



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.



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

National Weather Service
Southern Region



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

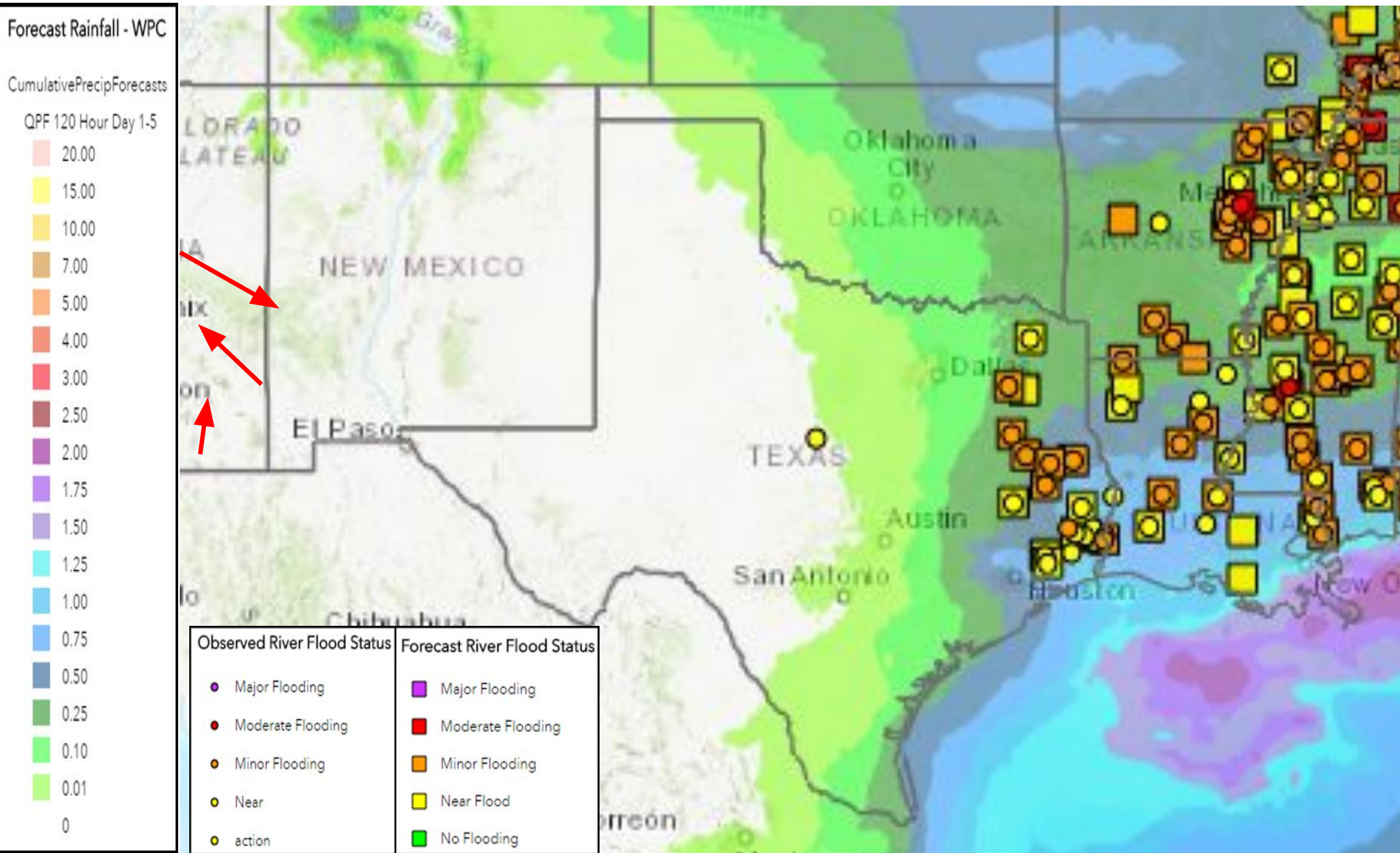
Risk Levels	Little to None	Minor	Moderate	Major	Extreme
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5-Day Precipitation Forecast & River Flood Status

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

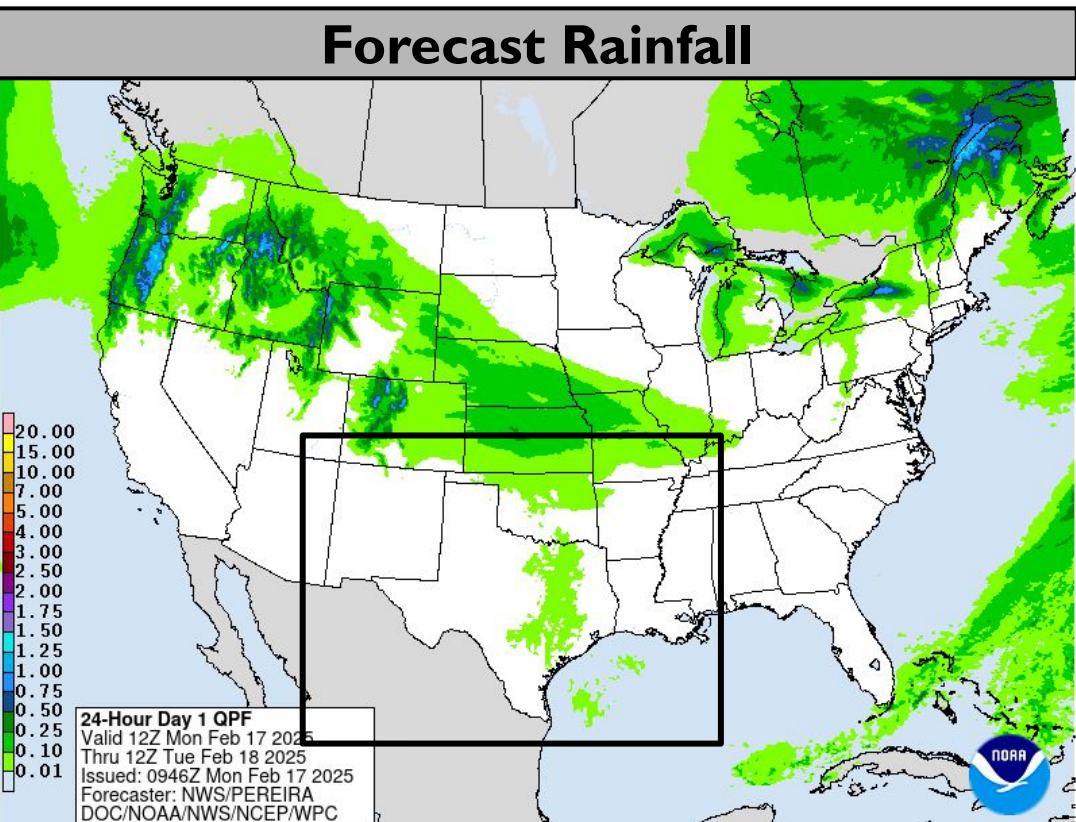
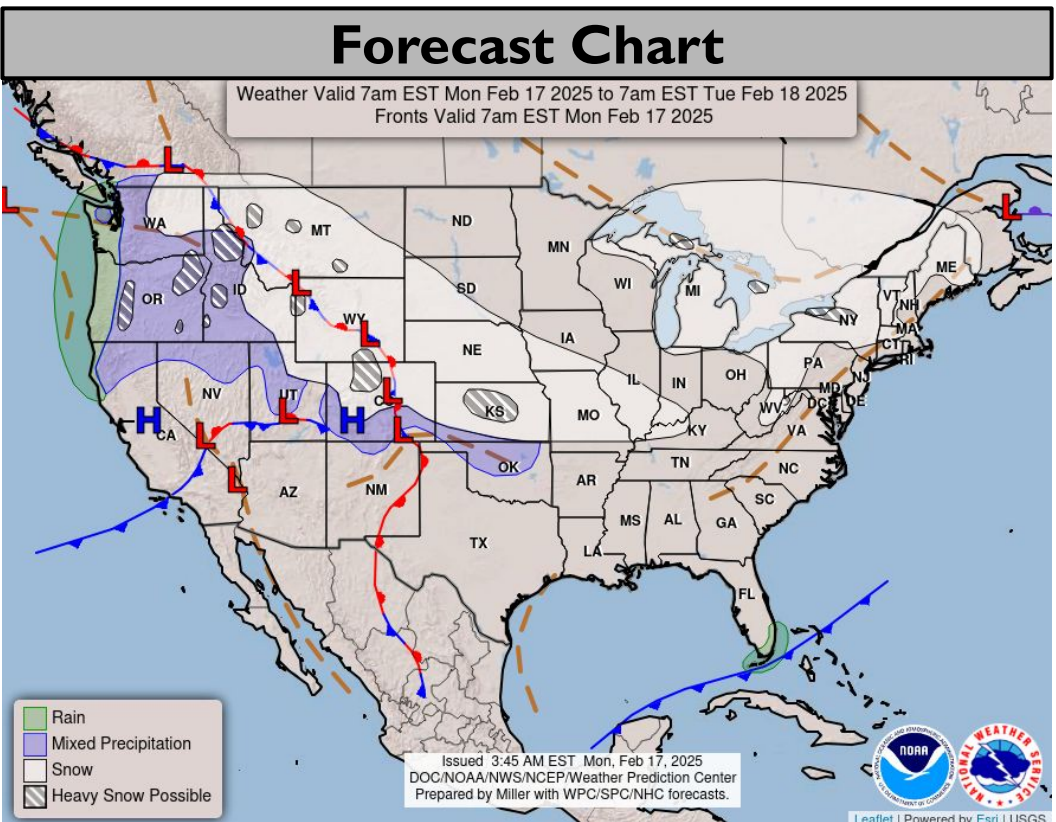


Minor river flooding will continue in N/ETX, AR, LA into next week with flooding of low-lying pastures, swampland, and secondary roads. The Cache River at Patterson, AR is at moderate flood stage with water near homes on Pine Street.

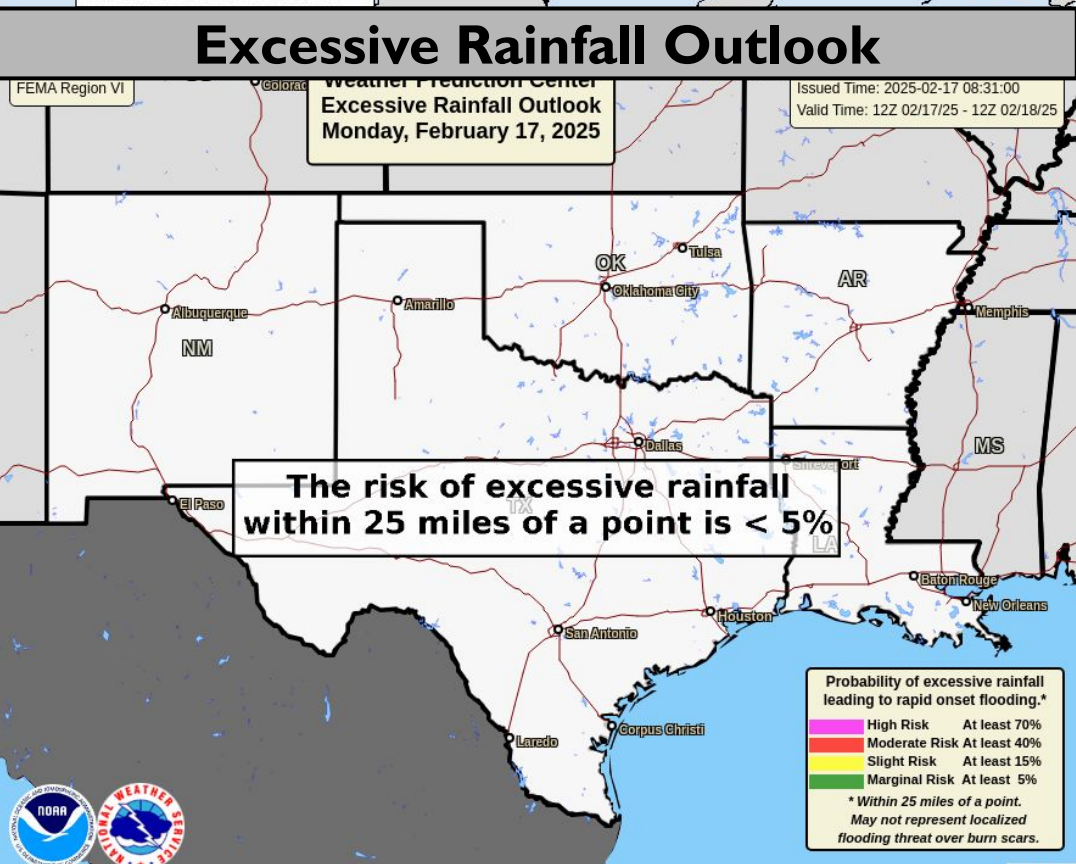
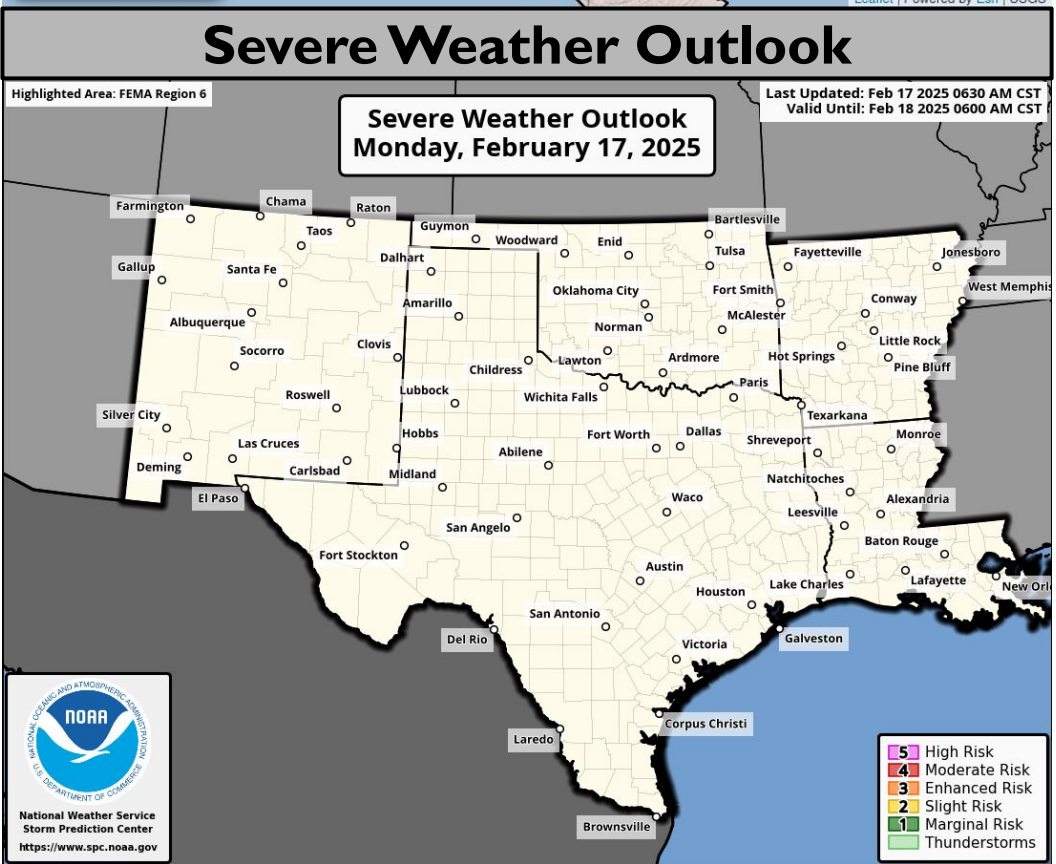




