



FEMA



Prepared by
Melissa Huffman

FEMA Region 6 Weather Threat Briefing

Sunday, September 22, 2024

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.





Summary of the Upcoming Week

- **Slight risk for excessive rainfall leading to flash flooding from W TX into OK/N AR today.**
- **Isolated minor river flooding continues in NE AR this week.**
- **Tropical Weather Outlook:**
 - **High chance (70%) for tropical development in the Caribbean/Gulf of Mexico over the next 7 days. Monitor for potential impacts late this week.**
 - **Low chance (20%) for tropical development in the central Atlantic over the next 7 days. No impacts to FEMA 6.**
 - **Medium chance (40%) for tropical development in the eastern and central Atlantic over the next 7 days. No impacts to FEMA 6.**





FEMA Region 6 Threat Matrix

Next 5 Days

| | Sunday, Sep 22 | Monday, Sep 23 | Tuesday, Sep 24 | Wednesday, Sep 25 | Thursday, Sep 26 |
|-----------------------------|----------------|----------------|-----------------|-------------------|---------------------|
| Severe Storms | W TX, OK, N AR | N/NE AR | | | |
| Heavy Rain / Flash Flooding | W TX, SW OK | NE AR | W/Ctrl/NTX | | |
| Fire Weather | | | | | |
| Heat | | | | | |
| Tropical | | | | | Monitoring the Gulf |
| River Flooding | NE AR | NE AR | NE AR | NE AR | NE AR |

****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.

| | | | | | |
|-------------|----------------|-------|----------|-------|---------|
| Risk Levels | Little to None | Minor | Moderate | Major | Extreme |
|-------------|----------------|-------|----------|-------|---------|



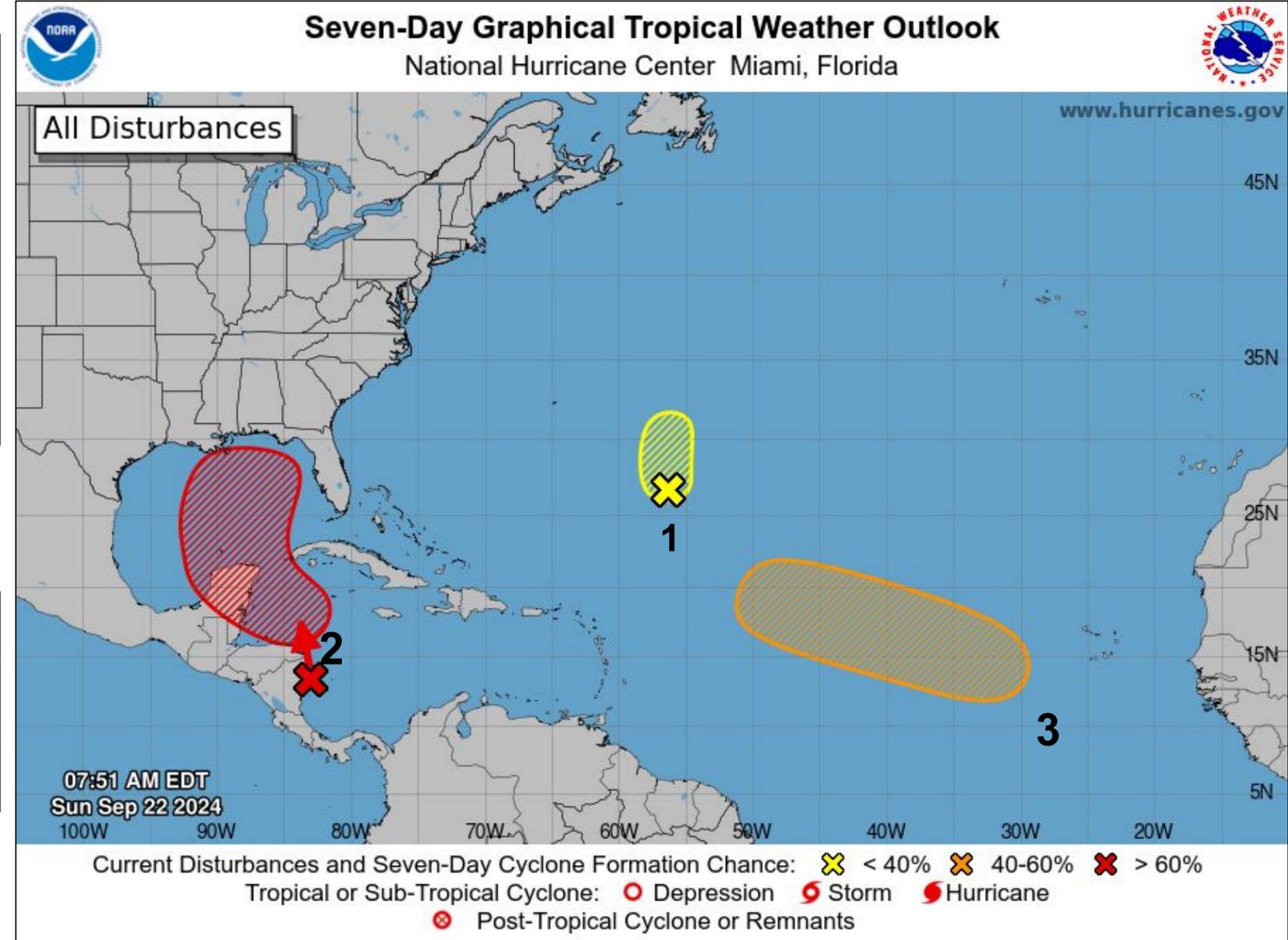
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

| Area | Chance of Development | Potential Impacts to FEMA 6 |
|------|-----------------------|-----------------------------|
| 1 | Low | None |
| 2 | High | Monitor for development |
| 3 | Medium | None |

Active Tropical Cyclones

| Storm | Potential Impacts to FEMA 6 |
|-------|-----------------------------|
| | |

