



# STATE OF TEXAS WEATHER BRIEFING

10:00 AM CT

Friday, January 12, 2024

Prepared by:

*Brian Hoeth – Southern Region ROC*



# Situation Overview

- Windy (gusts 40-55 mph) for much of TX today
  - Critical Fire Weather Conditions for S TX
- Dangerously cold this weekend into early next week!
  - Temperatures 20-30 degrees below normal
  - Wind chill values -25F to 0F for northern half of the state and 0F to 25F for the southern half of the state on Monday morning & Tuesday morning
  - Multiple days (Sun-Tue) of sub-freezing temps for I-20 northward
- Light winter precipitation *potential* Sunday-Monday for parts of North/Central/East TX



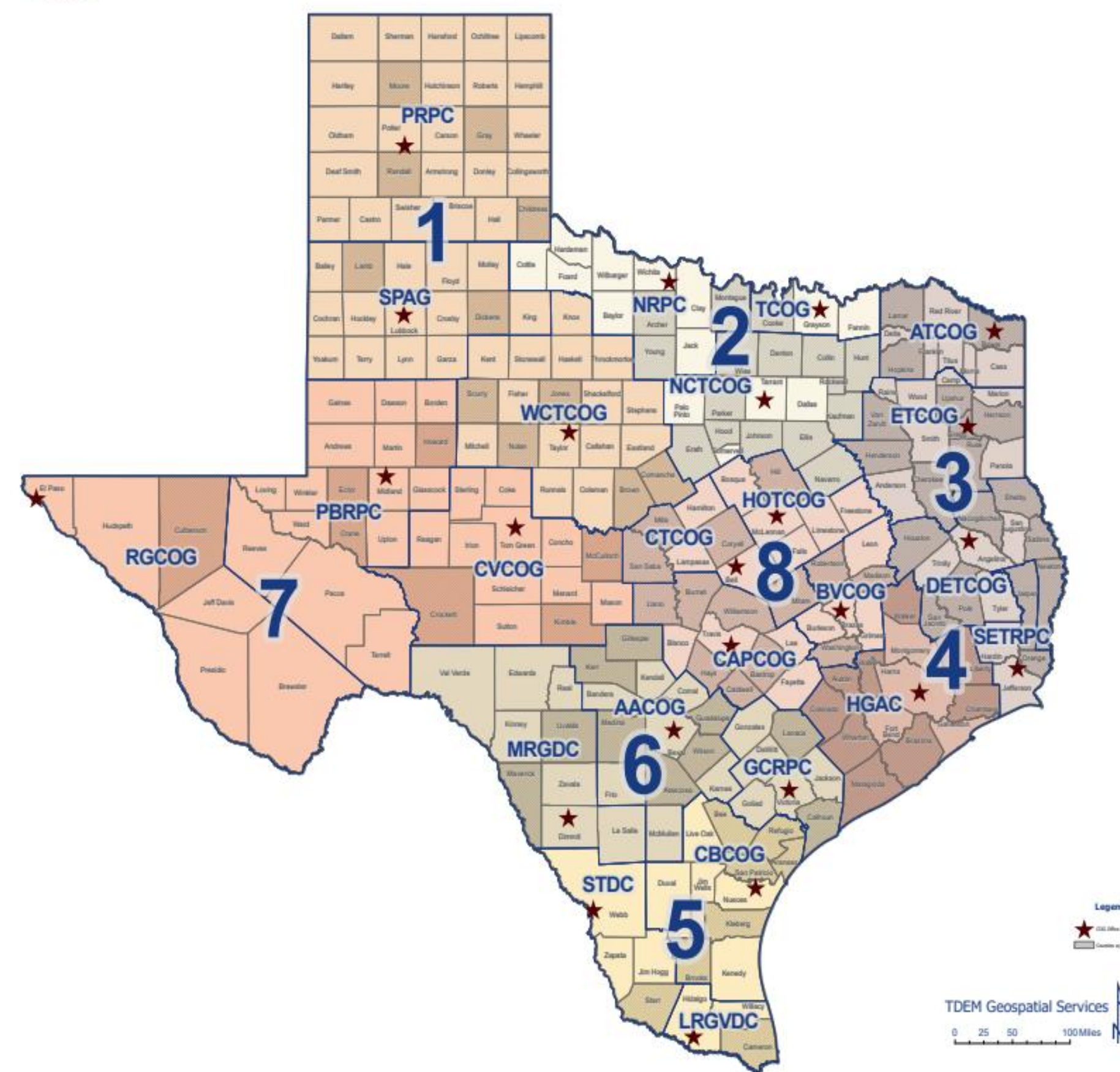


# Situation Overview

- Windy and/or Critical Fire Weather today:
  - Windy (40-55 mph) - Parts of all TDEM Regions
  - Critical Fire Weather - TDEM Regions 5, 6
- Dangerously Cold (Arctic Airmass):
  - Where/When:
    - TDEM Regions 1, 2 tonight
    - Spreads south this weekend into early next week
    - Nearly statewide Monday, statewide by Tuesday
  - Morning Wind Chill on Monday & Tuesday:
    - -25F to 0F northern ½ of TX
    - 0F to 25F southern ½ of TX
  - Multiple Days of Sub-Freezing Temperatures:
    - Sunday-Tuesday for I-20 northward
- Winter Precipitation **Potential**
  - TDEM Regions 2, 3, 4, 8. Sunday-Monday



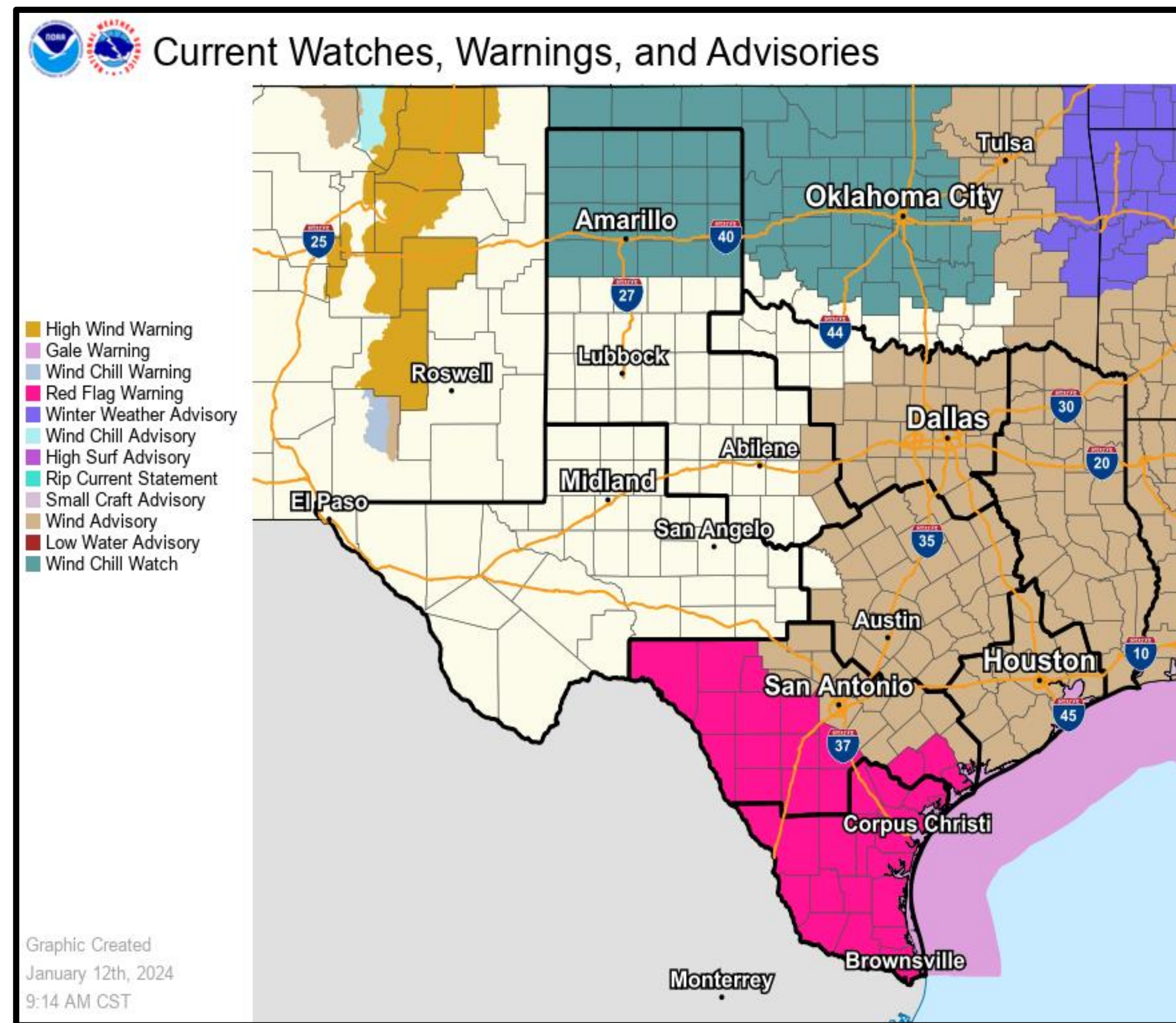
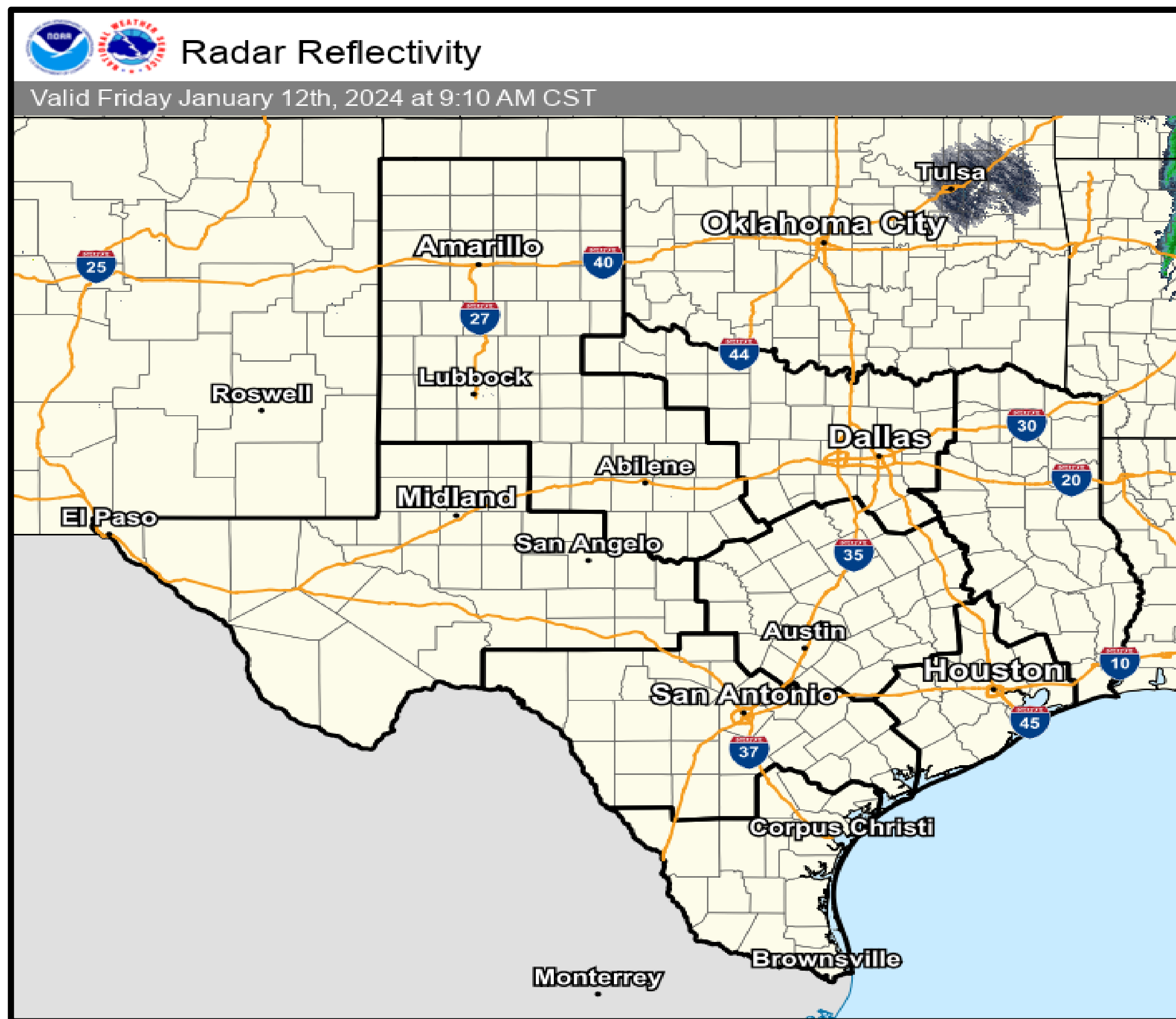
## TDEM Regions







# Current Radar & Watches, Warnings, and Advisories



- Wind Advisory for much of TX today
- Red Flag Warnings/Critical Fire Weather Conditions across S TX through this afternoon.
- Wind Chill Watch for the Panhandle for Saturday evening through Tuesday morning.

