



FEMA



Prepared by
Kurt Van Speybroeck

FEMA Region 6 Weather Threat Briefing

Monday February 26, 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.



NWSSouthern

www.weather.gov/srh



Summary of the Upcoming Week

- **Critical fire weather conditions/Red Flag Warnings across E NM, W TX and W OK.**
- **Marginal risk area for strong/severe thunderstorms across NE AR on Tuesday.**
- **High wind warnings/advisories across NM and W TX through Tuesday.**
- **Minor river flooding across E TX, AR, and LA.**



FEMA Region 6 Threat Matrix

Feb 26, 2024 - Mar 1, 2024

DAY / THREAT	Mon	Tue	Wed	Thu	Fri
Severe Storms		NE AR			
Heavy Rain / Flash Flooding					
Fire Weather	E NM W TX,W OK	E NM W TX,W OK			
Cold					
Winter Weather	N NM	N NM			
River Flooding	E TX,AR, LA	E TX,AR, LA	E TX,AR, LA	E TX,AR, LA	E TX,AR, LA

- 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.

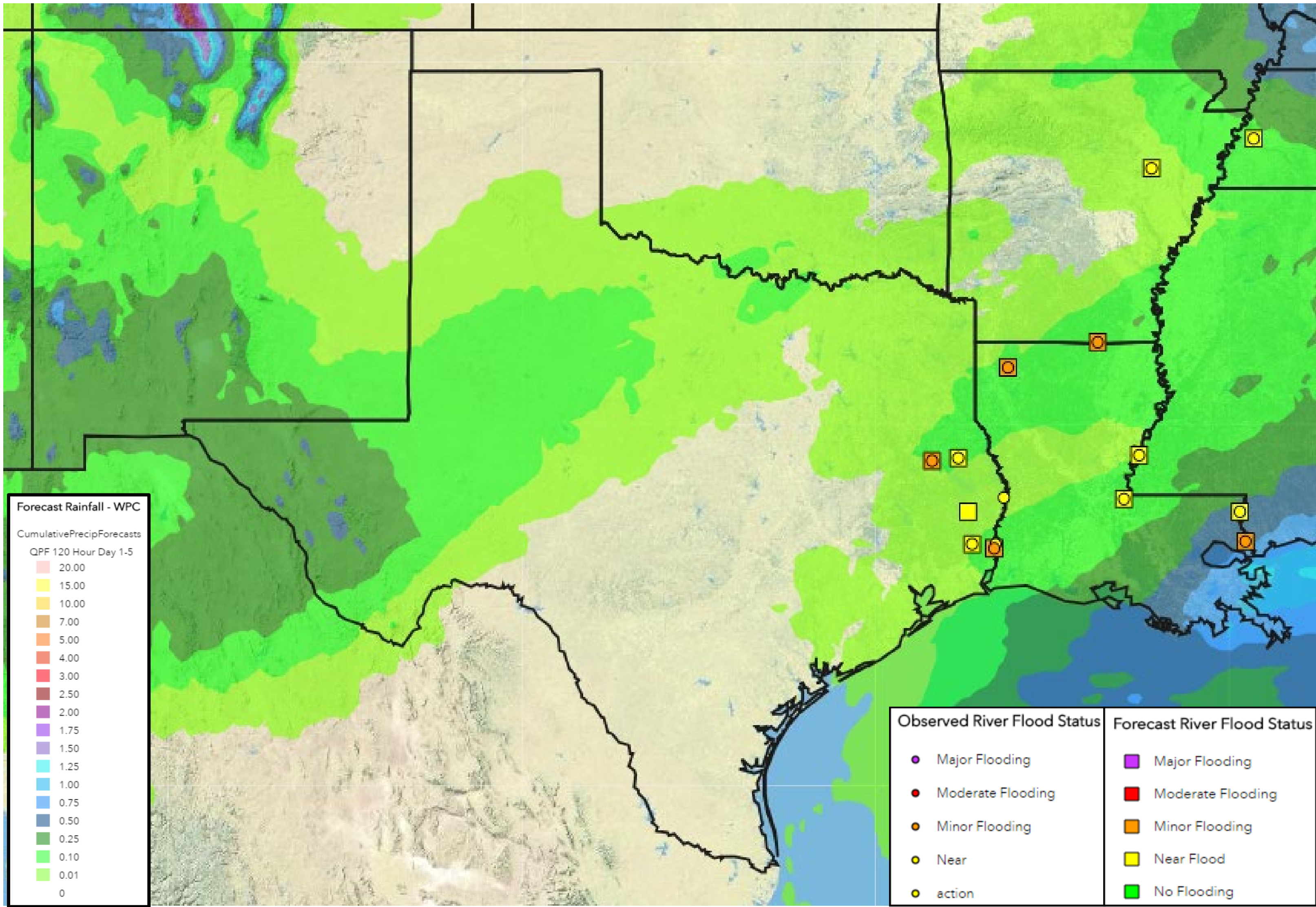
For more details on the colors in the threat matrix refer to the last slide in this briefing.



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 across E TX, AR and LA. No significant impacts to structures/population.

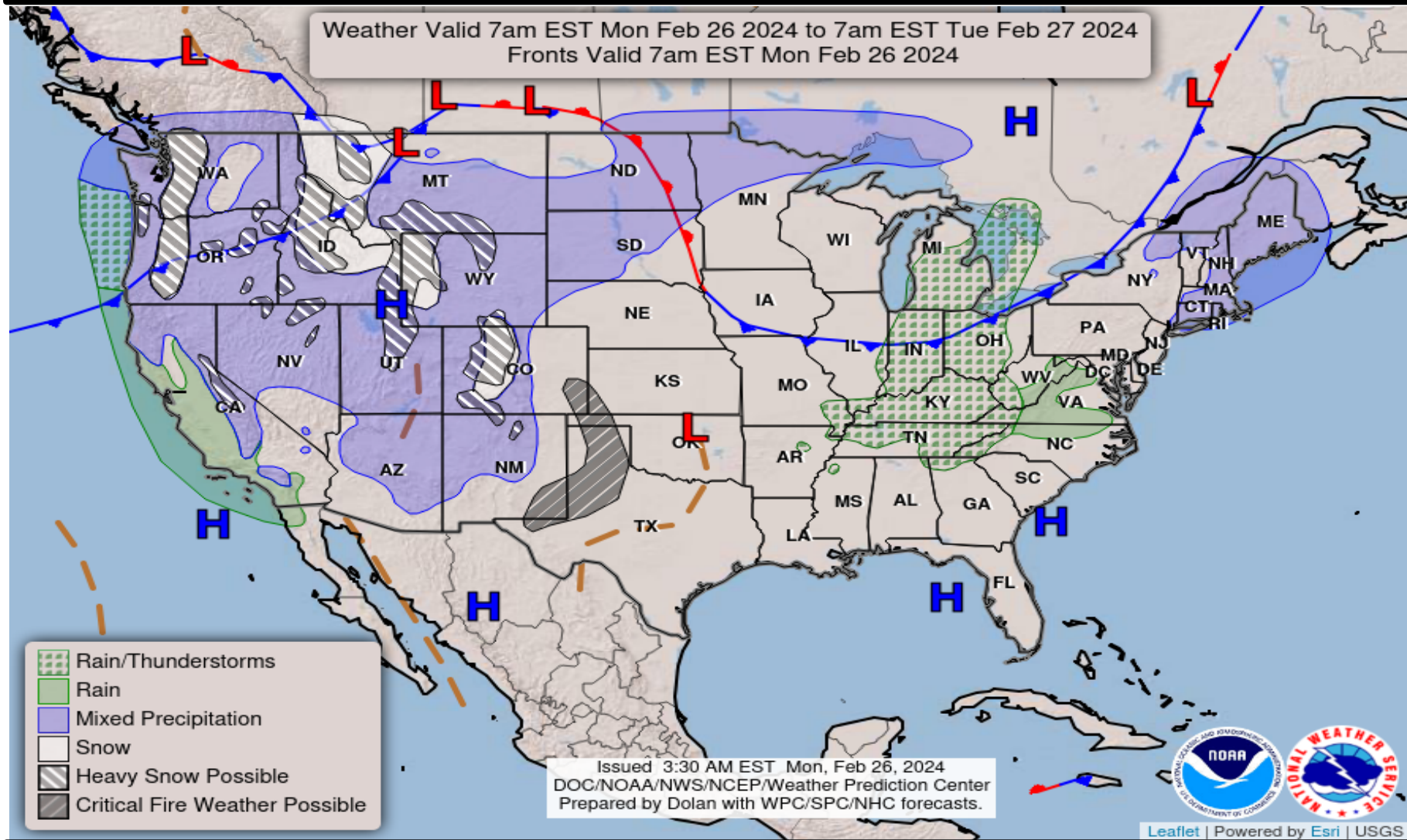


<http://water.weather.gov/ahps> for latest river flooding

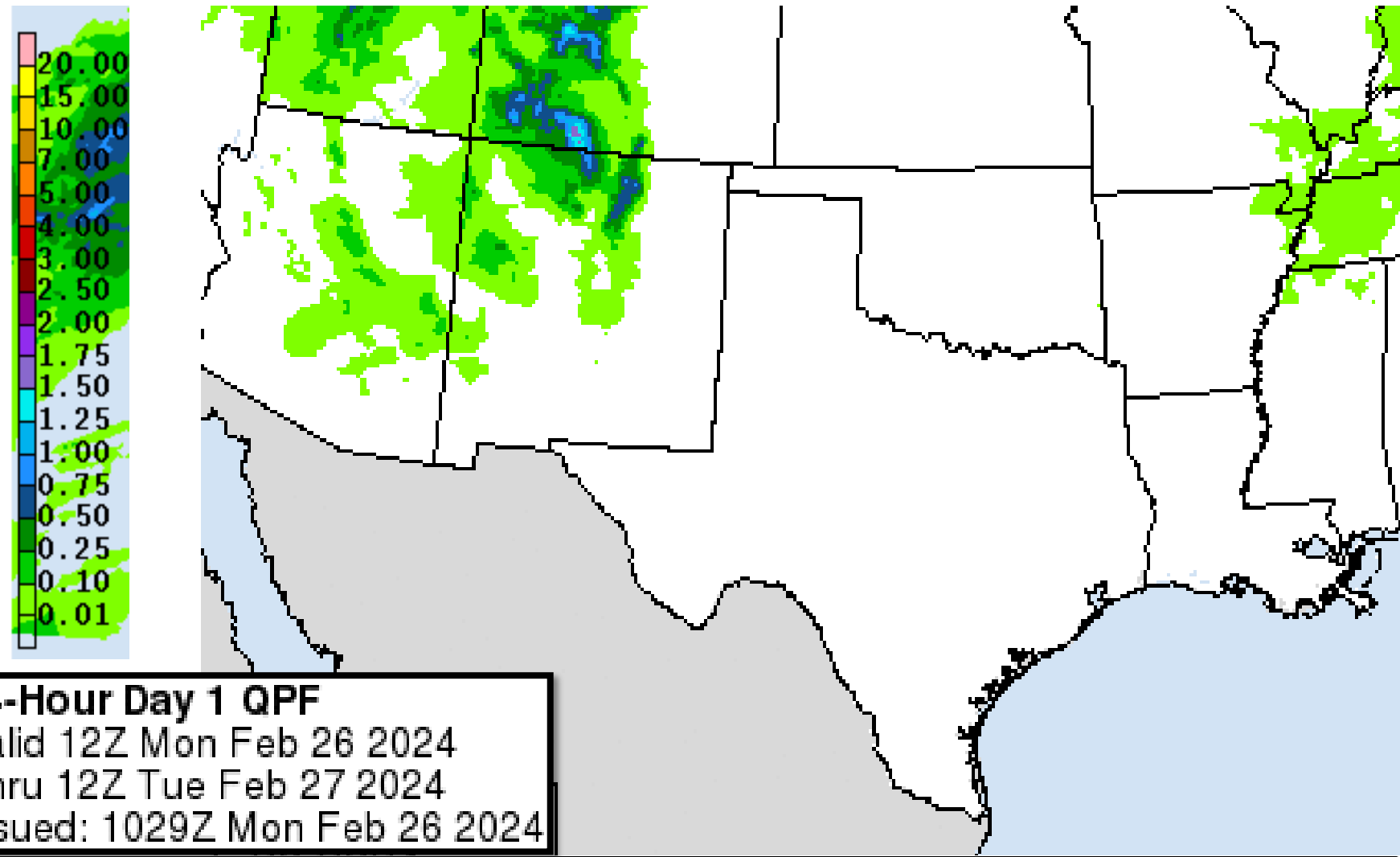


Today's Weather

Forecast Chart



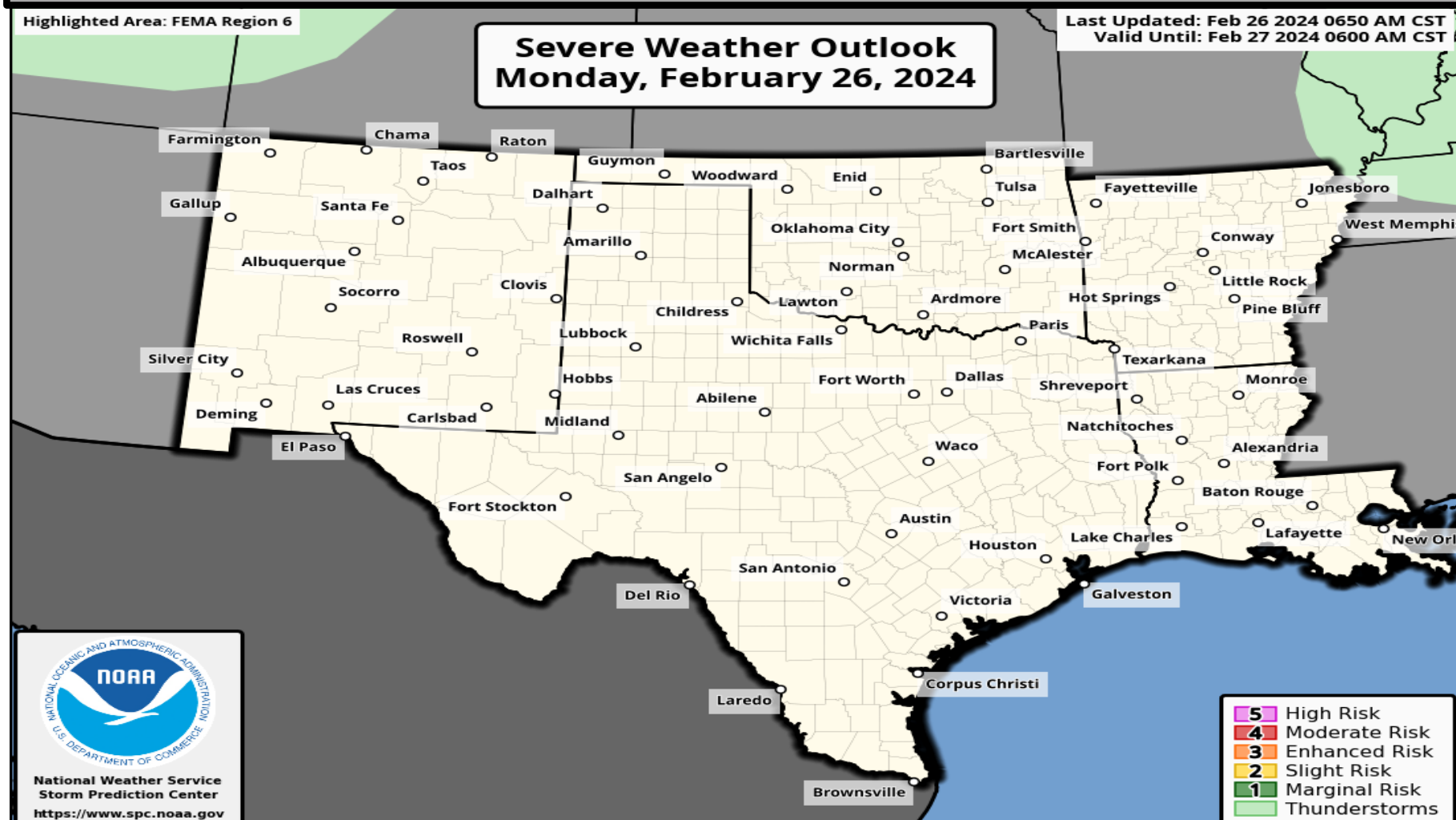
Forecast Rainfall



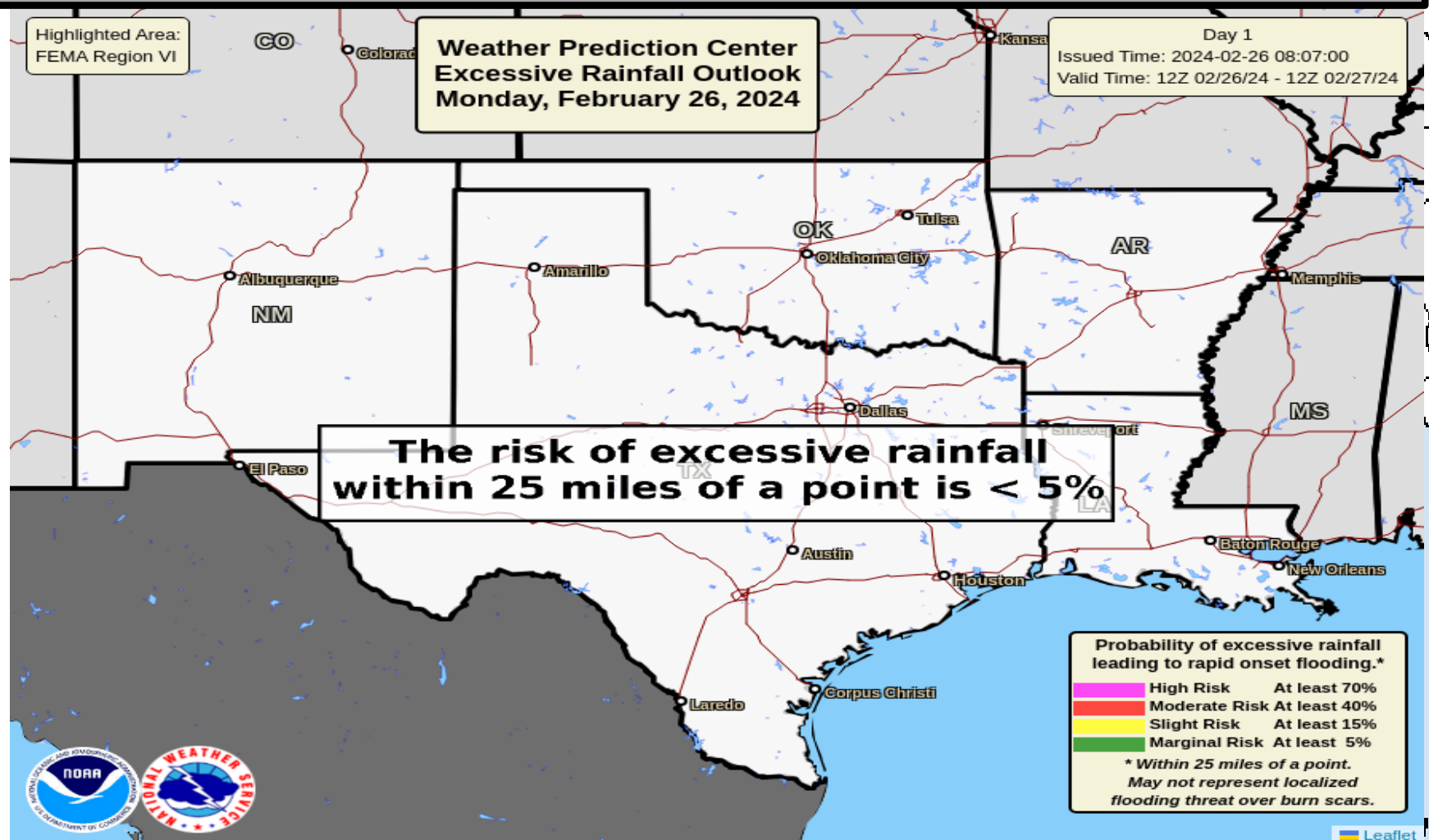
Critical fire weather/Red Flag Warnings across E NM, W TX and W OK.

High wind warnings/advisories across NM and W TX.

