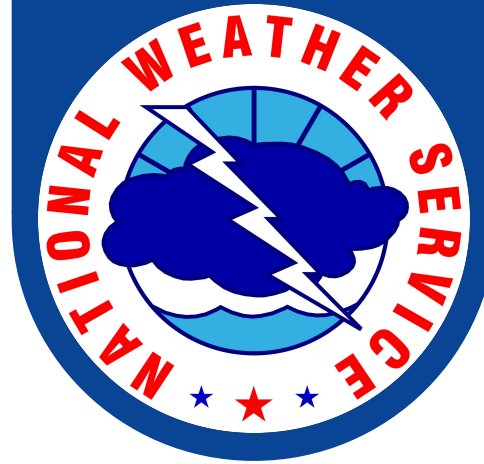




# FEMA



Prepared by  
*Melissa Beat*

# FEMA Region 6 Weather Threat Briefing

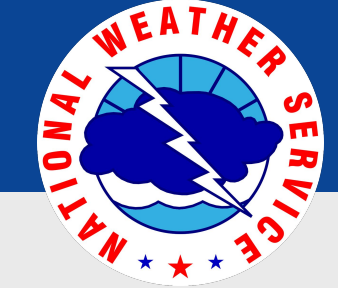
## Monday, September 29, 2025

**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).



National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

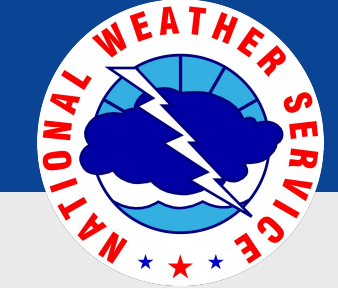
National Weather Service  
Southern Region



# Summary

- **Flash Flooding:**
  - **Marginal risk (level 1 of 4) over S NM today.**
  - **NM Burn Scars: Major (level 3 of 4) today in the south and Moderate (level 2 of 4) in the north.**
- **Tropical Weather:**
  - **Hurricane Humberto is expected to remain out in the Atlantic Ocean and not impact FEMA 6.**
  - **Tropical Storm Imelda is forecast to move northward and strengthen into a hurricane on Tuesday. Track forecast has high confidence in a turn to the east on Tuesday. FEMA 6 impacts are not expected over the next week.**





# FEMA Region 6 Threat Matrix

Next 7 days

|                                | Monday, Sep 29 | Tuesday, Sep 30 | Wednesday, Oct 1 | Thursday, Oct 2 | Friday, Oct 3 | Saturday, Oct 4 | Sunday, Oct 5 |
|--------------------------------|----------------|-----------------|------------------|-----------------|---------------|-----------------|---------------|
| Severe Storms                  |                |                 |                  |                 |               |                 |               |
| Heavy Rain /<br>Flash Flooding | S NM           |                 |                  |                 |               |                 |               |
| Burn Scars                     | S NM           |                 |                  |                 |               |                 |               |
|                                | N NM           |                 |                  |                 |               |                 |               |
| Tropical                       |                |                 |                  |                 |               |                 |               |
| Heat                           |                |                 |                  |                 |               |                 |               |
| River Flooding                 |                |                 |                  |                 |               |                 |               |

*\*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.*

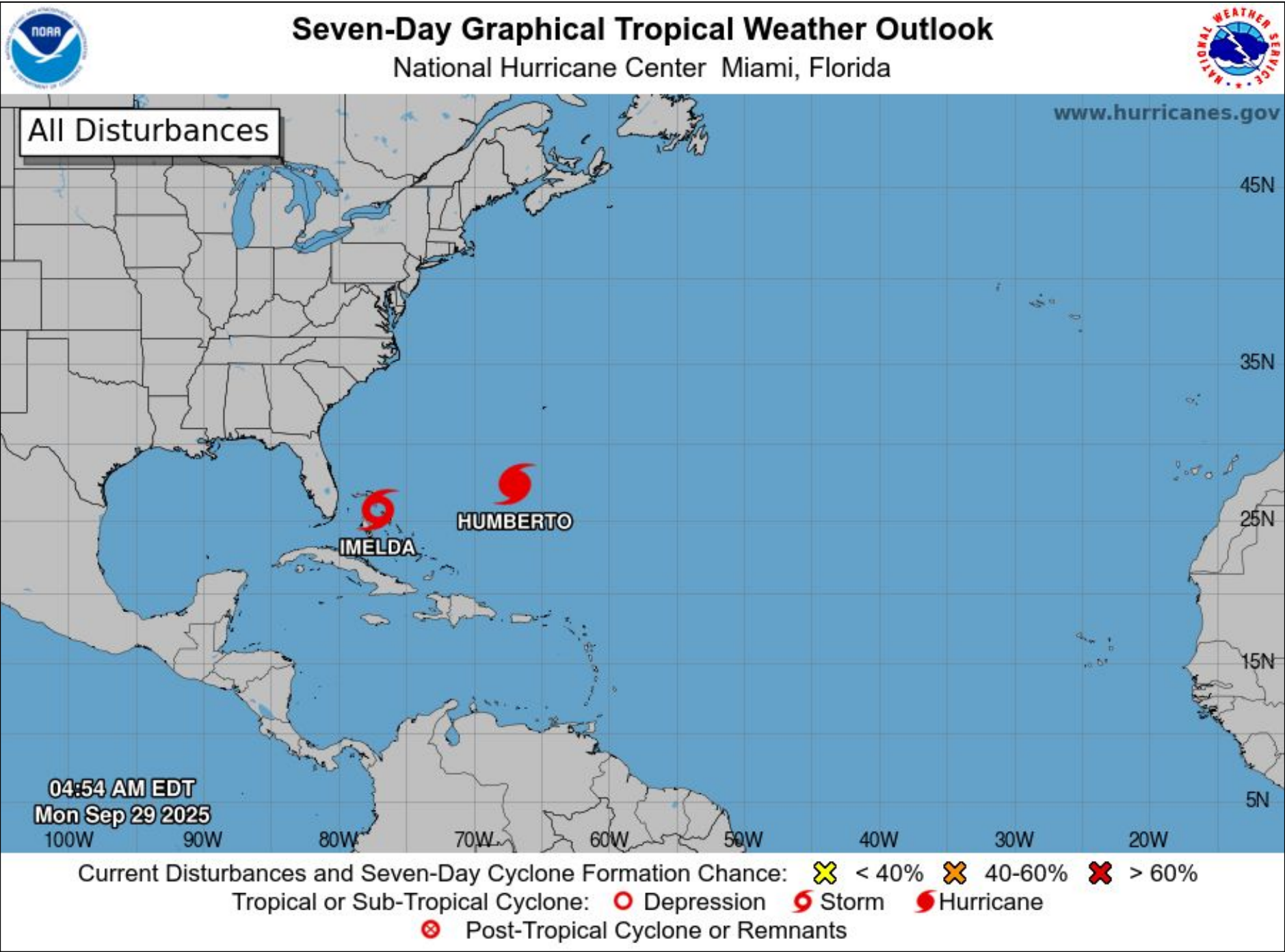
|             |                |       |          |       |         |
|-------------|----------------|-------|----------|-------|---------|
| Risk Levels | Little to None | Minor | Moderate | Major | Extreme |
|-------------|----------------|-------|----------|-------|---------|



# Tropical Weather Outlook – Atlantic/Gulf

| Areas of Possible Development |                       |                             |
|-------------------------------|-----------------------|-----------------------------|
| Area                          | Chance of Development | Potential Impacts to FEMA 6 |
|                               |                       |                             |

| Active Tropical Cyclones |                             |
|--------------------------|-----------------------------|
| Storm                    | Potential Impacts to FEMA 6 |
| Humberto                 | None                        |
| Imelda                   | None                        |



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

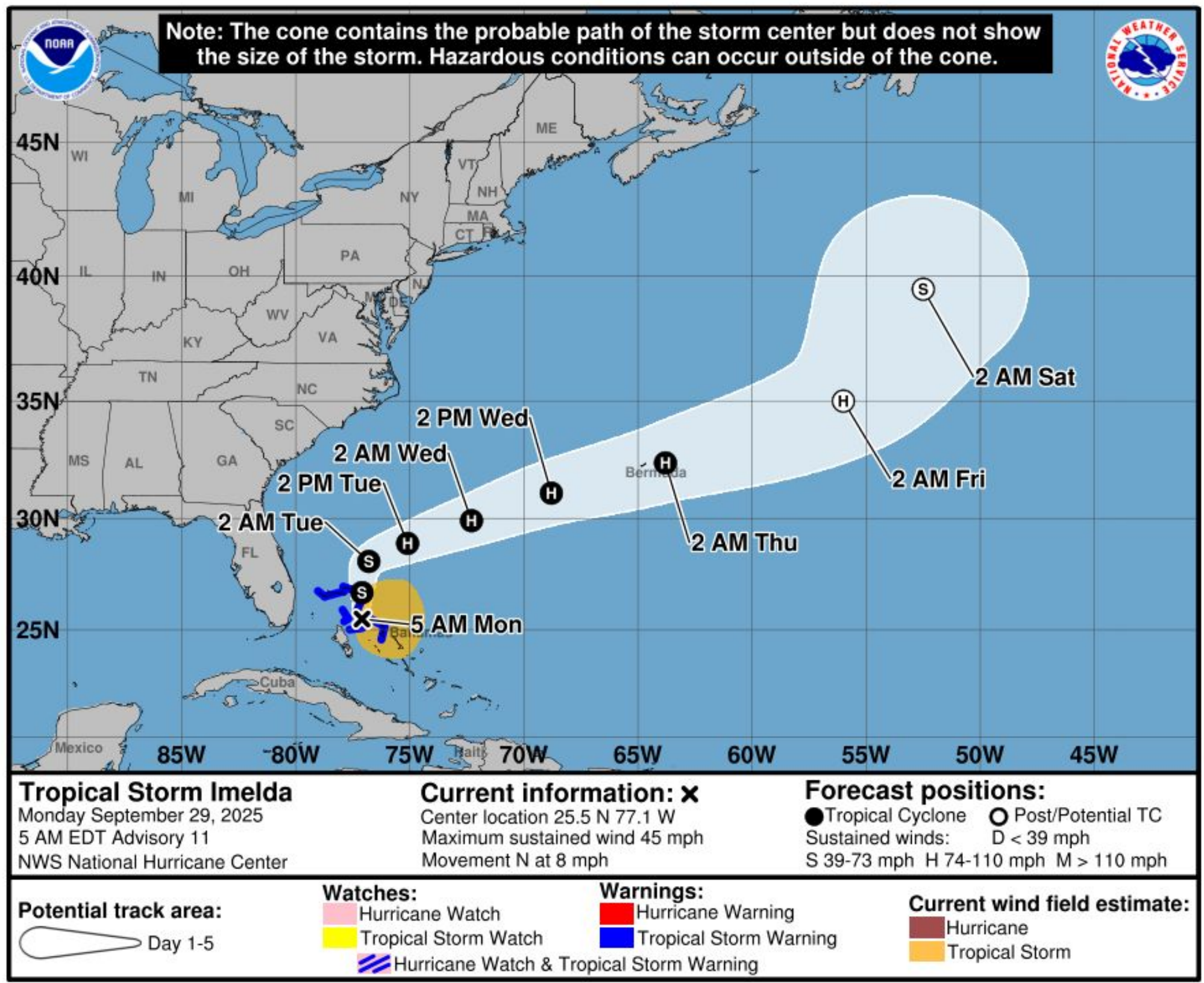






# Tropical Storm Imelda

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



No impacts to FEMA 6.

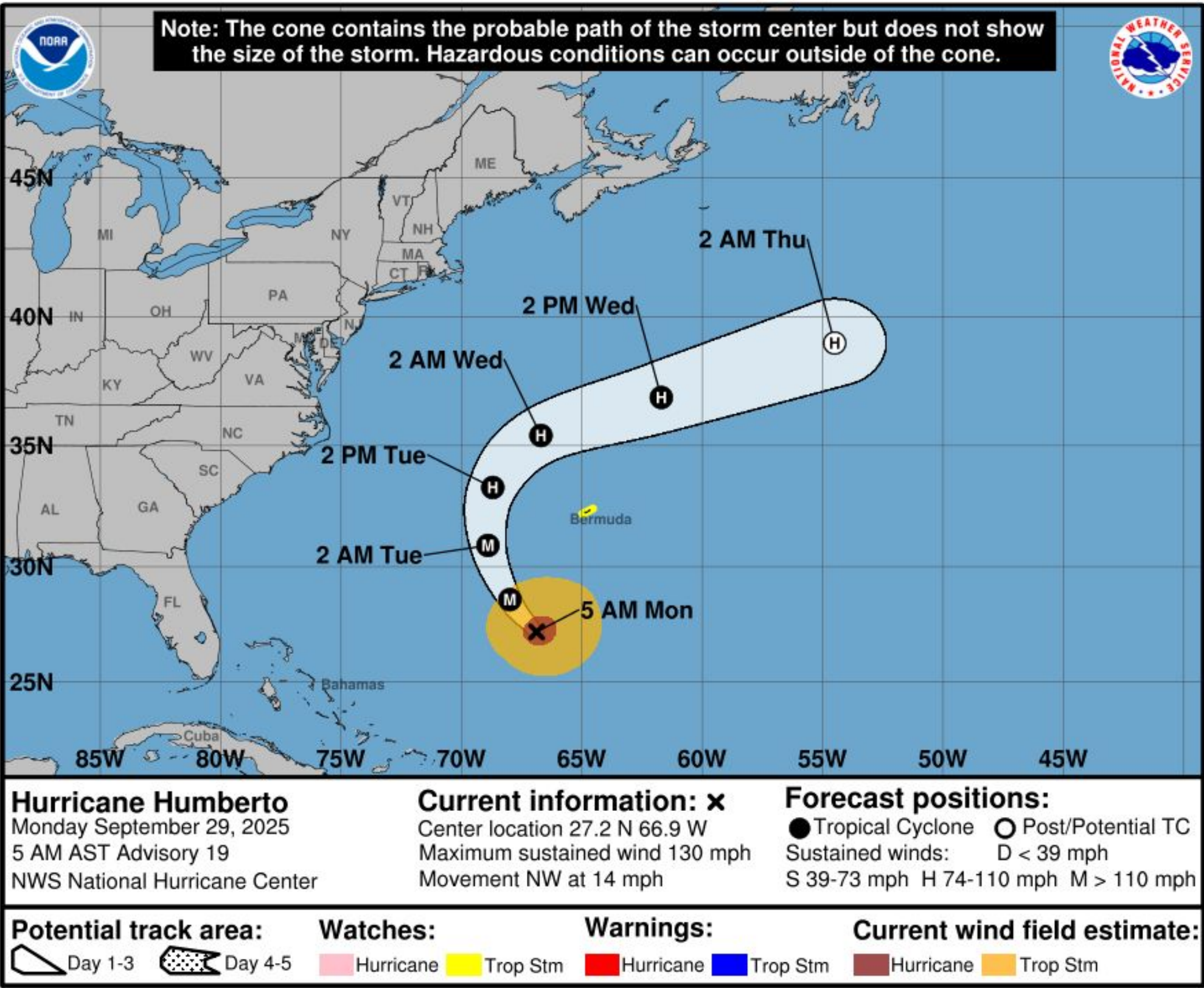






# Hurricane Humberto

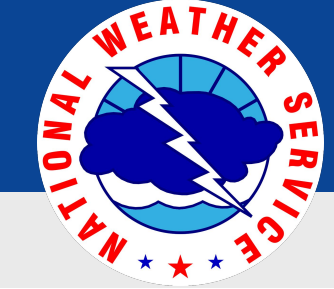
See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



No impacts to FEMA 6.

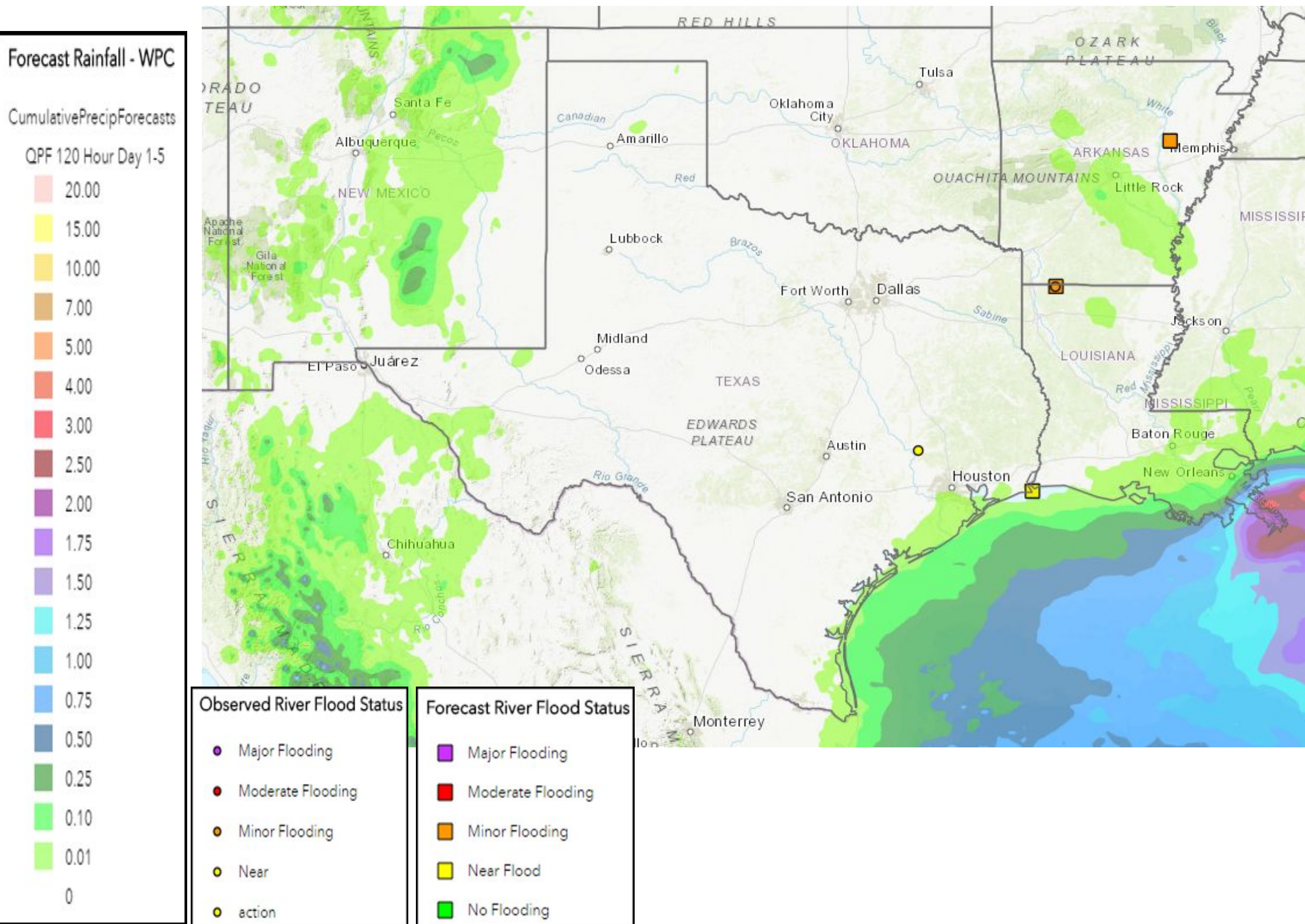






# 5-Day Precipitation Forecast & River Flood Status

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

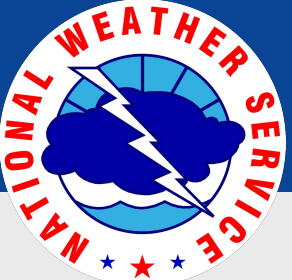


**Isolated minor flooding in NW LA may continue to flood lowlands through today. The Cache River at Patterson in AR is forecast to reach minor flood on Wednesday with swampy timberland near the river flooding.**

*Note: Numerical levels (e.g. level 1 of 4) will not be assigned to riverine flooding due to the varying levels of impacts across flood categories.*