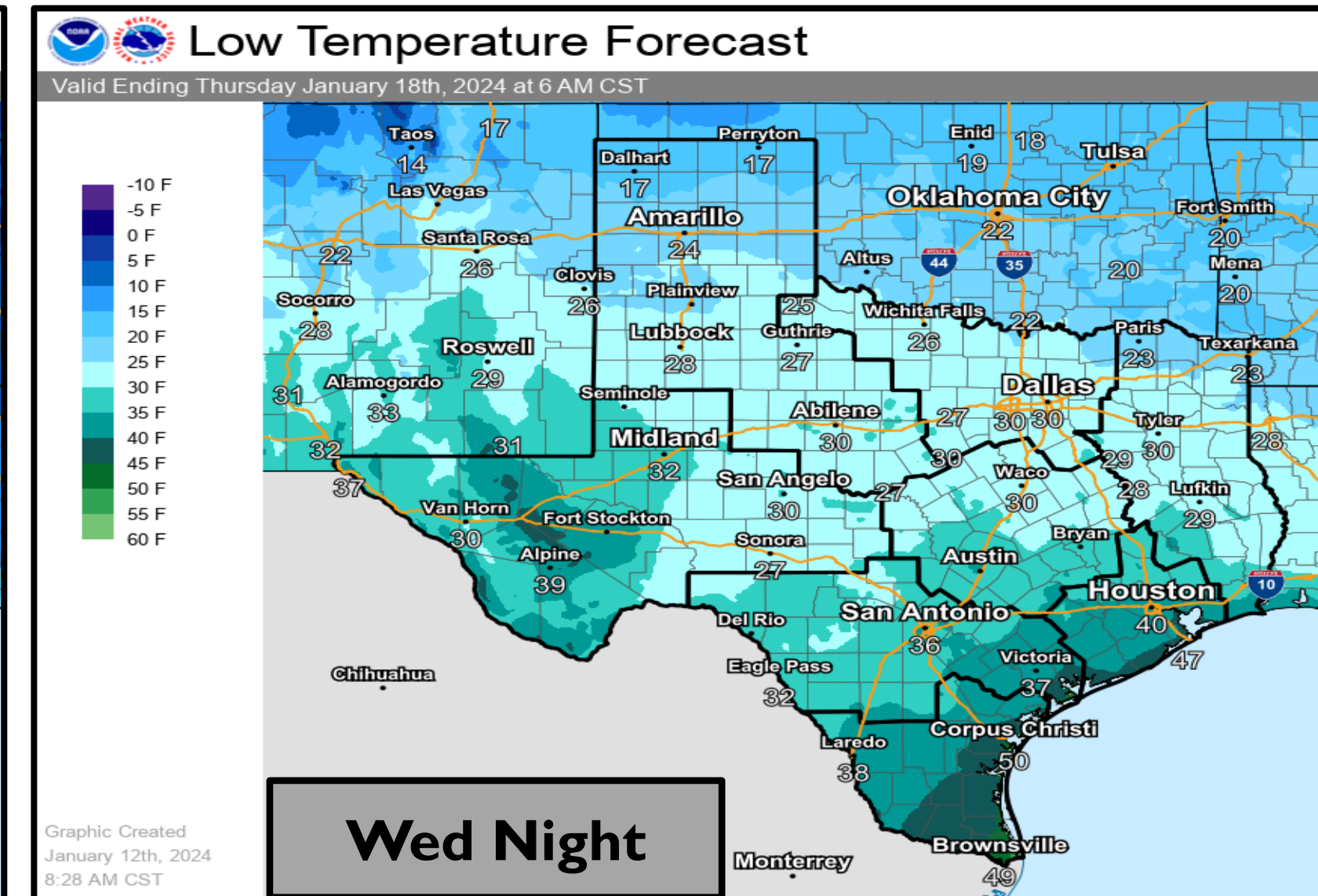
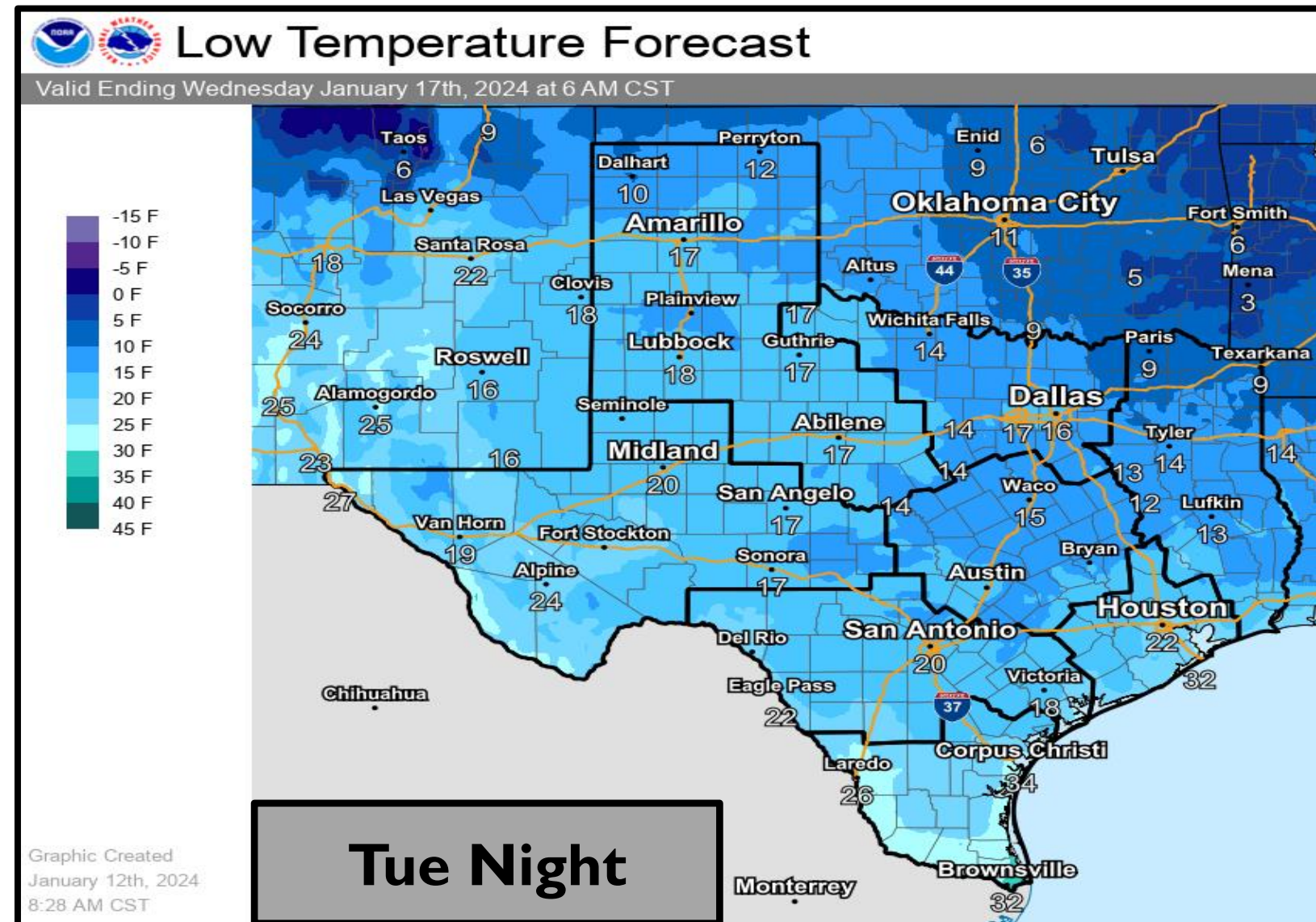
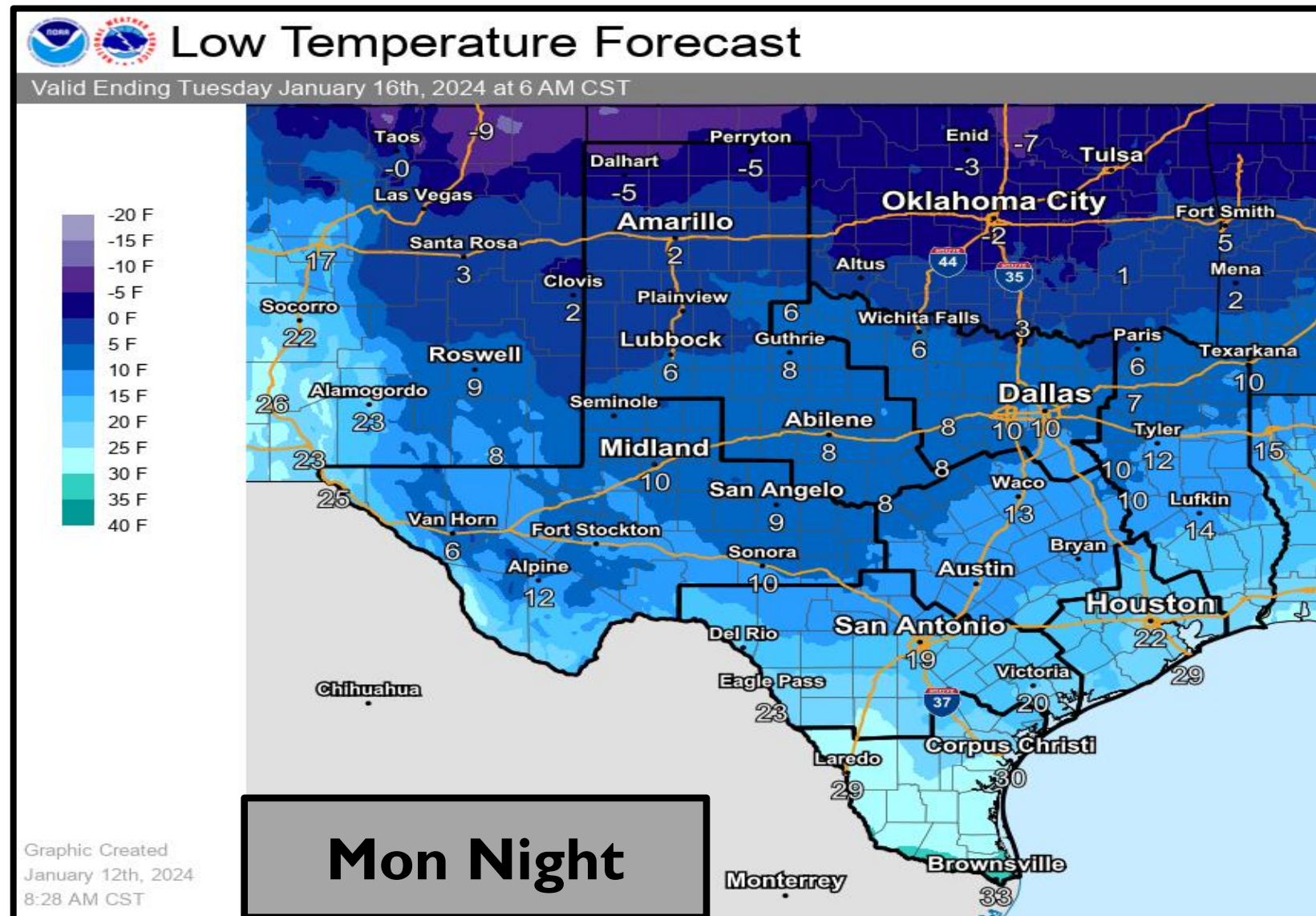
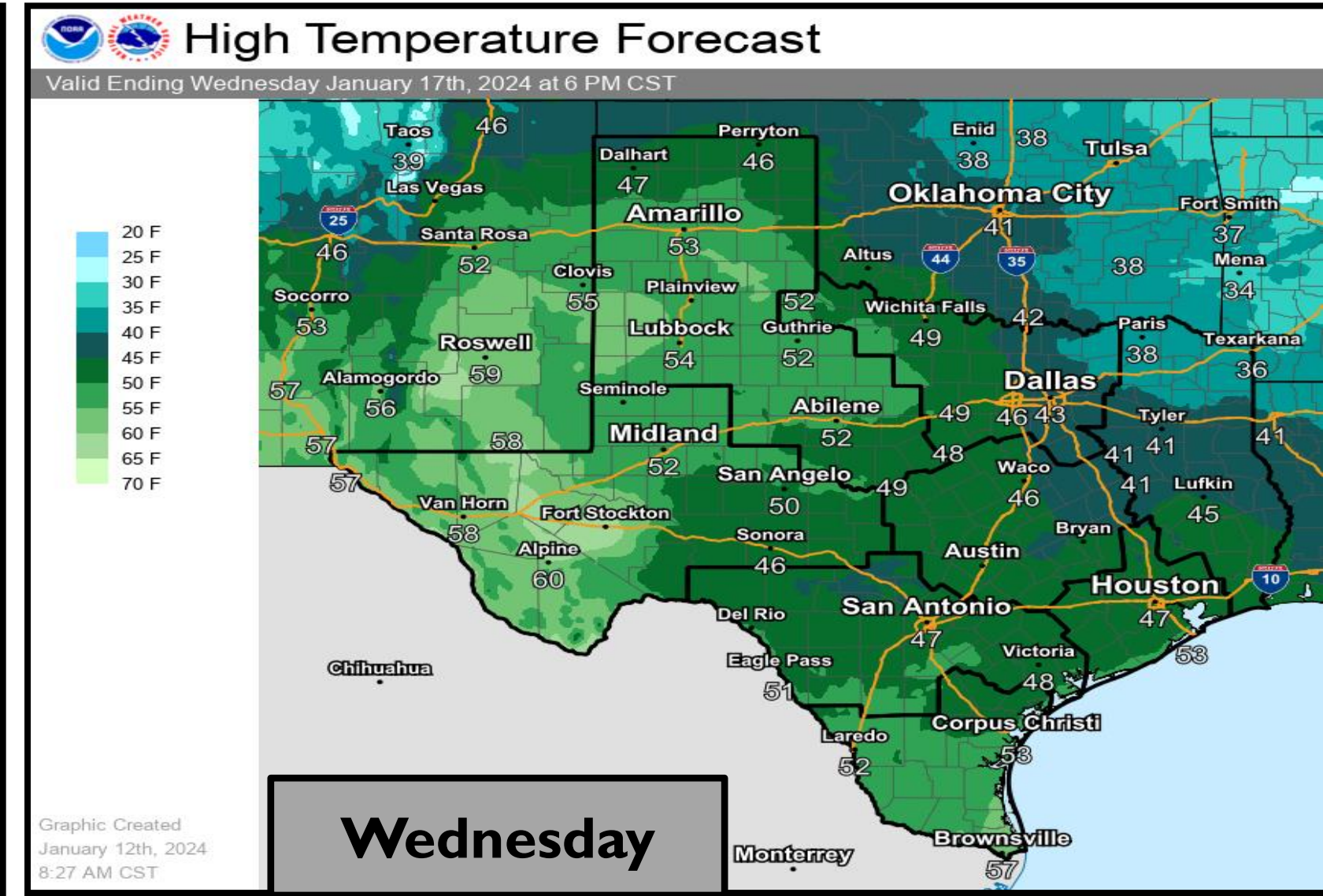
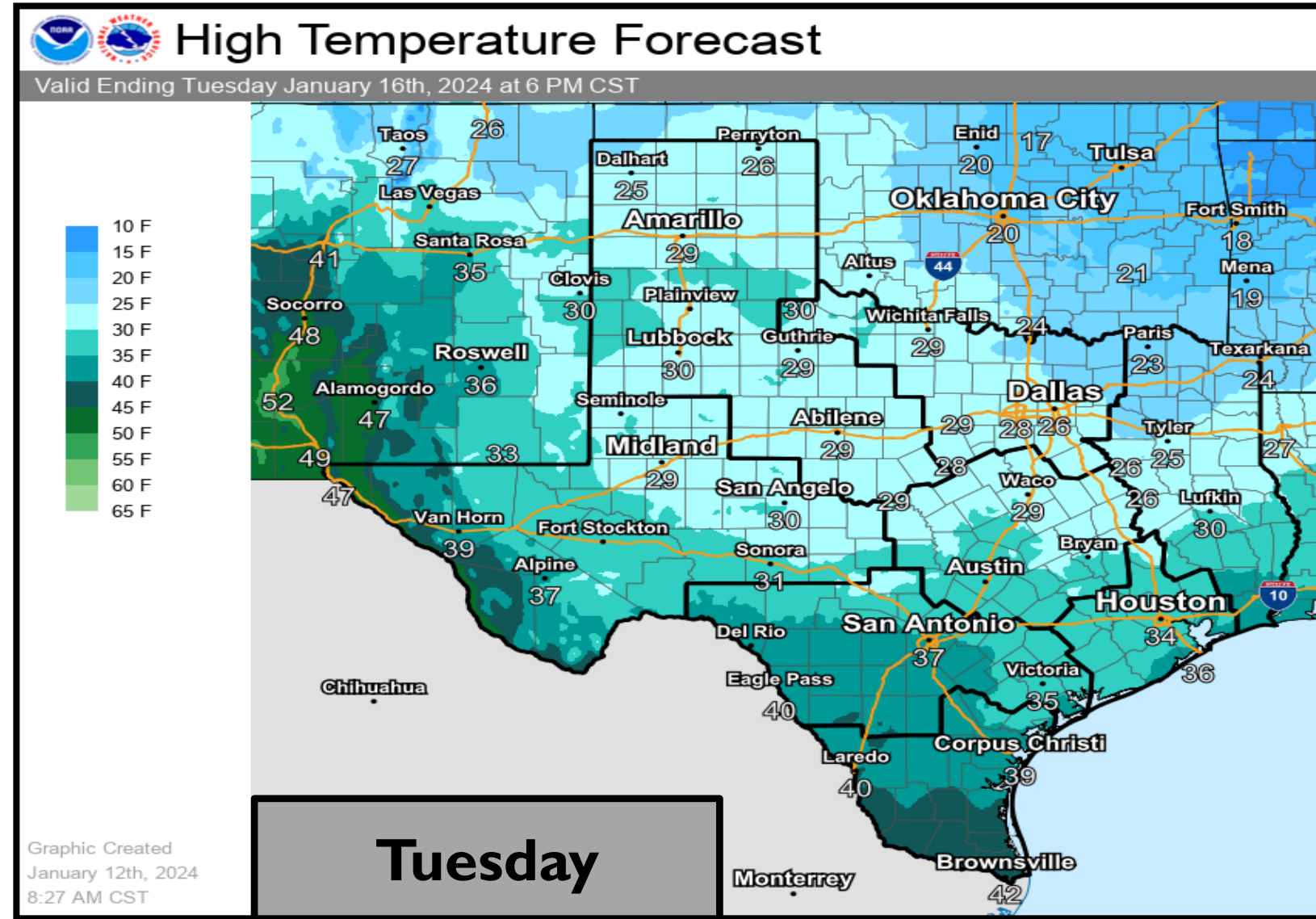
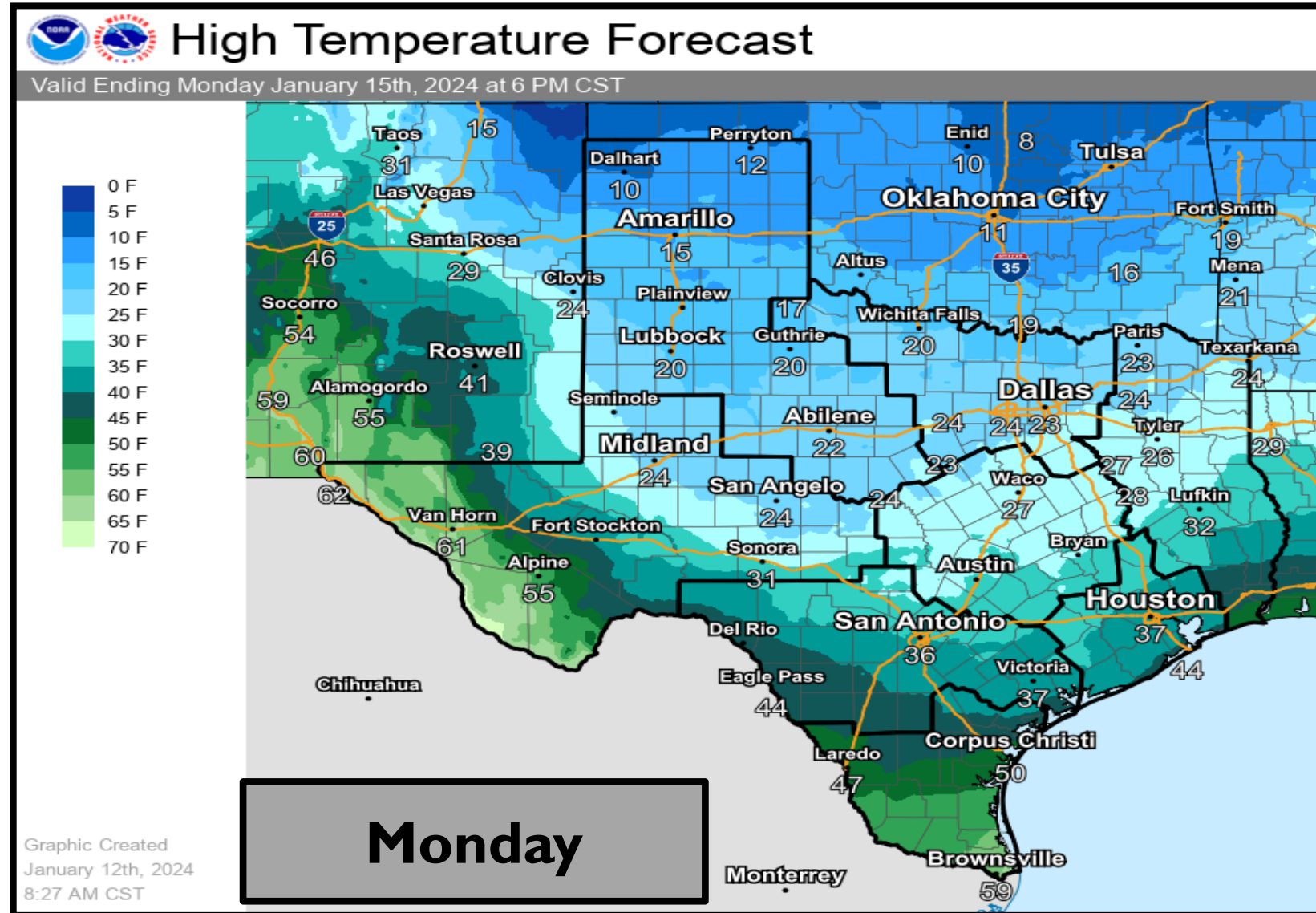