Today's Weather

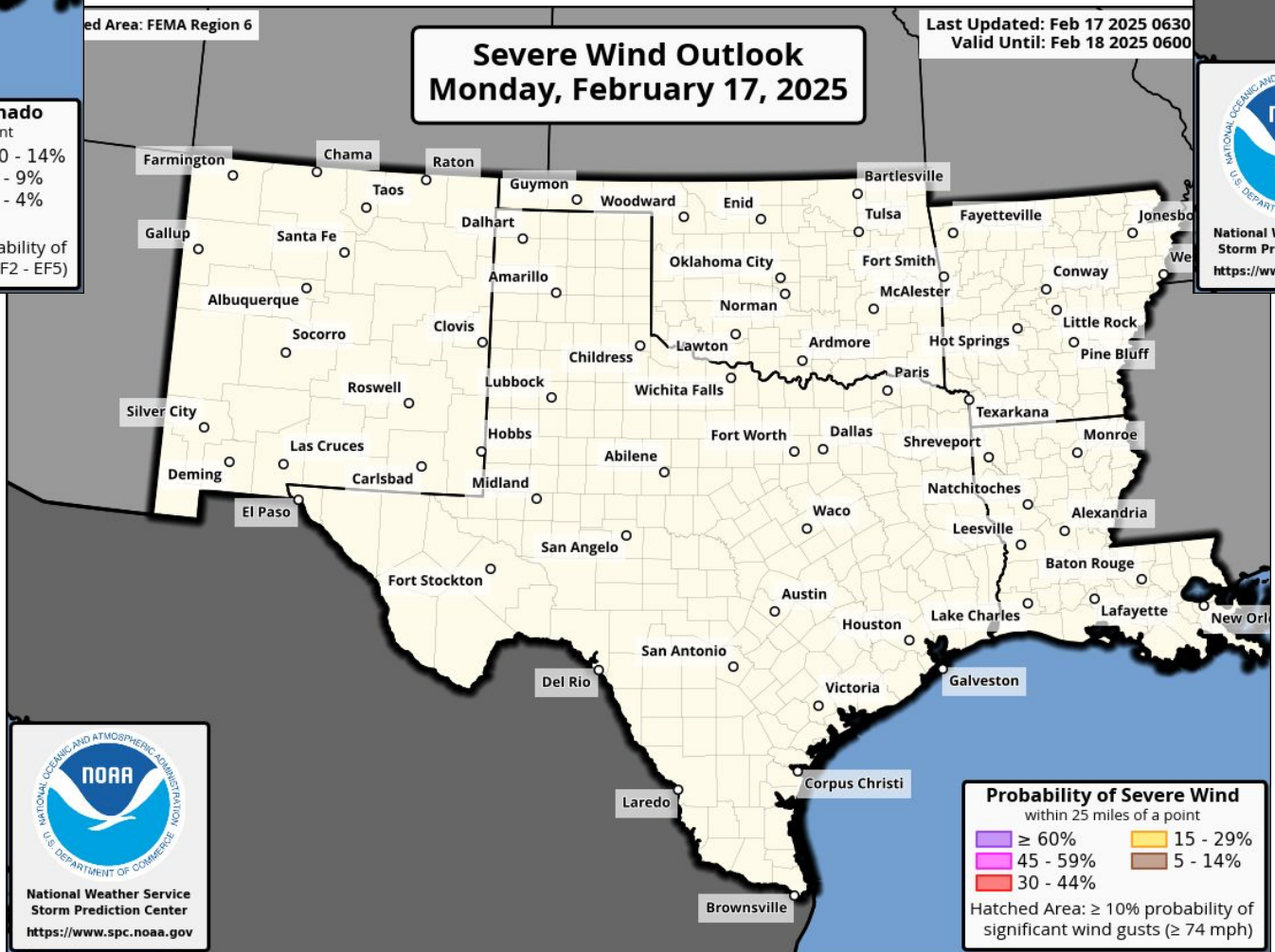
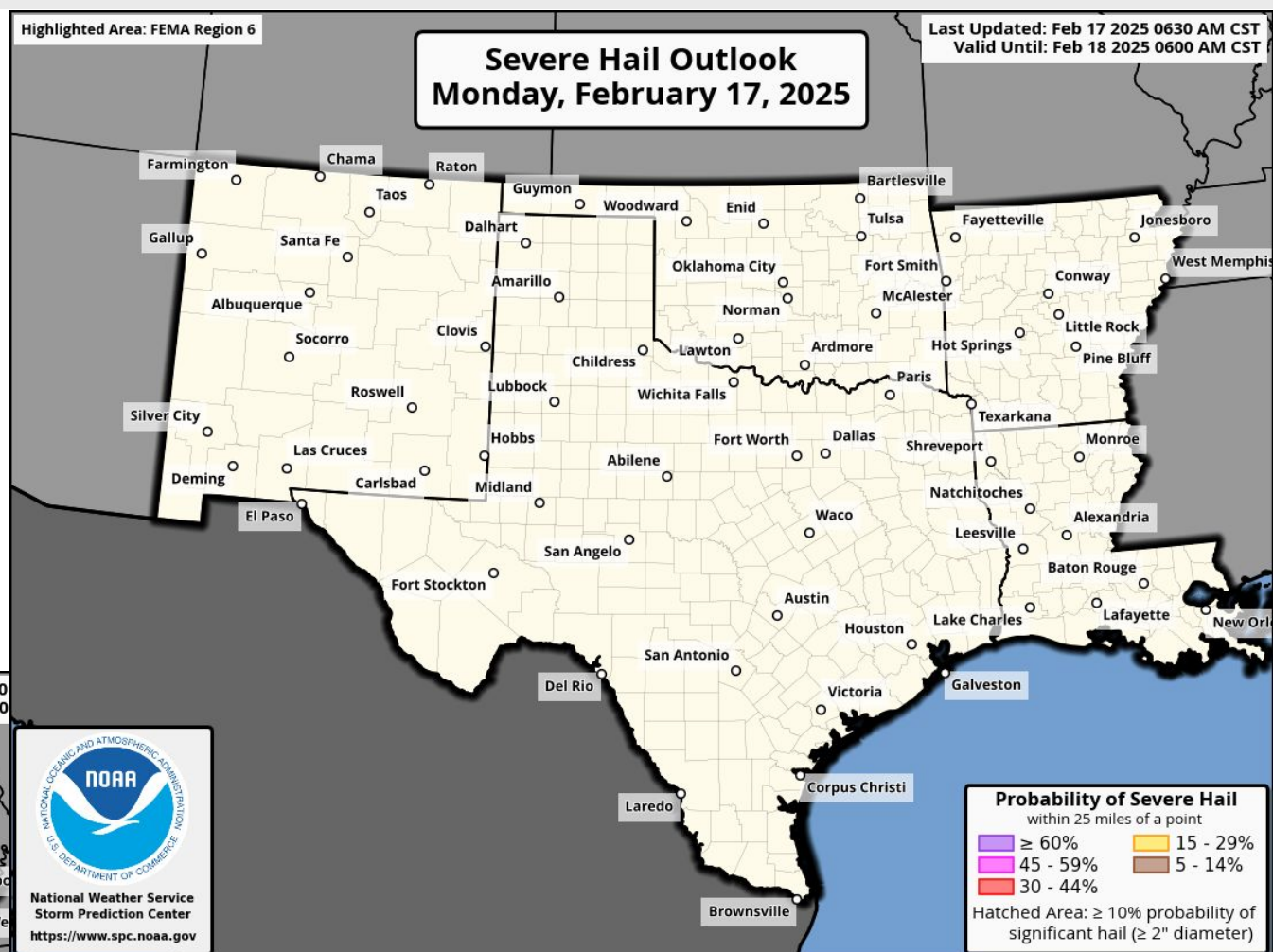
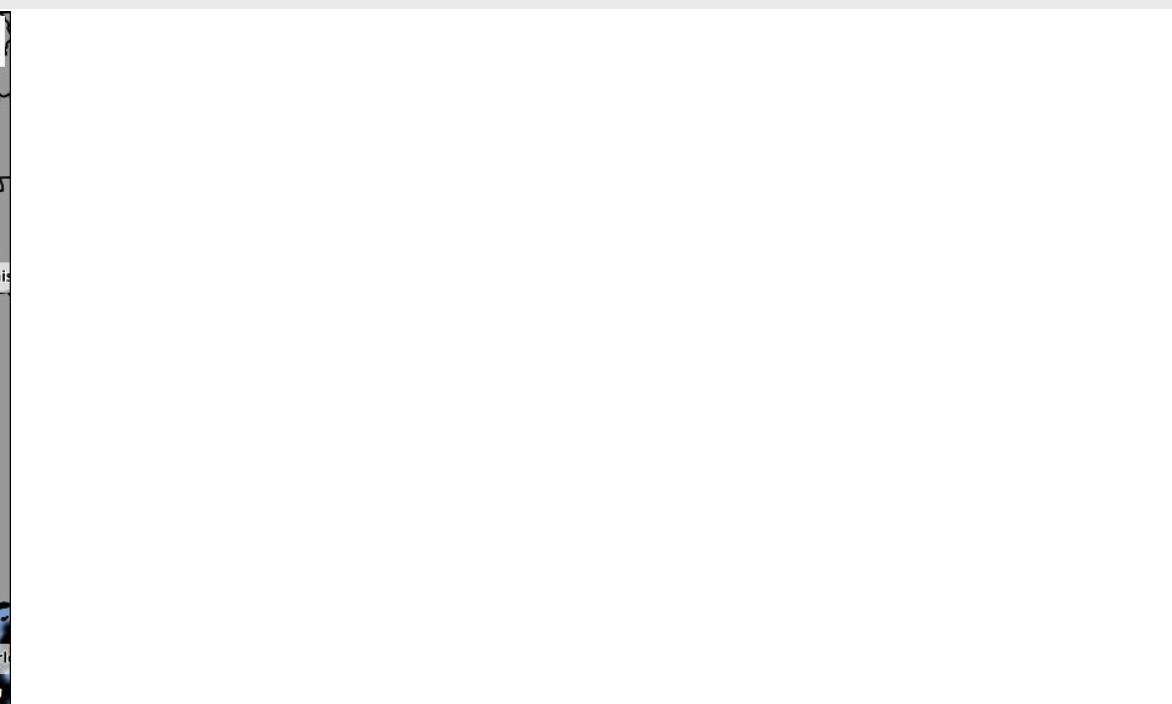
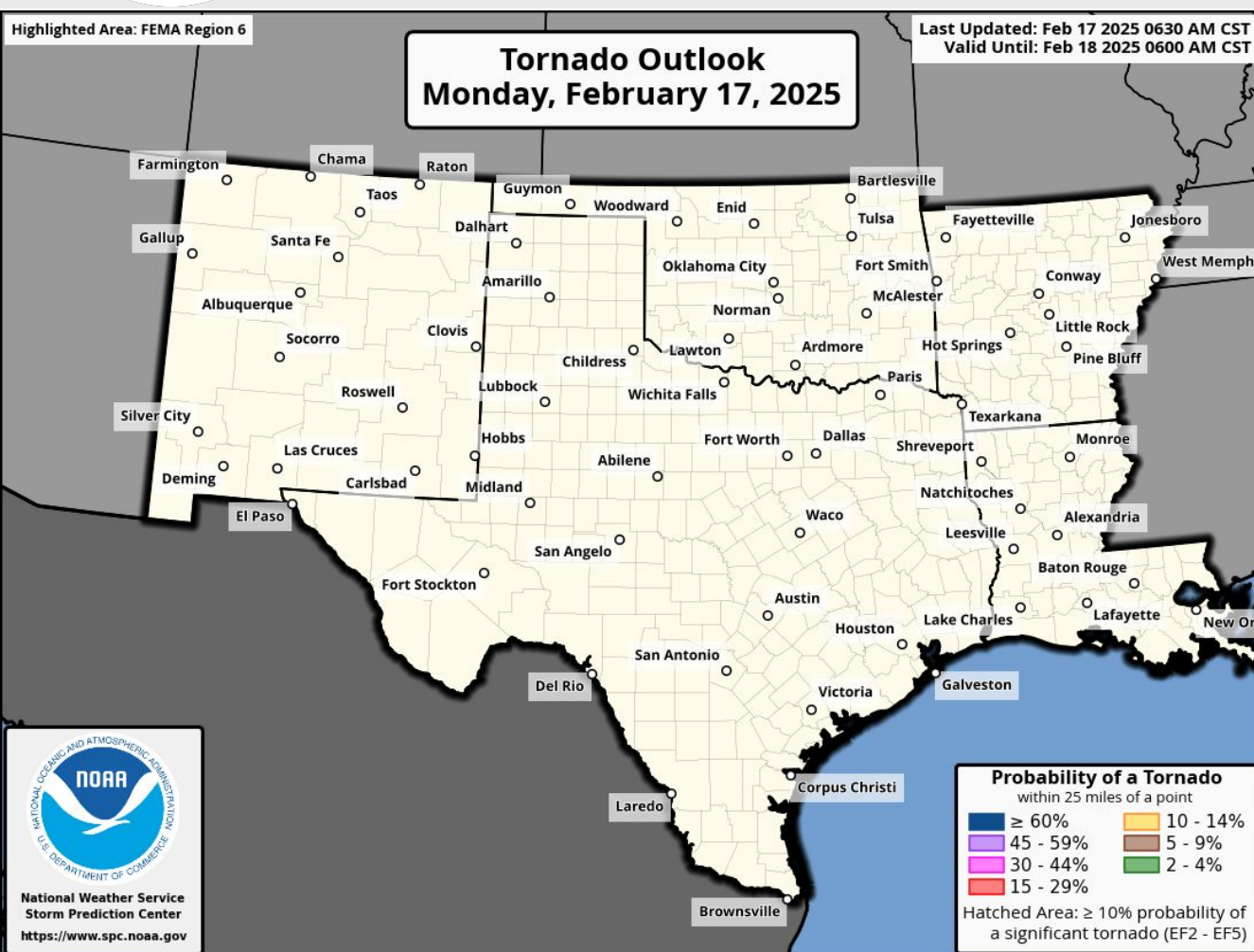


Elevated (level 1 of 3) fire weather concerns for WTX and S NM.



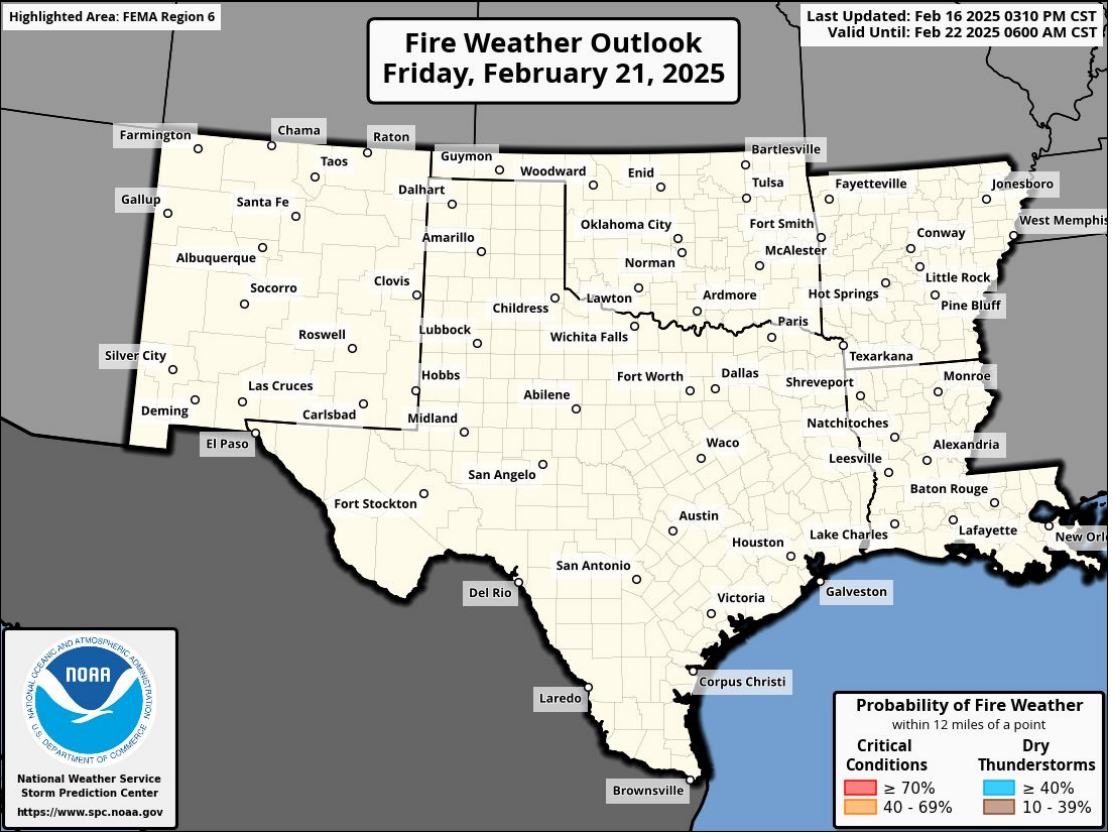
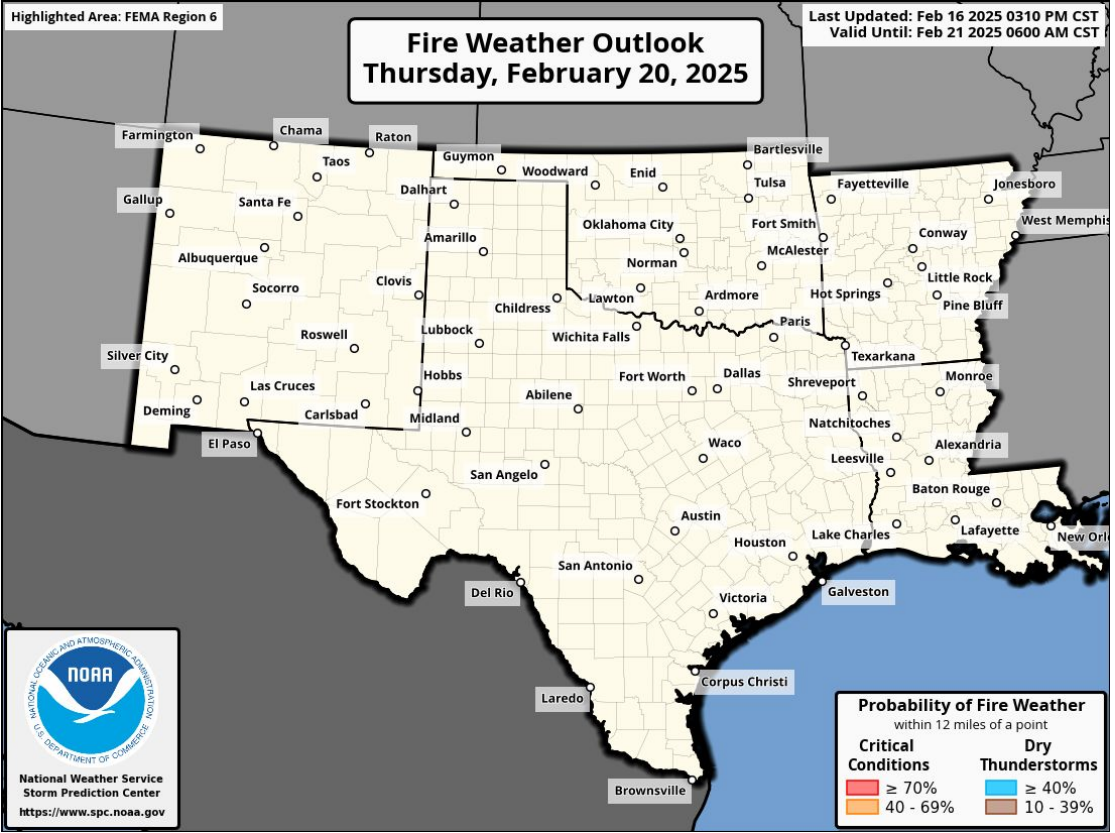
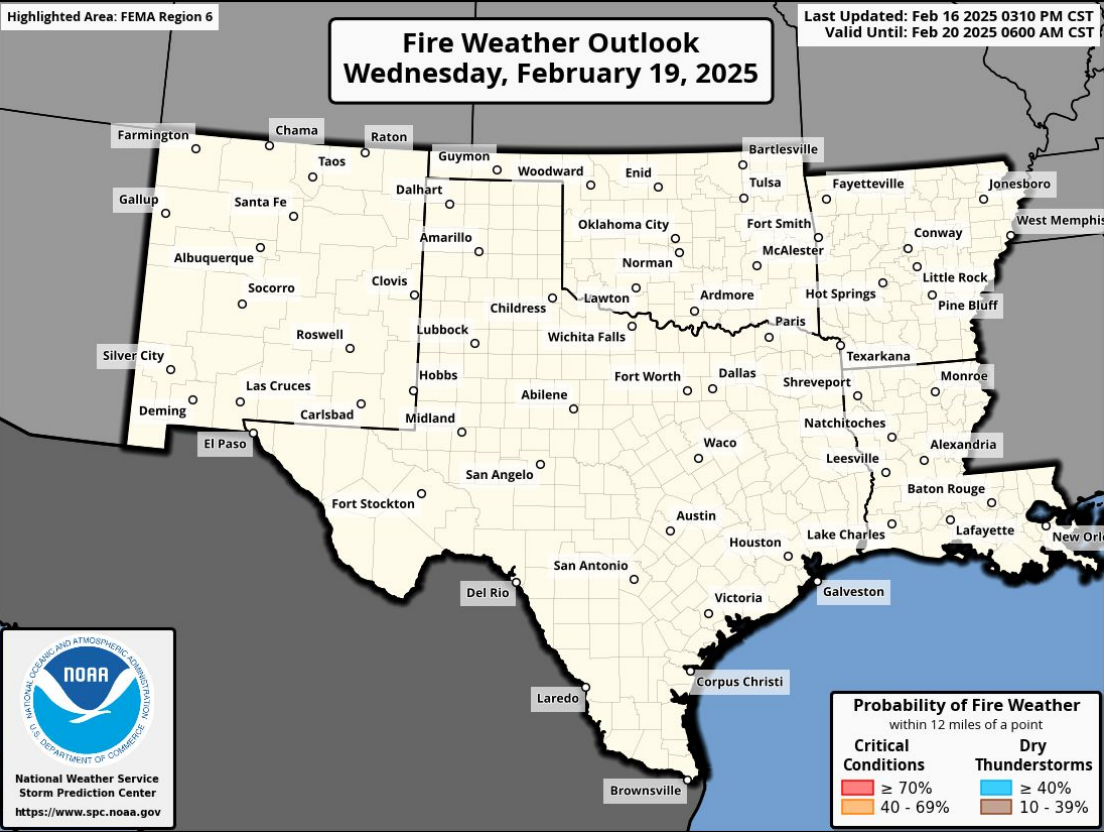
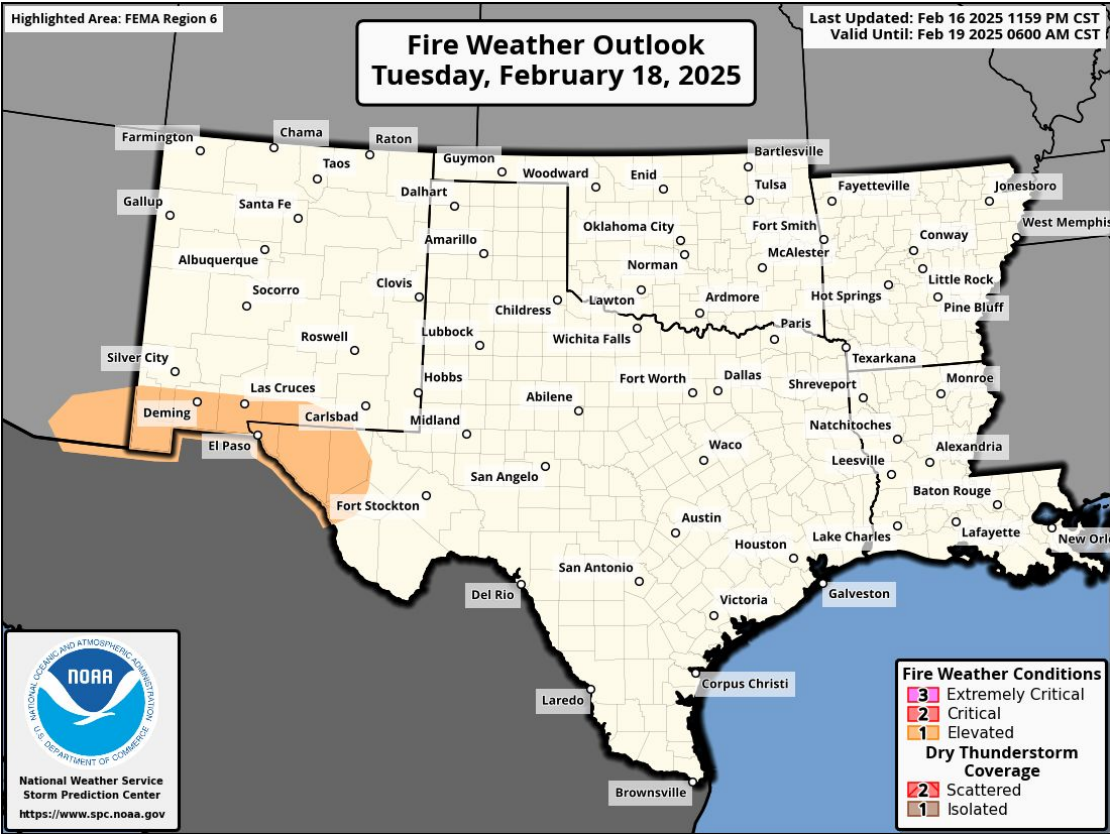
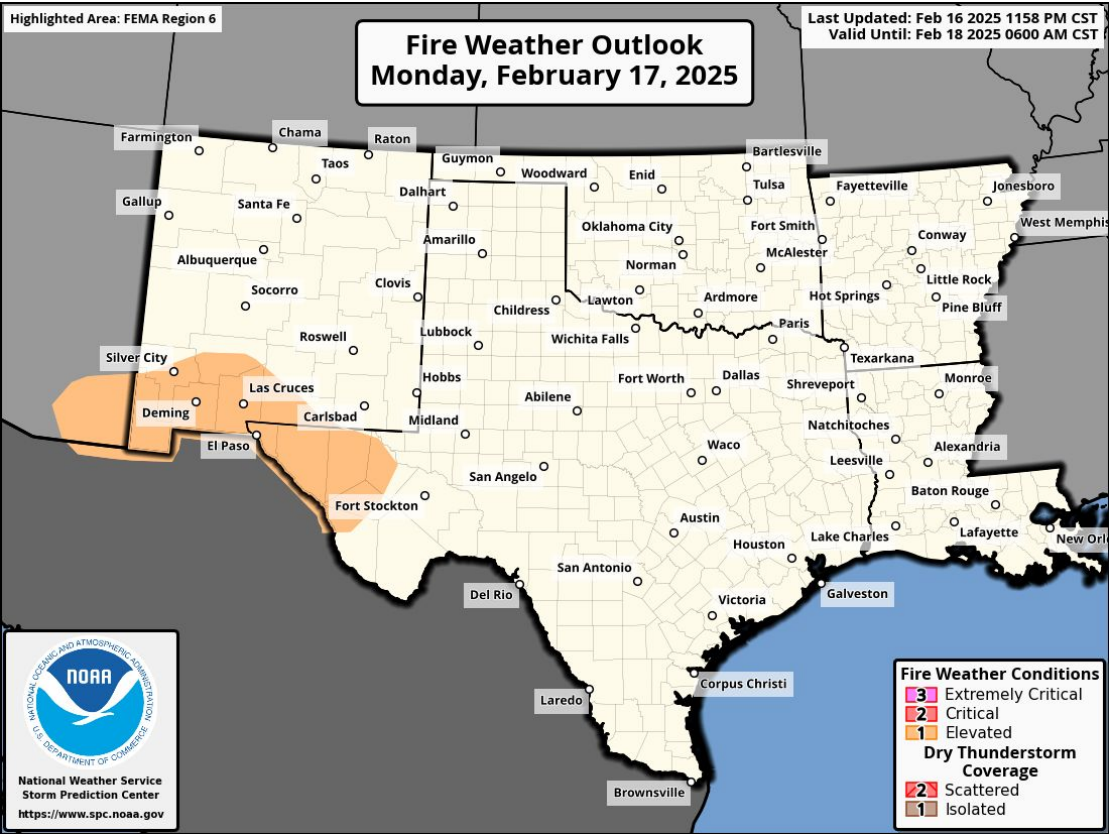
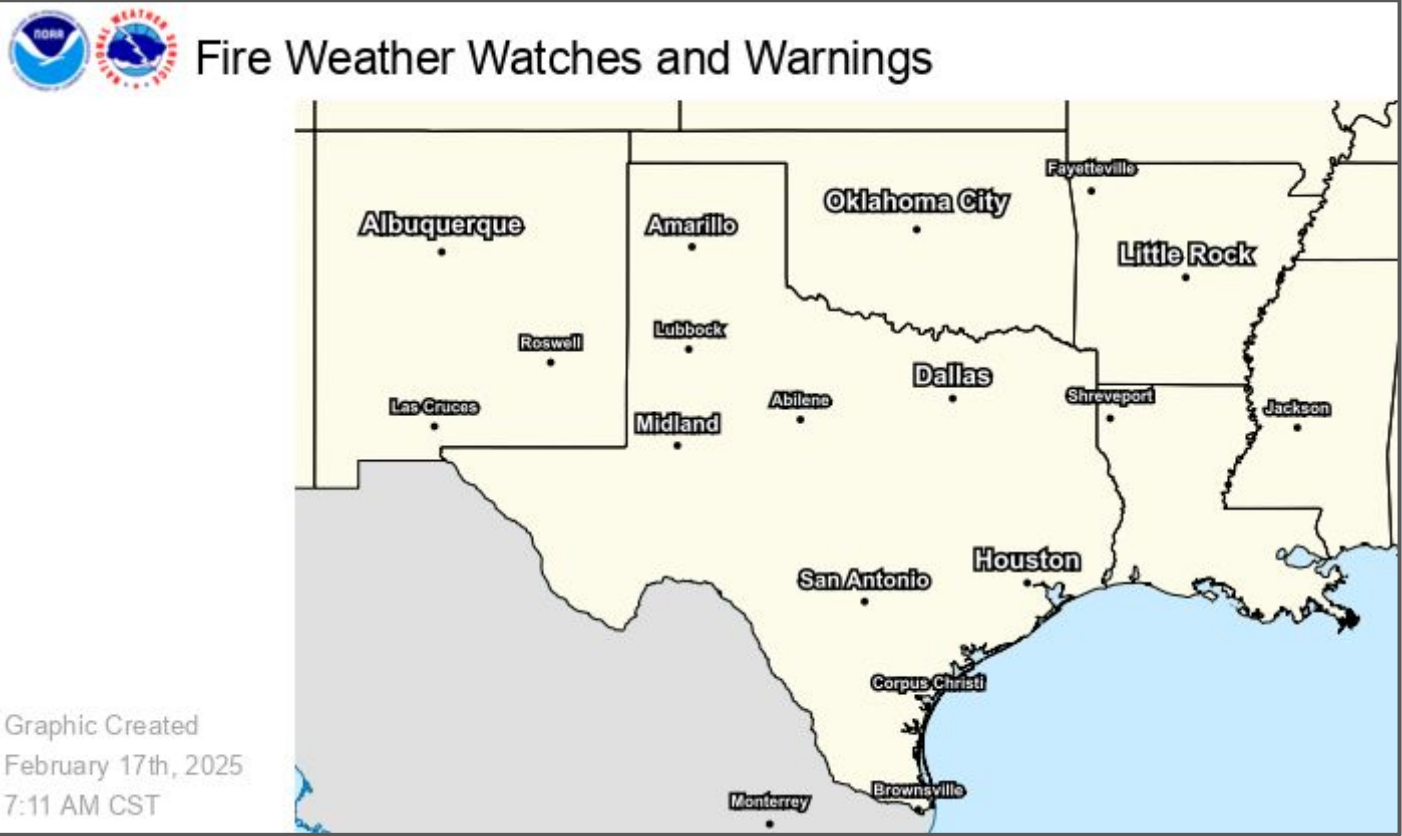