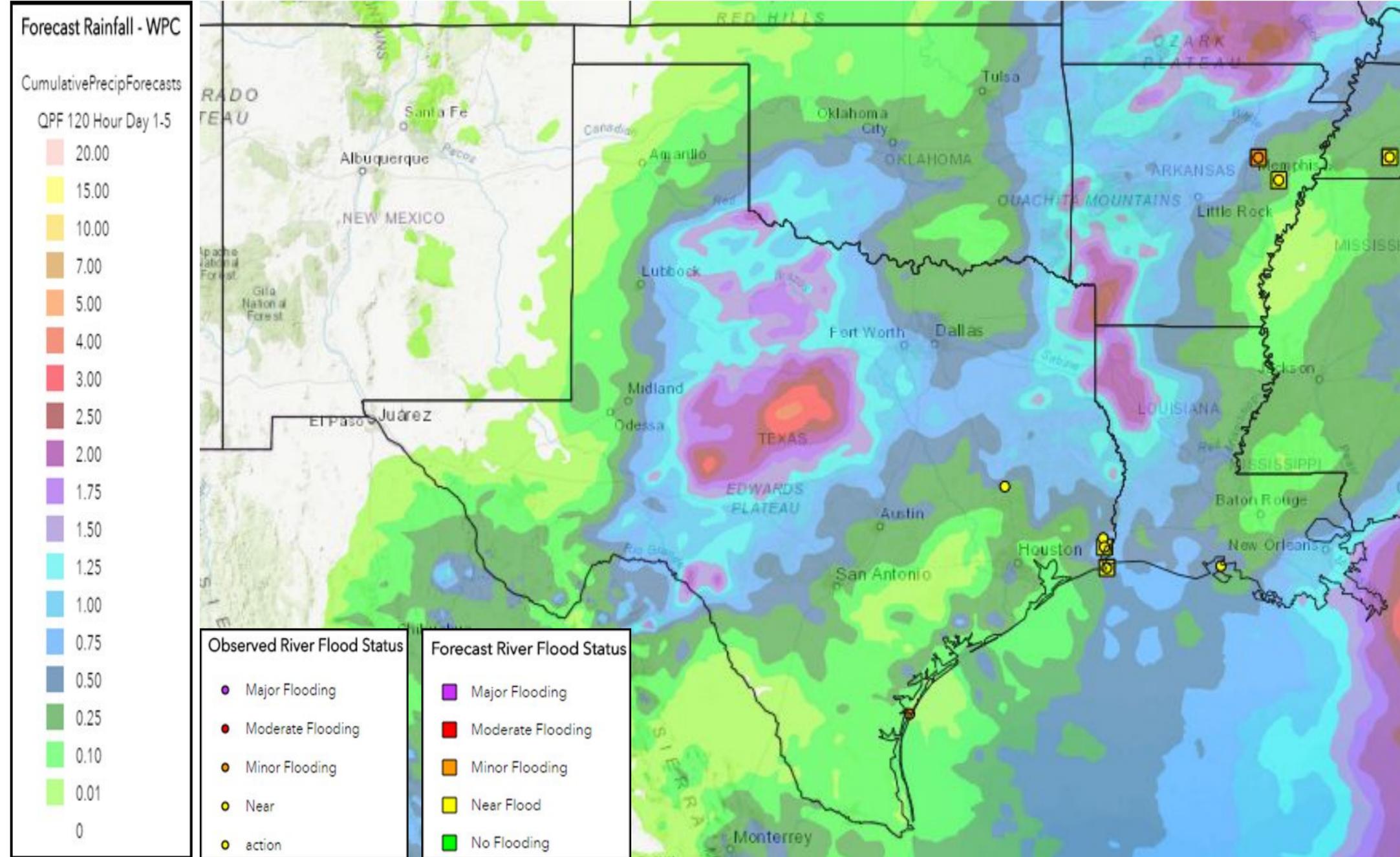


See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



5-Day Precipitation Forecast & River Flood Status

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

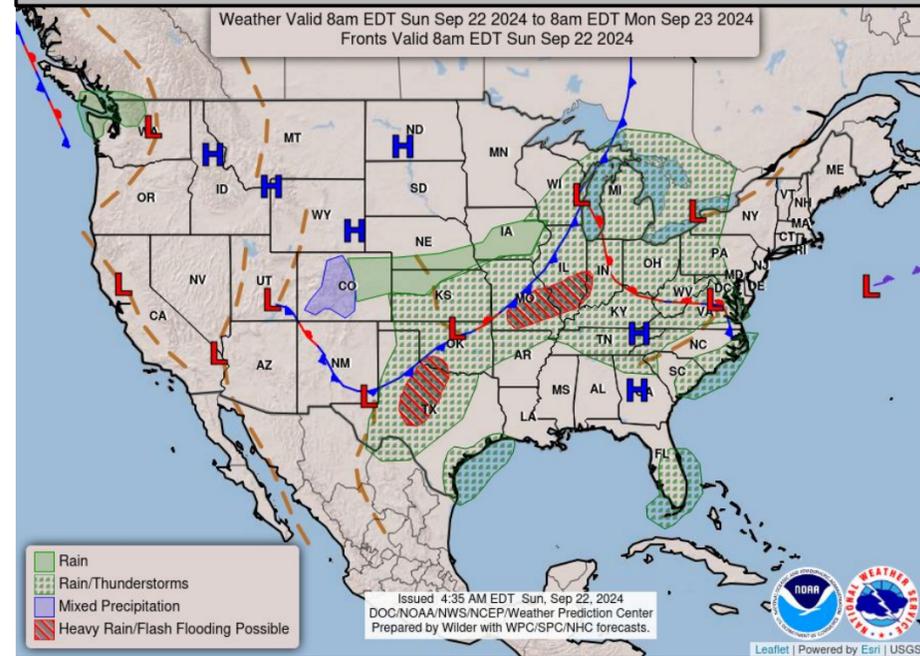


Minor river flooding along the Cache River at Patterson, AR. No significant impacts.

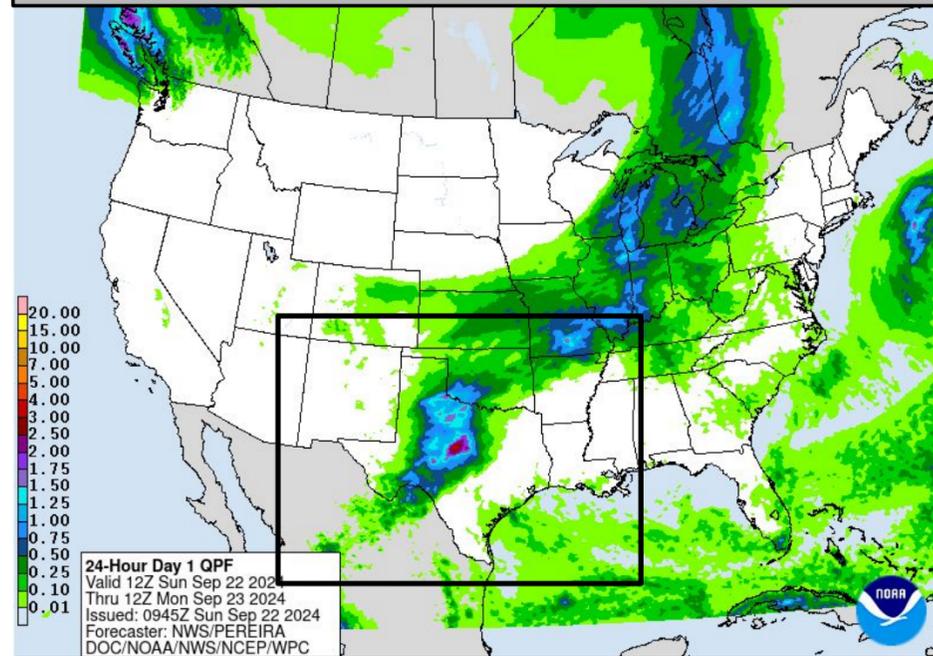


Today's Weather

Forecast Chart



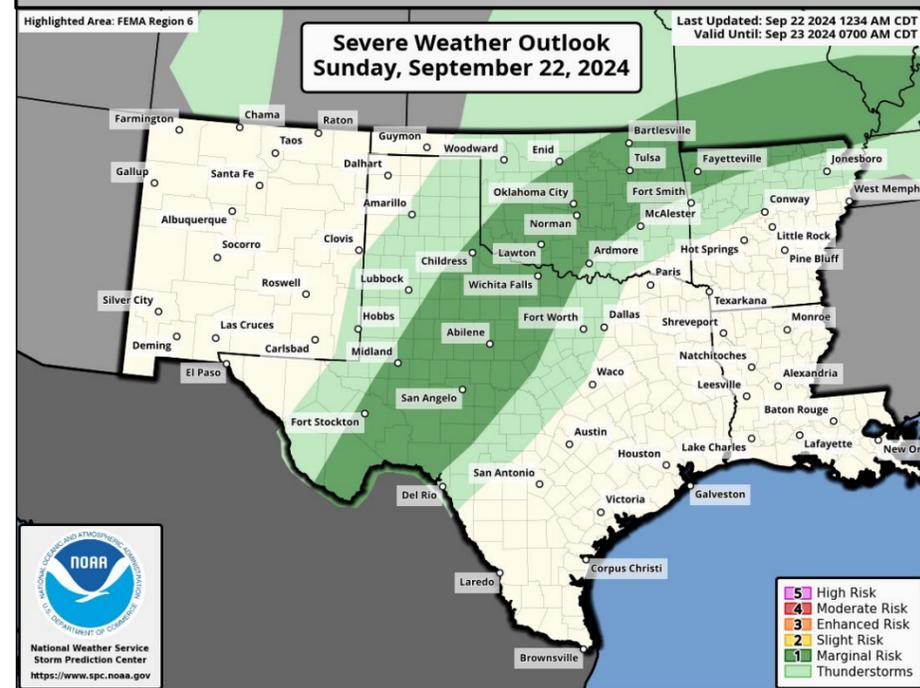
Forecast Rainfall



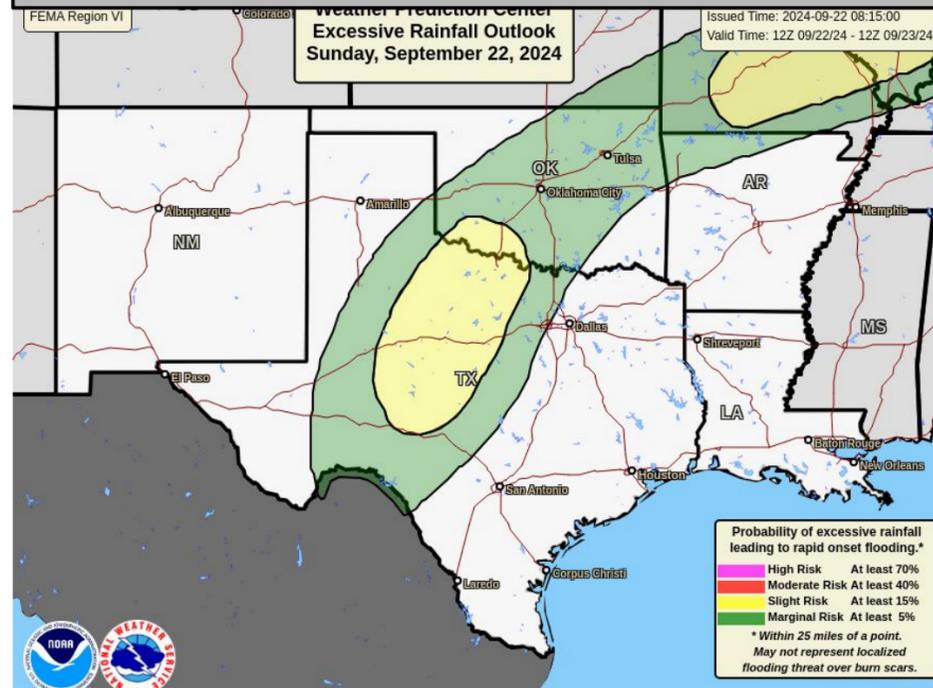
Slight risk for excessive rainfall leading to flash flooding over WTX, SW OK.

Marginal risk for severe storms over WTX, OK, N AR.