# Max/Min Temperature Forecasts (Day 4-6)





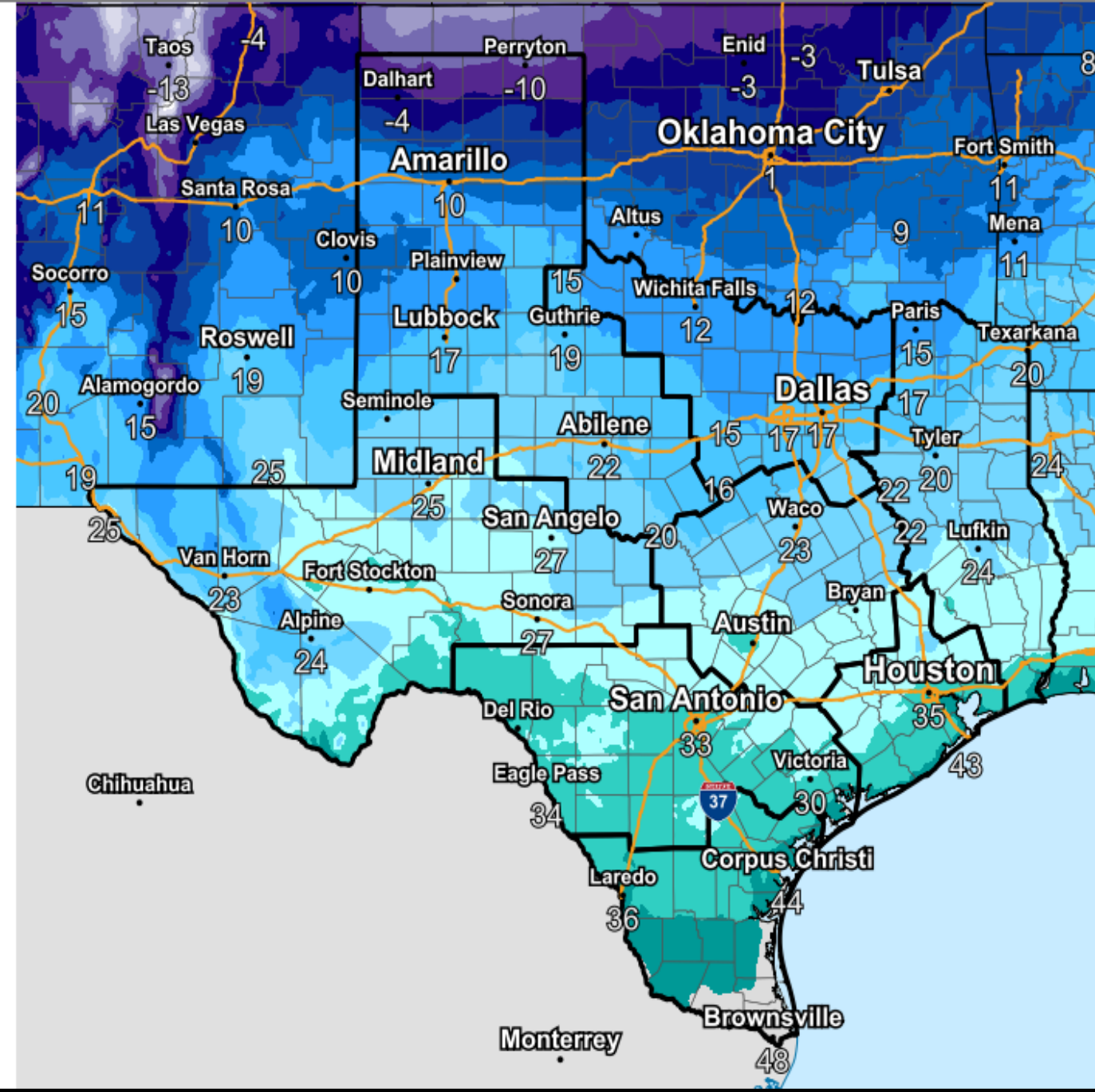


# Dangerously Cold Wind Chills

## Saturday Morning

Valid Ending Saturday January 13th, 2024 at 6 AM CST

- Less than -60F
- 60F to -55F
- 55F to -50F
- 50F to -45F
- 45F to -40F
- 40F to -35F
- 35F to -30F
- 30F to -25F
- 25F to -20F
- 20F to -15F
- 15F to -10F
- 10F to -5F
- 5F to 0F
- 0F to 5F
- 5F to 10F
- 10F to 15F
- 15F to 20F
- 20F to 25F
- 25F to 30F
- 30F to 35F
- 35F to 40F
- Greater than 40F

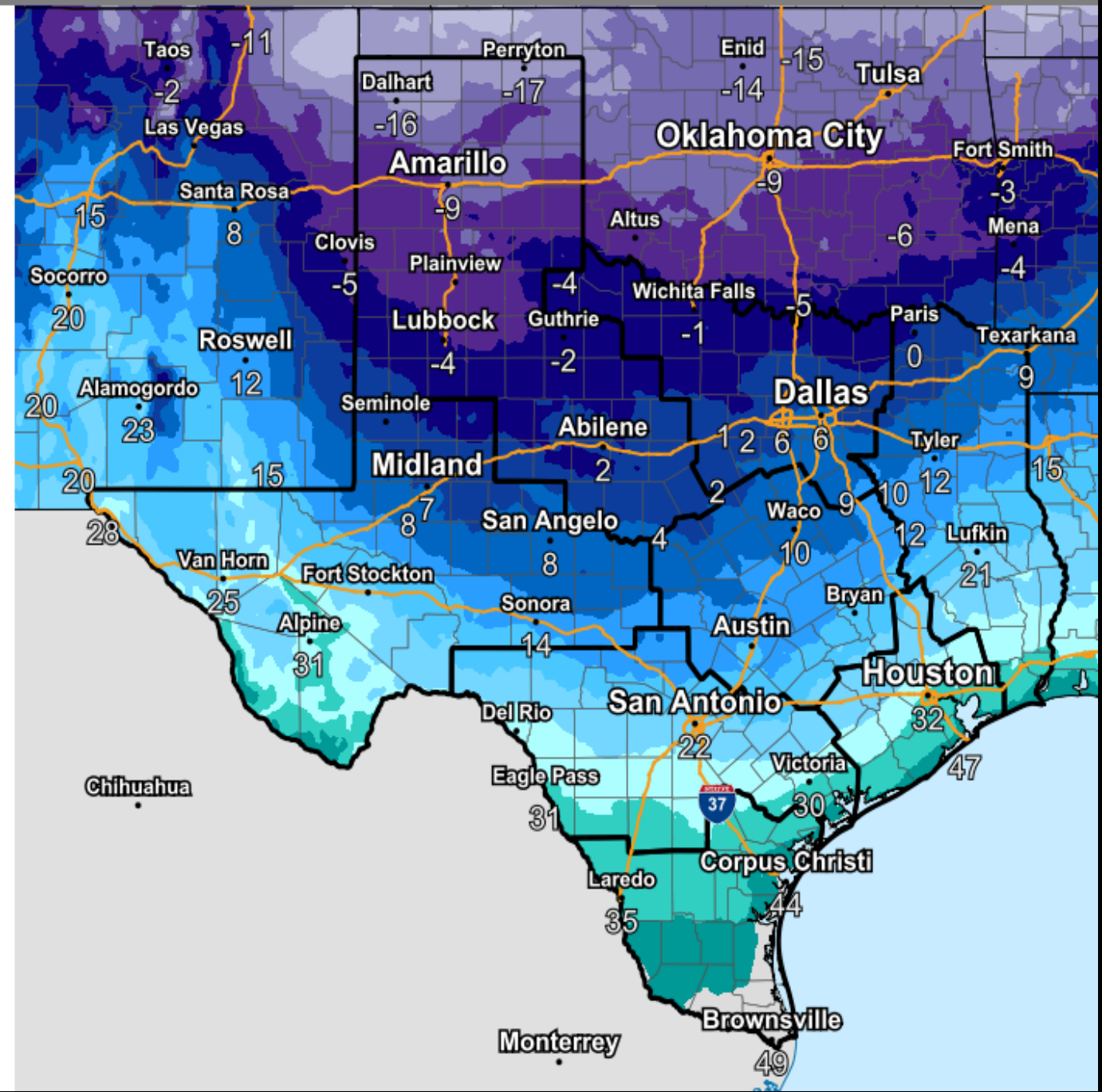


Graphic Created January 12th, 2024 8:31 AM CST

## Sunday Morning

Valid Ending Sunday January 14th, 2024 at 6 AM CST

- Less than -60F
- 60F to -55F
- 55F to -50F
- 50F to -45F
- 45F to -40F
- 40F to -35F
- 35F to -30F
- 30F to -25F
- 25F to -20F
- 20F to -15F
- 15F to -10F
- 10F to -5F
- 5F to 0F
- 0F to 5F
- 5F to 10F
- 10F to 15F
- 15F to 20F
- 20F to 25F
- 25F to 30F
- 30F to 35F
- 35F to 40F
- Greater than 40F

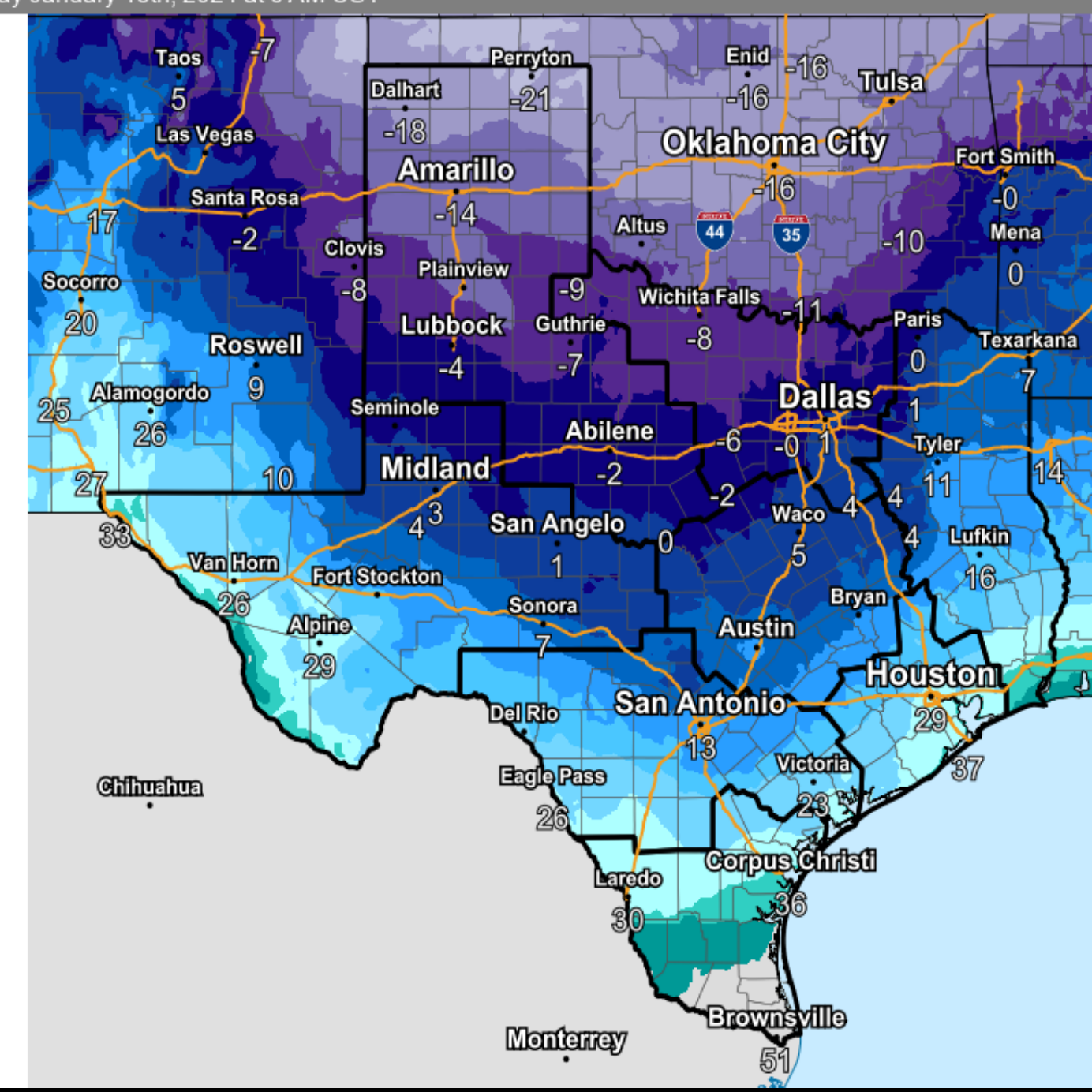


Graphic Created January 12th, 2024 8:31 AM CST

## Monday Morning

Valid Ending Monday January 15th, 2024 at 6 AM CST

- Less than -60F
- 60F to -55F
- 55F to -50F
- 50F to -45F
- 45F to -40F
- 40F to -35F
- 35F to -30F
- 30F to -25F
- 25F to -20F
- 20F to -15F
- 15F to -10F
- 10F to -5F
- 5F to 0F
- 0F to 5F
- 5F to 10F
- 10F to 15F
- 15F to 20F
- 20F to 25F
- 25F to 30F
- 30F to 35F
- 35F to 40F
- Greater than 40F