Today's Tornado & Severe Wind / Hail Probabilities





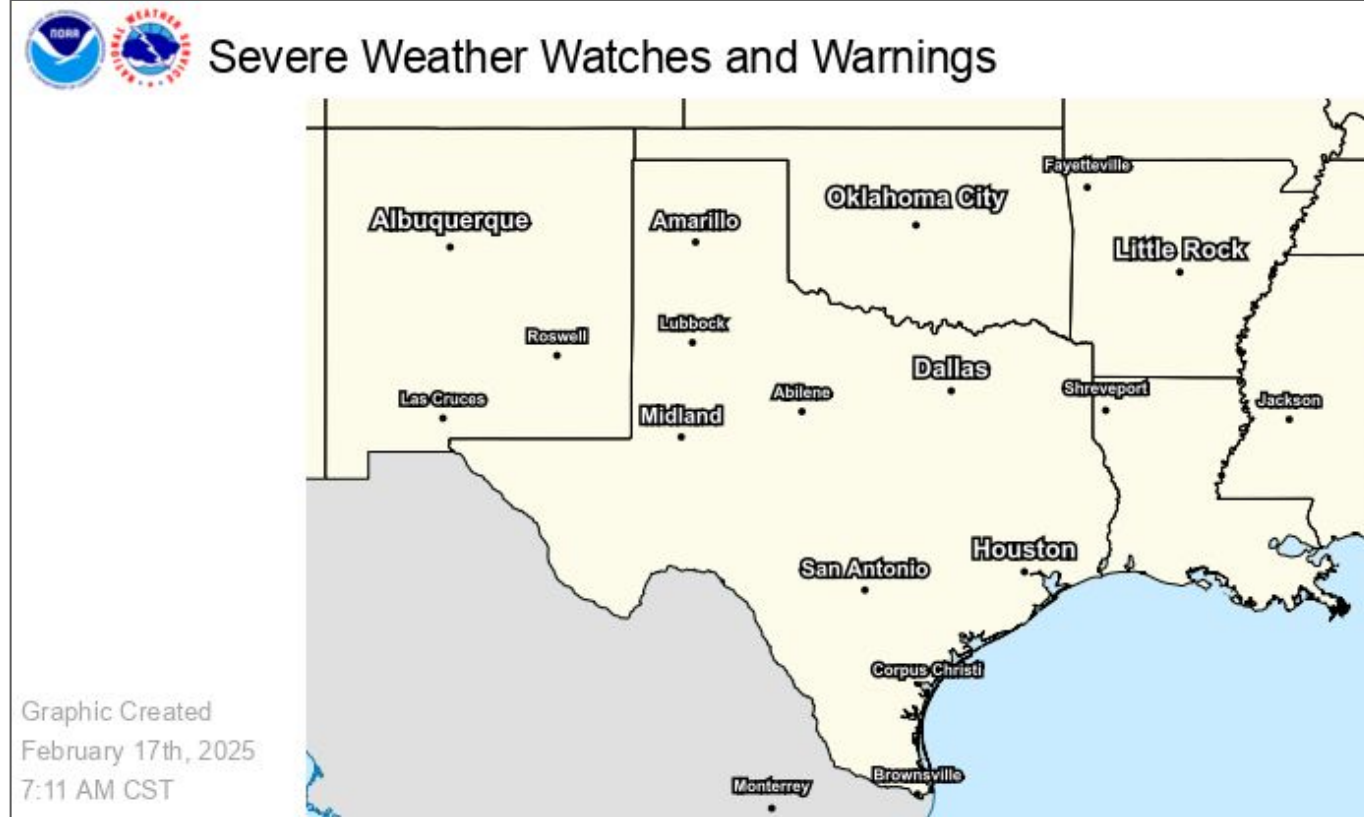
Fire Weather Outlooks



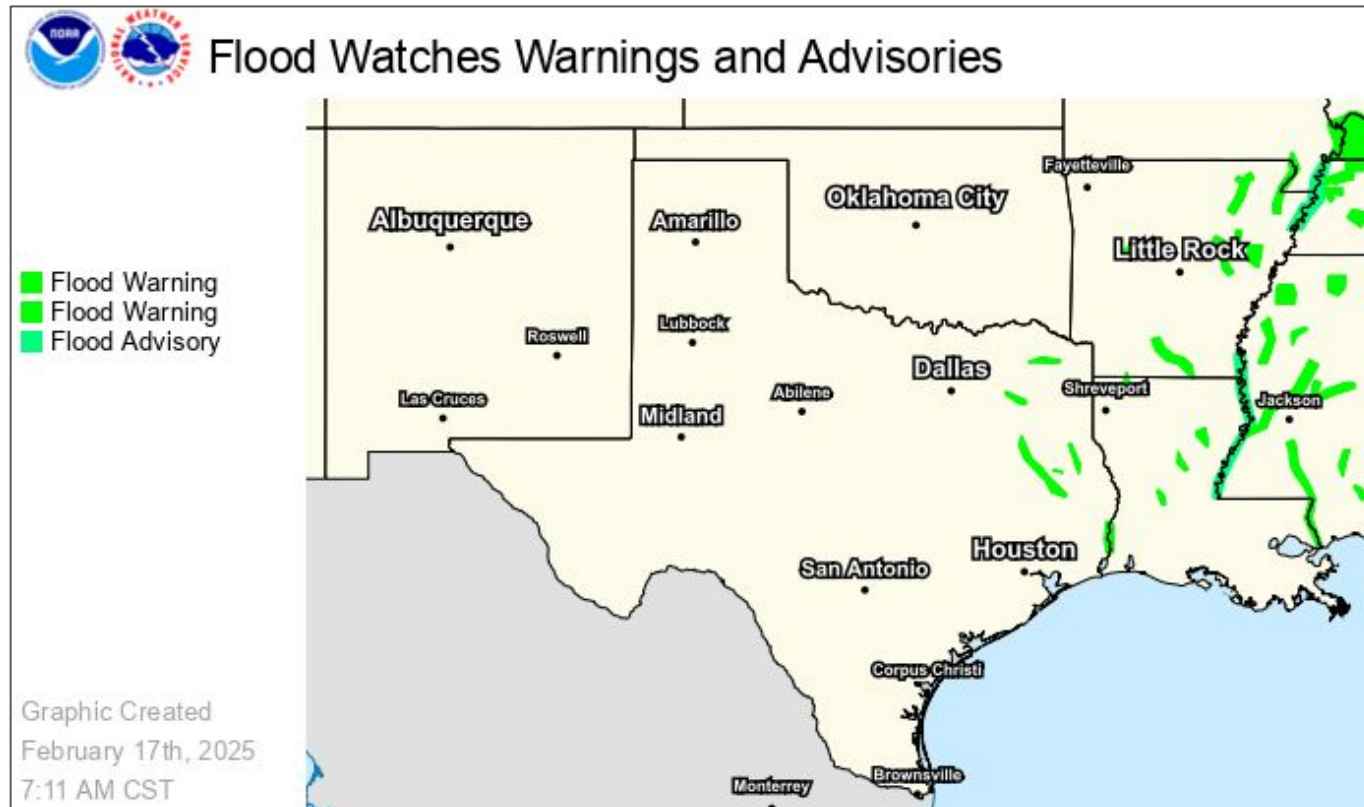
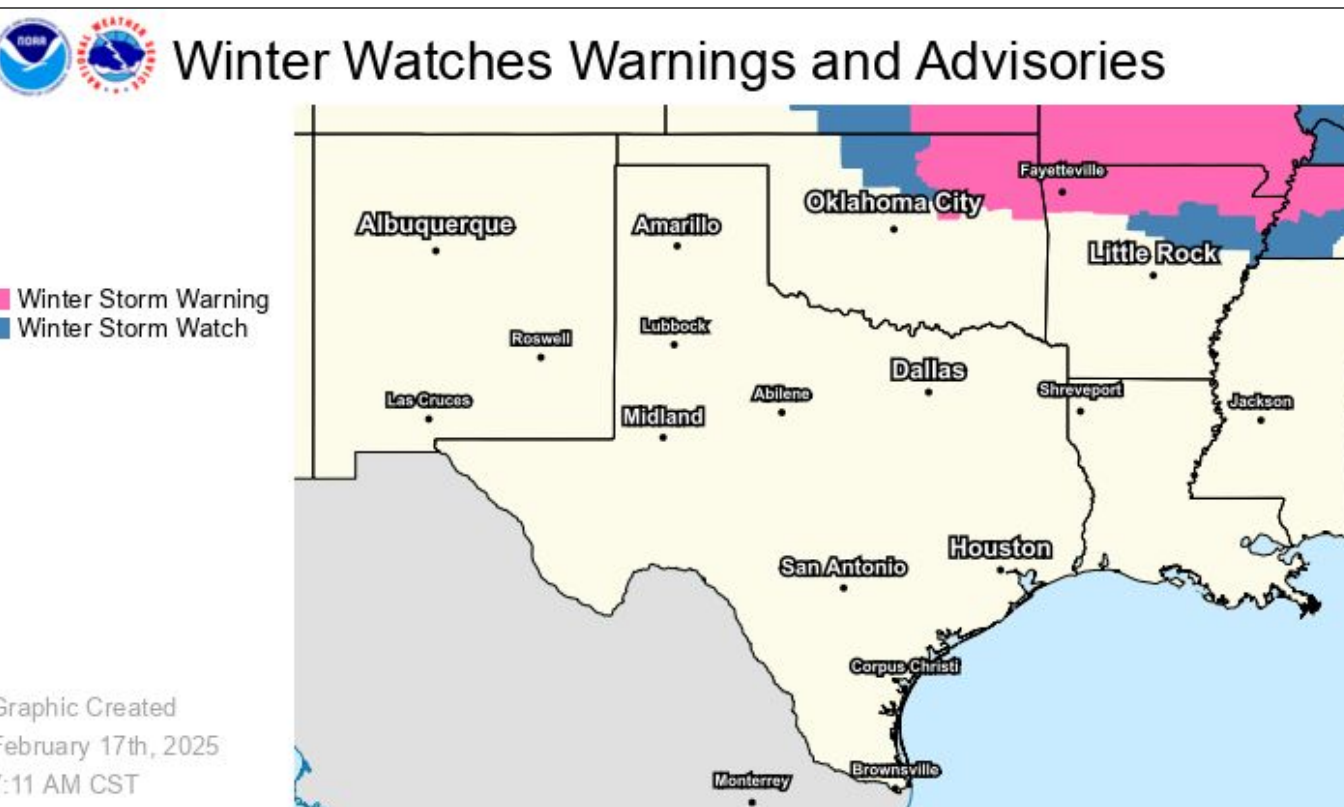


Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards



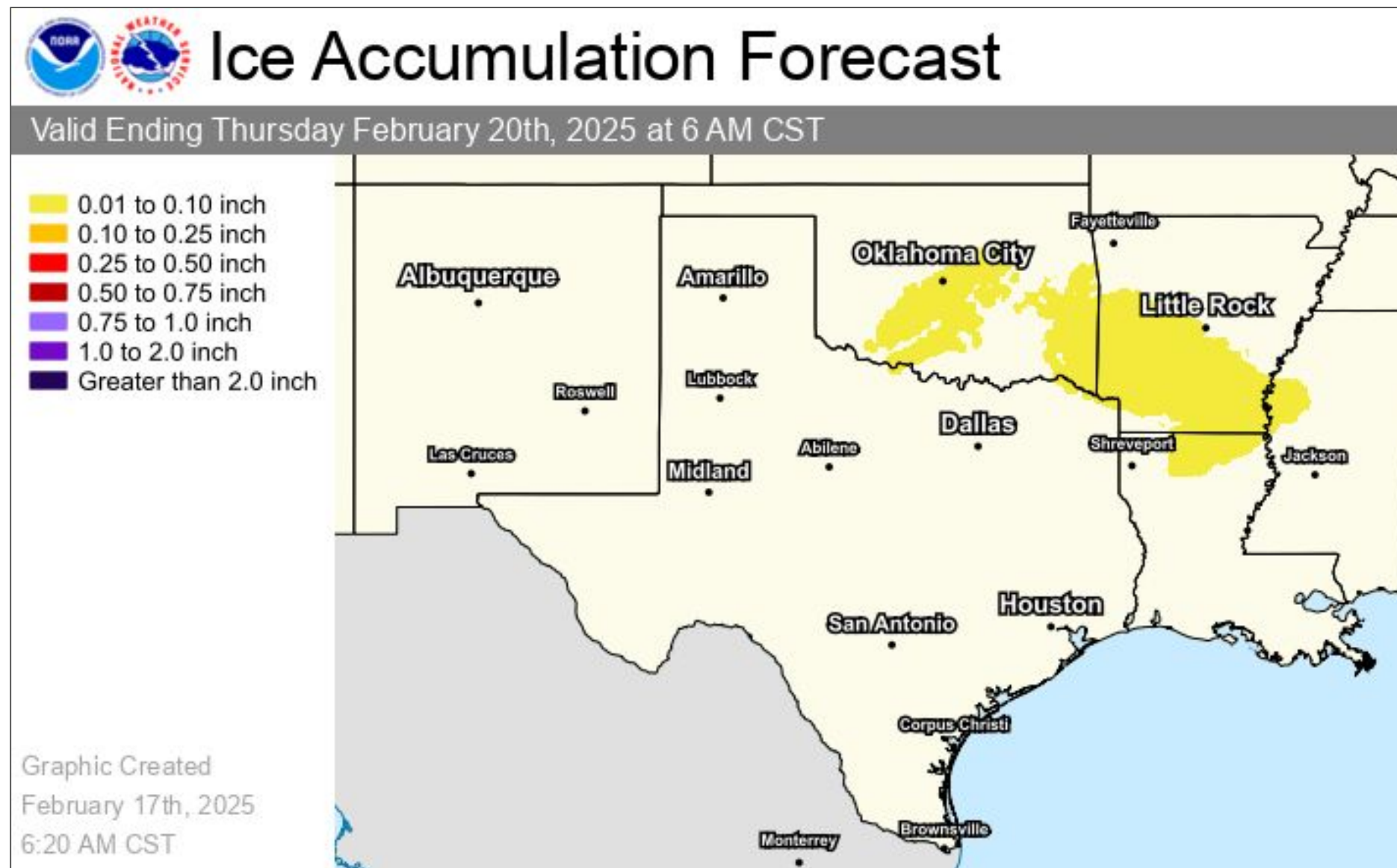
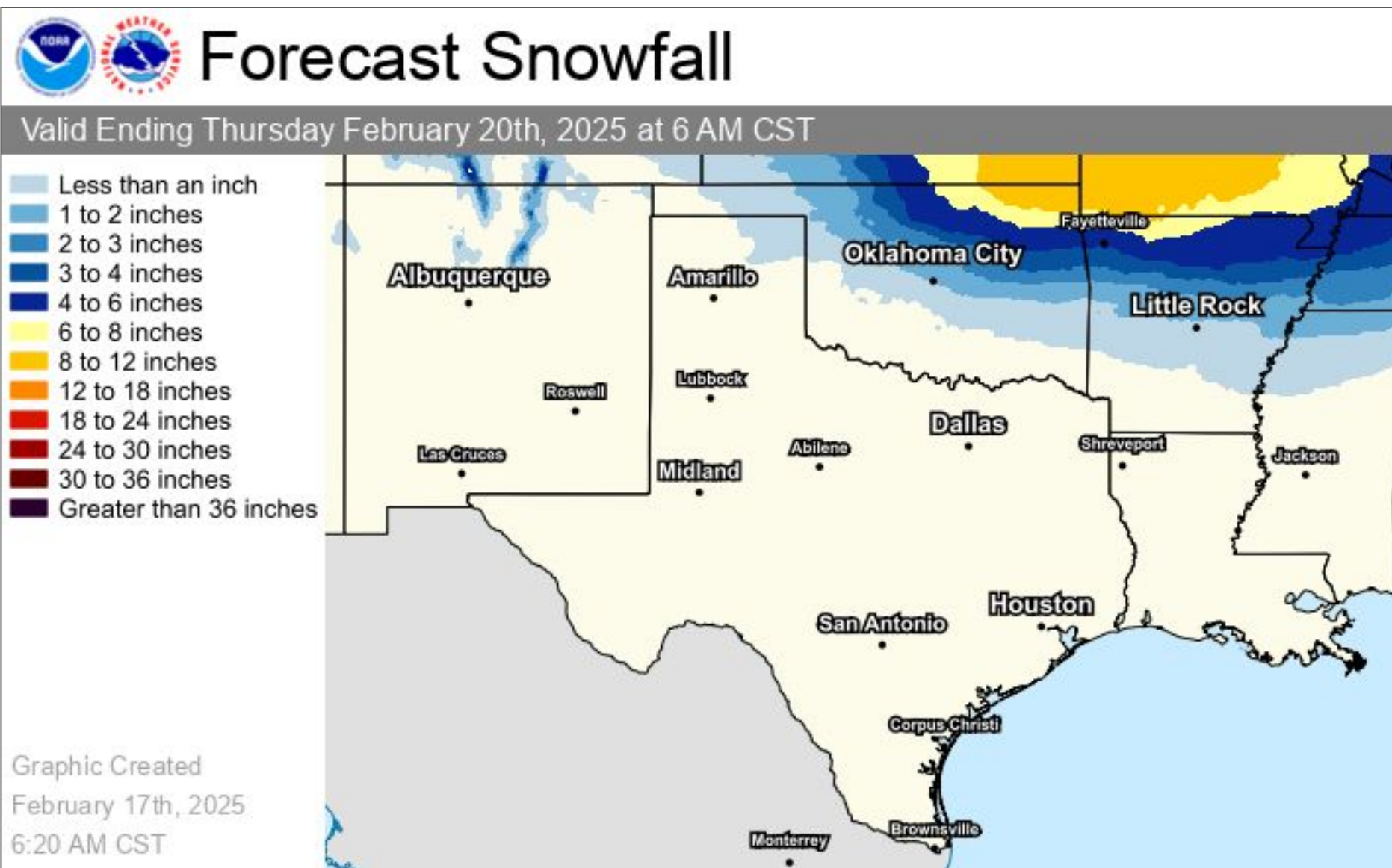
**Winter Storm
Watches/Warnings for N
OK, N AR Tuesday
morning through late
Tuesday night. 3-6 inches
of snow is forecast (up to
8" along the KS/MS
borders), with a light
glazing of ice.**





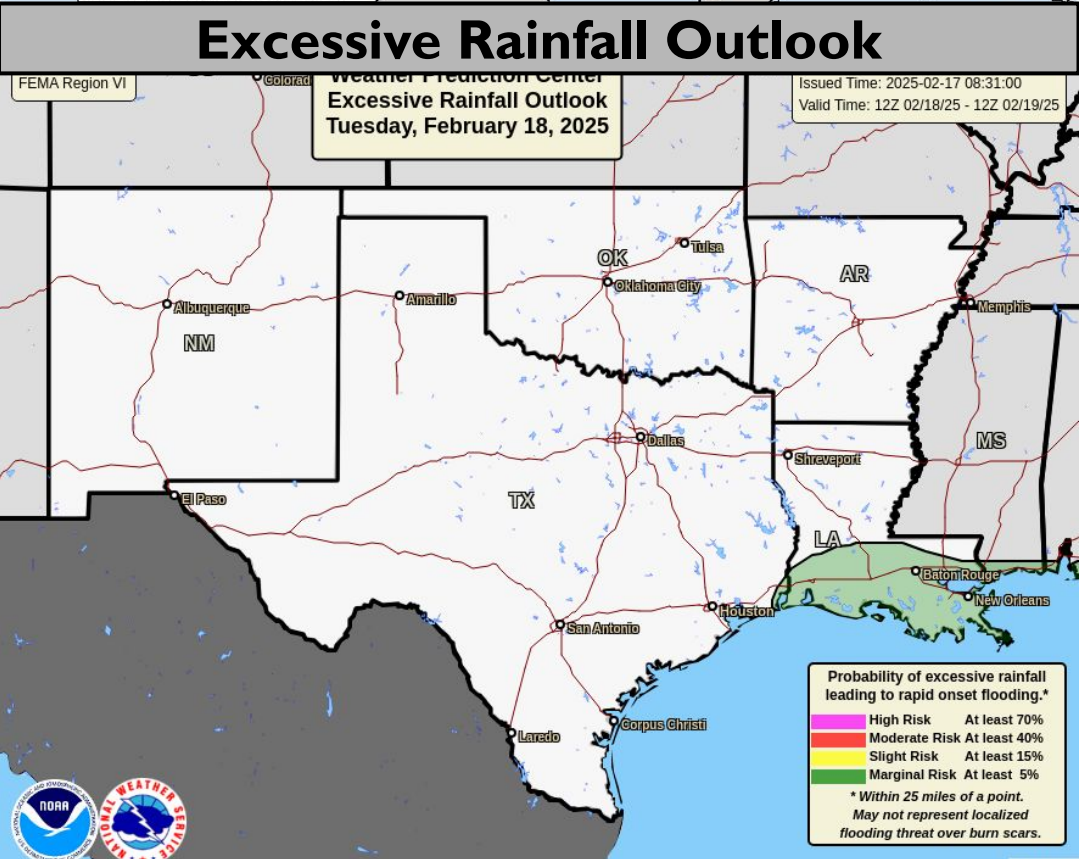
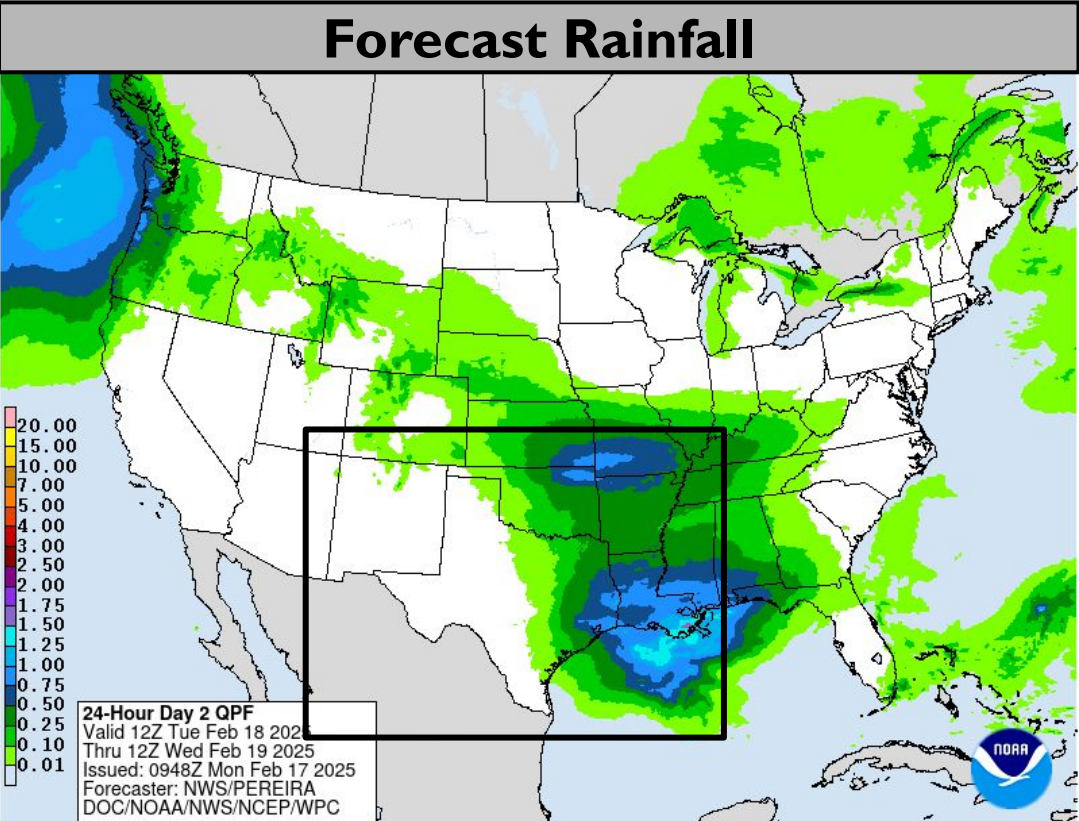
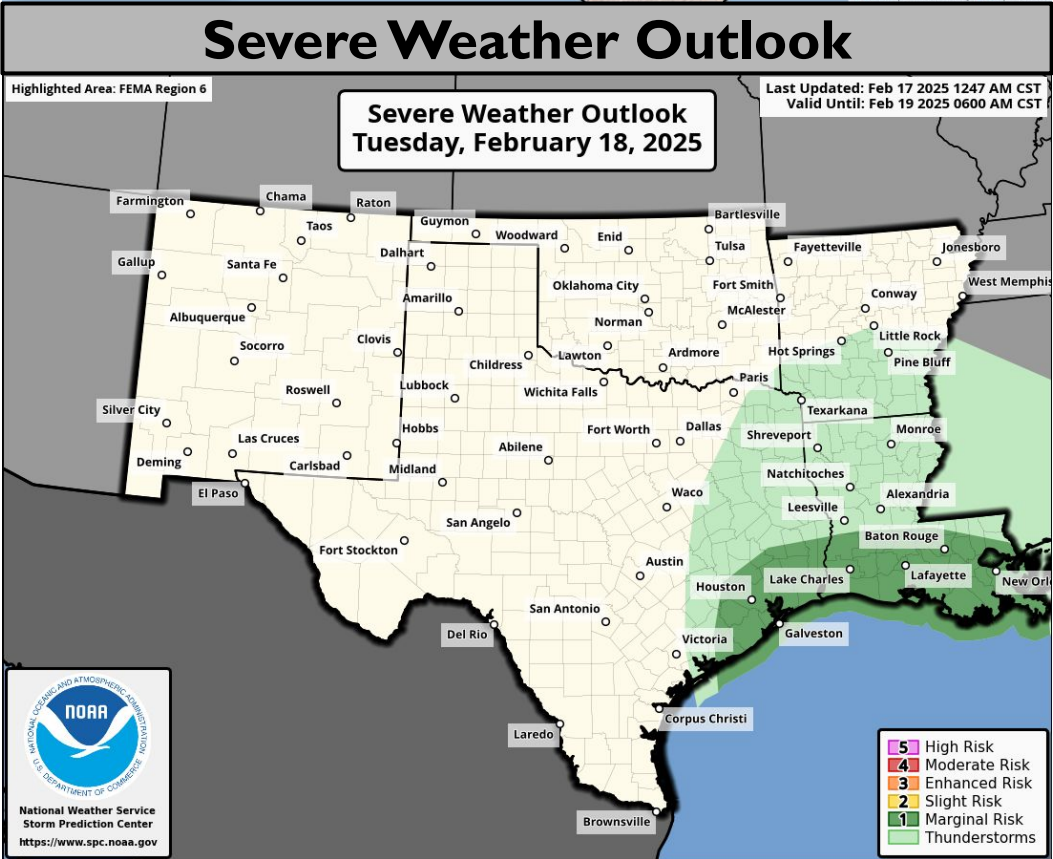
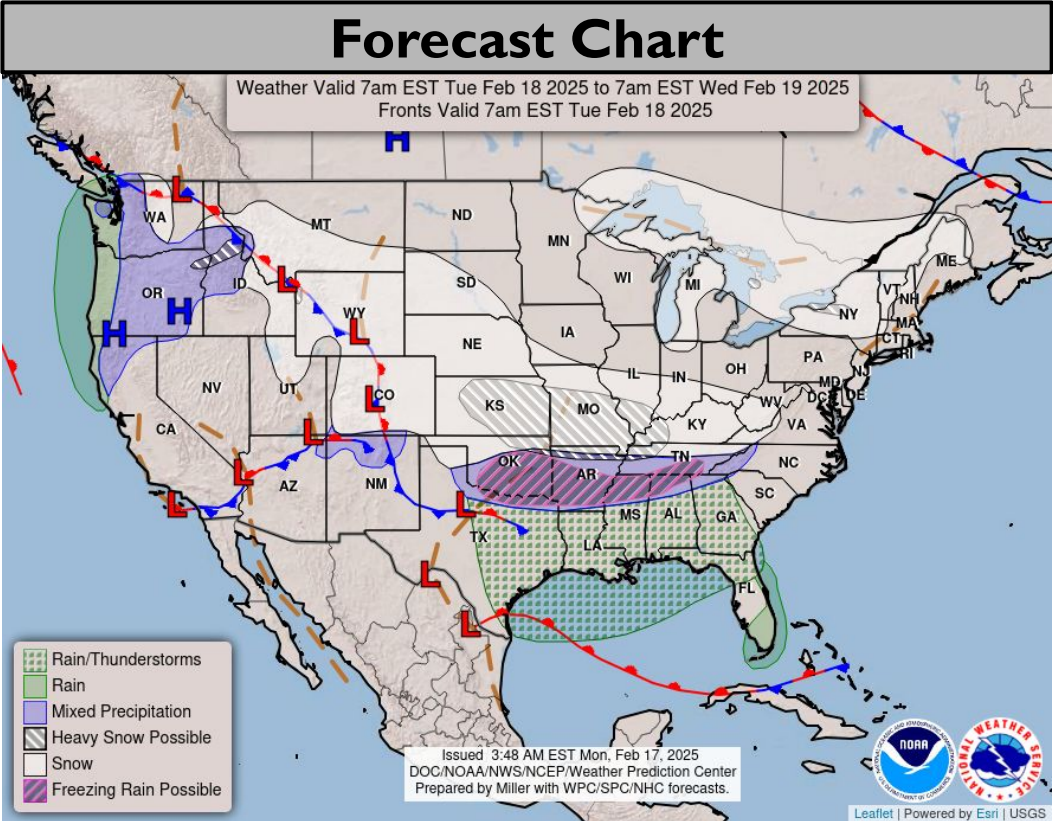
Winter Weather