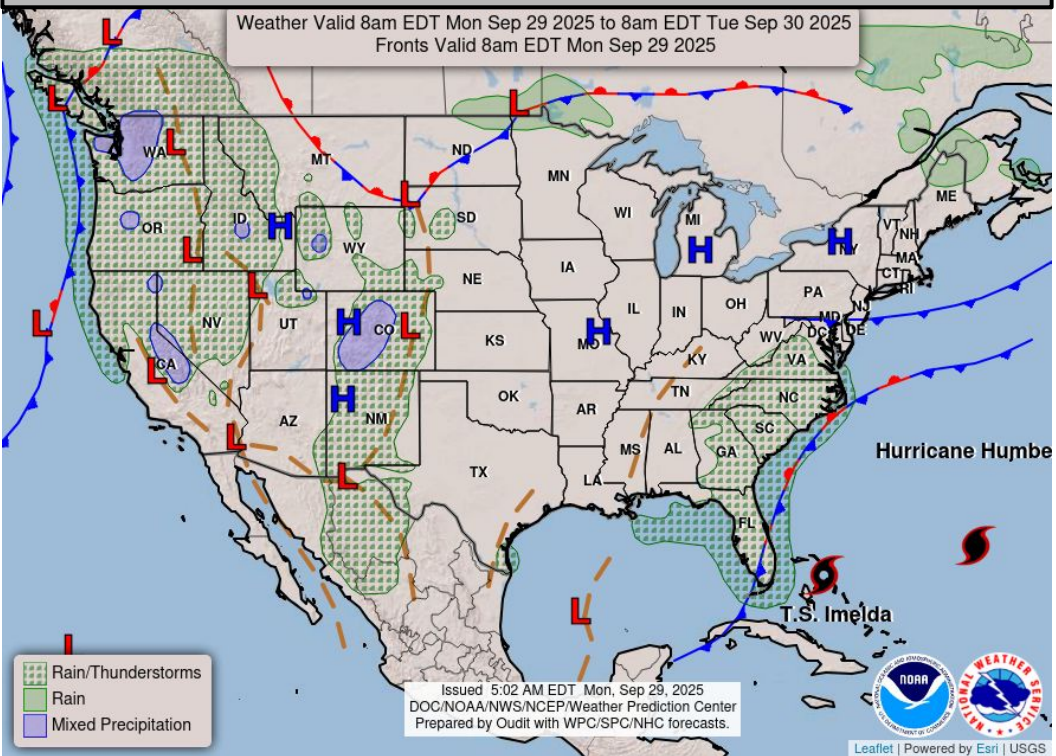




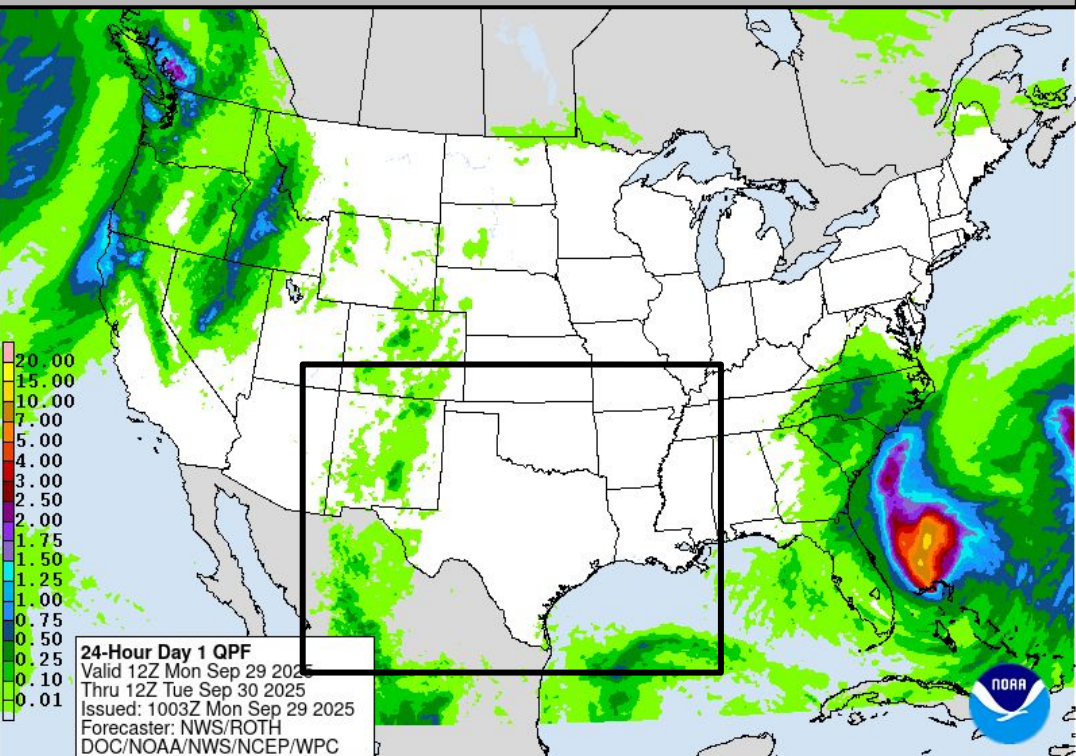


# Today's Weather

## Forecast Chart

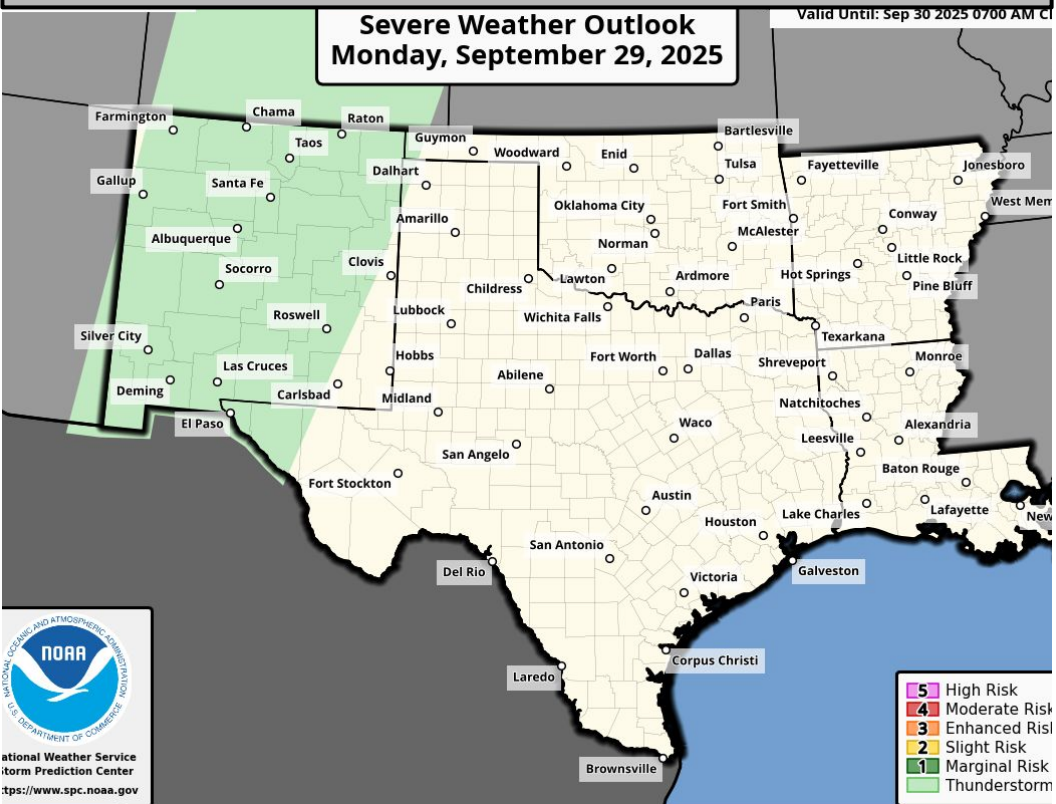


## Forecast Rainfall

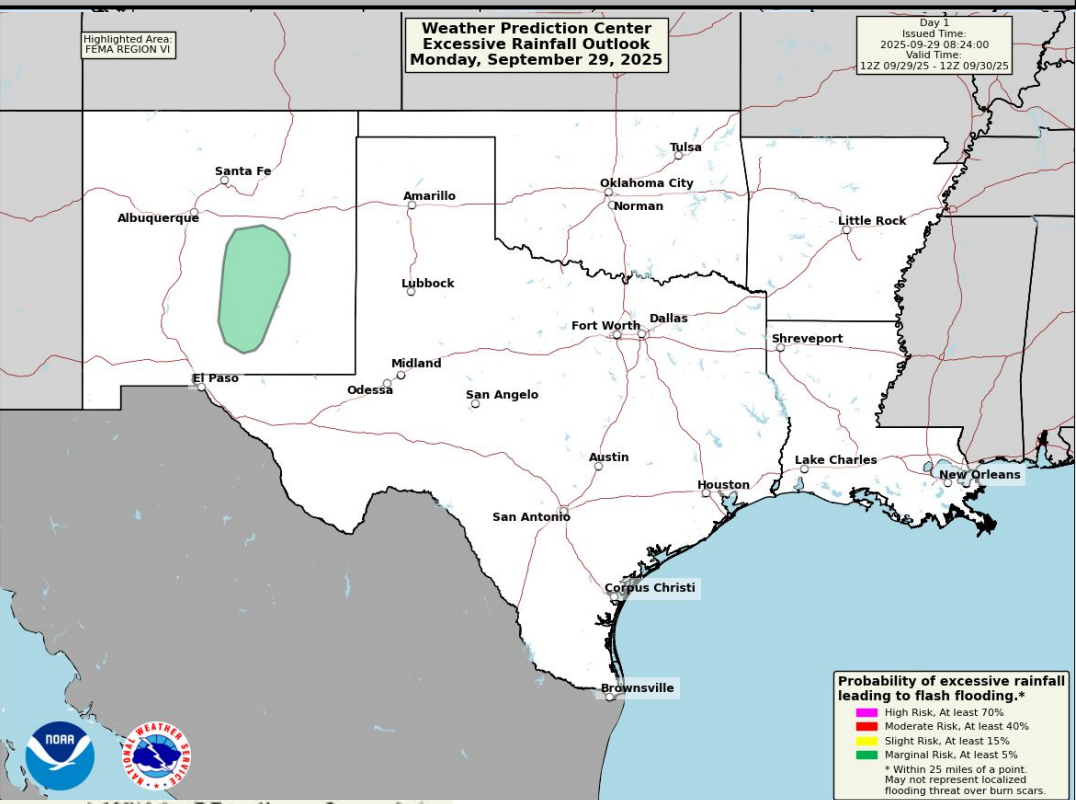


**Marginal risk (level 1 of 4) for flash flooding in S NM.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

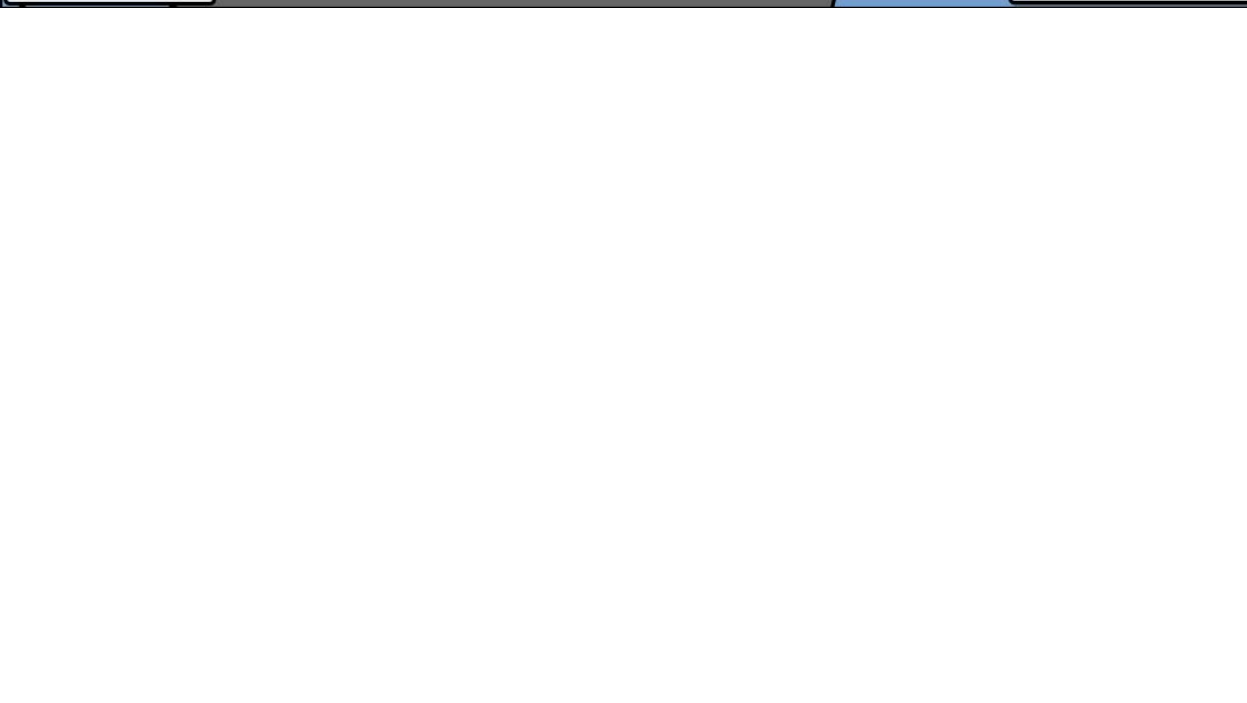
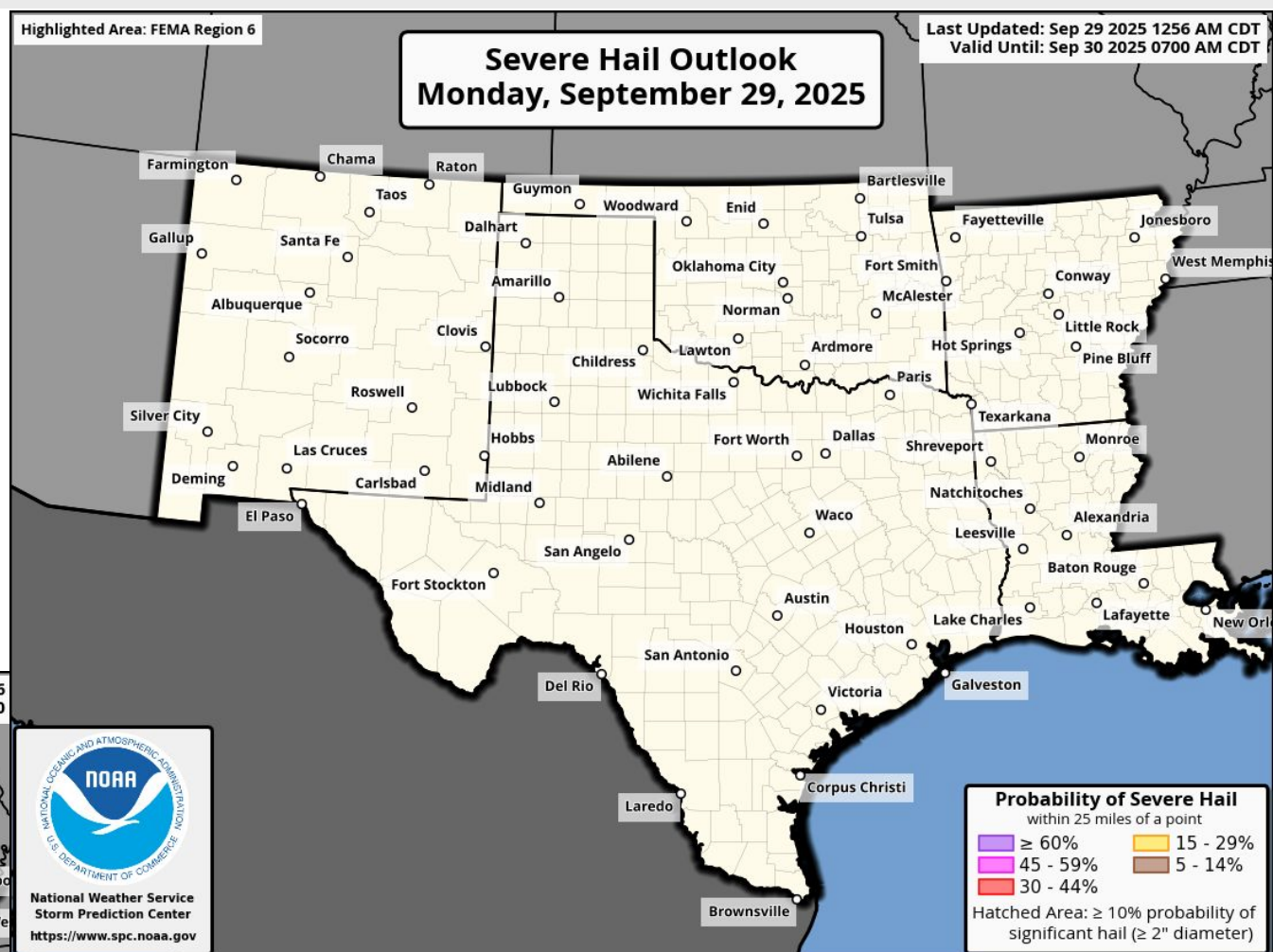
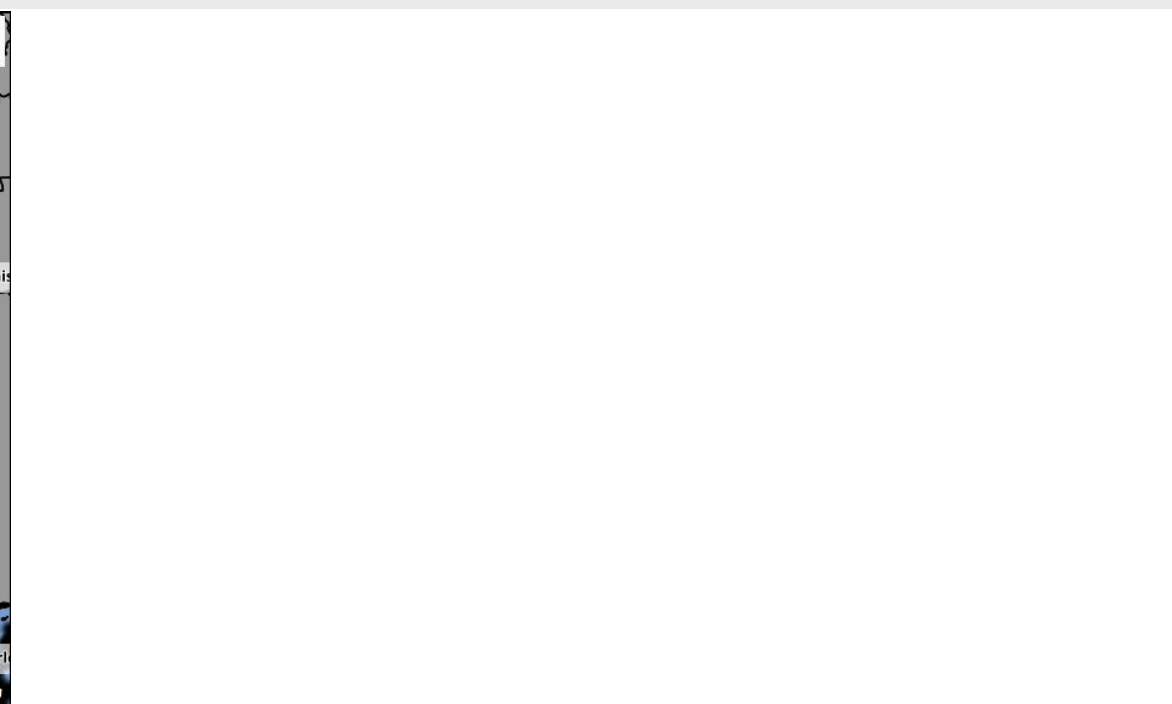
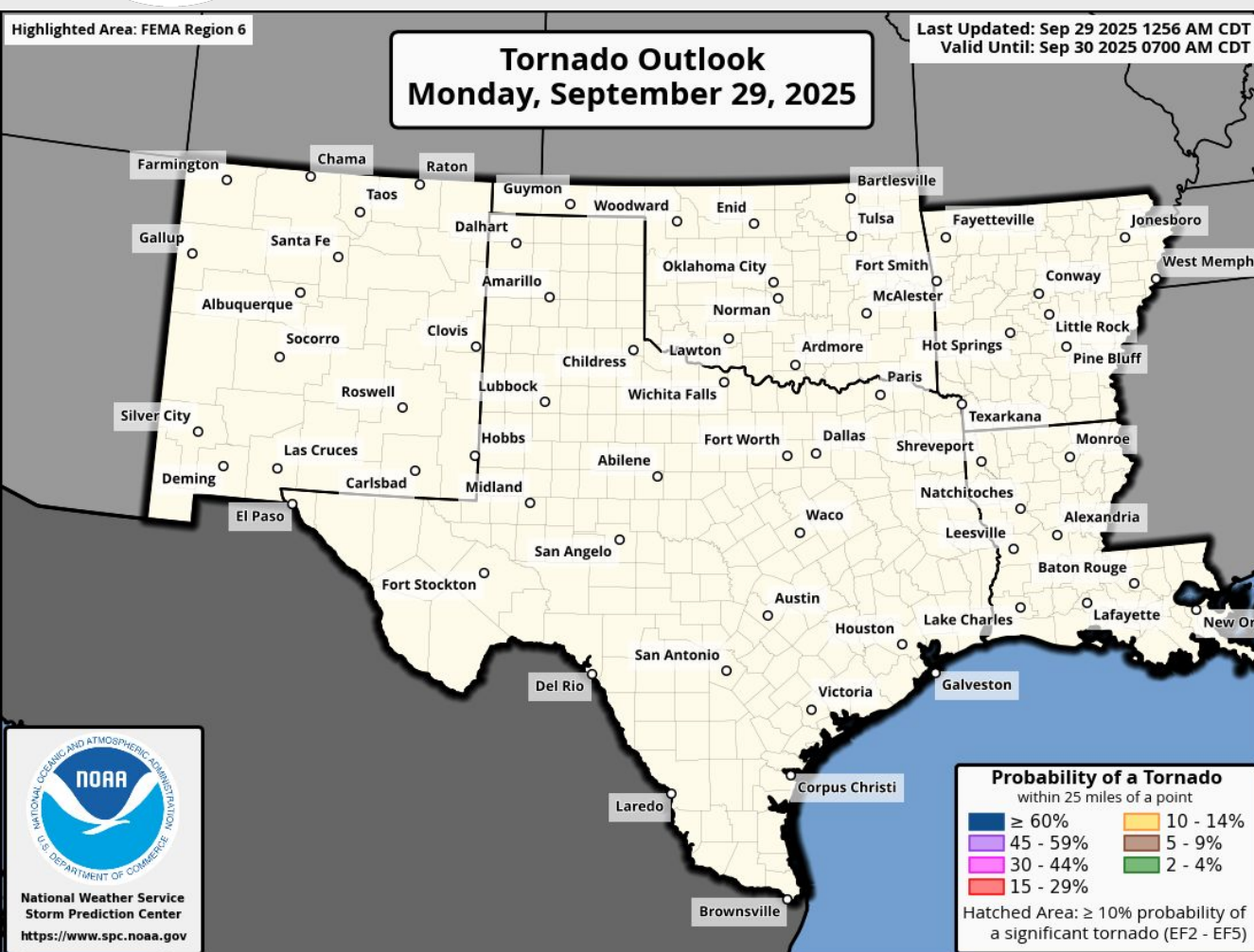


