



# FEMA



Prepared by  
*Mark Wiley*

# FEMA Region 6 Weather Threat Briefing

## Monday, February 17, 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).





# Summary

- **Moderate winter impacts (level 2 of 4) over N OK and N AR Tue with 3-6” of snow possible. Further south, light freezing rain/drizzle may produce minor impacts (level 1 of 4) across cntrl/srn OK/AR into nrn TX/LA. Very cold across OK, AR, TX and LA with temperatures 25-35 degrees below normal Tue-Thu gradually moderating Friday and into Saturday.**
- **Marginal risk ( level 1 of 5) for severe storms on Tuesday for SE TX, S LA Tuesday.**
- **Marginal risk (level 1 of 4) for flash flooding in S LA Tuesday.**
- **Elevated (level 1 of 3) fire weather conditions S NM and W TX today and tomorrow.**
- **Minor (level 2 of 4) river flooding will continue into next week in E TX, AR, LA.**





# FEMA Region 6 Threat Matrix

Next 7 days

|                                | Monday,<br>Feb 17 | Tuesday,<br>Feb 18               | Wednesday,<br>Feb 19        | Thursday,<br>Feb 20         | Friday,<br>Feb 21      | Saturday,<br>Feb 22 | Sunday,<br>Feb 23 |
|--------------------------------|-------------------|----------------------------------|-----------------------------|-----------------------------|------------------------|---------------------|-------------------|
| Severe Storms                  |                   | SE TX, S LA                      |                             |                             |                        |                     |                   |
| Heavy Rain /<br>Flash Flooding |                   | SE TX, S LA                      |                             |                             |                        |                     |                   |
| Fire Weather                   | S NM, W TX        | S NM, W TX                       |                             |                             |                        |                     |                   |
| Winter                         |                   | N OK, N AR<br>OK, AR, N TX, N LA | Very Cold OK,<br>AR, TX, LA | Very Cold OK,<br>AR, TX, LA | Cold OK, AR,<br>TX, LA |                     |                   |
| River Flooding                 | ETX, AR, LA       | ETX, AR, LA                      | ETX, AR, LA                 | ETX, AR, LA                 | ETX, AR, LA            | ETX, AR, LA         | ETX, AR, LA       |

*\*Threat levels are based on FEMA Region 4 criteria. State or local threat level criteria may differ.\**

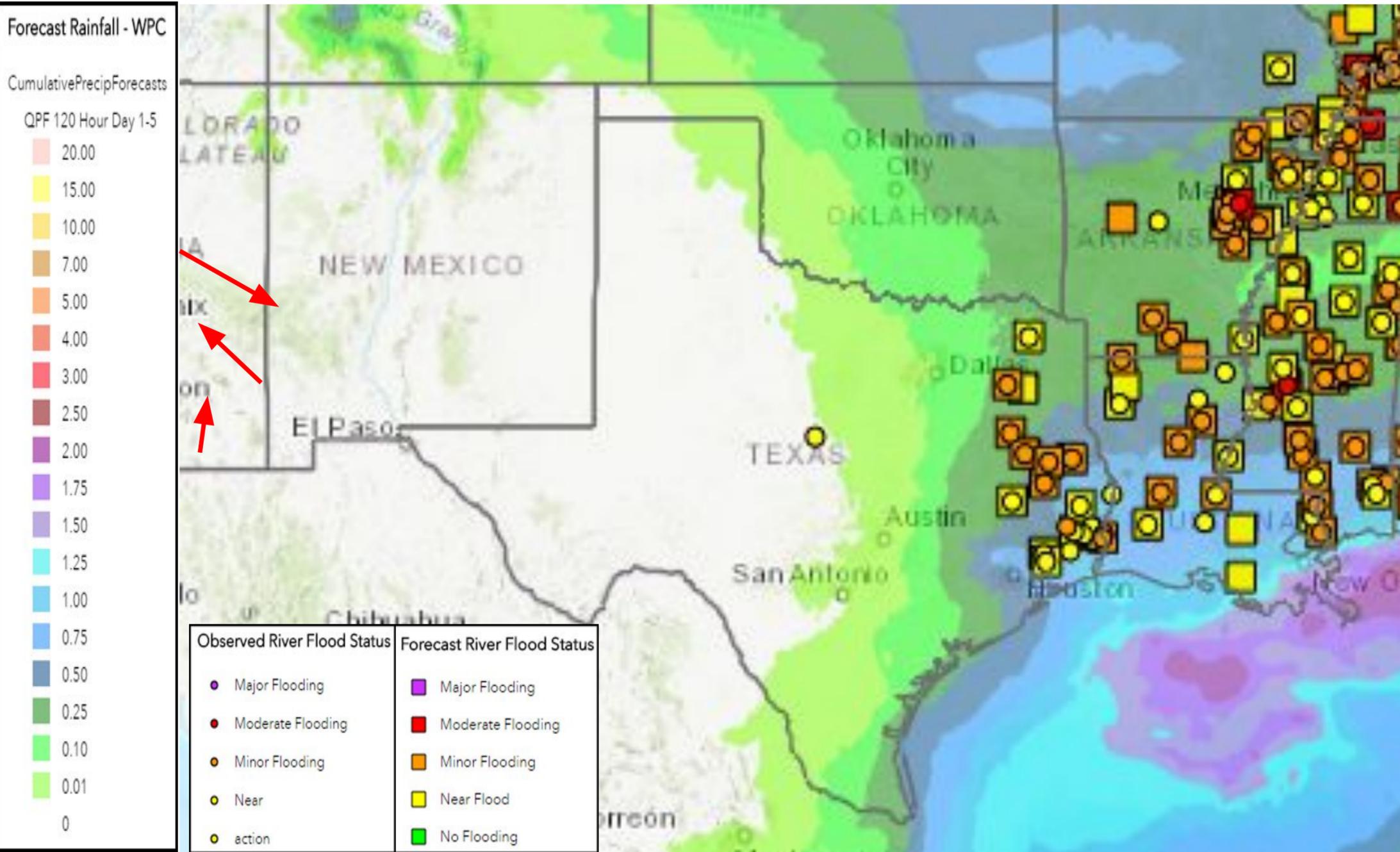
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

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



# 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

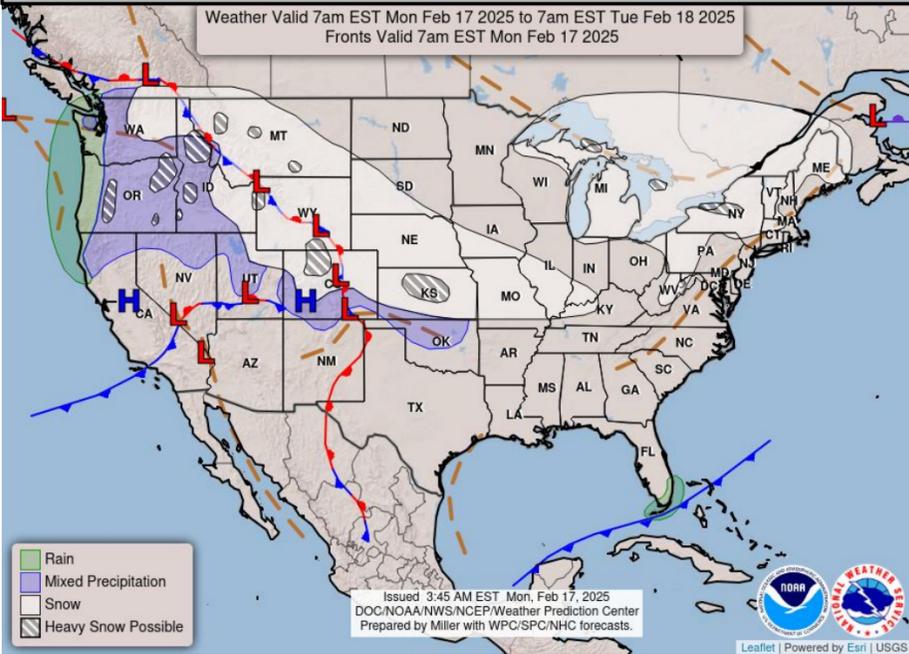


**Minor river flooding will continue in N/E TX, AR, LA into next week with flooding of low-lying pastures, swampland, and secondary roads. The Cache River at Patterson, AR is at moderate flood stage with water near homes on Pine Street.**