Through the next 3 days





Tomorrow's Weather



**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**

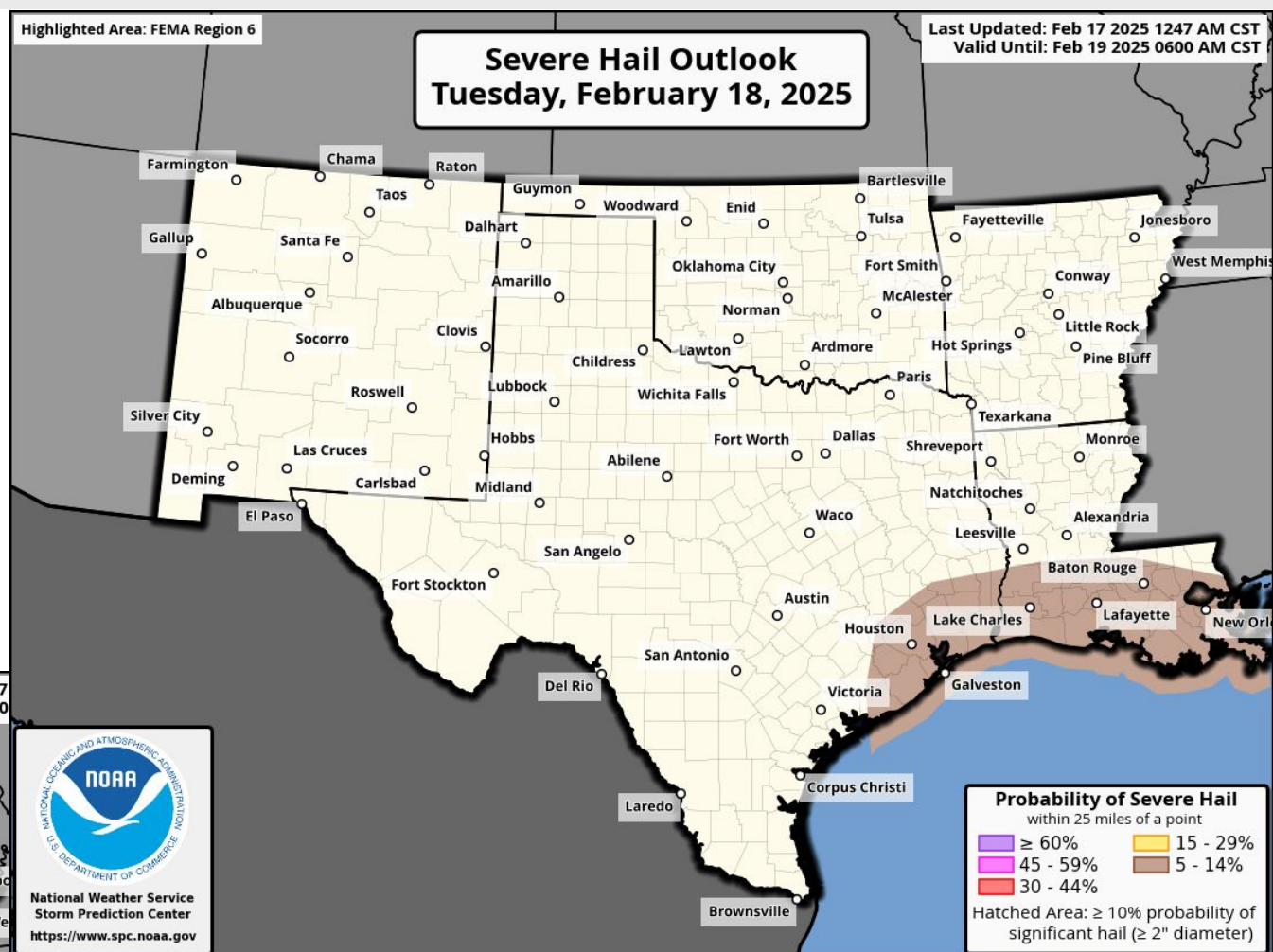
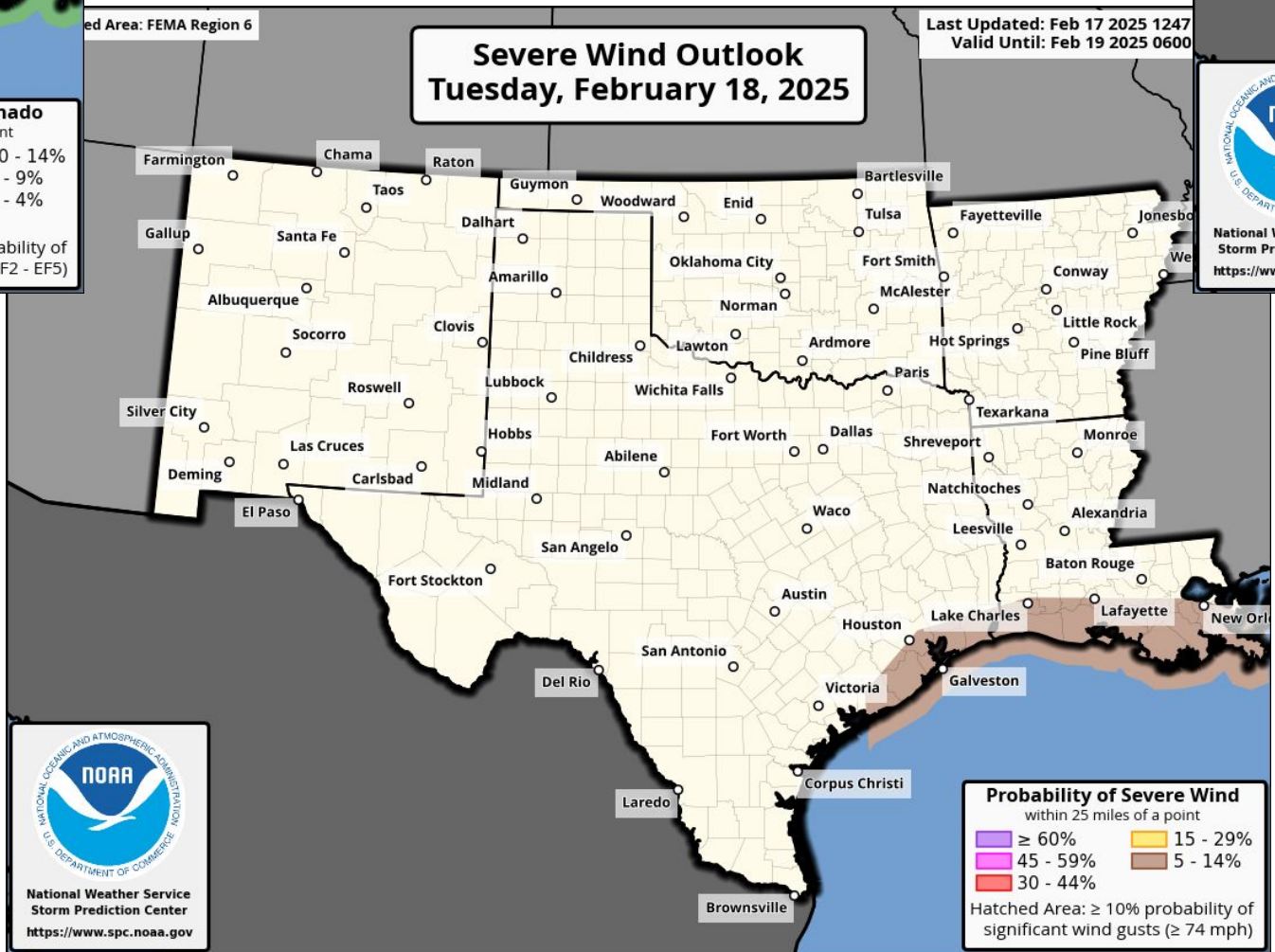
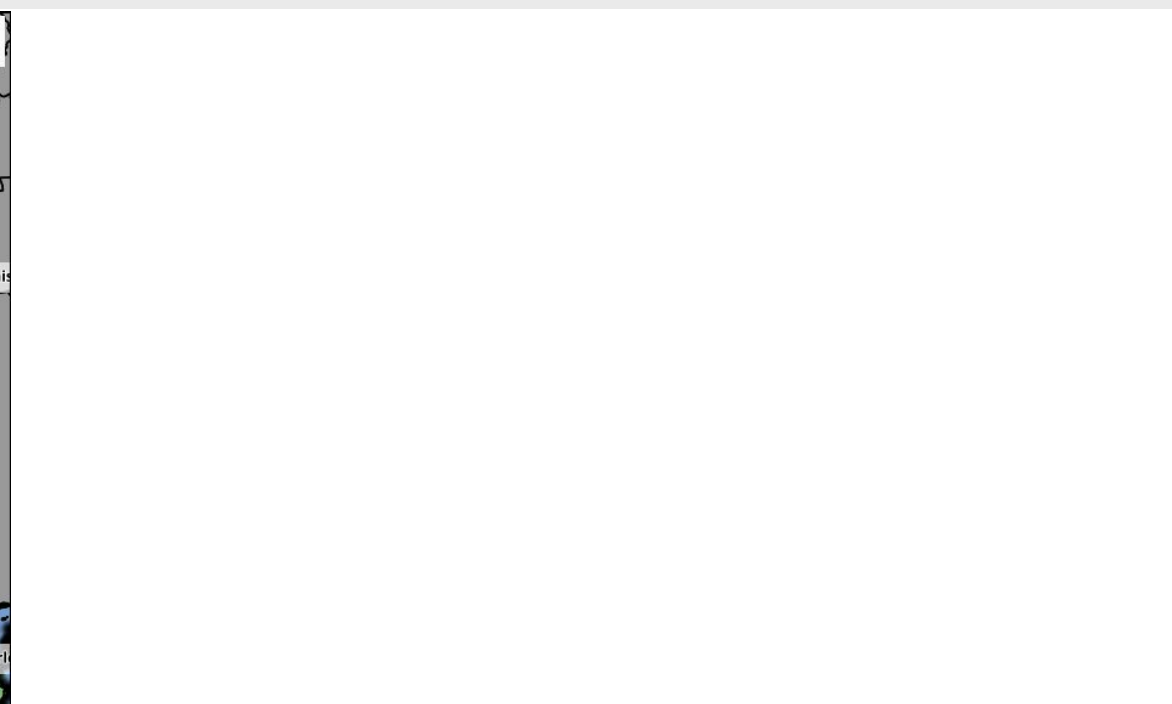
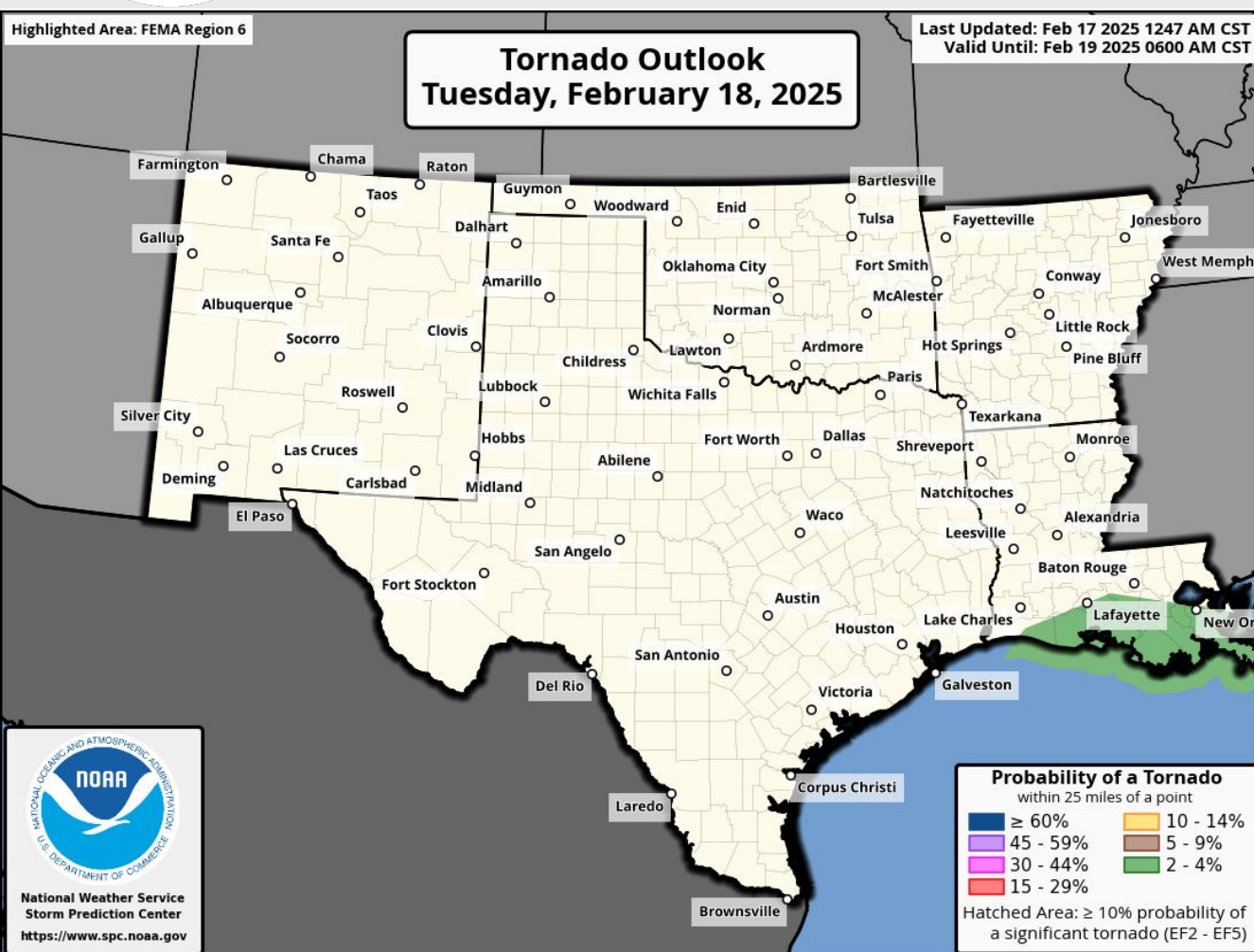
**Marginal Risk (Level I of 4) for
Heavy Rain/Flash Flooding in S
LA.**

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

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

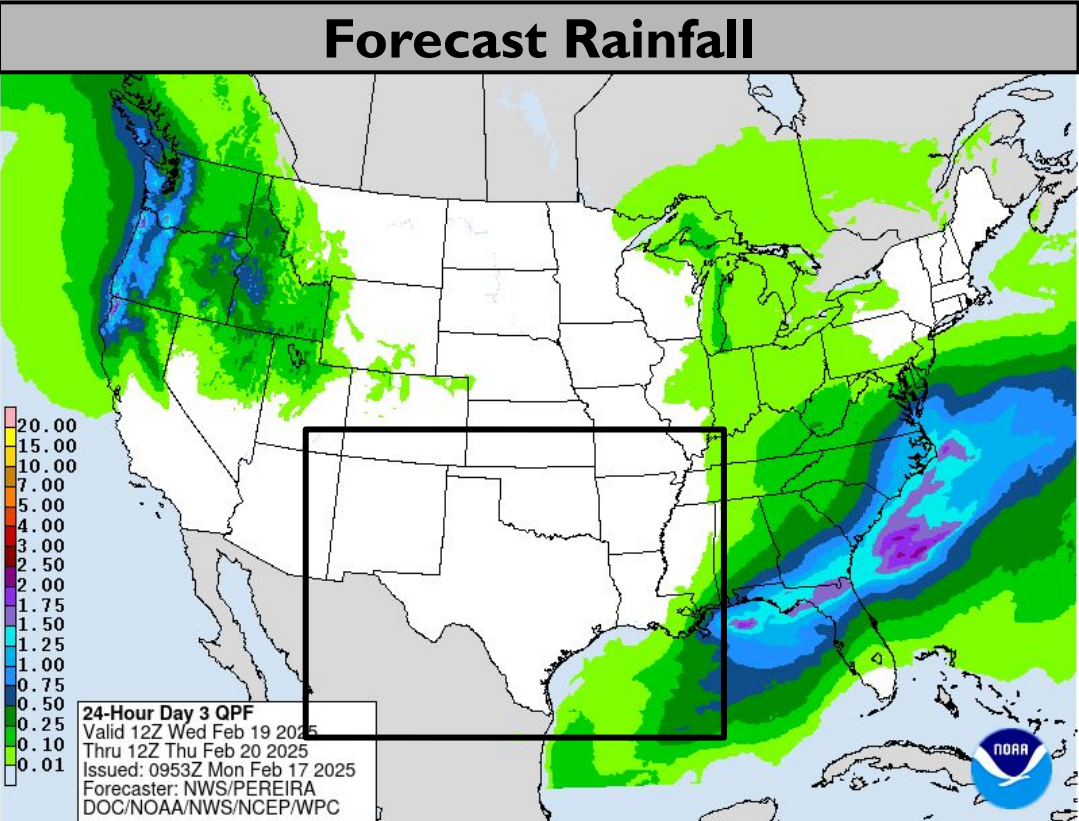
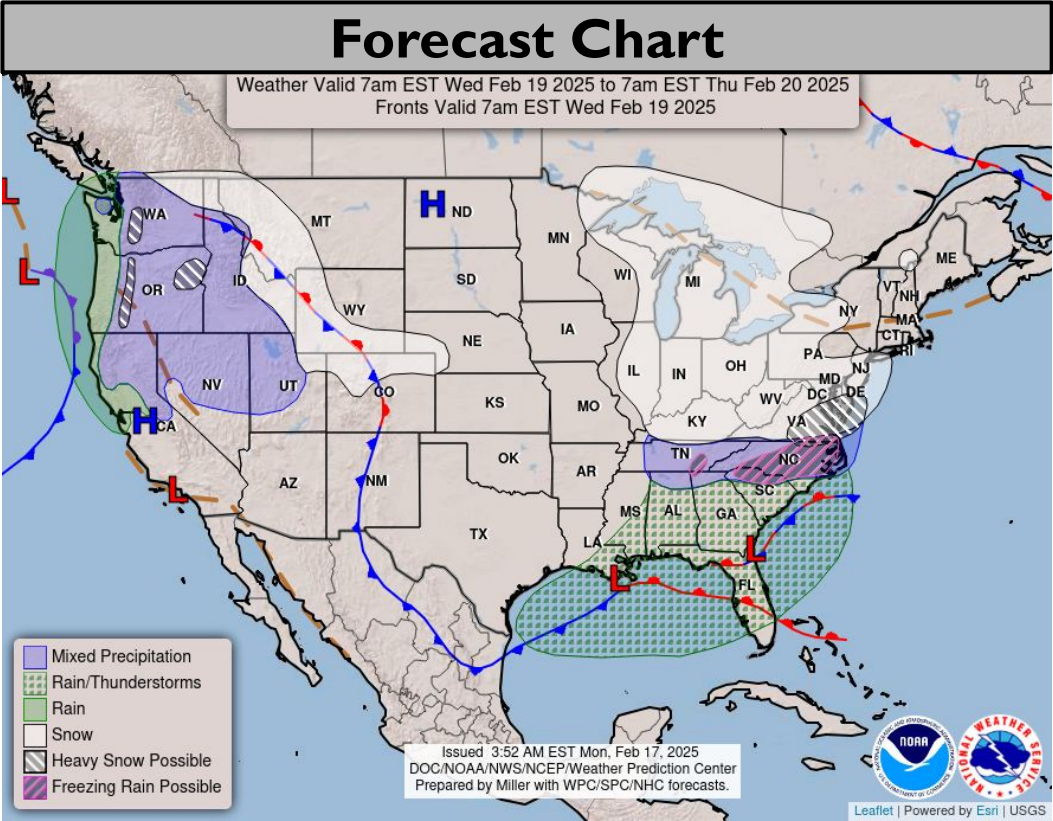


Tomorrow's Tornado & Severe Wind / Hail Probabilities

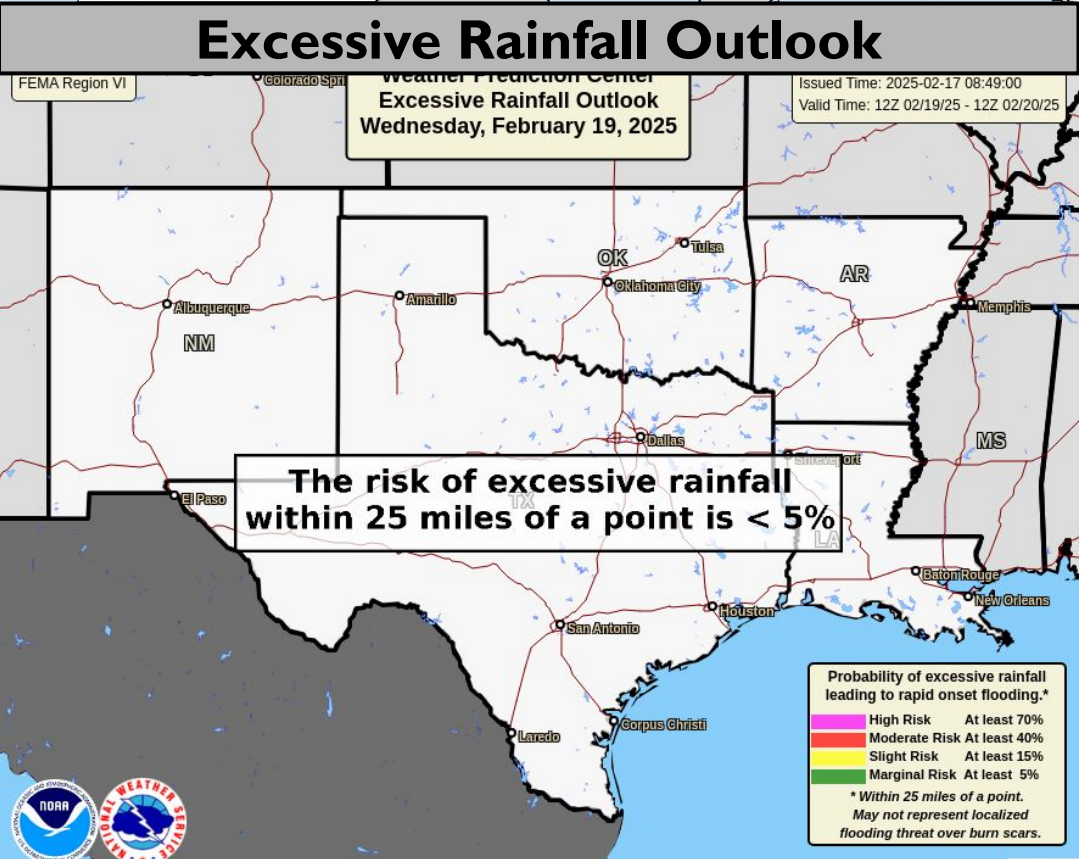
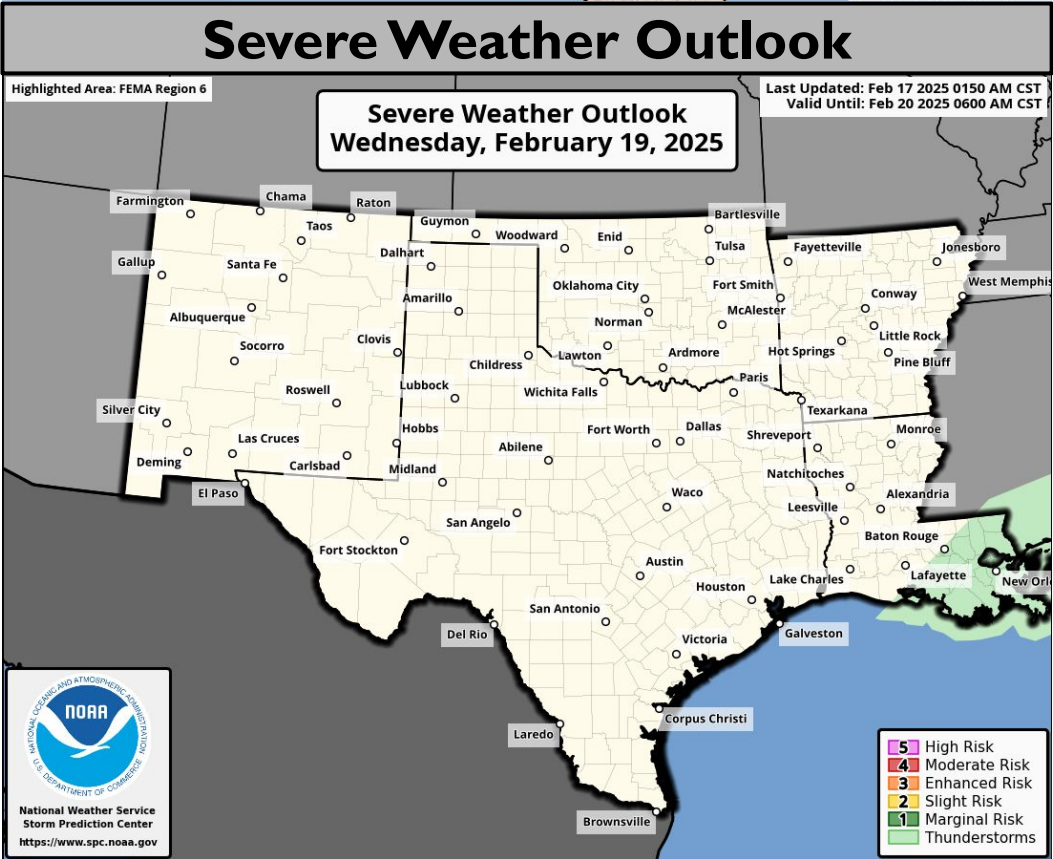




