



# FEMA



Prepared by  
*Mark Wiley*

# FEMA Region 6 Weather Threat Briefing

## Thursday, March 14, 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](http://www.weather.gov/srh).





# Summary of the Upcoming Week

- **Slight to enhanced risk of severe thunderstorms with heavy rain across E OK, N/NE TX, AR today.**
  - **Very large hail/damaging wind/tornado threat from late afternoon into early Friday morning.**
- **Marginal to slight risk of severe storms with heavy rain from SC TX into W LA on Friday with heavy rain threat continuing over S/SE TX, S LA through the weekend.**
- **Heavy snow and winds gusting to 50 mph in NM will have travel impacts for I-40 and I-25.**
- **Minor river flooding lingers in NW/SE LA.**





# FEMA Region 6 Threat Matrix

Next 5 Days

|                             | Thursday, Mar 14 | Friday, Mar 15 | Saturday, Mar 16 | Sunday, Mar 17 | Monday, Mar 18 |
|-----------------------------|------------------|----------------|------------------|----------------|----------------|
| Severe Storms               | E OK, W/N AR     | STX            | SWTX             |                |                |
|                             | N/NETX, S/E AR   |                |                  |                |                |
| Heavy Rain / Flash Flooding | SE OK, NETX, AR  | E/SETX, W LA   | S/SETX           | SETX, S LA     |                |
| Fire Weather                |                  |                |                  |                |                |
| Cold                        |                  |                |                  |                |                |
| Winter Weather              | NM               | NM             |                  |                |                |
| River Flooding              | NW/SE LA         | NW/SE LA       | NW/SE LA         | NW/SE LA       | NW/SE LA       |

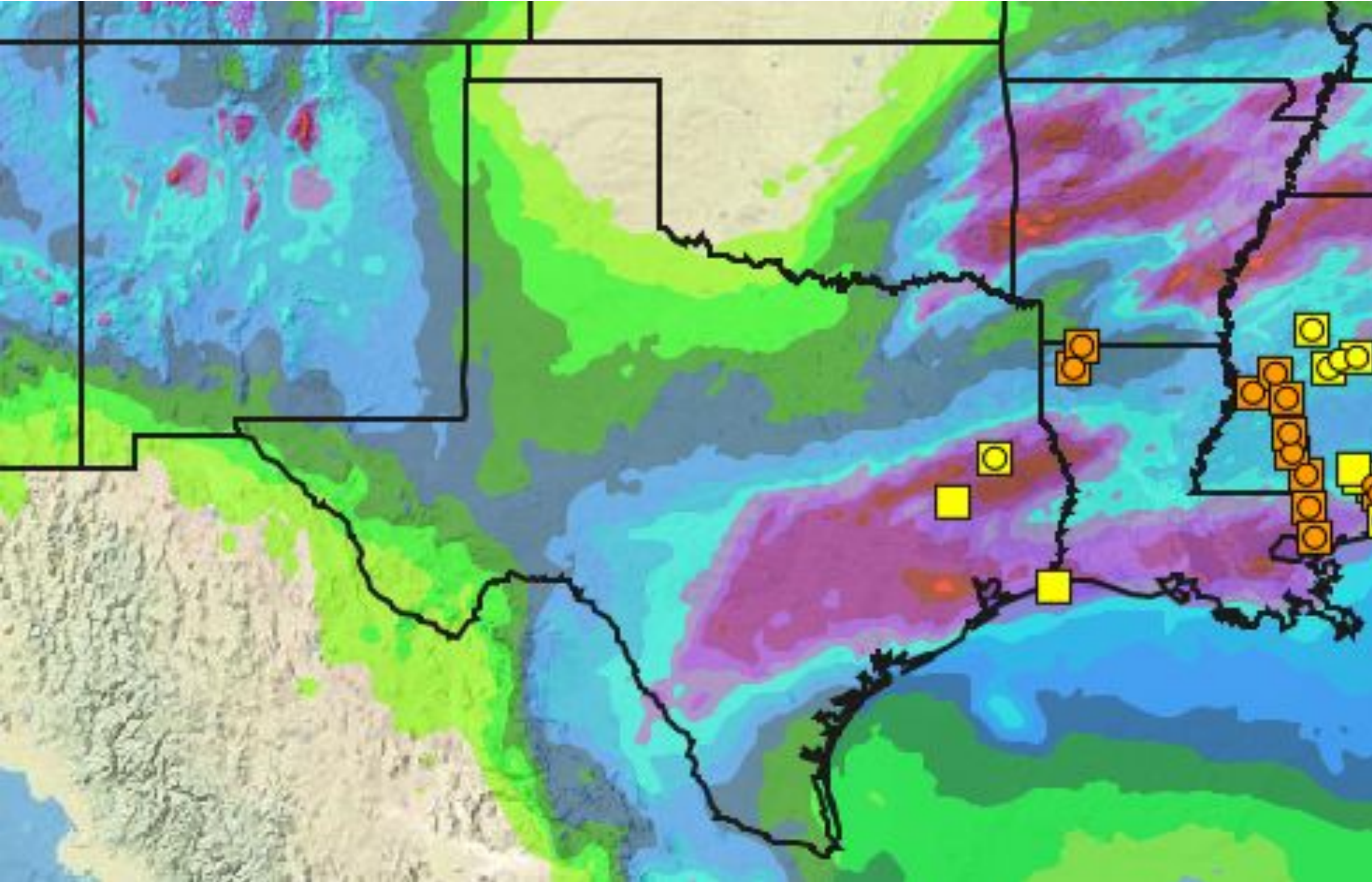
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