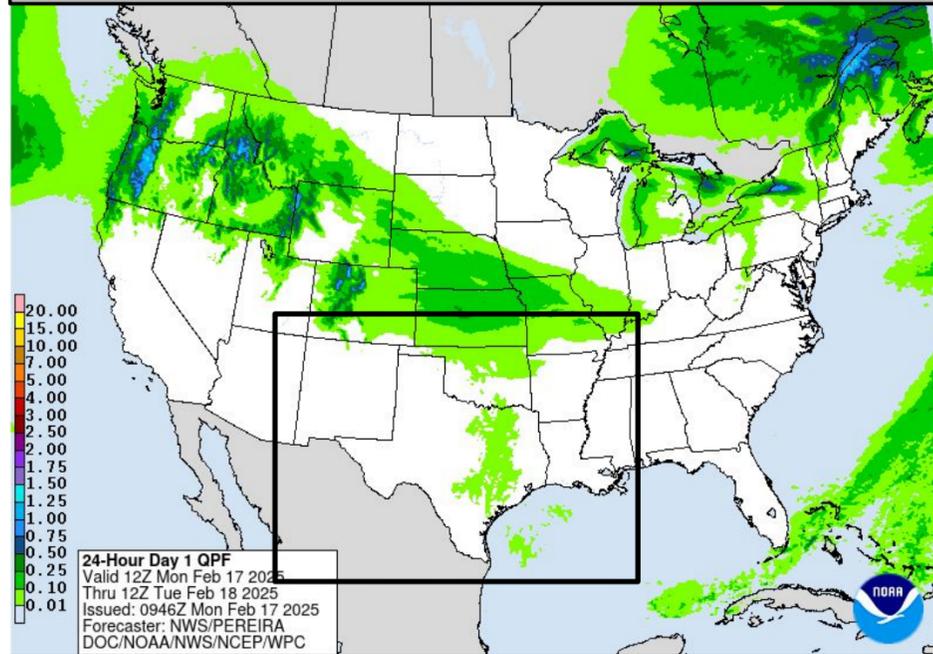


# Today's Weather

## Forecast Chart

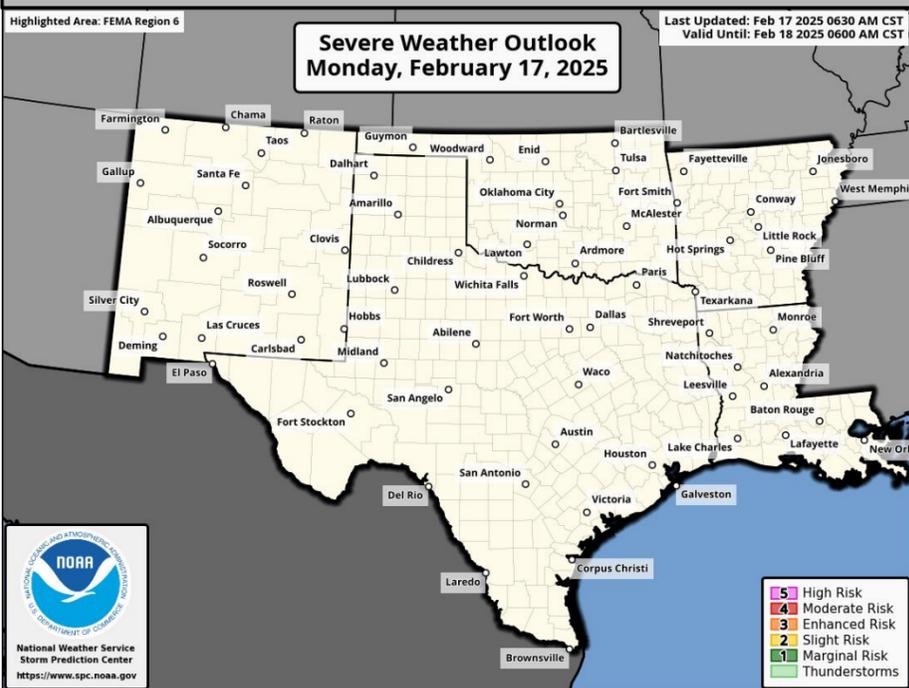


## Forecast Rainfall

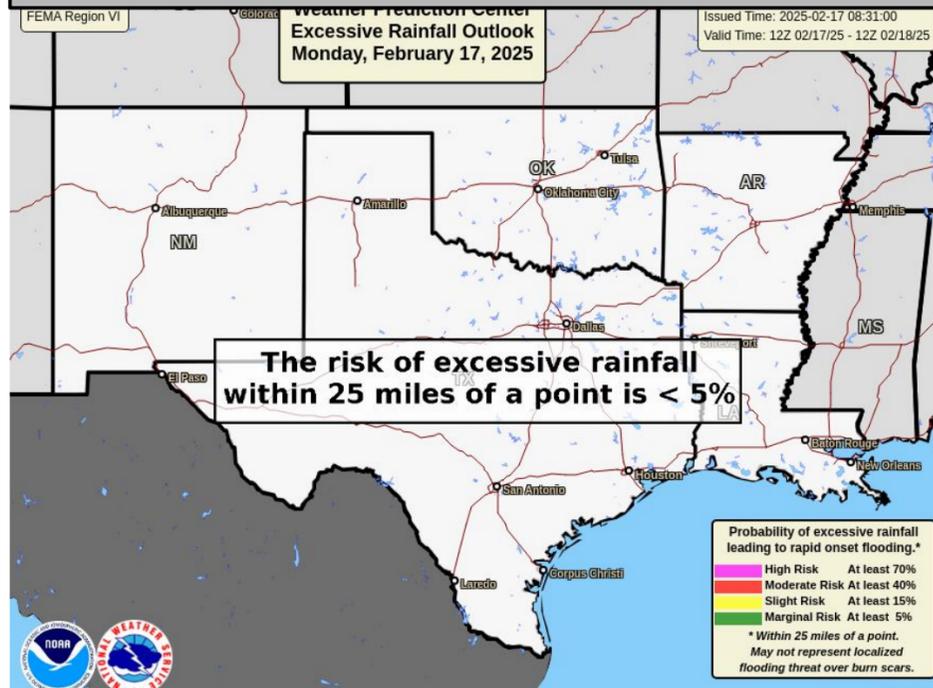


**Elevated (level 1 of 3) fire weather concerns for W TX and S NM.**

## Severe Weather Outlook

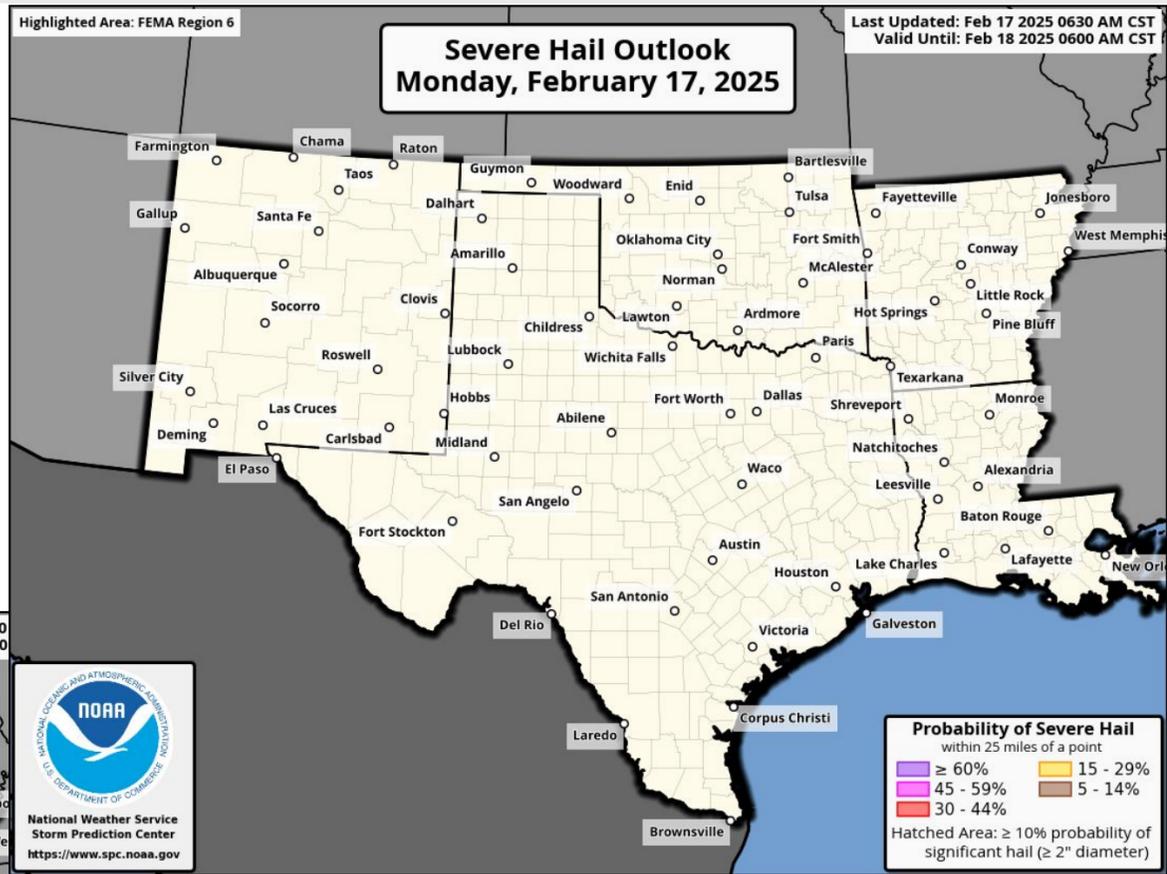
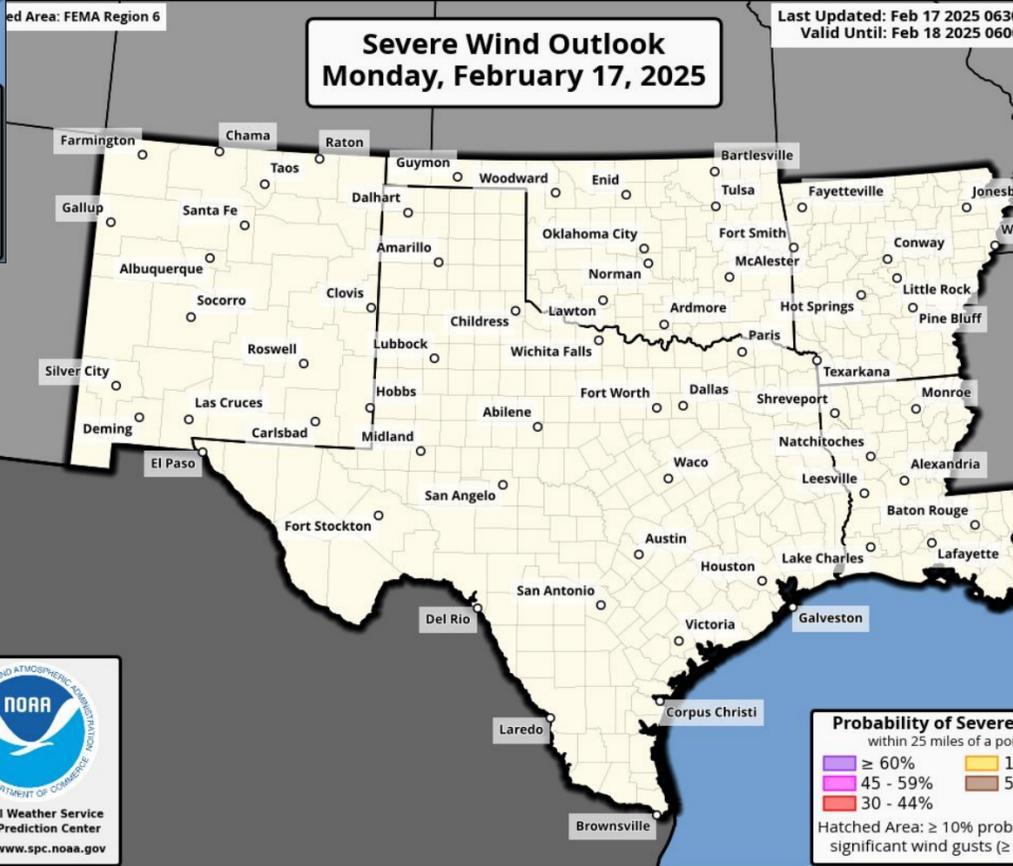
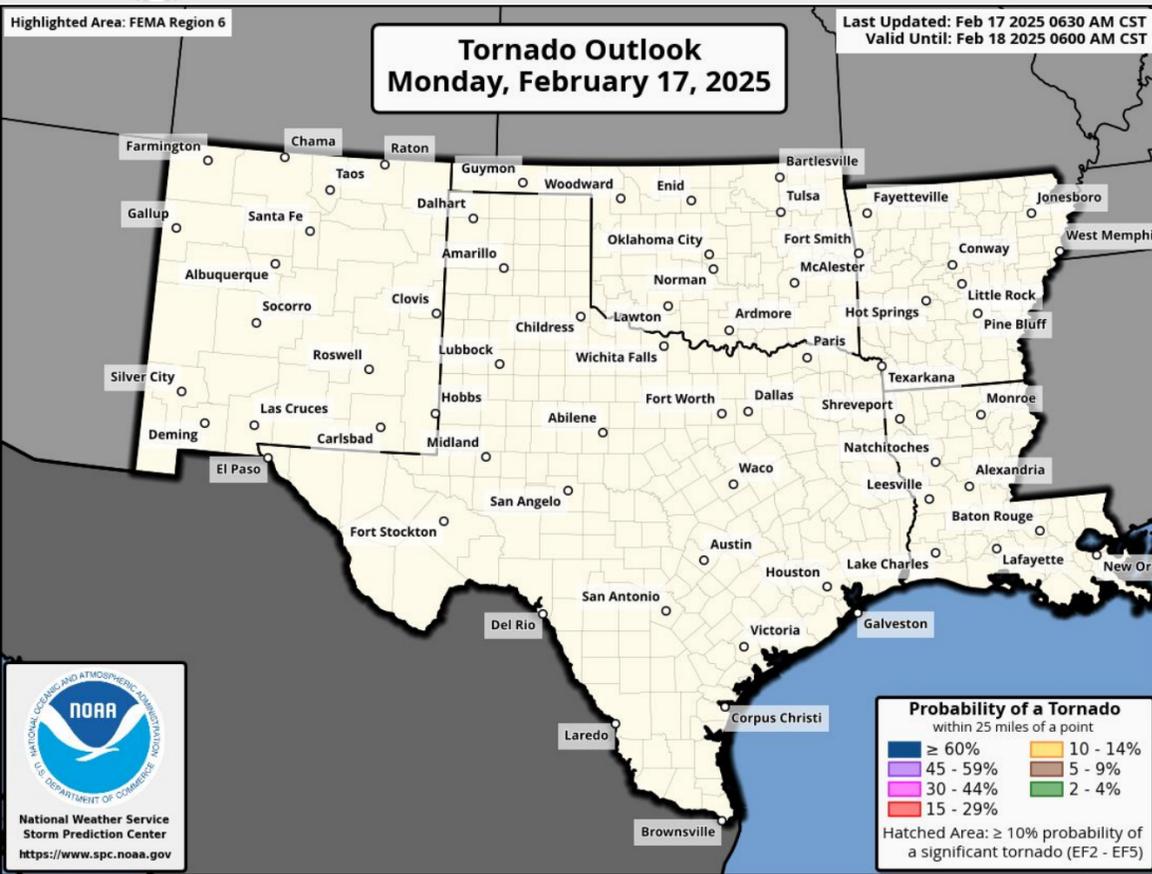


## Excessive Rainfall Outlook



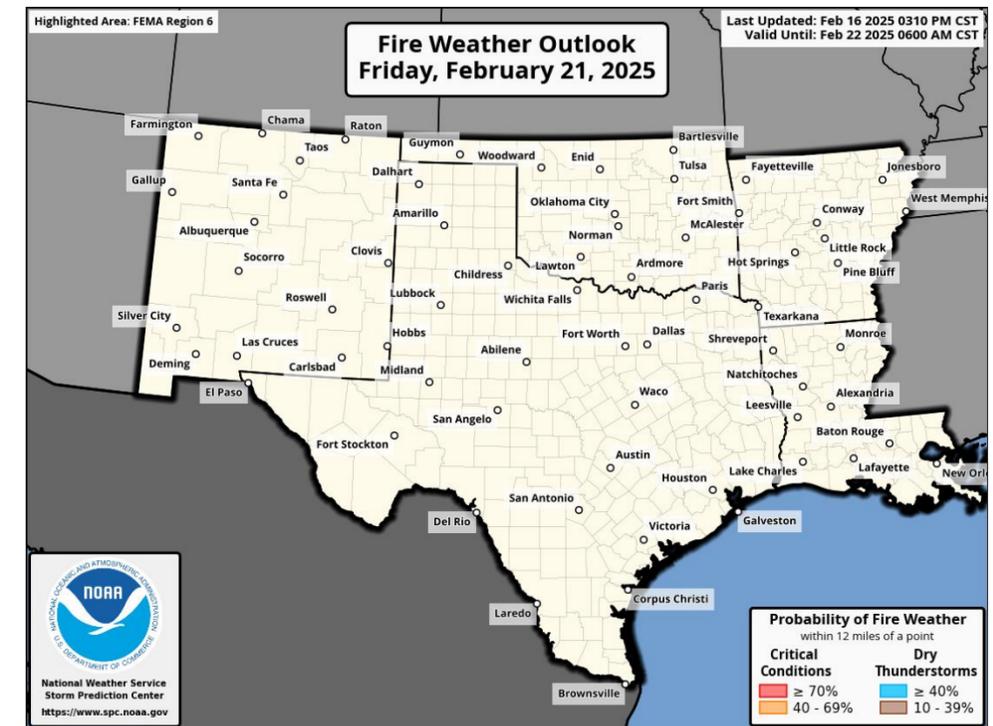
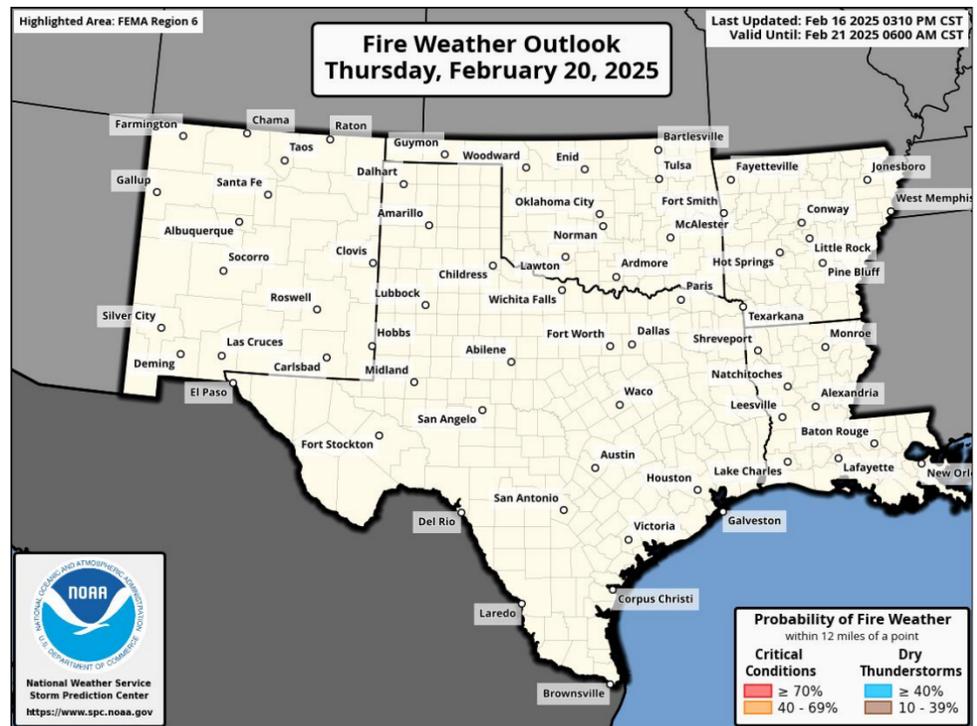
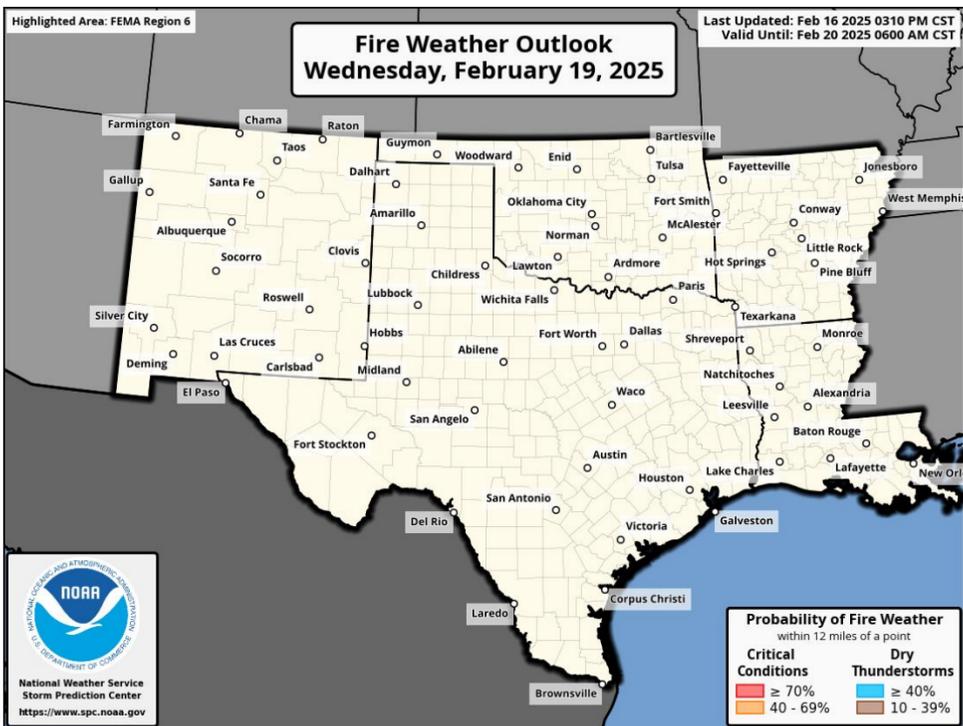
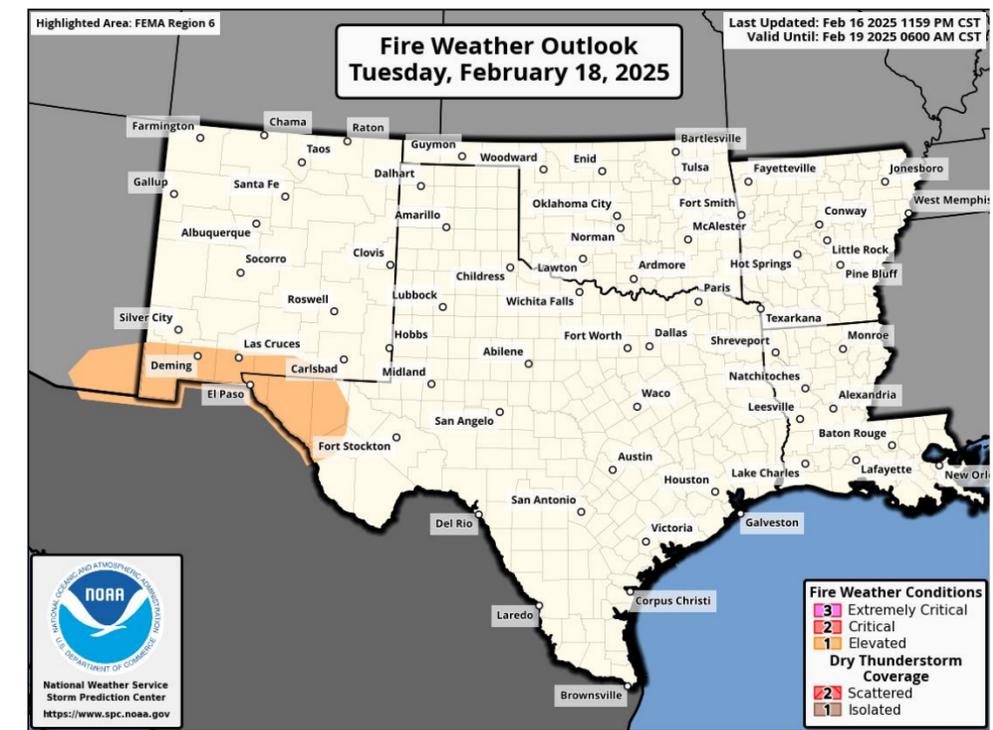
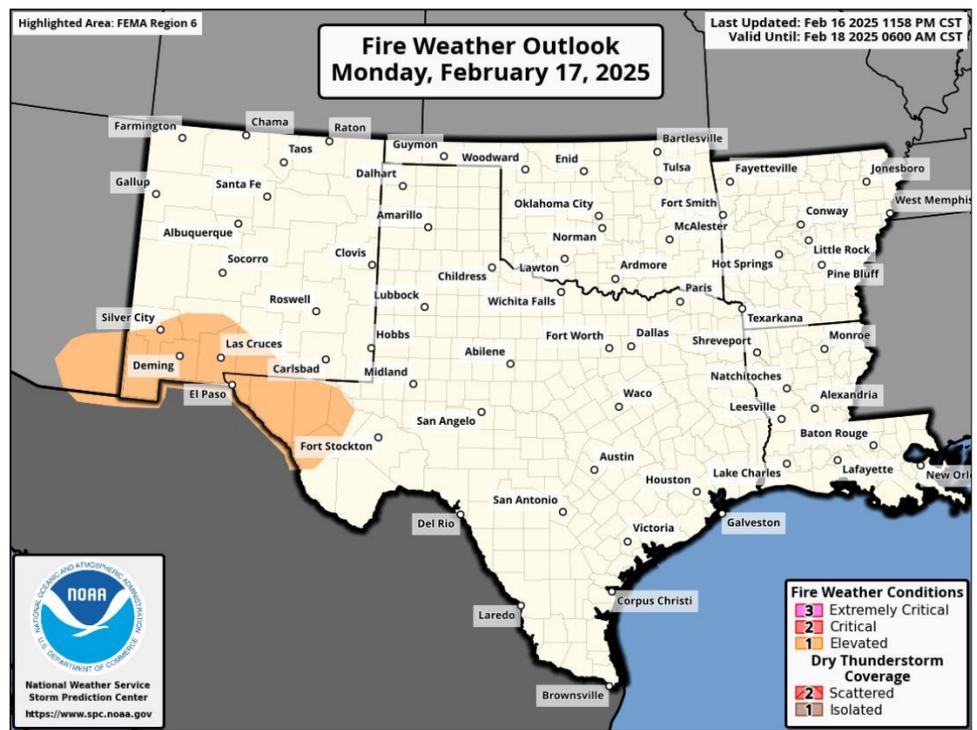
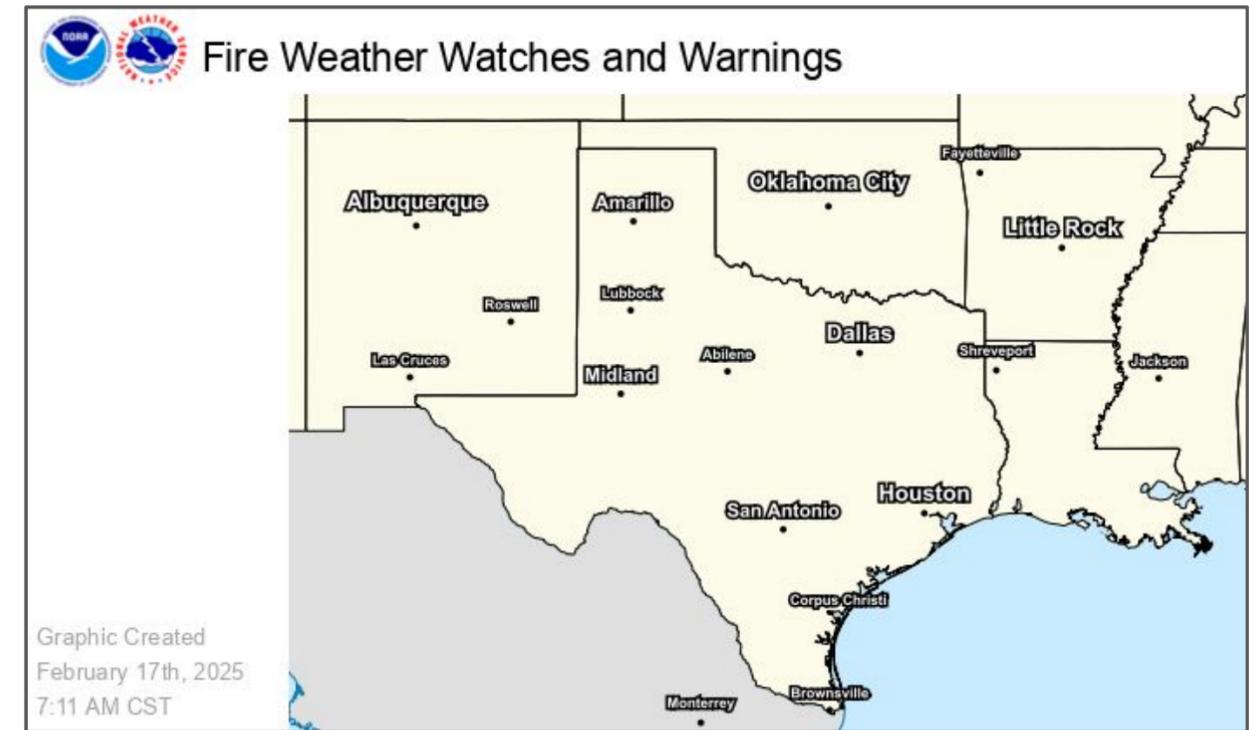