Severe Weather Outlook



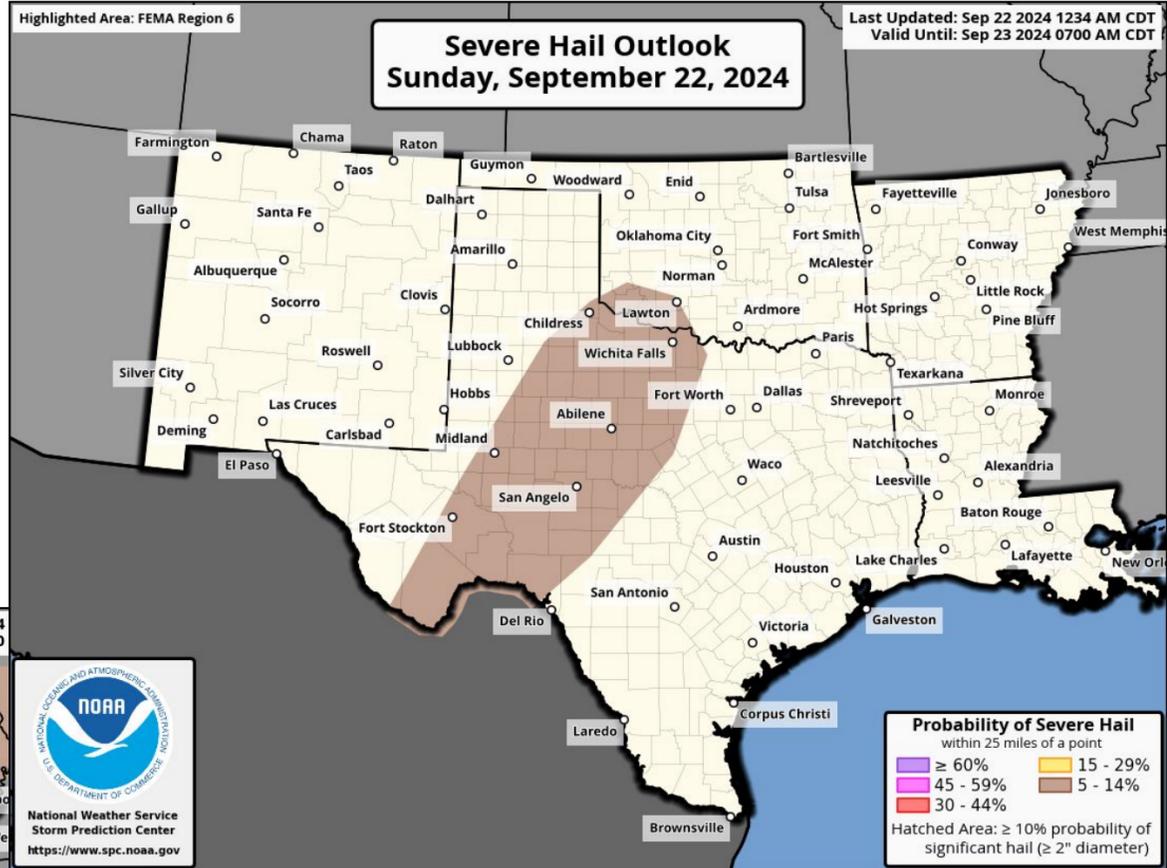
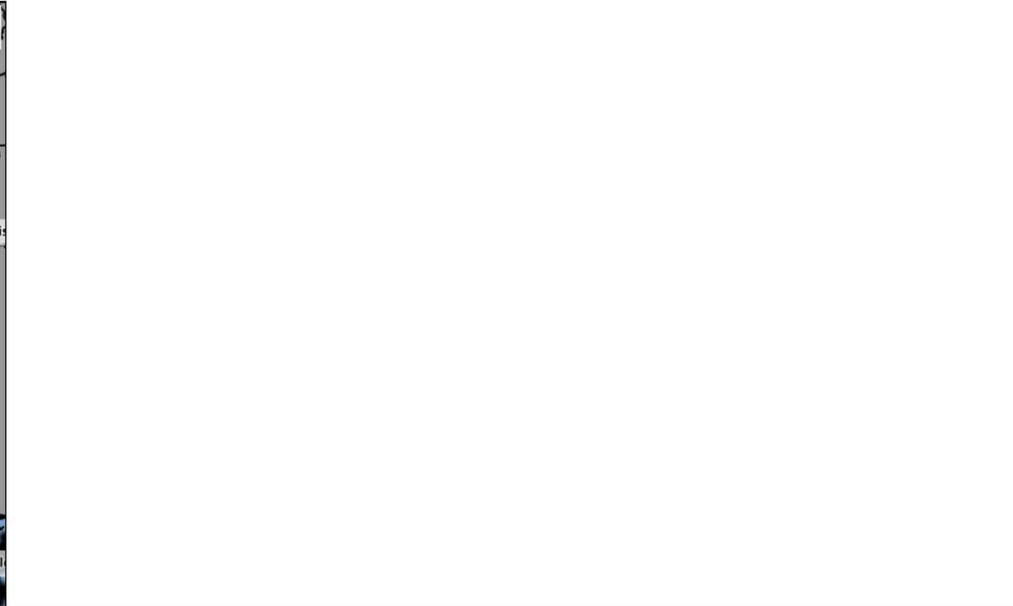
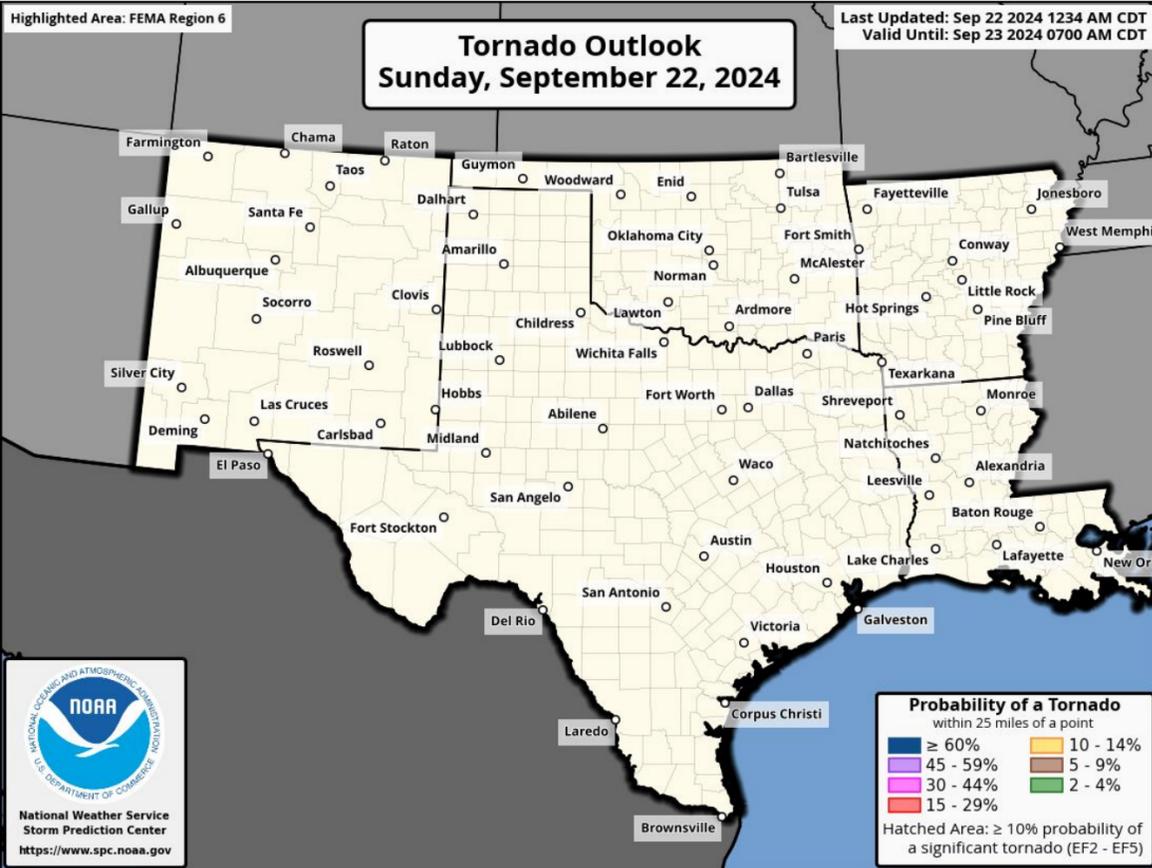
Excessive Rainfall Outlook