Wednesday's Weather



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





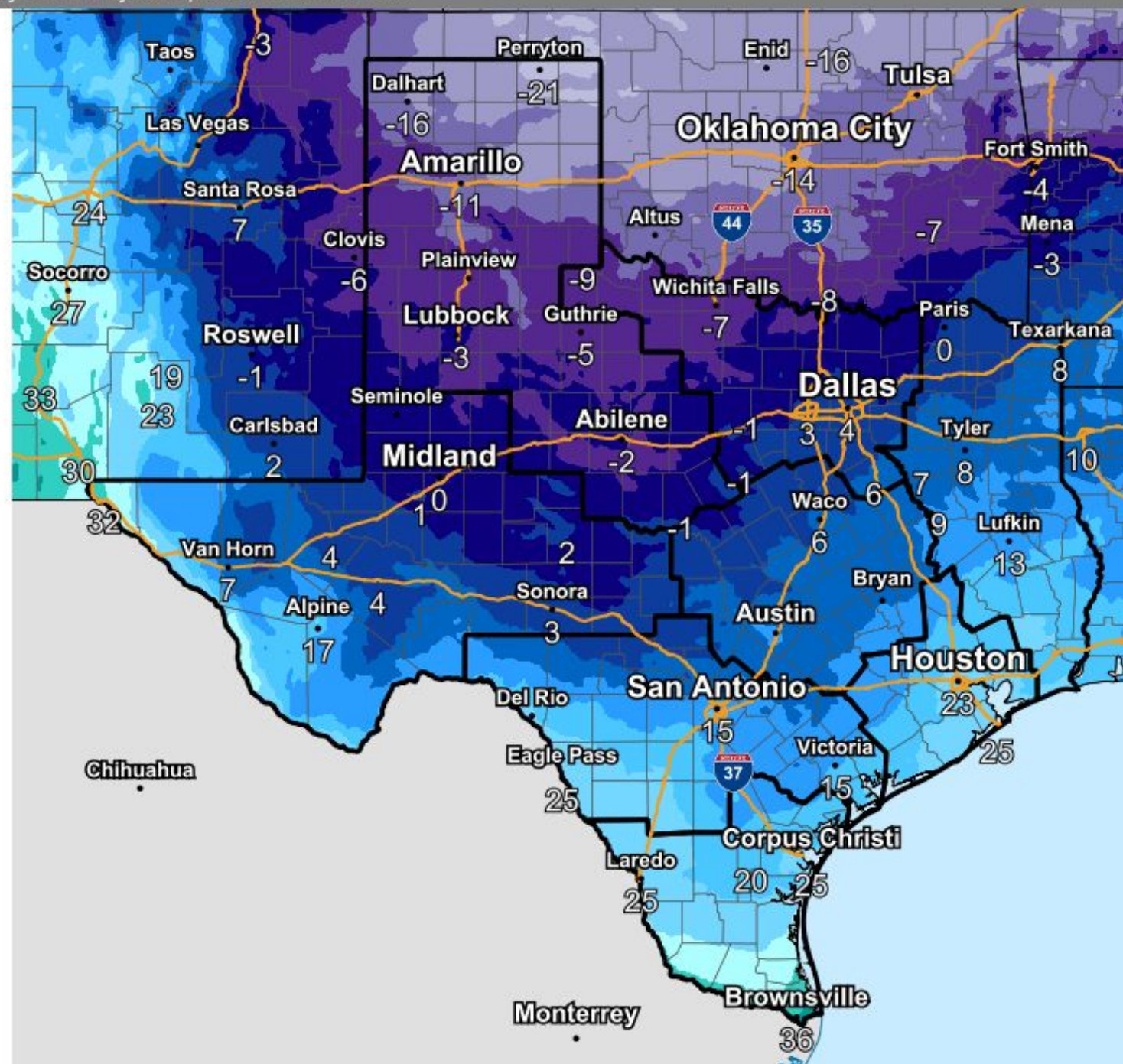
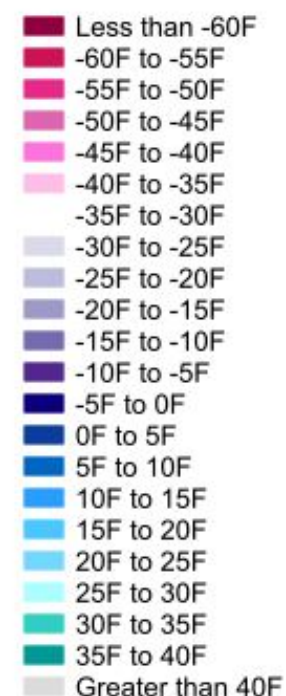
Extreme Cold

Wind Chill Tuesday night and Wednesday Night



Coldest Wind Chill

Valid Ending Thursday February 20th, 2025 at 6 AM CST

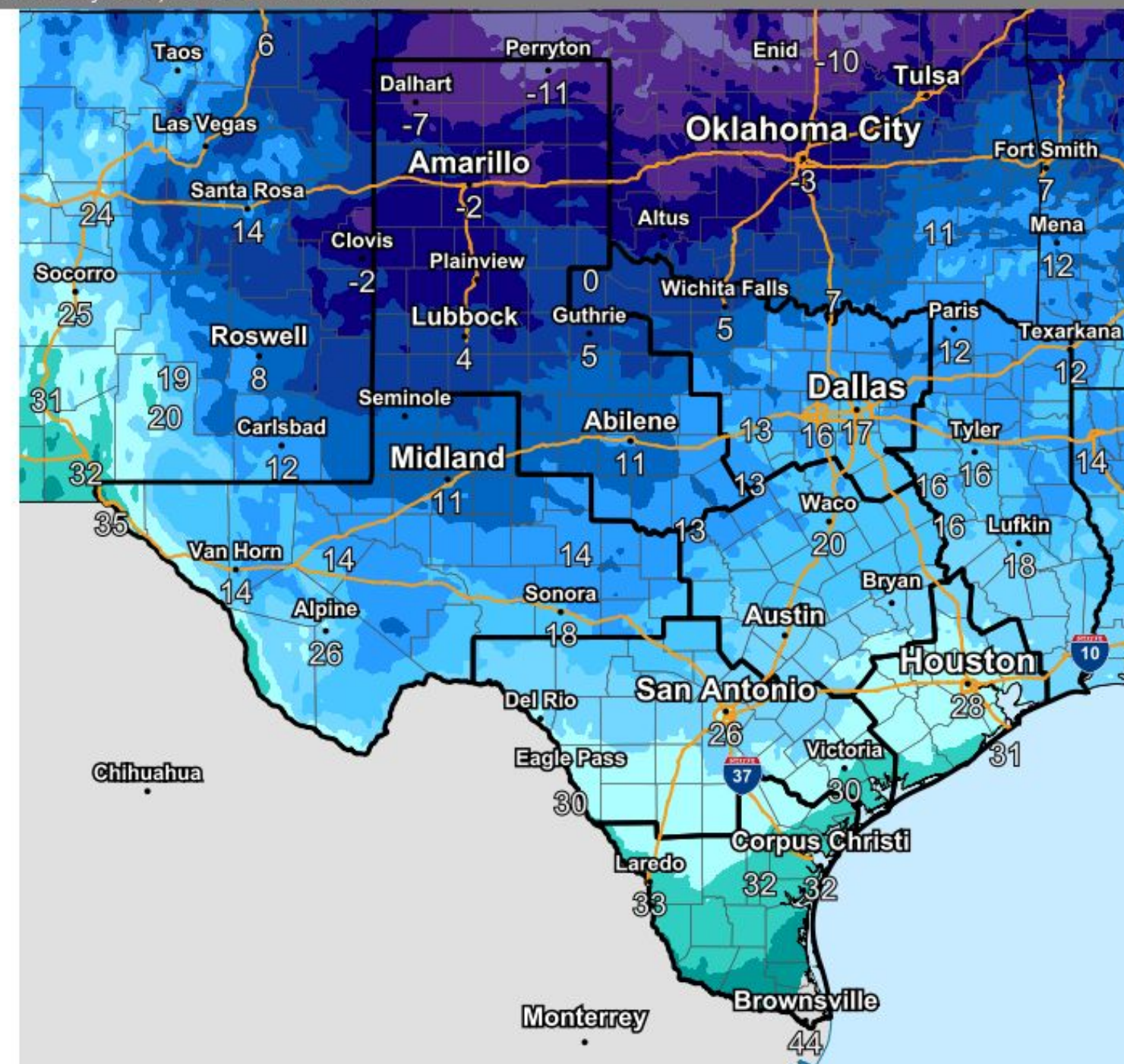
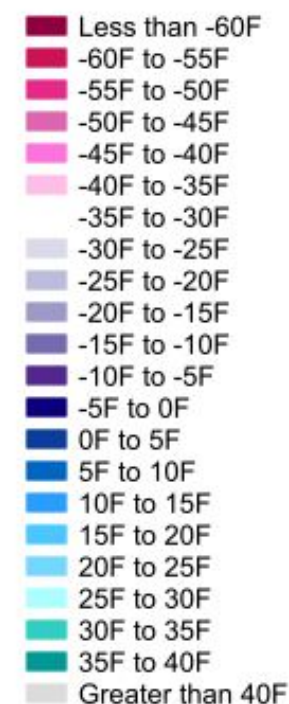


Graphic Created
February 17th, 2025
6:29 AM CST



Coldest Wind Chill

Valid Ending Friday February 21st, 2025 at 6 AM CST

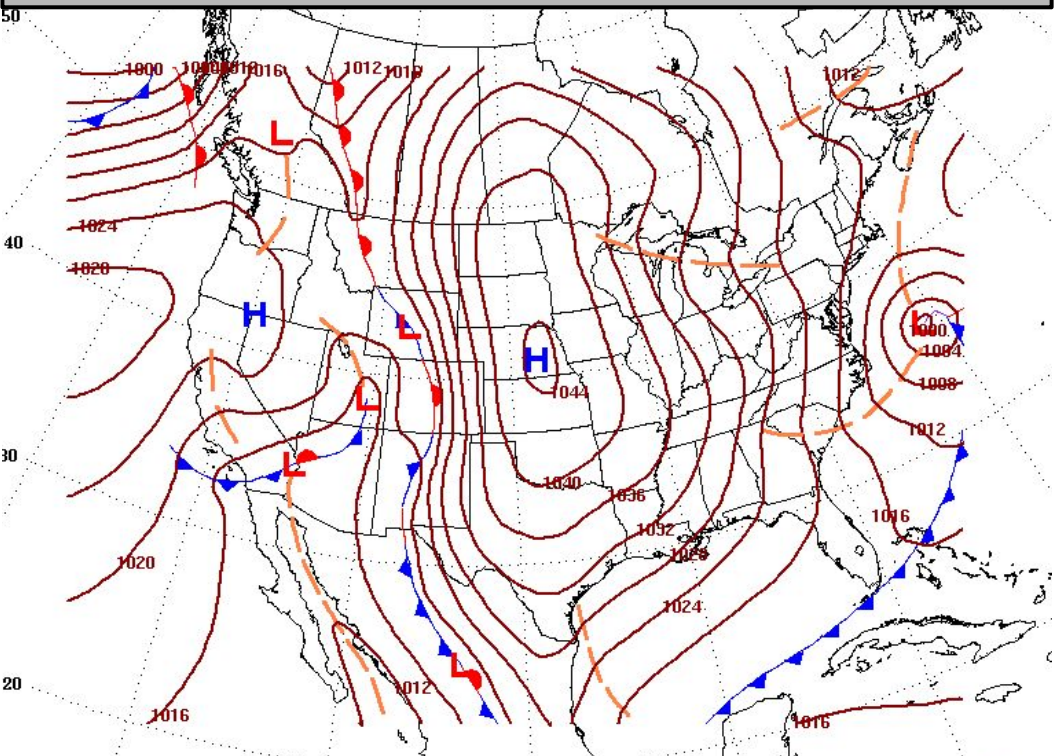


Graphic Created
February 17th, 2025
6:29 AM CST

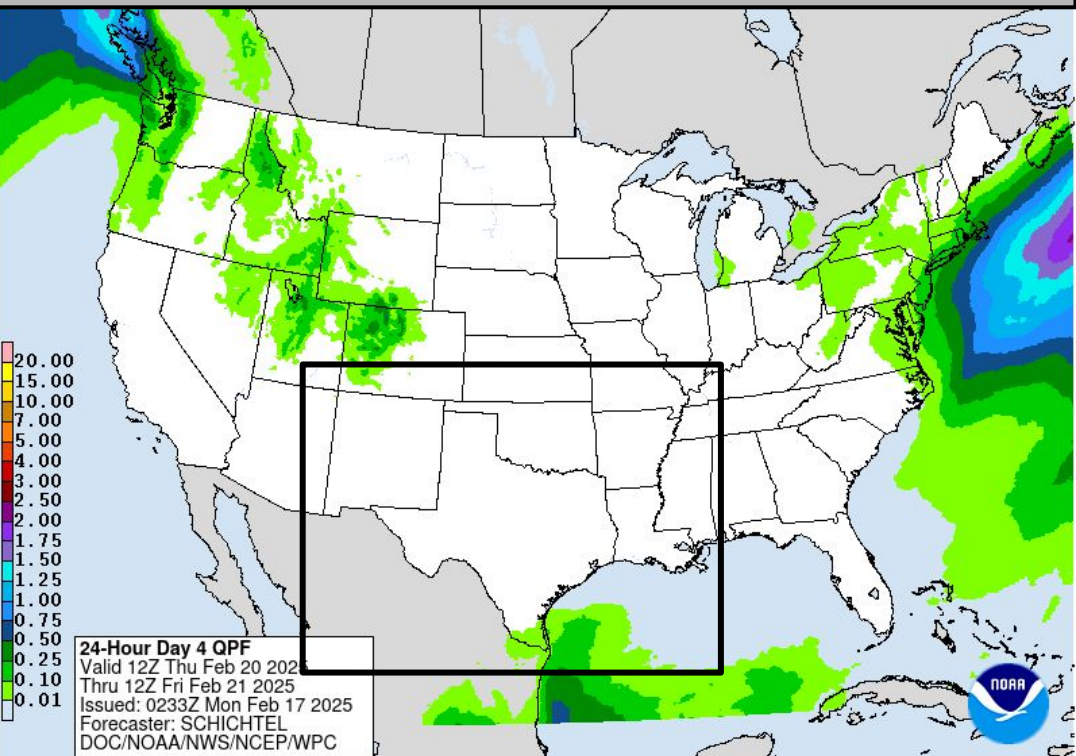


Thursday's Weather

Forecast Chart

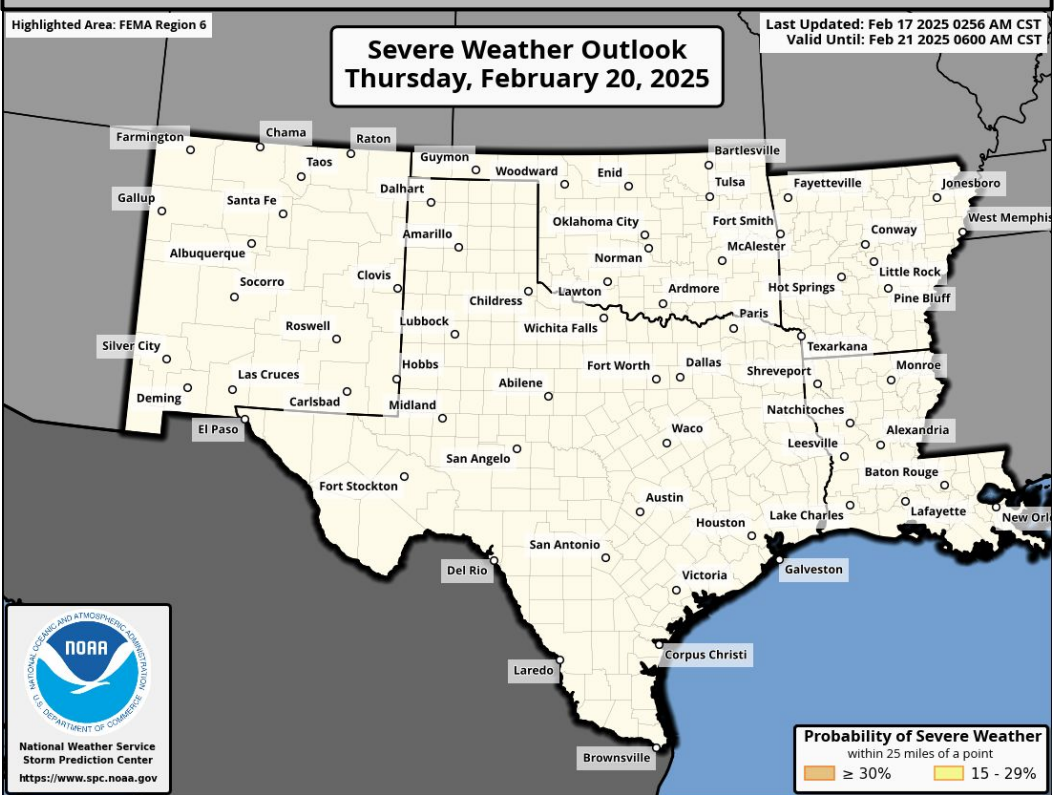


Forecast Rainfall

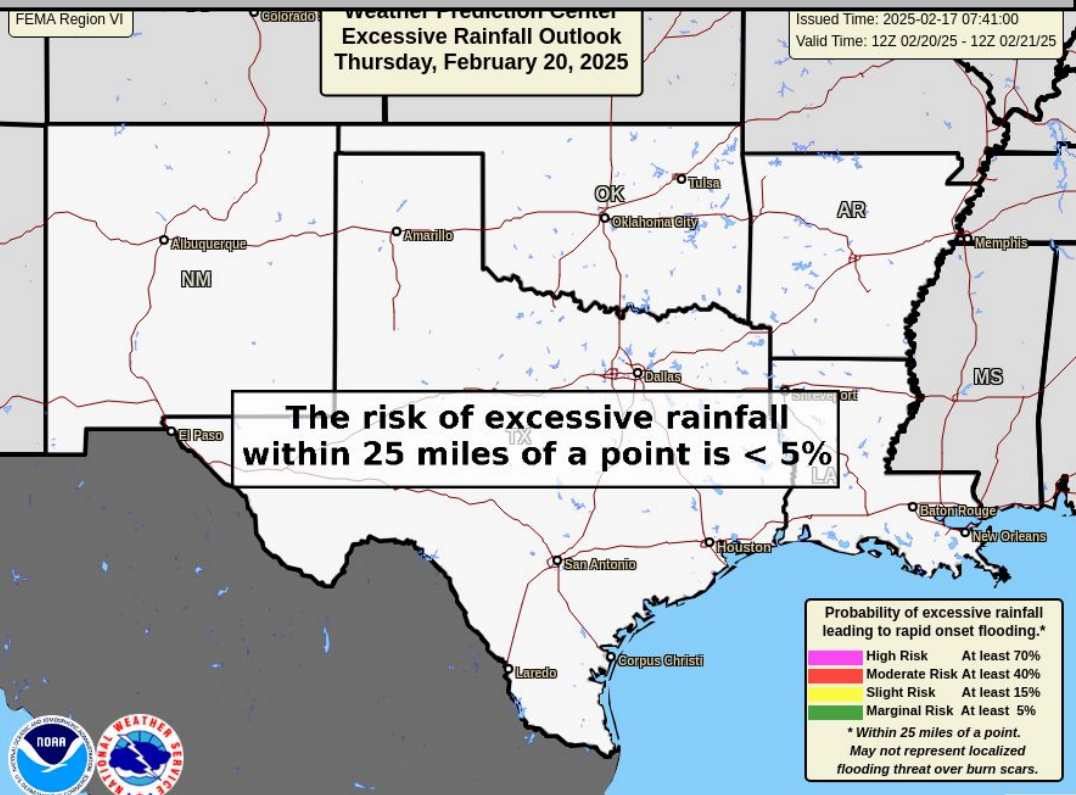


Very cold across OK, TX, LA and AR with temperatures 25-35 degrees below normal.