# Today's Tornado & Severe Wind / Hail Probabilities





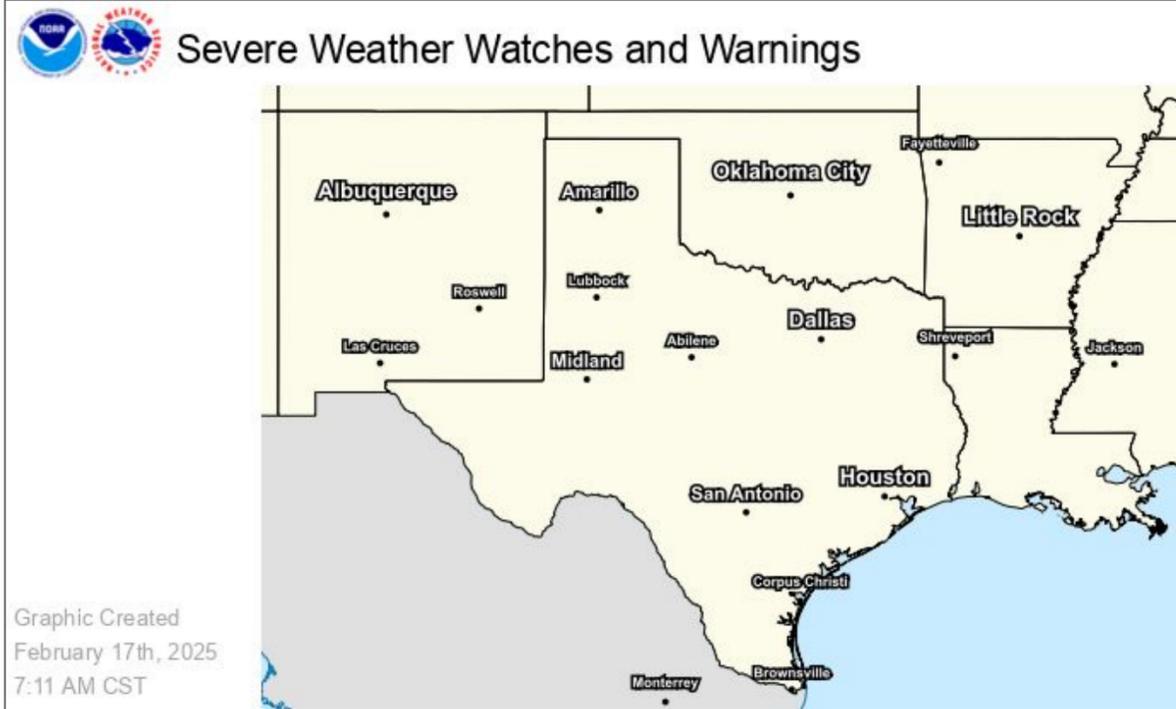
# Fire Weather Outlooks



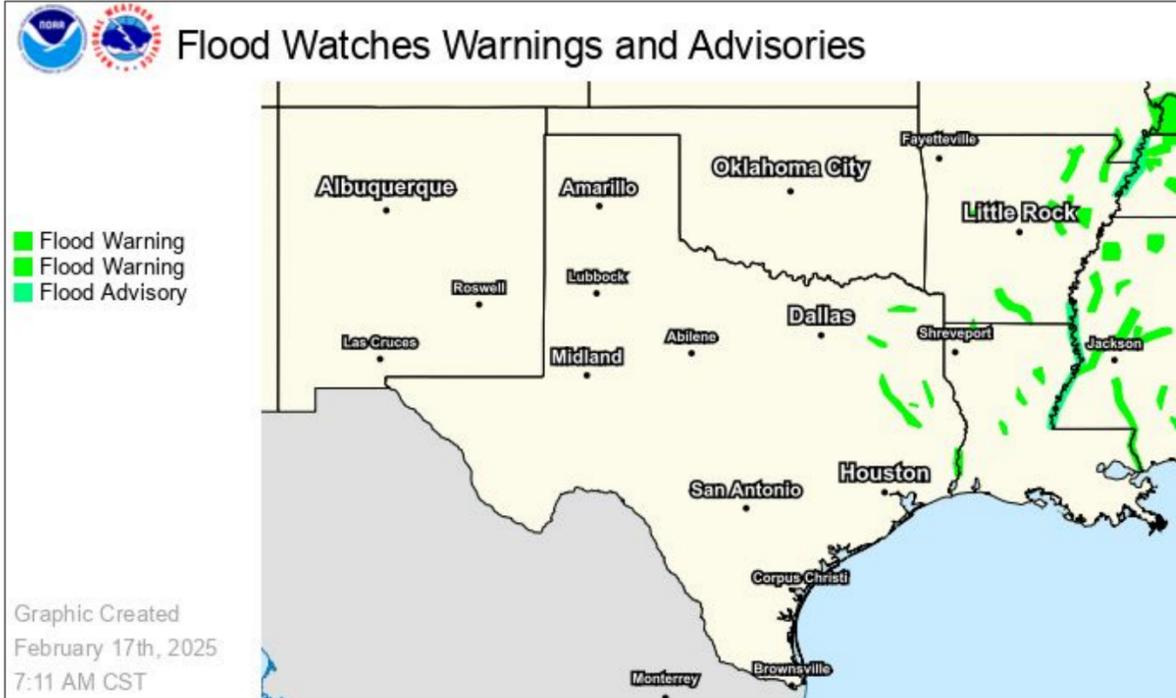
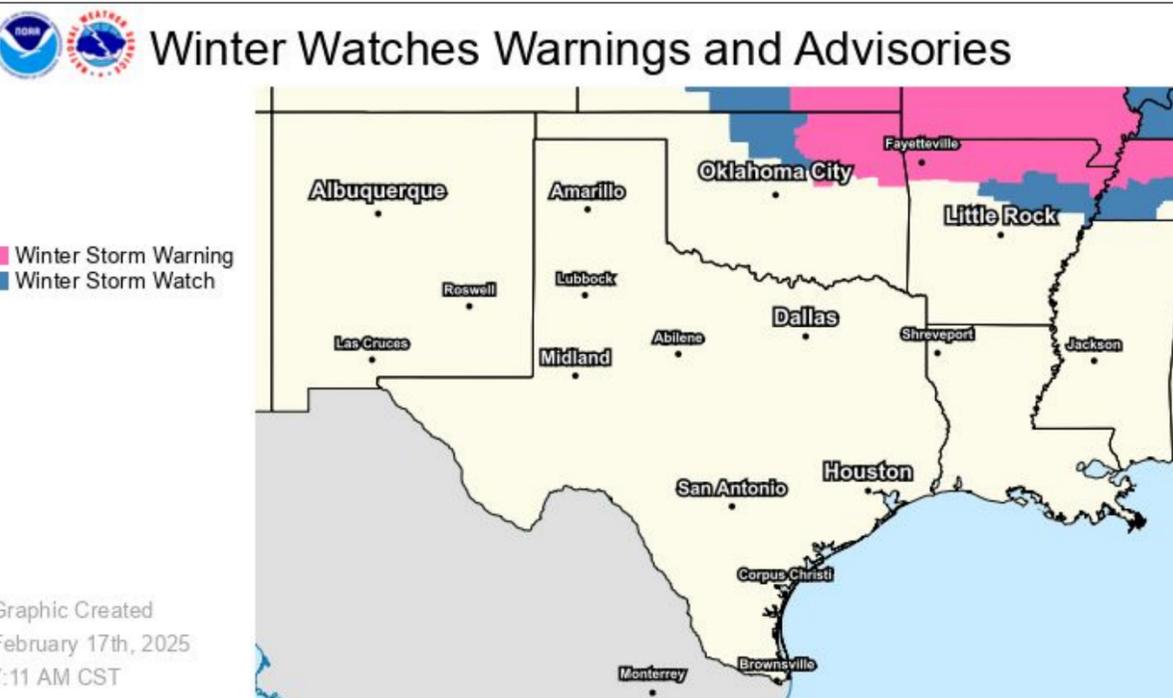