**\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\***

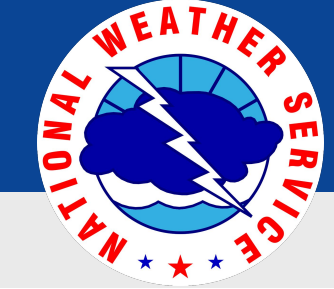




# Today's Tornado & Severe Wind / Hail Probabilities



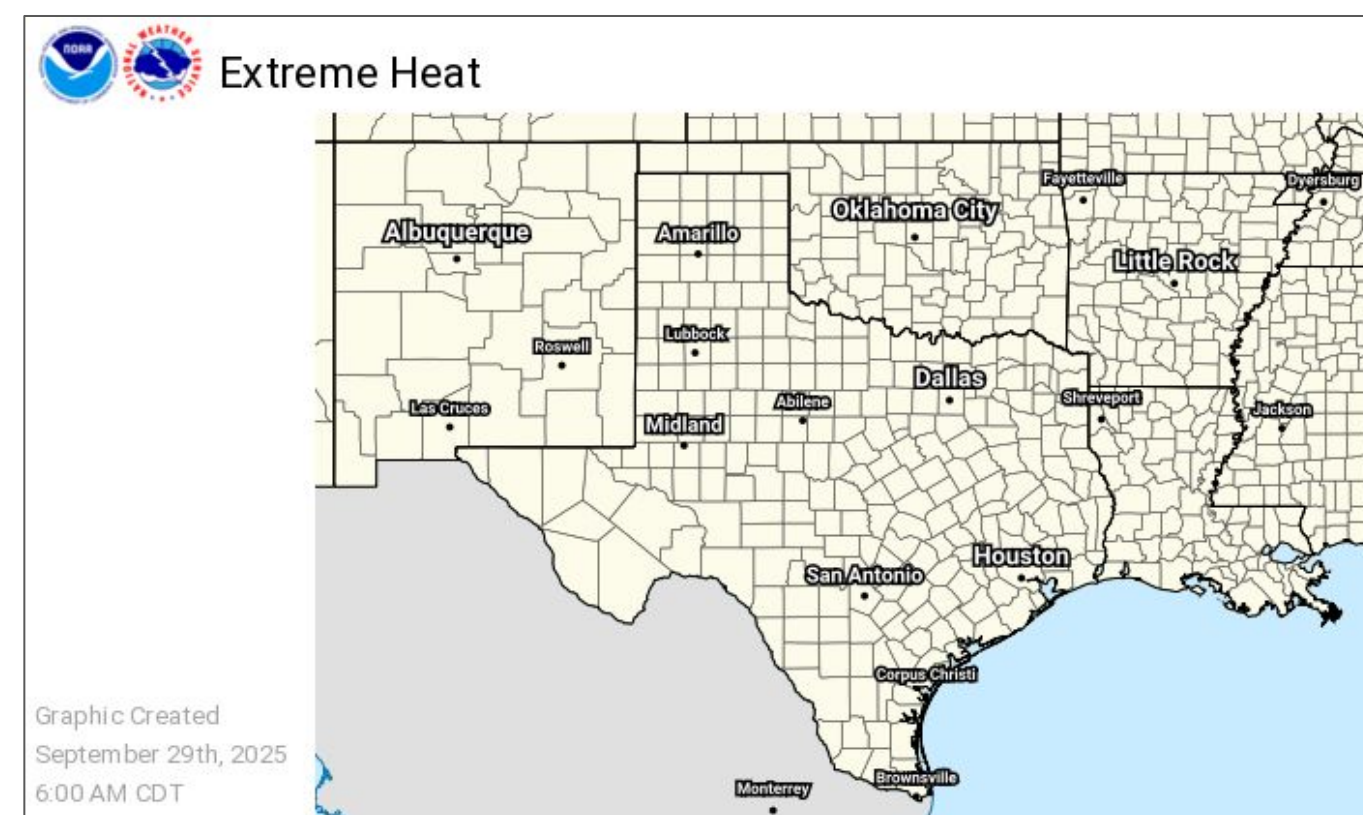
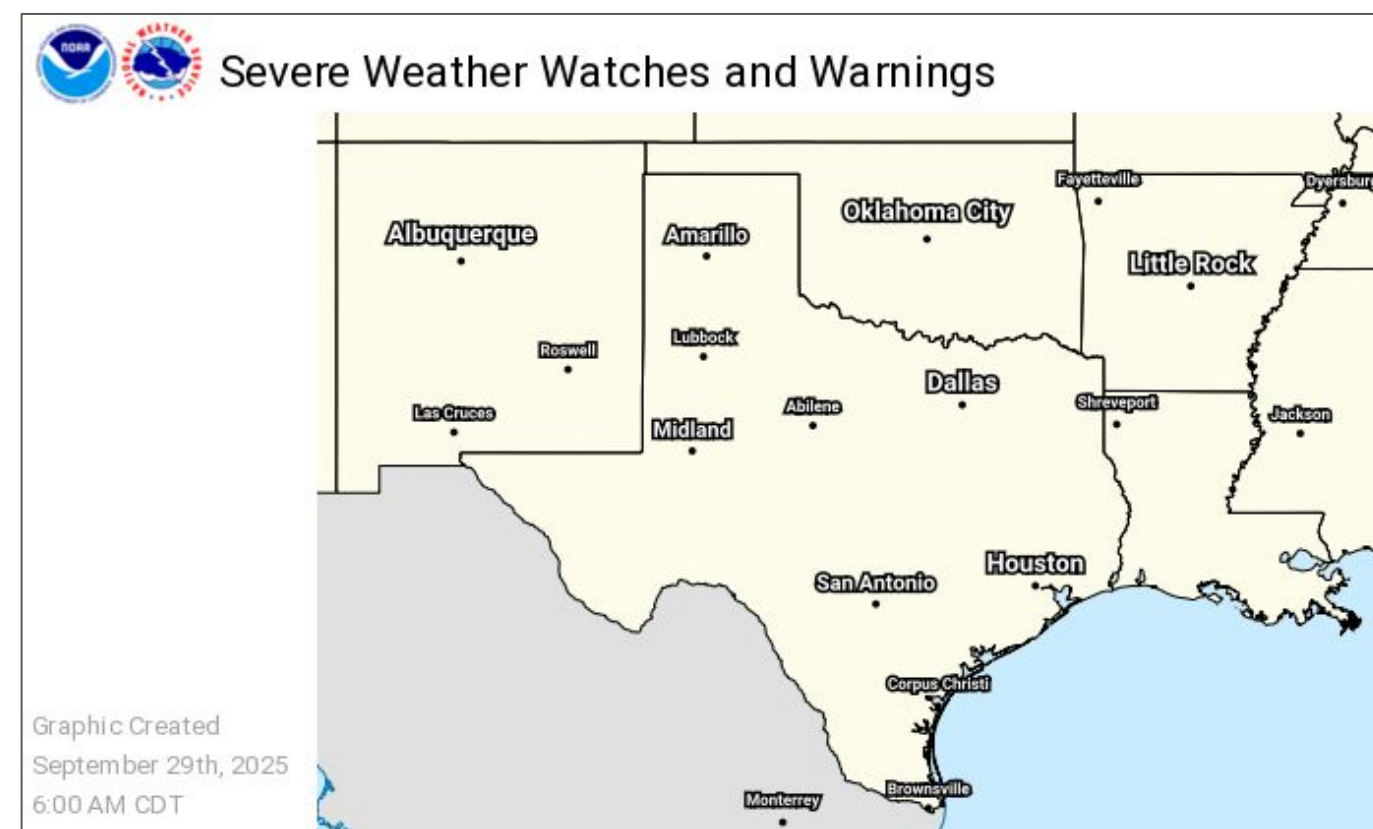




# Watches, Warnings, and Advisories

Wind, Severe, Heat, and Flood Hazards

**Flood Watch over the Ruidoso burn scar area for this afternoon/evening. Rainfall rates up to 1" per hr.**



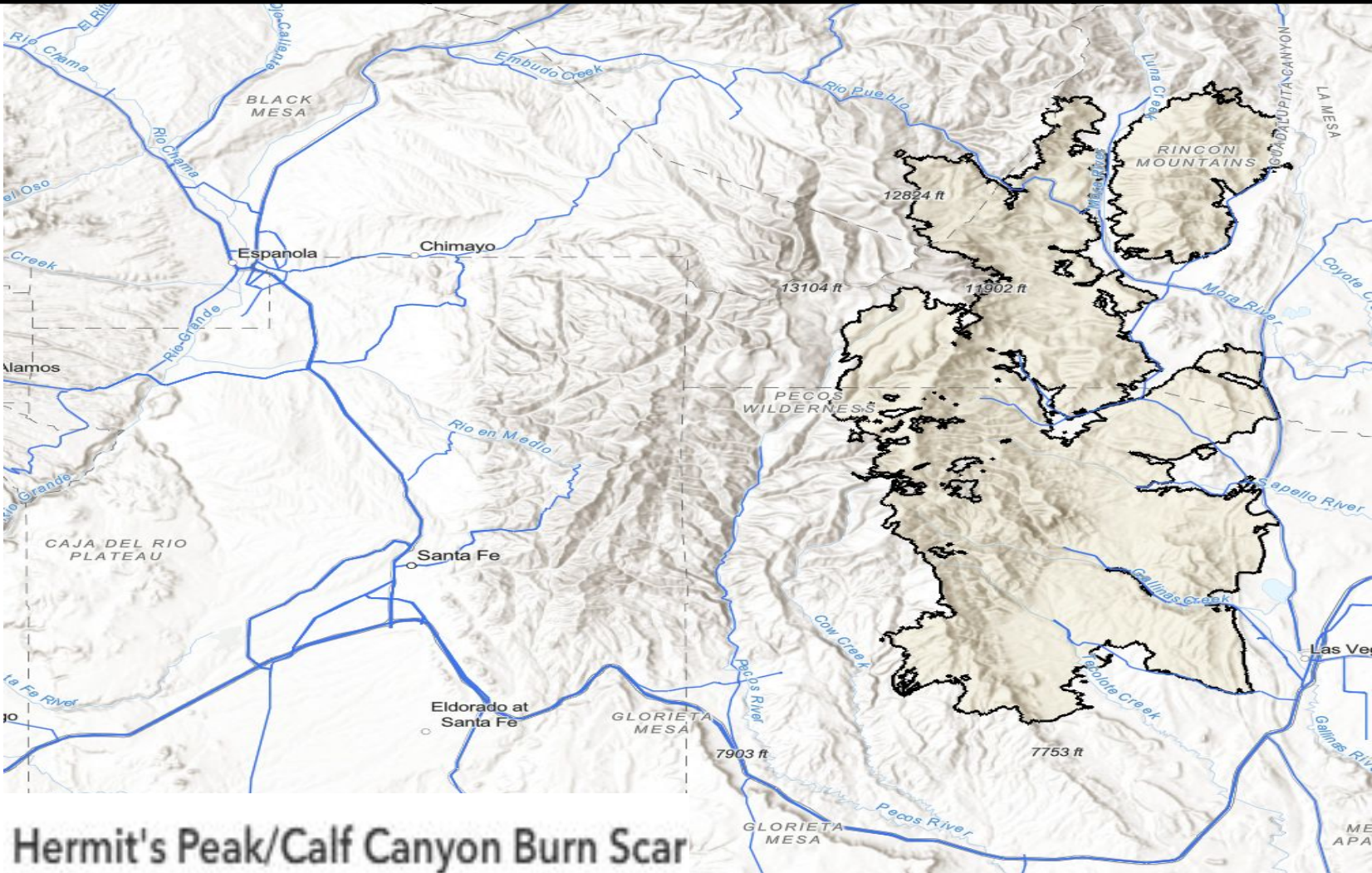




# Burn Scar Debris Flow Risk - HPCC Scar New Mexico

## Hermit's Peak/Calf Canyon Burn Scar

|                | Monday, Sep 29 | Tuesday, Sep 30 | Wednesday, Oct 1 | Thursday, Oct 2 |
|----------------|----------------|-----------------|------------------|-----------------|
| Flash Flooding | Moderate       |                 |                  |                 |
| Timing - CDT   | 2pm - 10pm     |                 |                  |                 |



Hermit's Peak/Calf Canyon Burn Scar

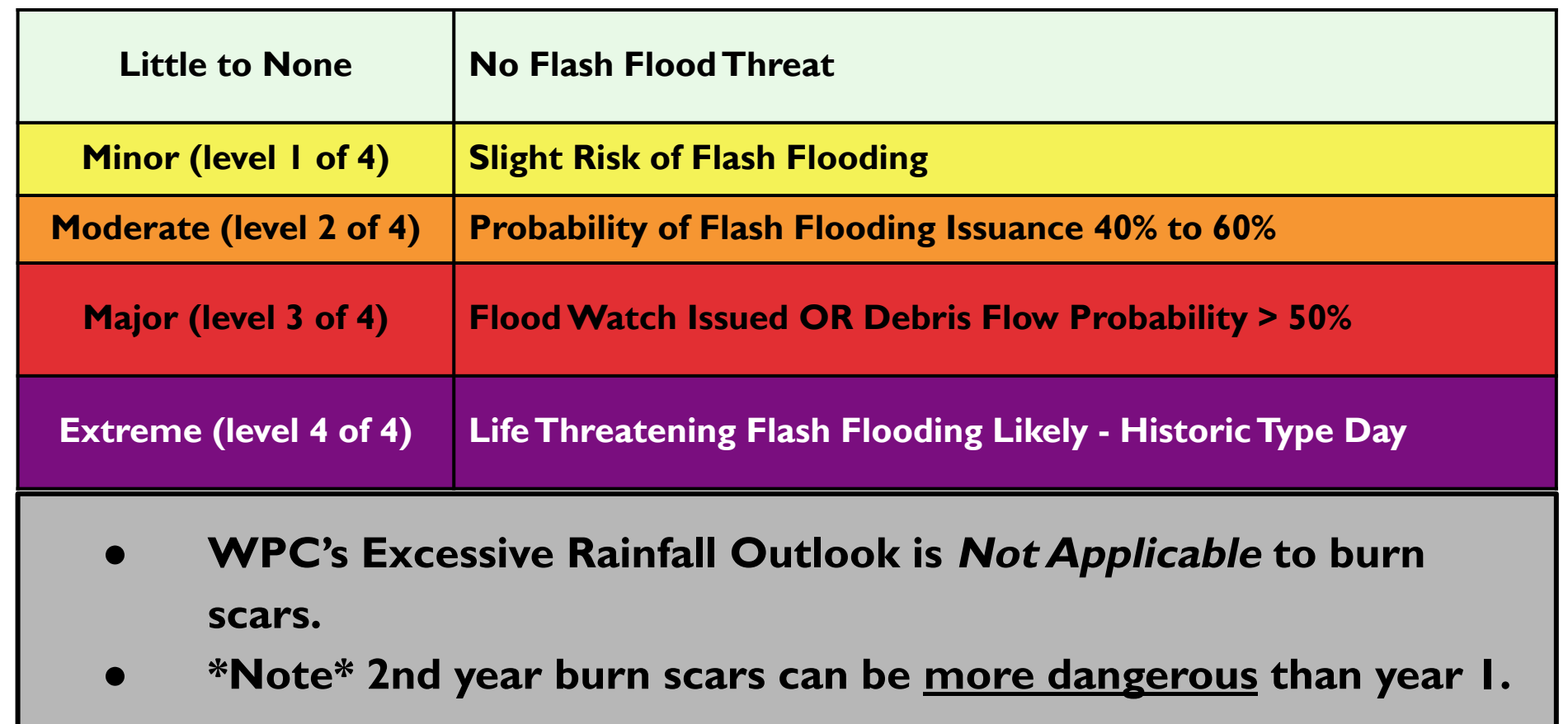
|  |  |
|--|--|
| Little to None   | No Flash Flood Threat                                      |
| Minor (level 1 of 4)   | Slight Risk of Flash Flooding                              |
| Moderate (level 2 of 4)  | Probability of Flash Flooding Issuance 40% to 60%          |
| Major (level 3 of 4)   | Flood Watch Issued OR Debris Flow Probability > 50%        |
| Extreme (level 4 of 4)   | Life Threatening Flash Flooding Likely - Historic Type Day |
| <ul style="list-style-type: none"><li>WPC's Excessive Rainfall Outlook is <i>Not Applicable</i> to burn scars.</li></ul> |  |