Graphic Created January 12th, 2024 8:31 AM CST



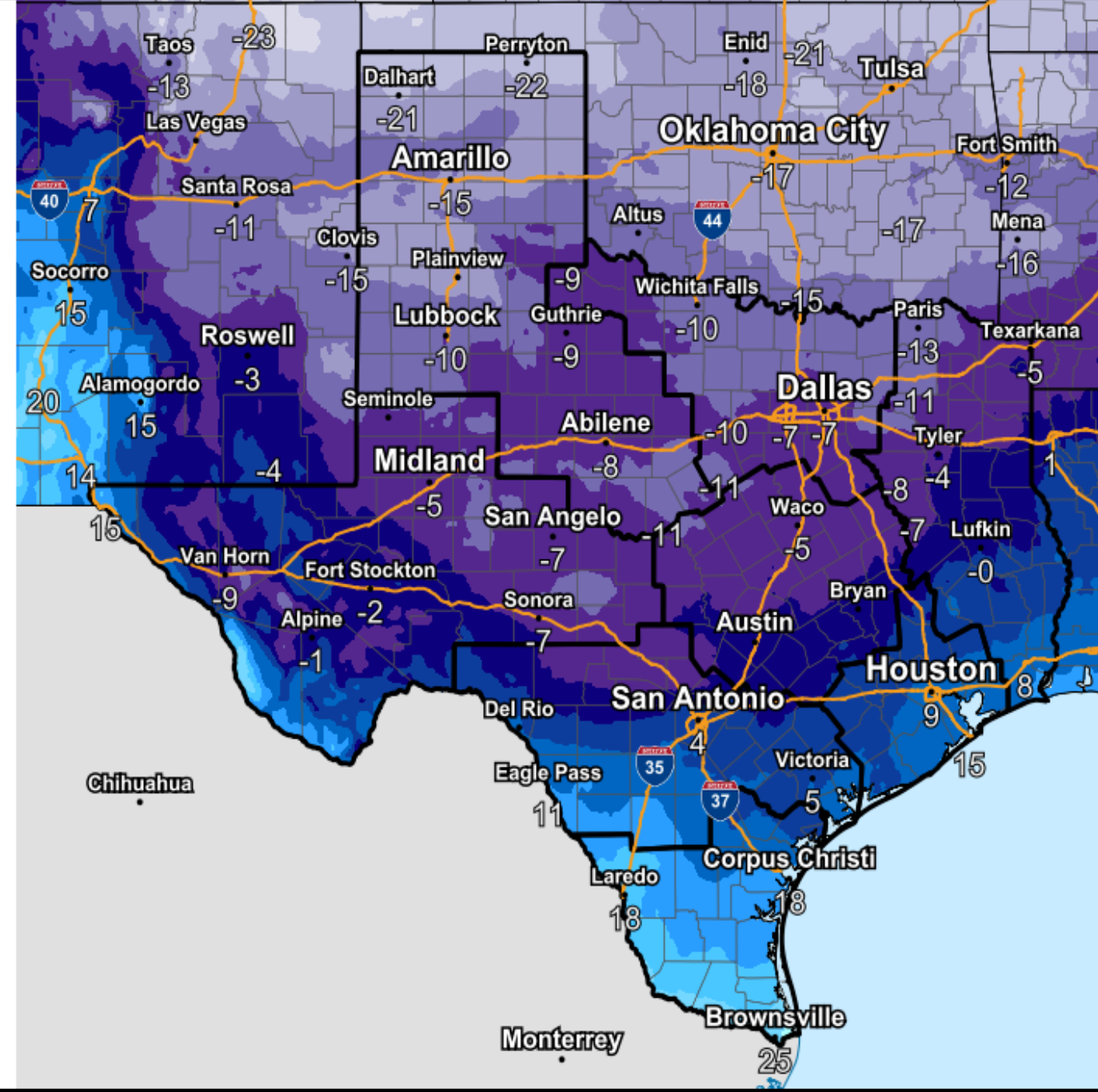


# Dangerously Cold Wind Chills

## Tuesday Morning

Valid Ending Tuesday January 16th, 2024 at 6 AM CST

- Less than -60F
- -60F to -55F
- -55F to -50F
- -50F to -45F
- -45F to -40F
- -40F to -35F
- -35F to -30F
- -30F to -25F
- -25F to -20F
- -20F to -15F
- -15F to -10F
- -10F to -5F
- -5F to 0F
- 0F to 5F
- 5F to 10F
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- 15F to 20F
- 20F to 25F
- 25F to 30F
- 30F to 35F
- 35F to 40F
- Greater than 40F

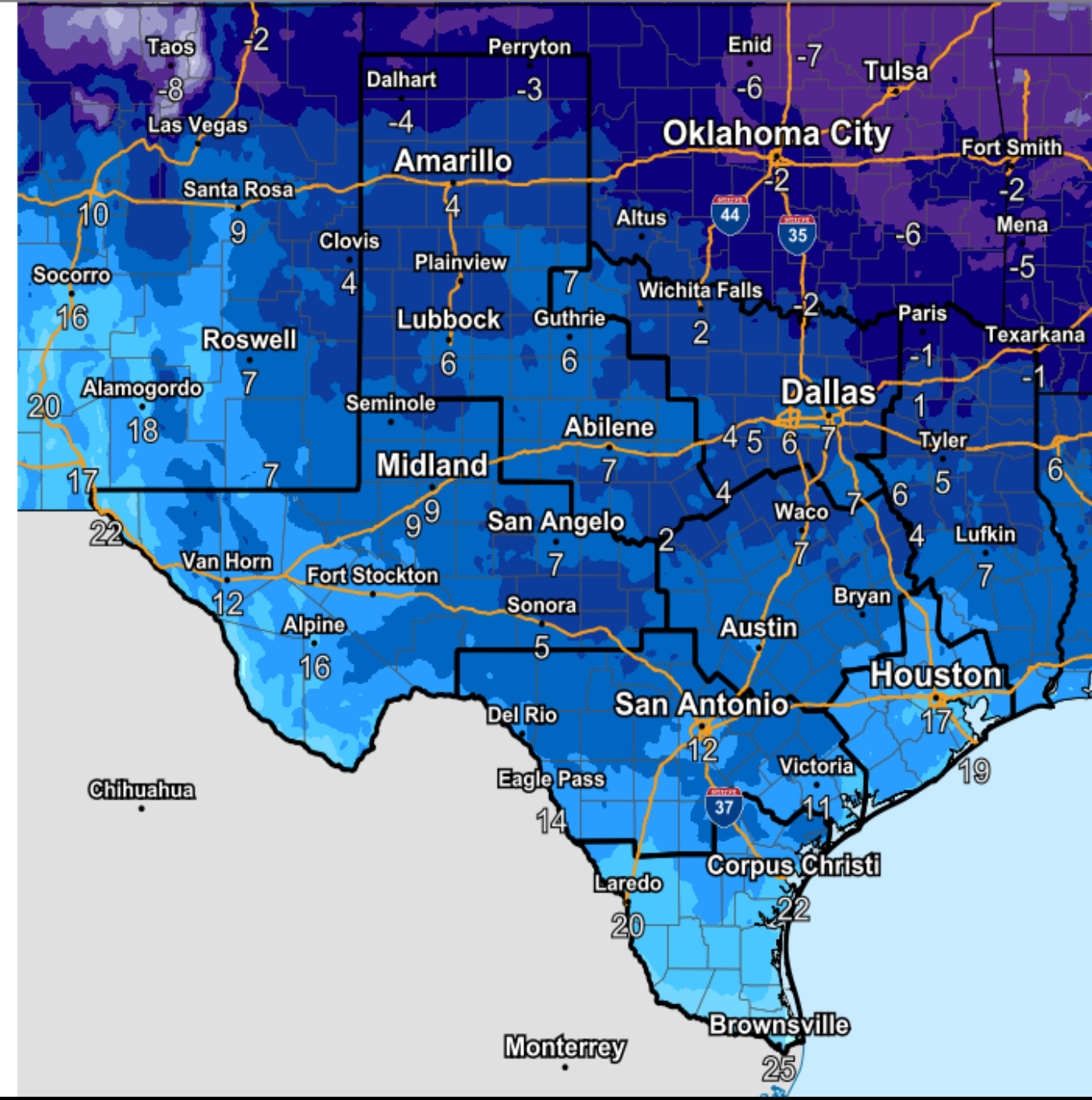


Graphic Created January 12th, 2024 8:32 AM CST

## Wednesday Morning

Valid Ending Wednesday January 17th, 2024 at 6 AM CST

- Less than -60F
- -60F to -55F
- -55F to -50F
- -50F to -45F
- -45F to -40F
- -40F to -35F
- -35F to -30F
- -30F to -25F
- -25F to -20F
- -20F to -15F
- -15F to -10F
- -10F to -5F
- -5F to 0F
- 0F to 5F
- 5F to 10F
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- 20F to 25F
- 25F to 30F
- 30F to 35F
- 35F to 40F
- Greater than 40F

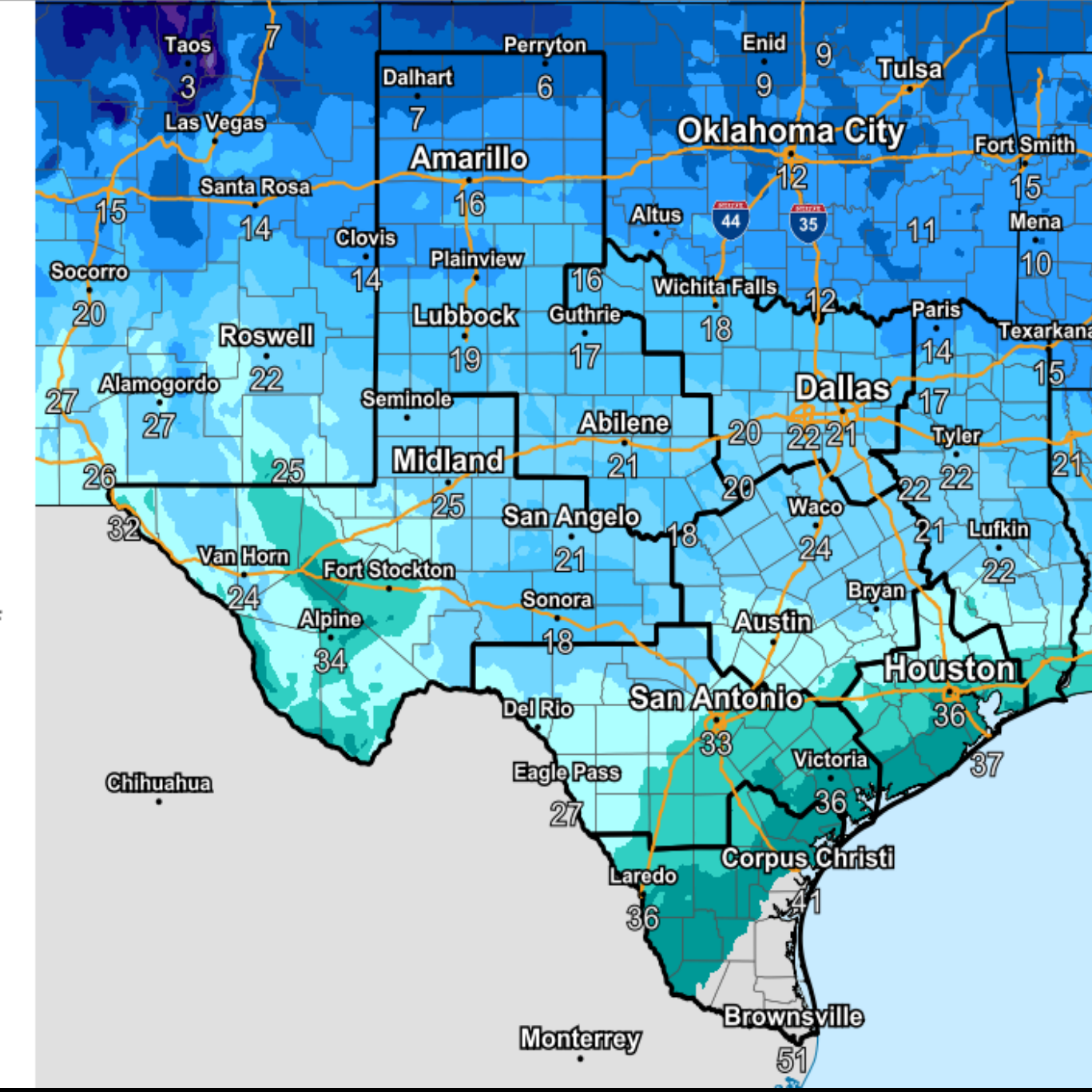


Graphic Created January 12th, 2024 8:32 AM CST

## Thursday Morning

Valid Ending Thursday January 18th, 2024 at 6 AM CST

- Less than -60F
- -60F to -55F
- -55F to -50F
- -50F to -45F
- -45F to -40F
- -40F to -35F
- -35F to -30F
- -30F to -25F
- -25F to -20F
- -20F to -15F
- -15F to -10F
- -10F to -5F
- -5F to 0F
- 0F to 5F
- 5F to 10F
- 10F to 15F
- 15F to 20F
- 20F to 25F
- 25F to 30F
- 30F to 35F
- 35F to 40F
- Greater than 40F



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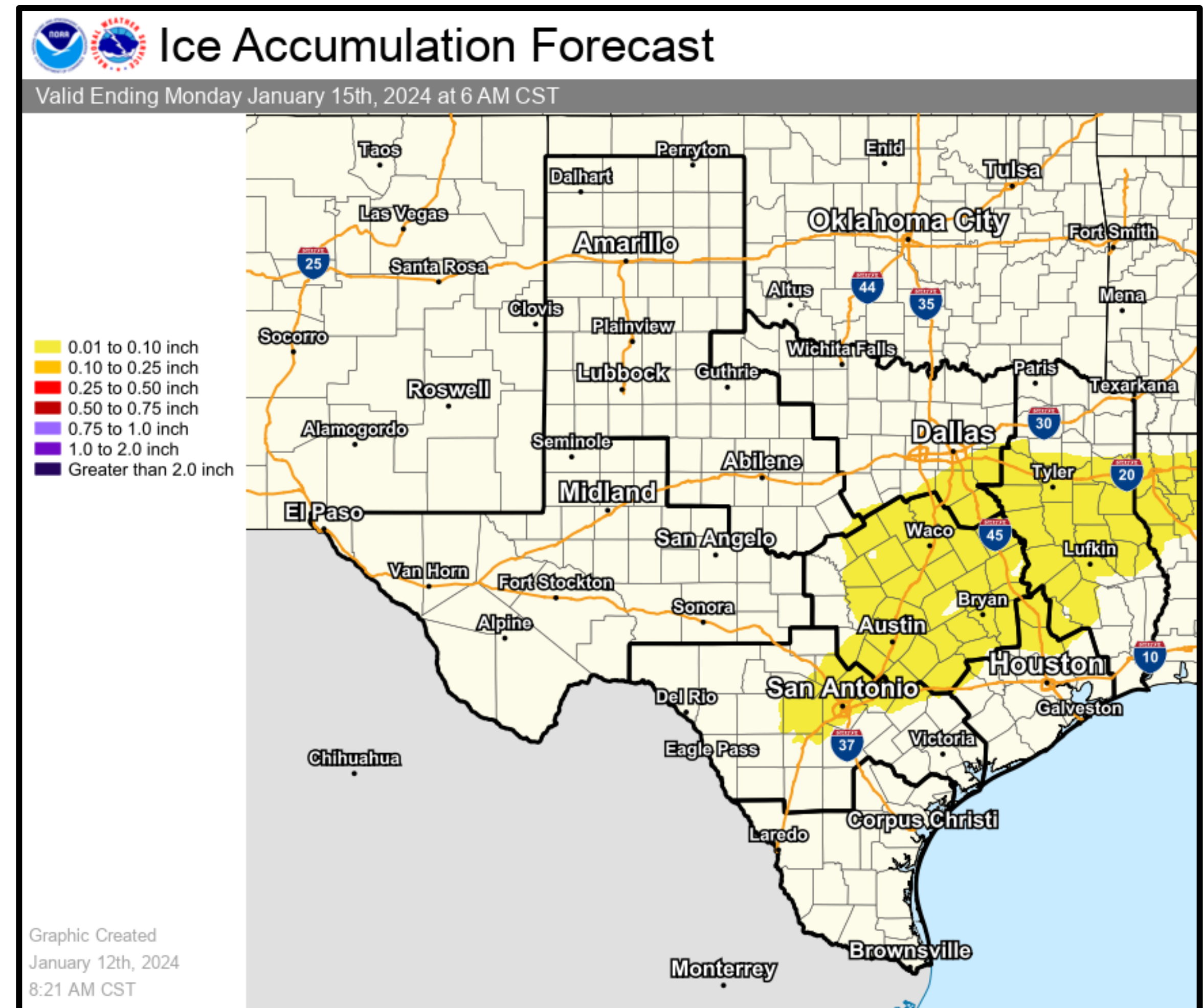
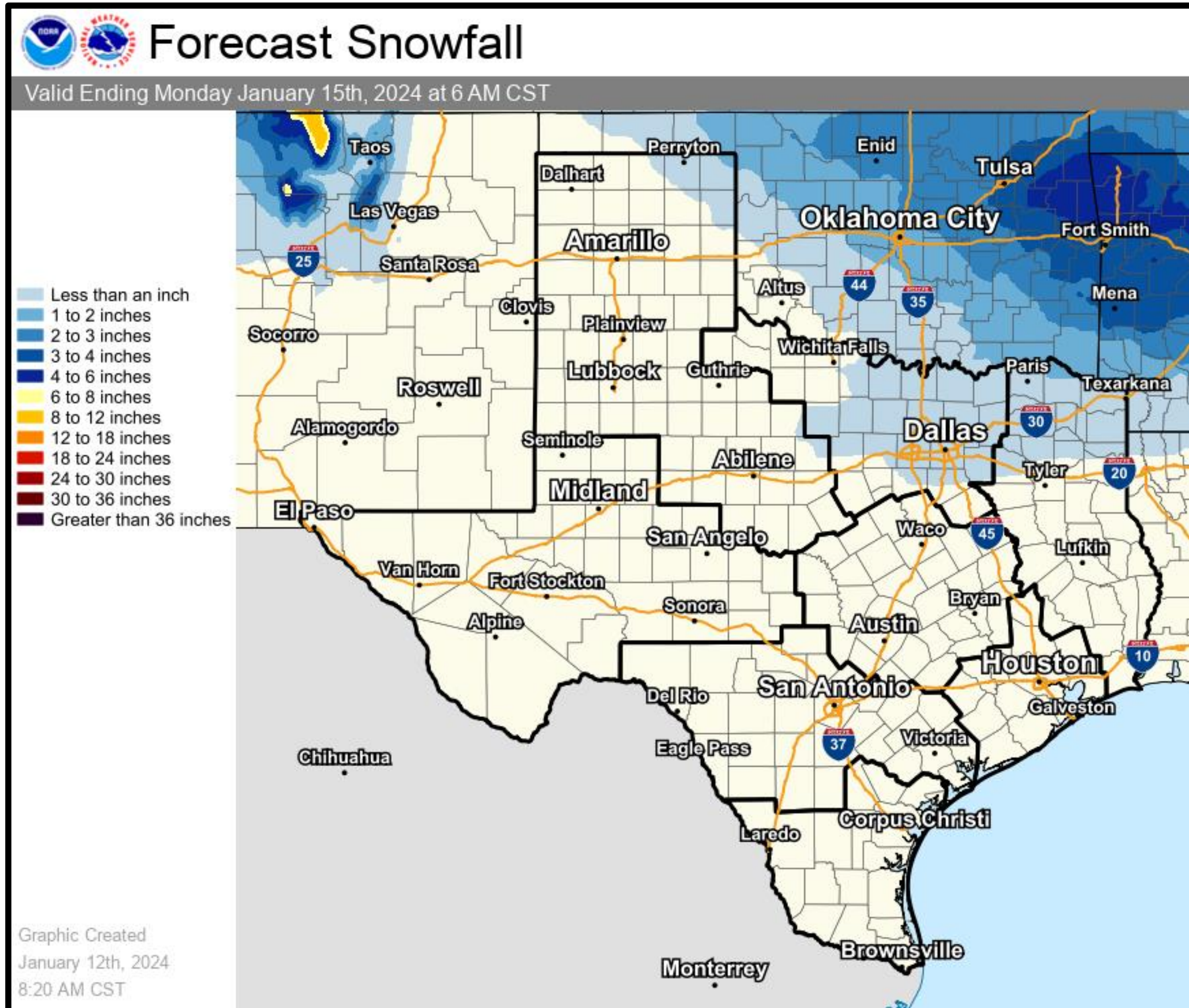