*\*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*



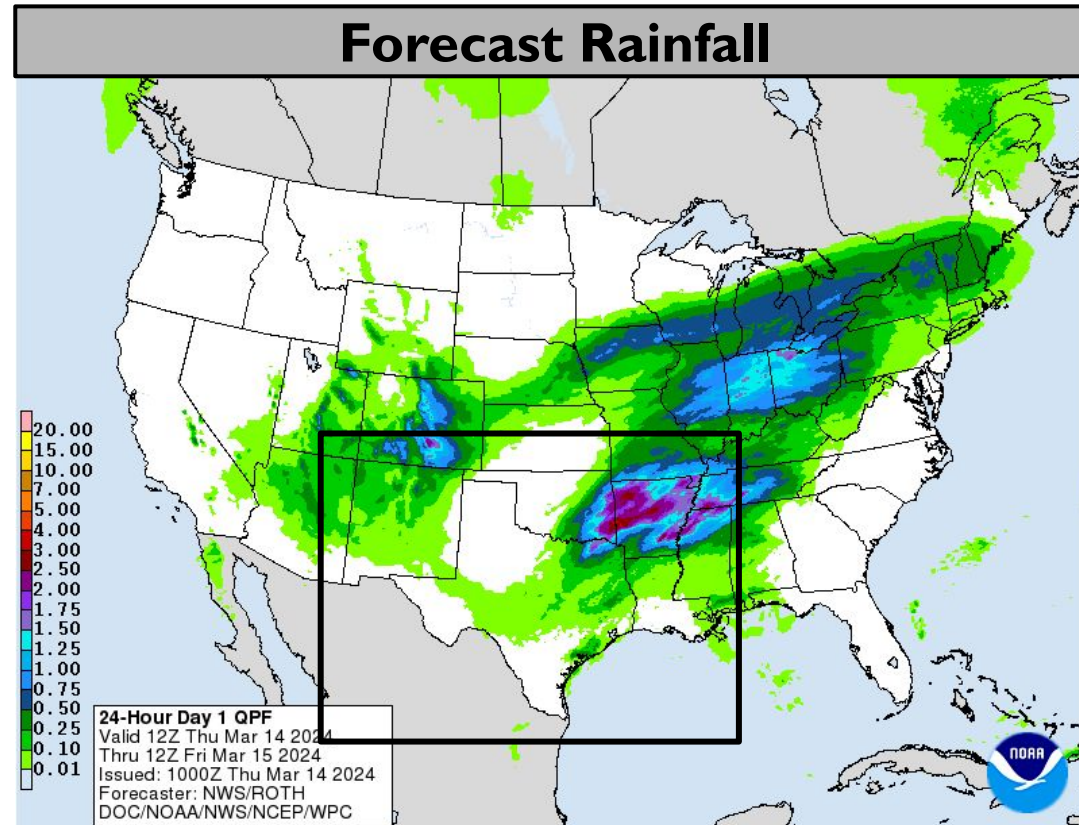
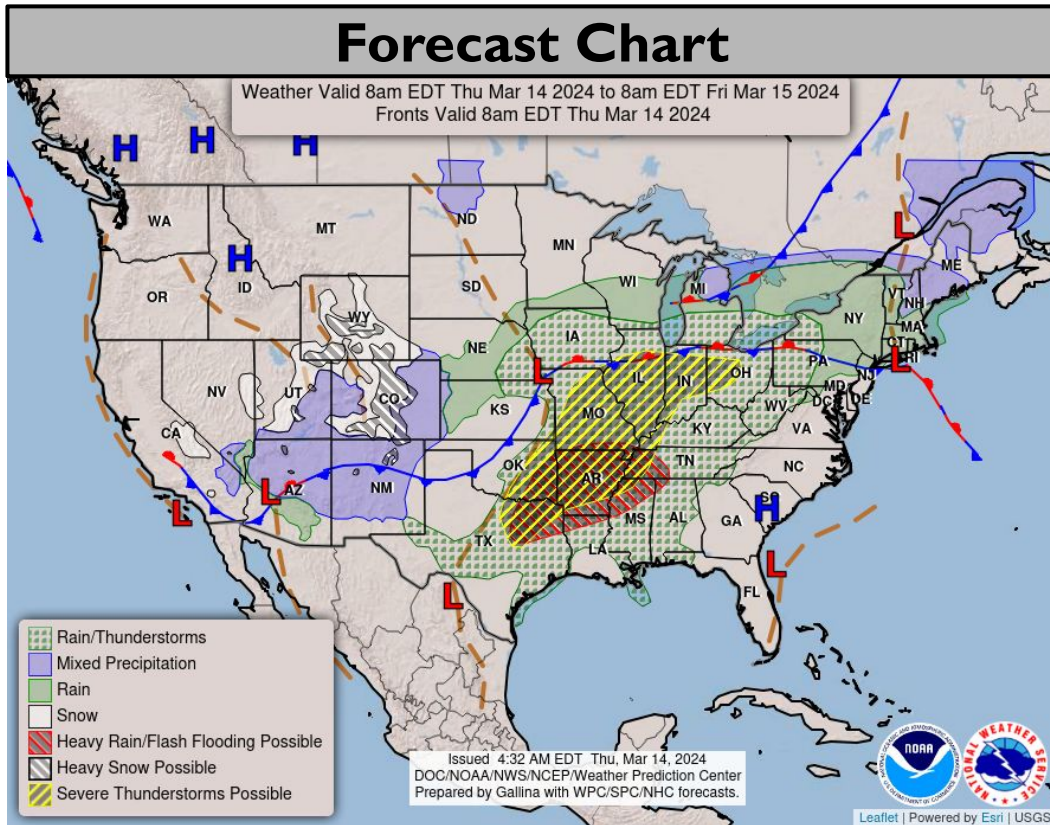
**Minor river flooding in  
NW LA and SE LA.  
Approximately 20 homes  
threatened near the gauge along  
the Pearl River in SE LA.**