# Watches, Warnings, and Advisories

## Wind, Severe, Winter, and Flood Hazards



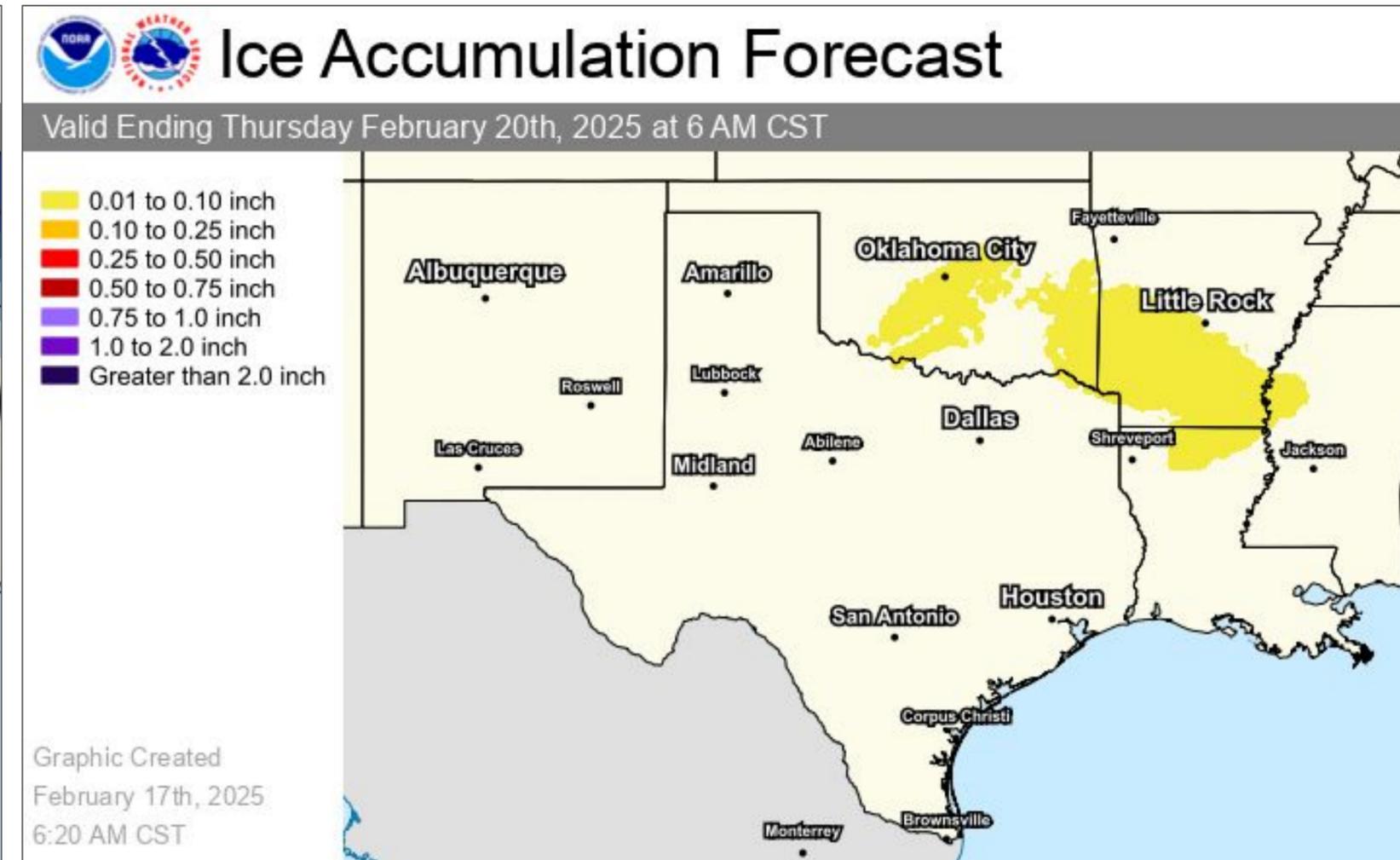
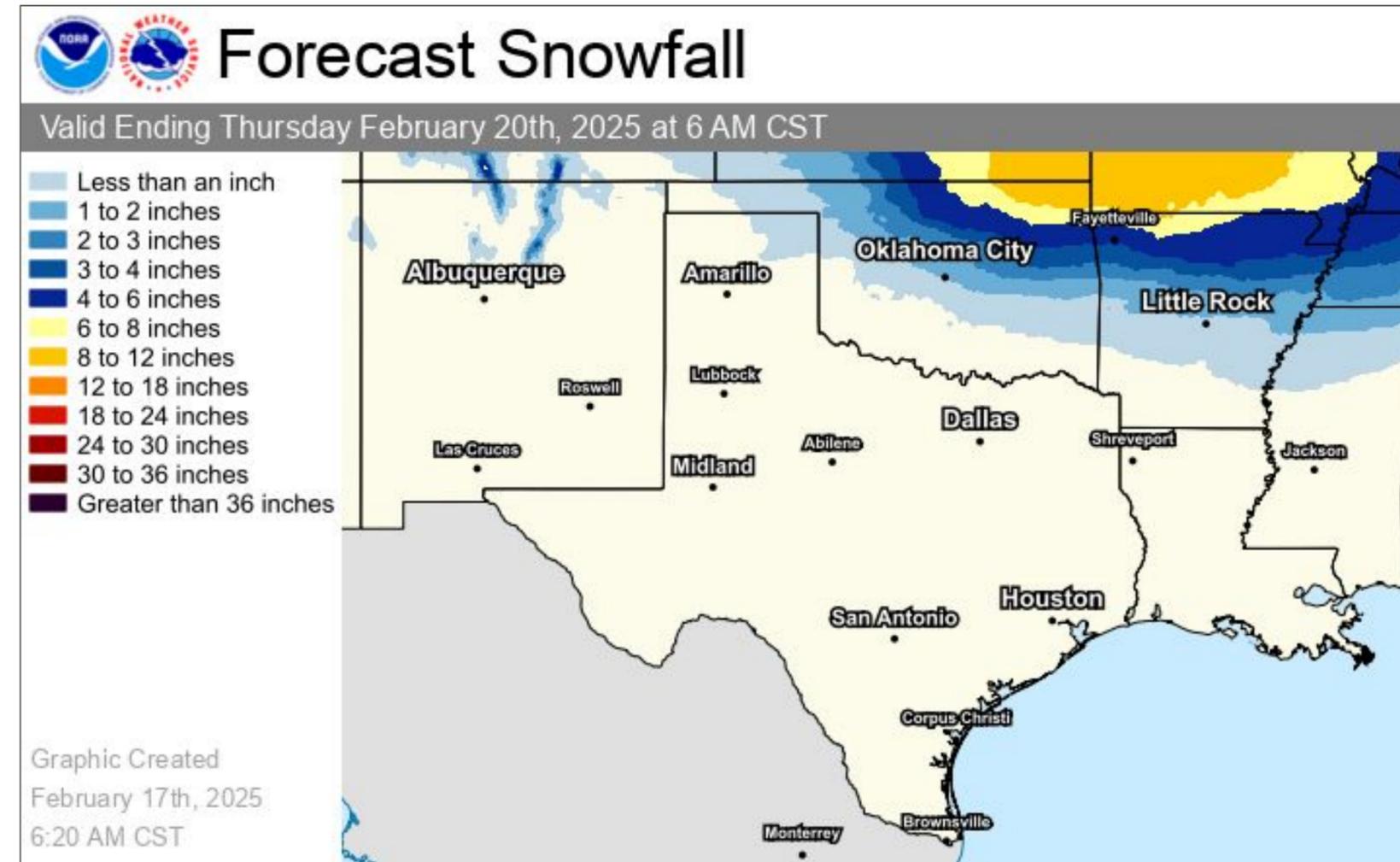
**Winter Storm Watches/Warnings for N OK, N AR Tuesday morning through late Tuesday night. 3-6 inches of snow is forecast (up to 8" along the KS/MS borders), with a light glazing of ice.**





# Winter Weather

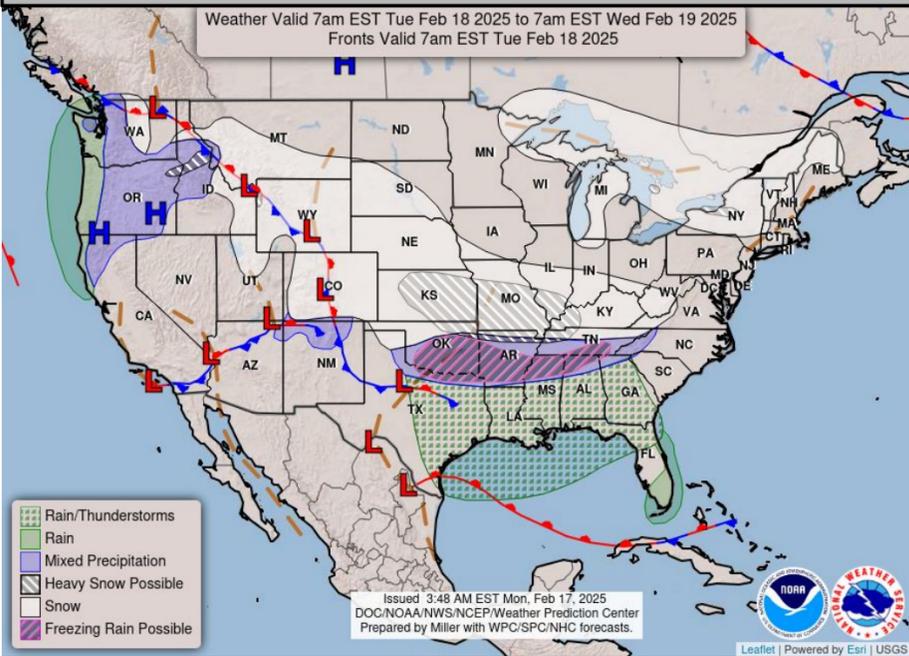
Through the next 3 days



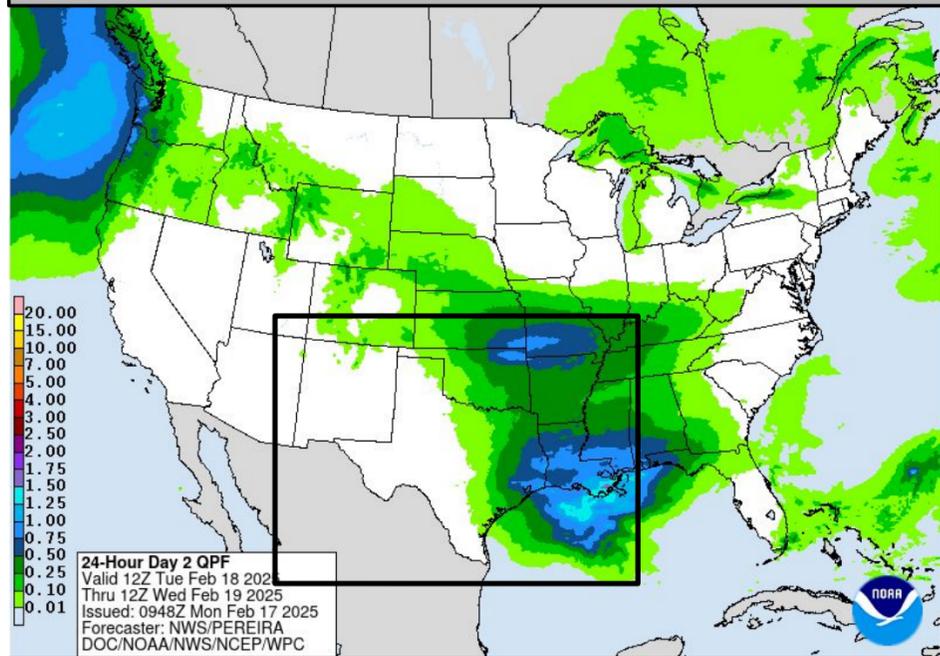


# Tomorrow's Weather

## Forecast Chart



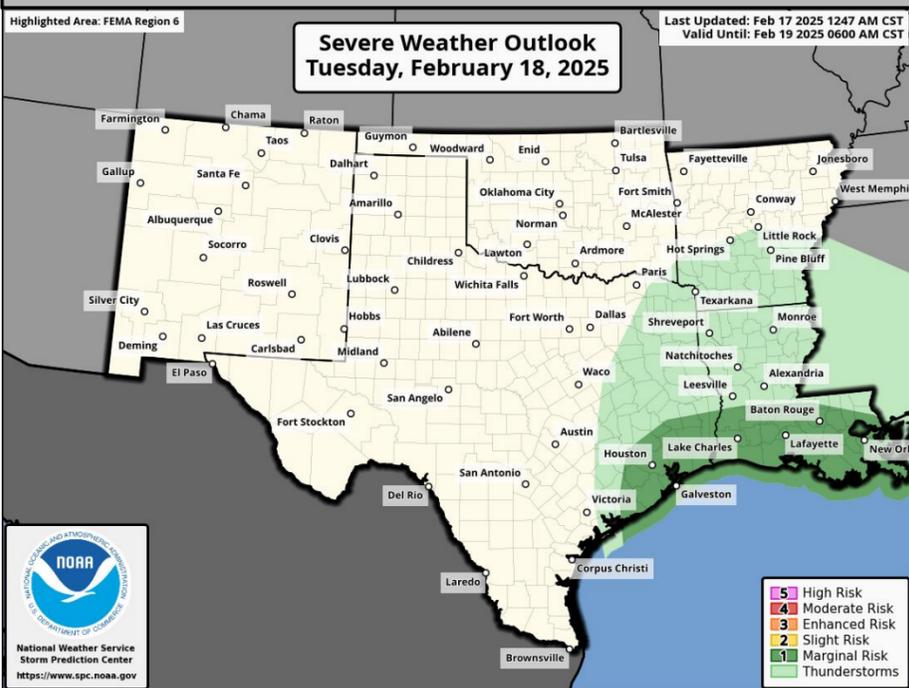
## Forecast Rainfall



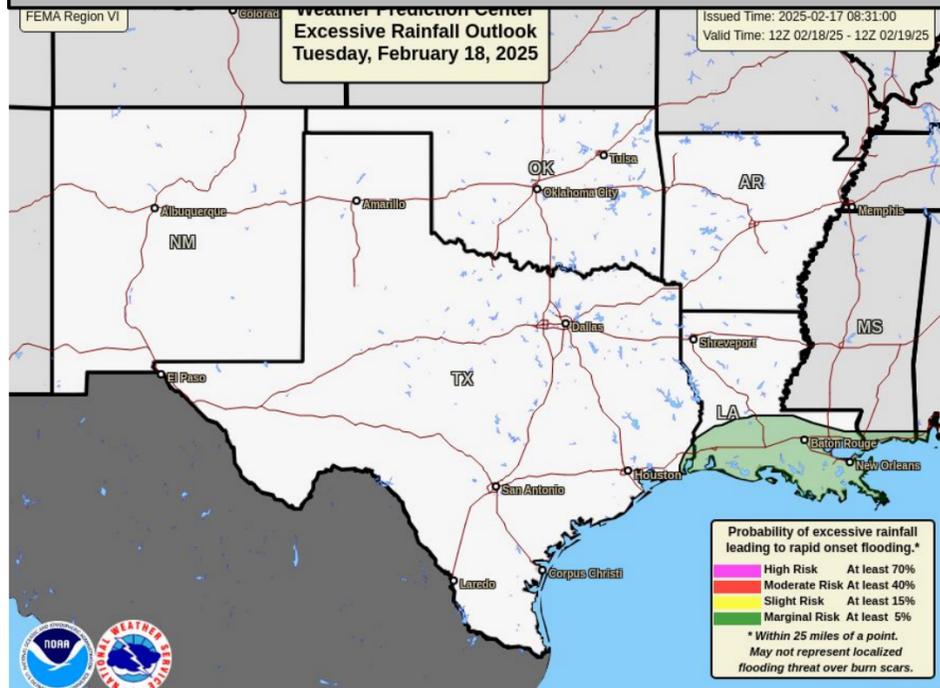
**3-6'' of snow over N OK and N AR (up to 8'' along the KS/MO borders). Heaviest snow will be north of I-40 and east of I-35.**