# Winter Weather – How Much Snow/Ice?

**Note: These forecasts only go through 6am Monday! Additional precipitation possible after 6am Monday.**

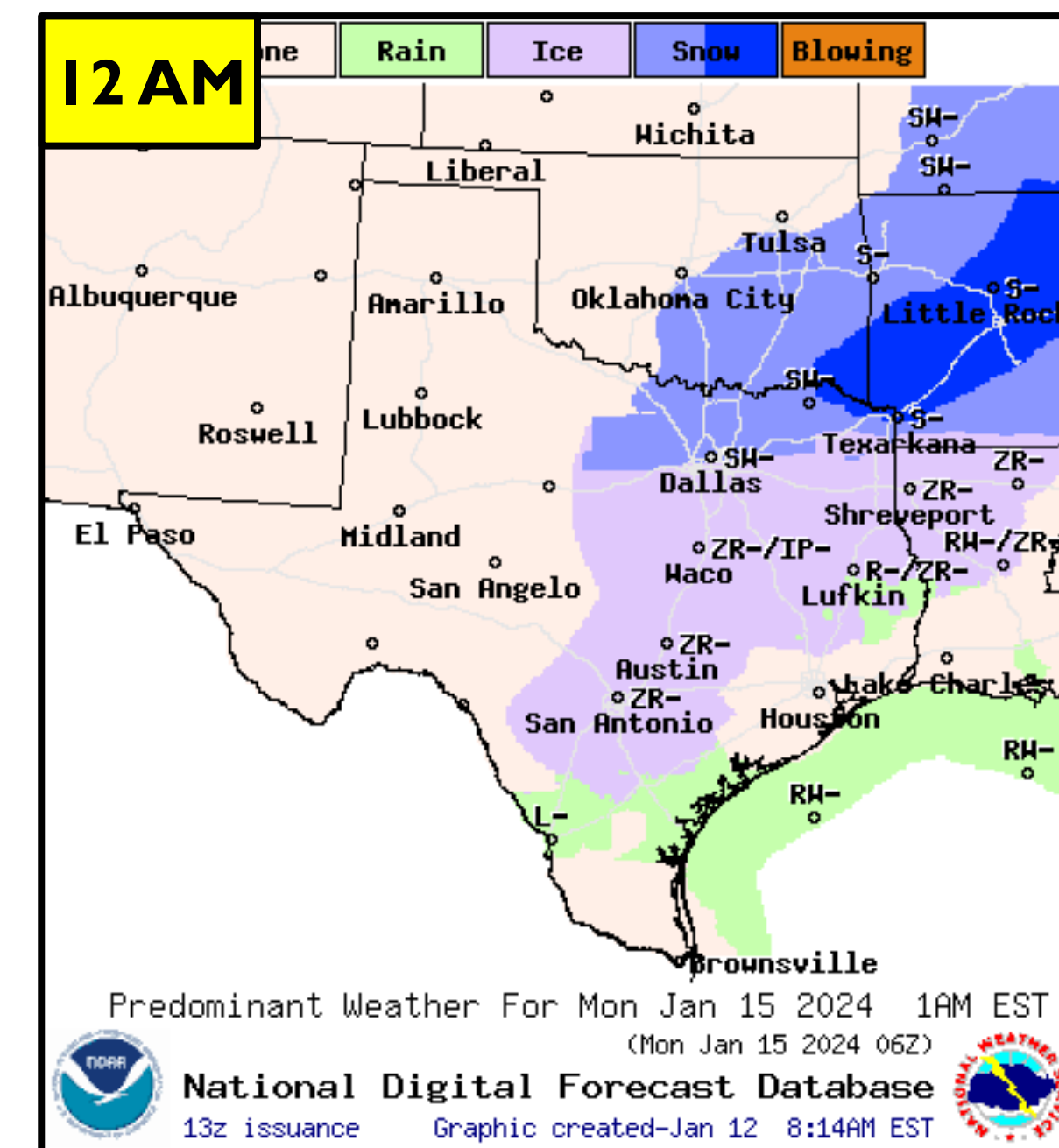
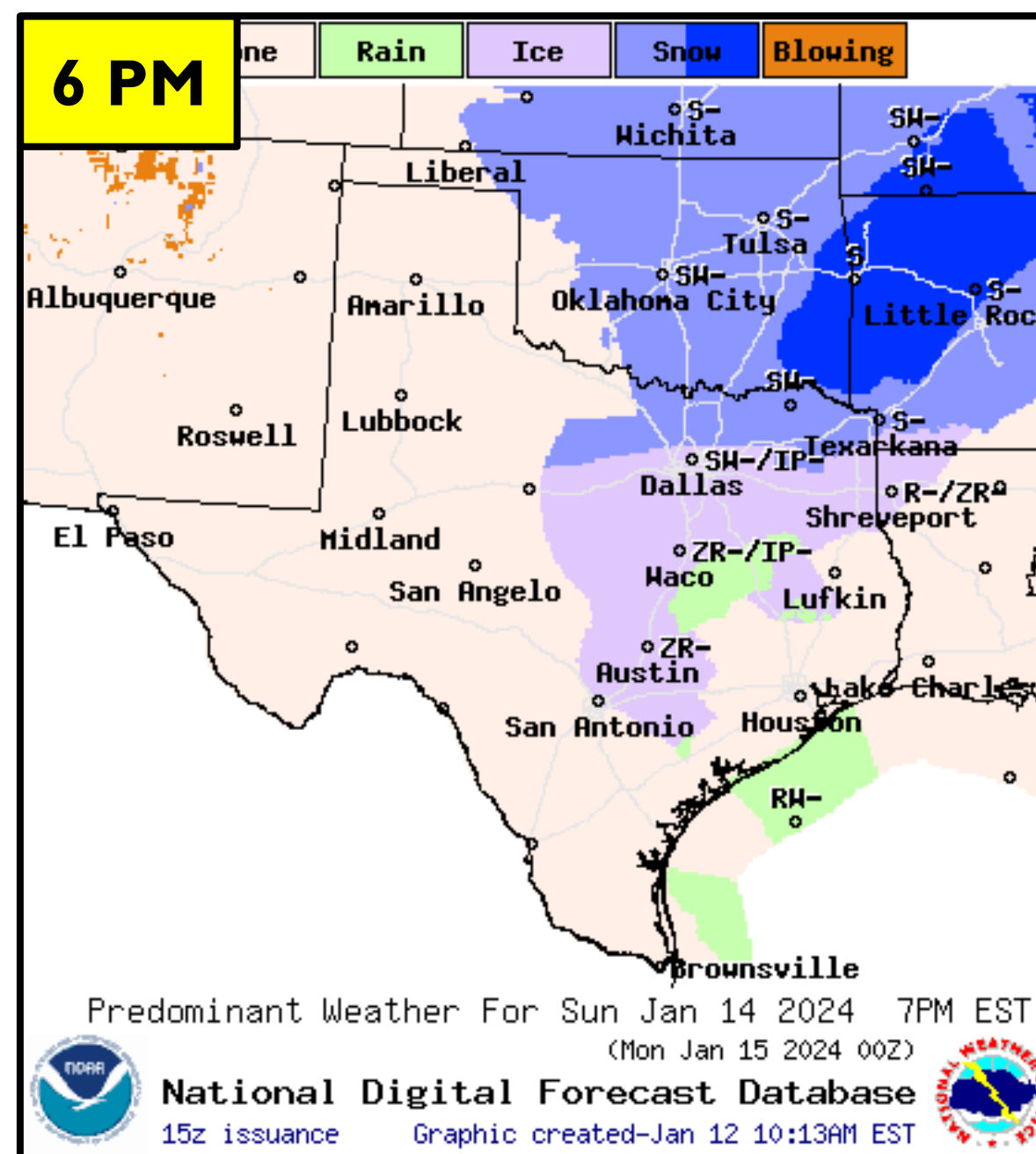
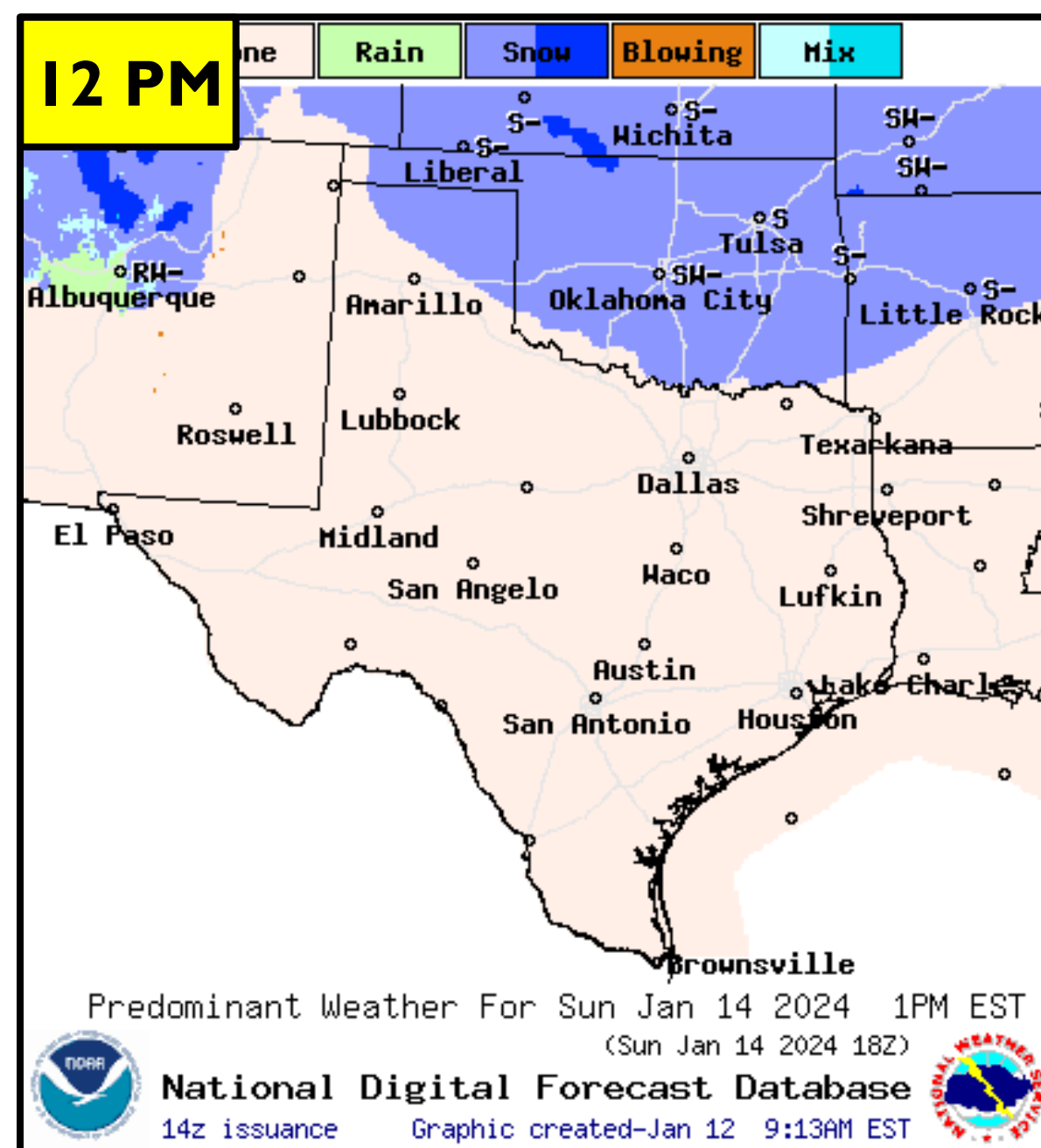
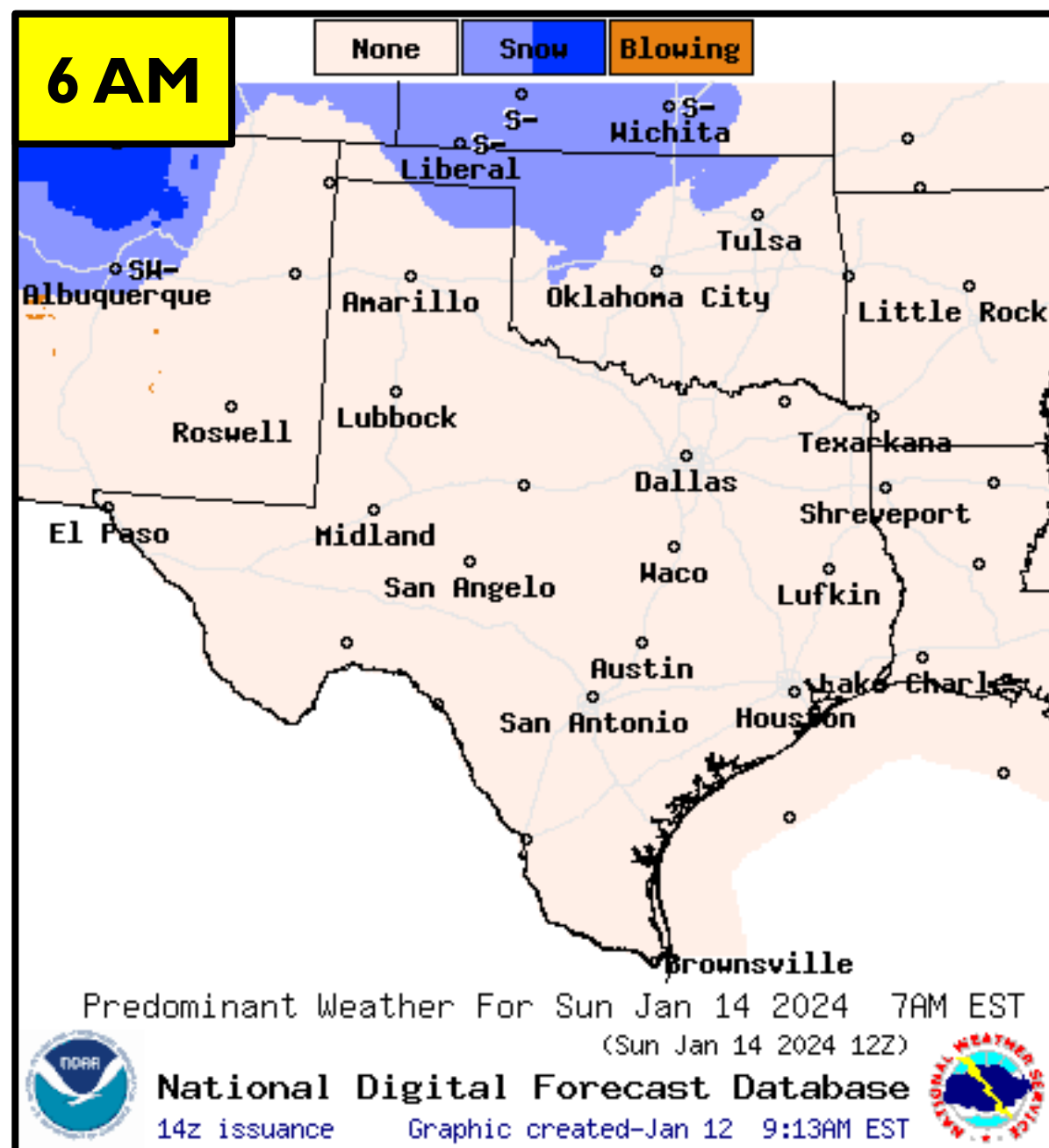
- What: Light wintry precipitation possible
- Where and When: North/Central/East TX Sunday afternoon/evening into Monday