Severe Weather Outlook

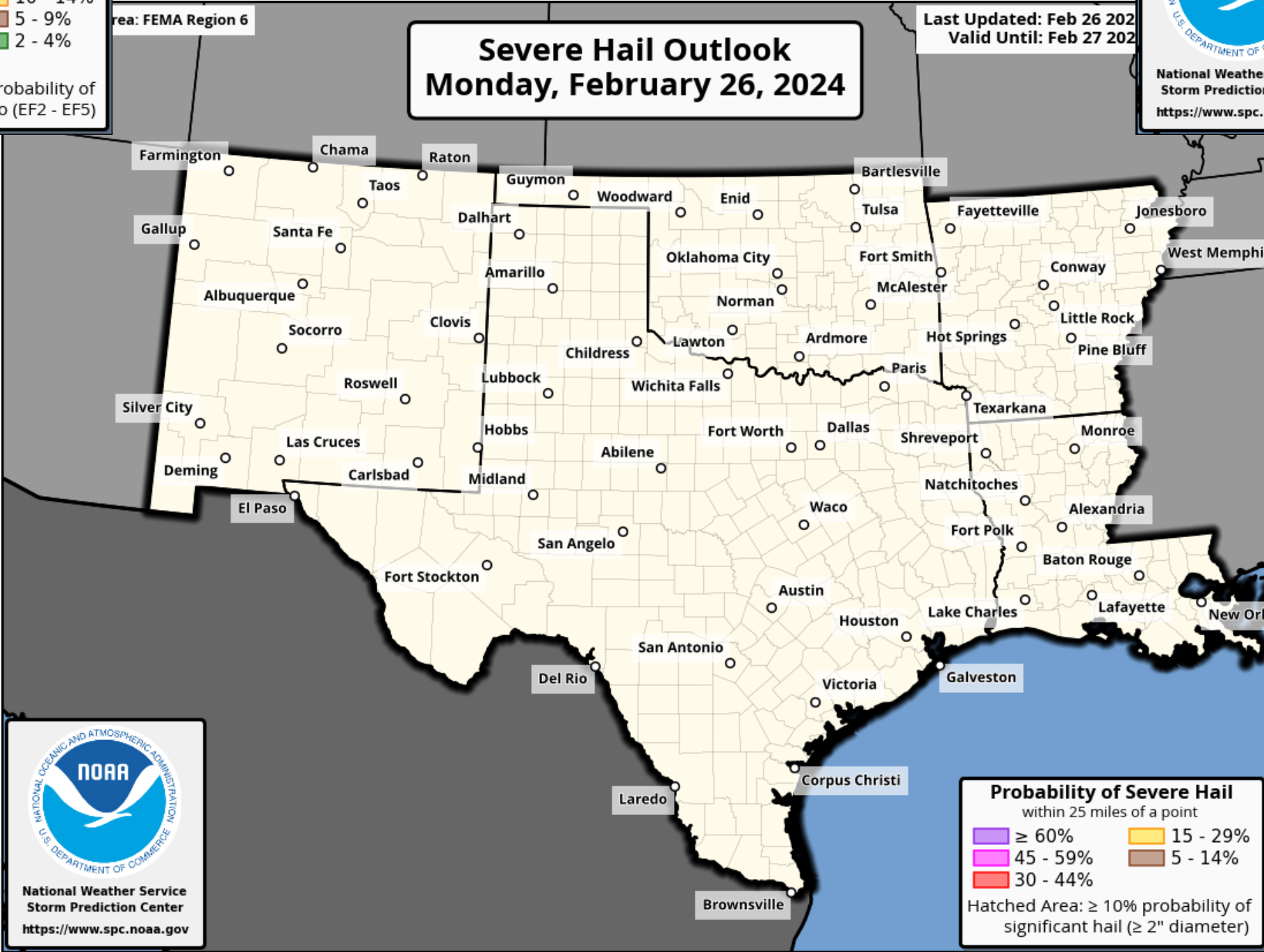
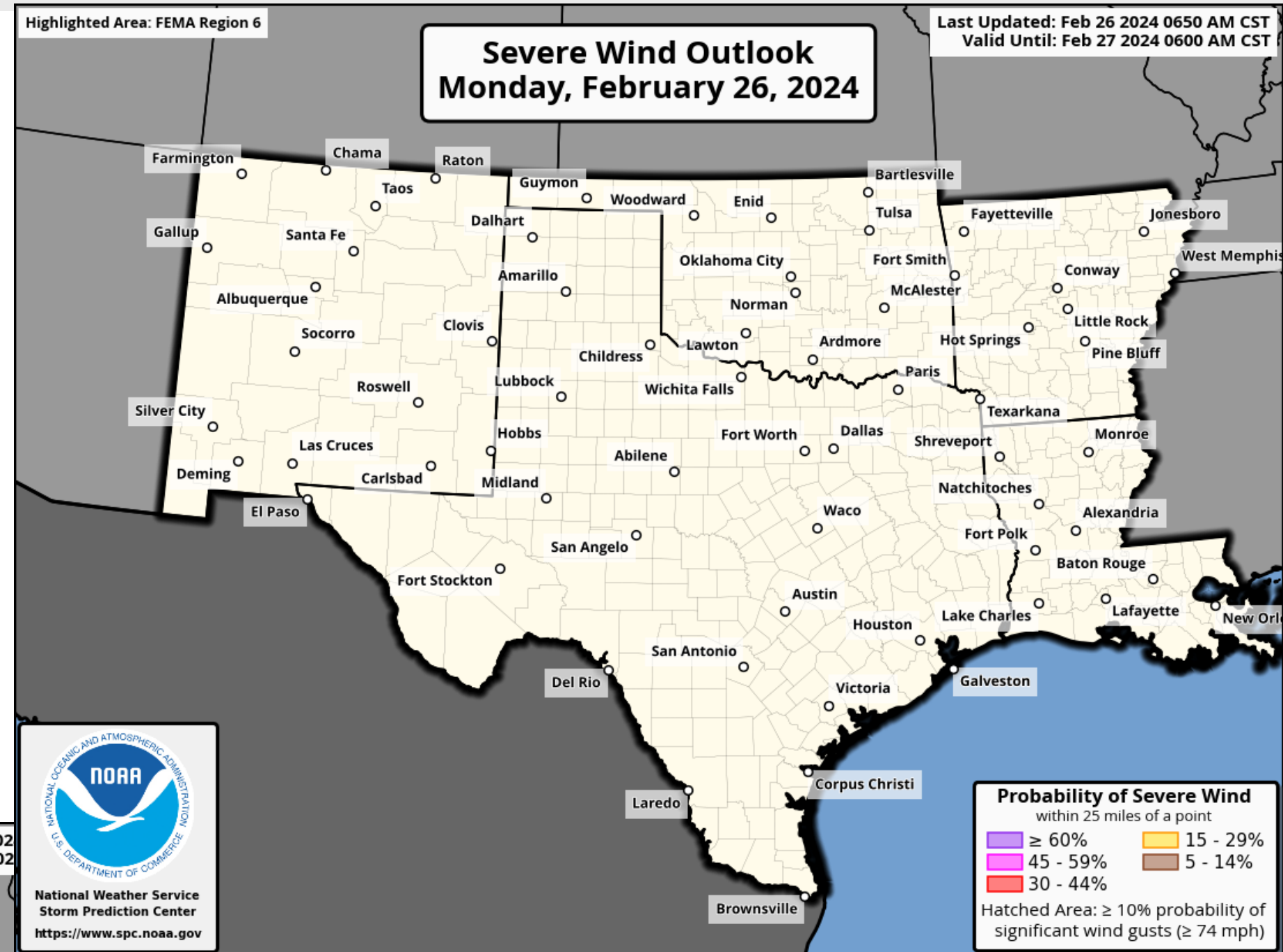
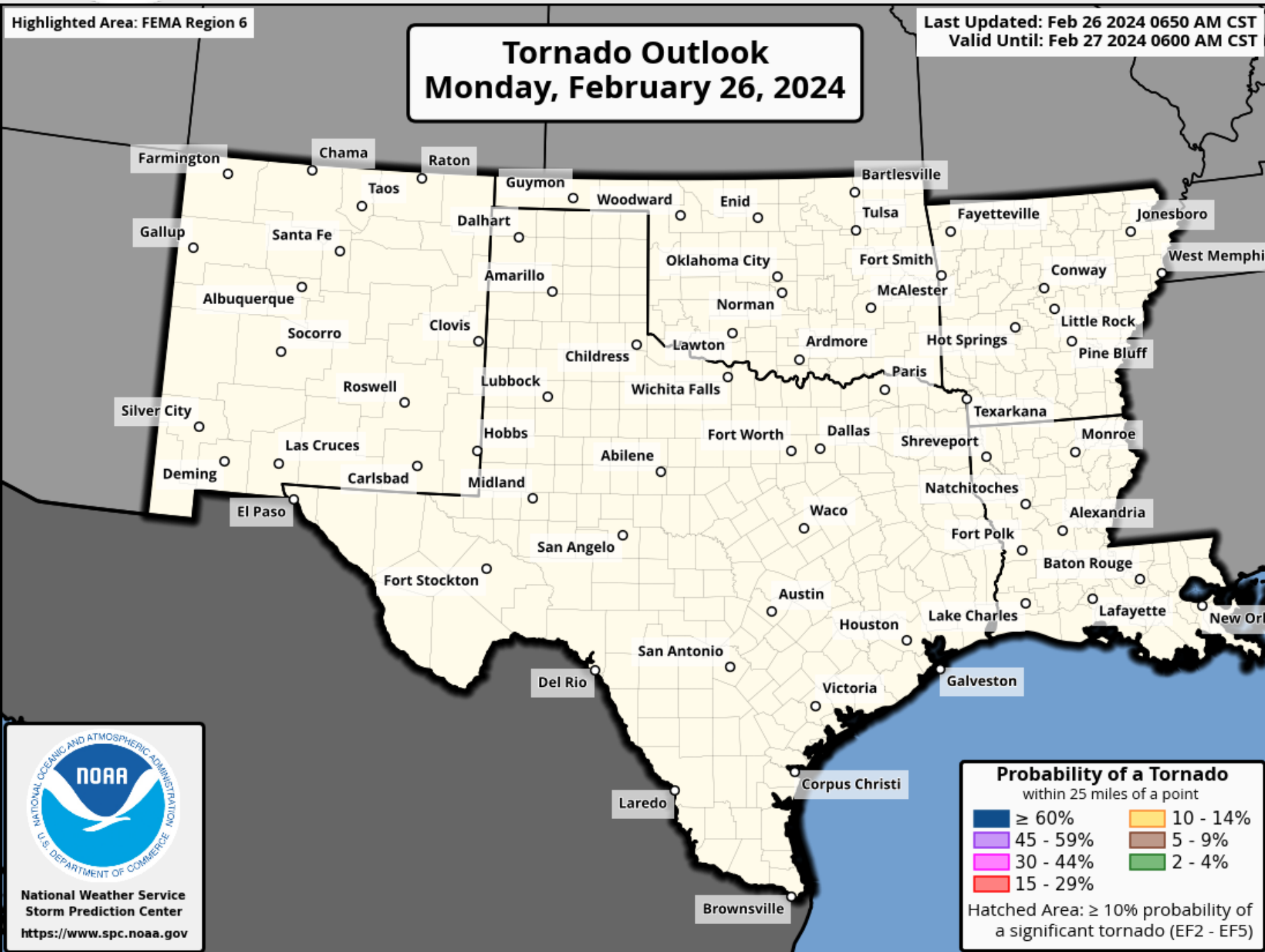