**Light freezing rain/freezing drizzle OK/AR into N TX and N LA**

## Severe Weather Outlook



## Excessive Rainfall Outlook



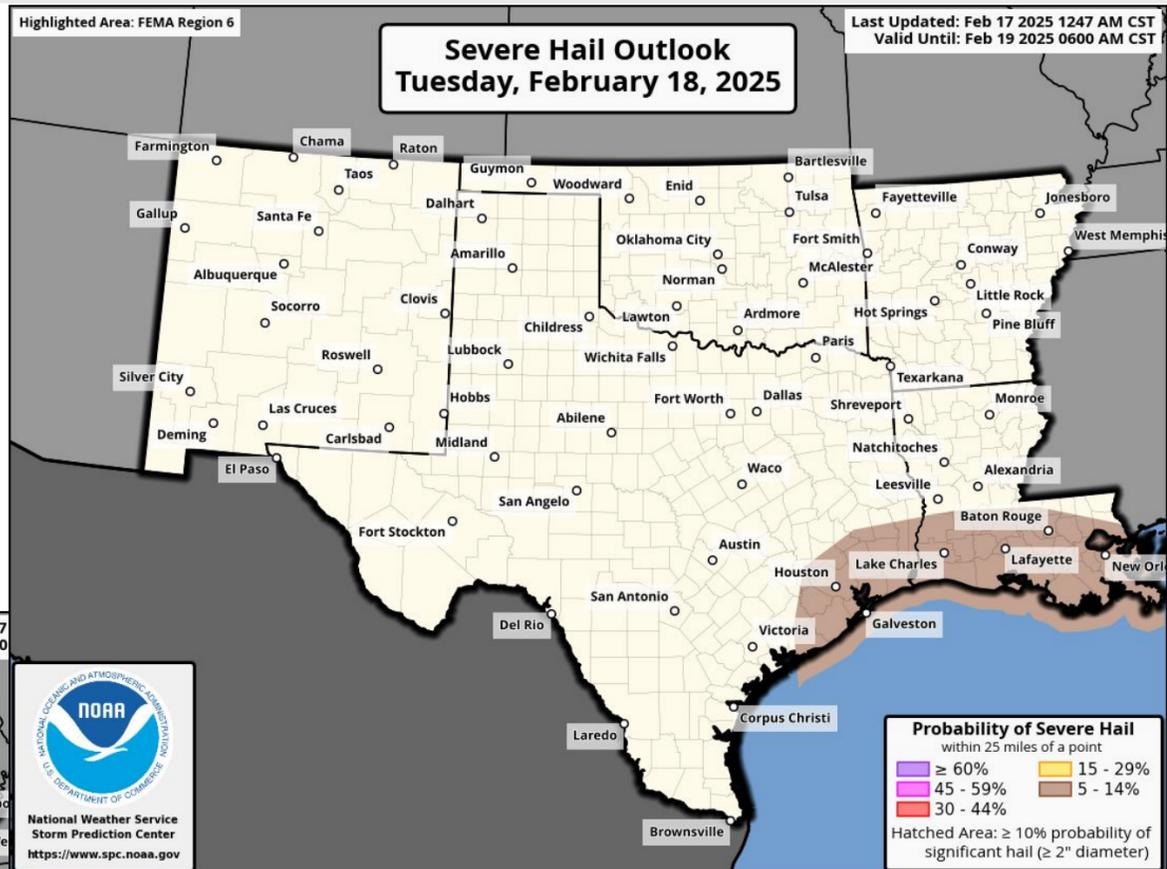
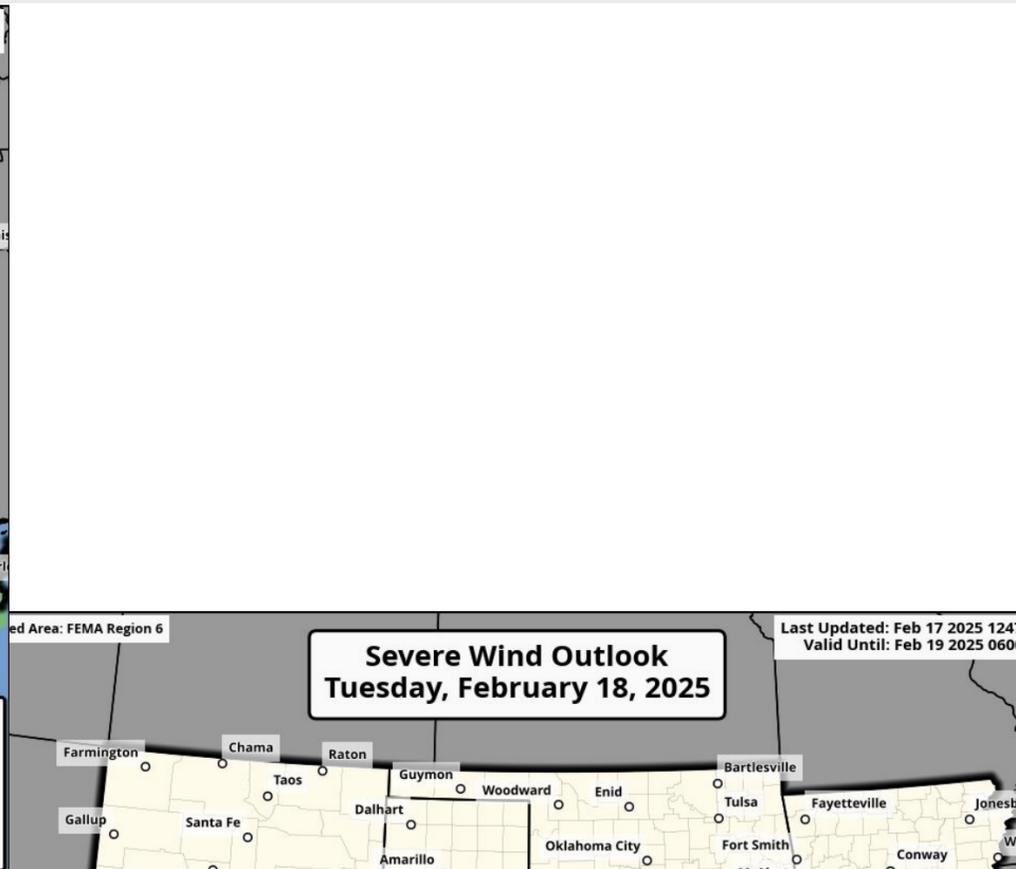
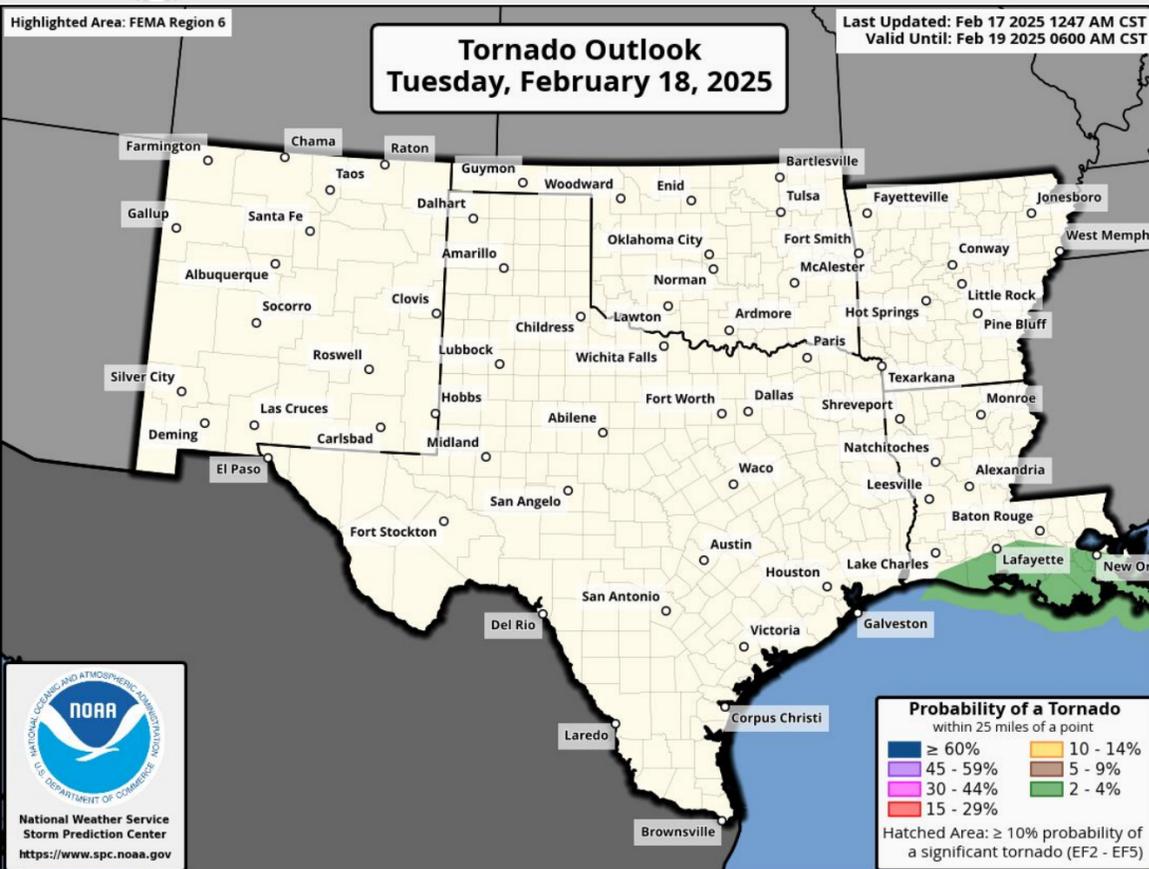
**Marginal Risk (Level 1 of 4) for Heavy Rain/Flash Flooding in S LA.**

**Marginal Risk (Level 1 of 4) for severe storms in SE TX, S LA.**

**Elevated Risk (level 1 of 3) for fire weather concerns S NM, W TX**

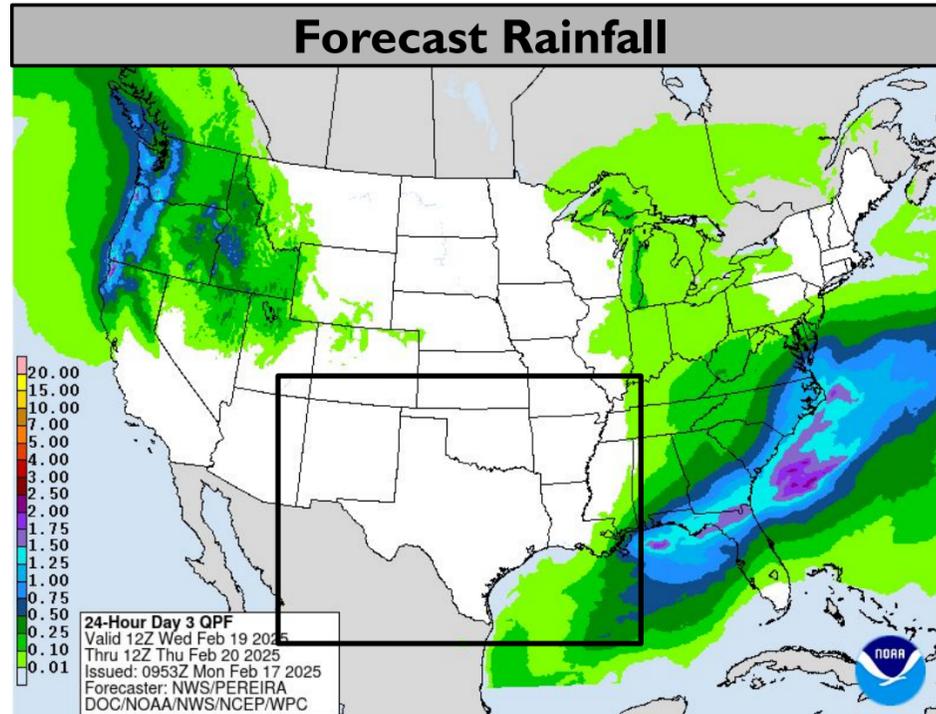
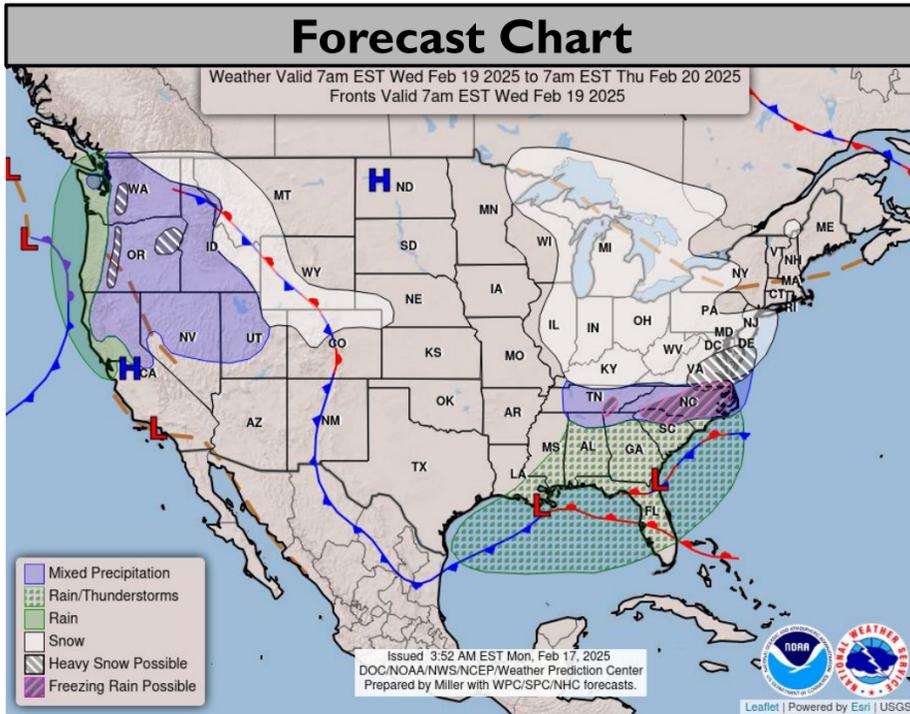


# Tomorrow's Tornado & Severe Wind / Hail Probabilities

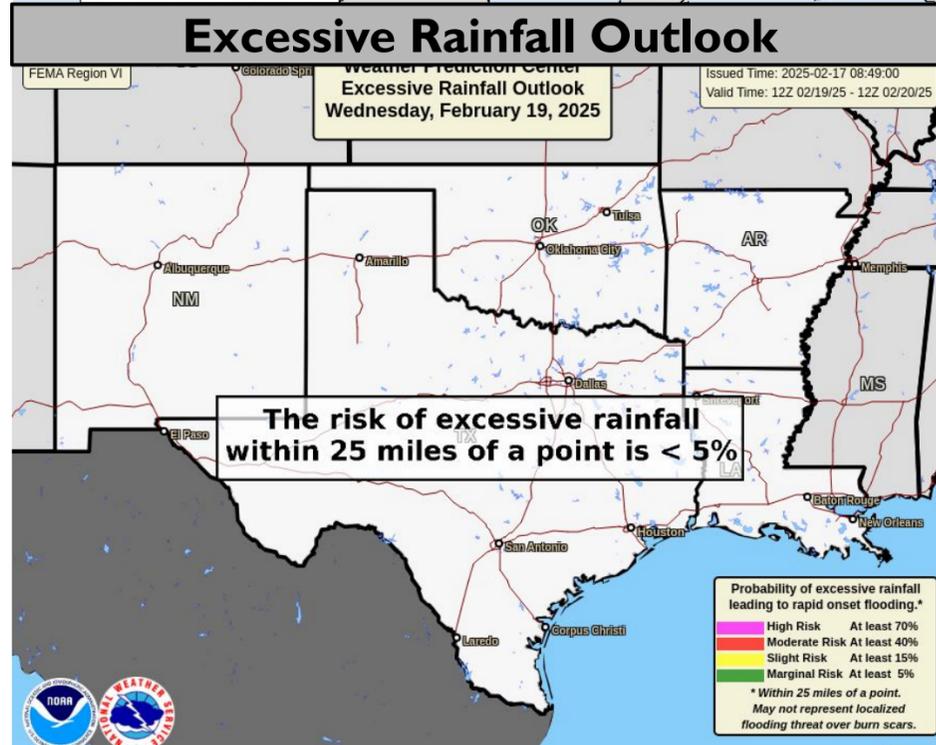
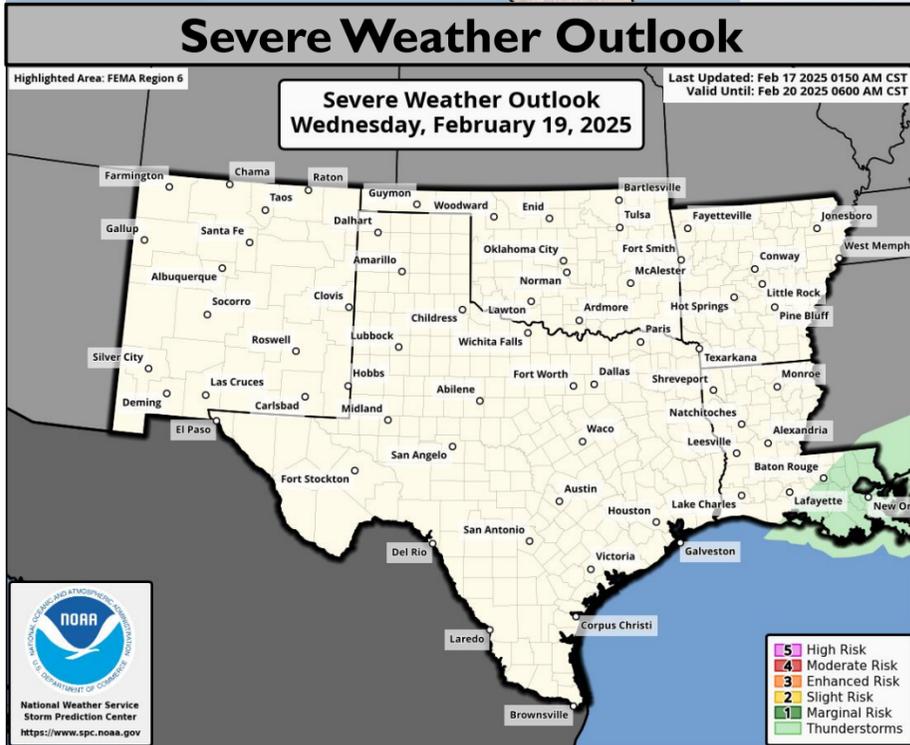