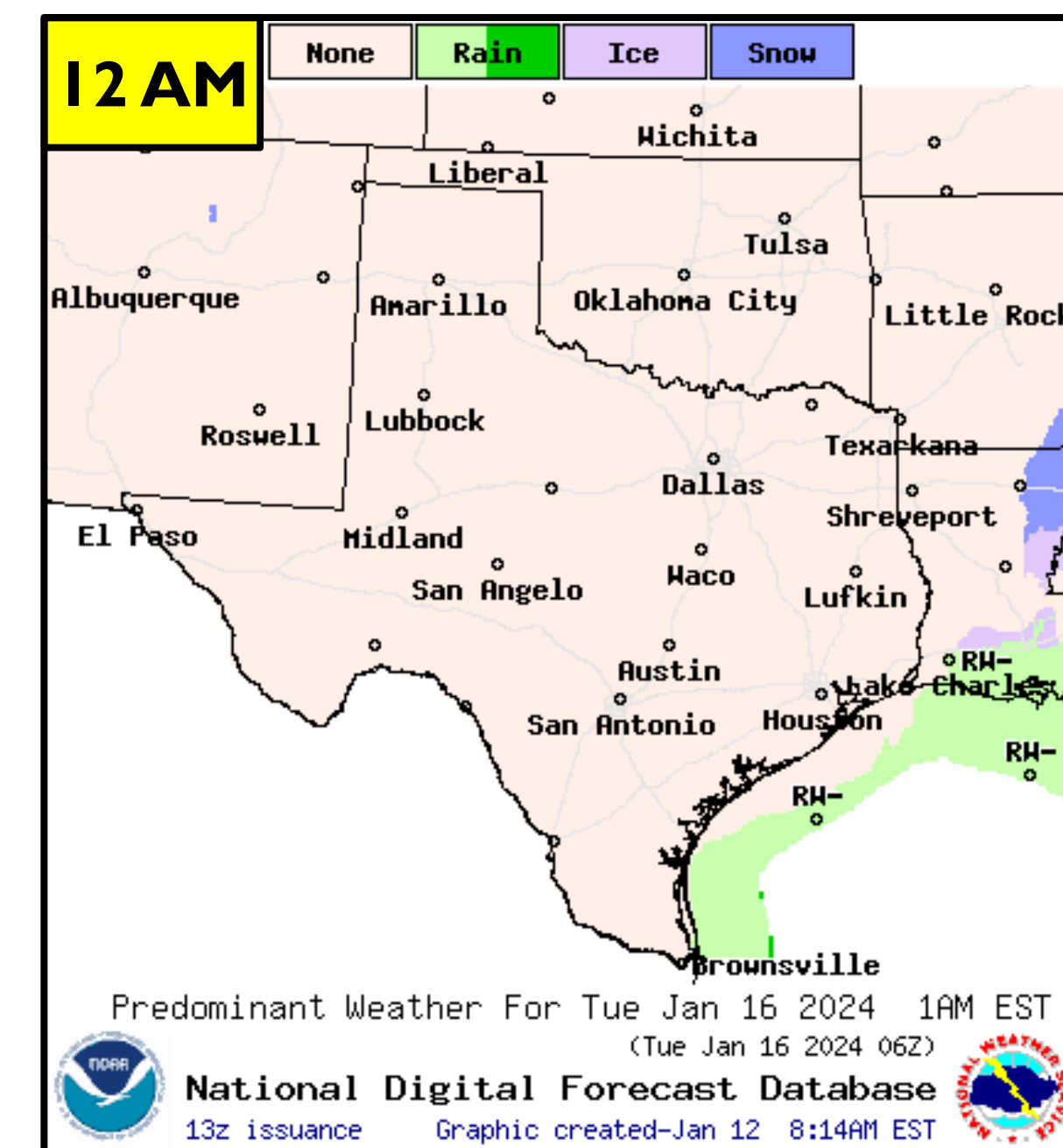
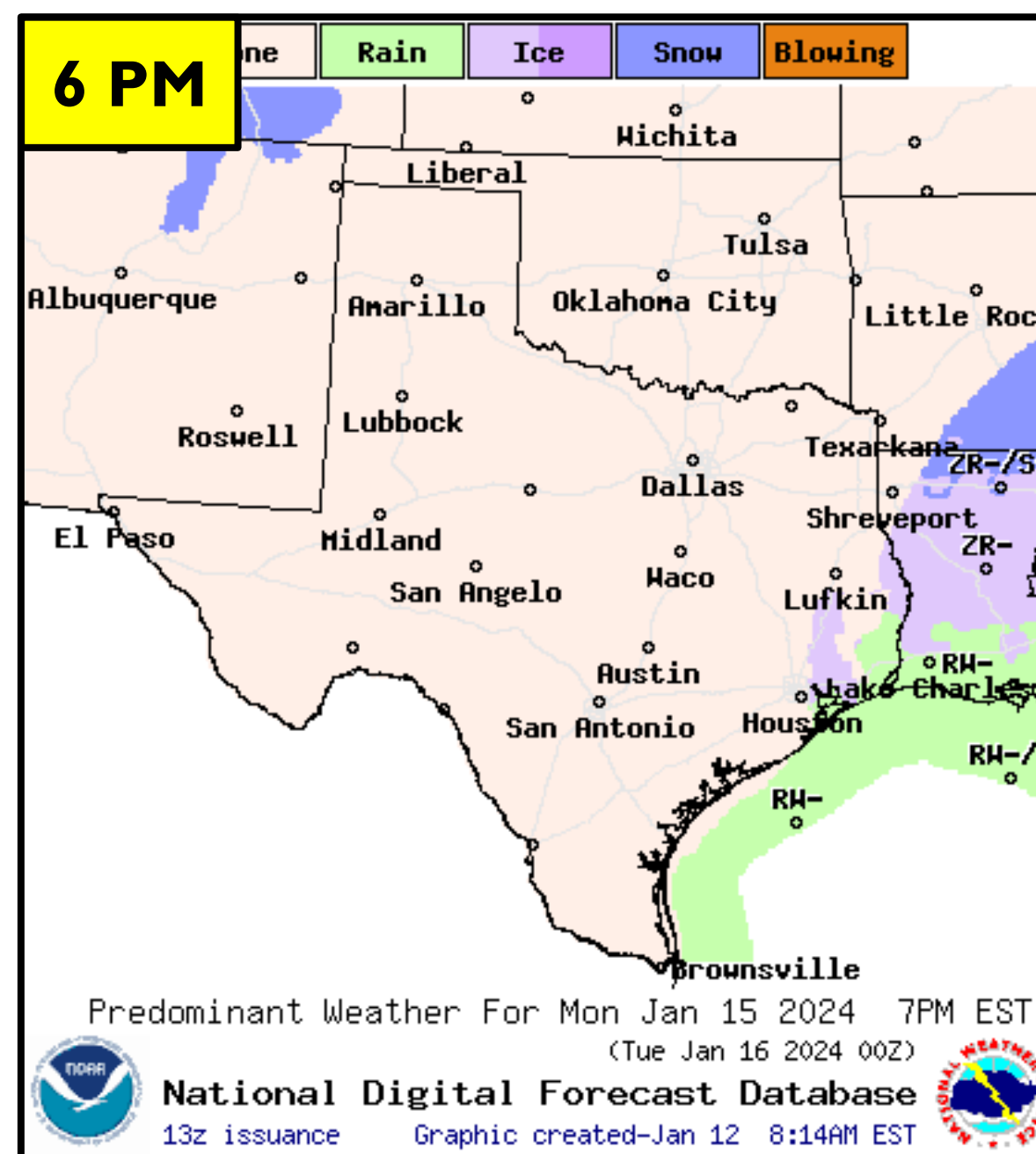
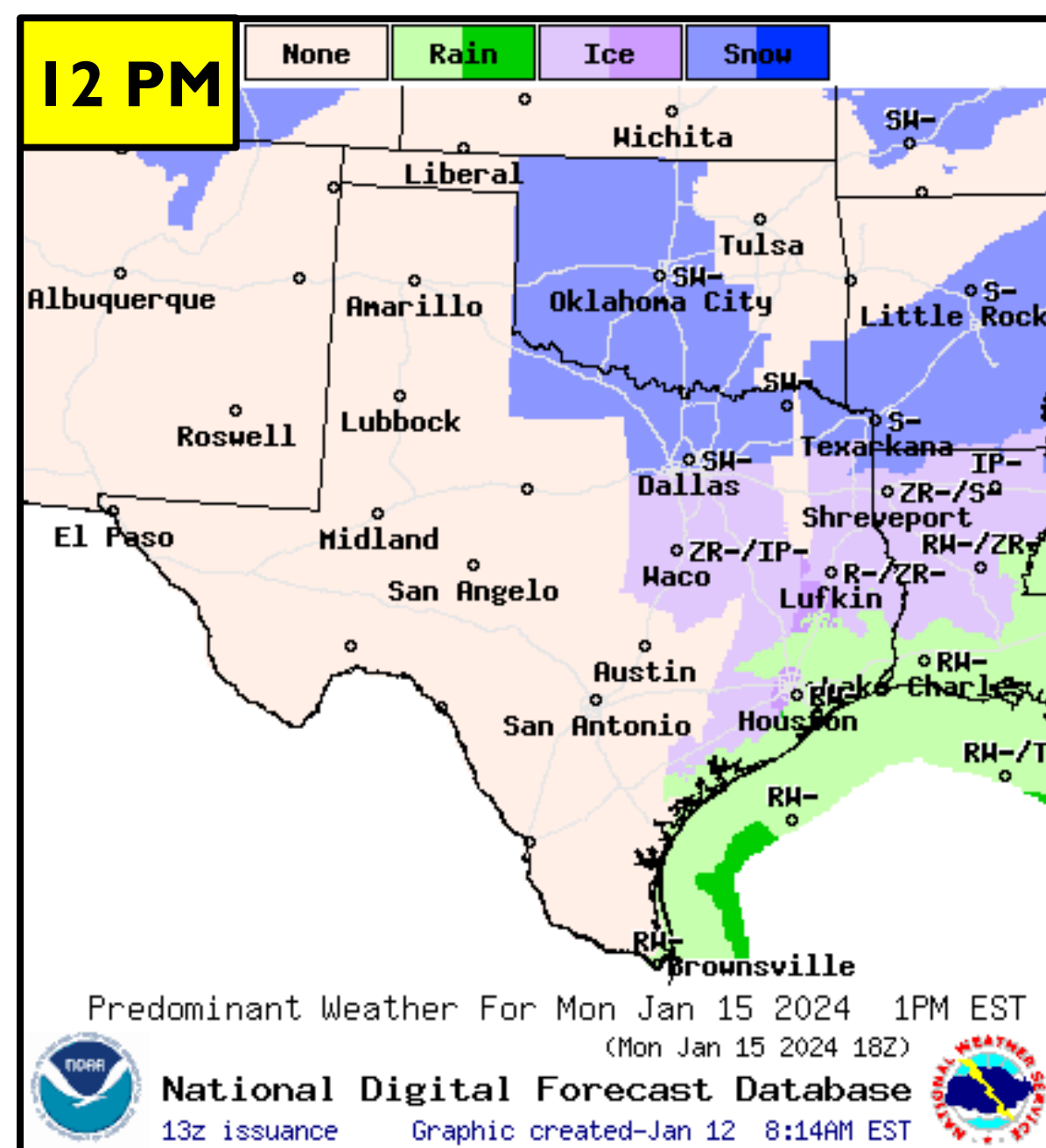
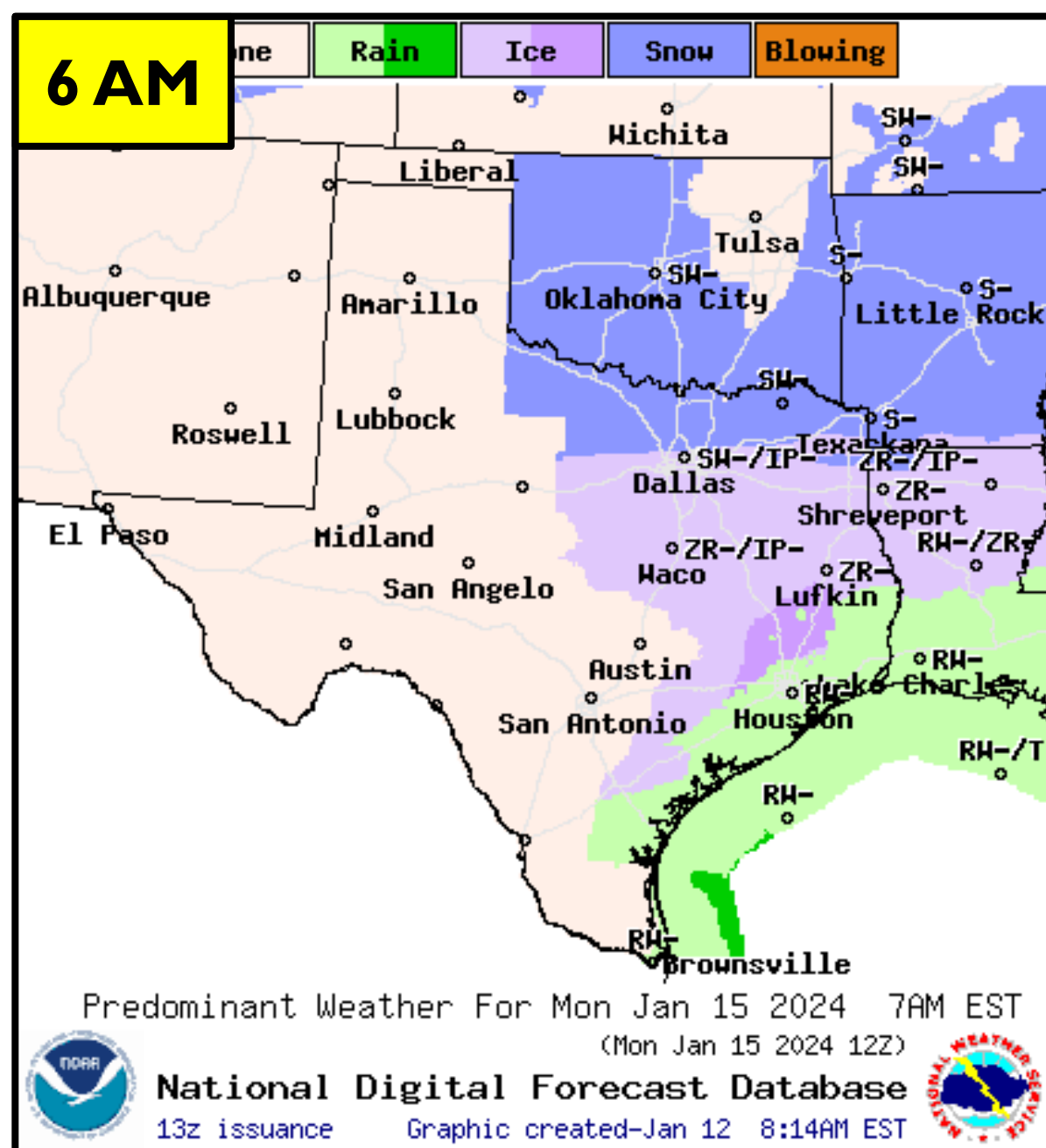
# Timing - Sunday's Weather