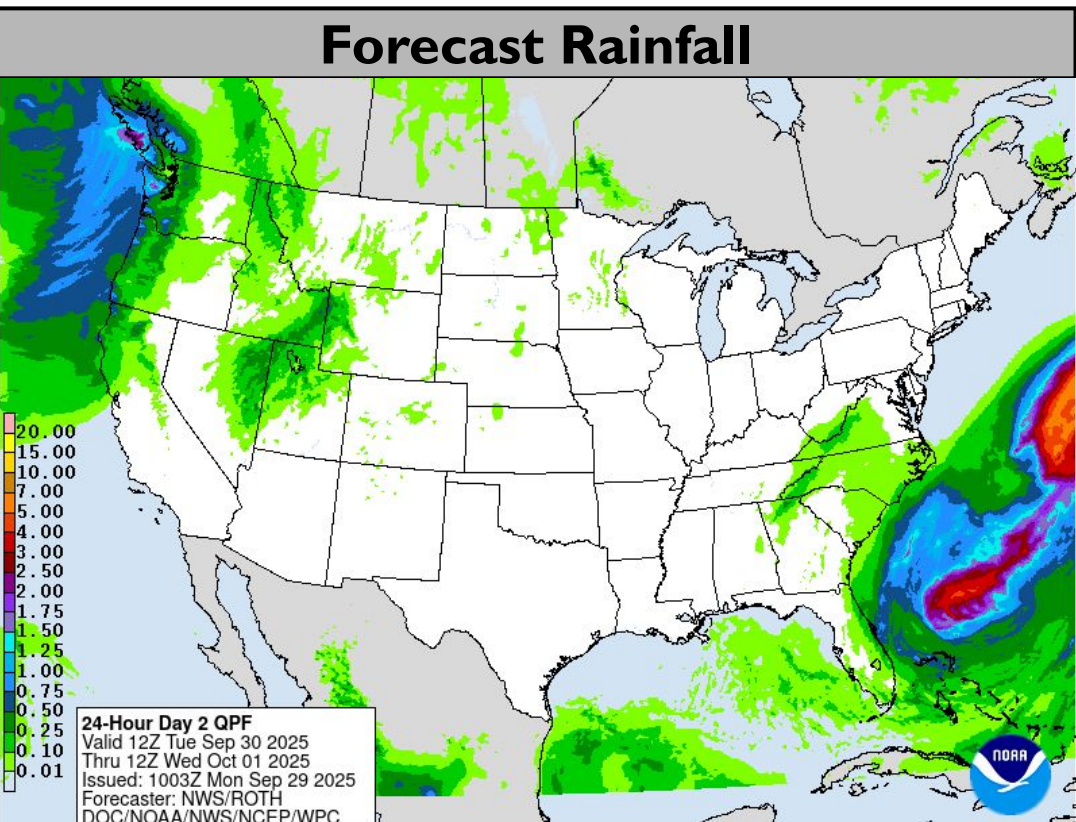
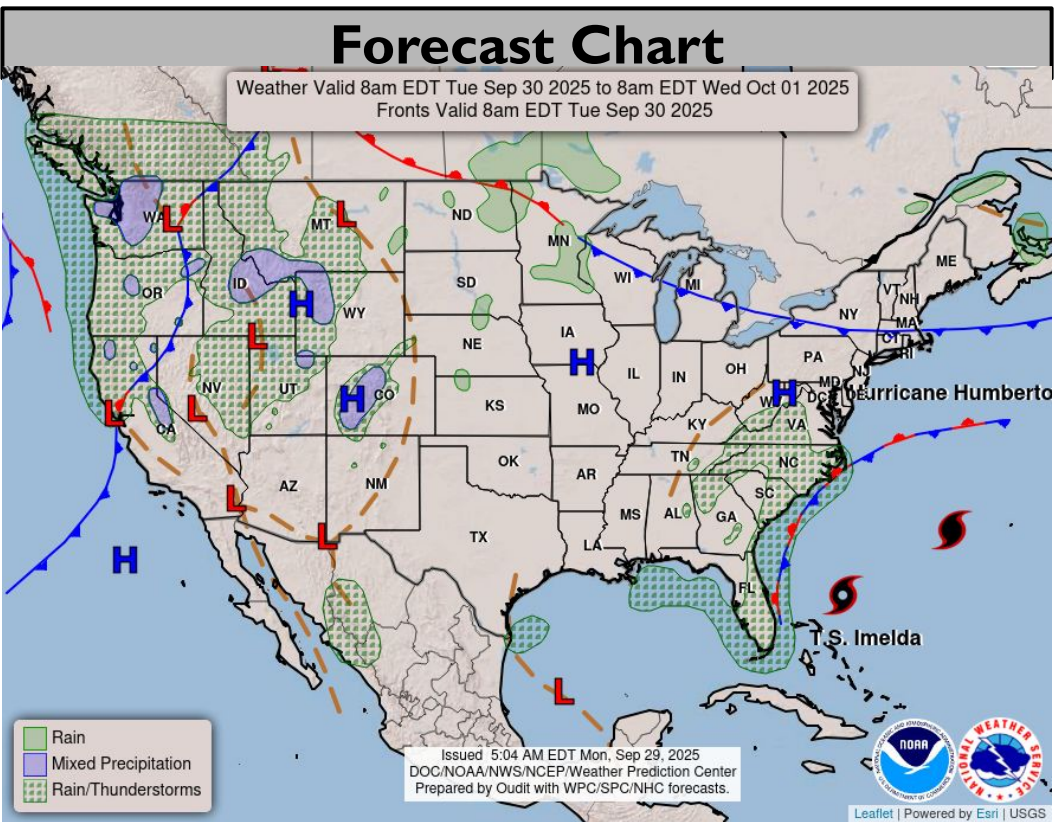
|                | Monday, Sep 29 | Tuesday, Sep 30 | Wednesday, Oct 1 | Thursday, Oct 2 |
|----------------|----------------|-----------------|------------------|-----------------|
| Flash Flooding | Major          |                 |                  |                 |
| Timing - CDT   | 2pm - 10pm     |                 |                  |                 |



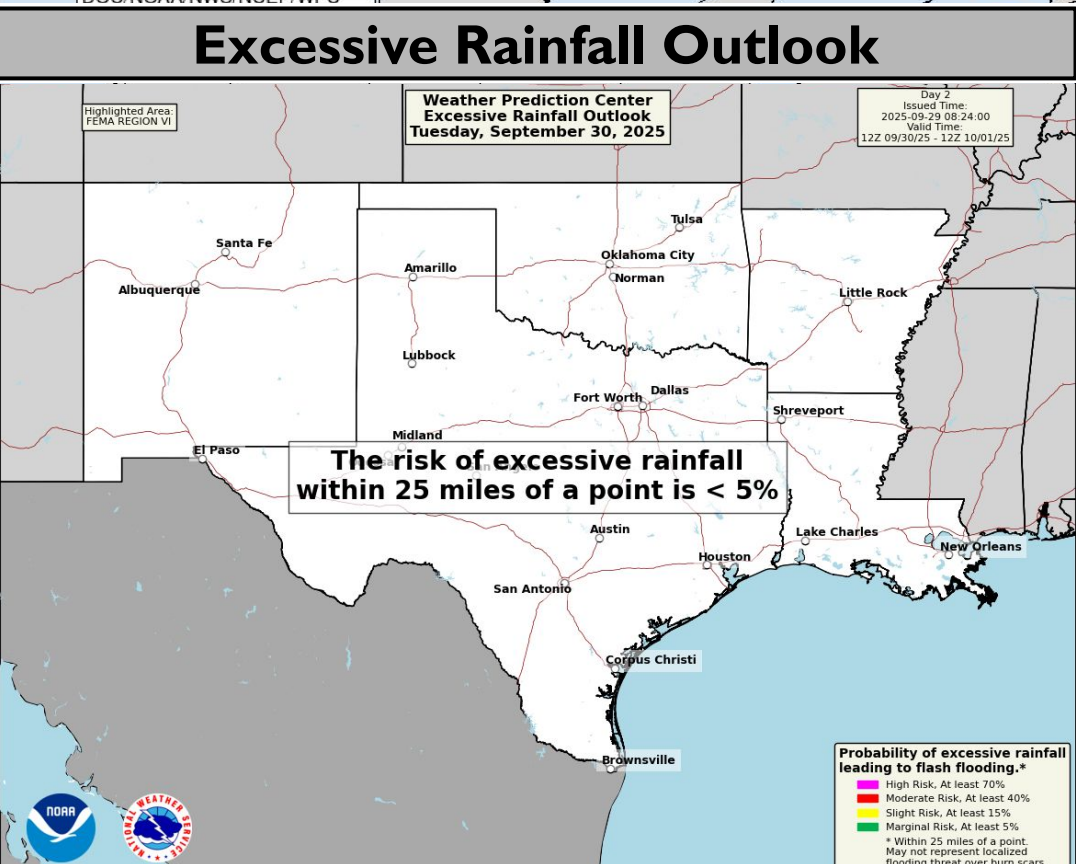
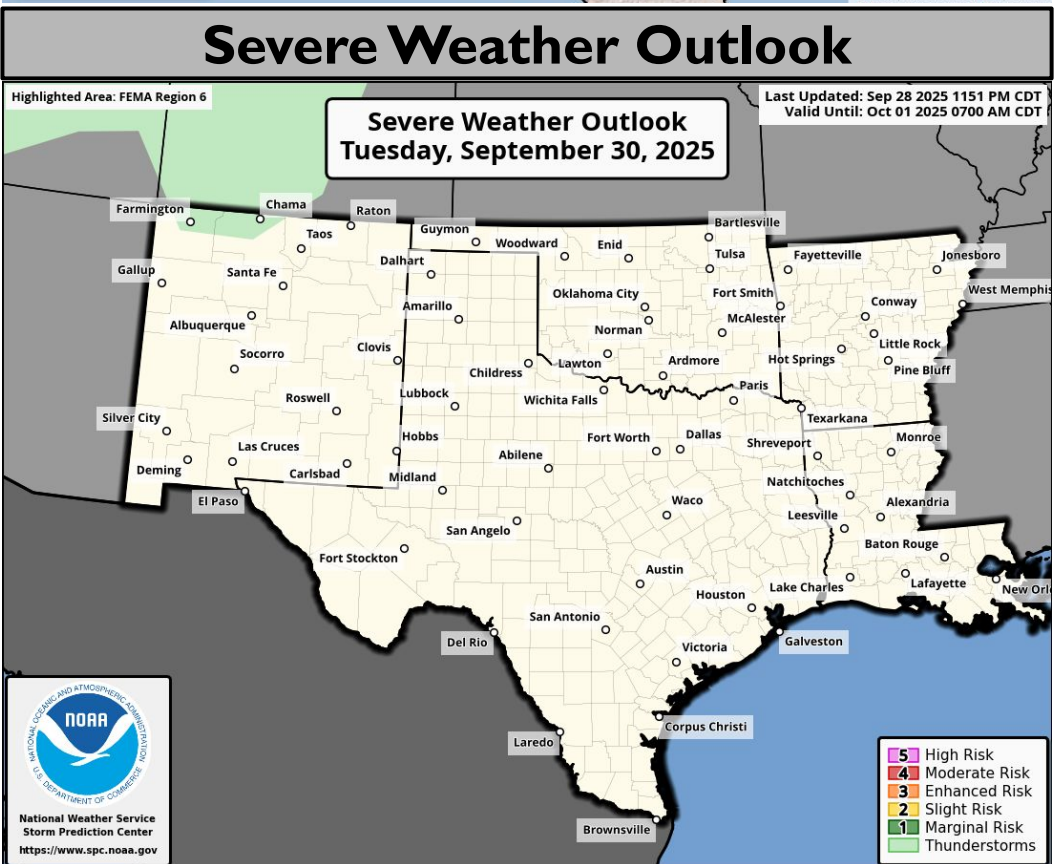




# Tomorrow's Weather

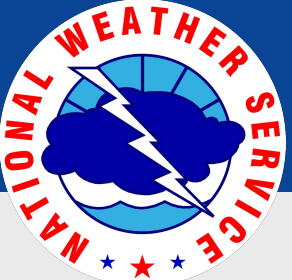


No significant weather expected.

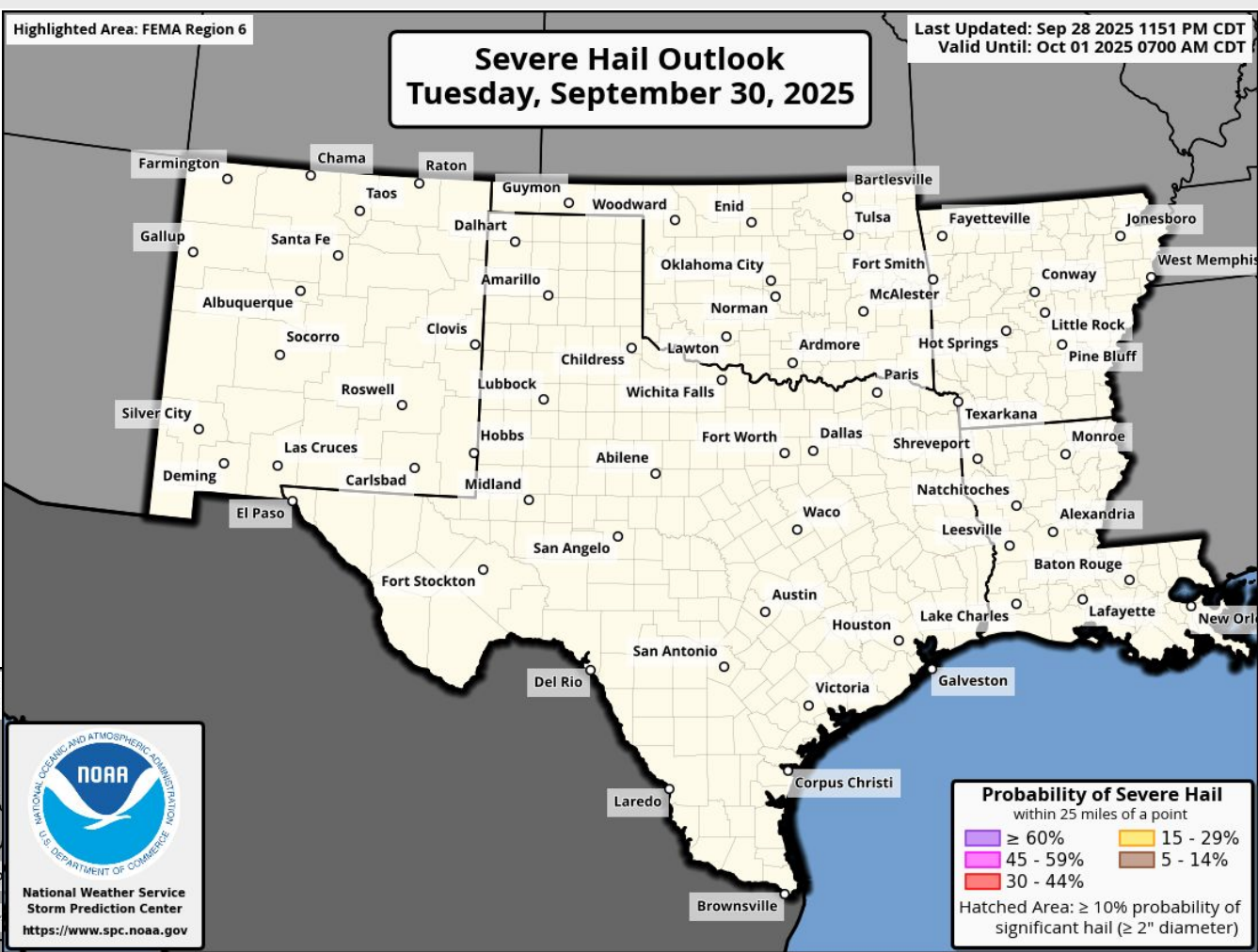
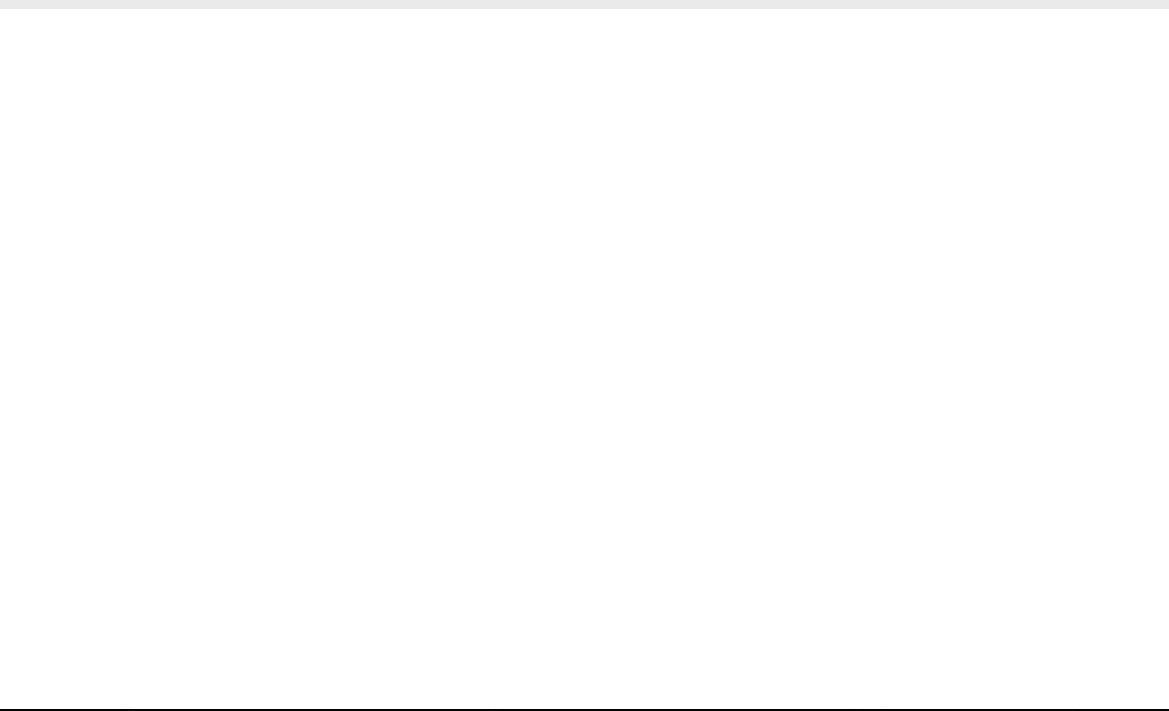
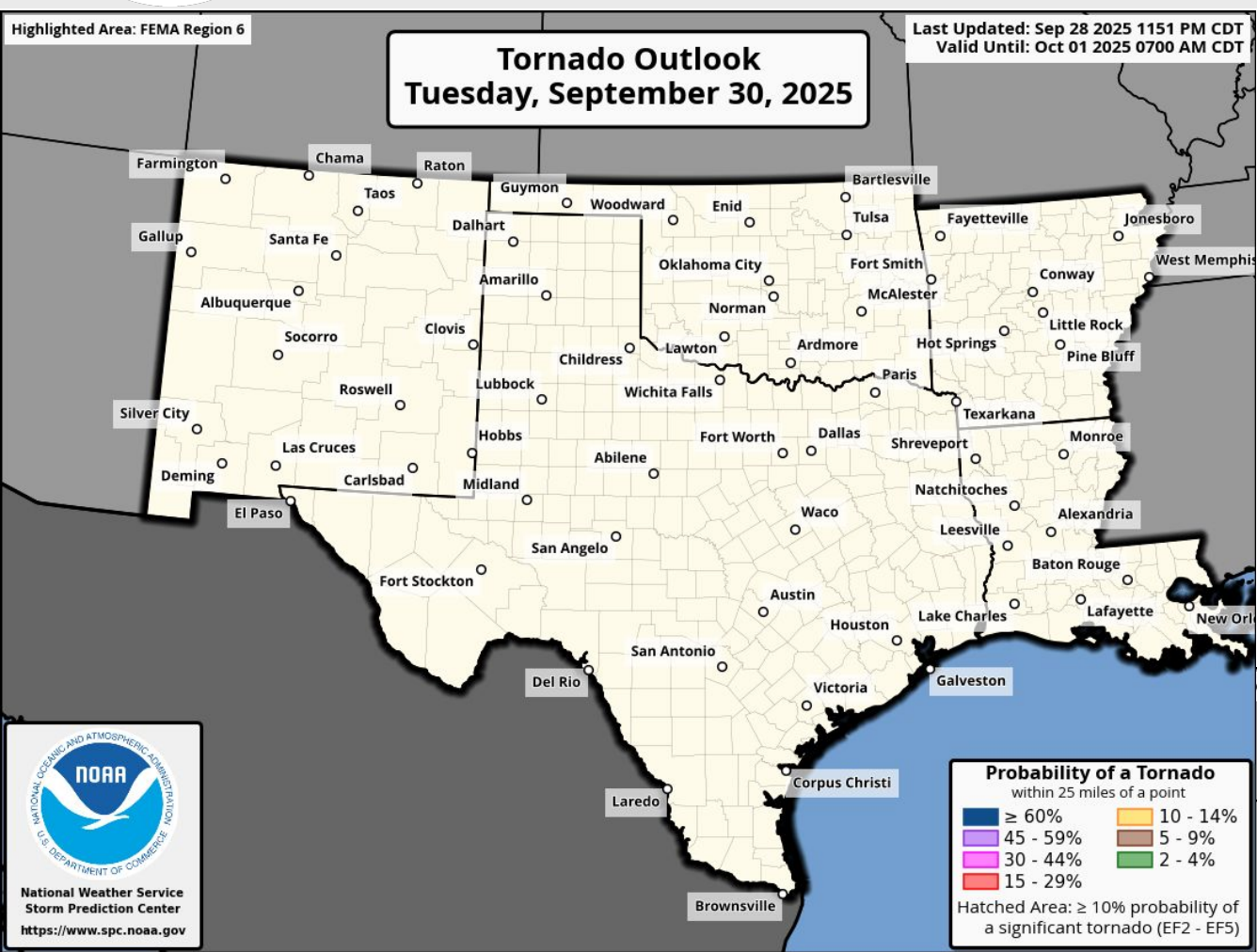