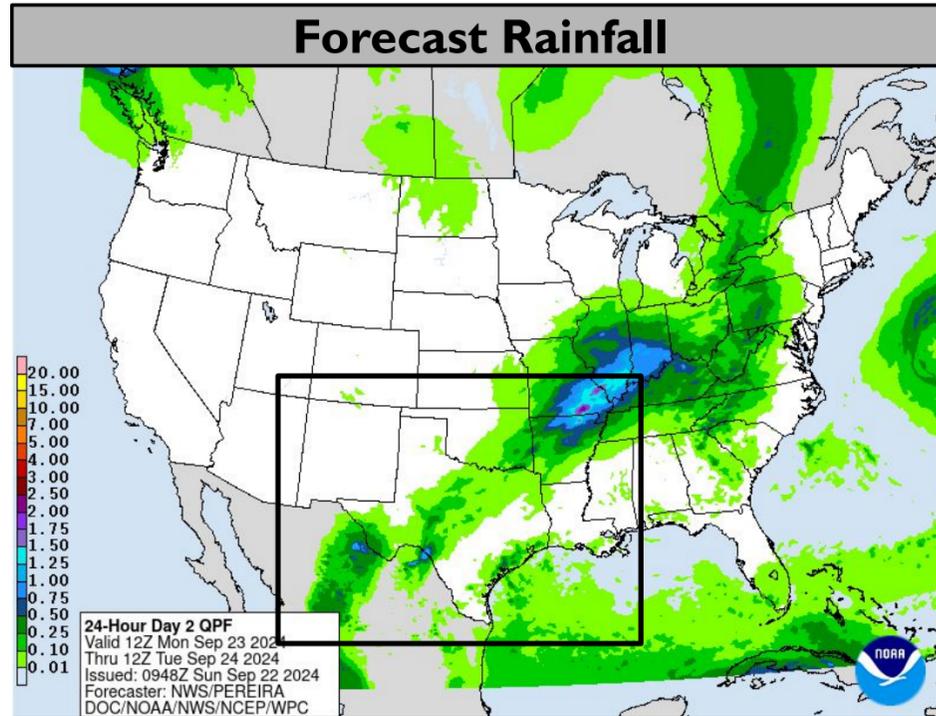
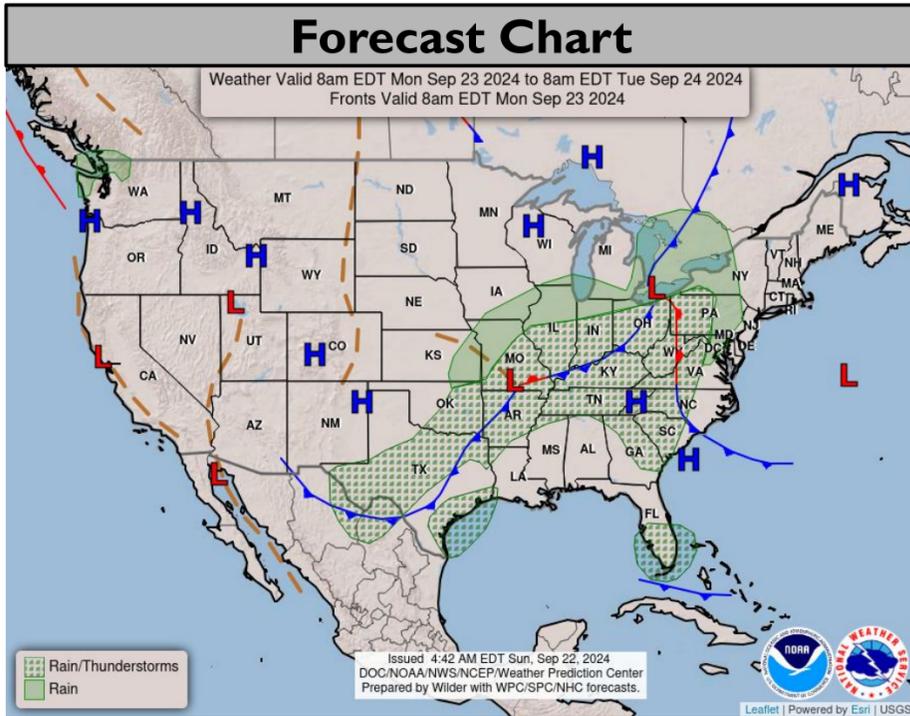
Today's Tornado & Severe Wind / Hail Probabilities

September 22, 2024

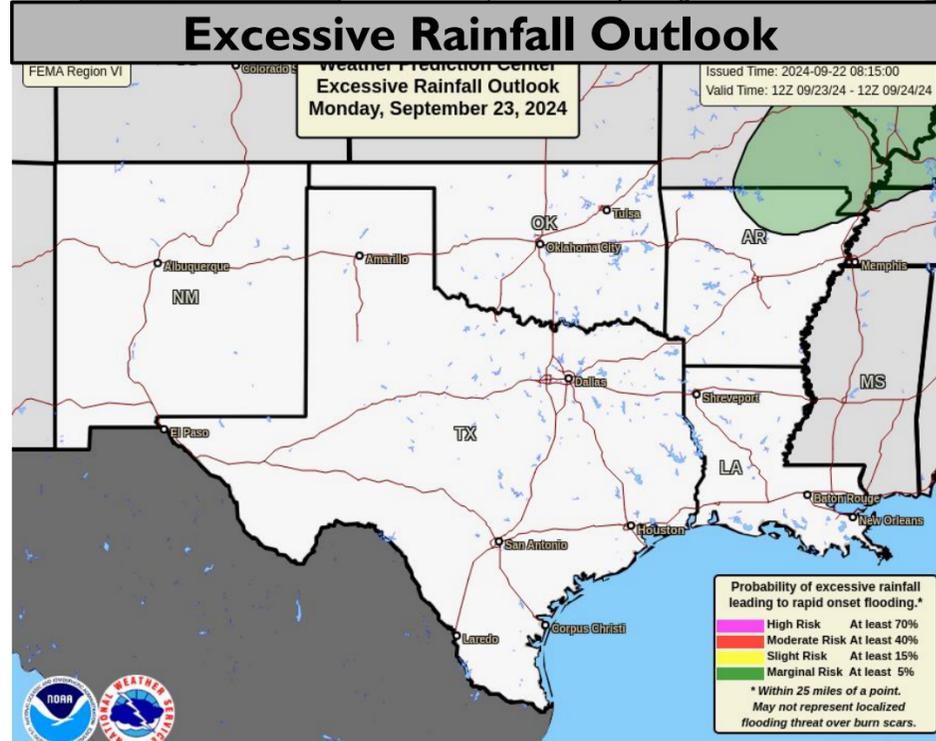
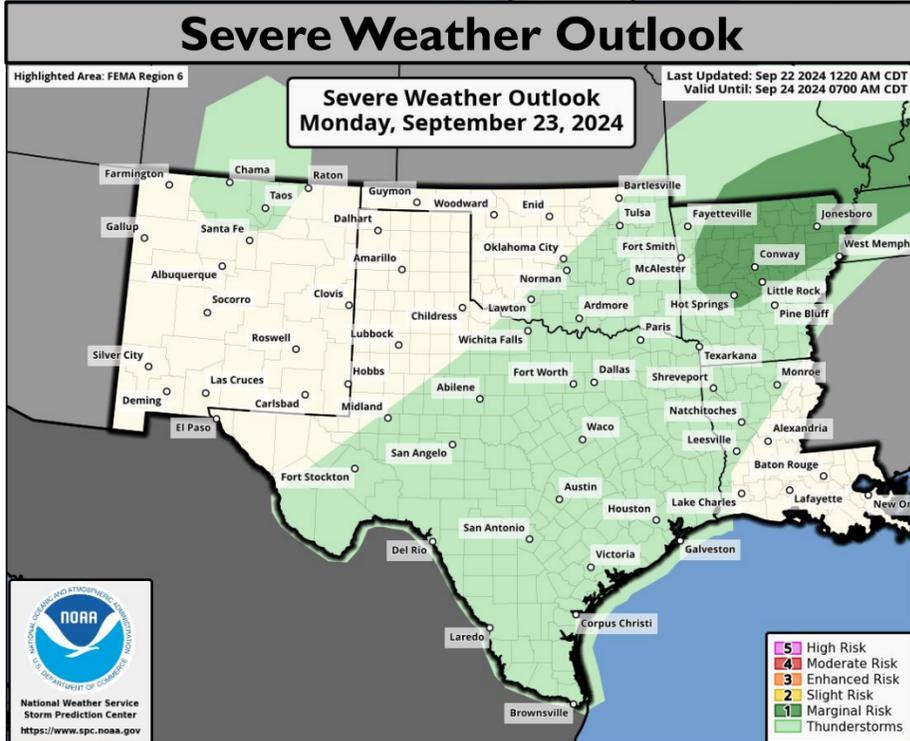