Severe Weather Outlook



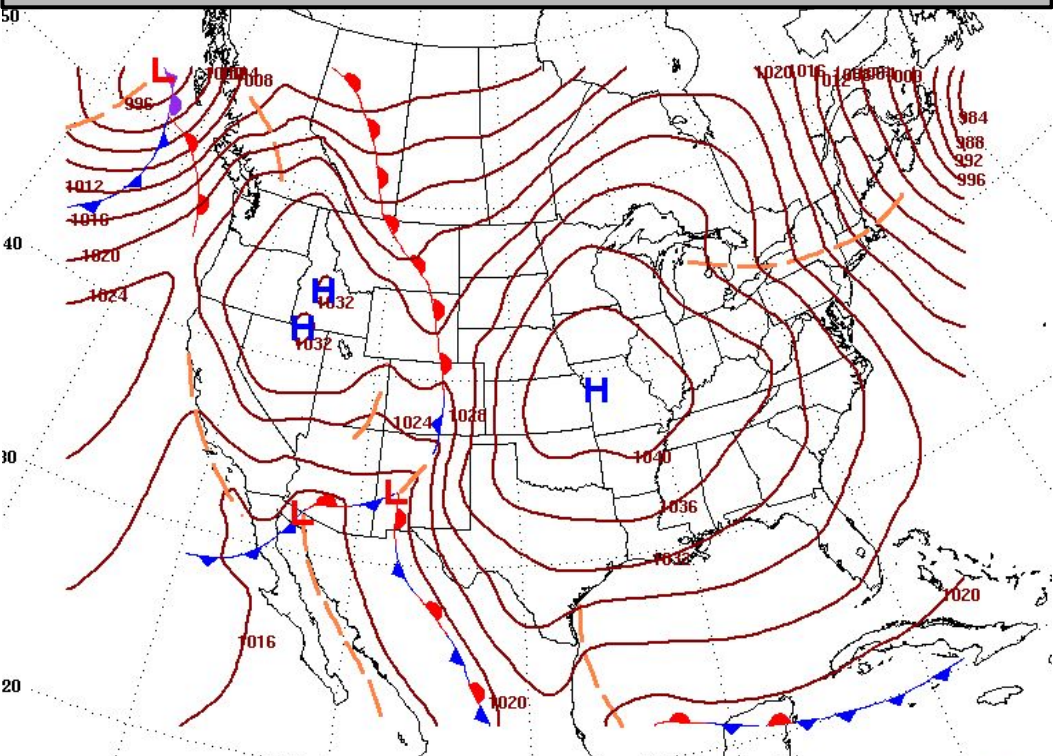
Excessive Rainfall Outlook



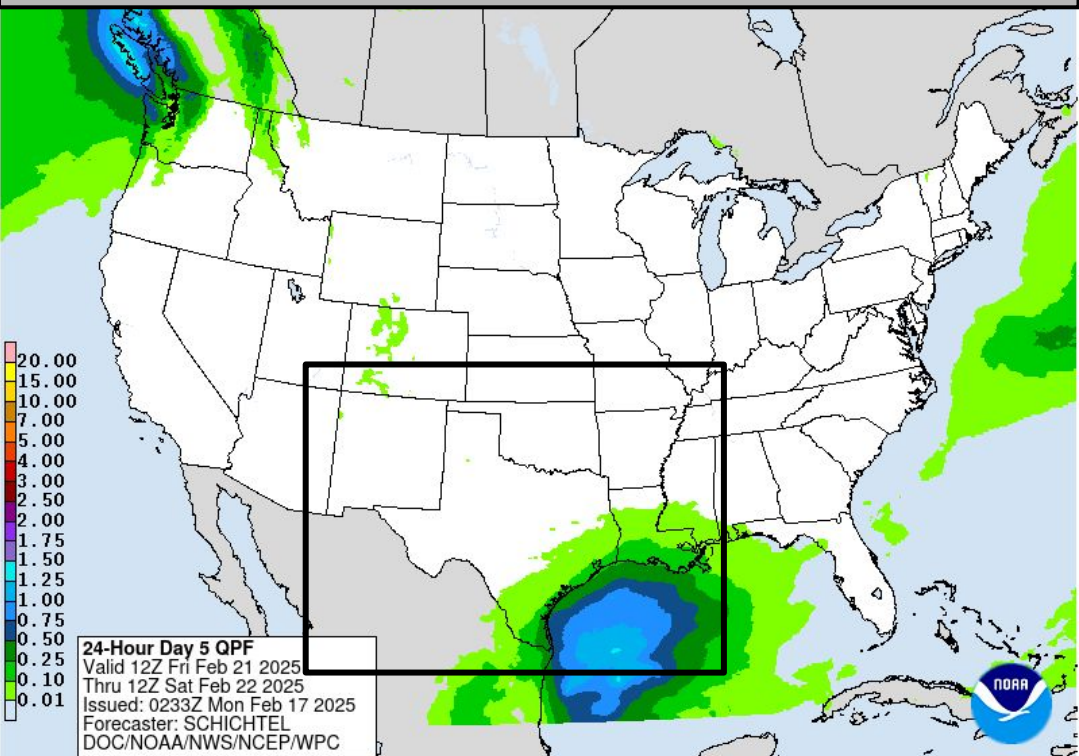


Friday's Weather

Forecast Chart

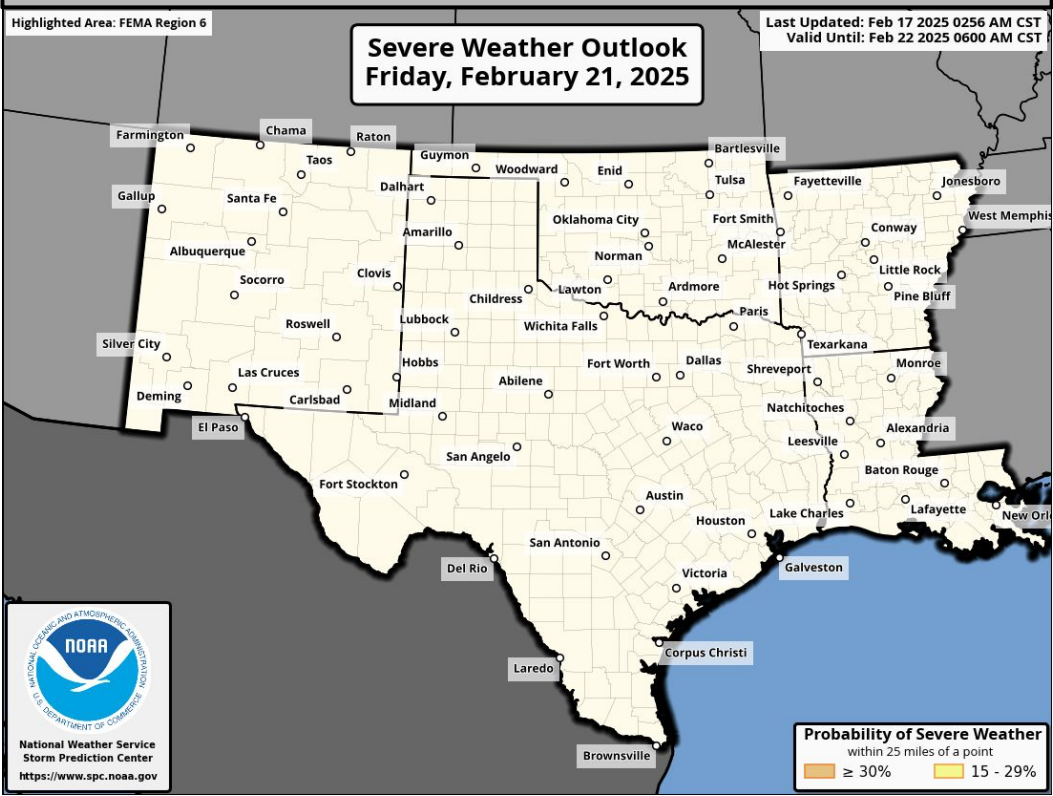


Forecast Rainfall

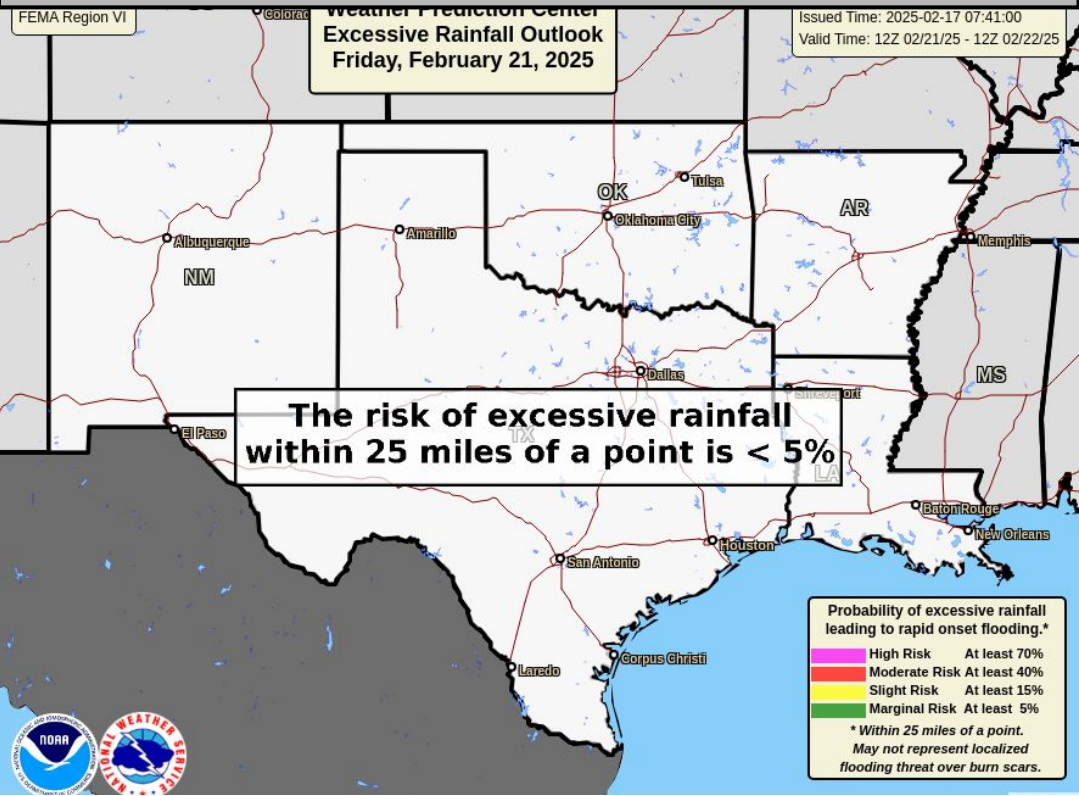


Temperatures begin to gradually moderate.

Severe Weather Outlook



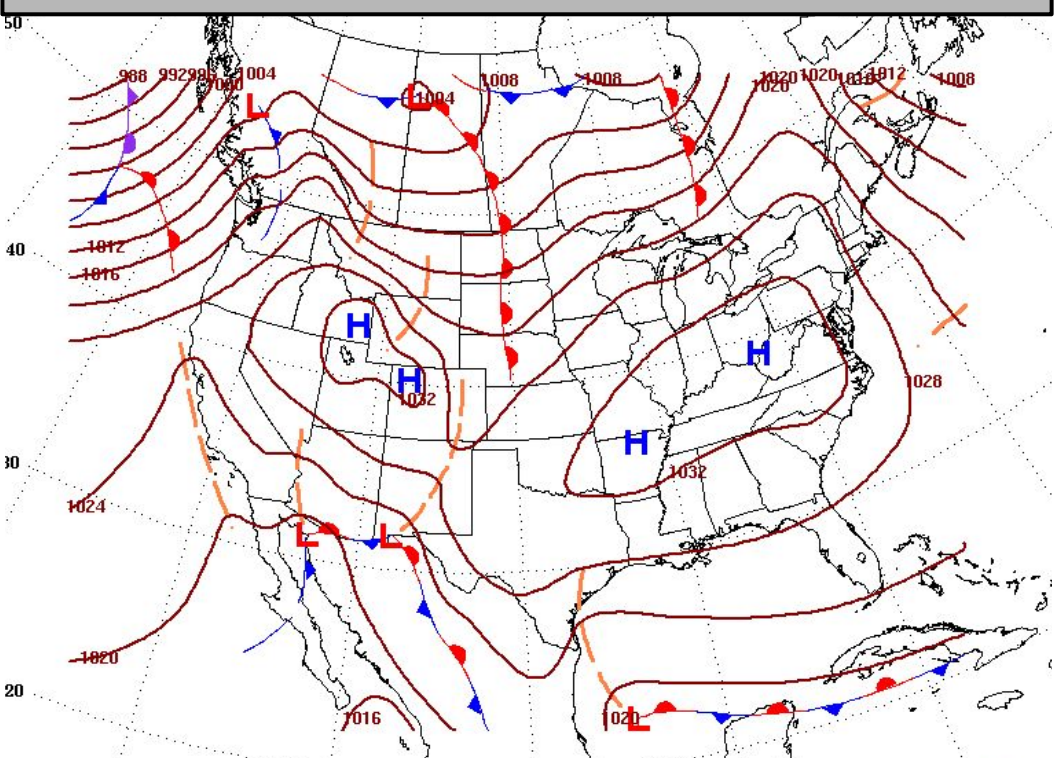
Excessive Rainfall Outlook



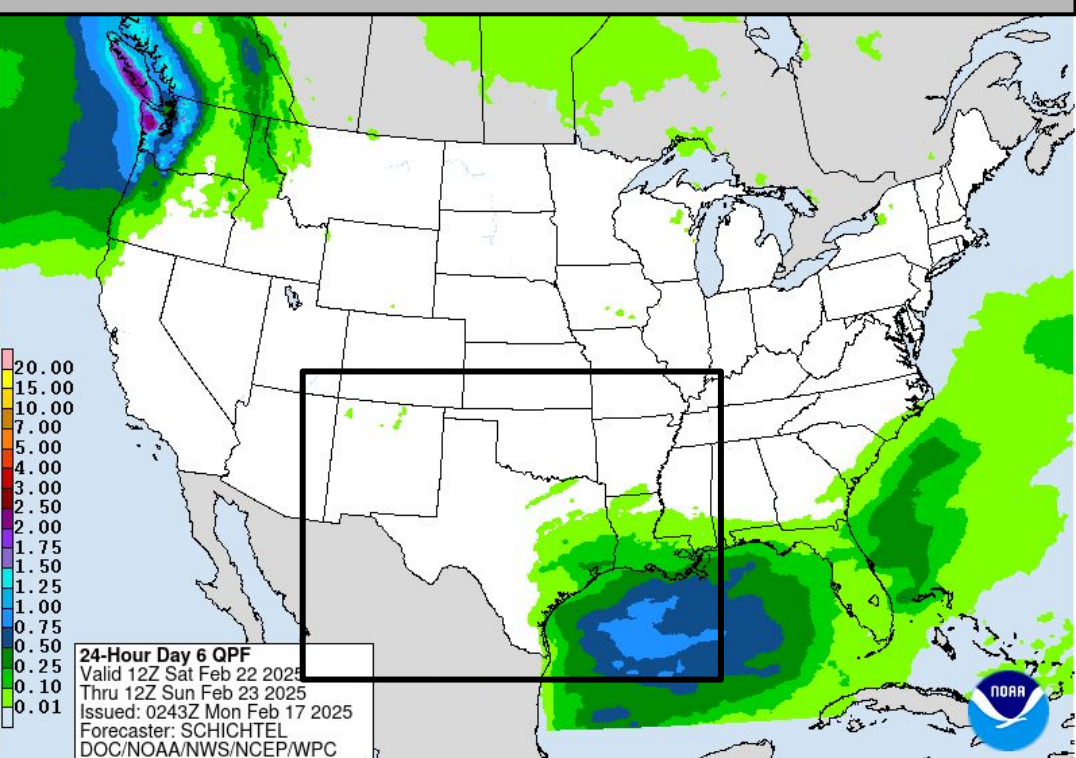


Saturday's Weather

Forecast Chart

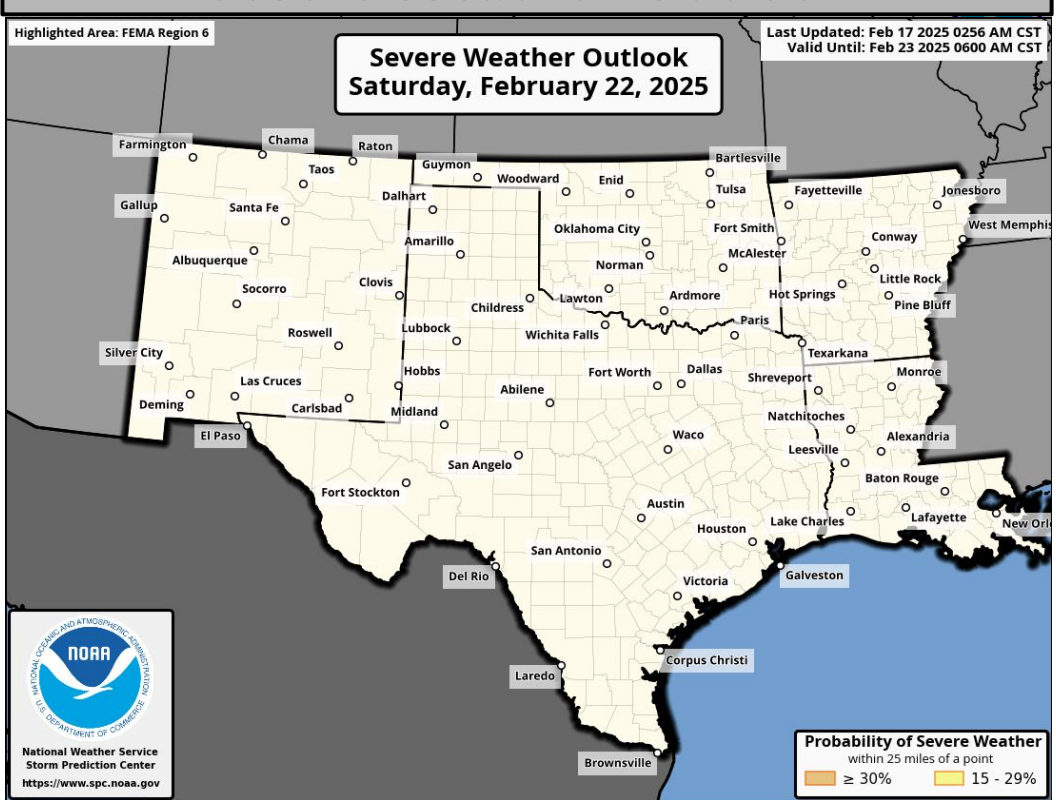


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



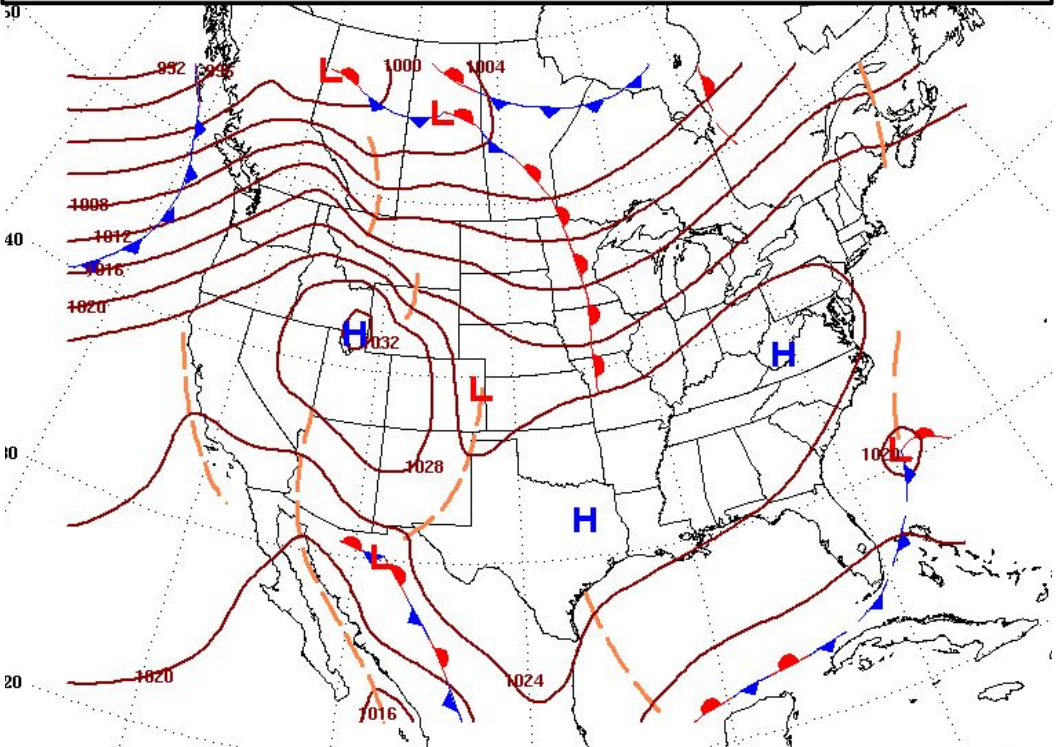
Excessive Rainfall Outlooks not available beyond Day 5