Excessive Rainfall Outlook



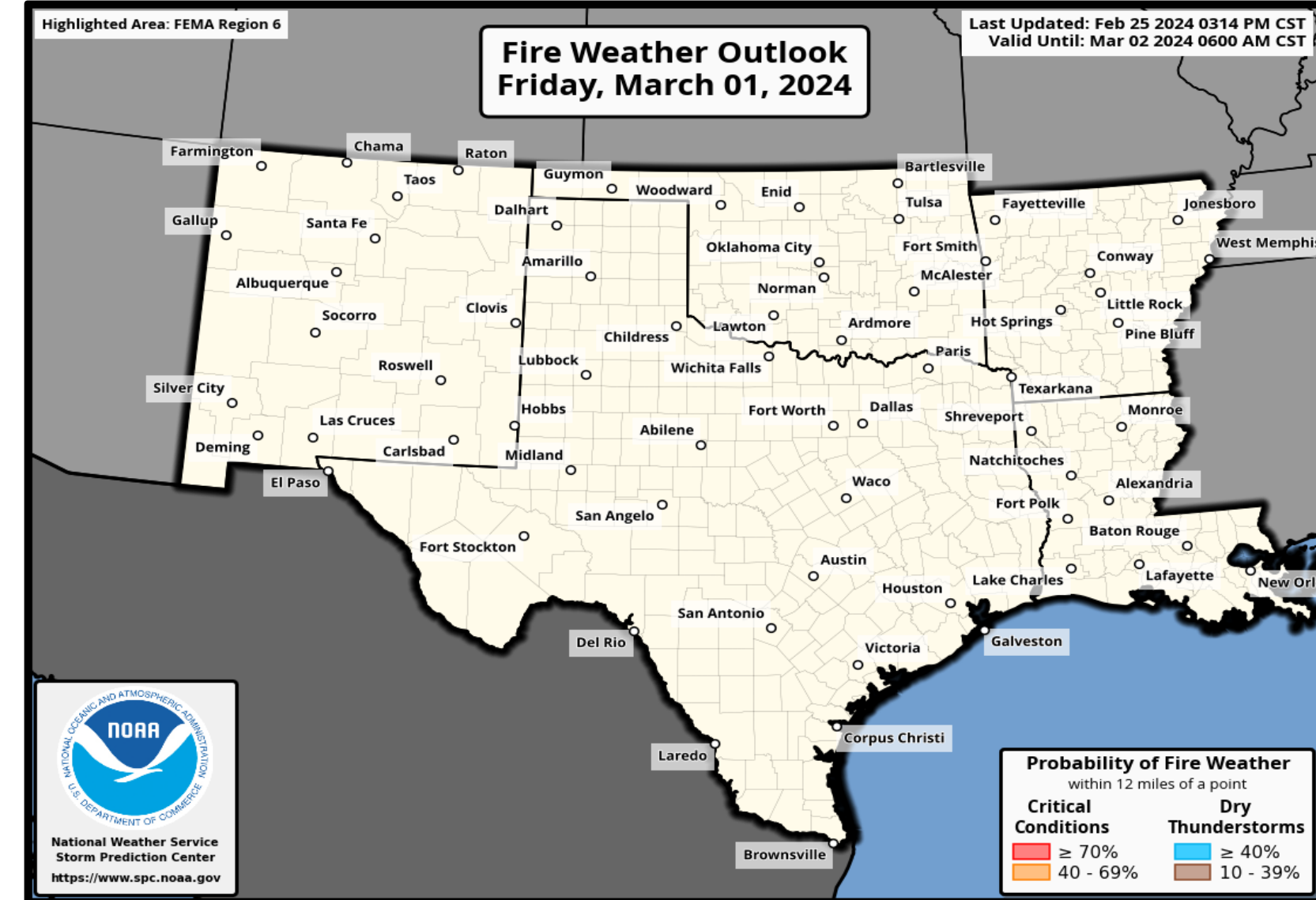
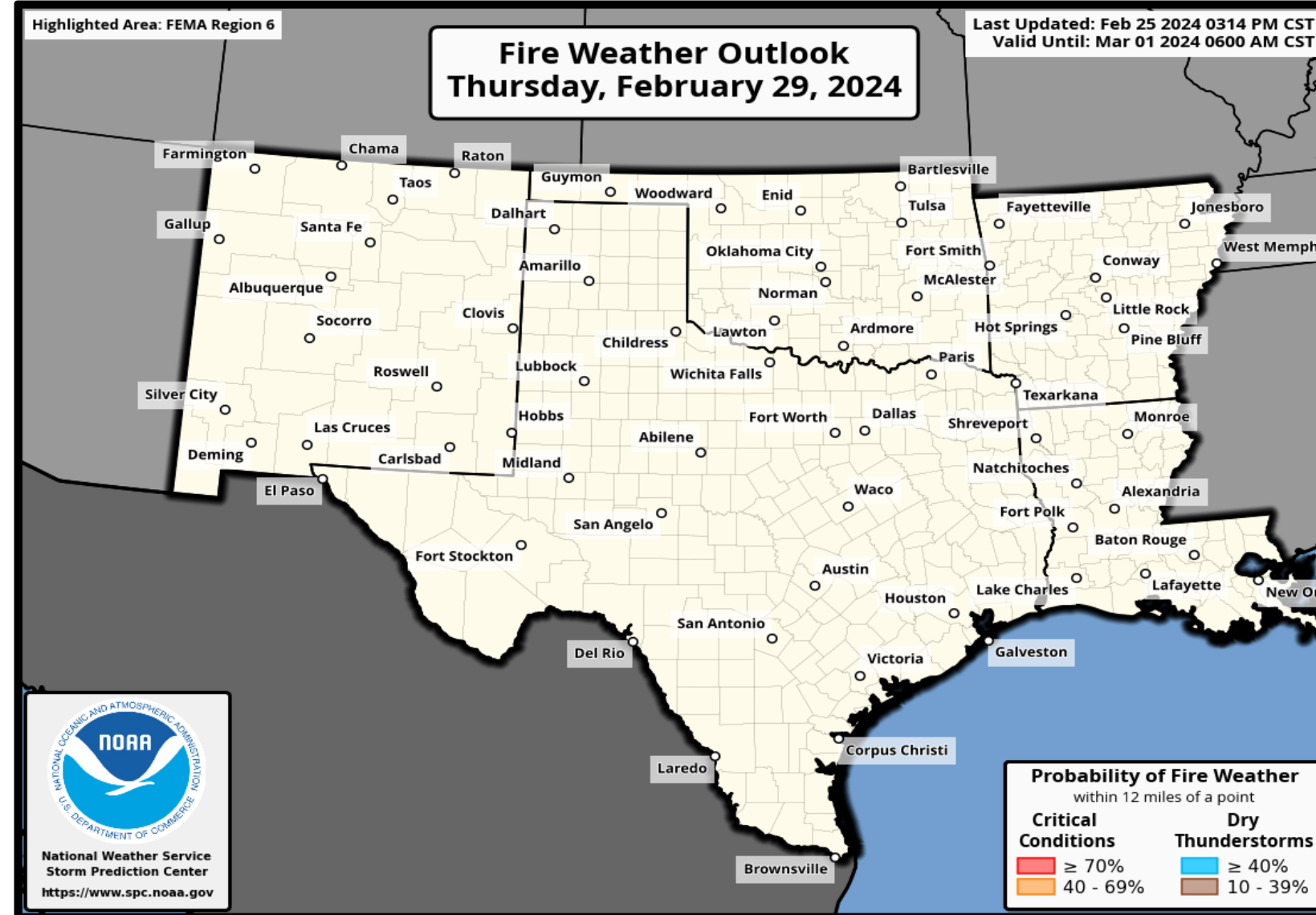
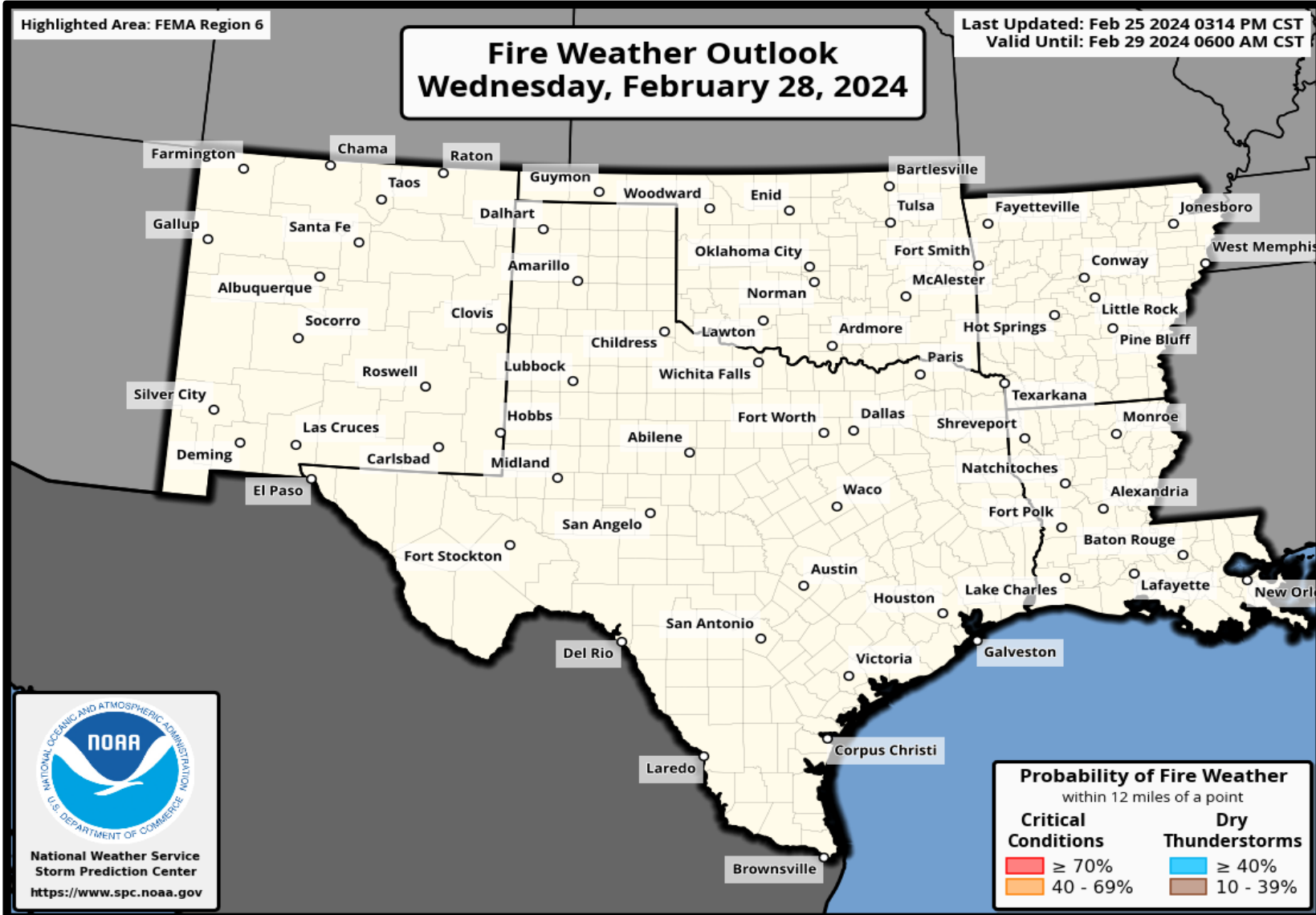
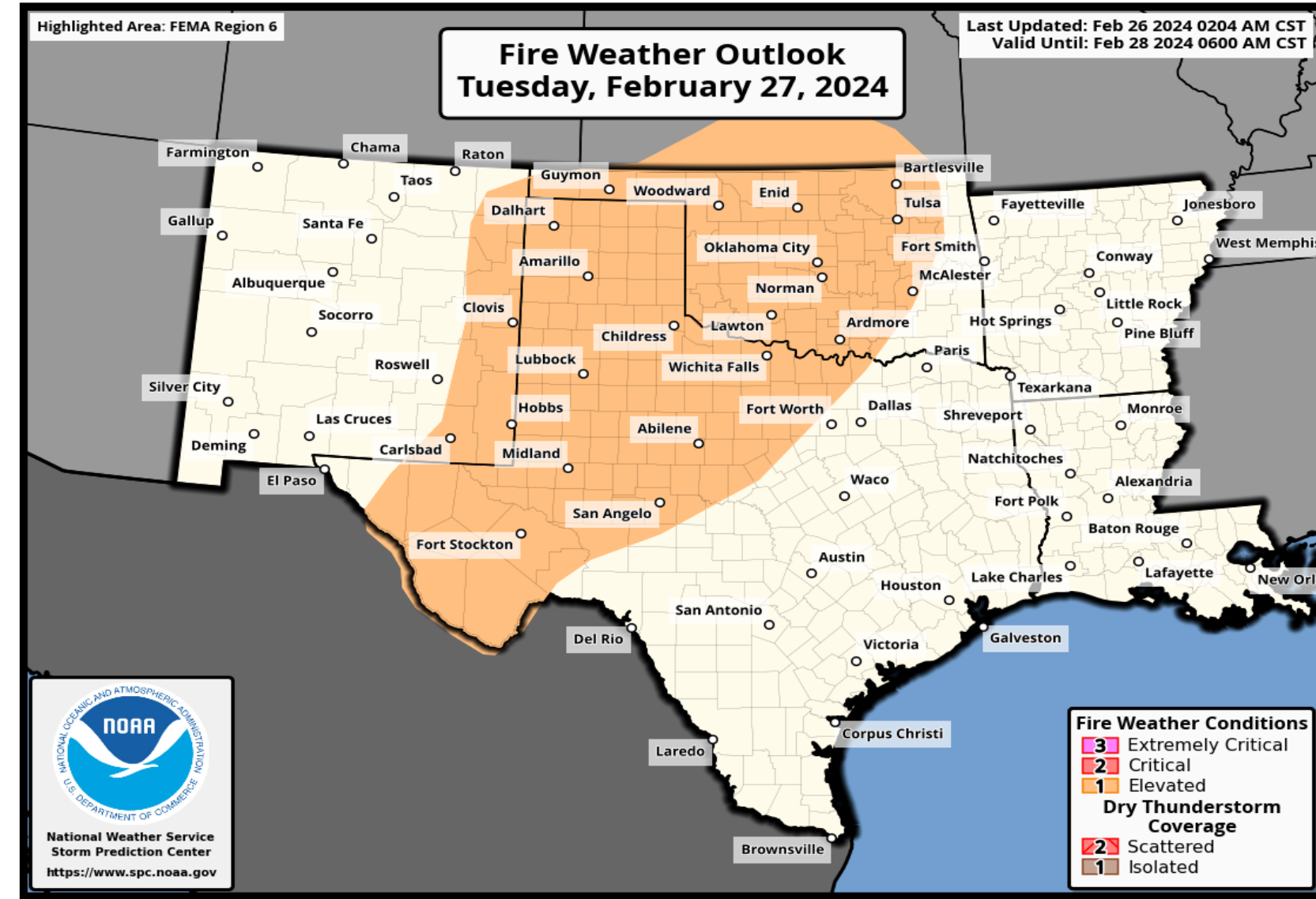
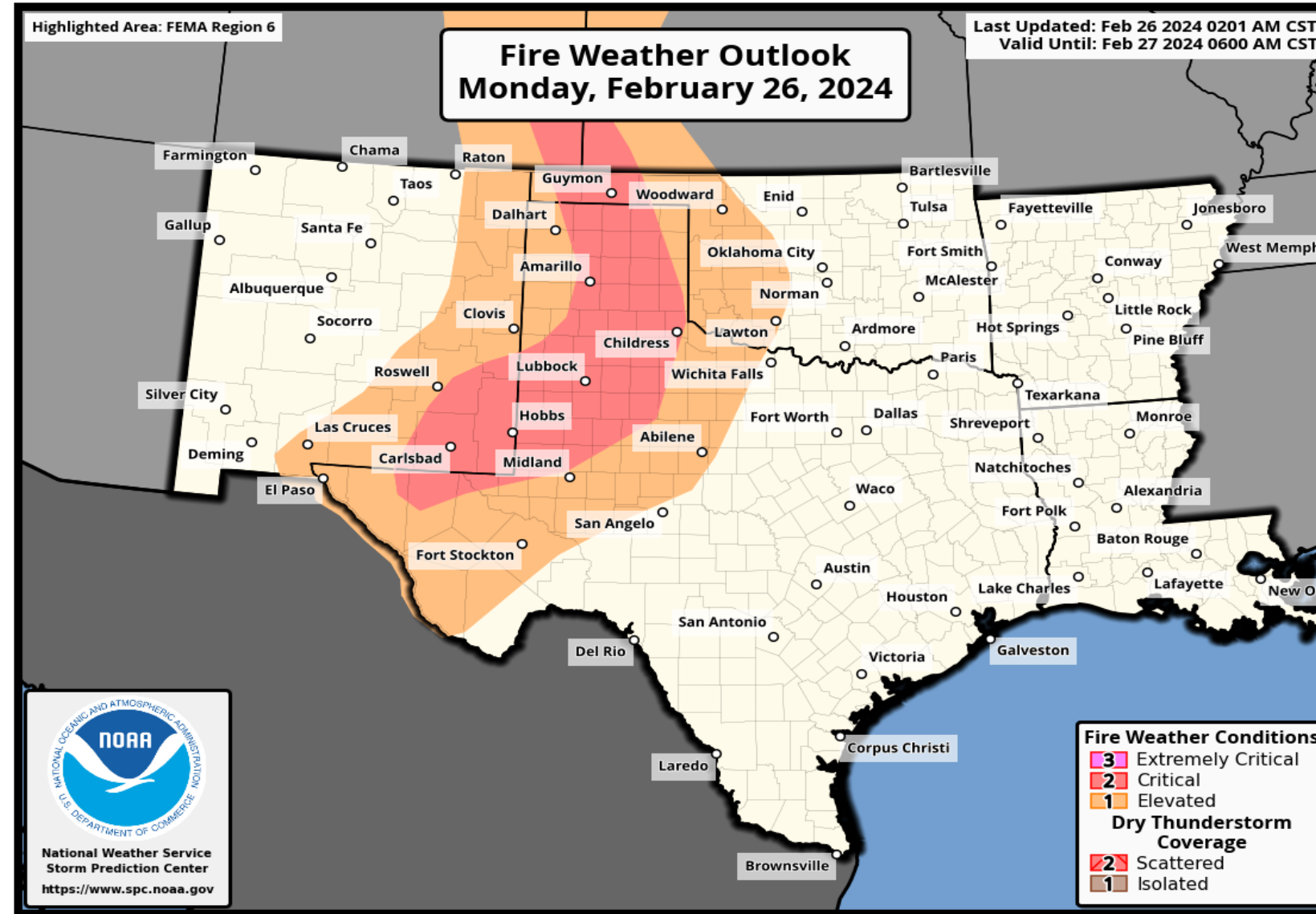
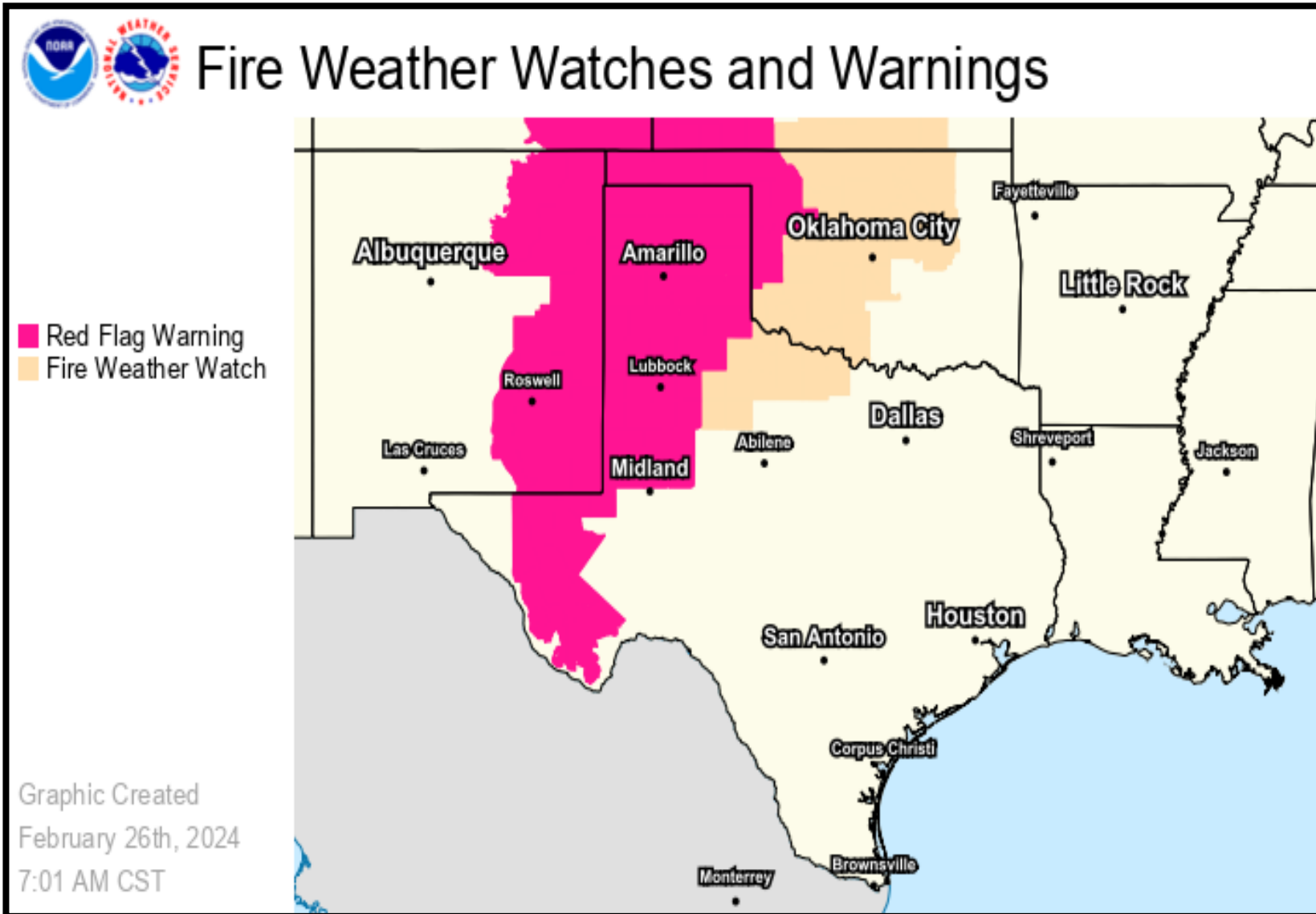


Today's Tornado & Severe Wind / Hail Probabilities





Fire Weather Outlooks

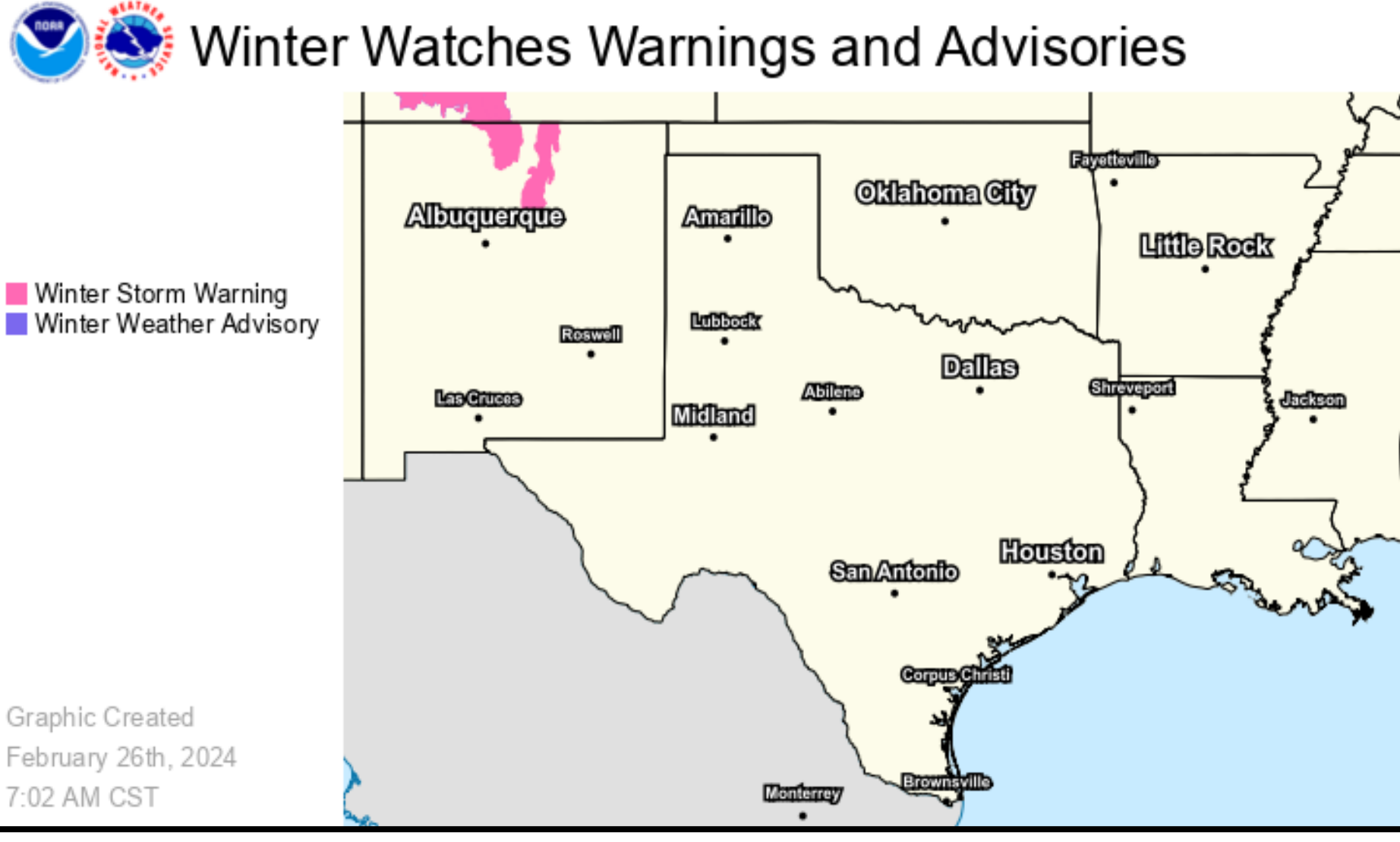
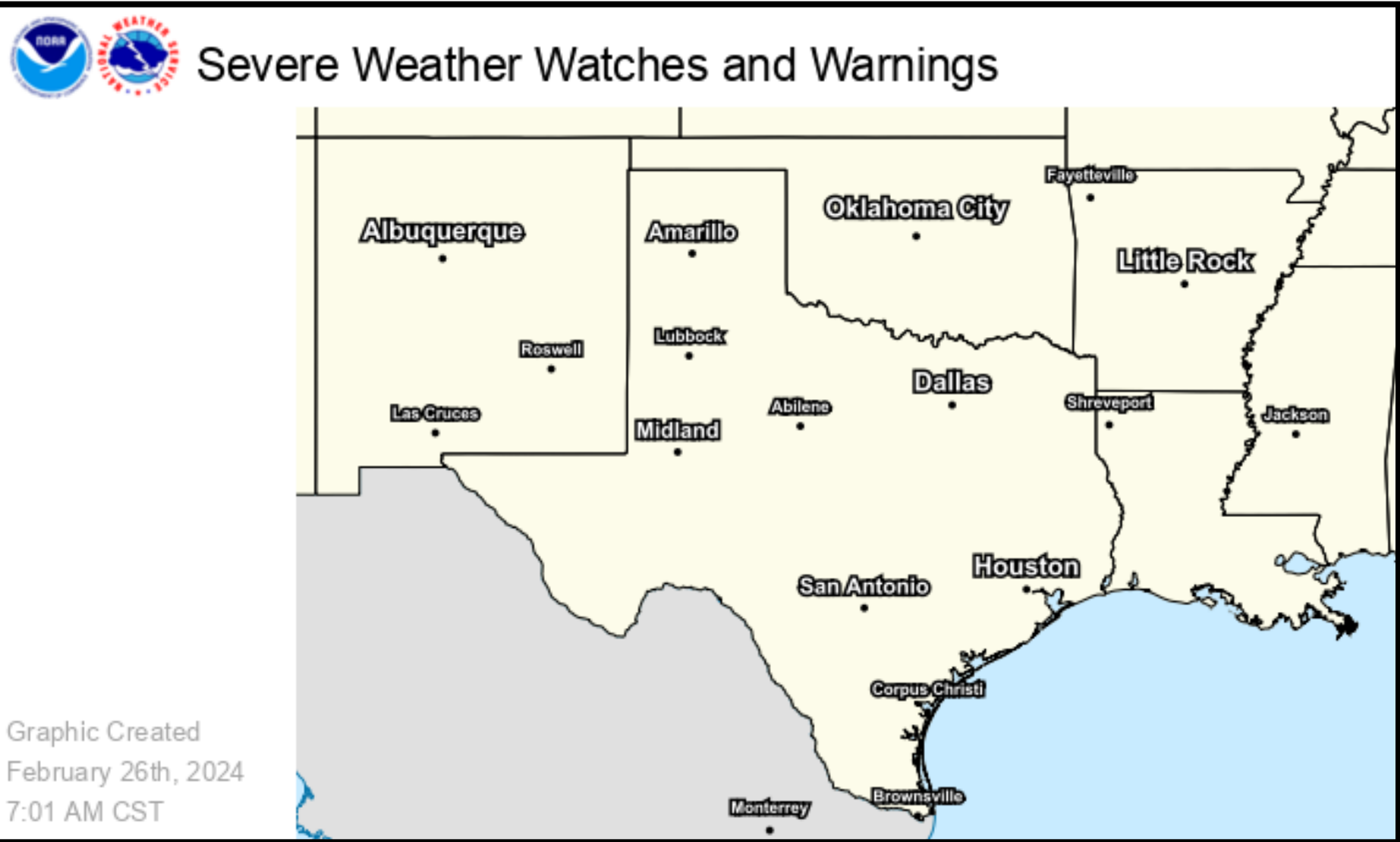
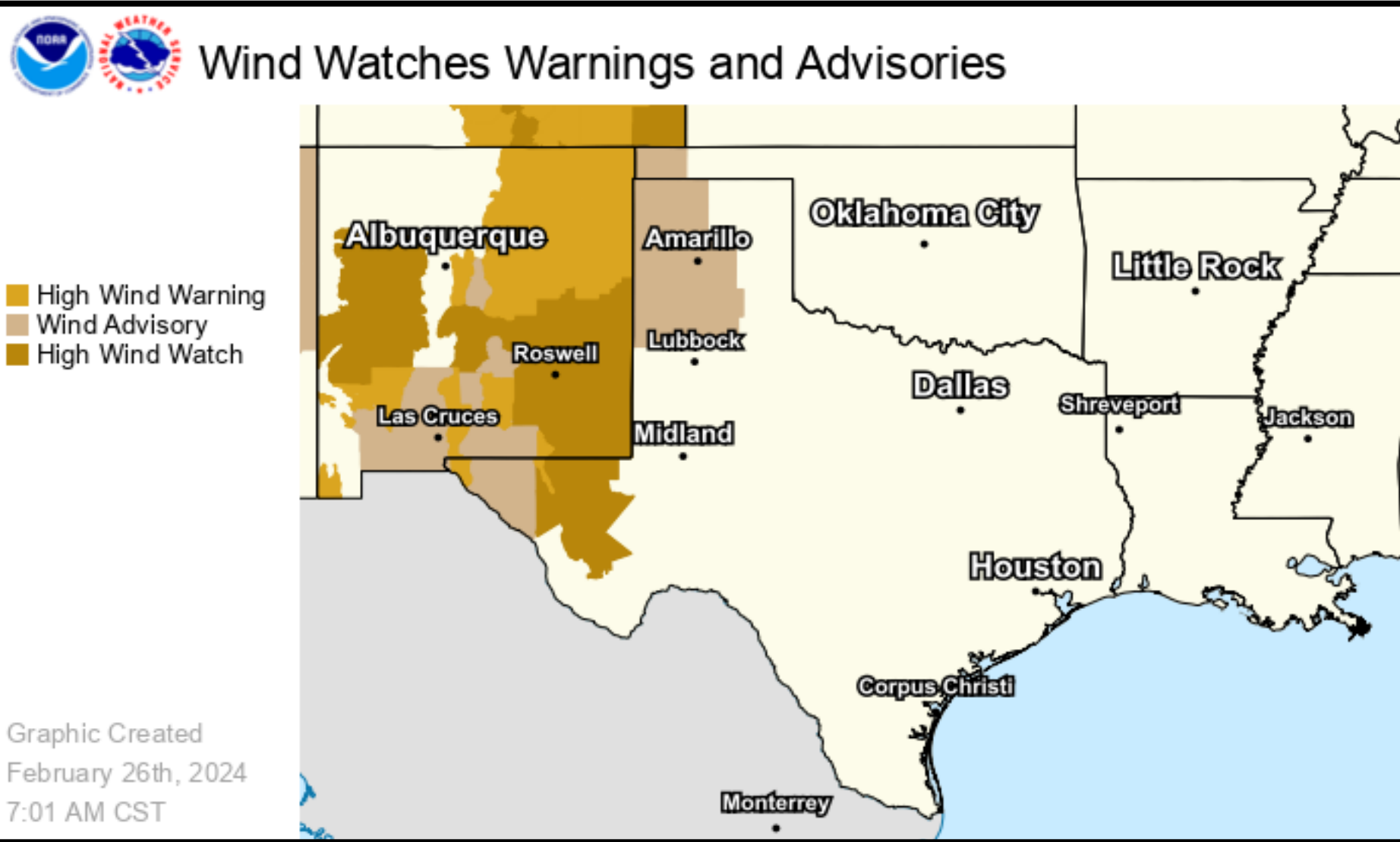