*\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\**

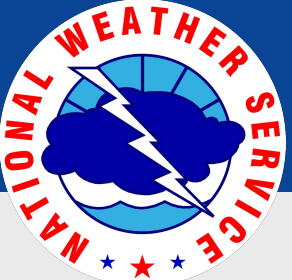




# Tomorrow's Tornado & Severe Wind / Hail Probabilities

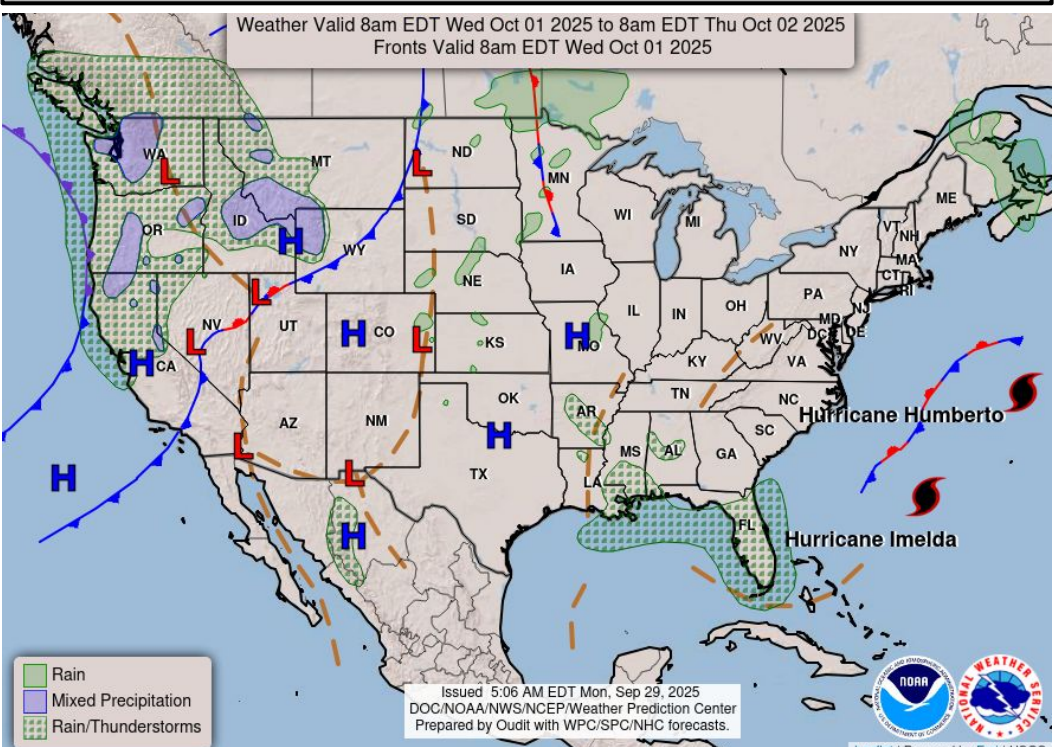




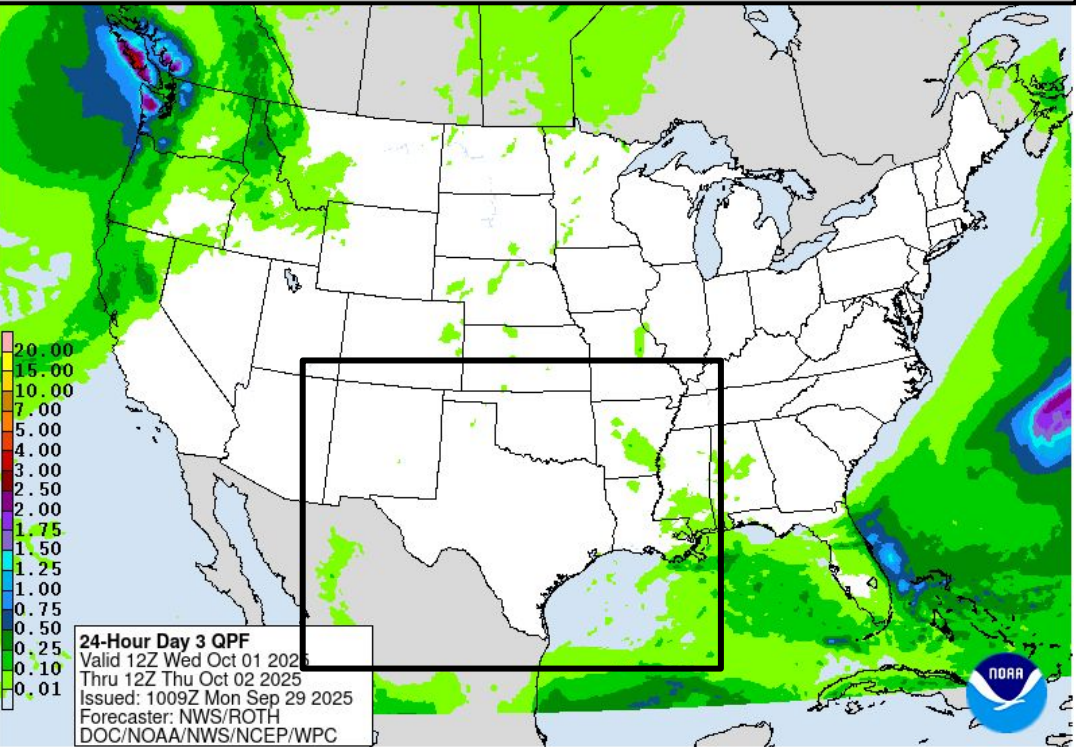


# Wednesday's Weather

## Forecast Chart

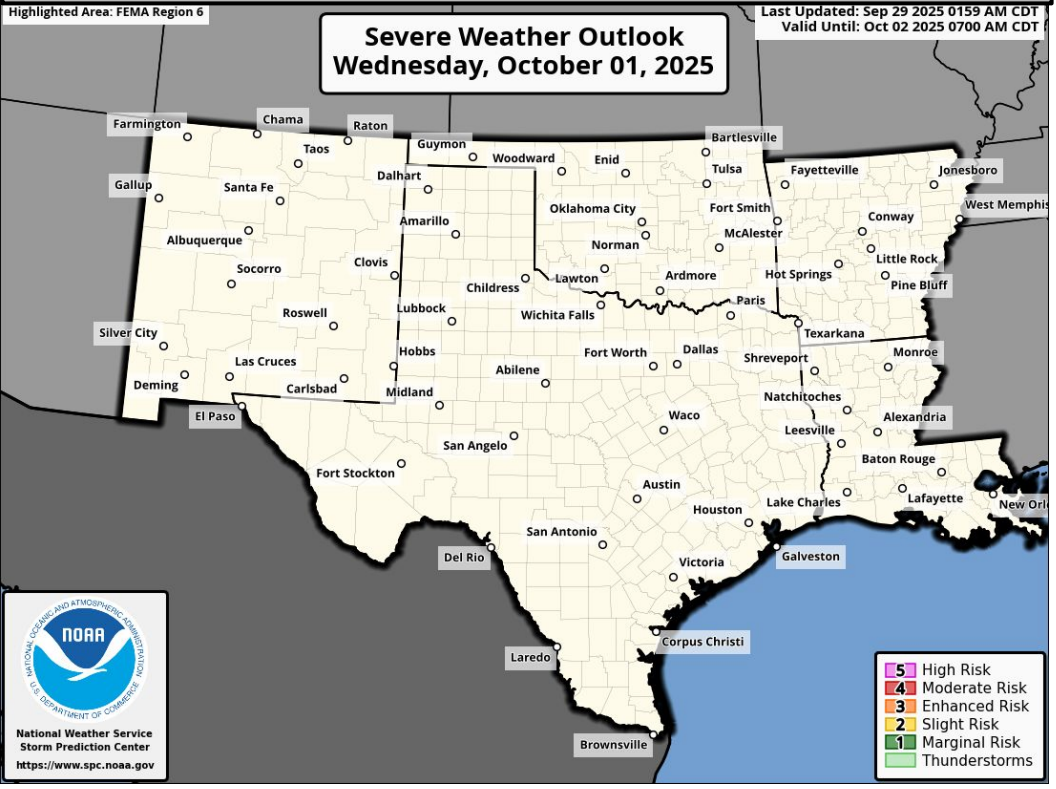


## Forecast Rainfall

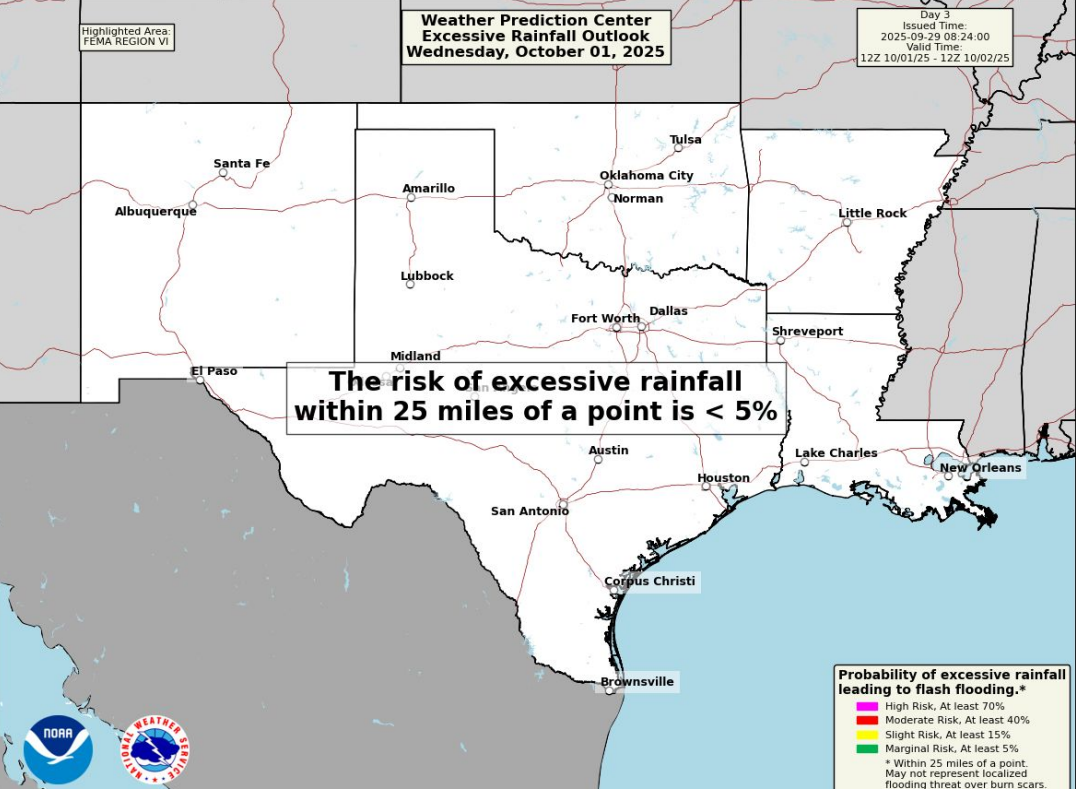


No significant weather expected.

## Severe Weather Outlook



## Excessive Rainfall Outlook



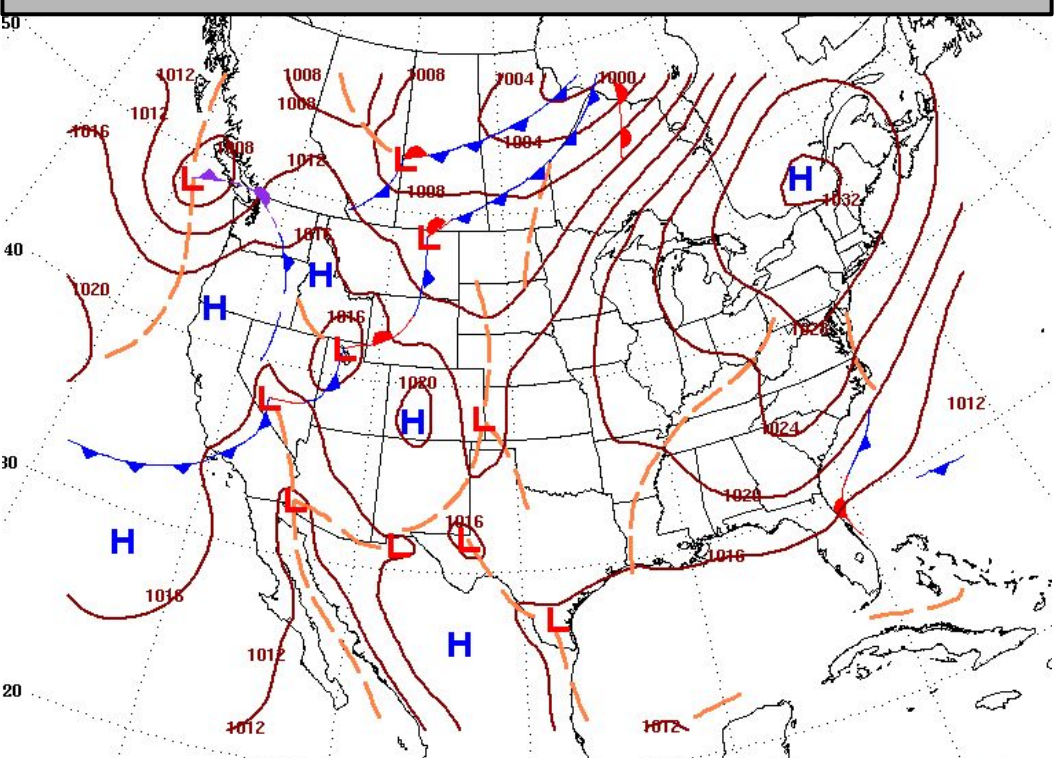
*\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\**



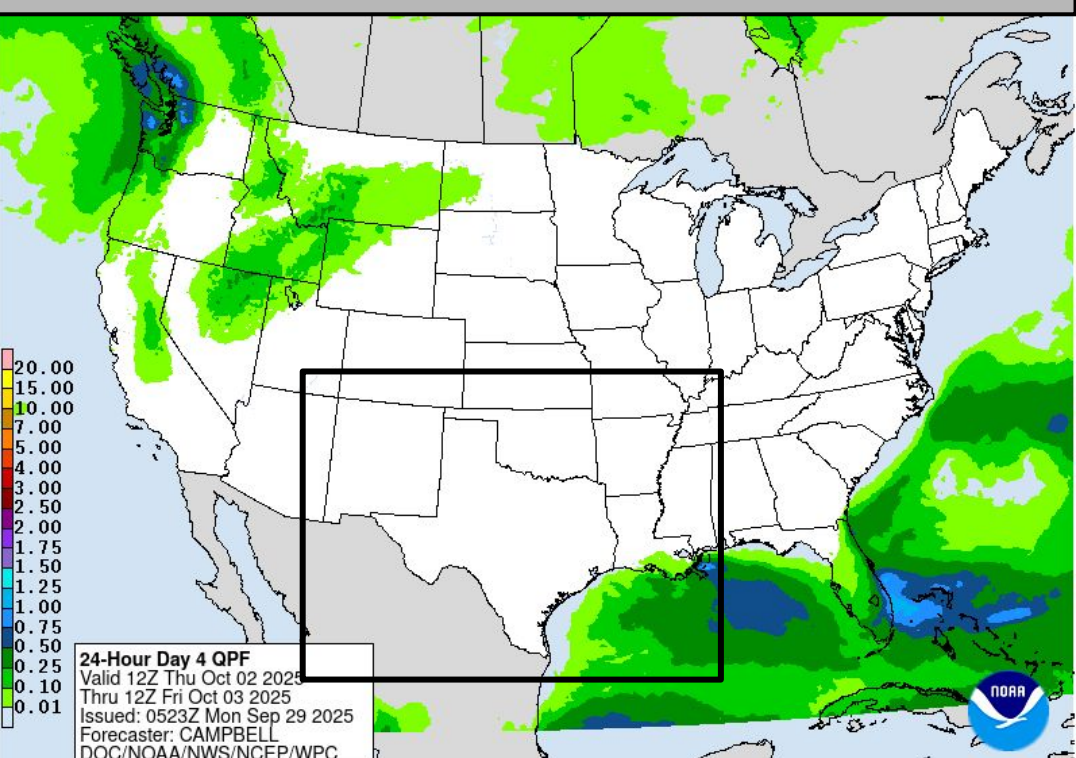


# Thursday's Weather

Forecast Chart

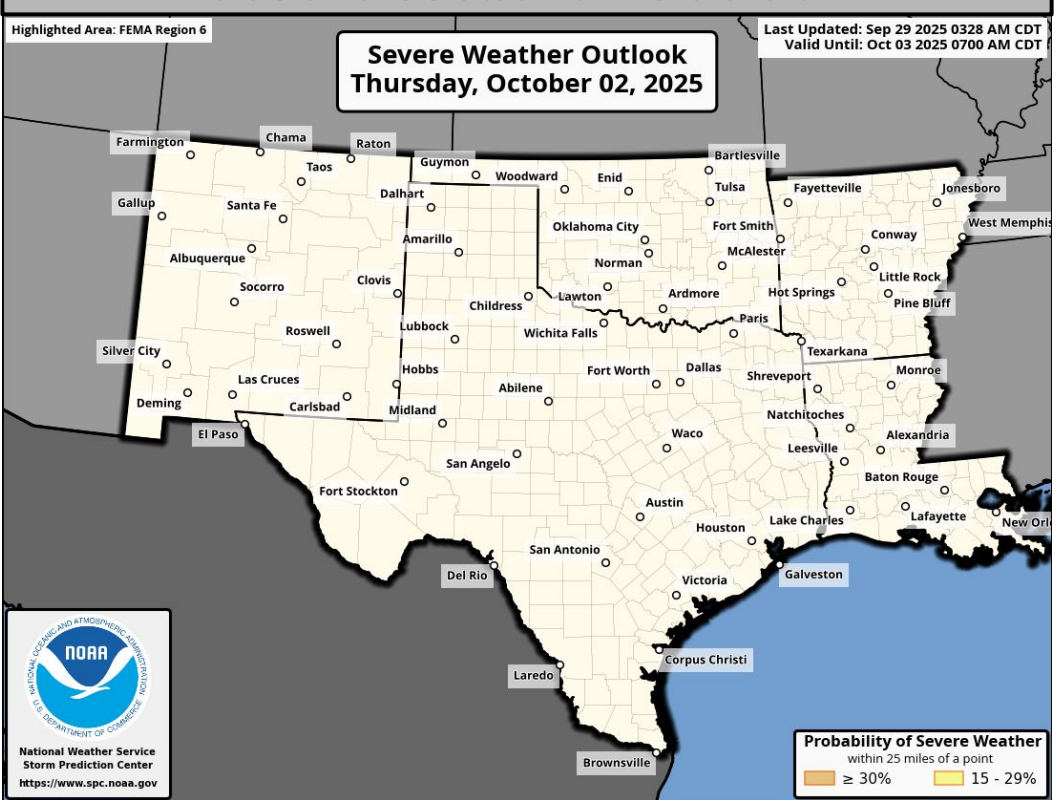


Forecast Rainfall

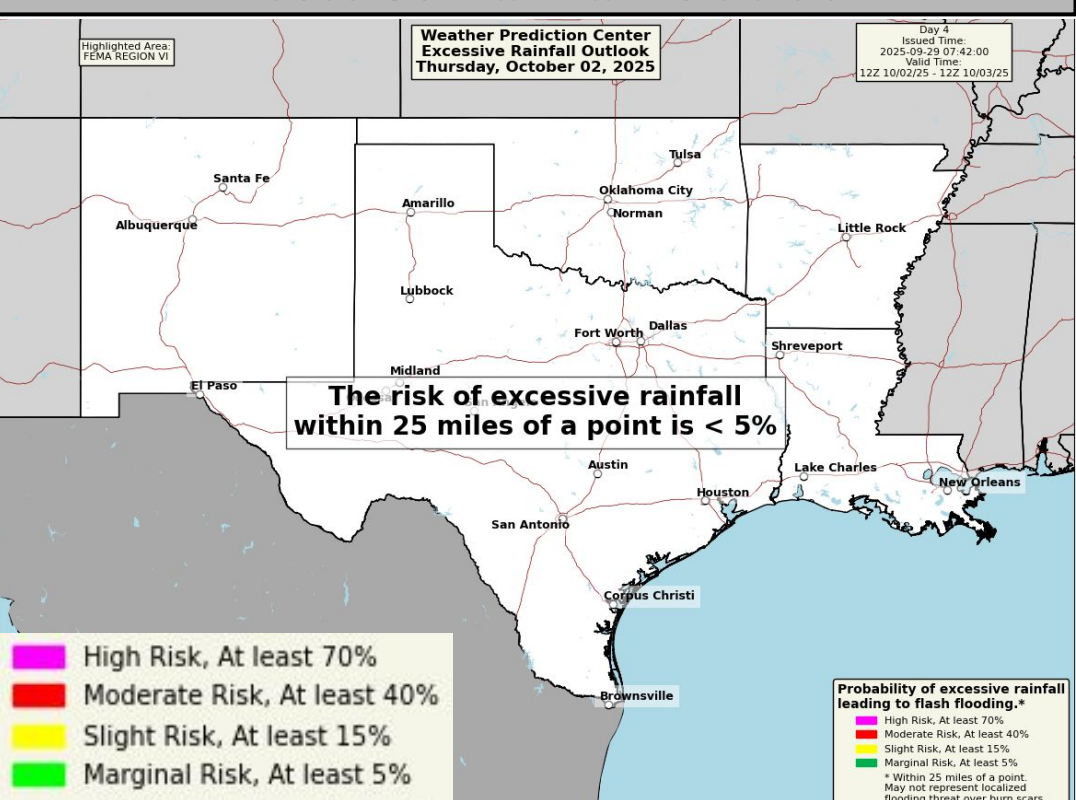


No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook



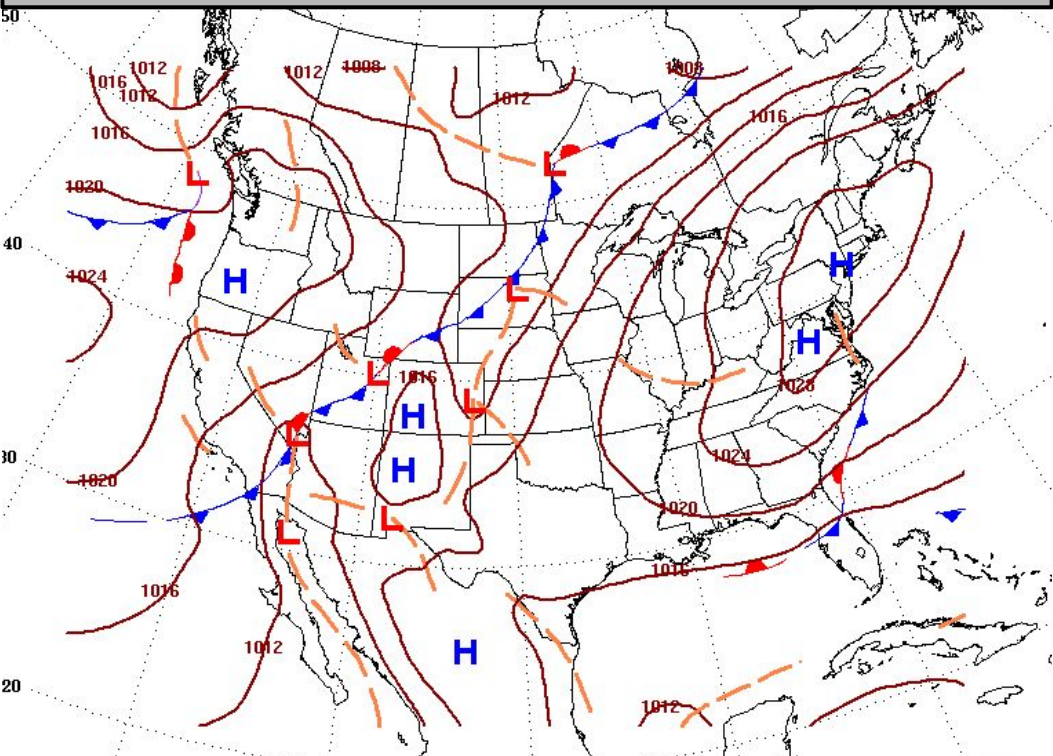
*\*Burn Scar Flash Flooding information on Burn Scar Matrix slides\**