# Timing - Monday's Weather

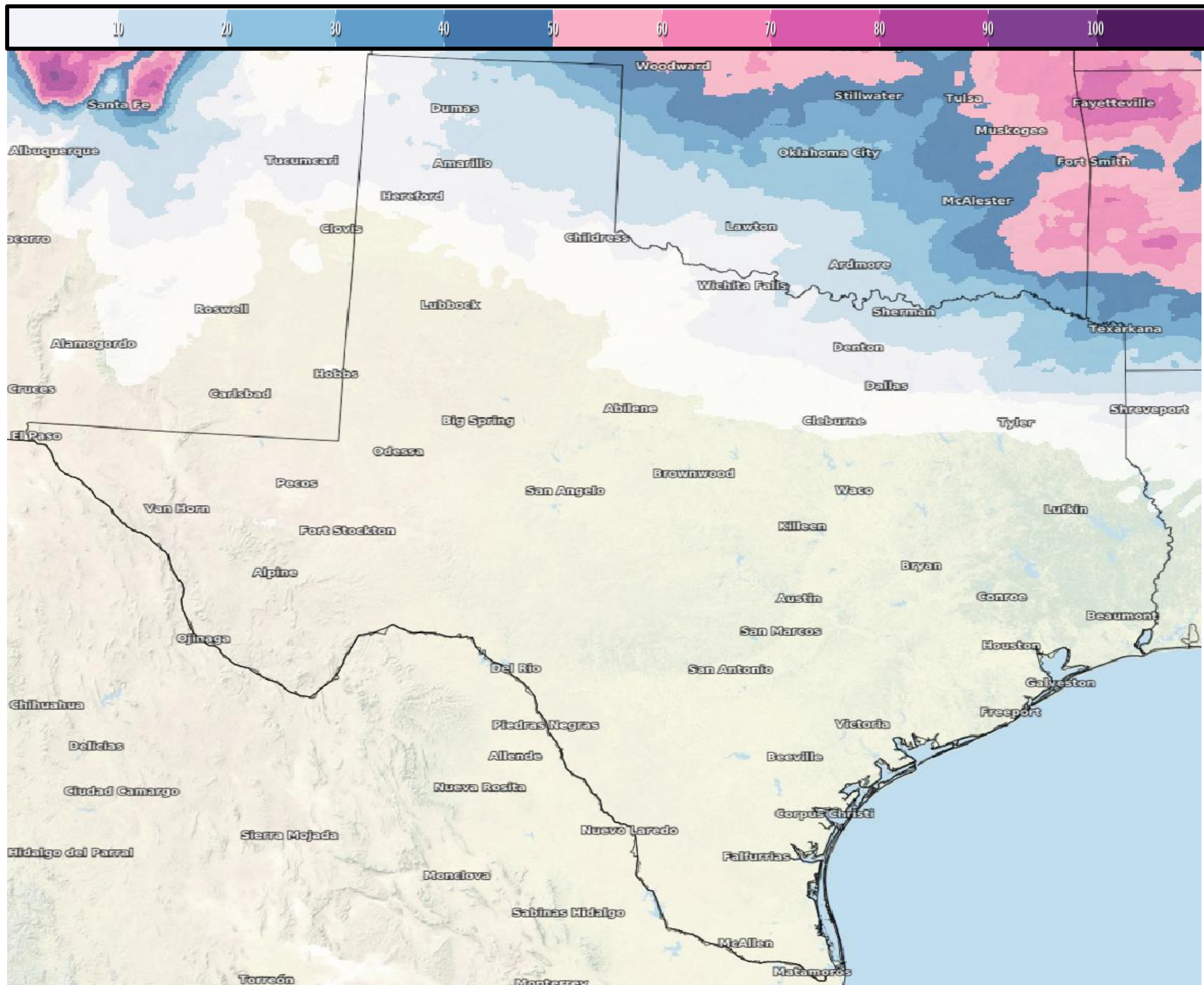




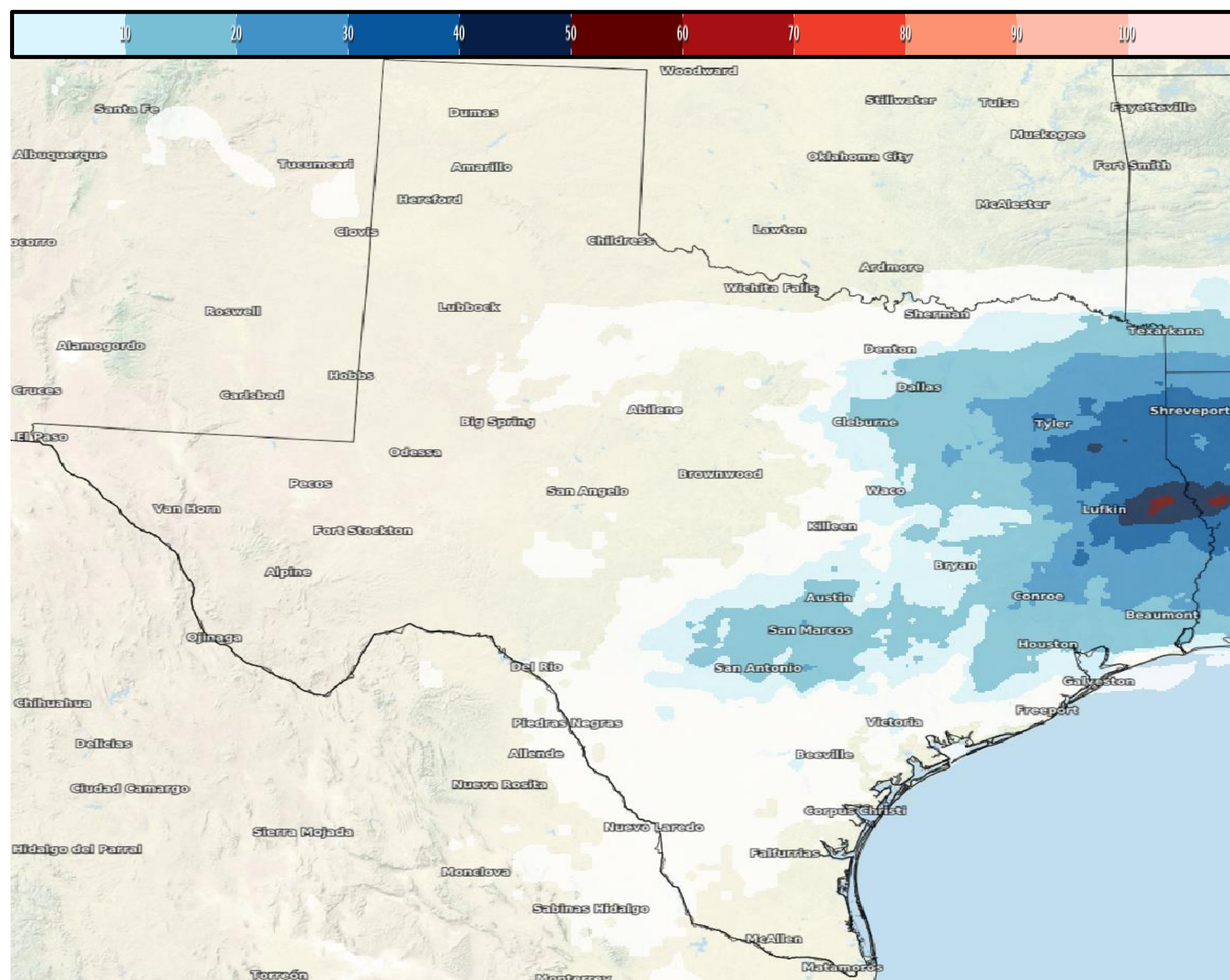


# Winter Weather Potential

**48 Hour Probability of Snow > 1.0"**  
**From 6am Sun – 6am Tue**



**48 Hour Probability of Ice > 0.01"**  
**From 6am Sun – 6am Tue**

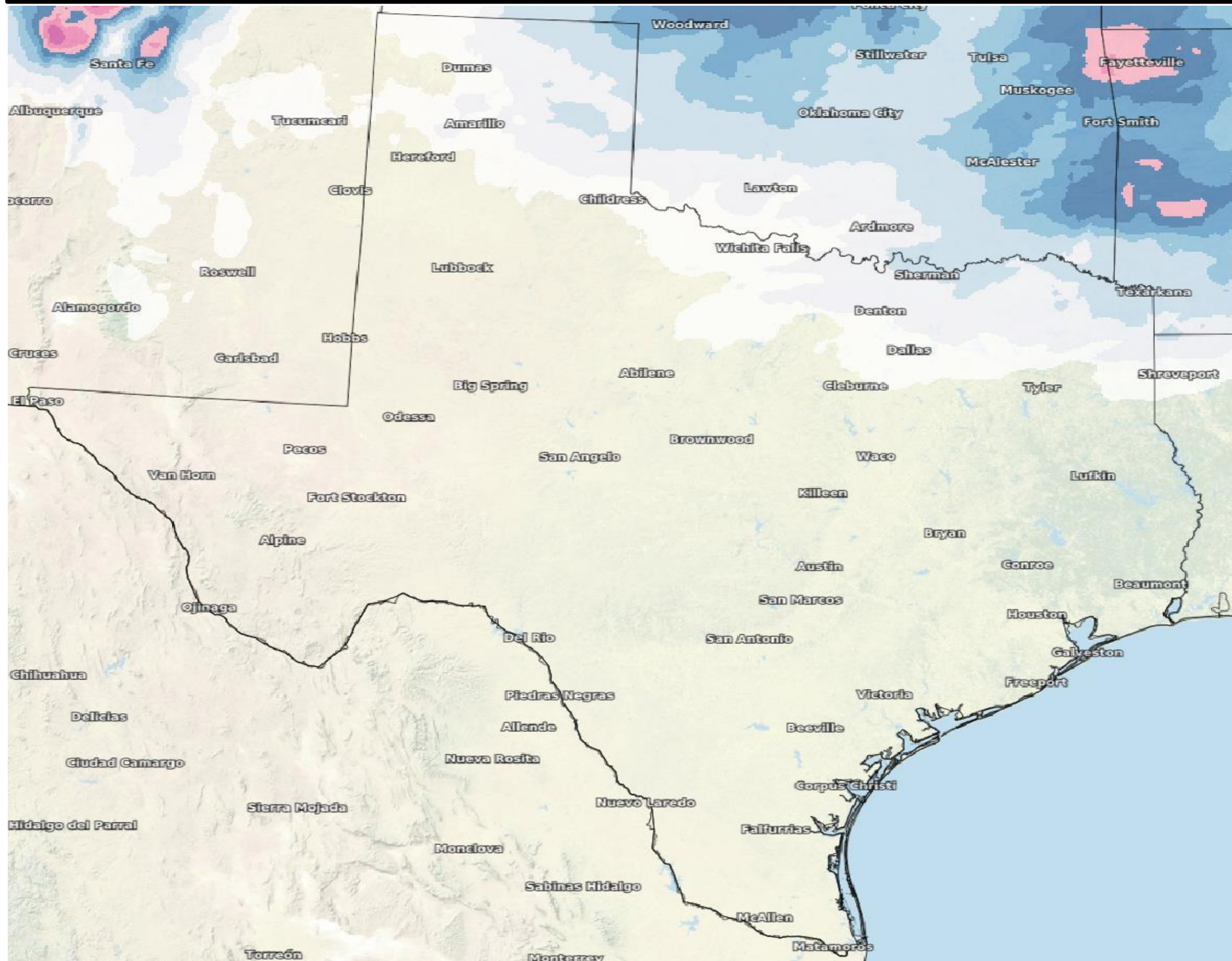




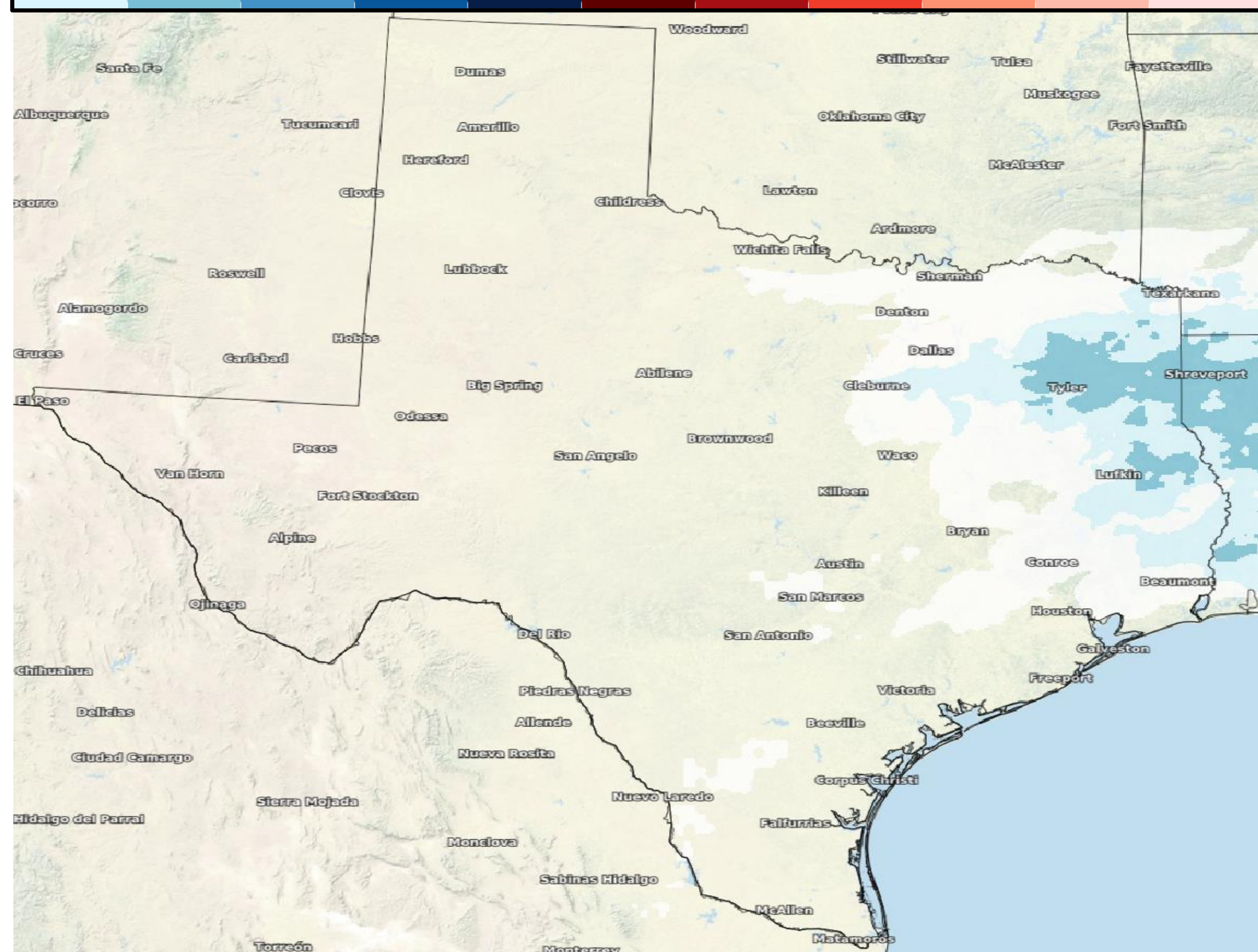


# Winter Weather Potential

**48 Hour Probability of Snow > 2.0"**  
**From 6am Sun – 6am Tue**



**48 Hour Probability of Ice > 0.10"**  
**From 6am Sun – 6am Tue**



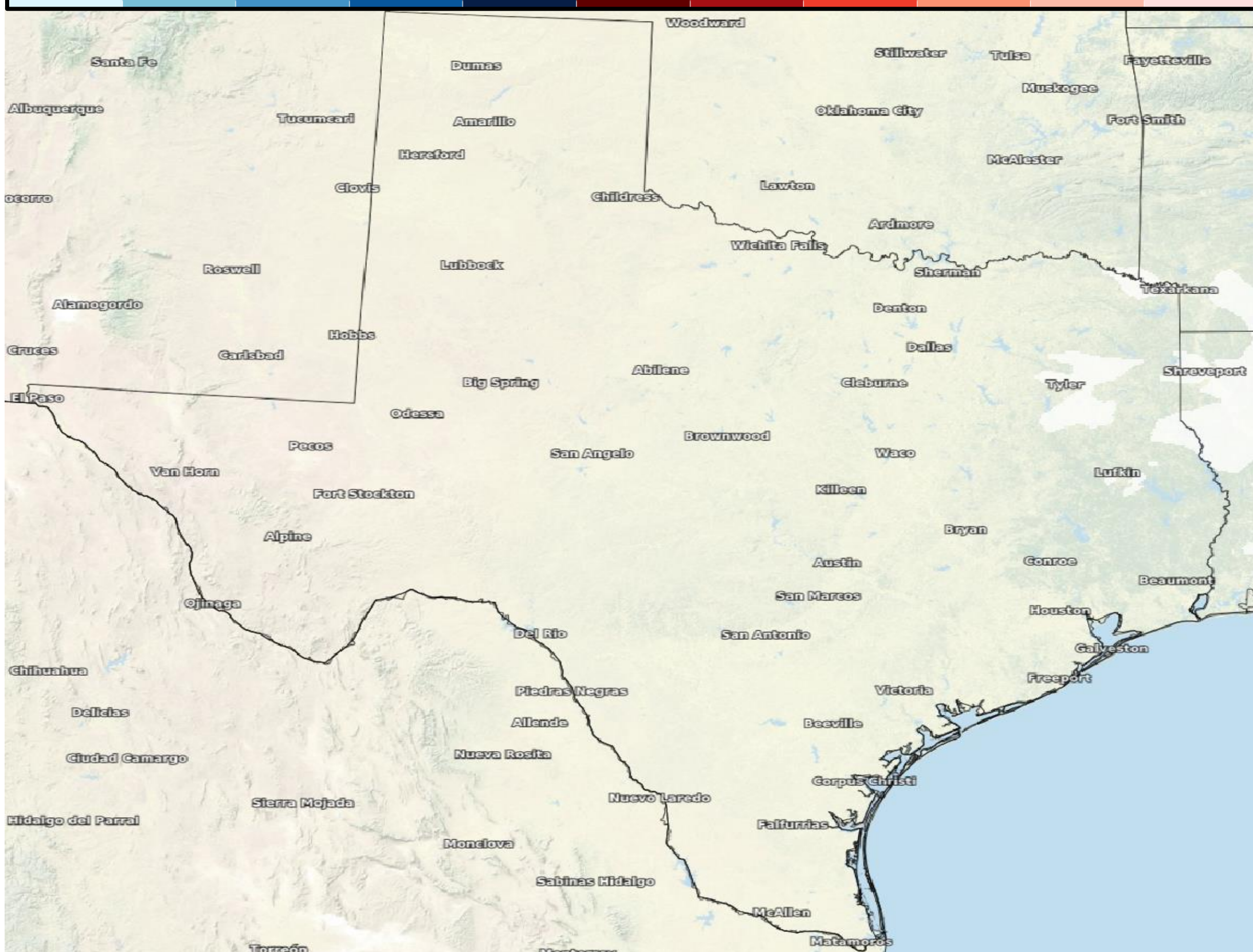
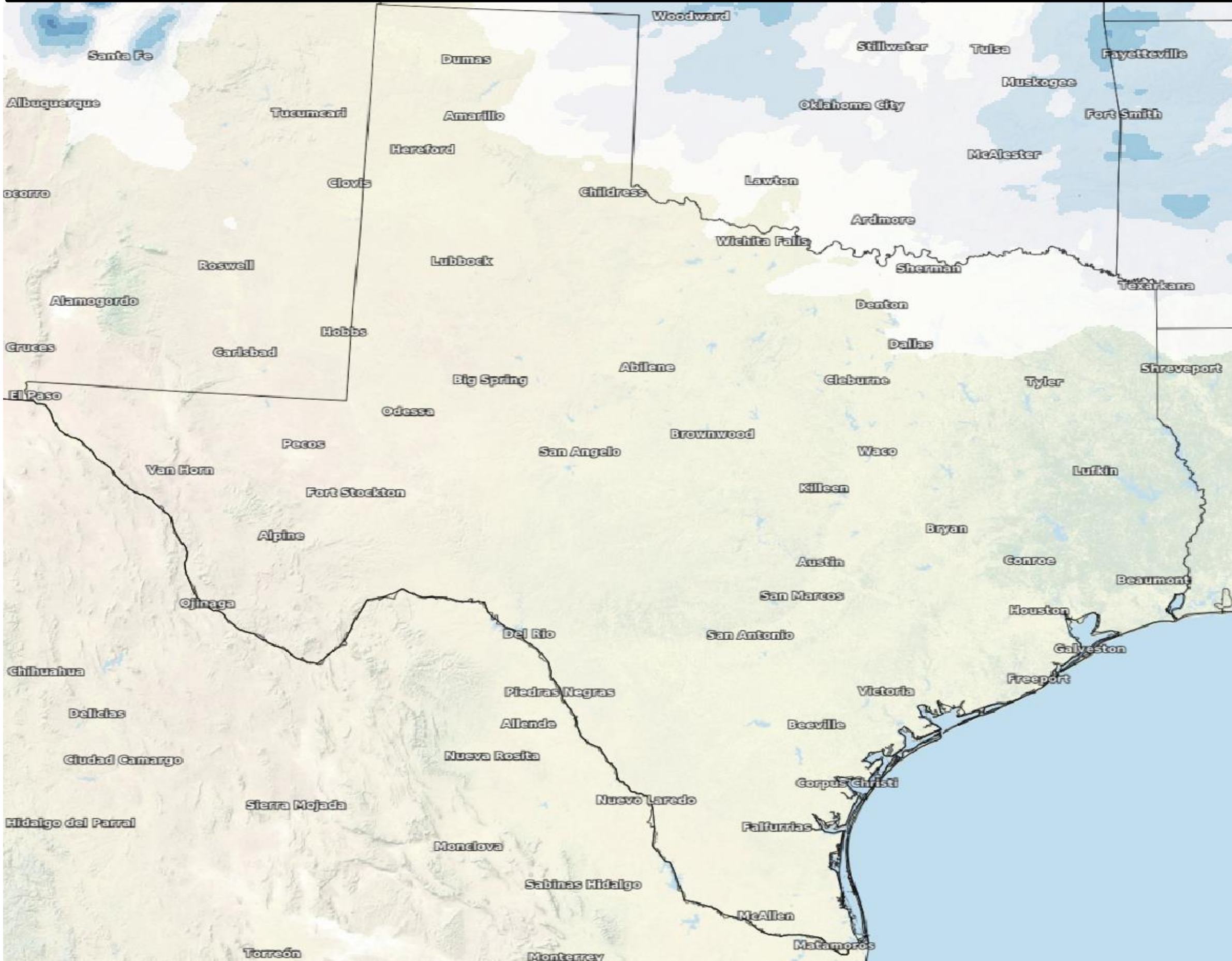




# Winter Weather Potential

**48 Hour Probability of Snow > 4.0"**  
**From 6am Sun – 6am Tue**

**48 Hour Probability of Ice > 0.25"**  
**From 6am Sun – 6am Tue**





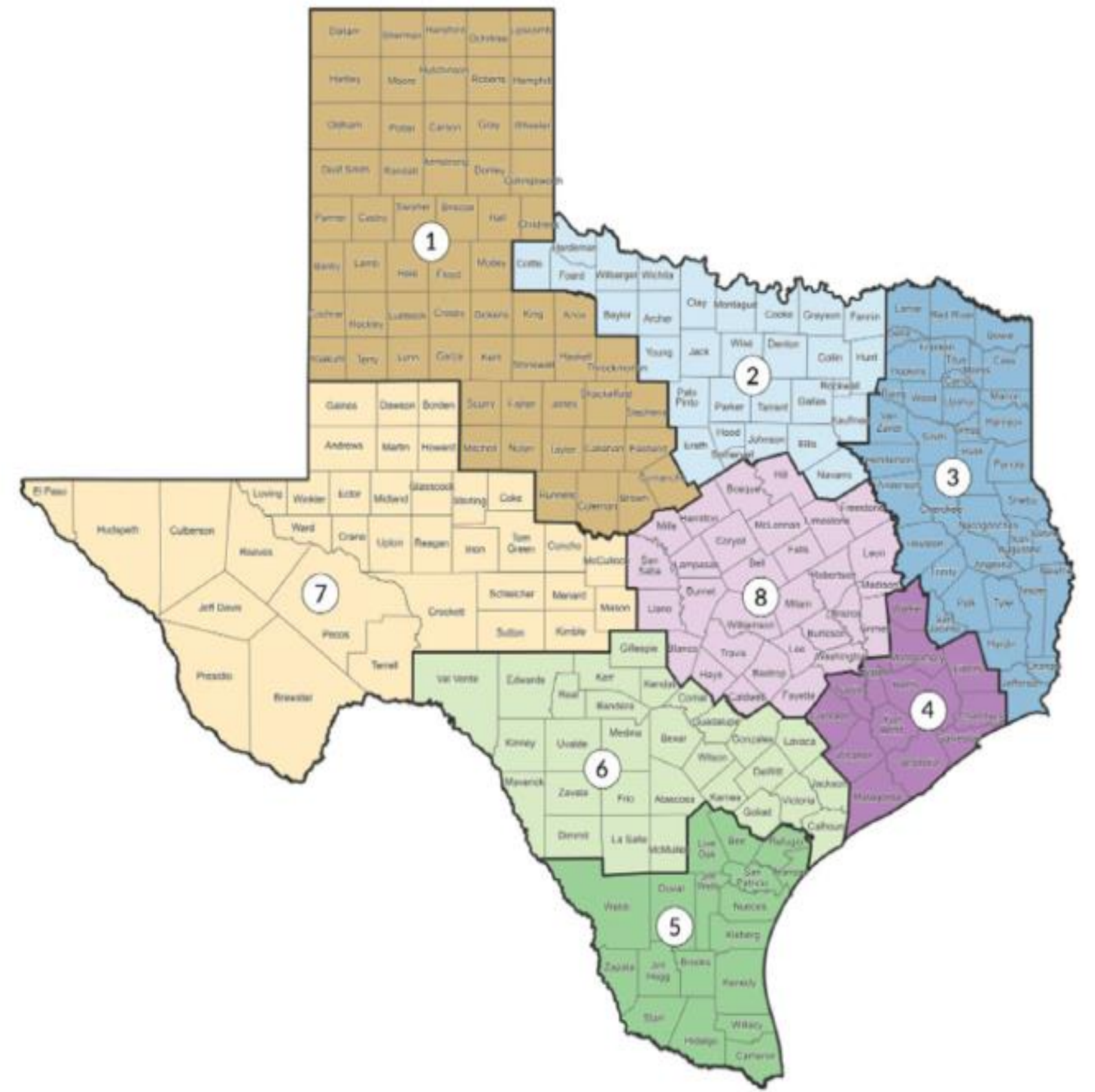


