><b>Very Common</b></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"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<p style="text-align: center;"><b>Somewhat Common – Happens Frequently</b></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"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<p style="text-align: center;"><b>Uncommon – A Few Times a Year</b></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"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<p style="text-align: center;"><b>Rare – Once every 1-5 Years</b></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"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<p style="text-align: center;"><b>Very Rare – Once Every 5-10 Years</b></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"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).**