Watches, Warnings, and Advisories

Wind, Severe, Winter, and Flood Hazards

High wind warnings/advisories across NM and W TX.





Winter Weather

Monday - Wednesday

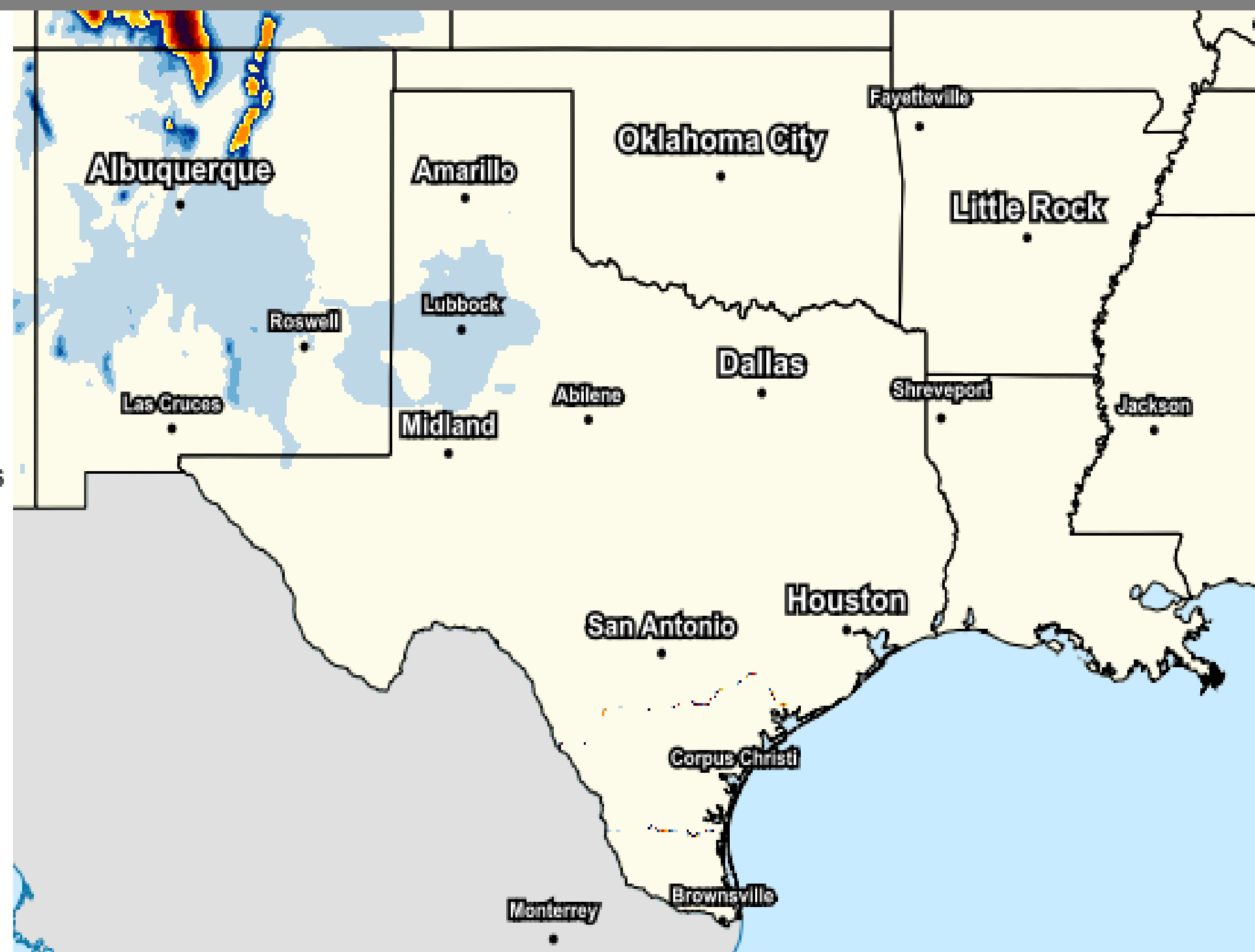
Forecast Snow Amounts



Forecast Snowfall

Valid Ending Thursday February 29th, 2024 at 6 AM CST

- Less than an inch
- 1 to 2 inches
- 2 to 3 inches
- 3 to 4 inches
- 4 to 6 inches
- 6 to 8 inches
- 8 to 12 inches
- 12 to 18 inches
- 18 to 24 inches
- 24 to 30 inches
- 30 to 36 inches
- Greater than 36 inches