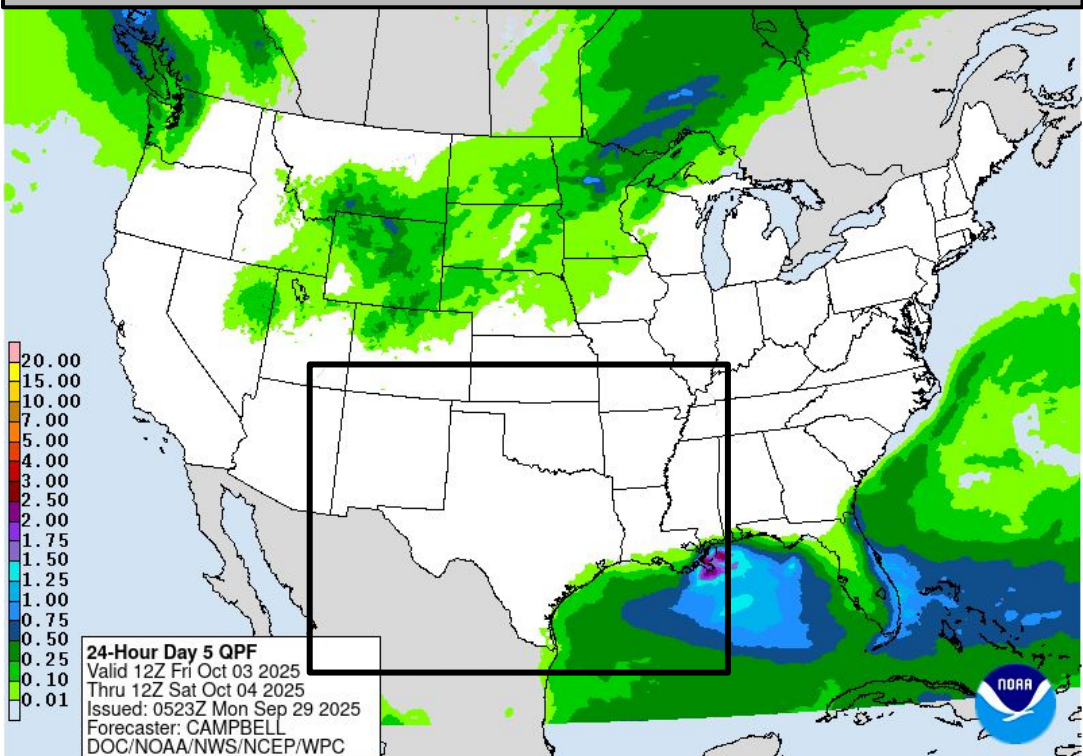


# Friday's Weather

Forecast Chart

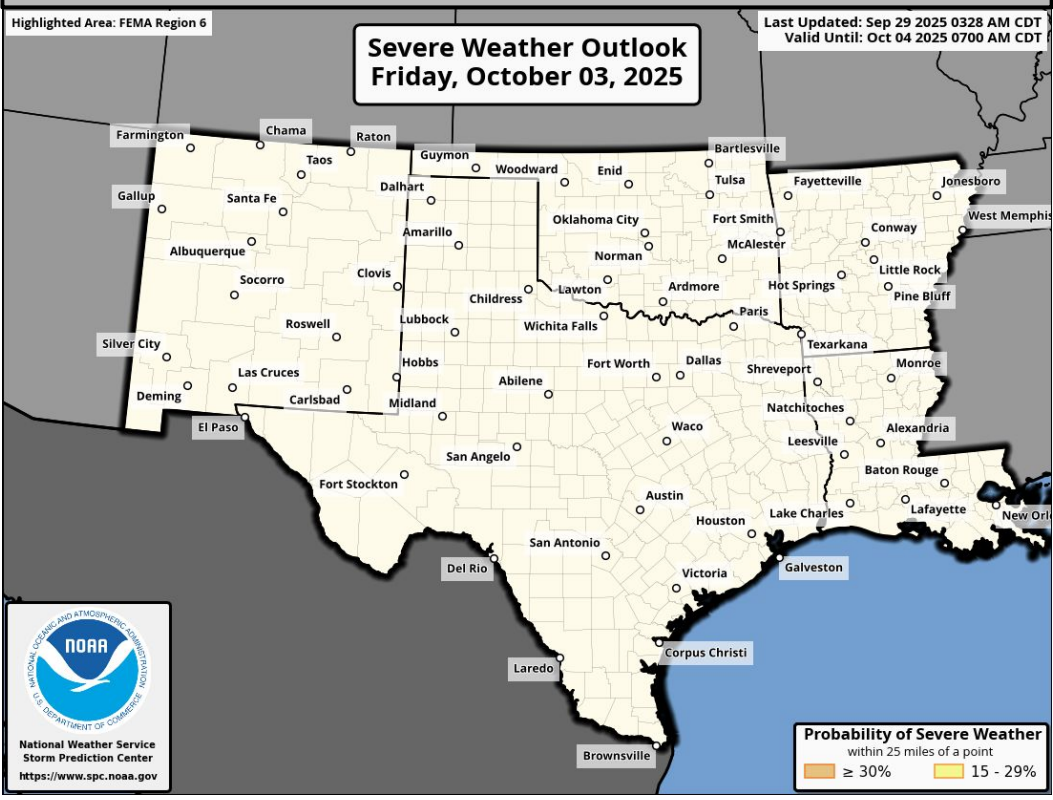


Forecast Rainfall

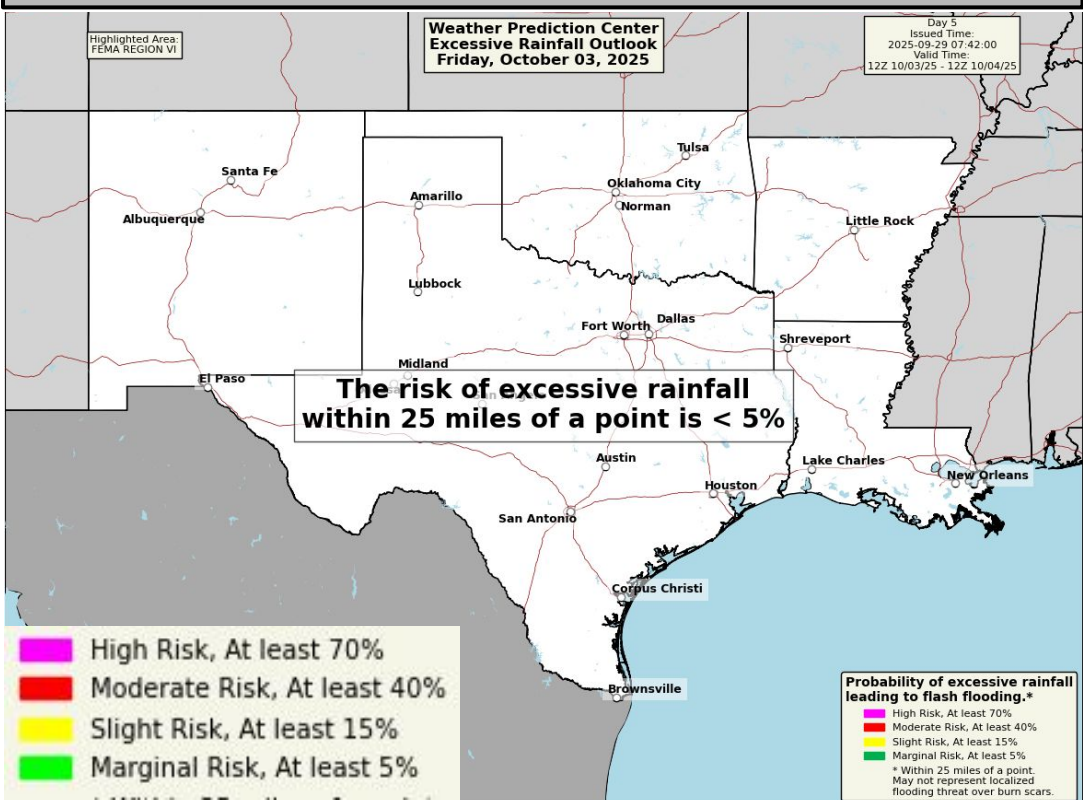


No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook

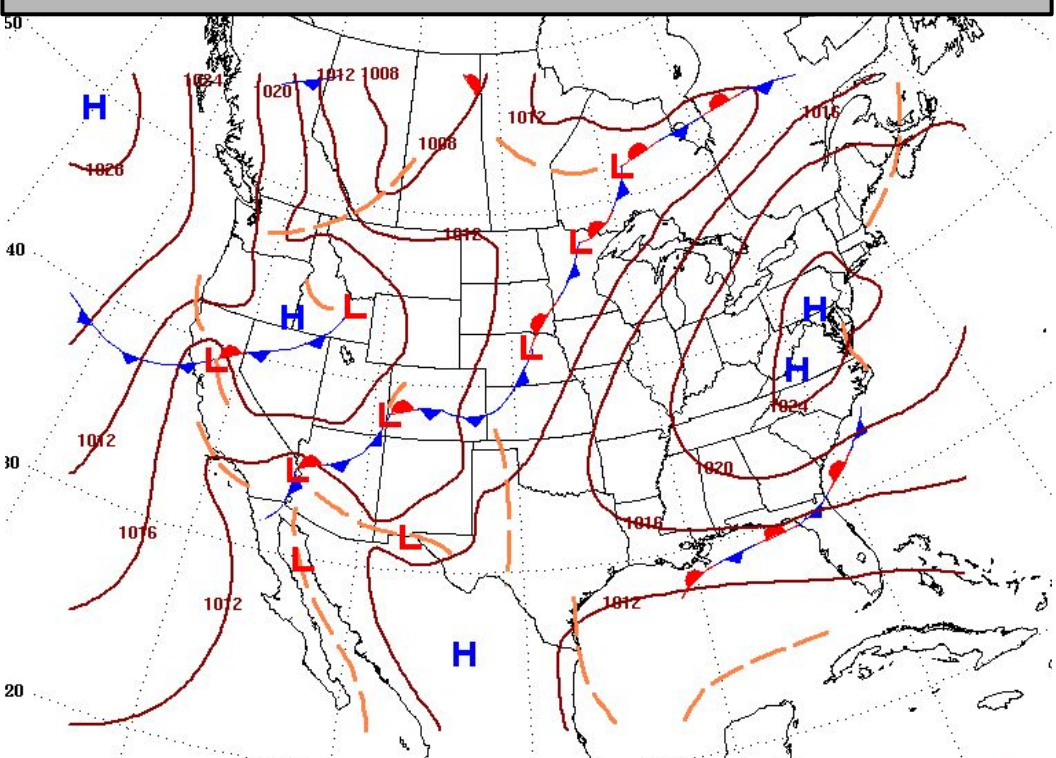




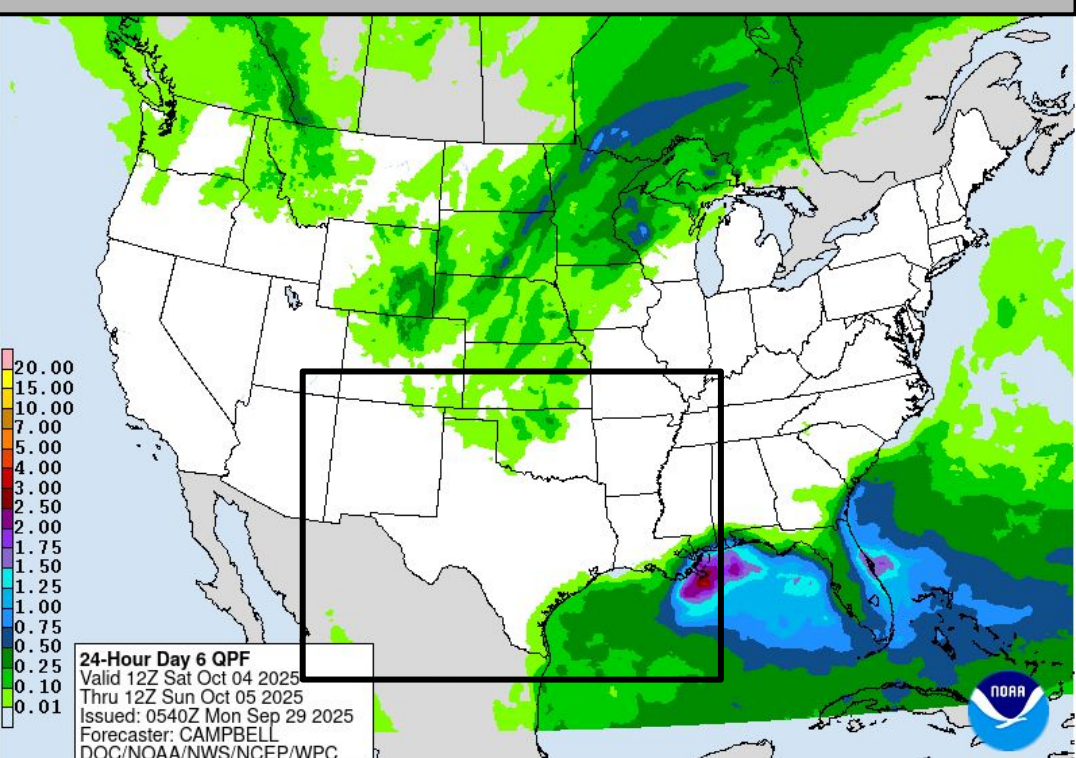


# Saturday's Weather

Forecast Chart

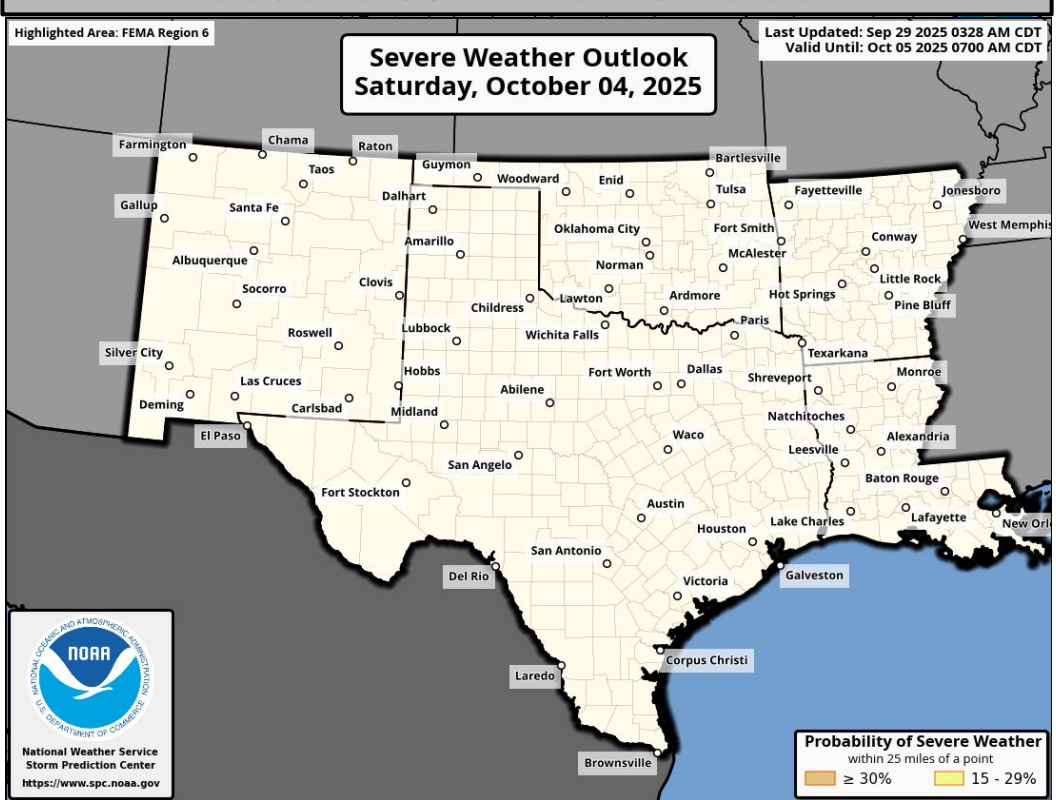


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



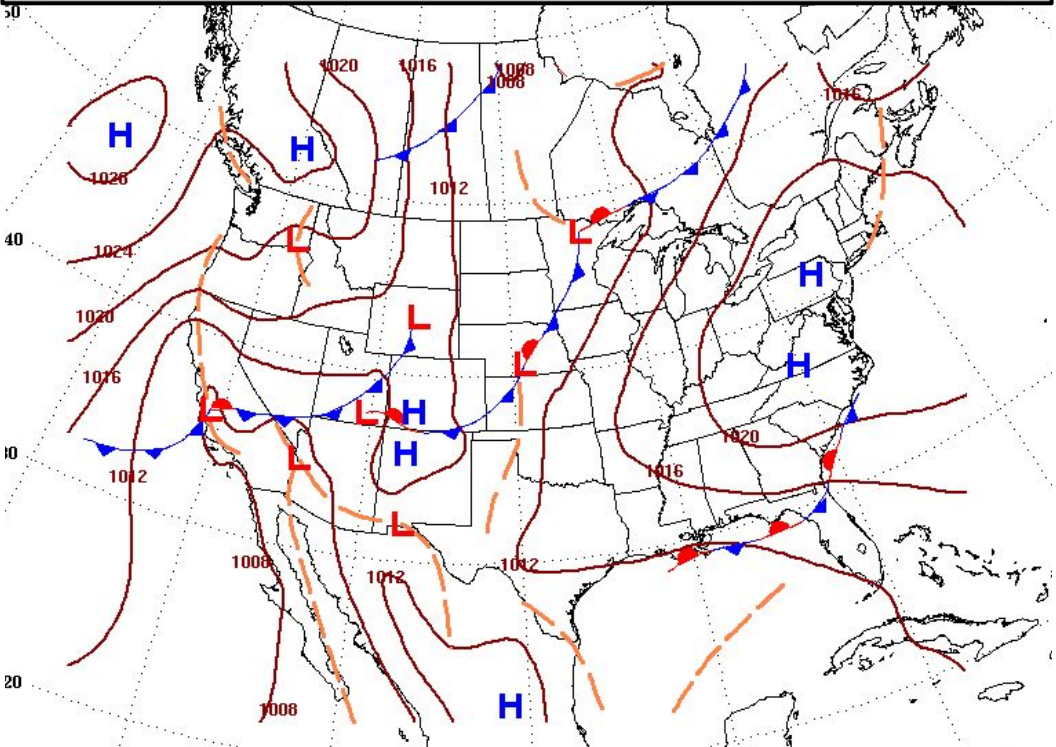
Excessive Rainfall Outlooks not available beyond Day 5