# Wednesday's Weather



**Very cold across OK, TX, LA and AR with temperatures 25-35 degrees below normal.**

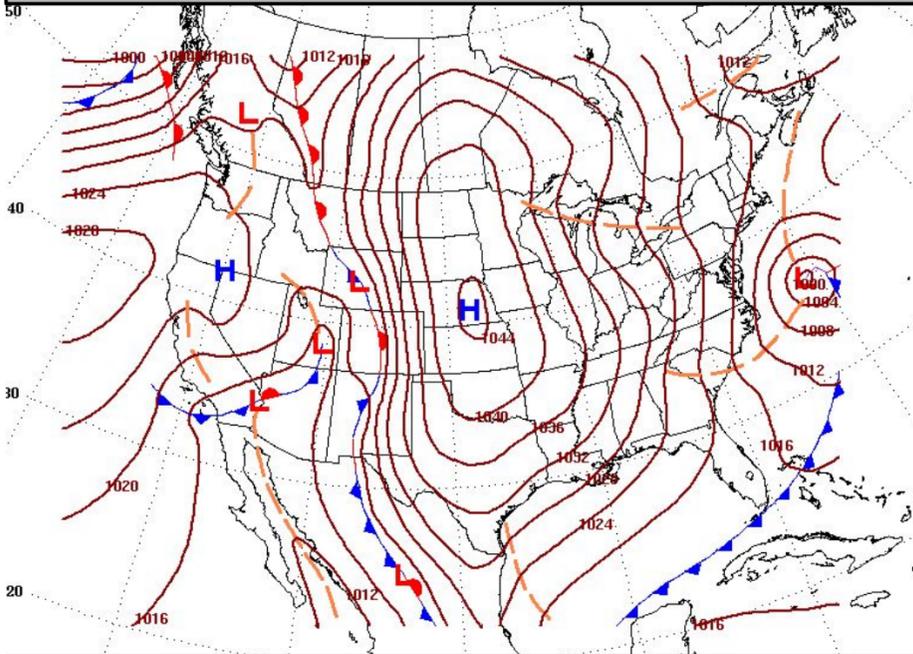




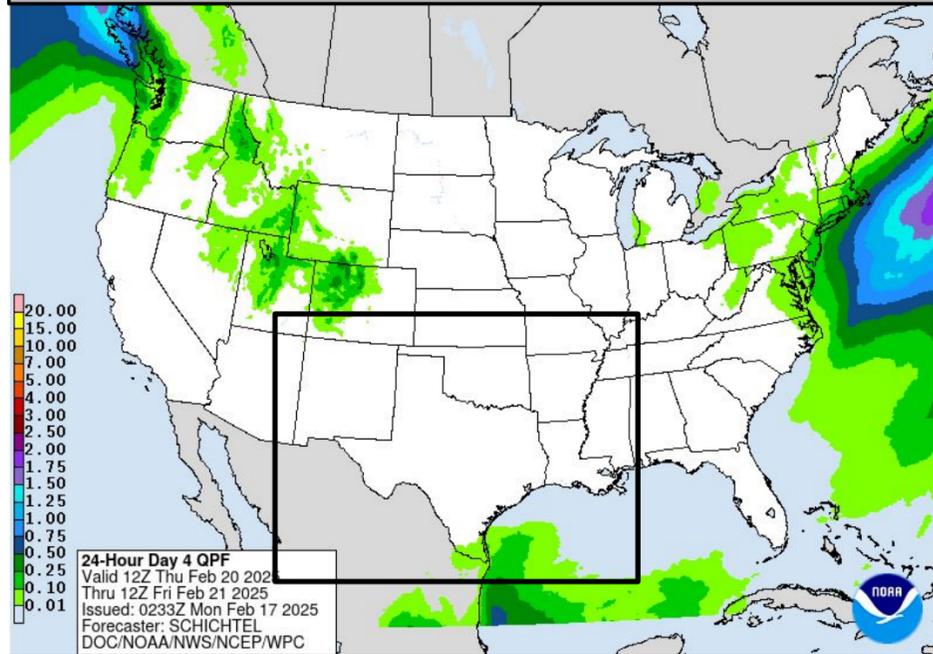


# Thursday's Weather

### Forecast Chart

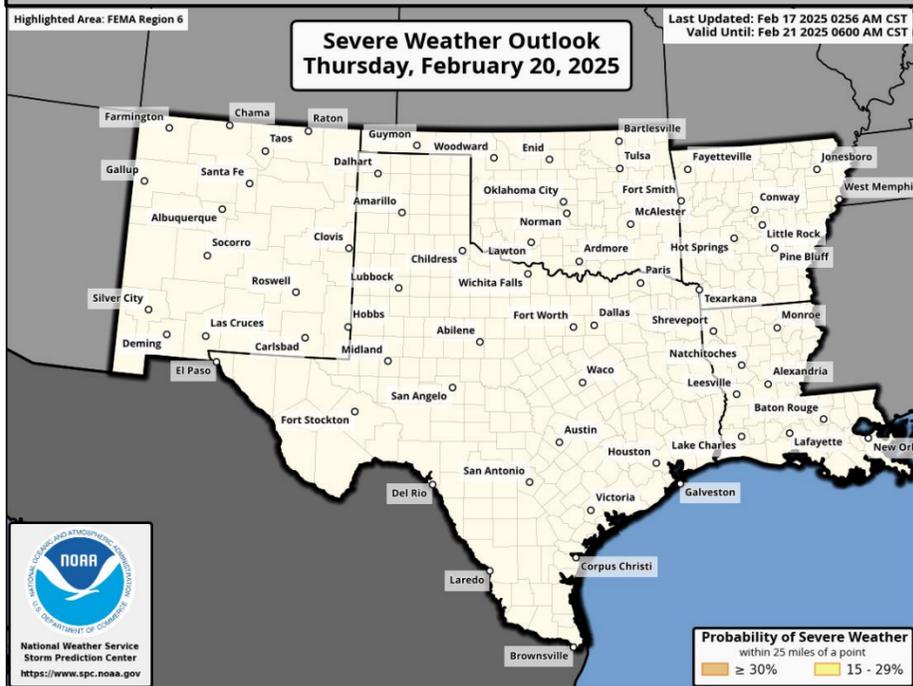


### Forecast Rainfall

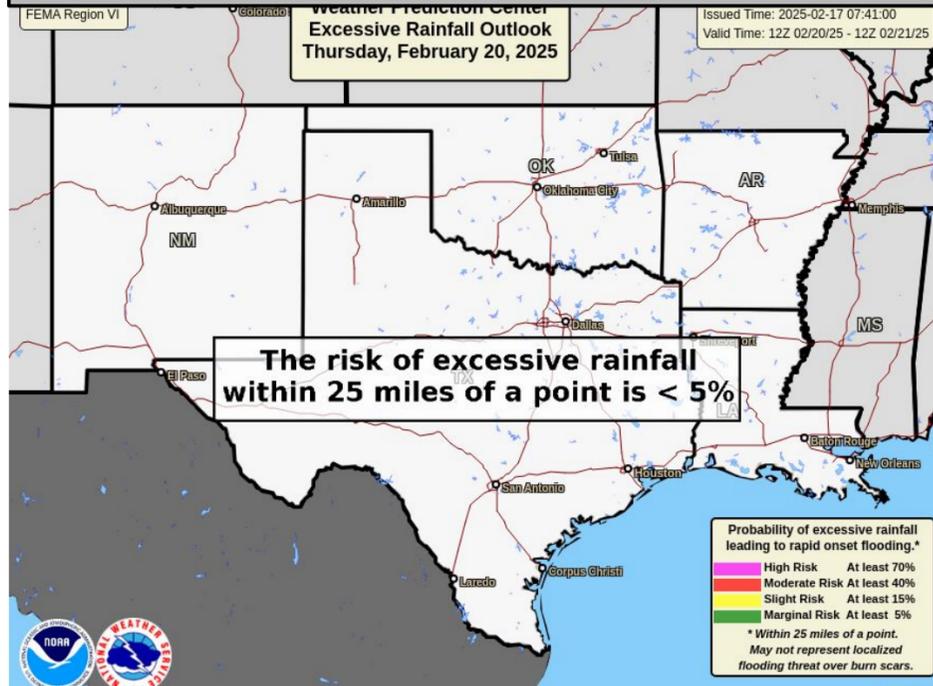


**Very cold across OK, TX, LA and AR with temperatures 25-35 degrees below normal.**

### Severe Weather Outlook



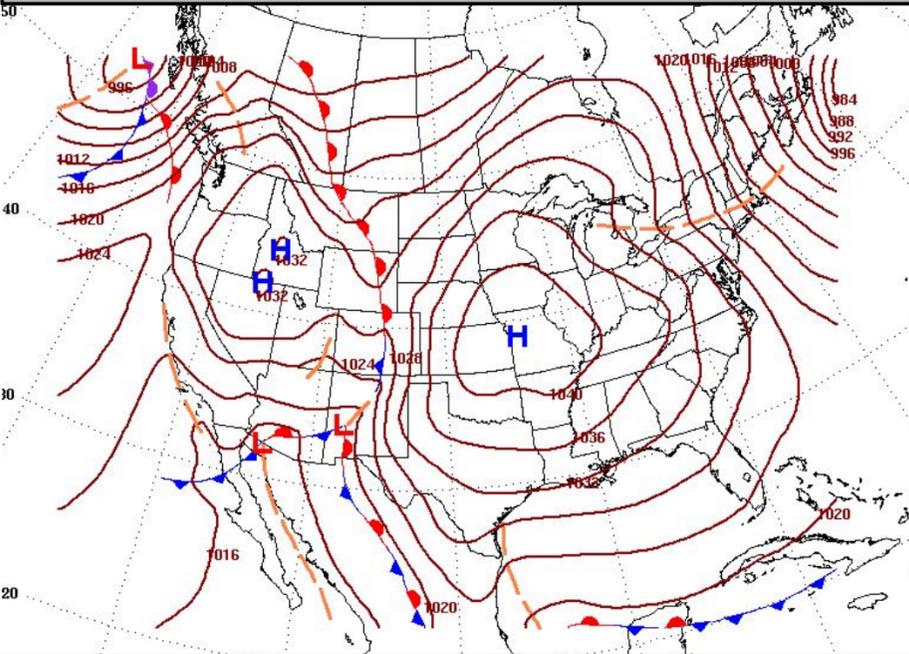
### Excessive Rainfall Outlook



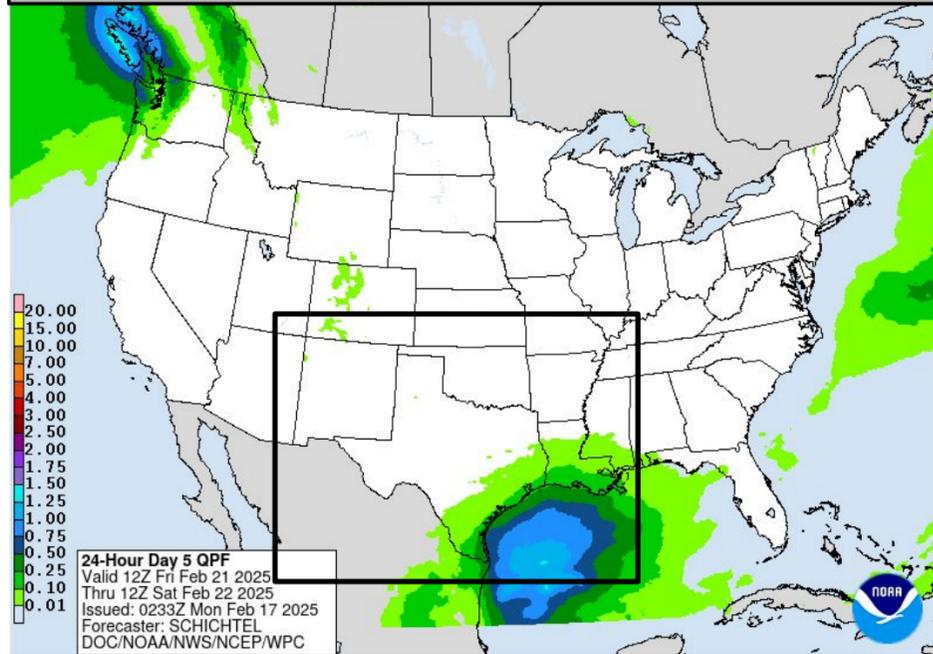


# Friday's Weather

### Forecast Chart

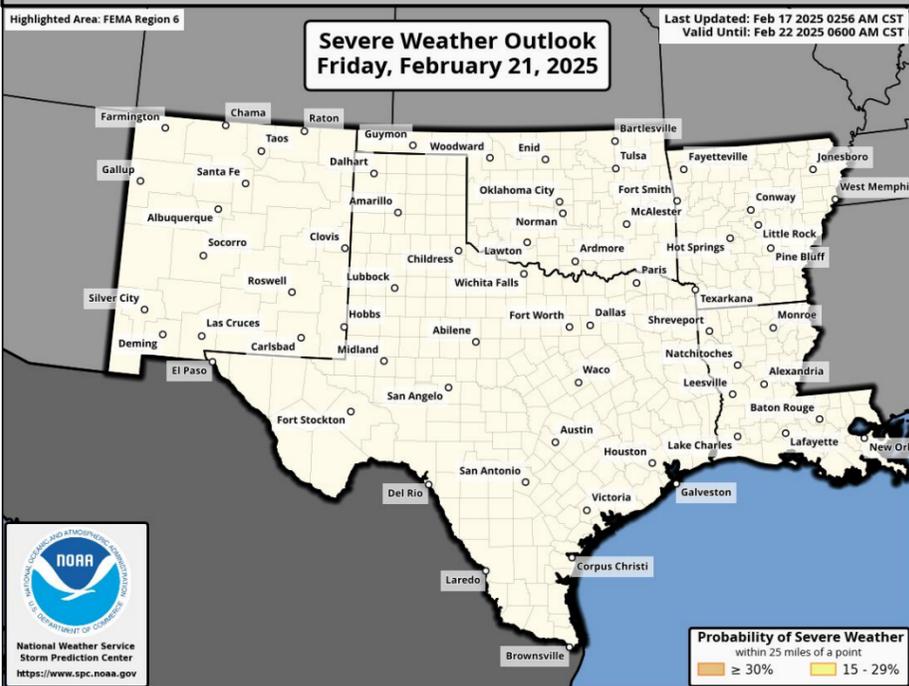


### Forecast Rainfall

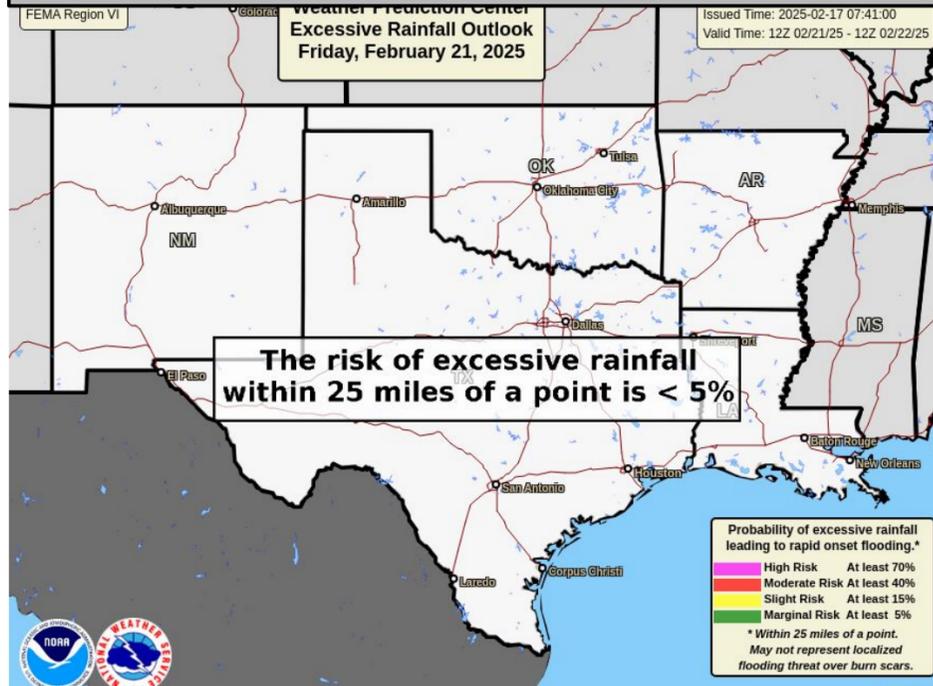


Temperatures begin to gradually moderate.