Tomorrow's Weather

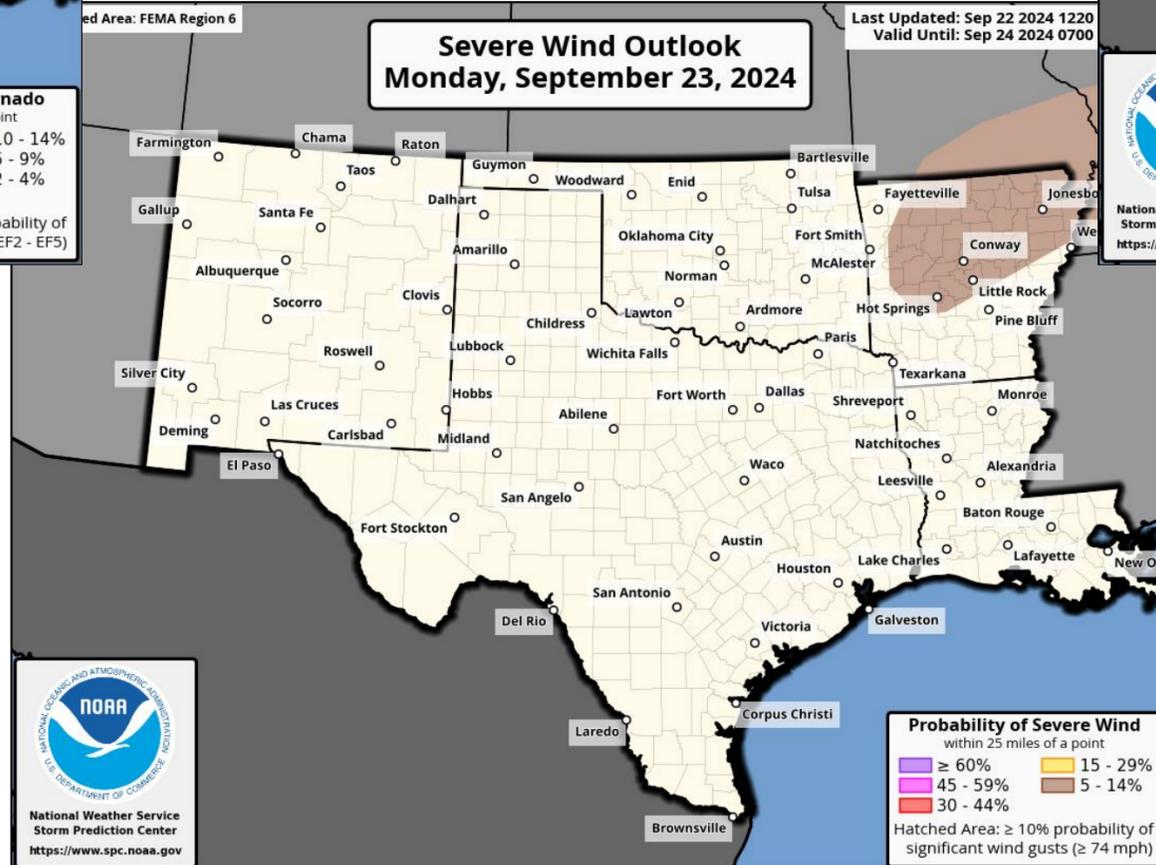
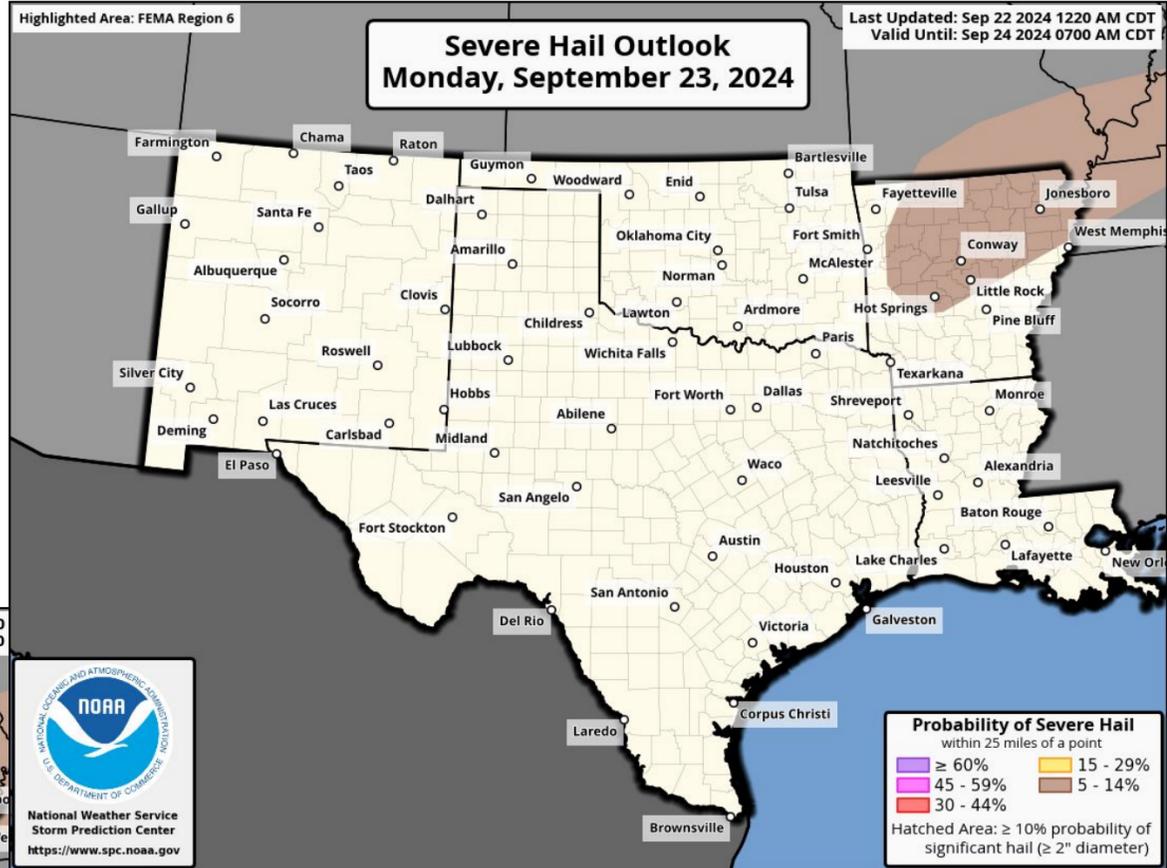
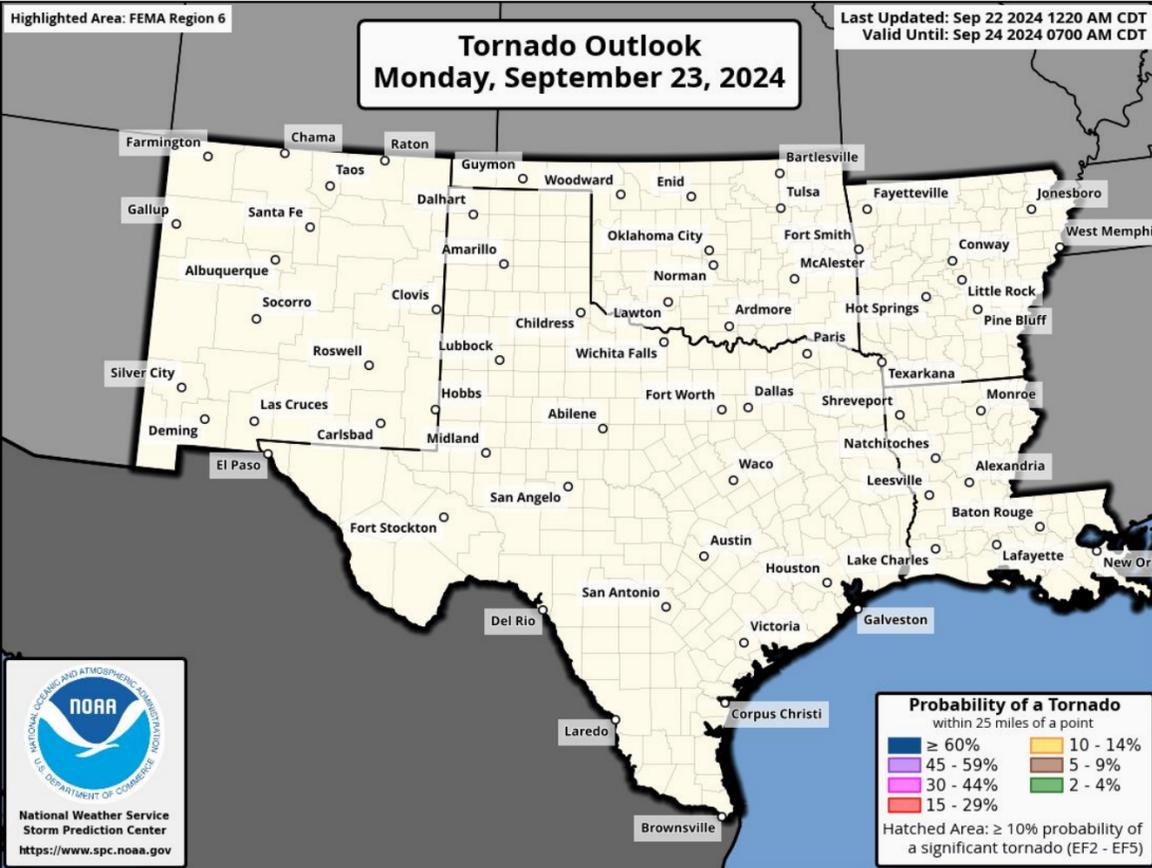


Marginal risk for severe storms and excessive rainfall over N/NE AR.





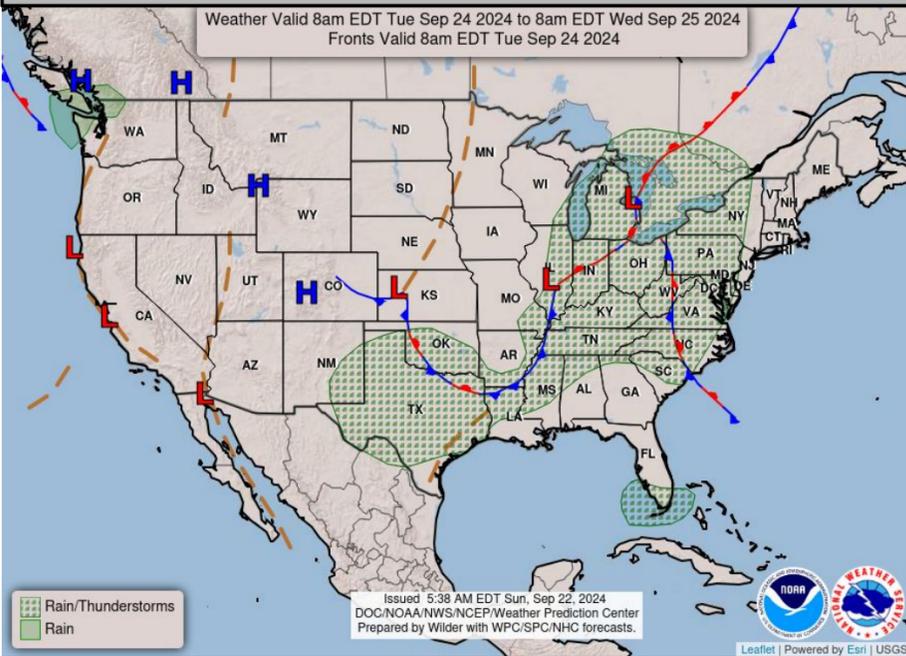
Tomorrow's Tornado & Severe Wind / Hail Probabilities