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

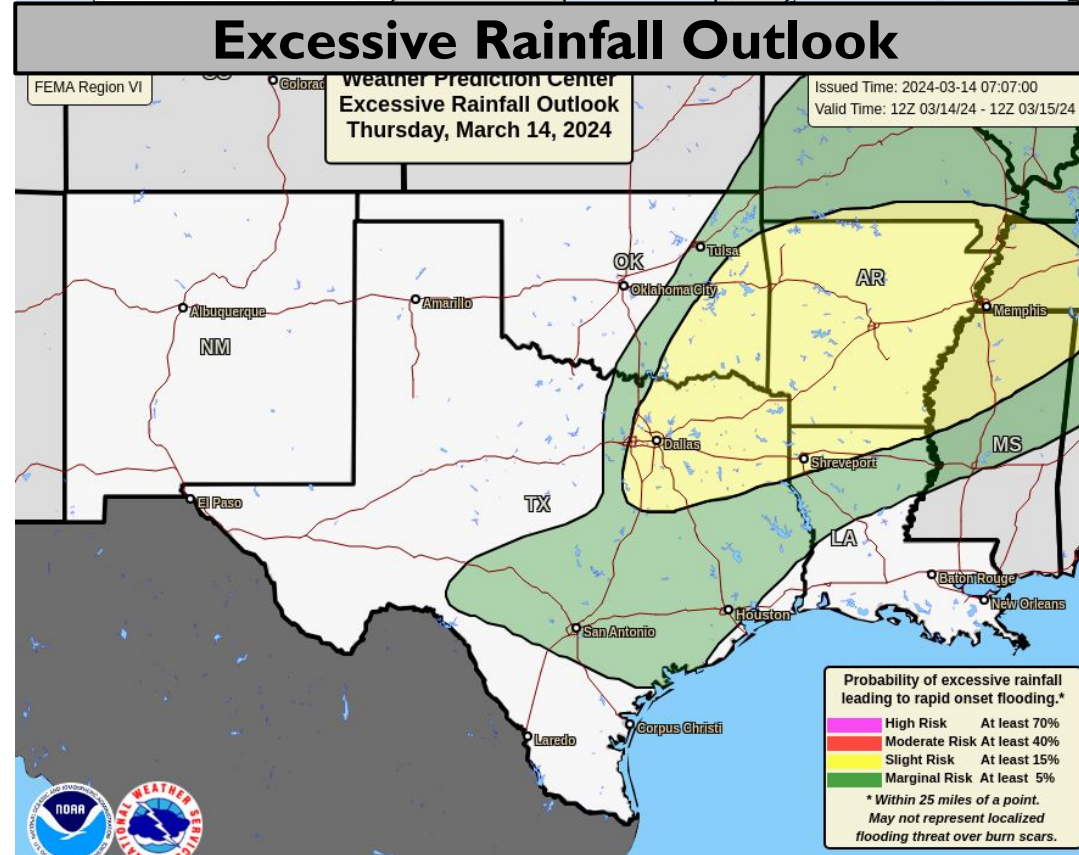
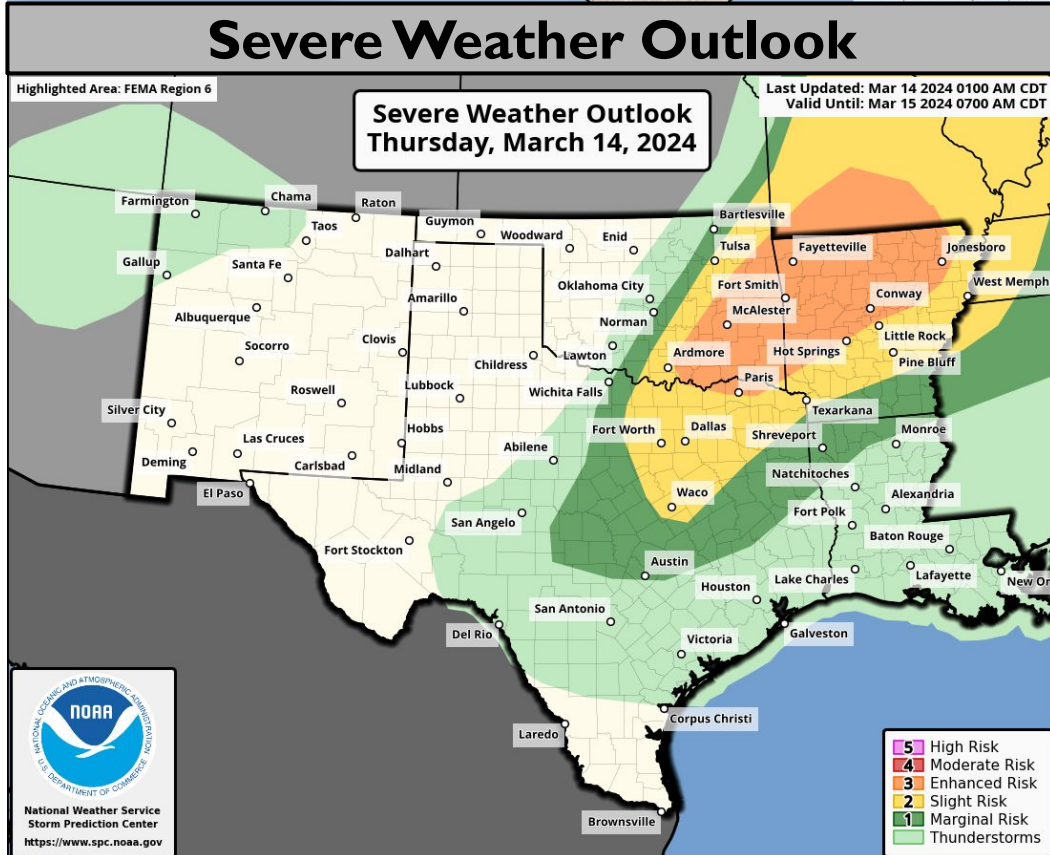