# Summary

	FRI	SAT	SUN	MON	TUE	WED
<b>Severe Weather</b>						
<b>Flash Flooding</b>						
<b>Fire Weather</b>		Regions 5, 6				
<b>Winds</b>		Regions 5, 6				
<b>Cold</b>		Region 1, 2	All Regions (except 5)	All Regions	All Regions	All Regions
<b>Winter Weather</b>			Regions 2, 3, 4, 8	Regions 2, 3, 4, 8		
<b>River Flooding</b>						



## TDEM Regions

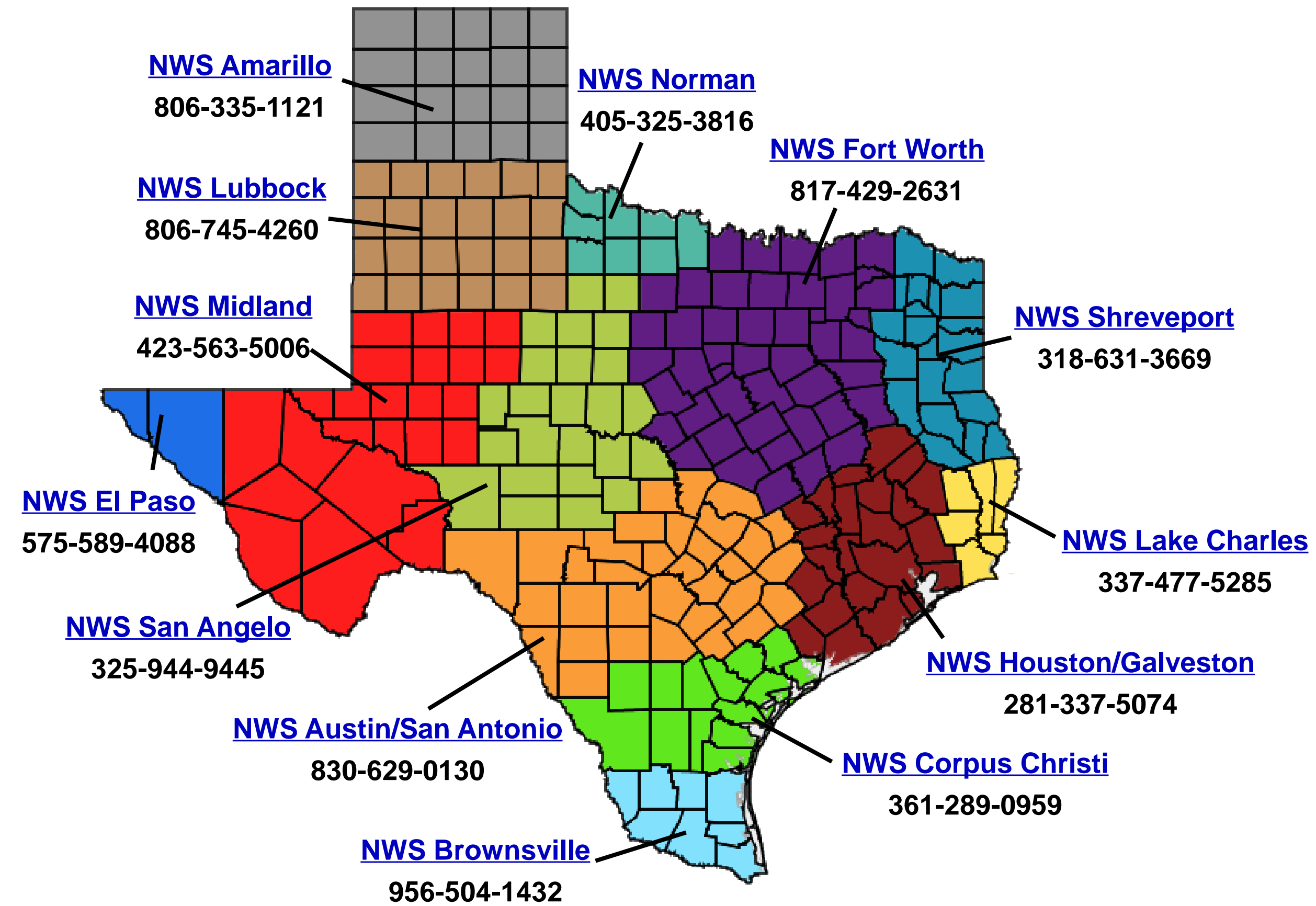
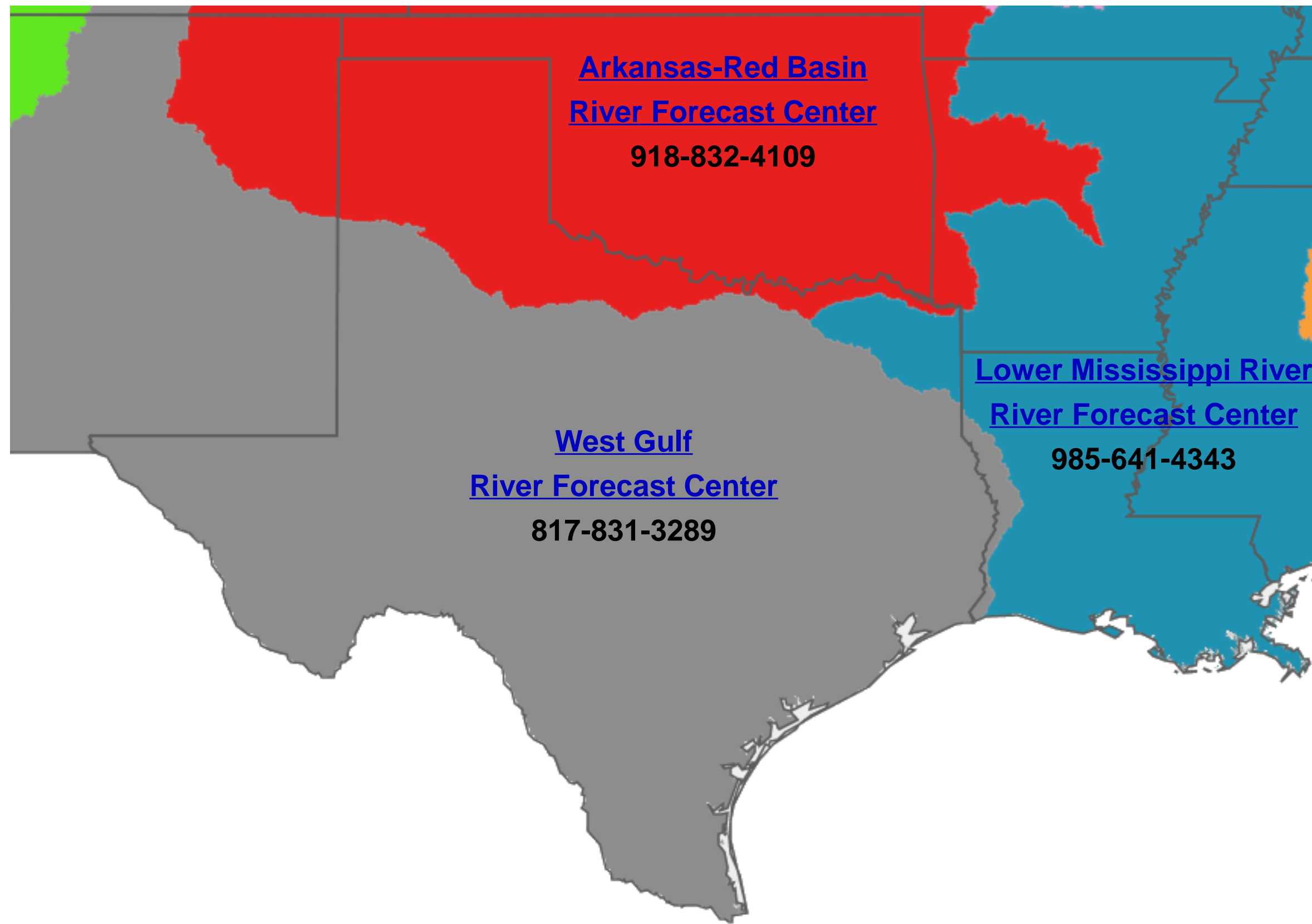


<b>Risk Level</b>	Marginal	Slight	Enhanced	Moderate	High
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# NWS Offices Supporting Texas



**SR ROC Phone: 682-703-3747**



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



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