### Severe Weather Outlook



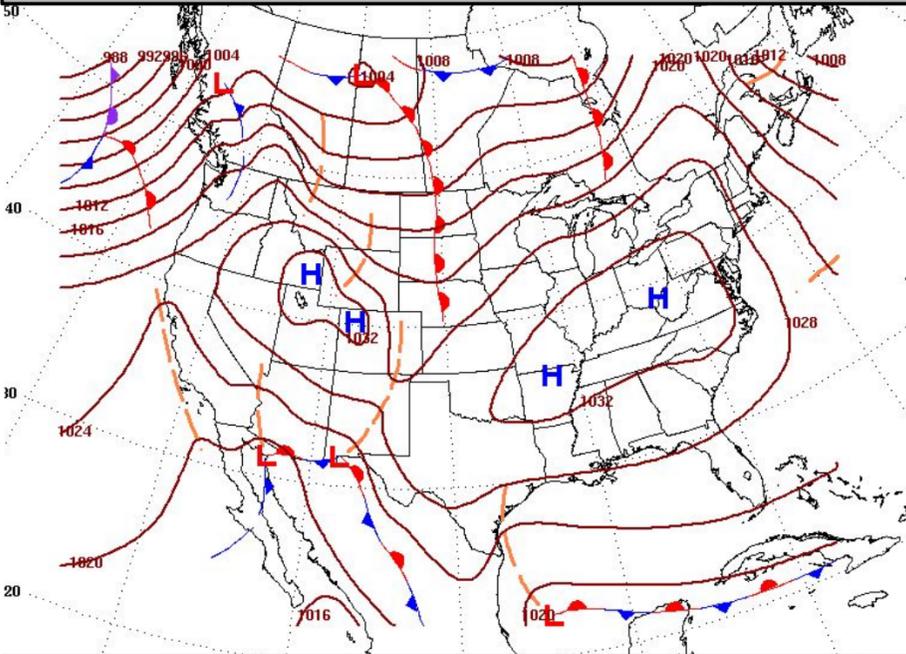
### Excessive Rainfall Outlook



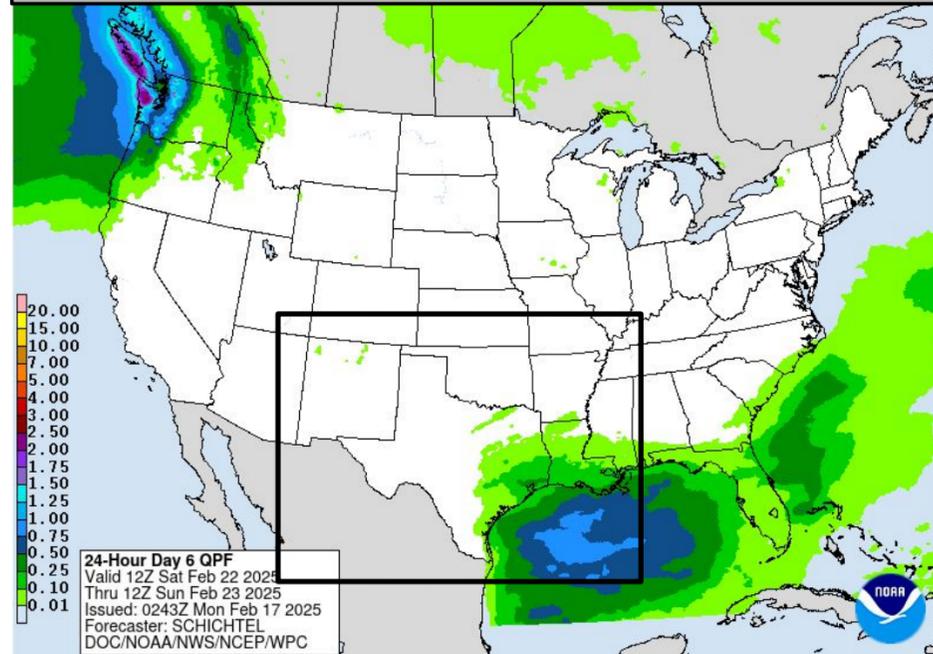


# Saturday's Weather

### Forecast Chart

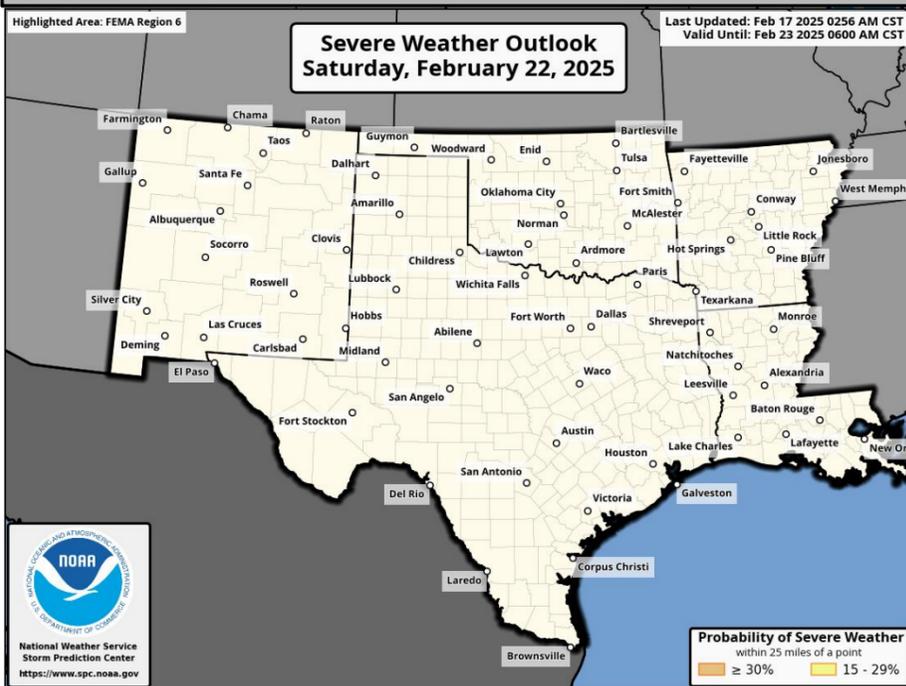


### Forecast Rainfall



**No significant weather expected.**

### Severe Weather Outlook

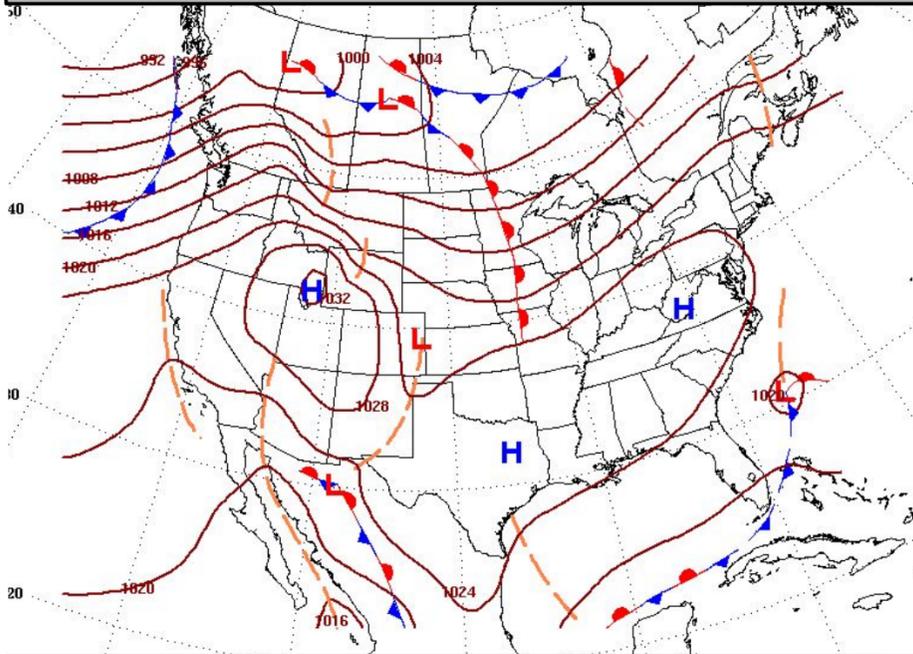


**Excessive Rainfall Outlooks not available beyond Day 5**

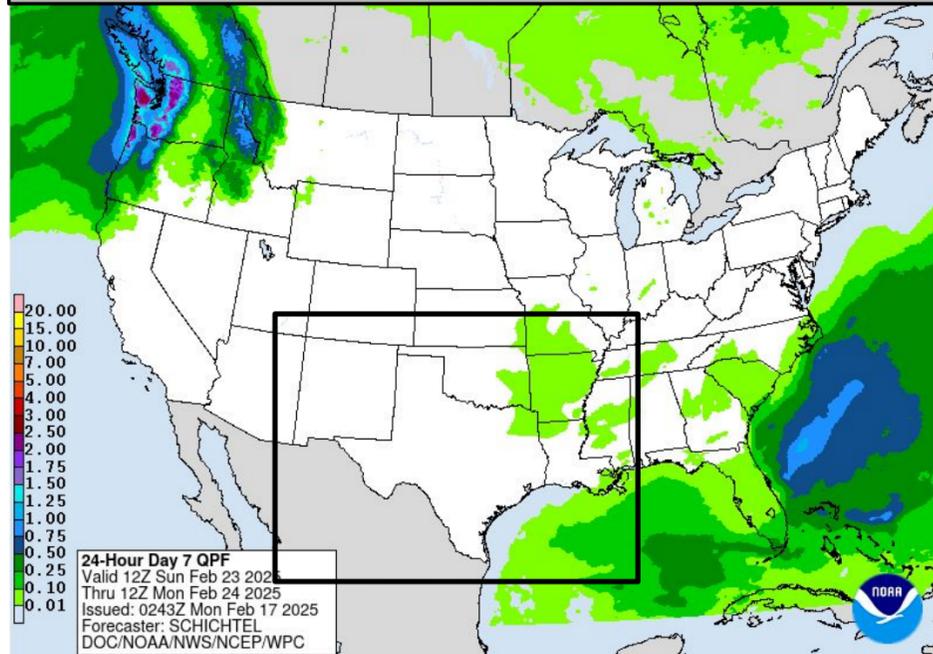


# Sunday's Weather

### Forecast Chart

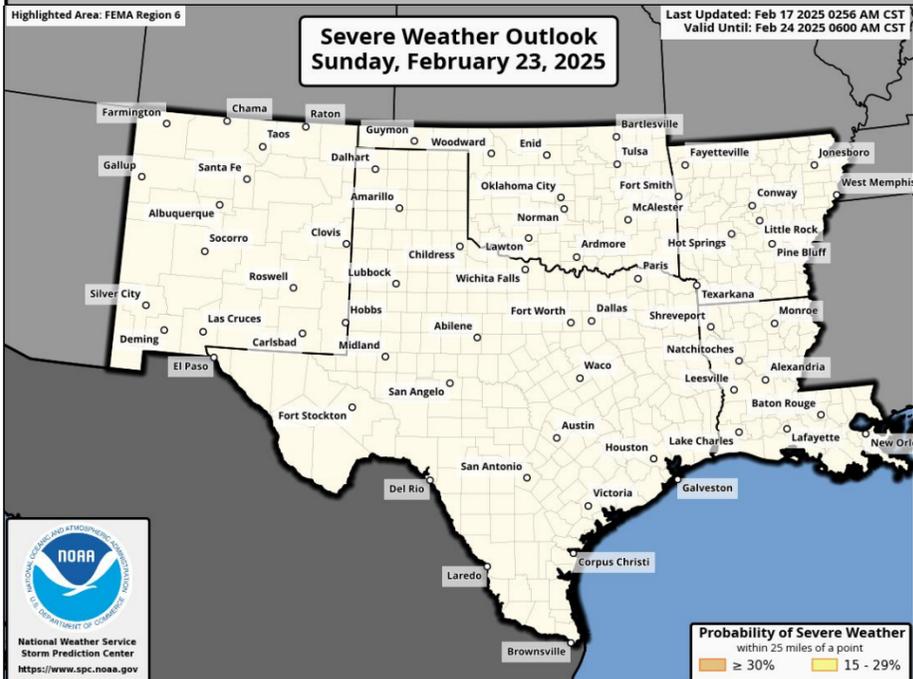


### Forecast Rainfall



**No significant weather expected.**

### Severe Weather Outlook



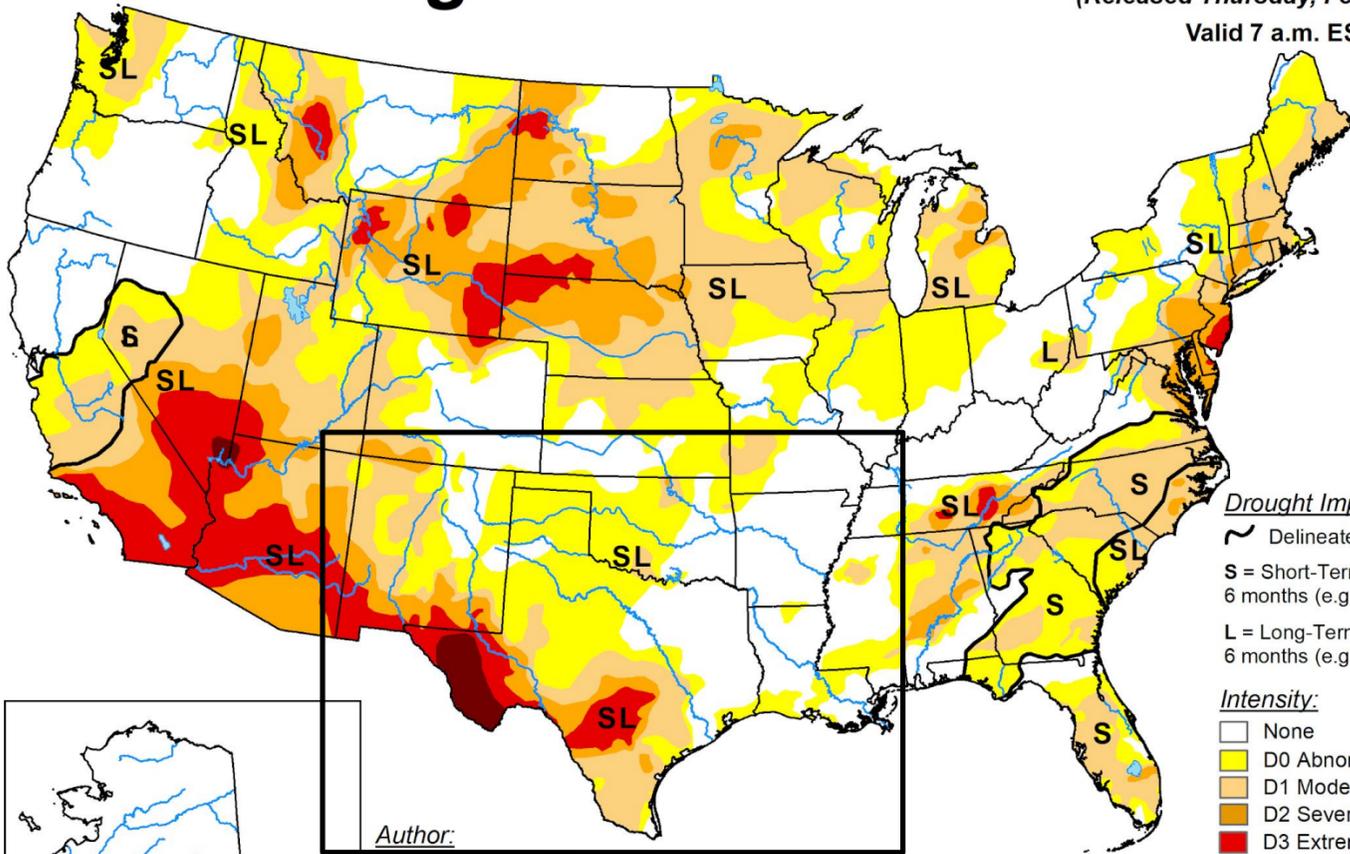
**Excessive Rainfall Outlooks not available beyond Day 5**