# Today's Weather

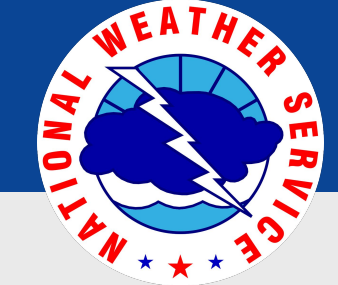


**Slight to enhanced risk of severe thunderstorms across E OK, N/NE TX, AR, NW LA. Very large hail/damaging wind/tornado threat from late afternoon into late Thursday night/early Friday morning.**



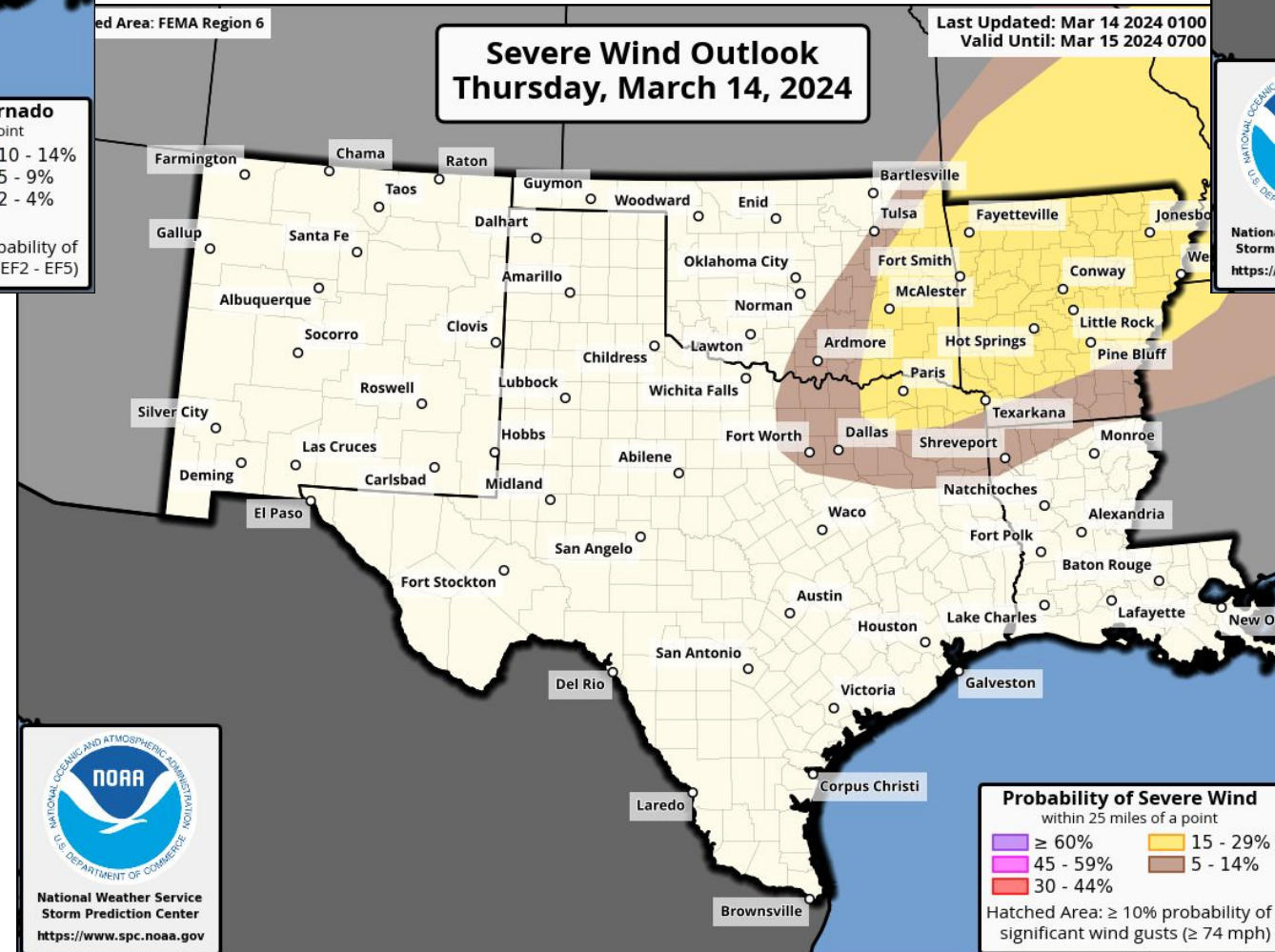
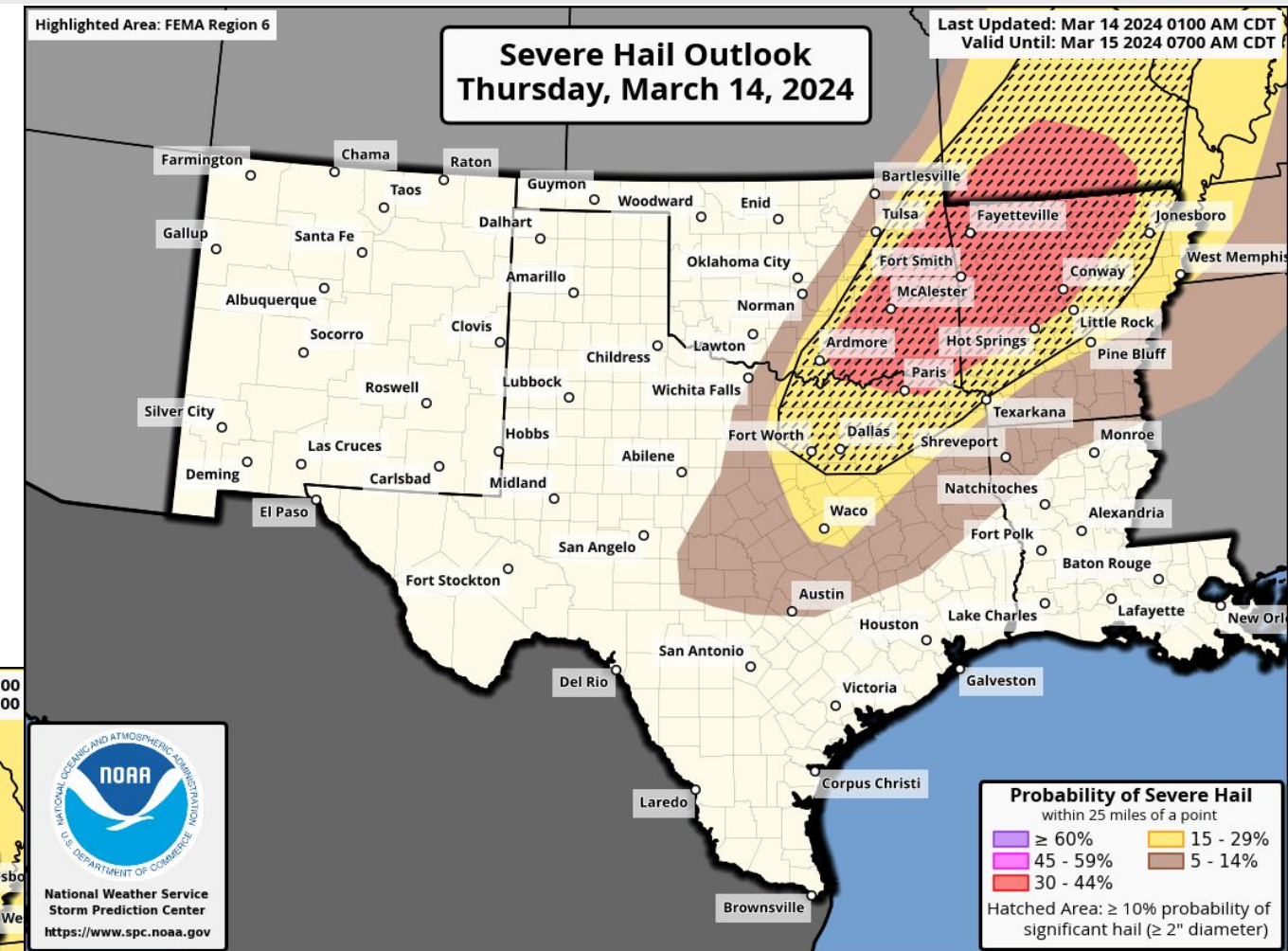
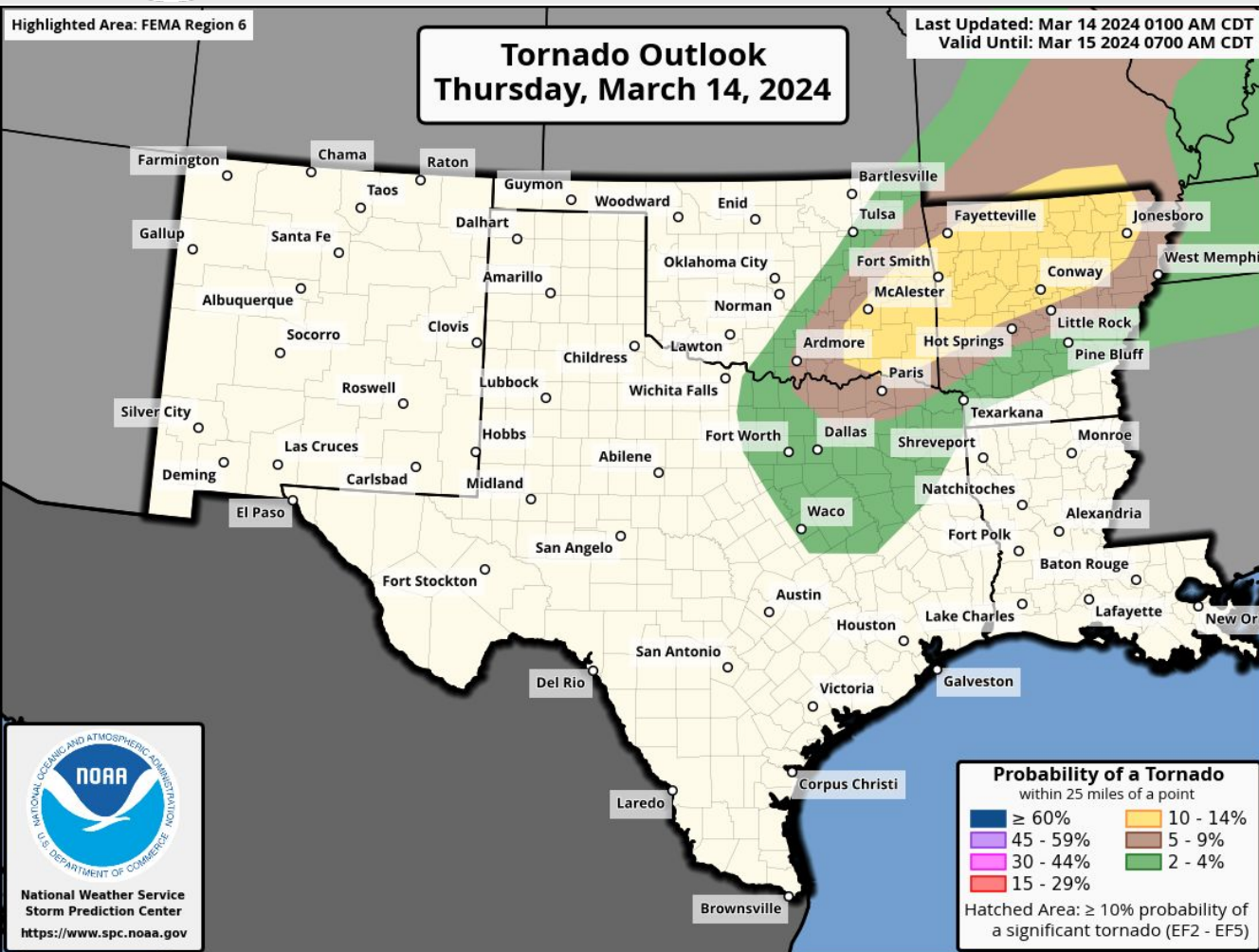
**Slight risk of heavy rain/flash flooding across SE OK, NE TX, AR and N LA.**