Graphic Created
February 26th, 2024
6:21 AM CST

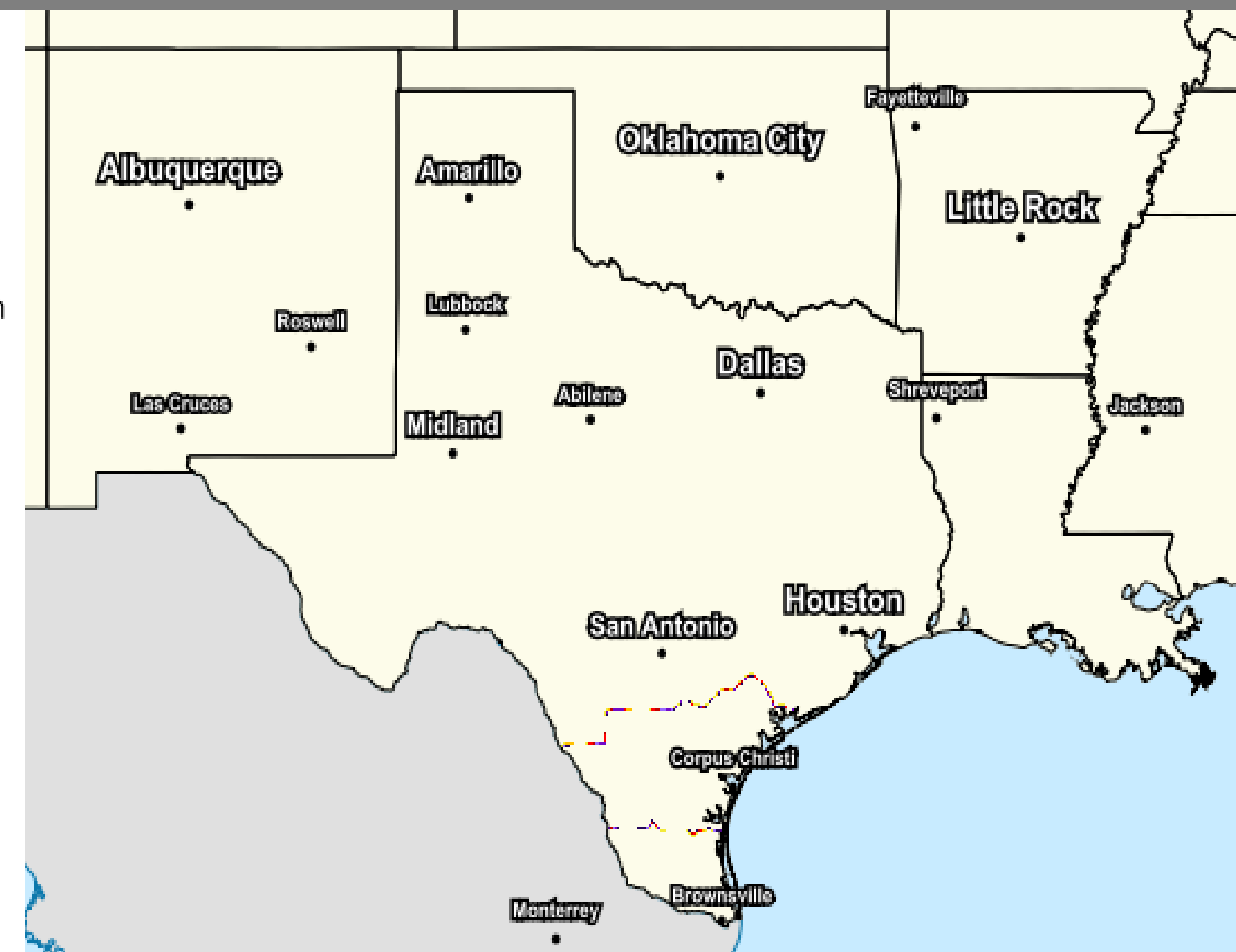
Forecast Ice Amounts



Ice Accumulation Forecast

Valid Ending Thursday February 29th, 2024 at 6 AM CST

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch

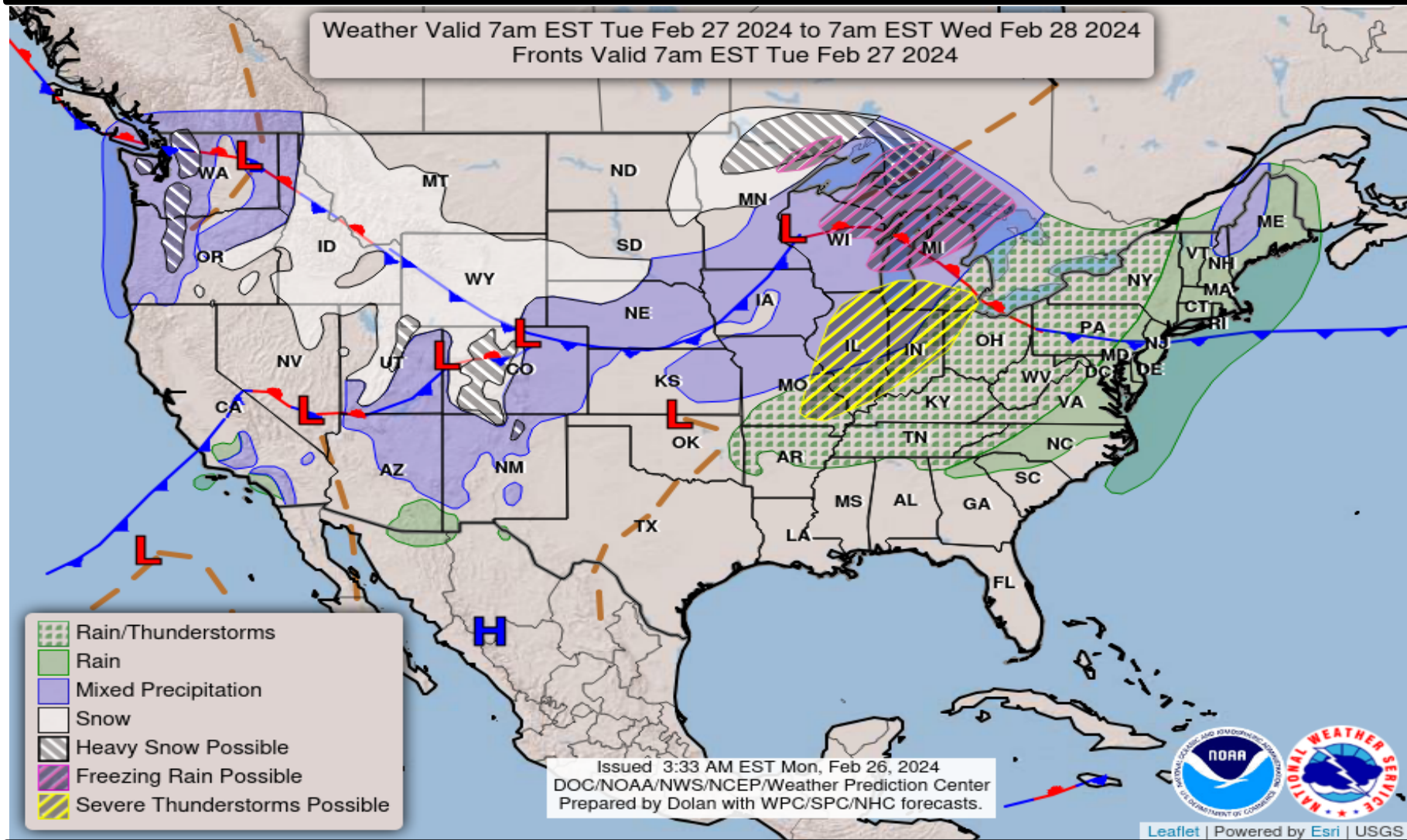


Graphic Created
February 26th, 2024
6:21 AM CST

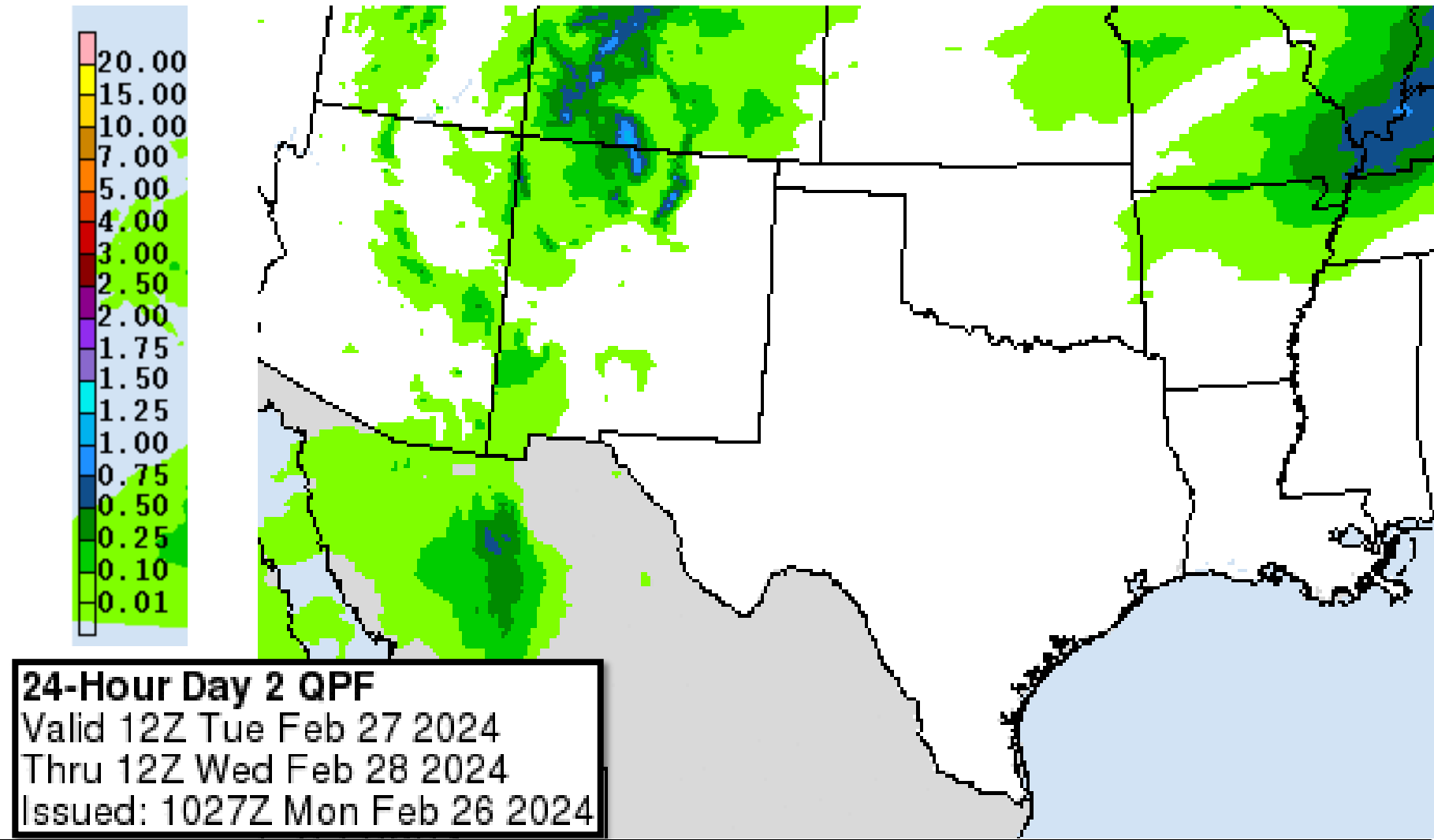


Tomorrow's Weather

Forecast Chart



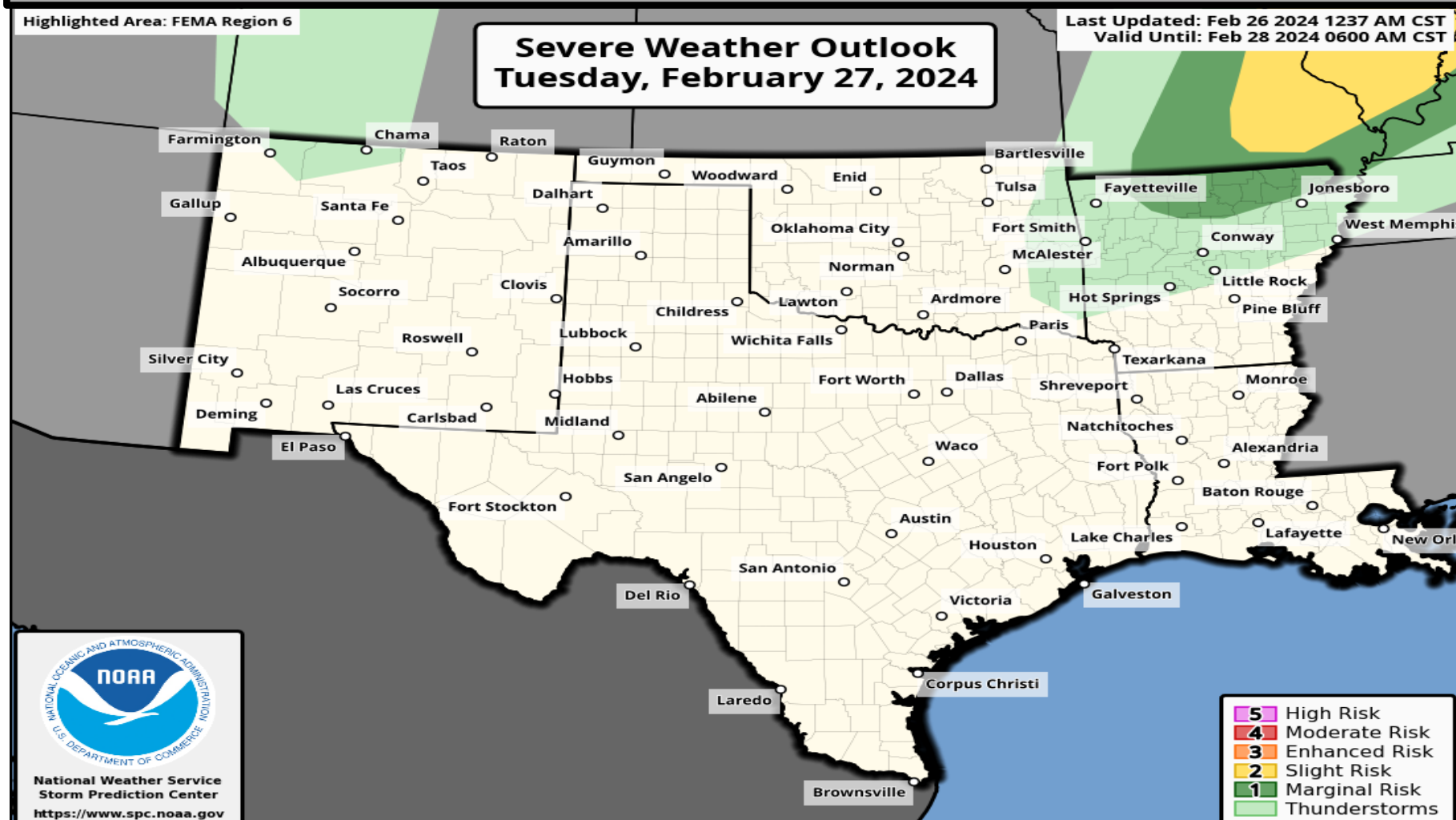
Forecast Rainfall



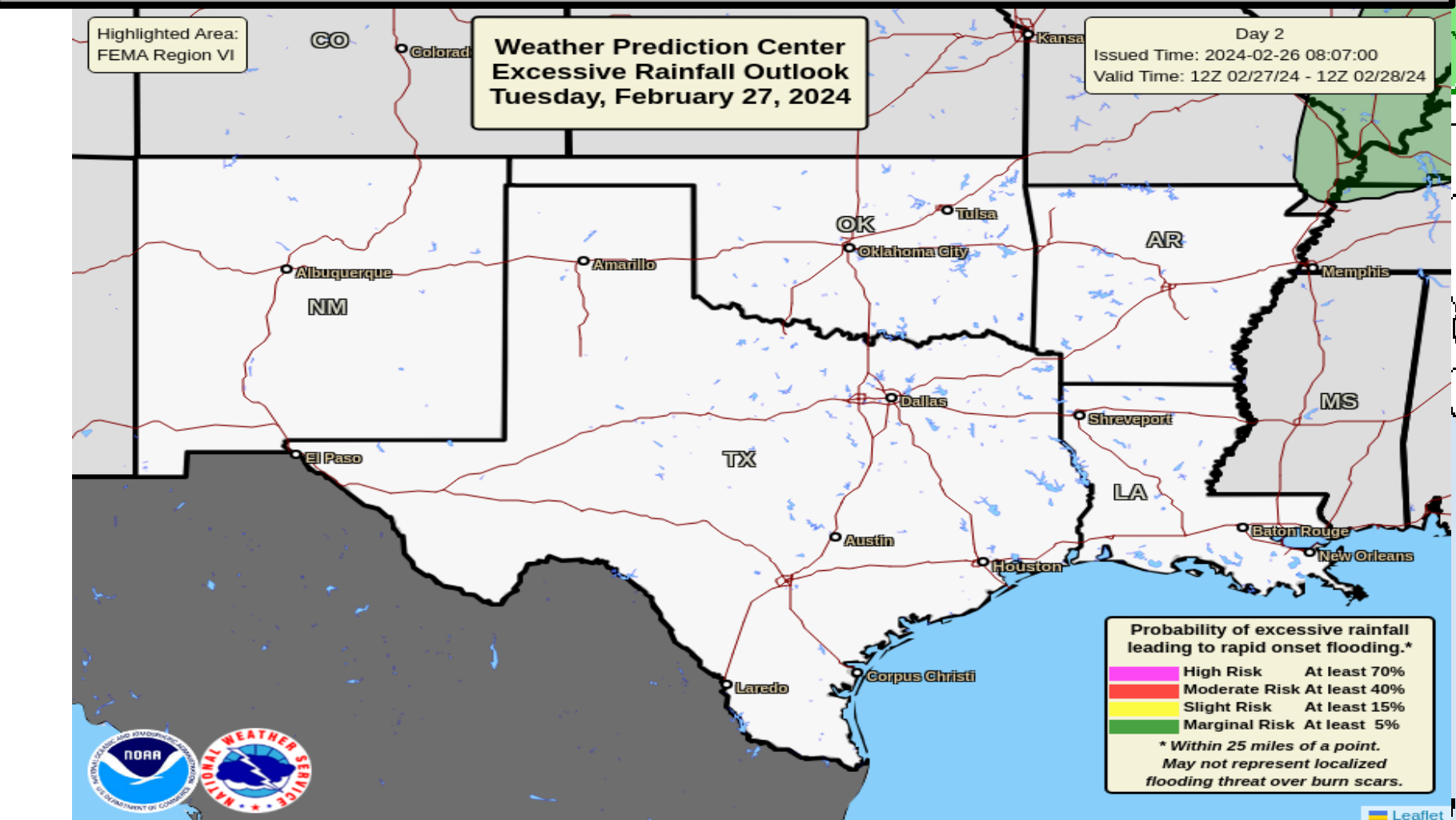
Marginal risk area for strong/severe thunderstorms across NE AR.

Elevated/critical fire weather conditions across E NM, W TX and W OK.

Severe Weather Outlook

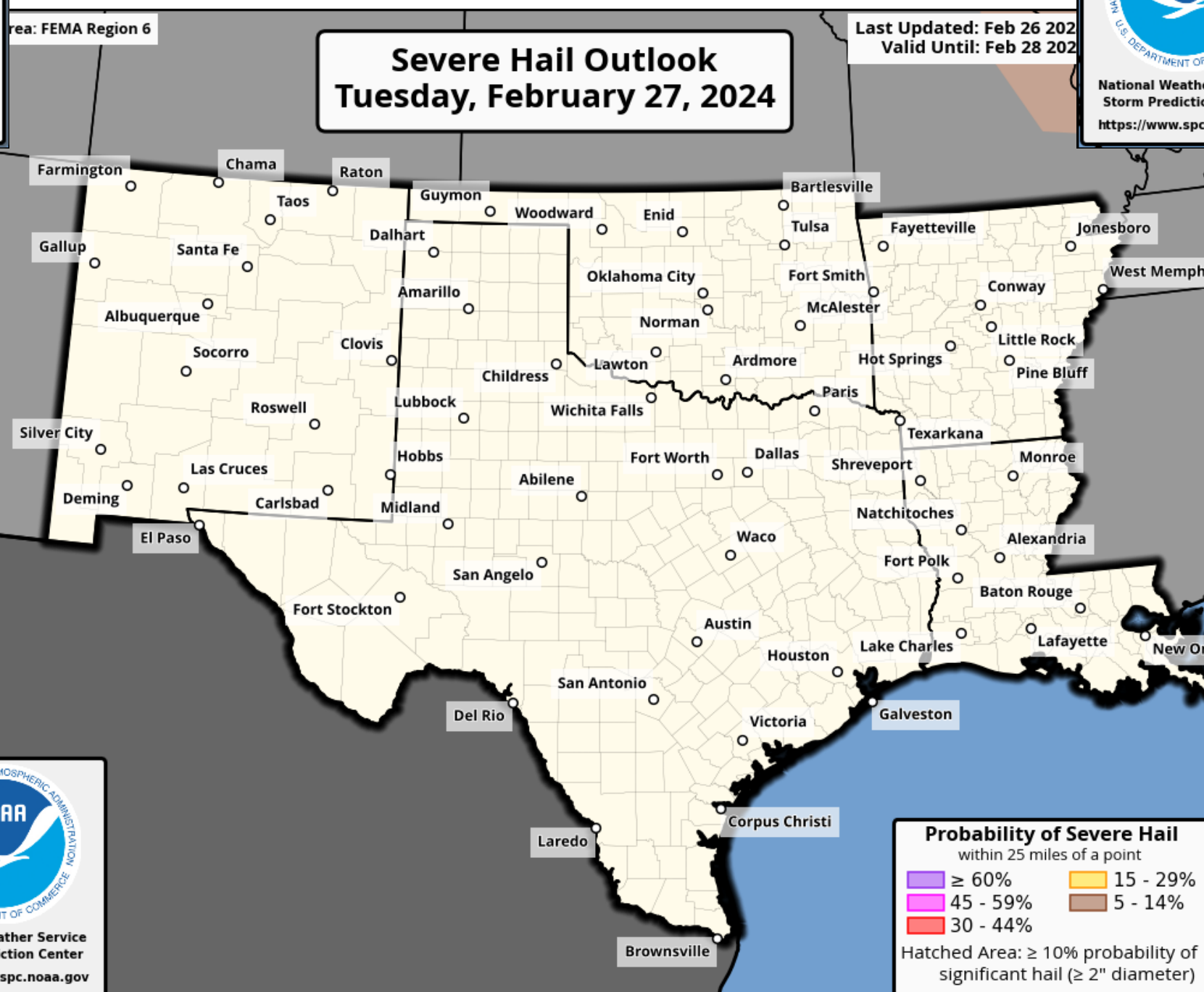
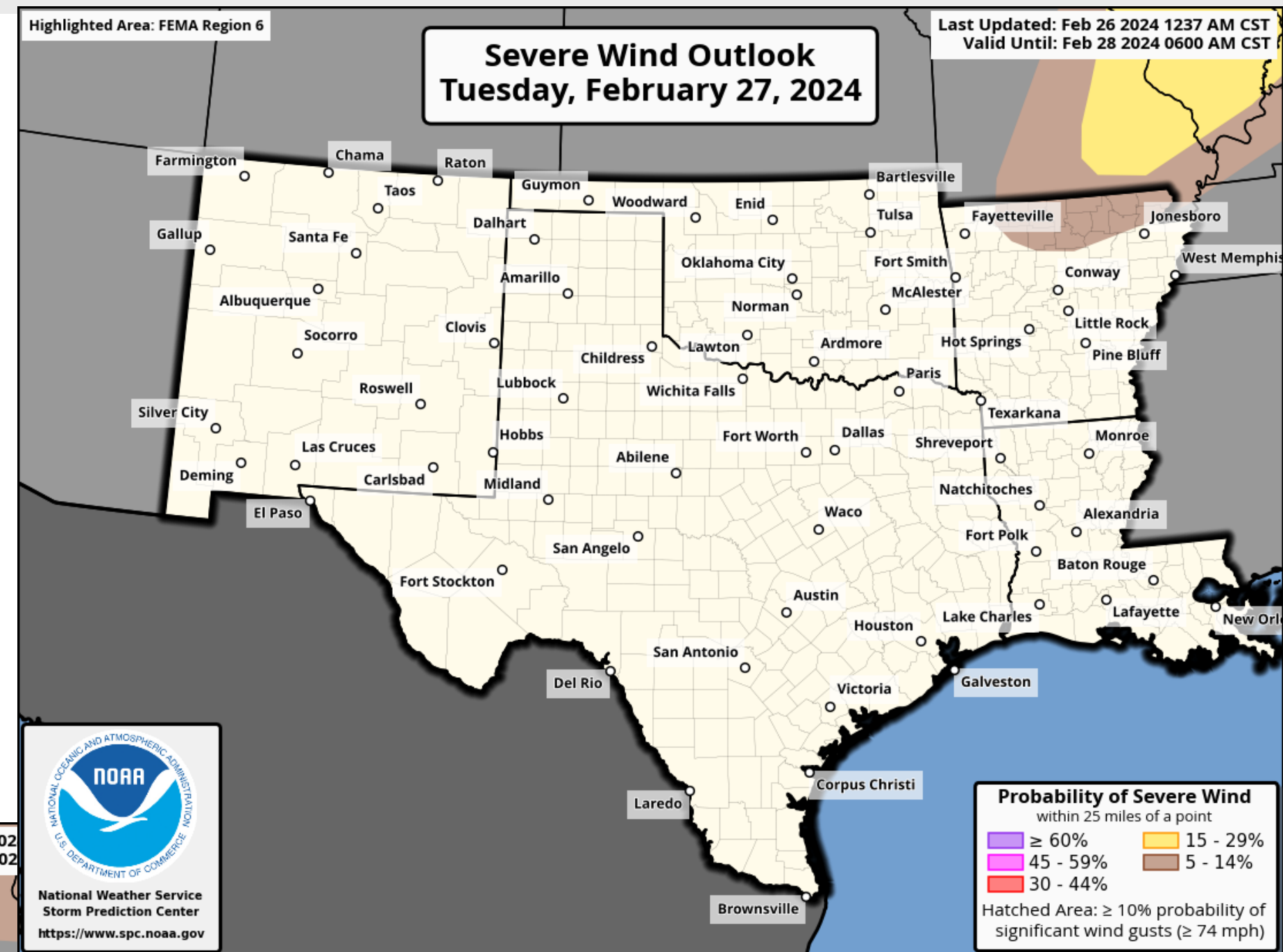
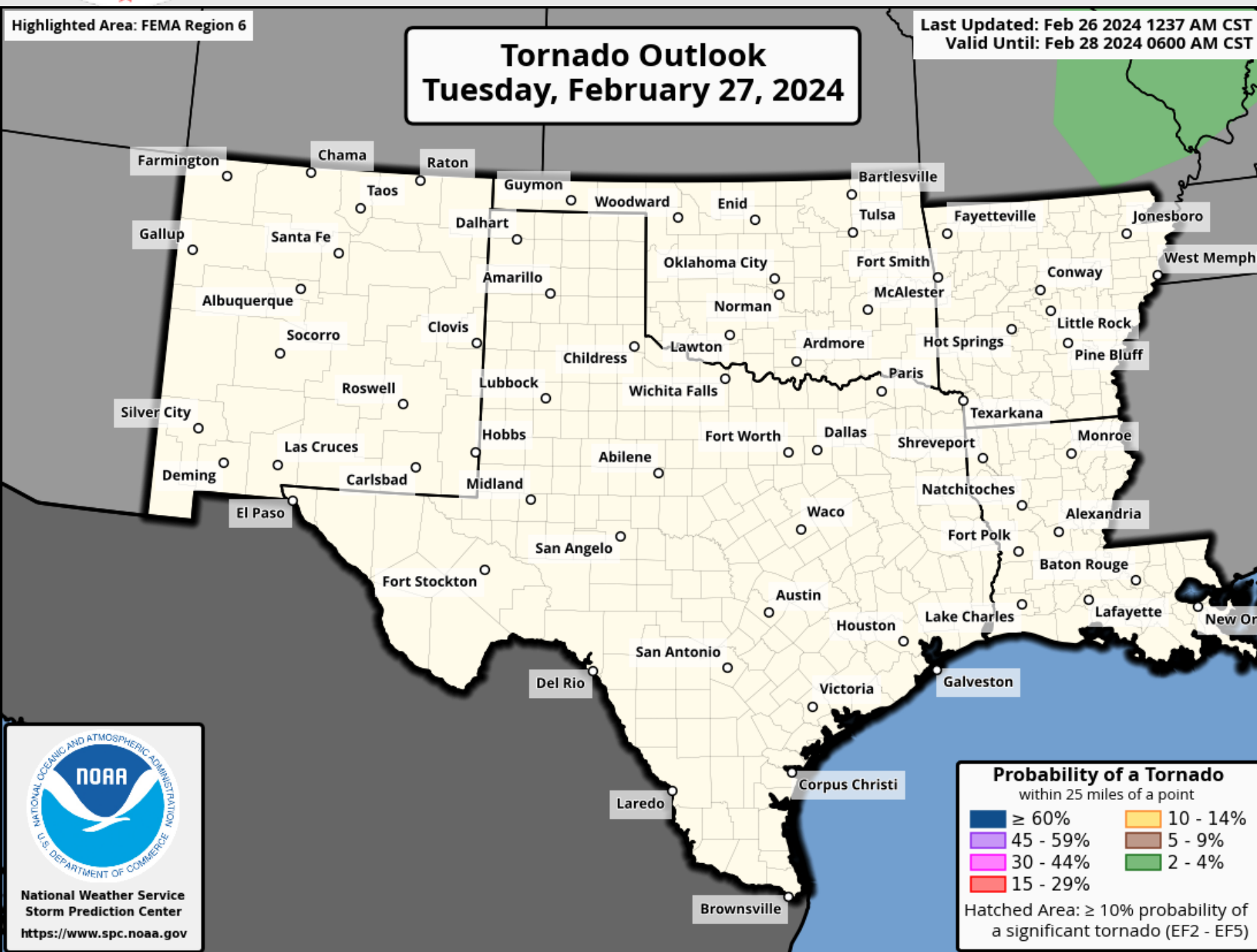


Excessive Rainfall Outlook





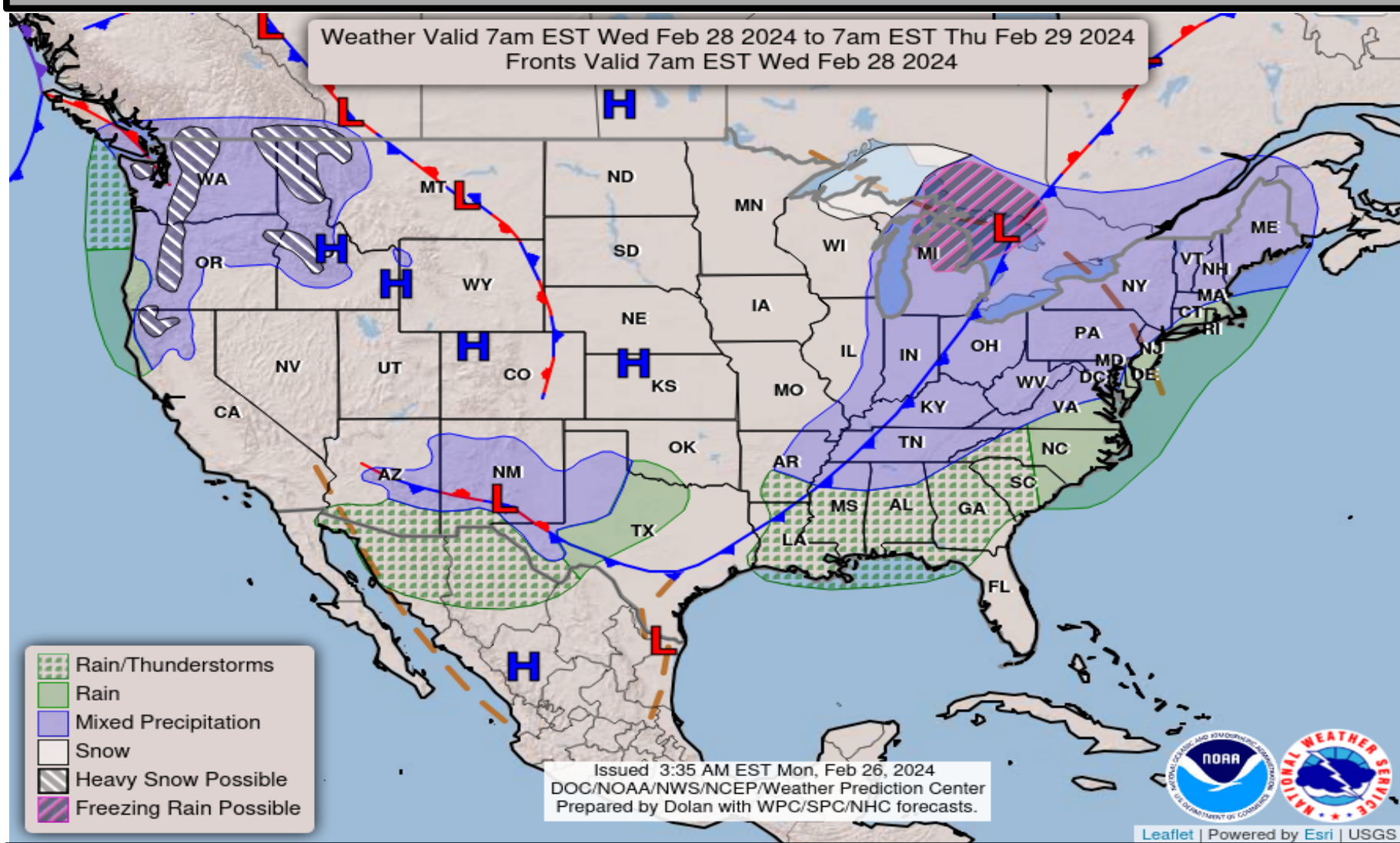
Tomorrow's Tornado & Severe Wind / Hail Probabilities