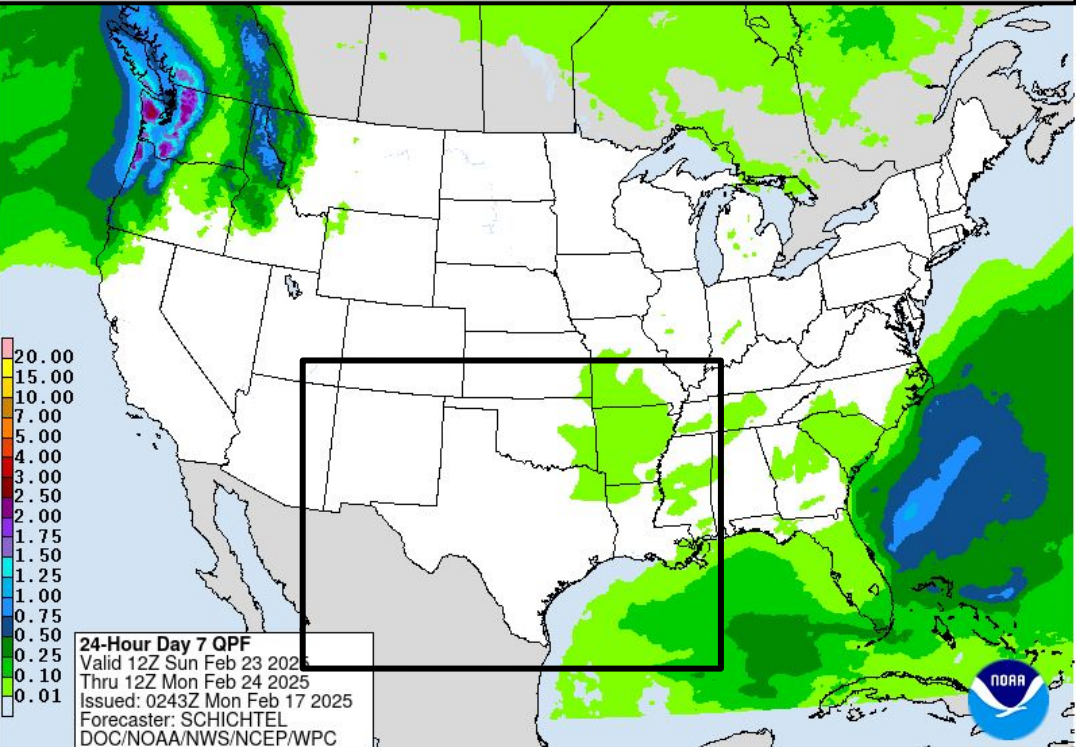


Sunday's Weather

Forecast Chart

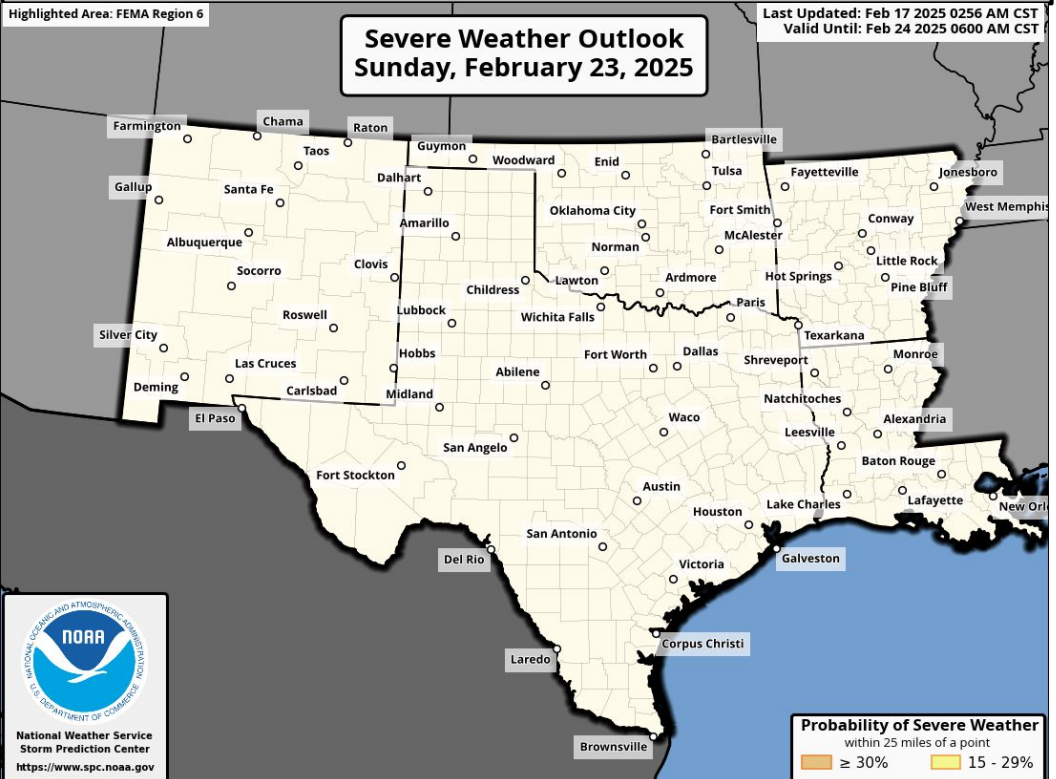


Forecast Rainfall



No significant weather expected.

Severe Weather Outlook



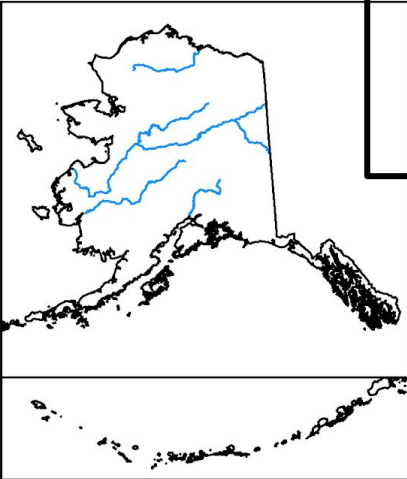
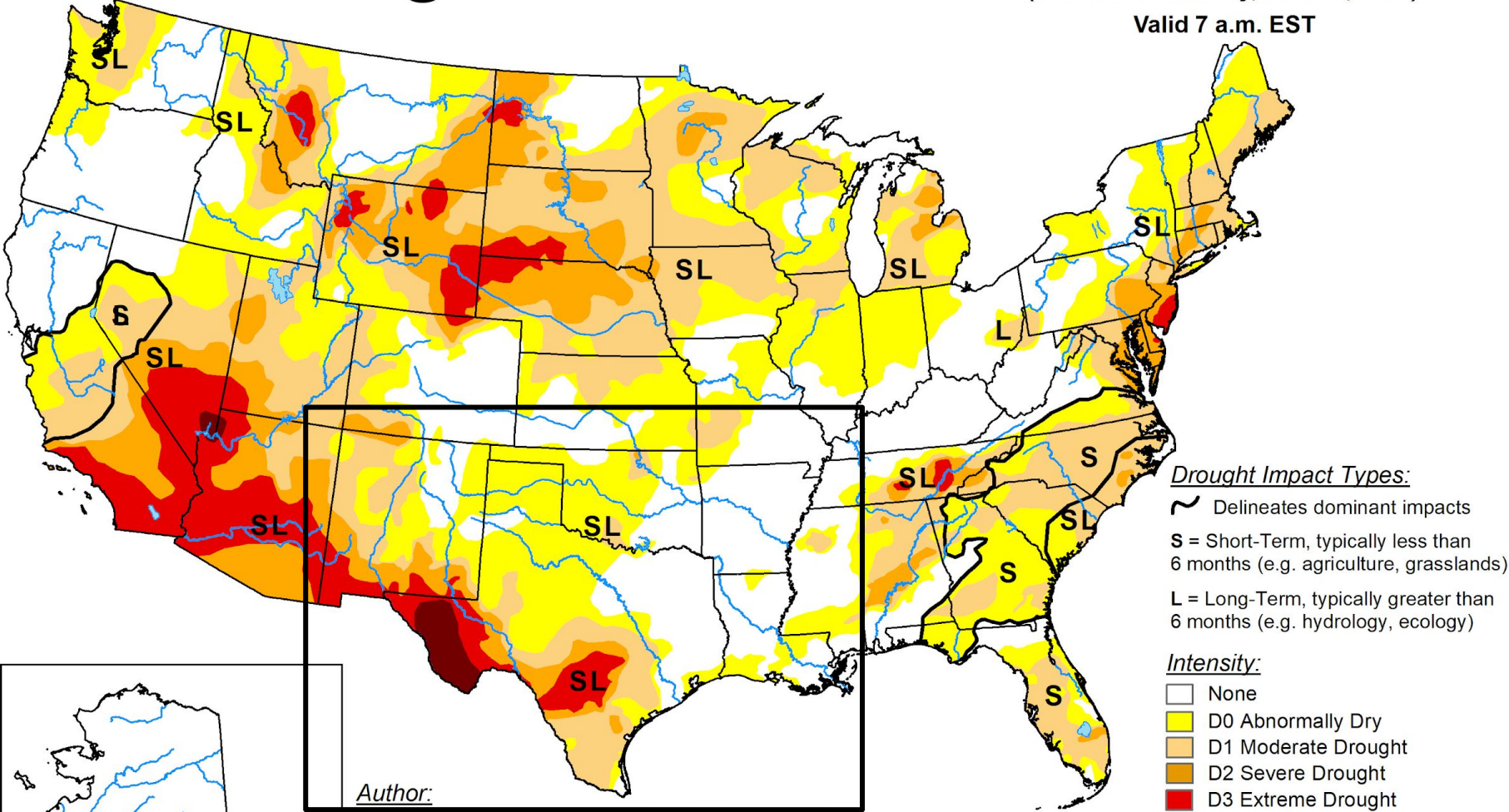
Excessive Rainfall Outlooks
not available beyond Day 5



Drought Monitor

U.S. Drought Monitor

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



Author:
Lindsay Johnson
National Drought Mitigation Center

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)

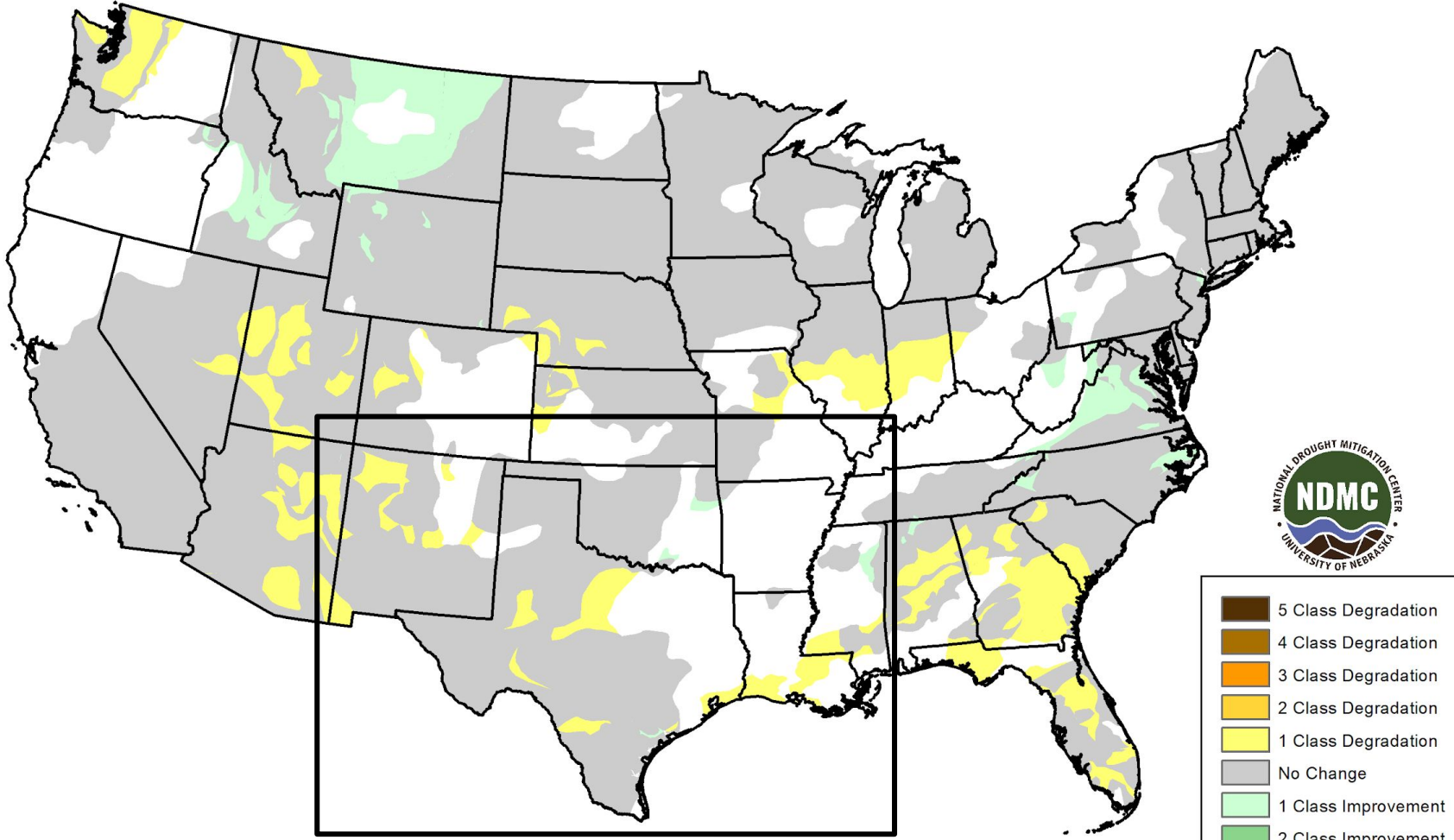
Intensity:
None
D0 Abnormally Dry
D1 Moderate Drought
D2 Severe Drought
D3 Extreme Drought
D4 Exceptional Drought

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

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



February 11, 2025
compared to
February 4, 2025

droughtmonitor.unl.edu



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



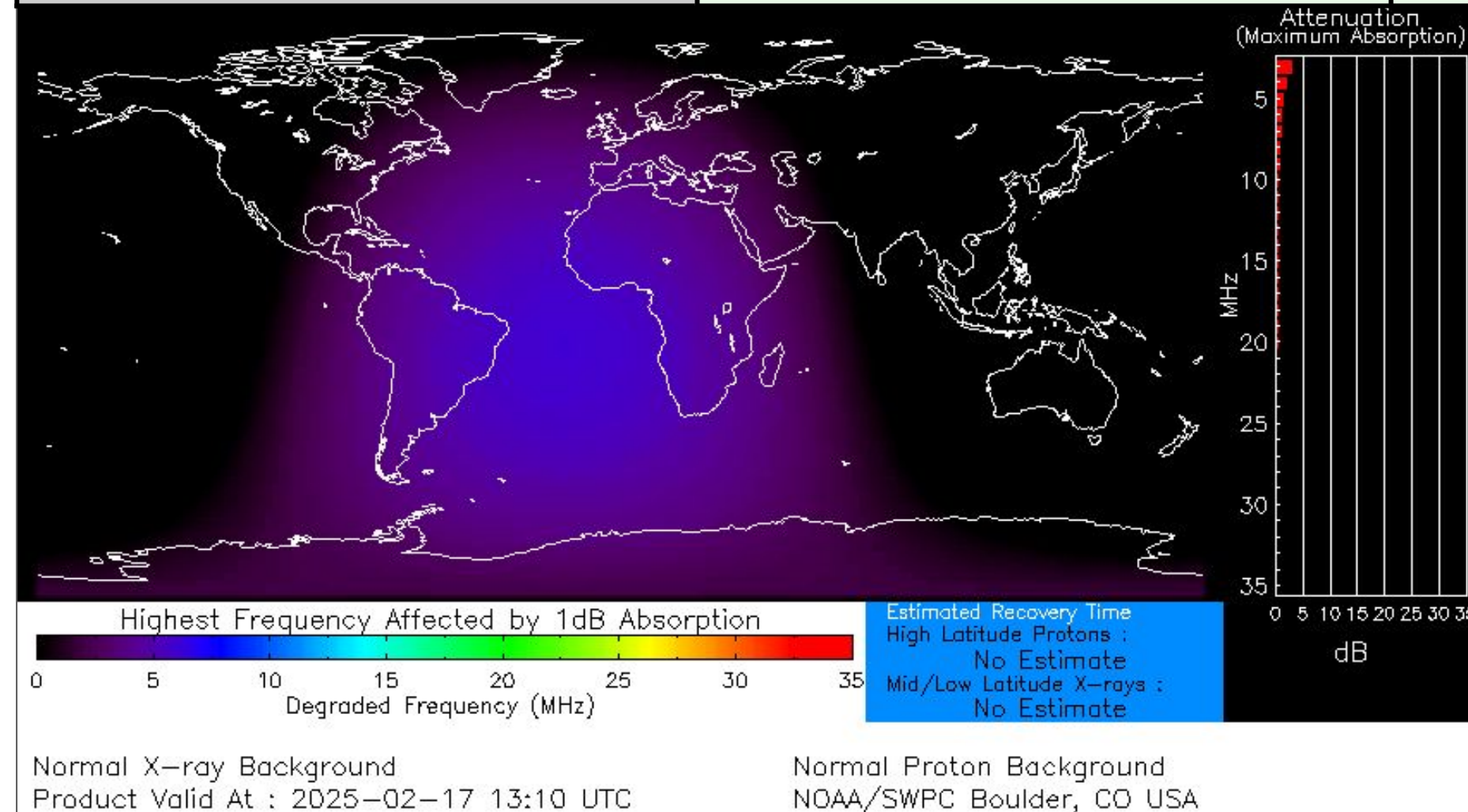
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Southern Region



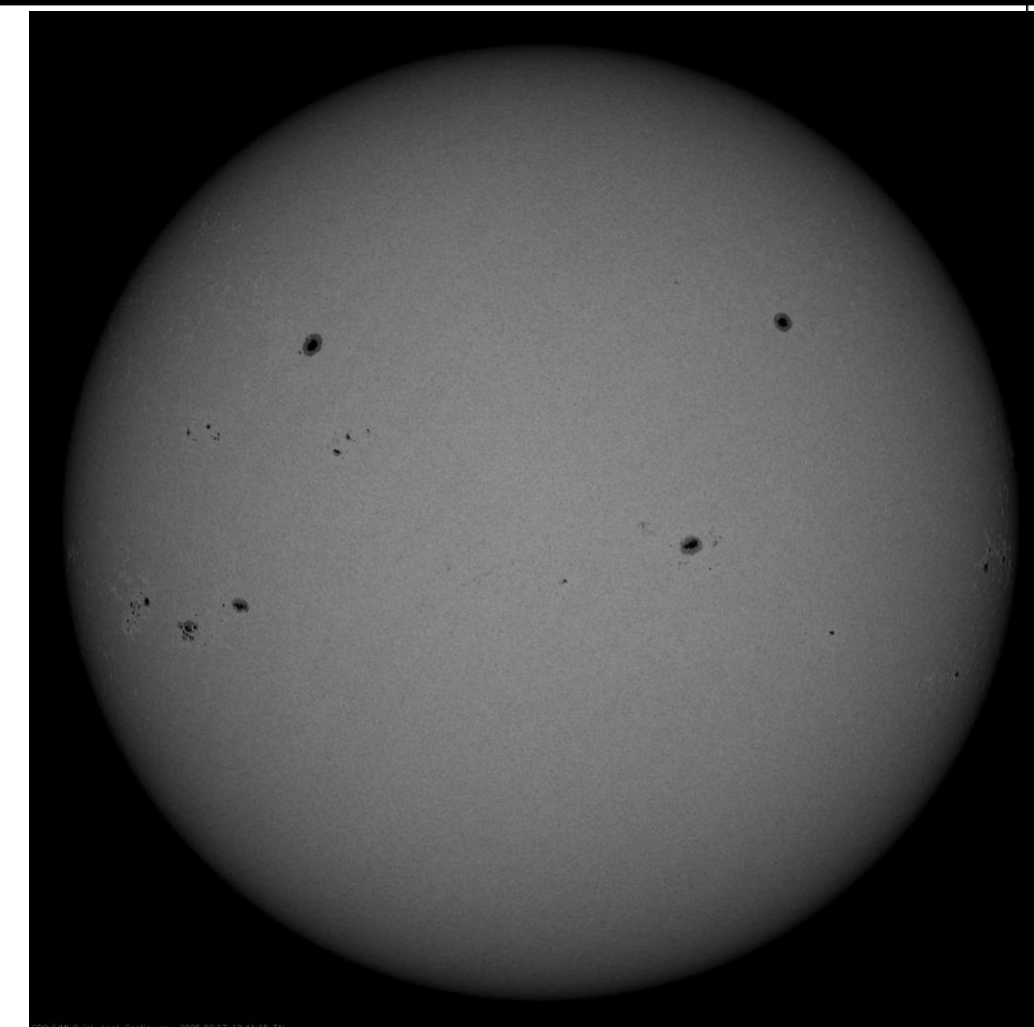
Space Weather 3-Day Forecast

	Monday, Feb 17	Tuesday, Feb 18	Wednesday, Feb 19
Geomagnetic Storms	Active (Max Kp = 4)	Unsettled (Max Kp = 3)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	45%	45%	40%
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	Little to None Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	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	<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	Minor Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	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	<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	Moderate Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	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	<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	Major Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	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	<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	Extreme 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	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	<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



Phone: (682) 703-3747



Facebook: NWSSouthern



E-mail: sr-srh.roc@noaa.gov



Twitter: NWSSouthern



Web: 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**