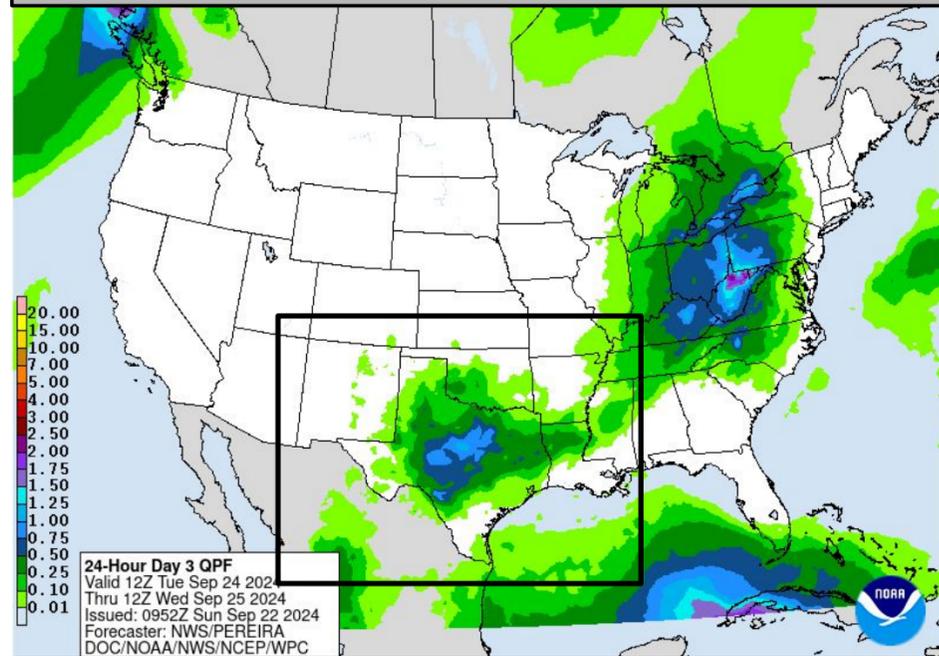


Tuesday's Weather

Forecast Chart

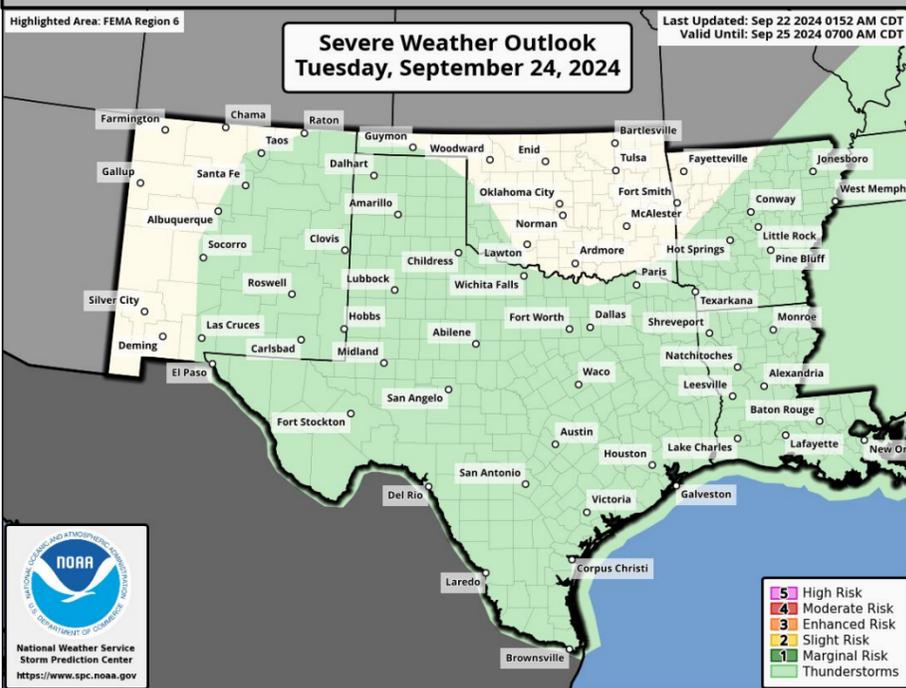


Forecast Rainfall

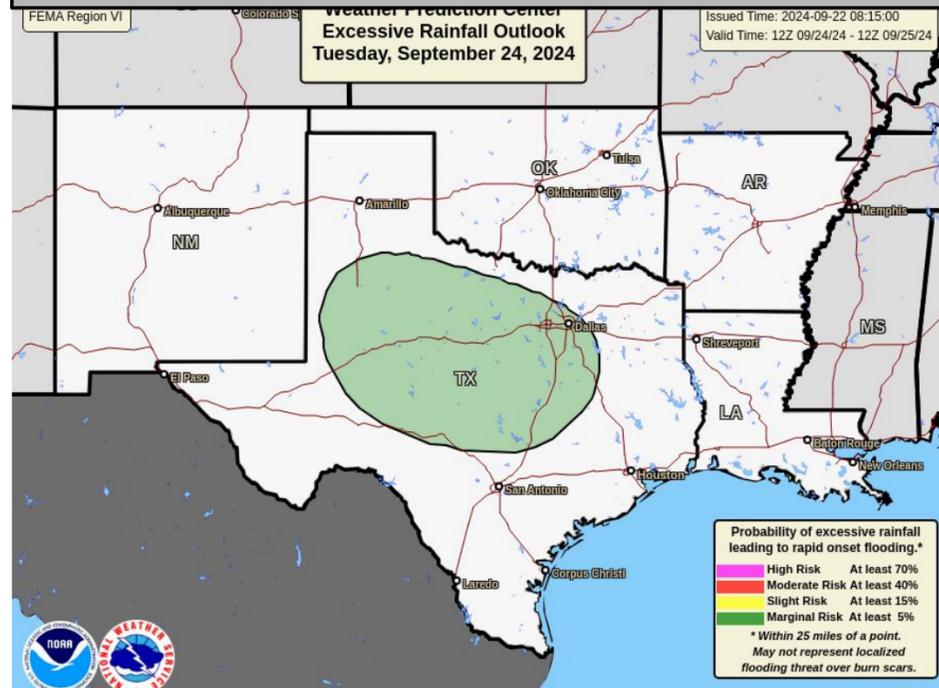


Marginal risk for heavy rainfall leading to flash flooding over W/Ctr/NTX

Severe Weather Outlook



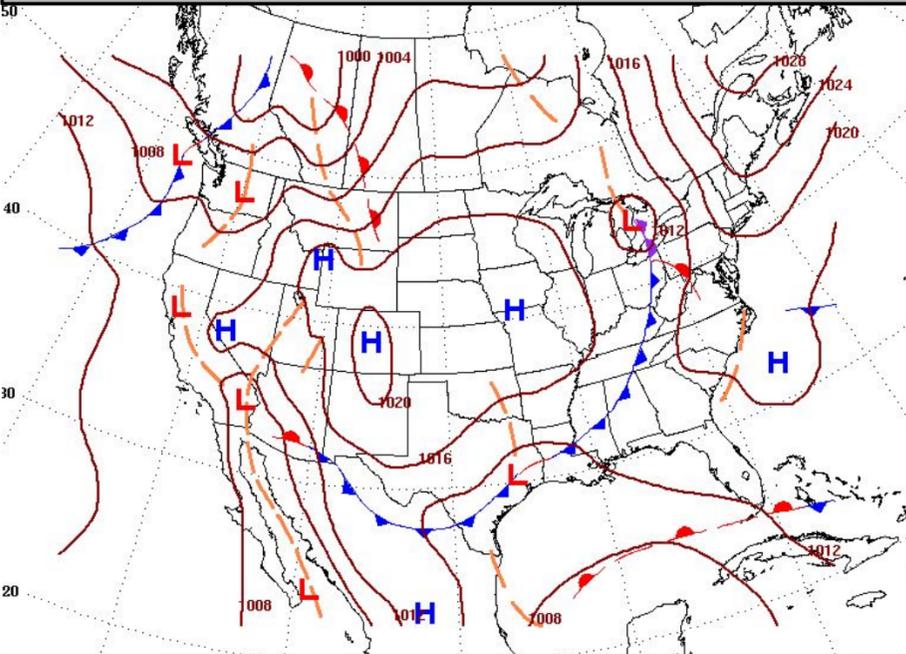
Excessive Rainfall Outlook



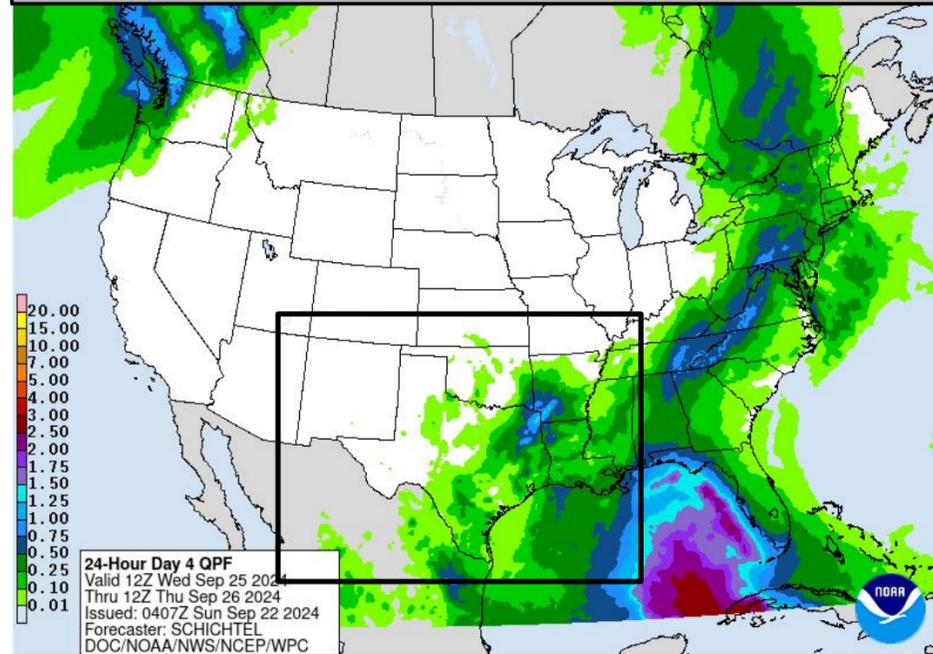


Wednesday's Weather

Forecast Chart

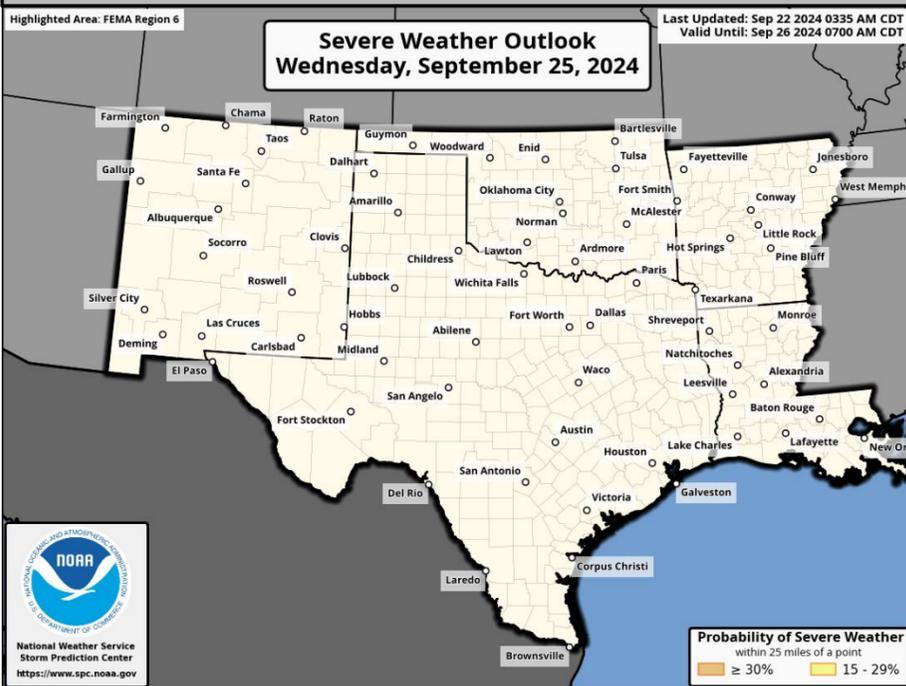


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



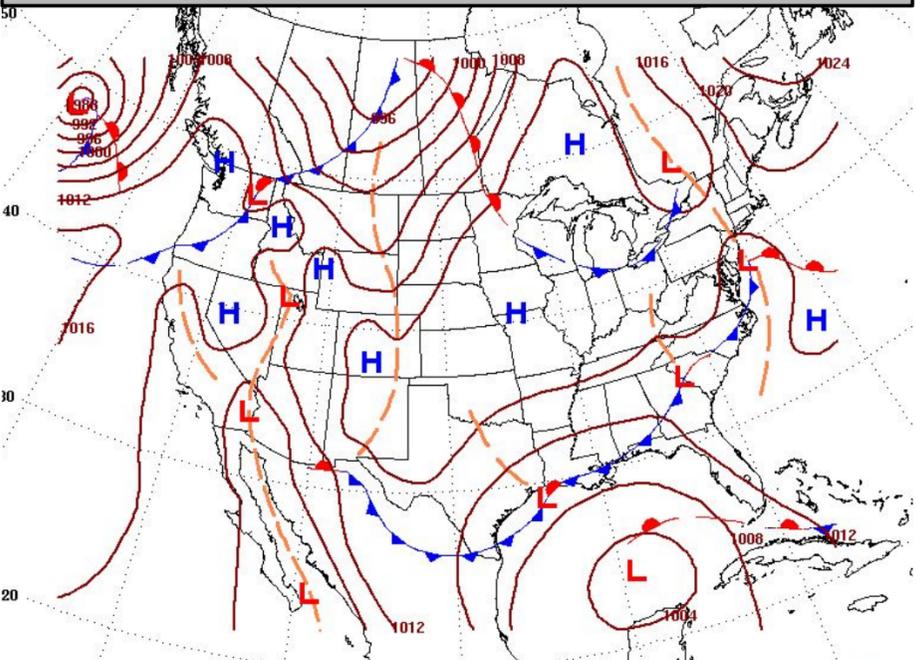
Excessive Rainfall Outlook



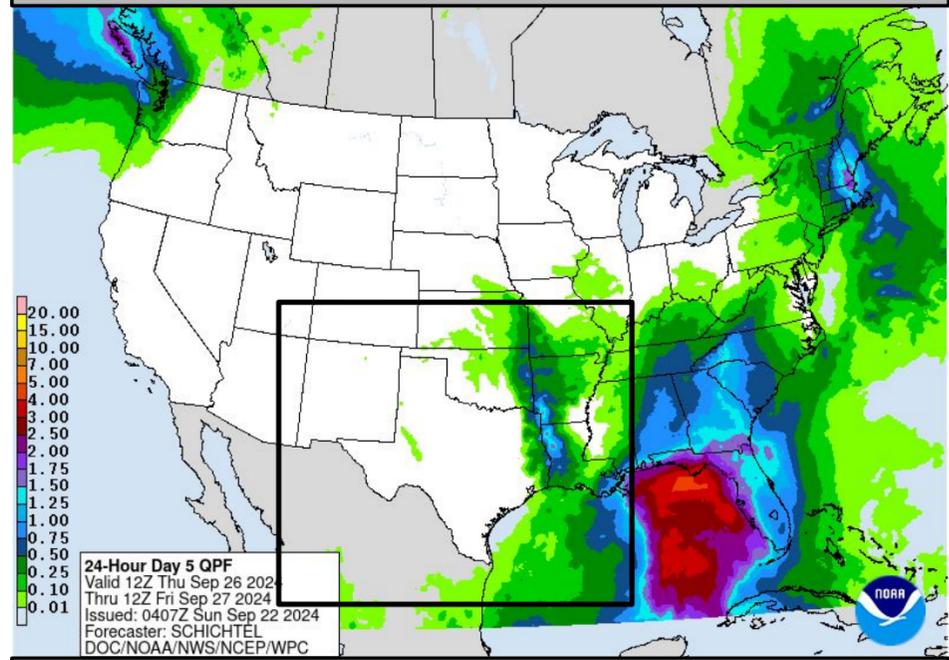


Thursday's Weather

Forecast Chart

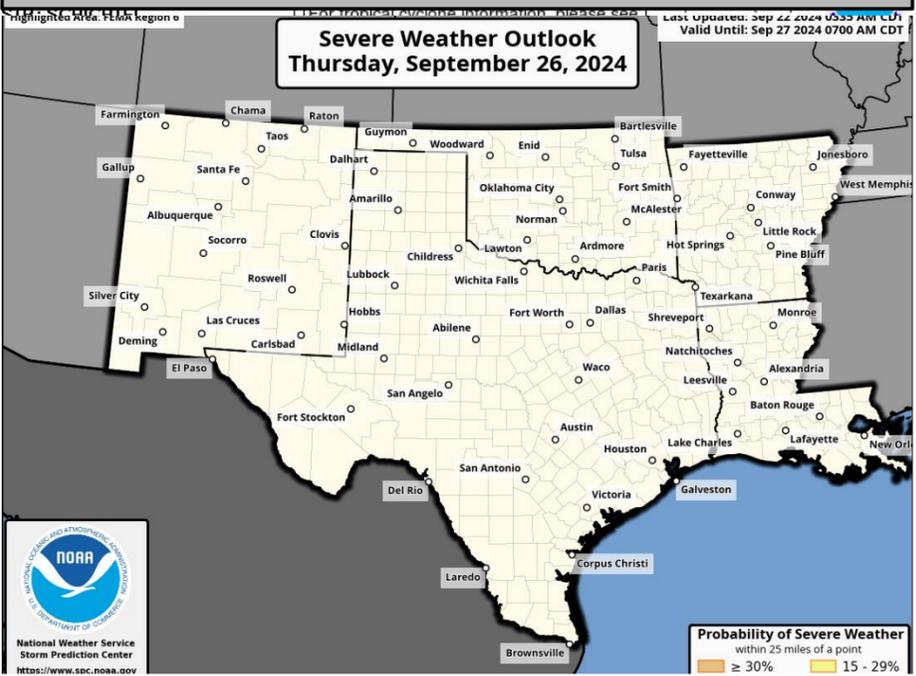


Forecast Rainfall