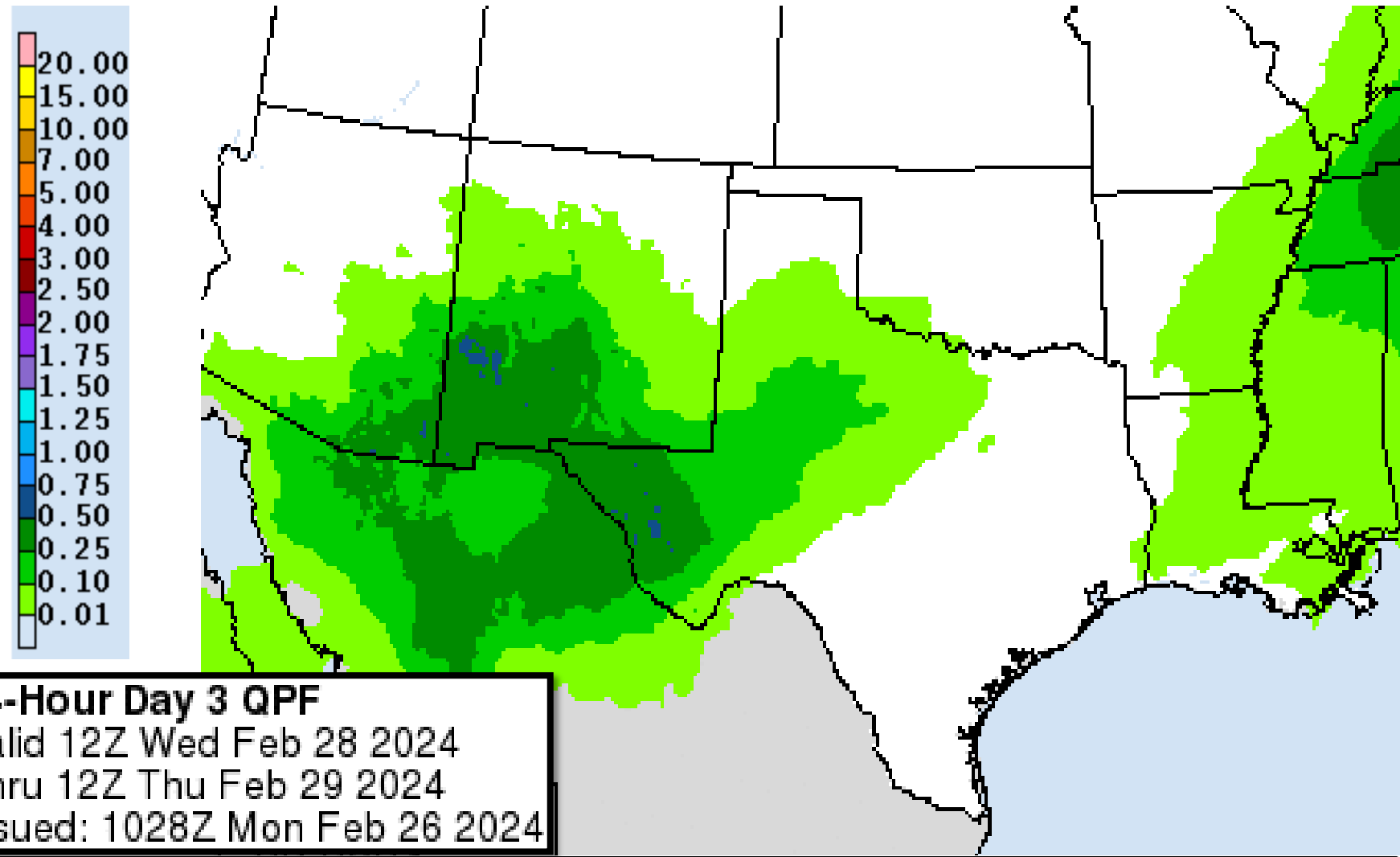


Wednesday's Weather

Forecast Chart

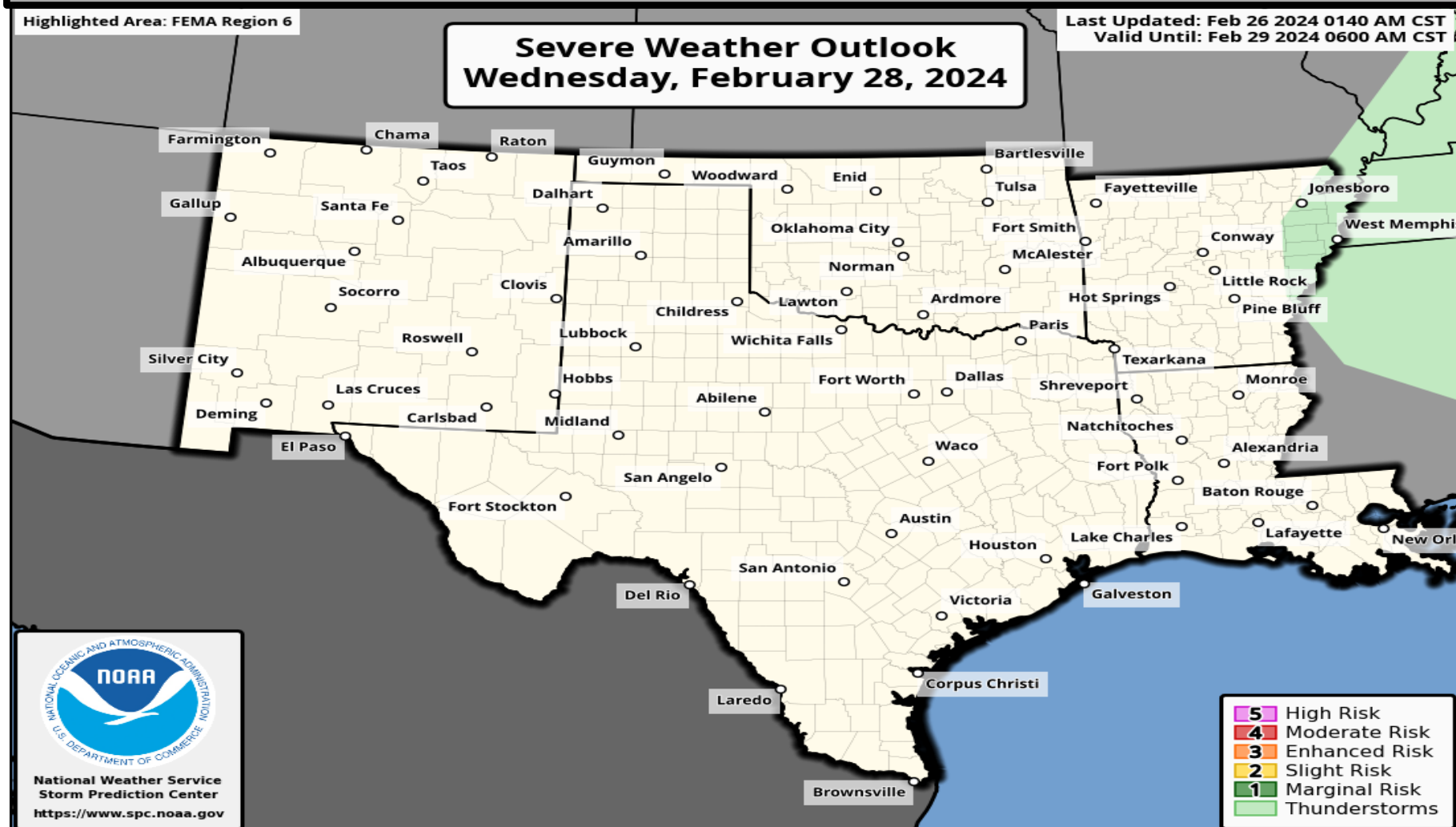


Forecast Rainfall

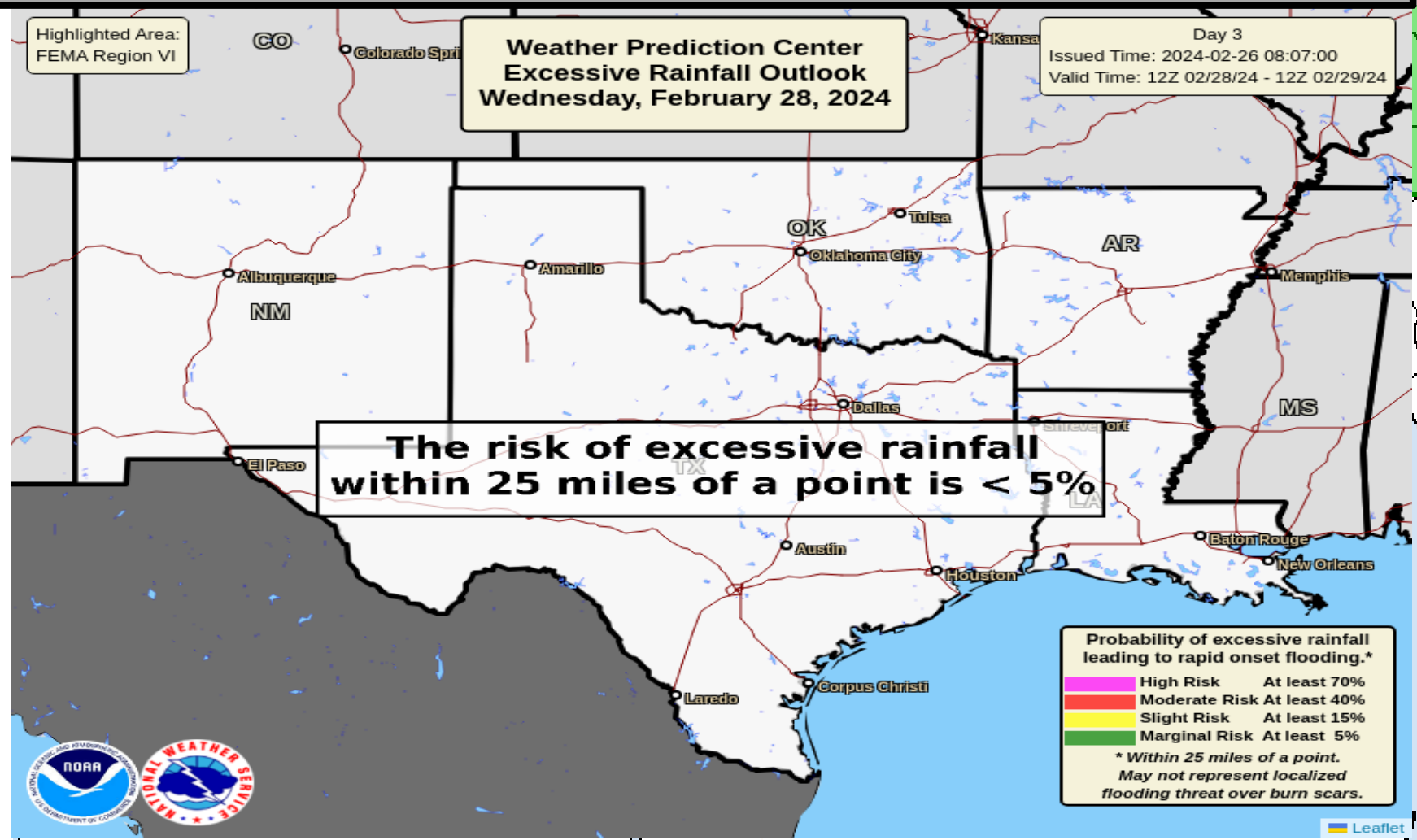


No significant weather expected.