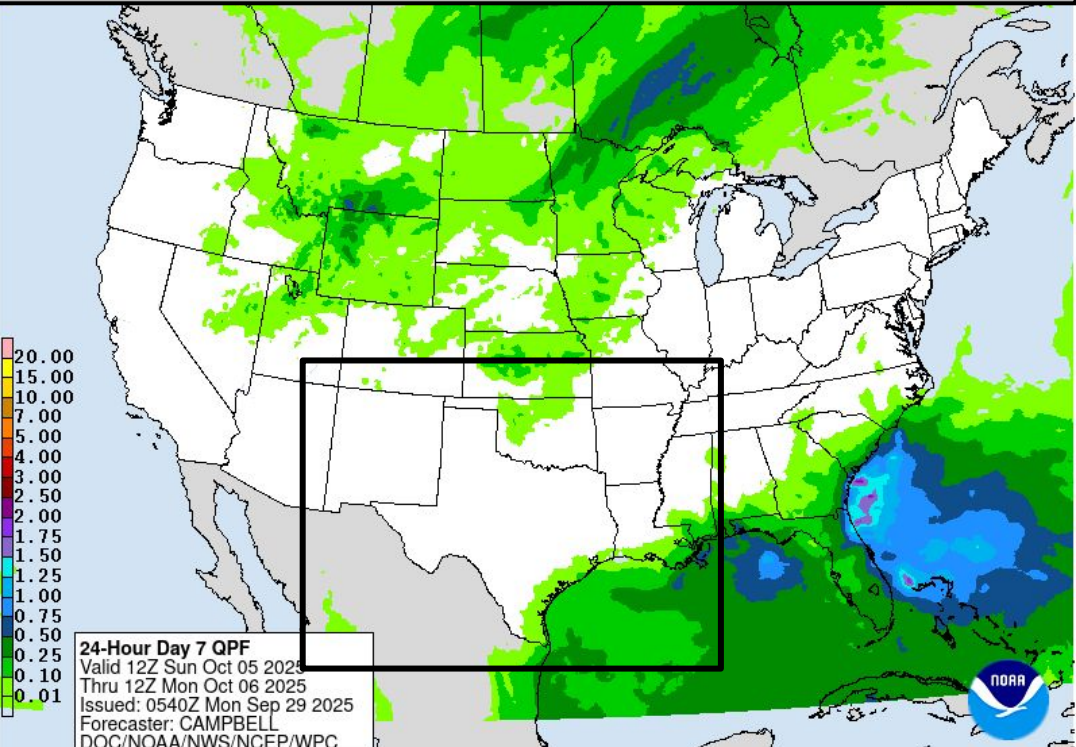


# Sunday's Weather

Forecast Chart

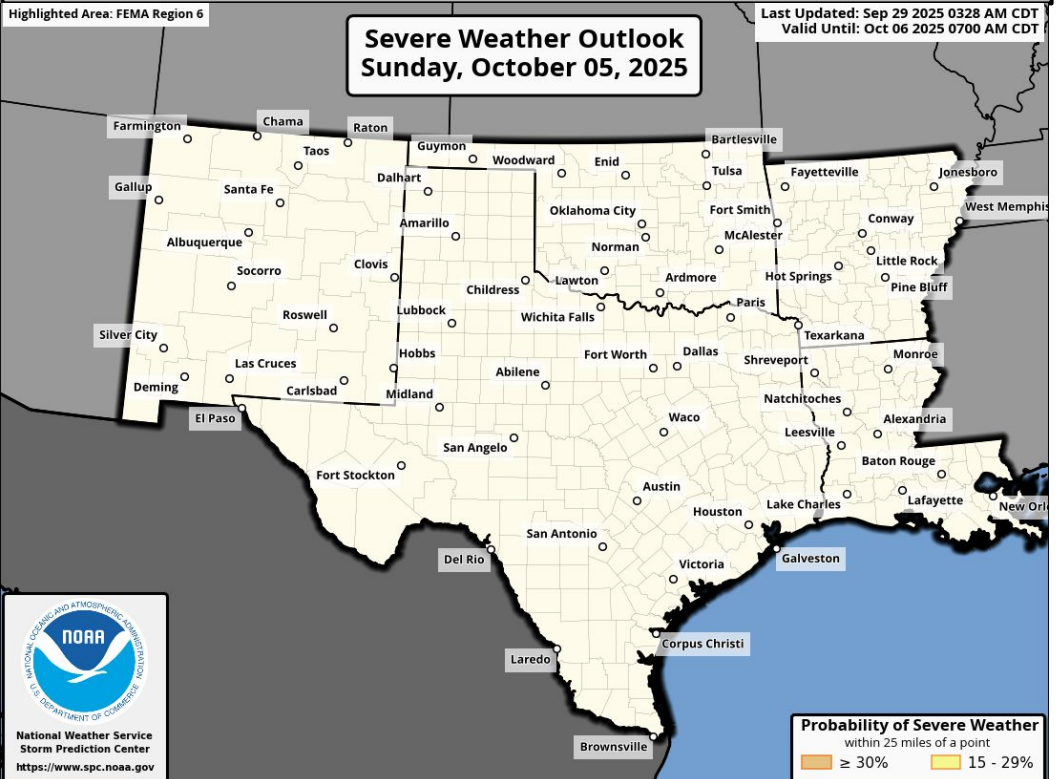


Forecast Rainfall



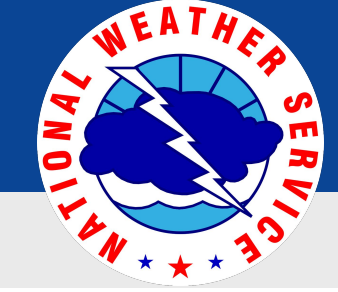
No significant weather expected.

Severe Weather Outlook

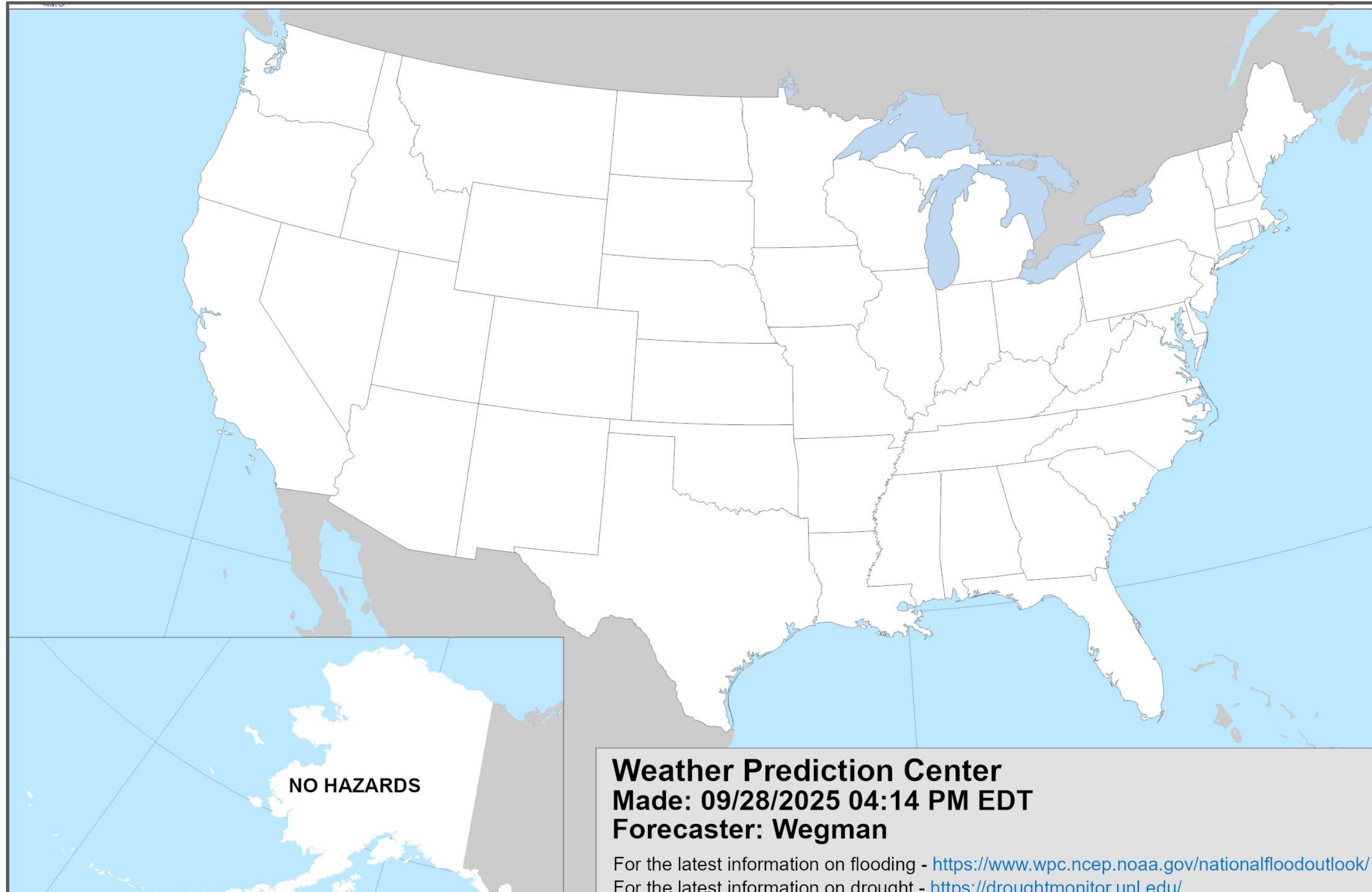


Excessive Rainfall Outlooks not available beyond Day 5





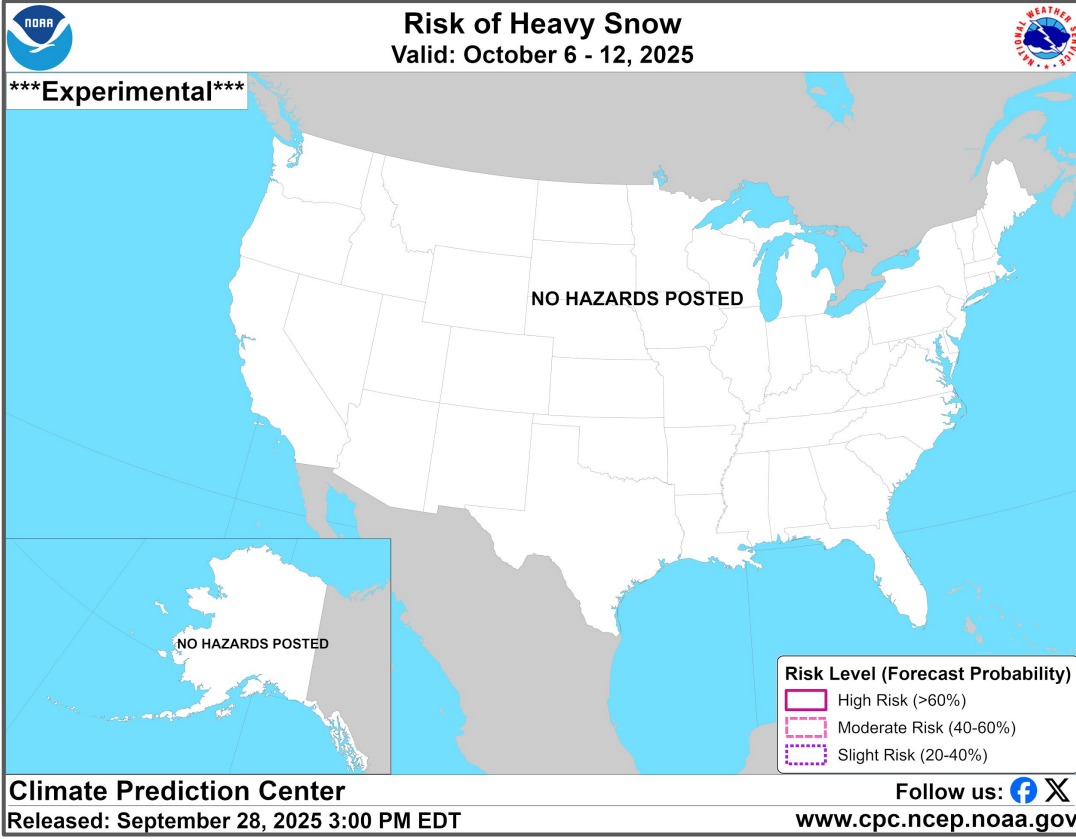
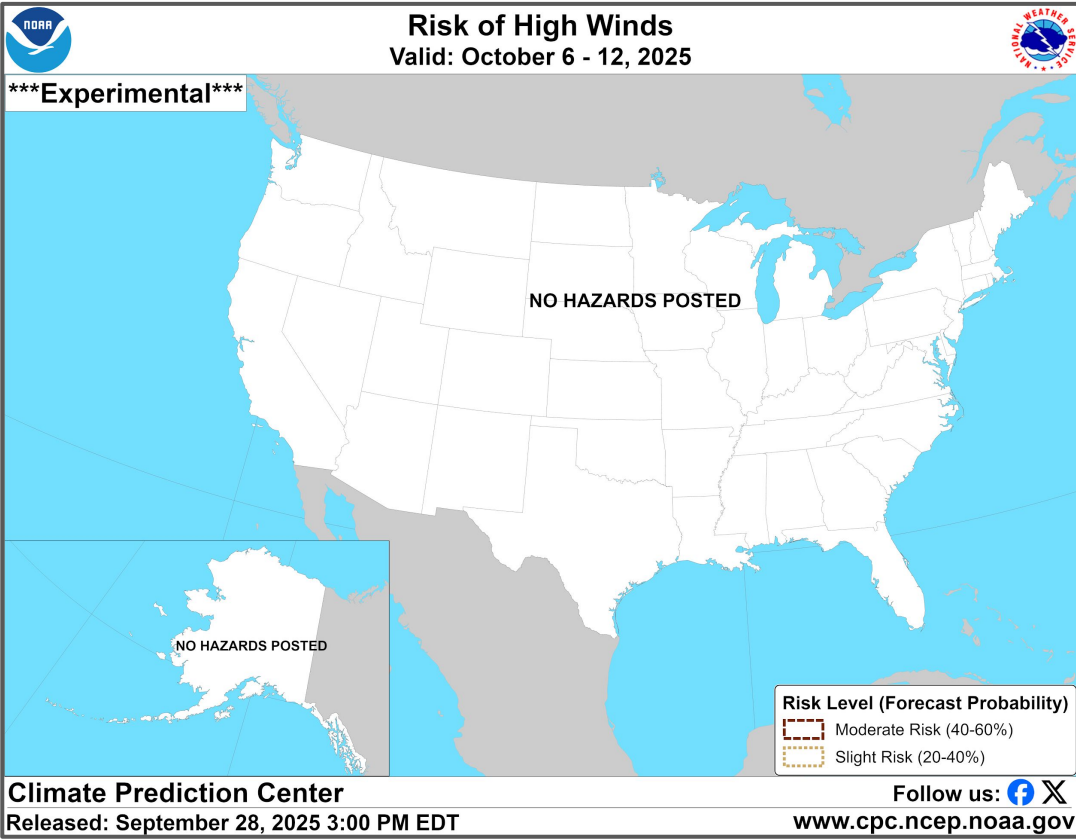
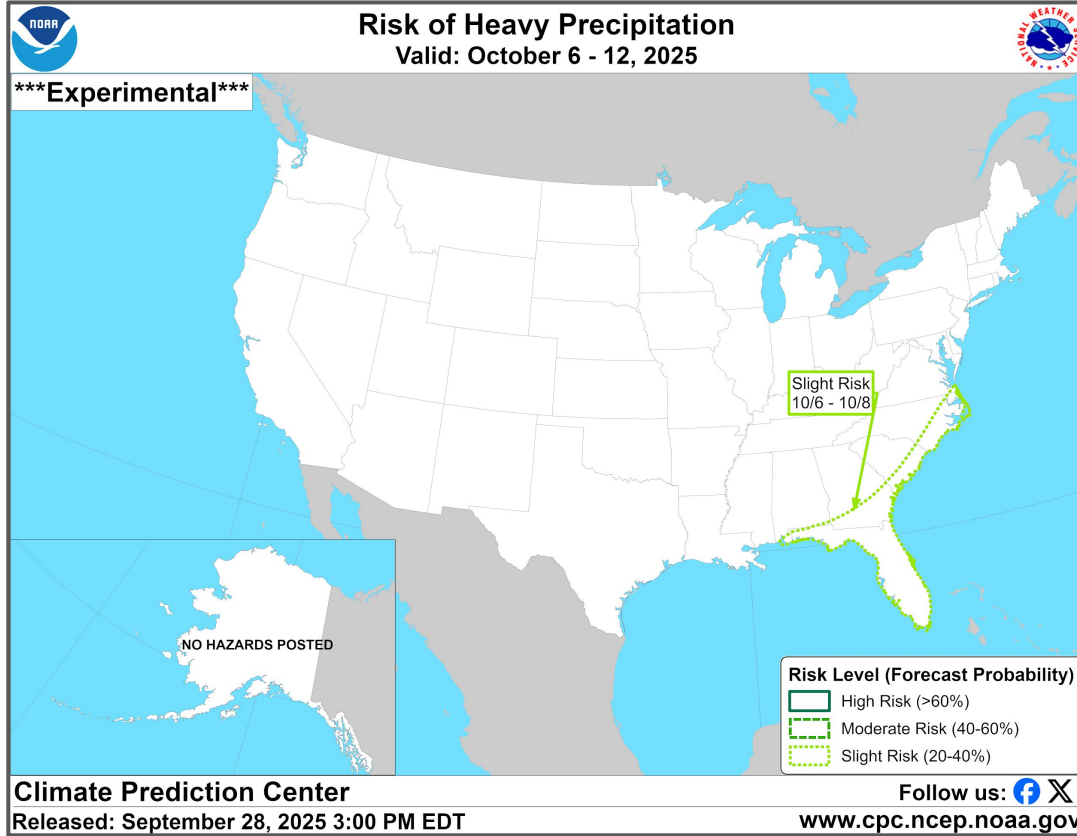
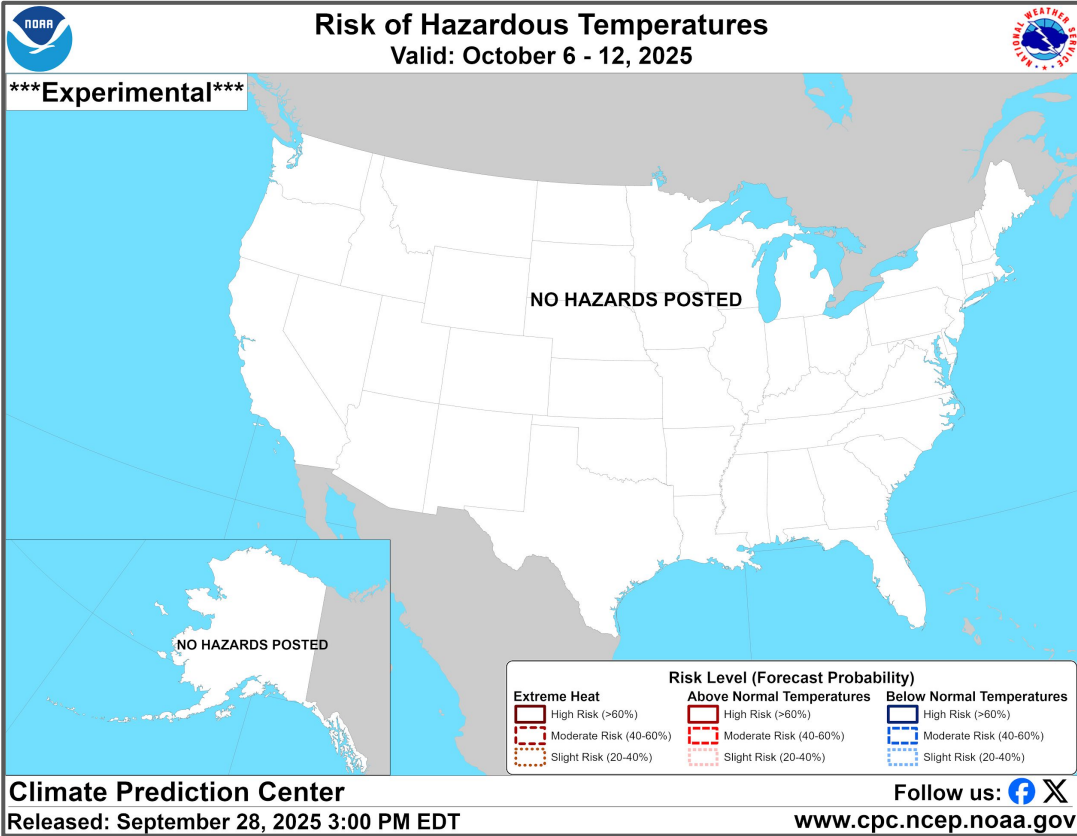
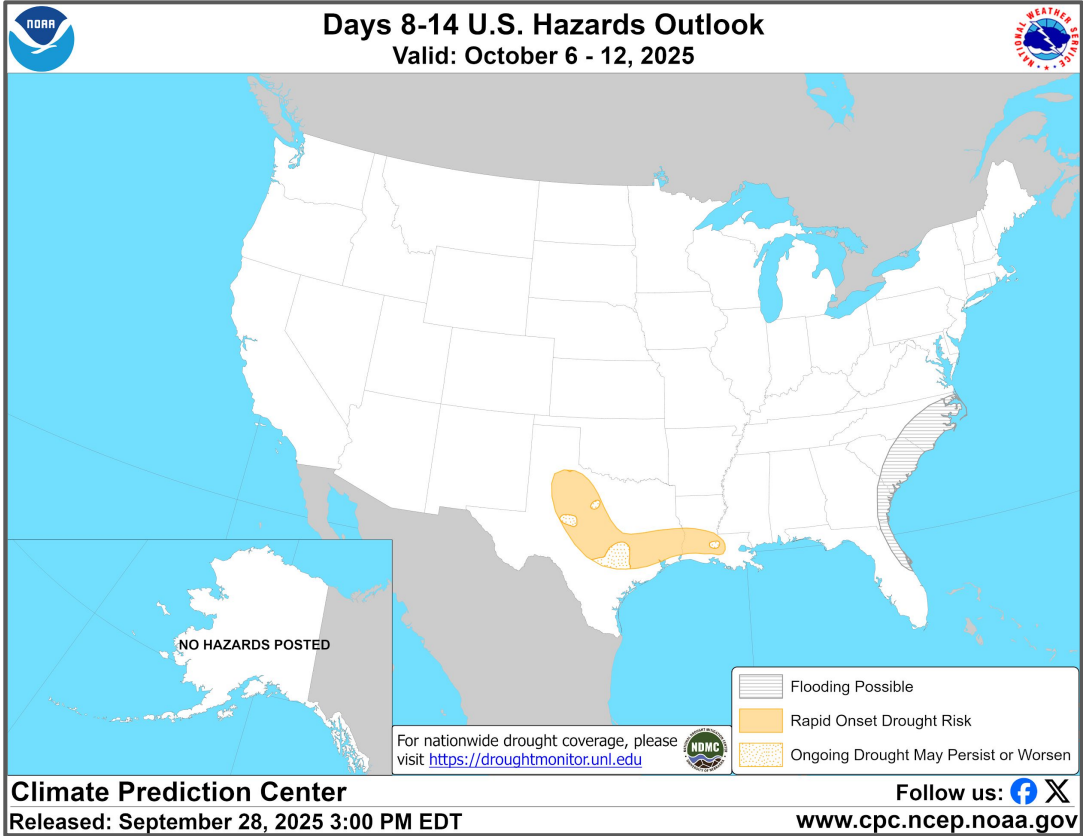
# “Day 3-7” Hazards Outlook