**Heavy snow and winds gusting to 50 mph in NM late today into Friday will bring moderate to major travel impacts to I-40 and I-25.**



# Today's Tornado & Severe Wind / Hail Probabilities

March 14, 2024

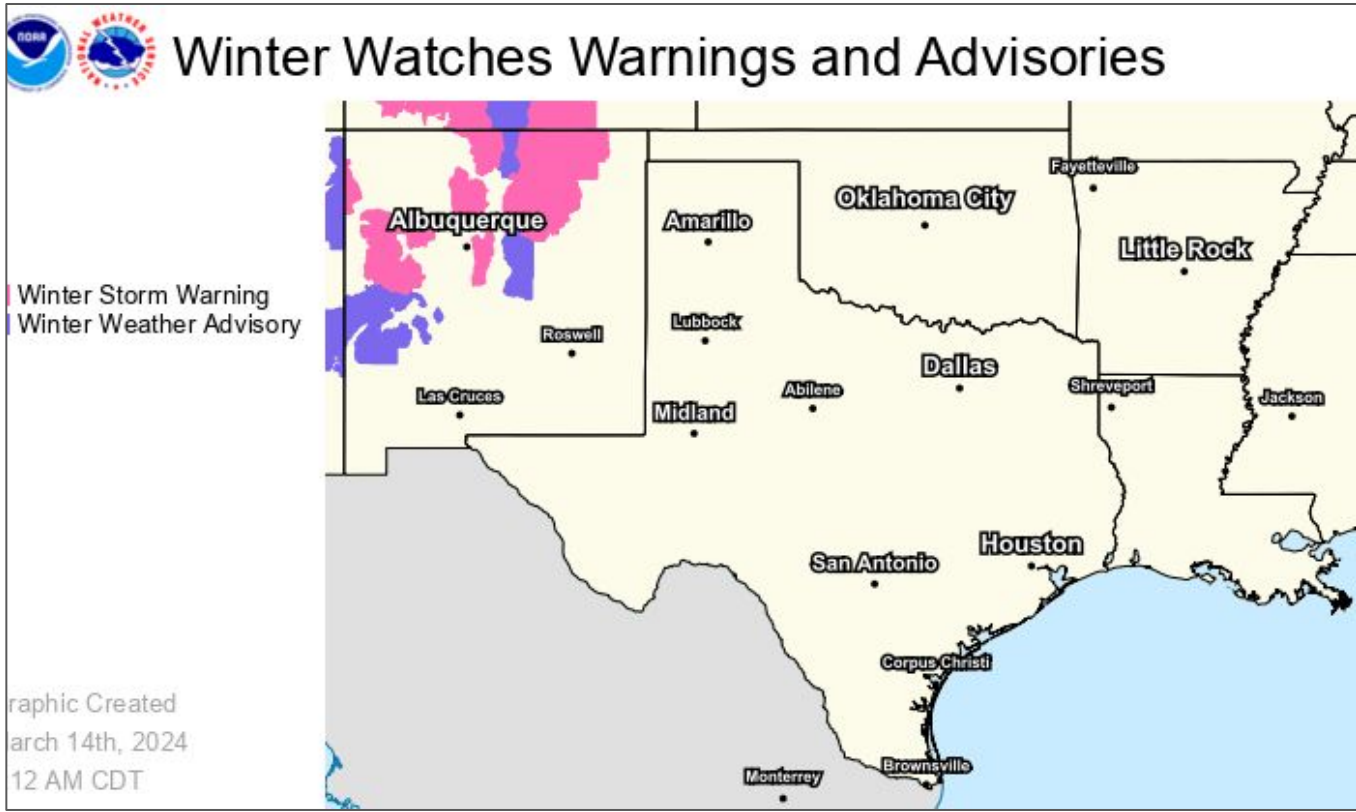
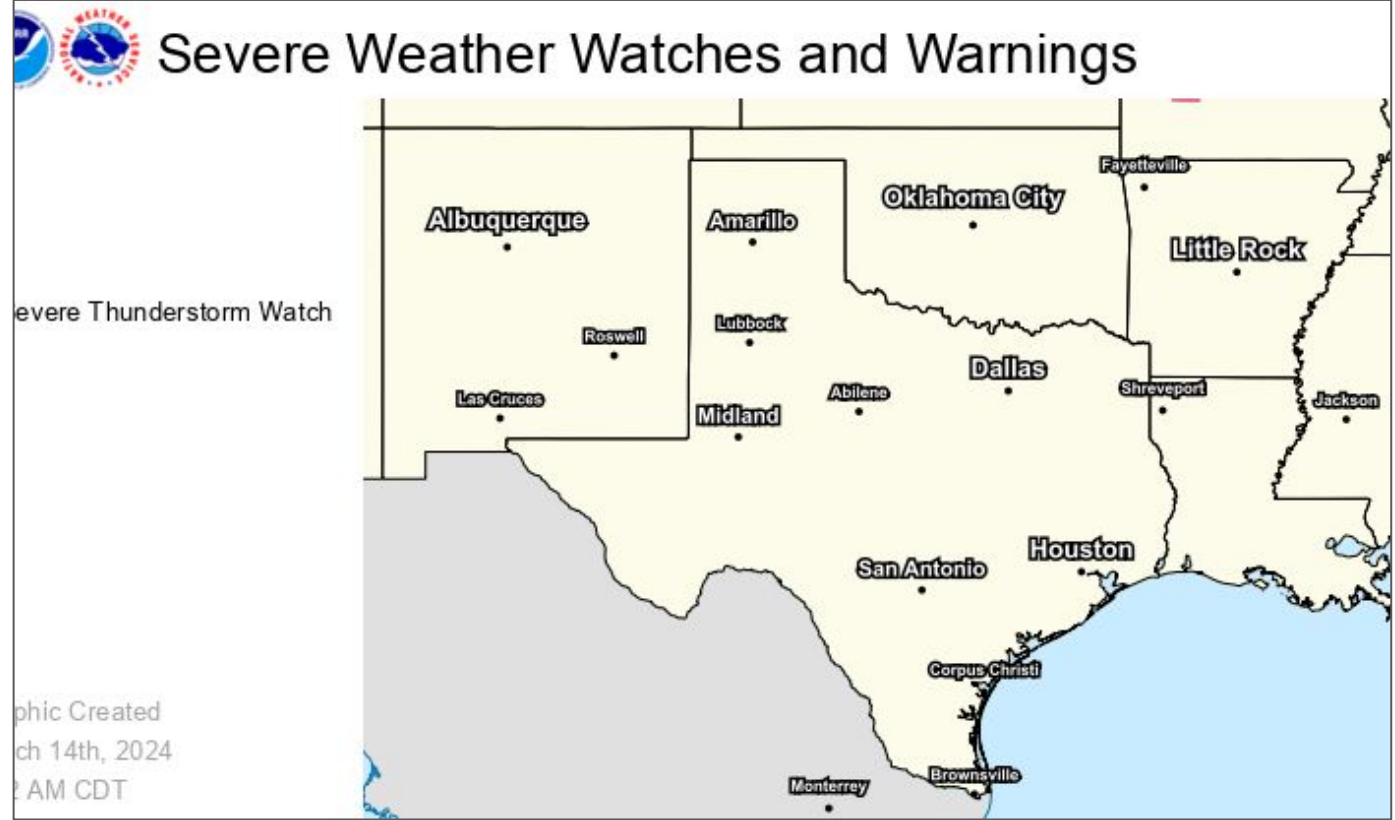
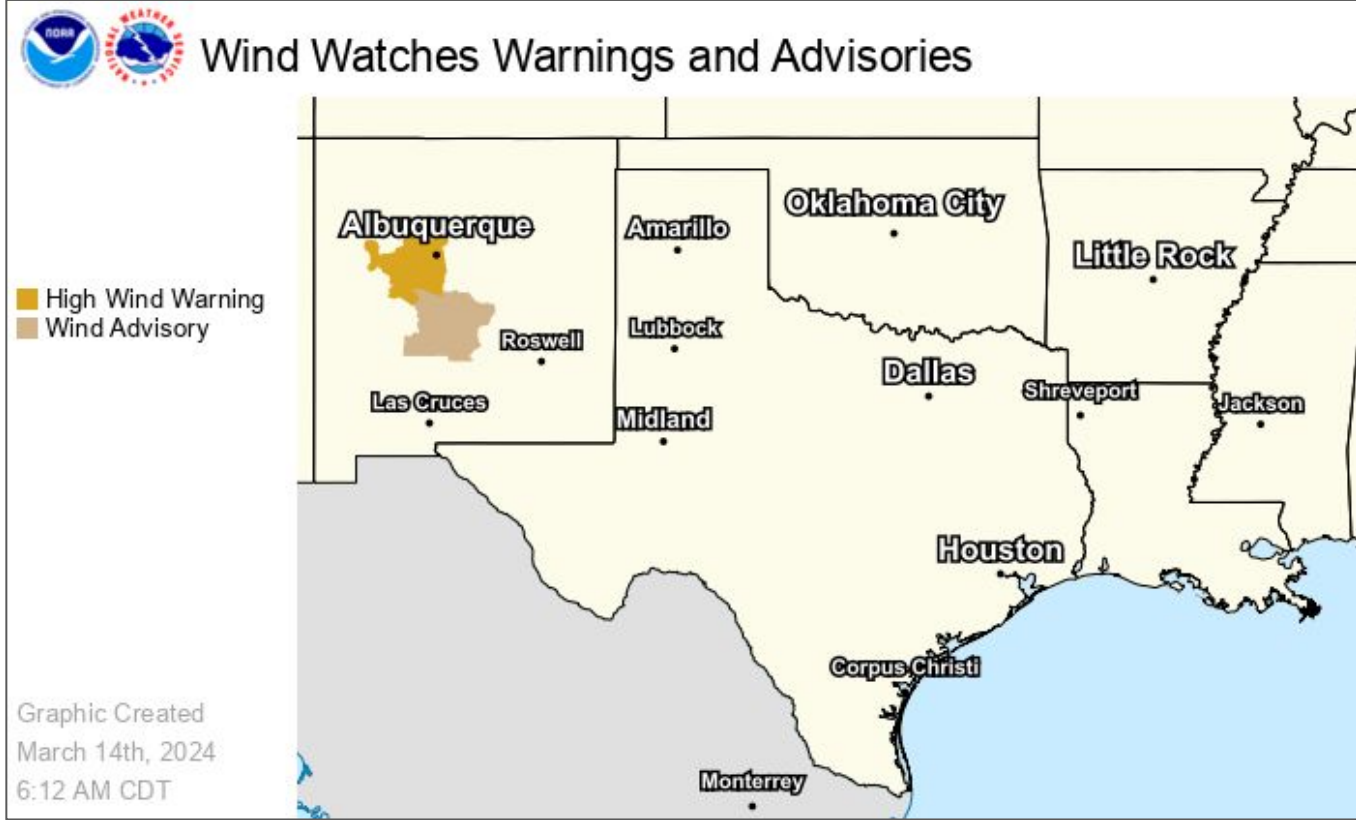