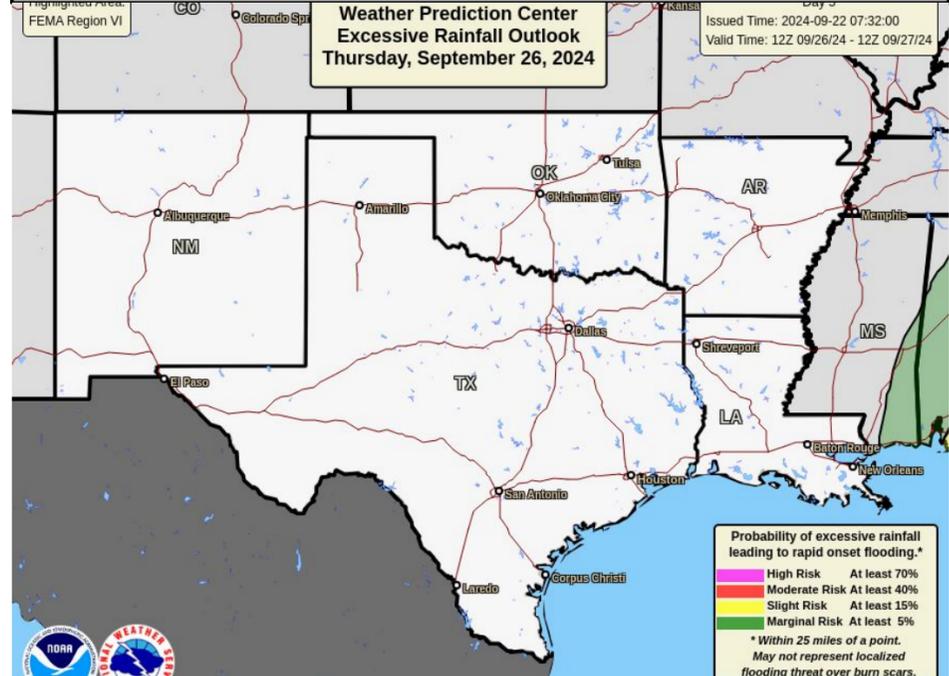


Watching for potential development in the Gulf of Mexico. Too early to know if FEMA 6 will be impacted.

Severe Weather Outlook



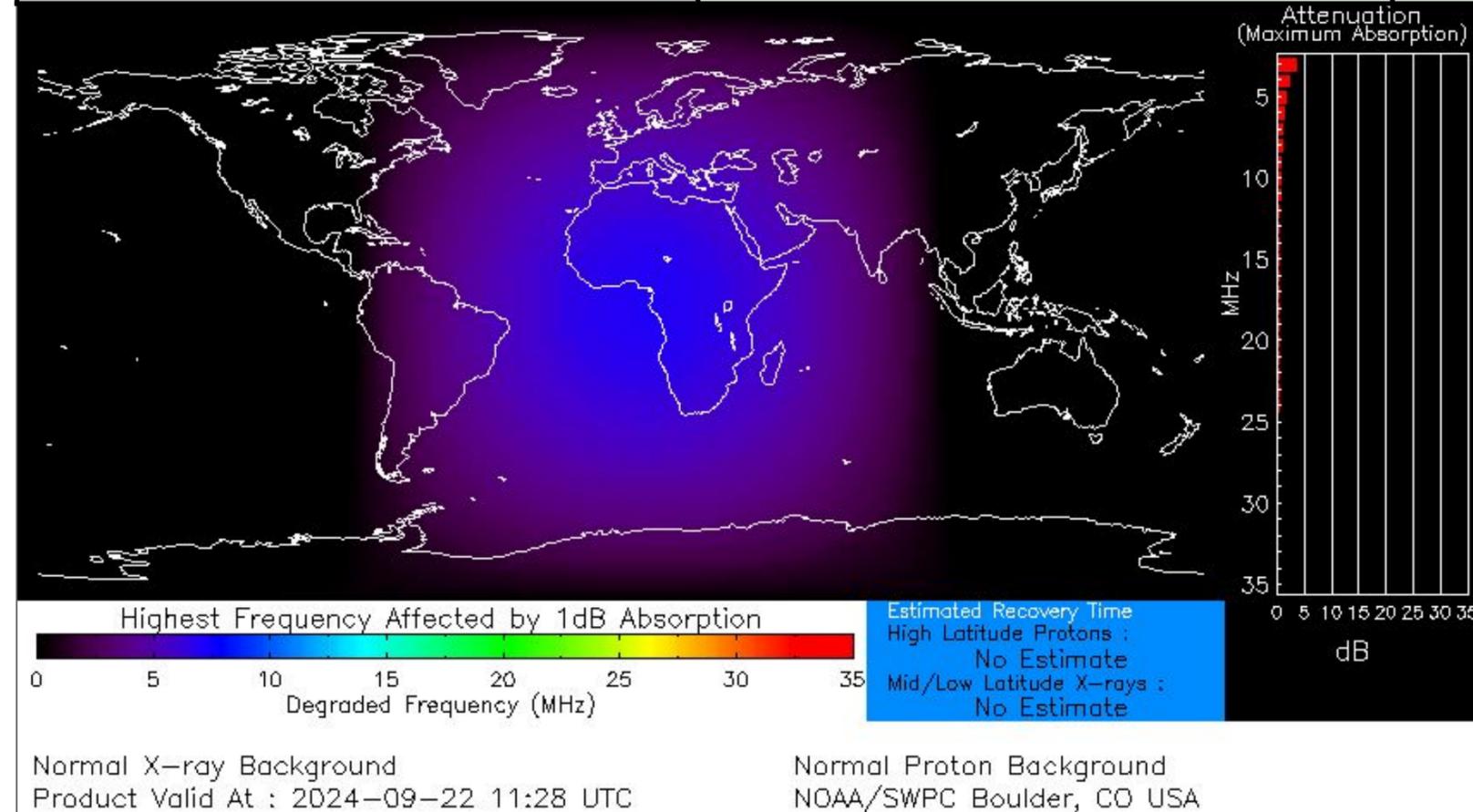
Excessive Rainfall Outlook





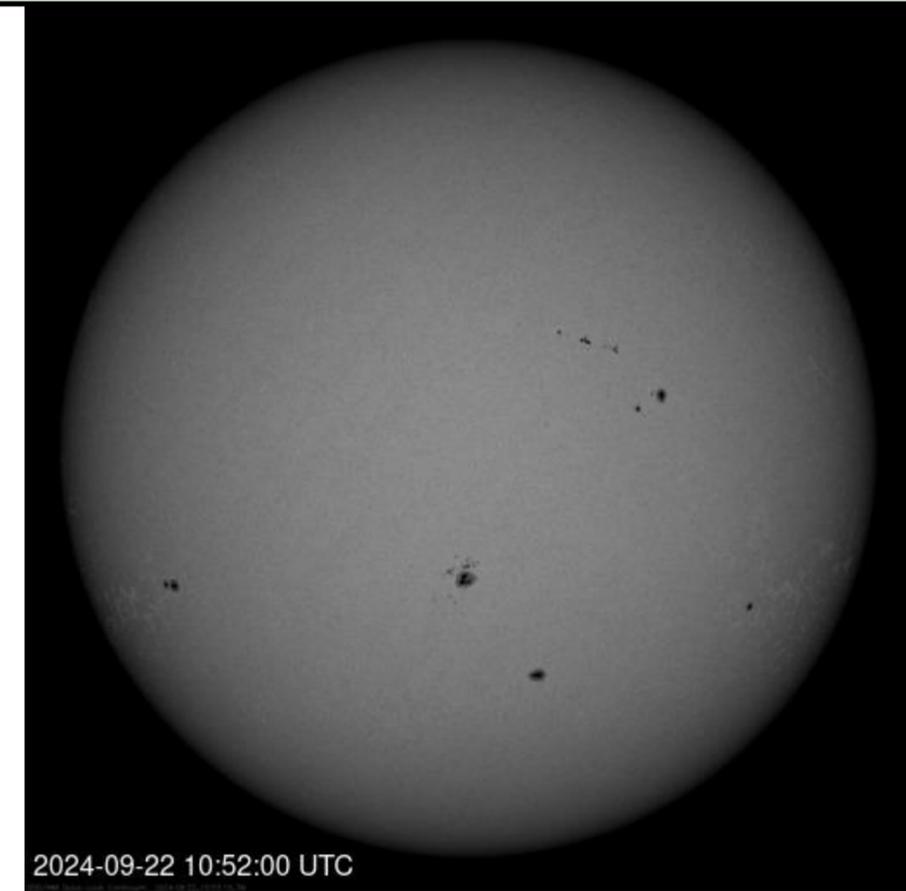
Space Weather 3-Day Forecast

| | Sunday, Sep 22 | Monday, Sep 23 | Tuesday, Sep 24 |
|--------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Geomagnetic Storms | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) |
| Solar Radiation Storm (S1-S5) | 5% | 5% | 5% |
| Radio Blackout (R1-R2) | 30% | 30% | 30% |
| Radio Blackout (R3-R5) | 5% | 5% | 5% |



[Description of the Space Weather Storm Scales](#)

[Latest 3-Day Space Weather Forecast](#)



Weather "Threat" Matrix for FEMA Region VI

| Color | Definition | Criteria | Example(s) |
|--------|--|---|--|
| Green | <p style="text-align: center;">Little to None</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 seabreeze storms in coastal TX |
| Yellow | <p style="text-align: center;">Minor</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;">Moderate</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;">Major</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;">Extreme</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



National Weather Service

Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



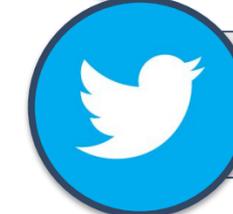
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