# Drought Monitor

## U.S. Drought Monitor

February 11, 2025  
(Released Thursday, Feb. 13, 2025)  
Valid 7 a.m. EST



**Drought Impact Types:**  
~ Delineates dominant impacts  
S = Short-Term, typically less than 6 months (e.g. agriculture, grasslands)  
L = Long-Term, typically greater than 6 months (e.g. hydrology, ecology)

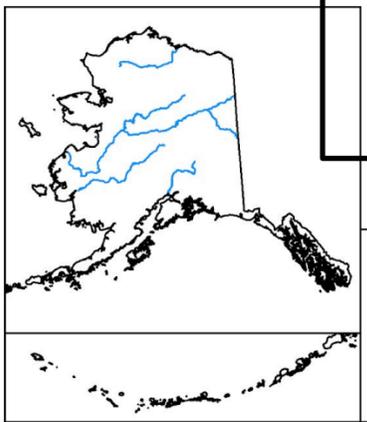
**Intensity:**  
None  
D0 Abnormally Dry  
D1 Moderate Drought  
D2 Severe Drought  
D3 Extreme Drought  
D4 Exceptional Drought

Author:  
Lindsay Johnson  
National Drought Mitigation Center

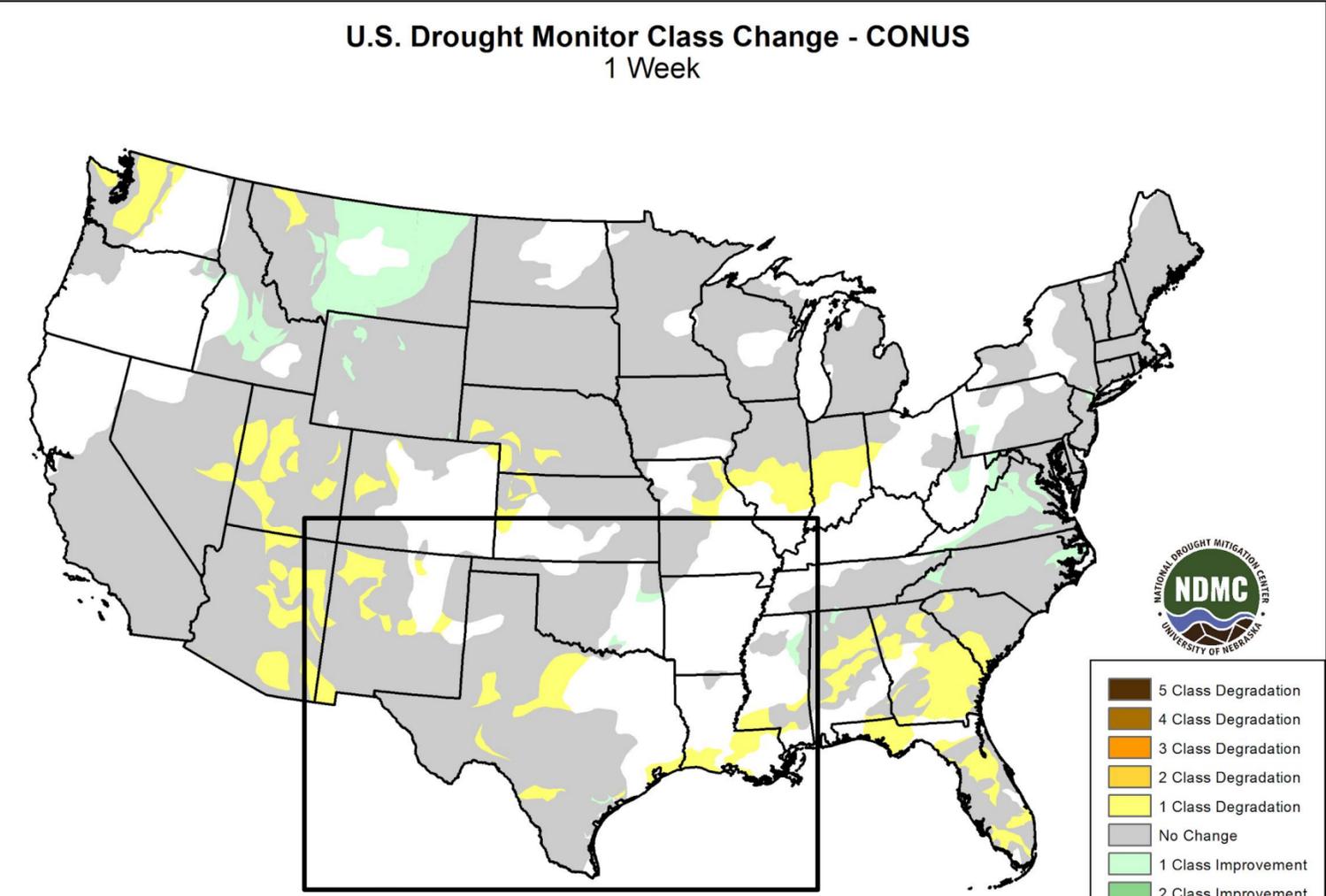
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>



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



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



February 11, 2025  
compared to  
February 4, 2025

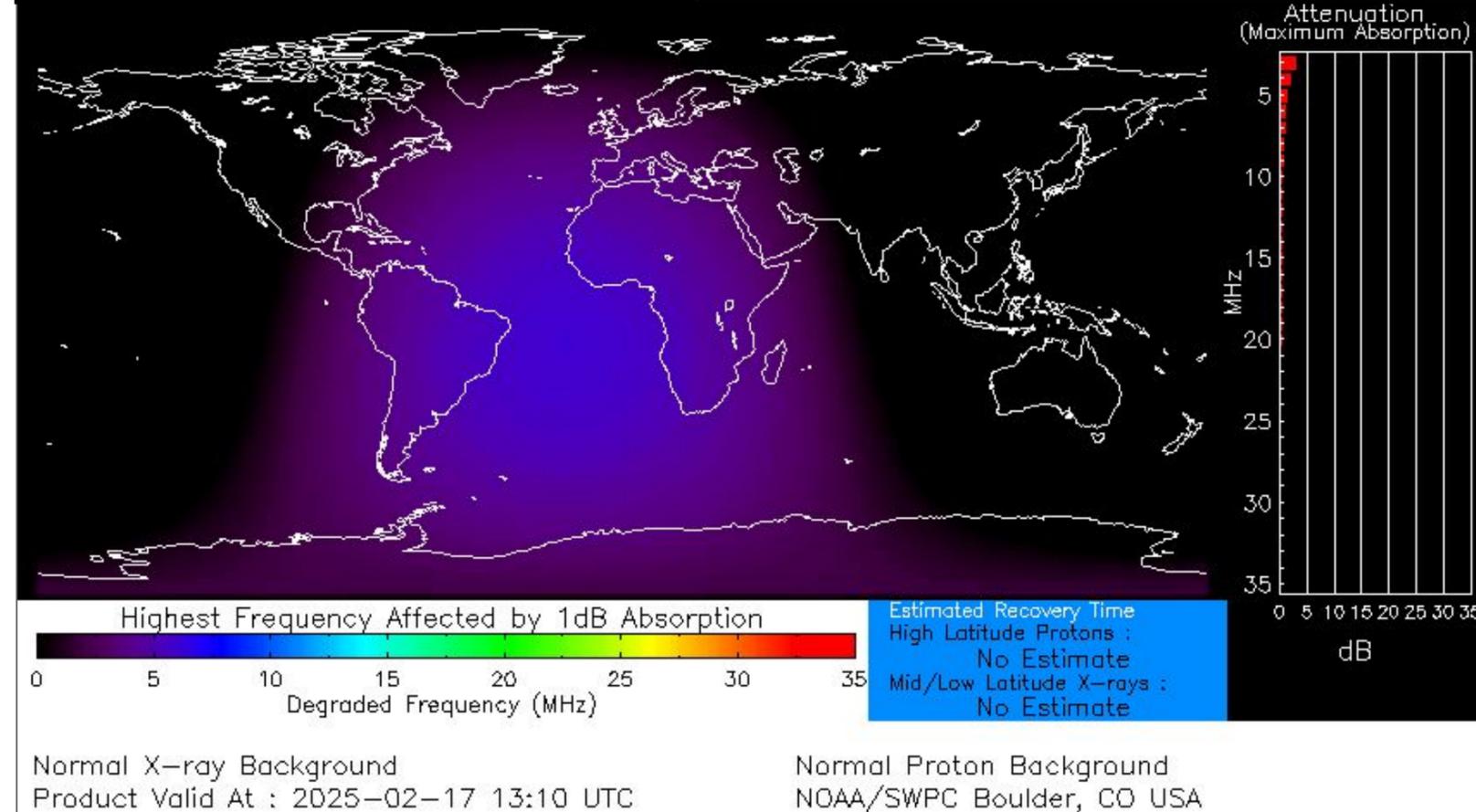
**Legend:**  
5 Class Degradation  
4 Class Degradation  
3 Class Degradation  
2 Class Degradation  
1 Class Degradation  
No Change  
1 Class Improvement  
2 Class Improvement  
3 Class Improvement  
4 Class Improvement  
5 Class Improvement

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



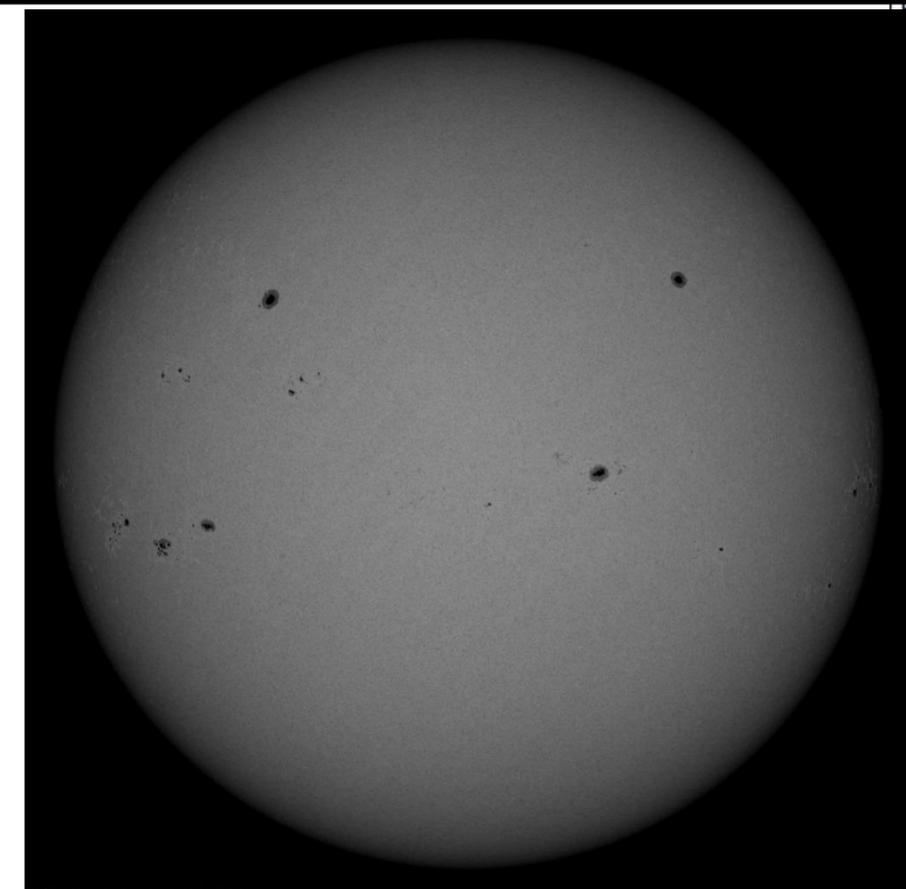
# Space Weather 3-Day Forecast

|                                      | Monday, Feb 17                 | Tuesday, Feb 18                   | Wednesday, Feb 19                 |
|--------------------------------------|--------------------------------|-----------------------------------|-----------------------------------|
| <b>Geomagnetic Storms</b>            | <b>Active<br/>(Max Kp = 4)</b> | <b>Unsettled<br/>(Max Kp = 3)</b> | <b>Unsettled<br/>(Max Kp = 3)</b> |
| <b>Solar Radiation Storm (S1-S5)</b> | <b>5%</b>                      | <b>5%</b>                         | <b>5%</b>                         |
| <b>Radio Blackout (R1-R2)</b>        | <b>45%</b>                     | <b>45%</b>                        | <b>40%</b>                        |
| <b>Radio Blackout (R3-R5)</b>        | <b>10%</b>                     | <b>10%</b>                        | <b>10%</b>                        |



[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;"><b>Little to None</b></p> <p>Safety: Rarely a Direct Threat to Life and Property<br/>Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>                                      | <p>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</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 seabreeze storms in coastal TX</li> </ul>  |
| Yellow | <p style="text-align: center;"><b>Minor</b></p> <p>Safety: Rarely a Direct Threat to Life and Property<br/>Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>   | <p>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</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>Moderate</b></p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br/>Impact Potential: Typically Results in Minor Disruption to Daily Life</p>                                | <p>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</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>Major</b></p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br/>Impact Potential: Will likely result in Large Disruption to Daily Life</p>                        | <p>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</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>Extreme</b></p> <p>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</p> | <p>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</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)**



# National Weather Service

Southern Region Headquarters

Regional Operations Center

Fort Worth, TX



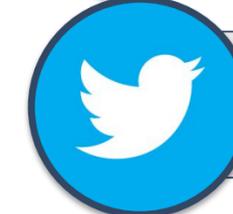
**Phone:** (682) 703-3747



**Facebook:** NWSSouthern



**E-mail:** [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)



**Twitter:** NWSSouthern



**Web:** [www.weather.gov/srh](http://www.weather.gov/srh)





# **|\*\*Add Weather/Water Message\*\*|**

February 17, 2025  
1:45 PM

**|\*\*Add Weather/Water Message (optional)\*\*|**



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

**National Weather Service  
Southern Region**