Severe Weather Outlook



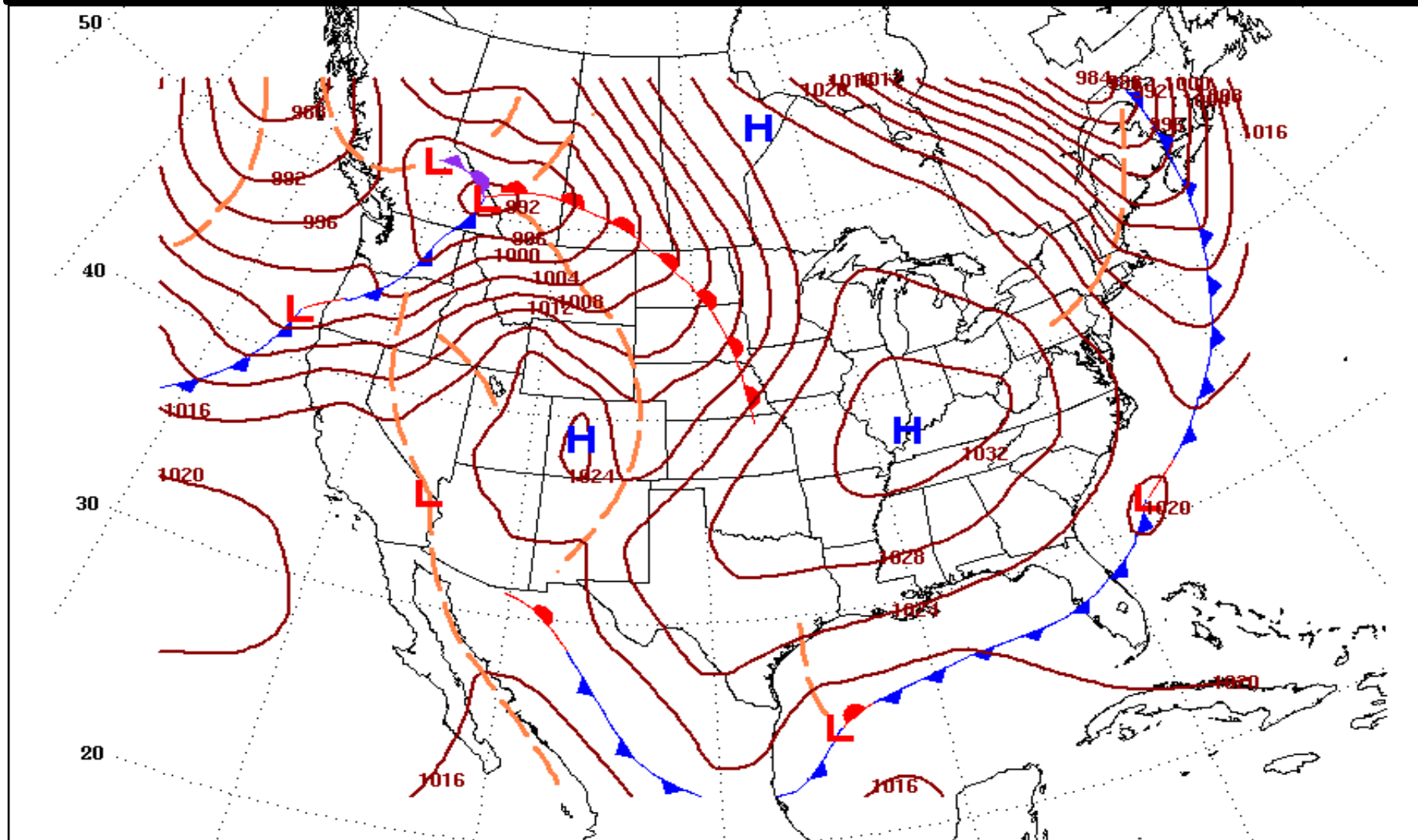
Excessive Rainfall Outlook



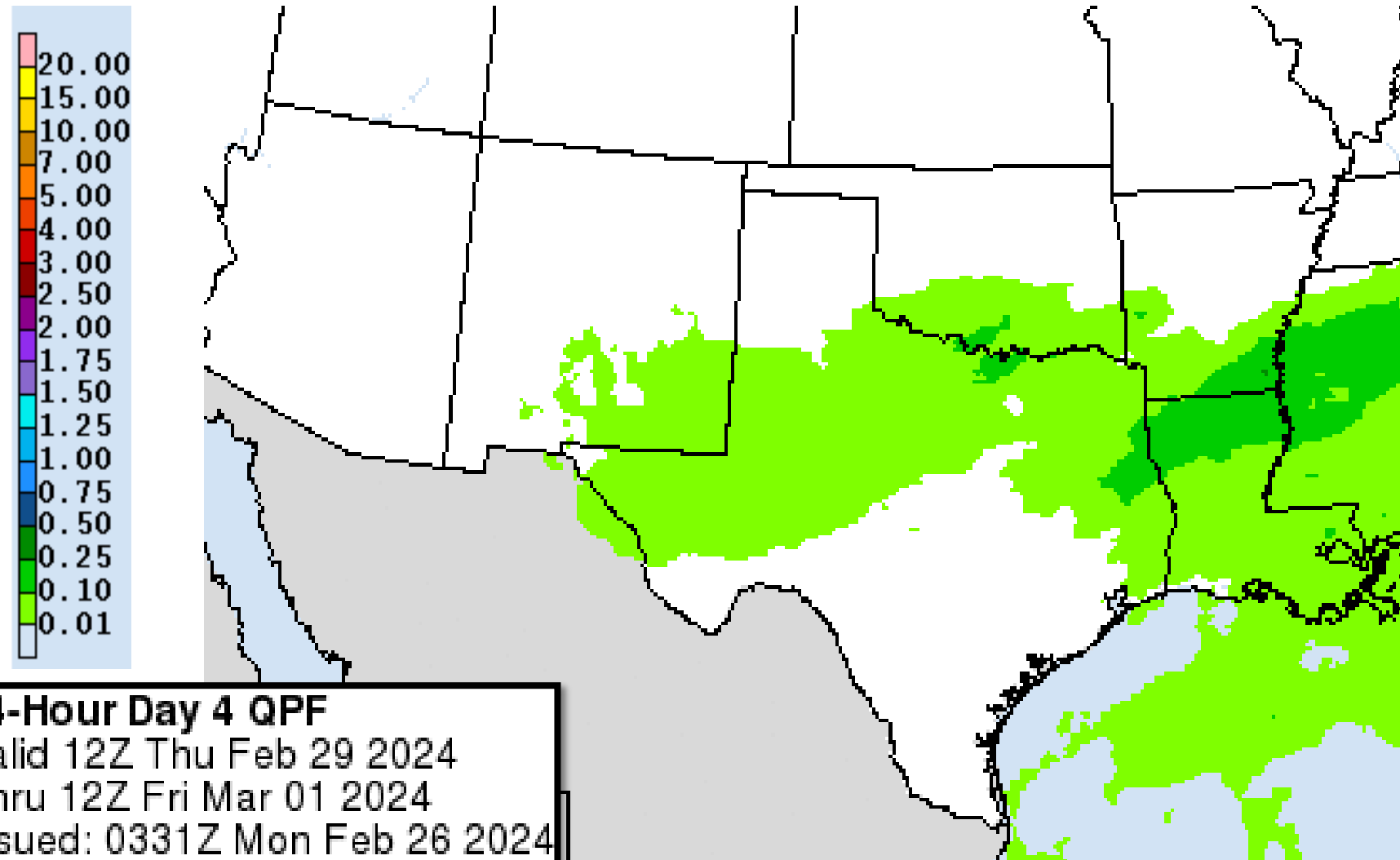


Thursday's Weather

Forecast Chart



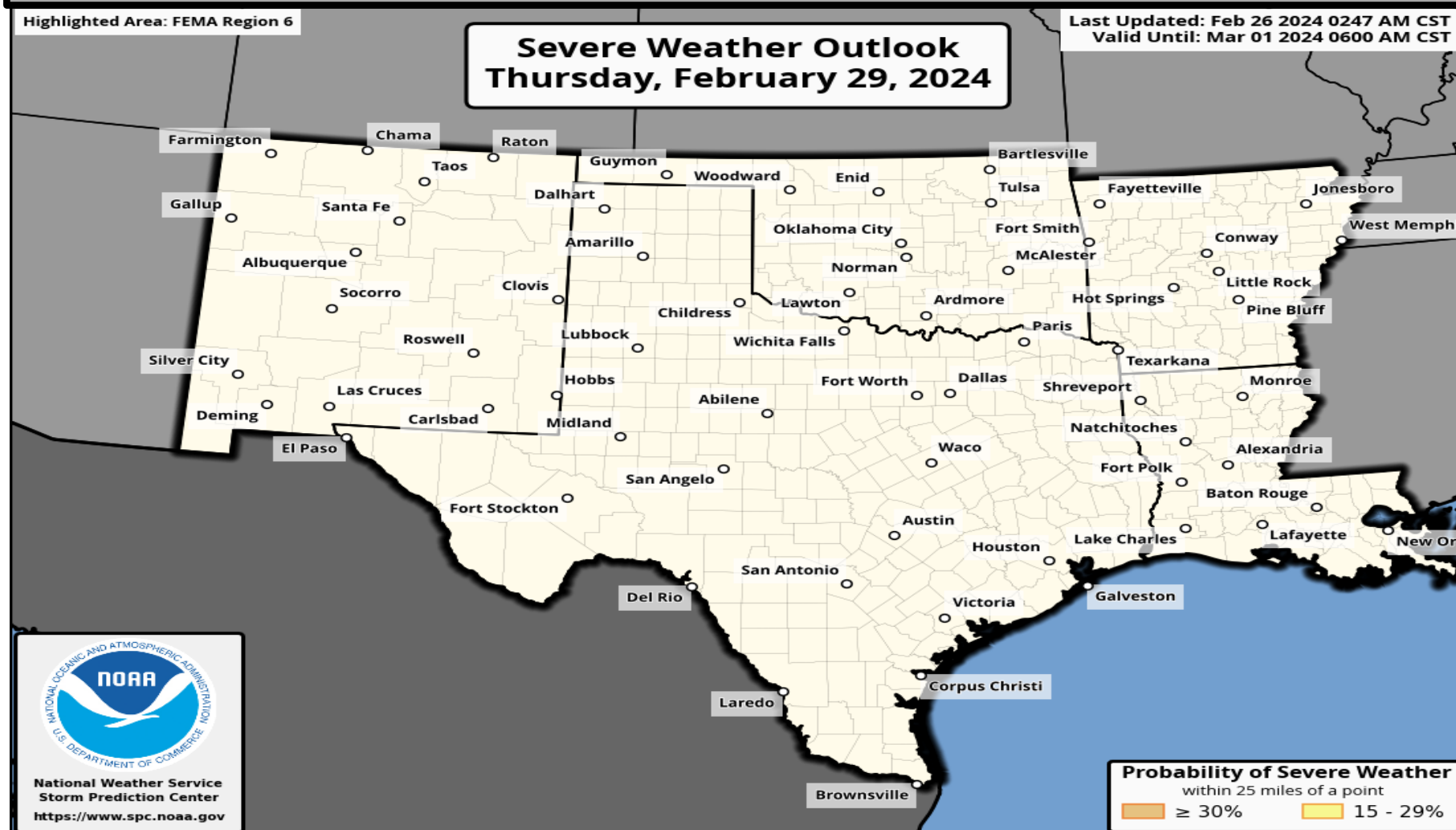
Forecast Rainfall



No significant weather expected.

24-Hour Day 4 QPF
Valid 12Z Thu Feb 29 2024
Thru 12Z Fri Mar 01 2024
Issued: 0331Z Mon Feb 26 2024

Severe Weather Outlook

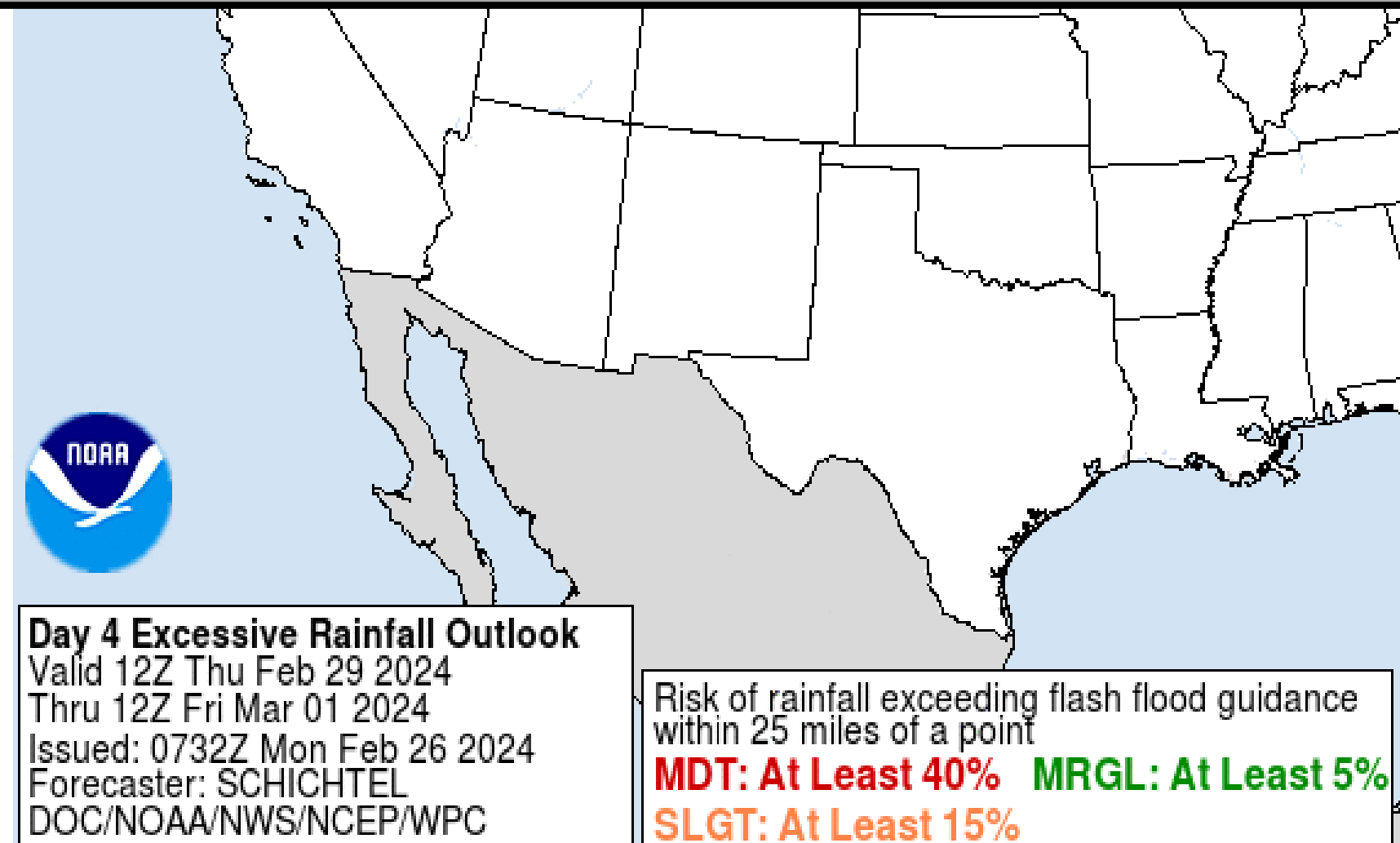


Severe Weather Outlook
Thursday, February 29, 2024

Last Updated: Feb 26 2024 0247 AM CST
Valid Until: Mar 01 2024 0600 AM CST

Probability of Severe Weather
within 25 miles of a point
≥ 30% 15 - 29%

Excessive Rainfall Outlook



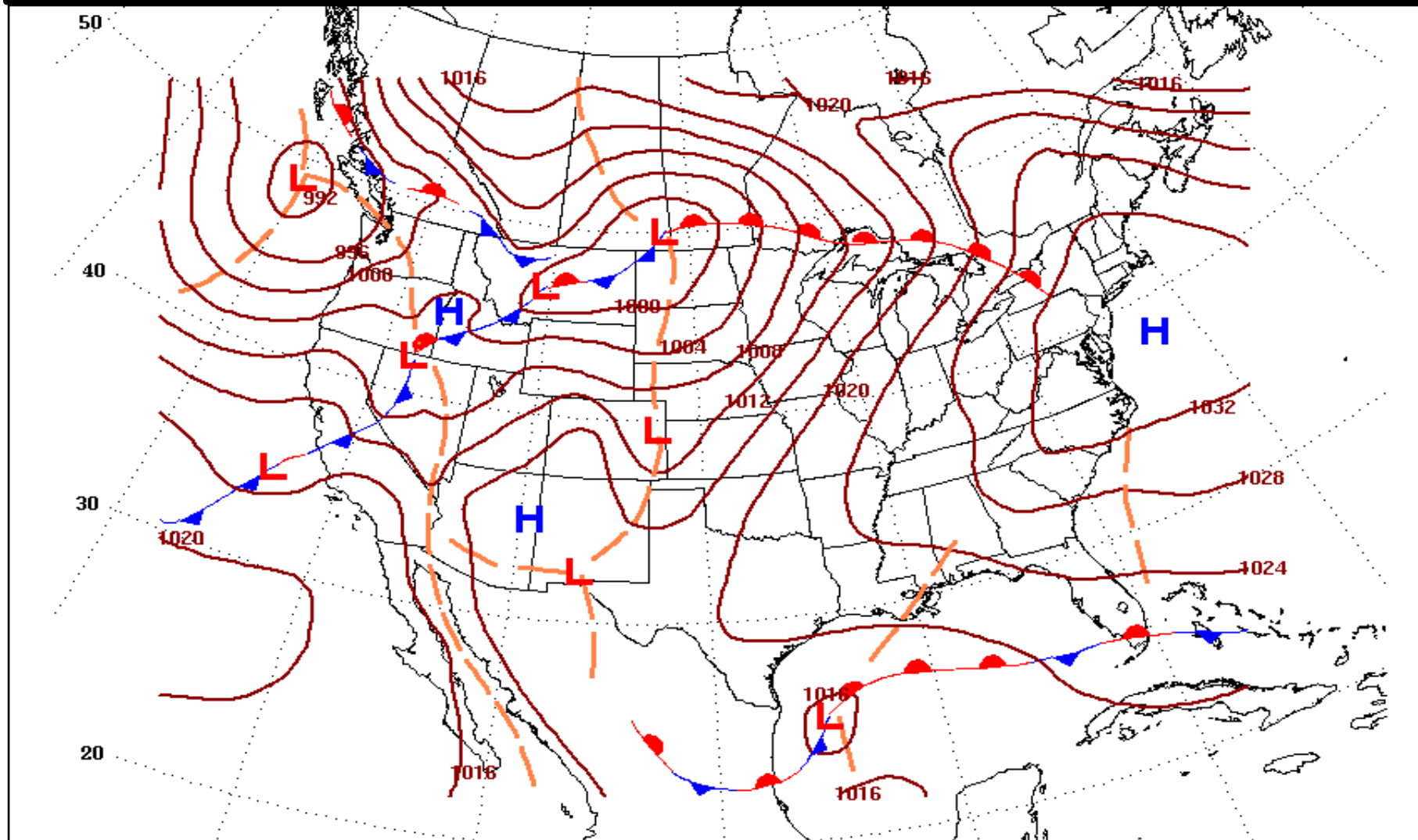
Day 4 Excessive Rainfall Outlook
Valid 12Z Thu Feb 29 2024
Thru 12Z Fri Mar 01 2024
Issued: 0732Z Mon Feb 26 2024
Forecaster: SCHICHTEL
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance
within 25 miles of a point
MDT: At Least 40% MRGL: At Least 5%
SLGT: At Least 15%

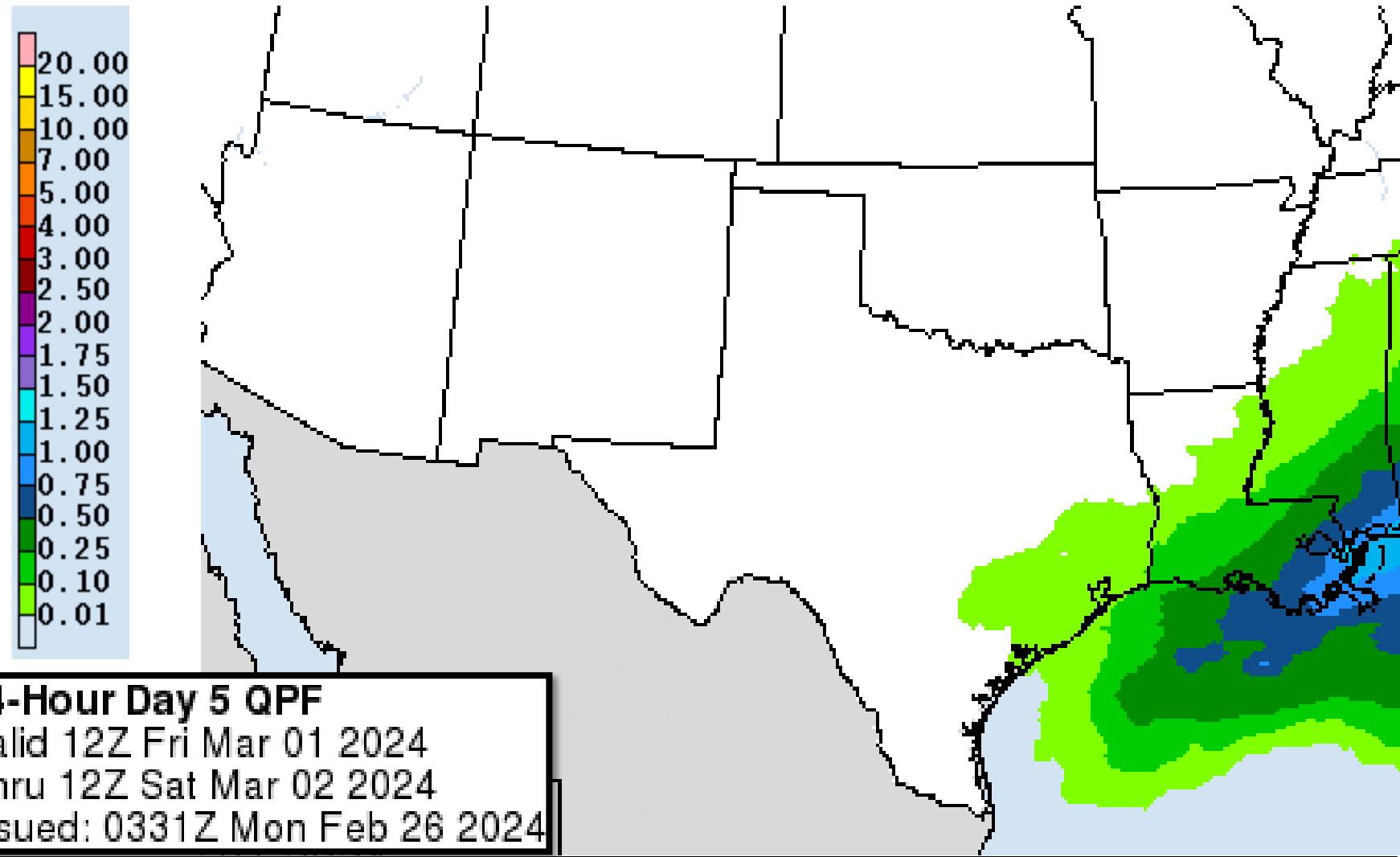


Friday's Weather

Forecast Chart



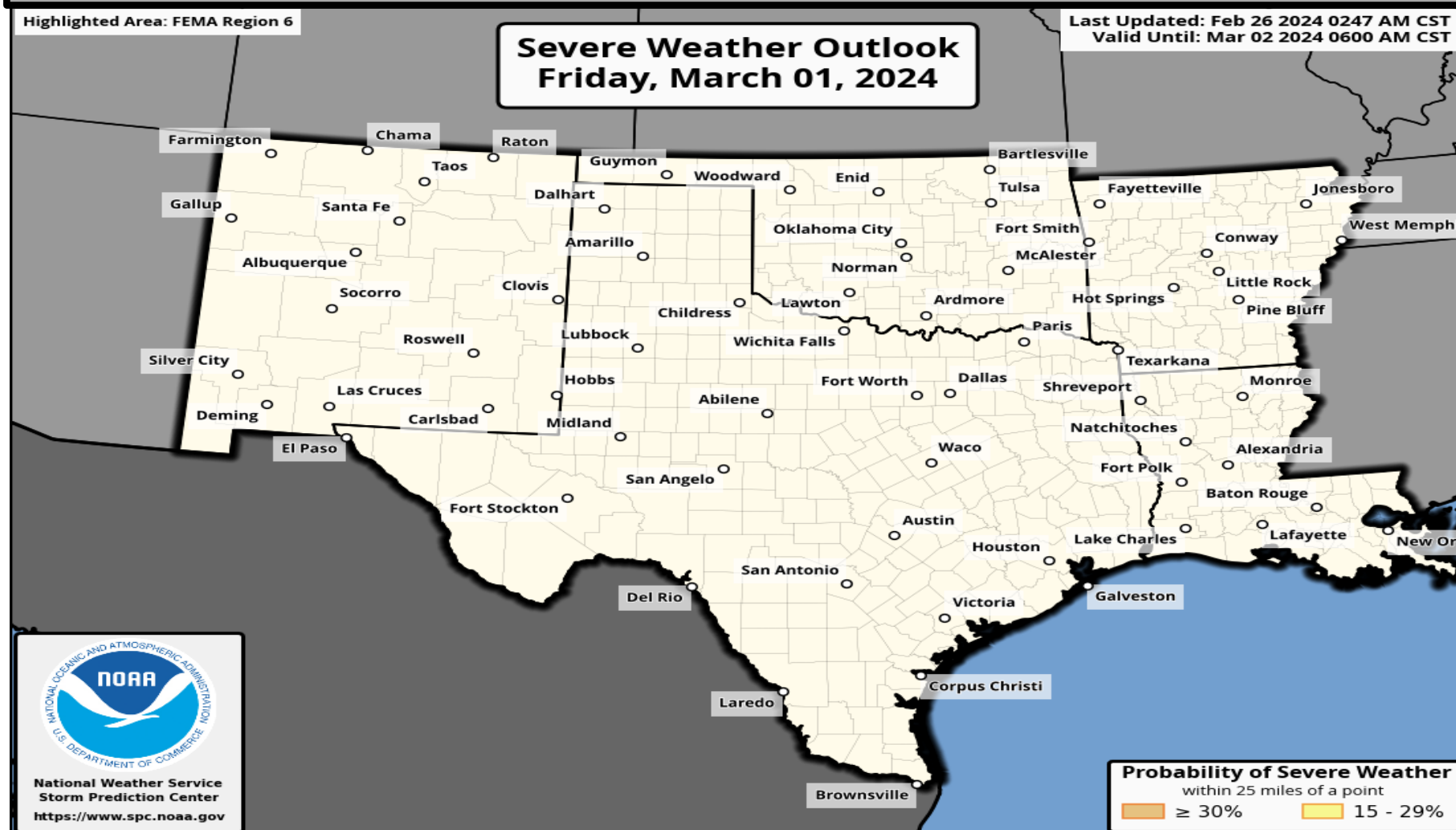
Forecast Rainfall



No significant weather expected.