# “Day 8-14” Hazards Outlook



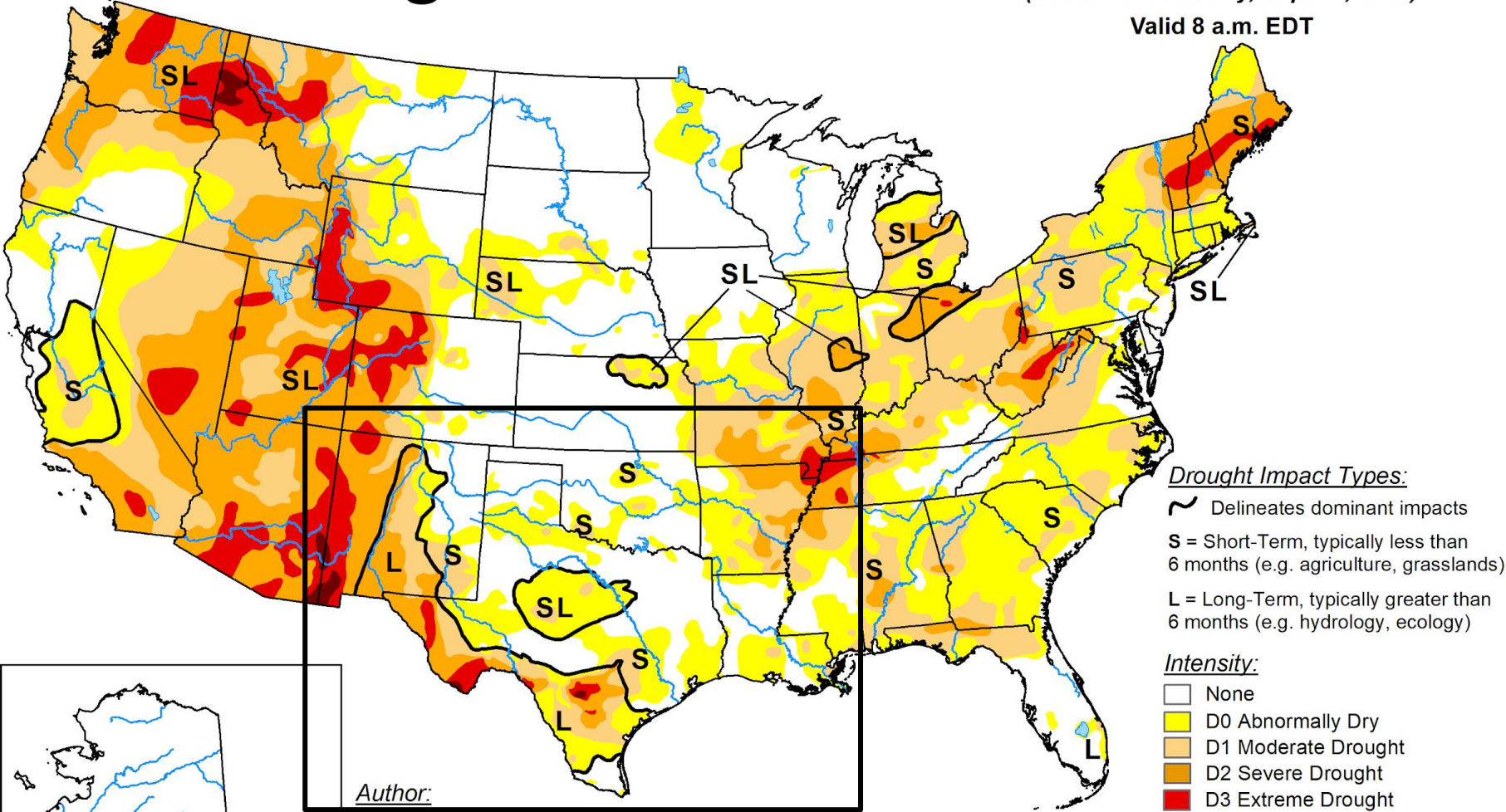




# Drought Monitor

## U.S. Drought Monitor

September 23, 2025  
(Released Thursday, Sep. 25, 2025)  
Valid 8 a.m. EDT



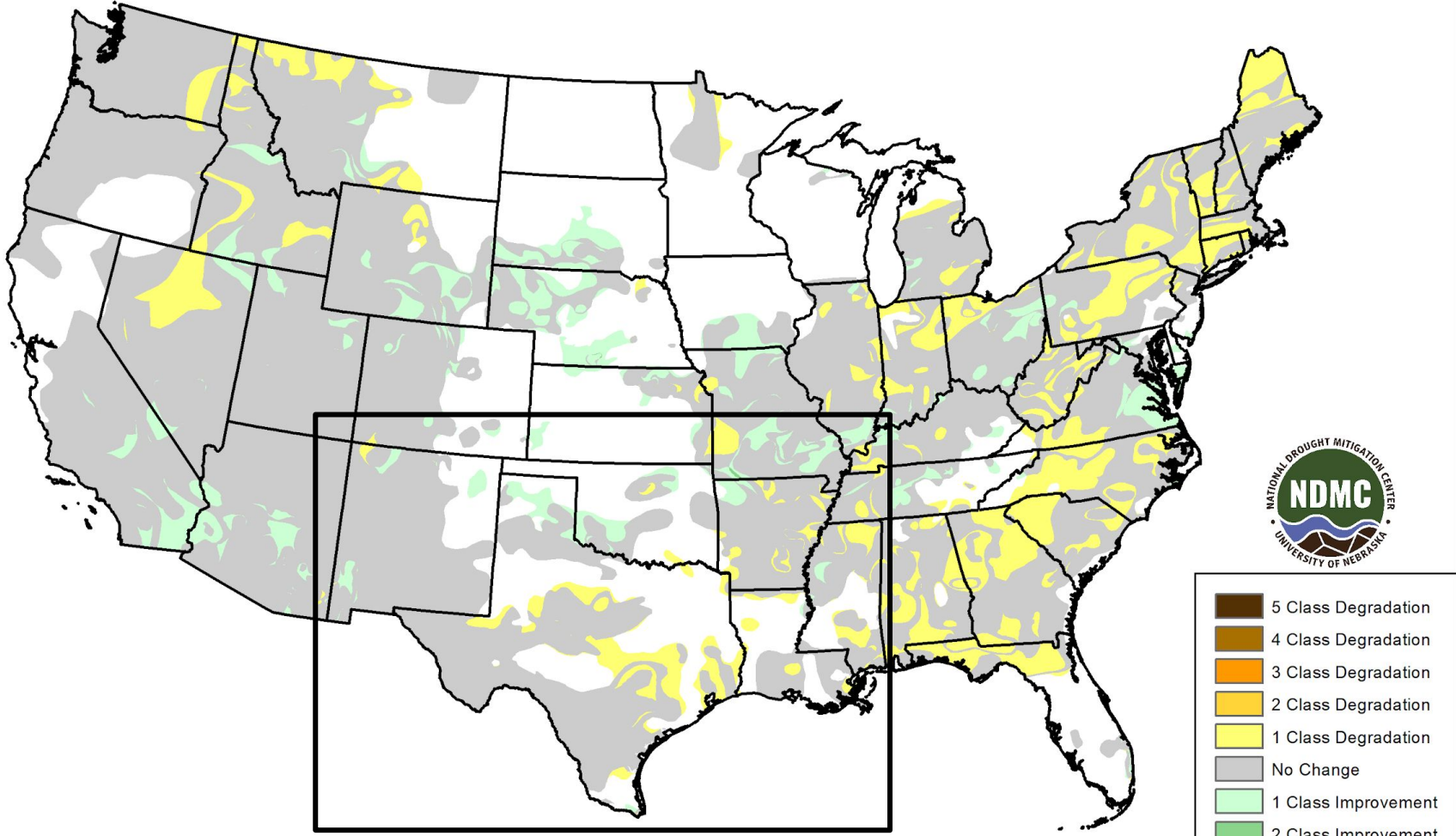
Author:  
Brad Rippey  
U.S. Department of Agriculture

The Drought Monitor focuses on broad-scale conditions.  
Local conditions may vary. For more information on the  
Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>



[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)

## U.S. Drought Monitor Class Change - CONUS 1 Week



September 23, 2025  
compared to  
September 16, 2025

[droughtmonitor.unl.edu](https://droughtmonitor.unl.edu)



National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

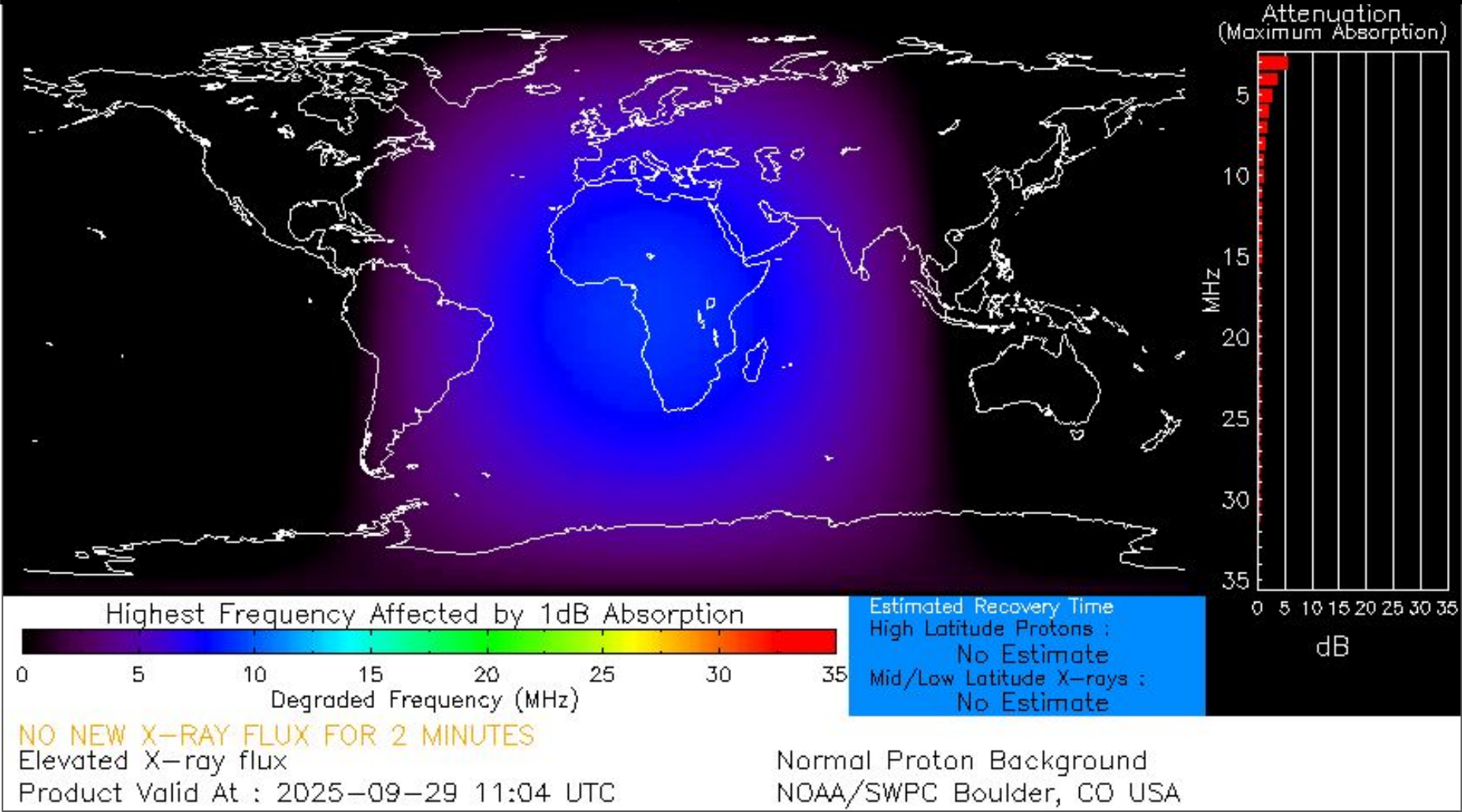
National Weather Service  
Southern Region





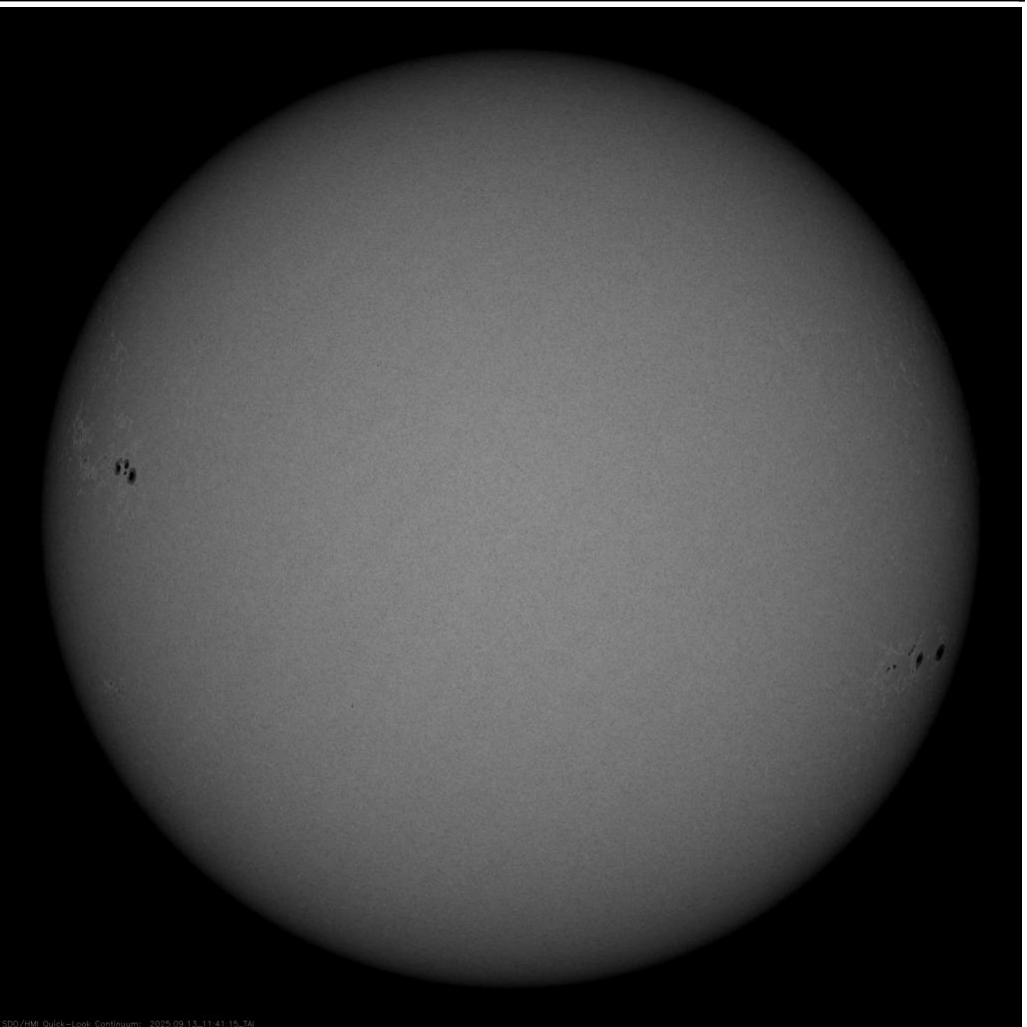
# Space Weather 3-Day Forecast

|                               | Monday, Sep 29          | Tuesday, Sep 30     | Wednesday, Oct 1    |
|-------------------------------|-------------------------|---------------------|---------------------|
| Geomagnetic Storms            | Unsettled<br>(Max Kp=3) | Quiet<br>(Max Kp=2) | Quiet<br>(Max Kp=2) |
| Solar Radiation Storm (S1-S5) | 1%                      | 1%                  | 1%                  |
| Radio Blackout (R1-R2)        | 55%                     | 55%                 | 55%                 |
| Radio Blackout (R3-R5)        | 10%                     | 10%                 | 10%                 |



[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  | <b>Little to None</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Little Inconvenience to Daily Routines                                      | Severe: Marginal Risk from SPC<br>Flooding: Minor flooding expected over localized areas<br>Tropical: None<br>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active   | <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 seabreeze storms in coastal TX</li> </ul>  |
| Yellow | <b>Minor</b><br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Some Inconvenience to Daily Life   | Severe: Slight Risk from SPC<br>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br>Tropical: A weak tropical wave expected to move towards or near any coastline<br>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook   | <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 | <b>Moderate</b><br>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br>Impact Potential: Typically Results in Minor Disruption to Daily Life                                | Severe: Enhanced Risk from SPC<br>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br>Tropical: A Tropical Storm expected to move towards or near any coastline<br>Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <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    | <b>Major</b><br>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br>Impact Potential: Will likely result in Large Disruption to Daily Life                        | Severe: Moderate Risk from SPC<br>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br>Tropical: A Hurricane expected to move towards or near any coastline<br>Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought  | <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 | <b>Extreme</b><br>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed<br>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC<br>Flooding: Major flooding expected over a widespread area (including urban locations)<br>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br>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                            | <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**  
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