24-Hour Day 5 QPF
Valid 12Z Fri Mar 01 2024
Thru 12Z Sat Mar 02 2024
Issued: 0331Z Mon Feb 26 2024

Severe Weather Outlook



Highlighted Area: FEMA Region 6

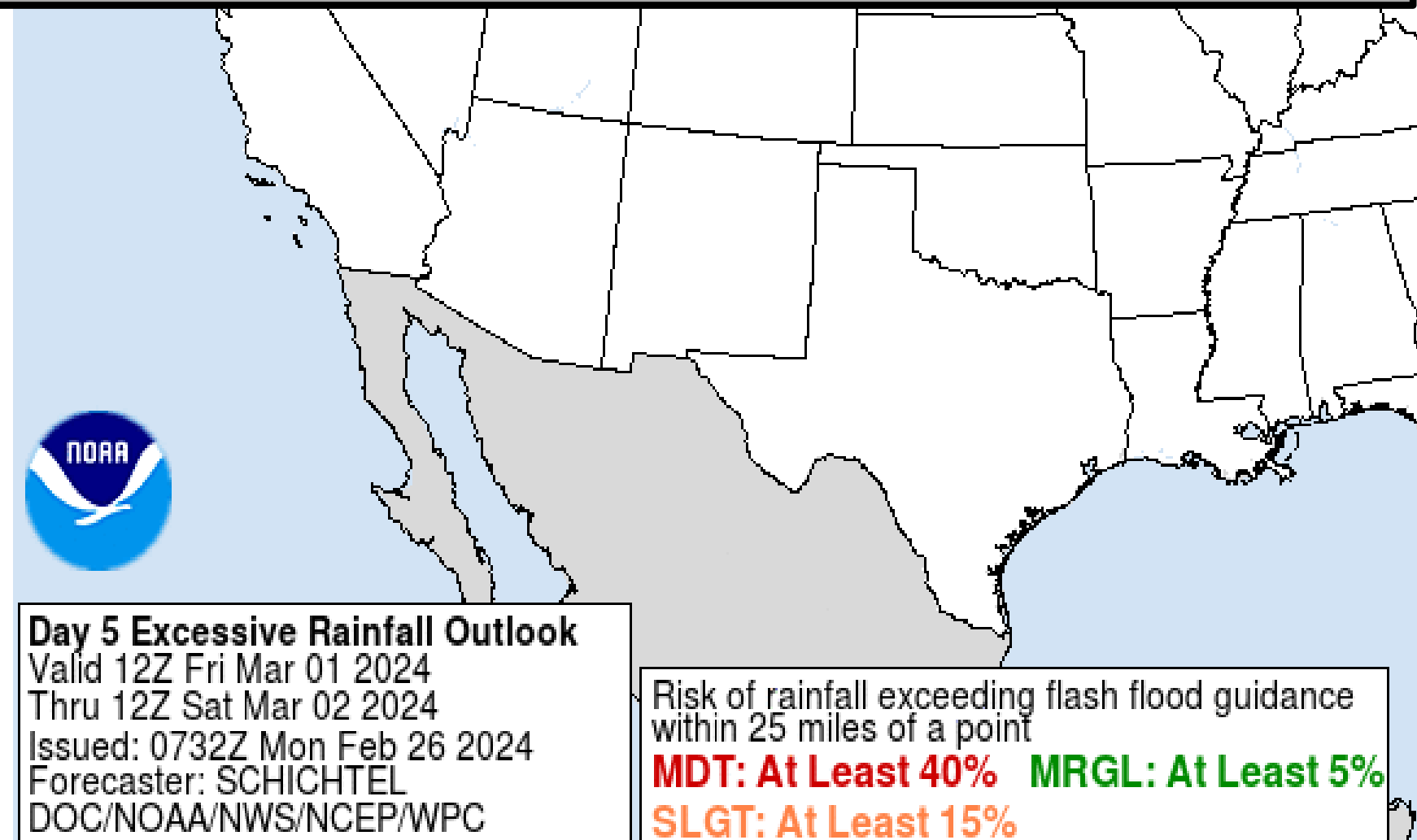
Severe Weather Outlook
Friday, March 01, 2024

Last Updated: Feb 26 2024 0247 AM CST
Valid Until: Mar 02 2024 0600 AM CST



Probability of Severe Weather
within 25 miles of a point
≥ 30% 15 - 29%

Excessive Rainfall Outlook



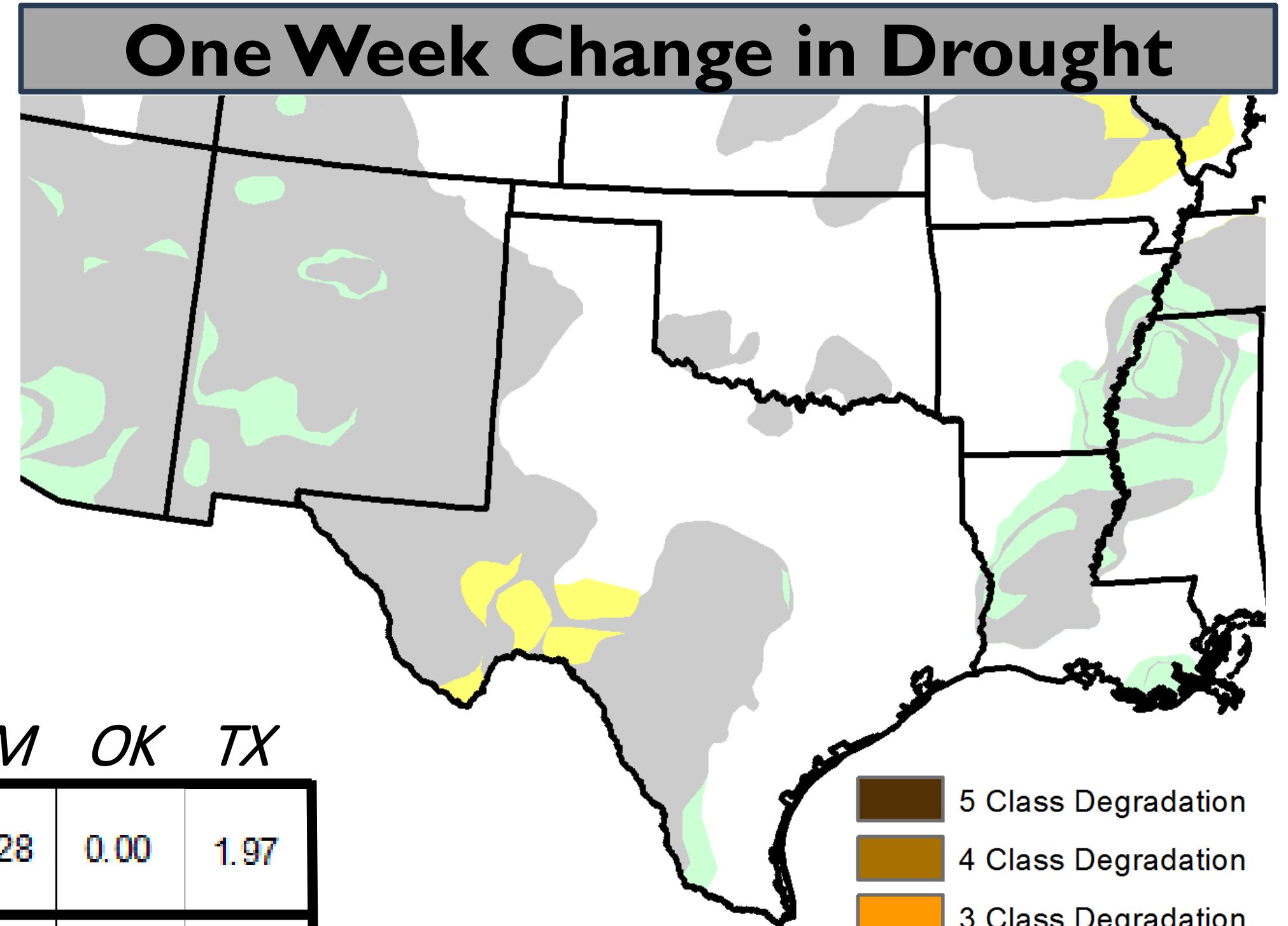
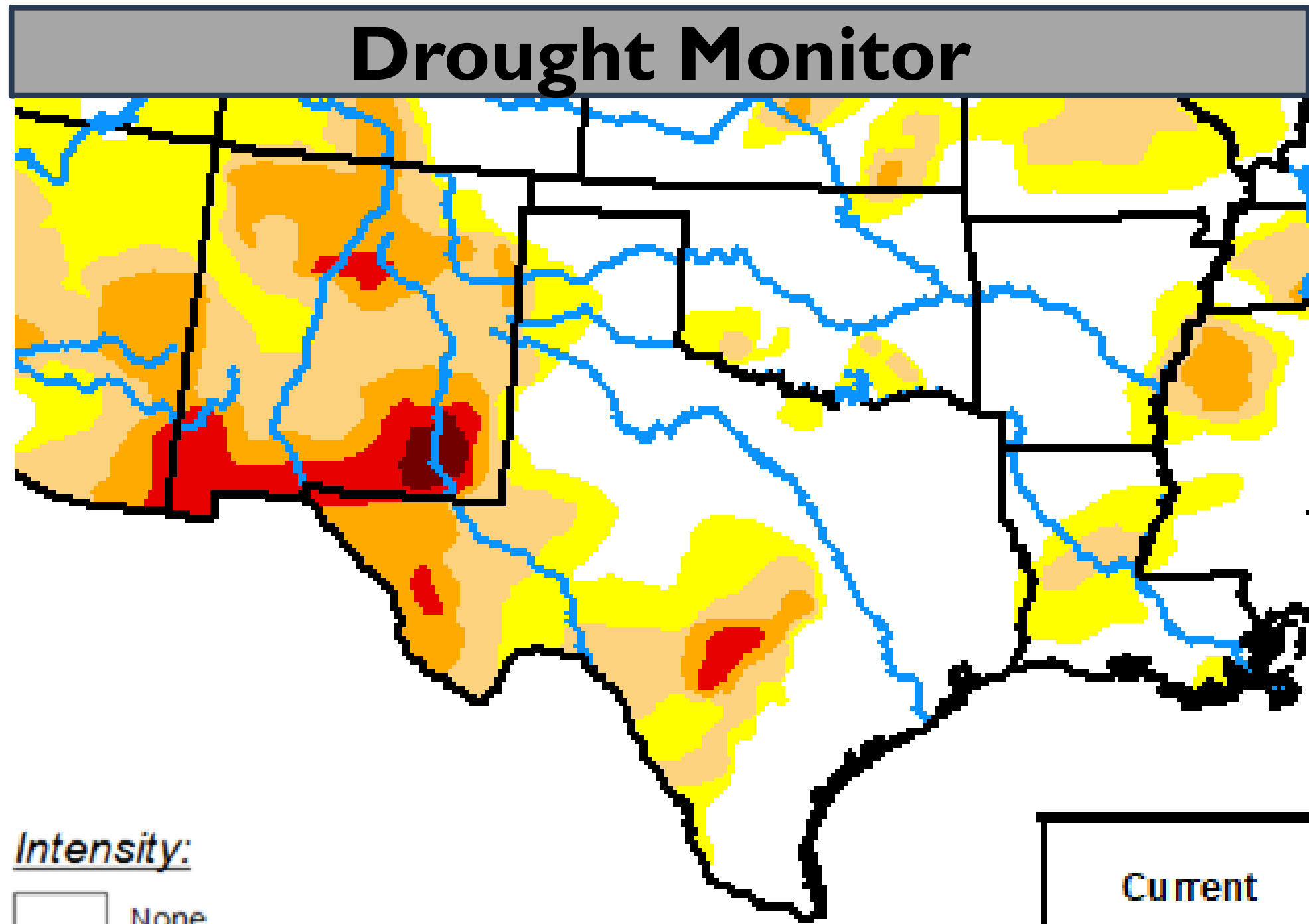
Day 5 Excessive Rainfall Outlook
Valid 12Z Fri Mar 01 2024
Thru 12Z Sat Mar 02 2024
Issued: 0732Z Mon Feb 26 2024
Forecaster: SCHICHEL
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance
within 25 miles of a point
MDT: At Least 40% **MRGL: At Least 5%**
SLGT: At Least 15%



Drought Monitor (Released Feb 22, 2024)

Data valid as of 8 am ET on Tuesday, February 20, 2024



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
Current	0.00	0.00	19.28	0.00	1.97
Last Week <i>02-13-2024</i>	0.00	0.00	21.43	0.00	1.97
3 Months Ago <i>11-21-2023</i>	0.53	86.95	48.00	1.16	5.71
One Year Ago <i>02-21-2023</i>	0.00	0.00	3.82	36.64	9.70

Drought Conditions (Percent Area)

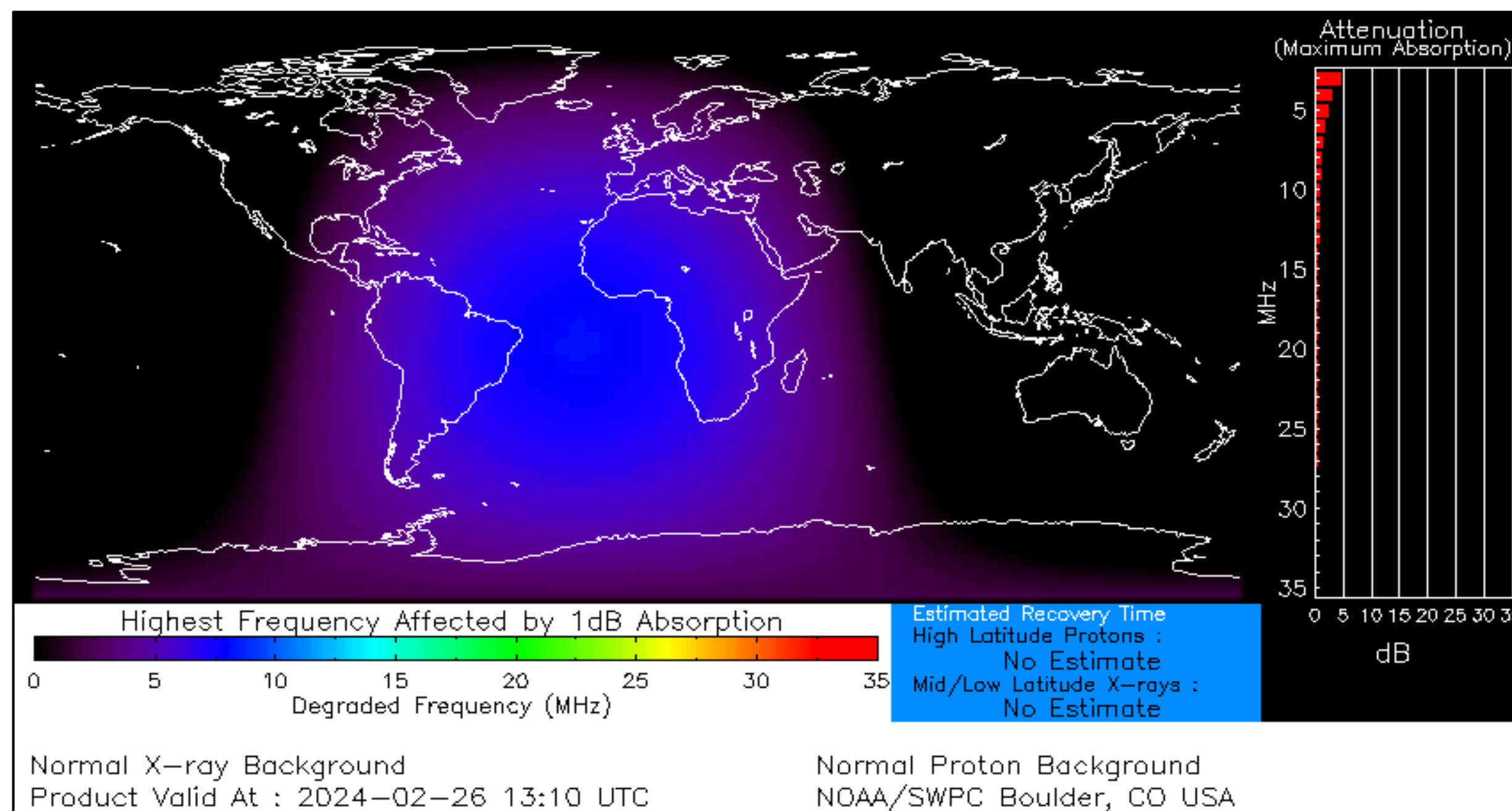
D3-D4 (Extreme to Exceptional Drought)

- 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



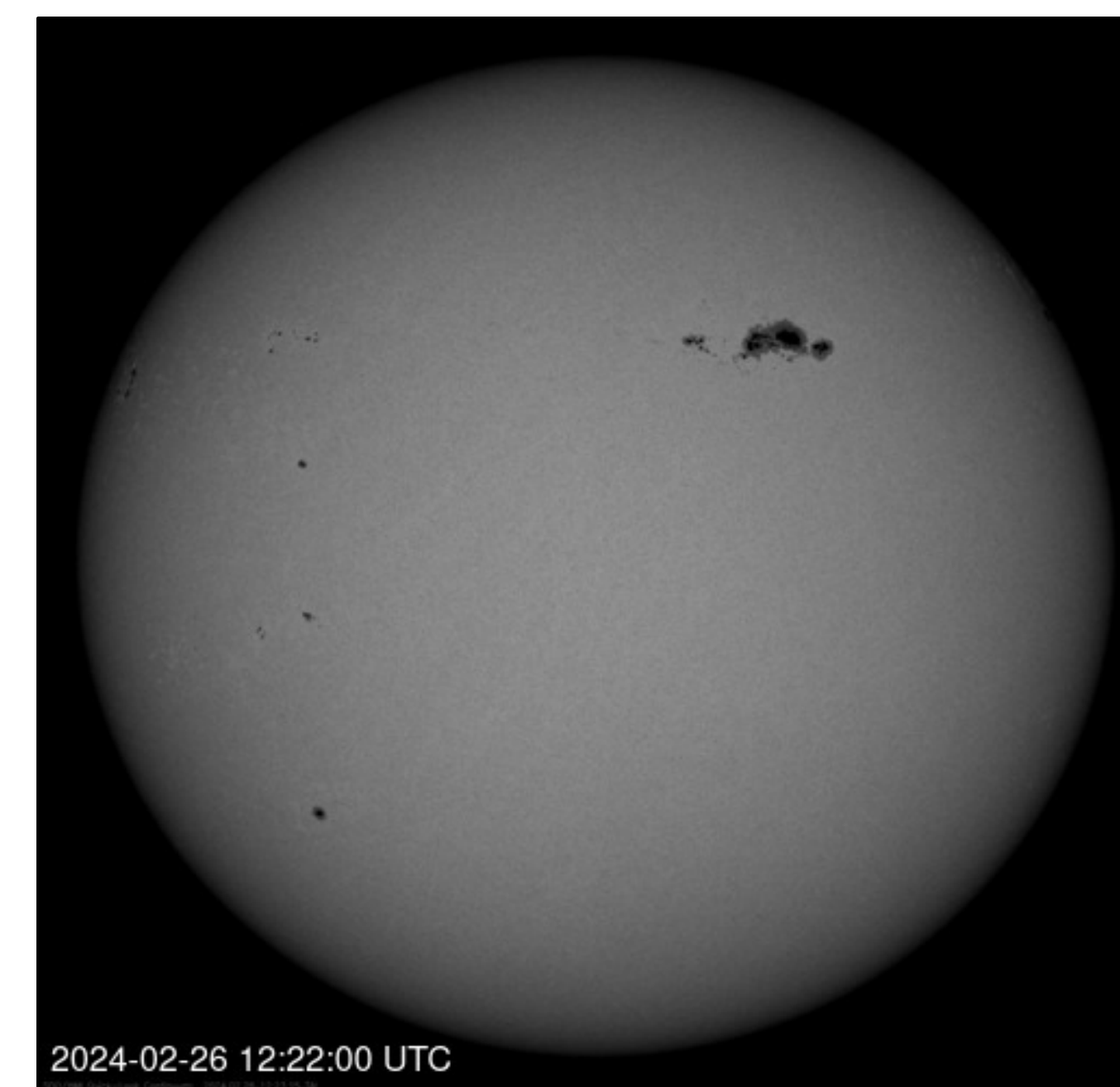
Space Weather 3-Day Forecast

	Monday	Tuesday	Wednesday
Geomagnetic Storms	Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	10%	10%	10%
Radio Blackout (R1-R2)	70%	70%	70%
Radio Blackout (R3-R5)	30%	30%	30%



[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

Web: <http://www.weather.gov/srh>



Weather "Threat" Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;">Very Common</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 sea breeze storms in coastal TX
Yellow	<p style="text-align: center;">Somewhat Common – Happens Frequently</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;">Uncommon – A Few Times a Year</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;">Rare – Once every 1-5 Years</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;">Very Rare – Once Every 5-10 Years</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@noaa.gov