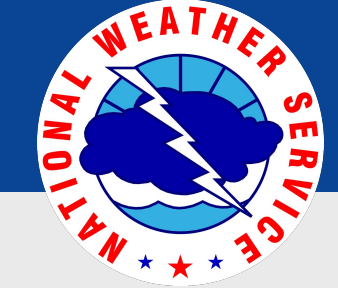


# Watches, Warnings, and Advisories

## Wind, Severe, Winter, and Flood Hazards

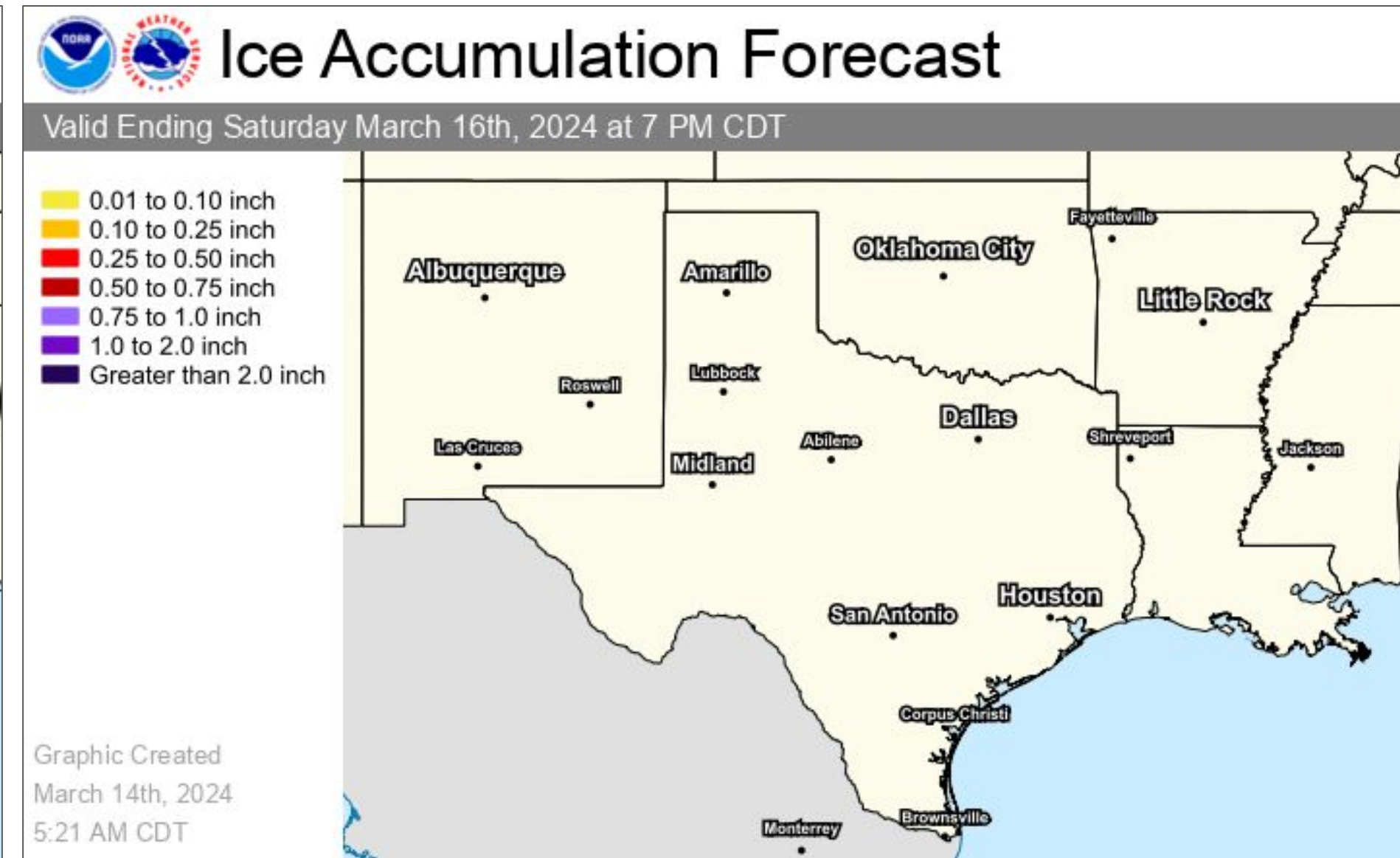
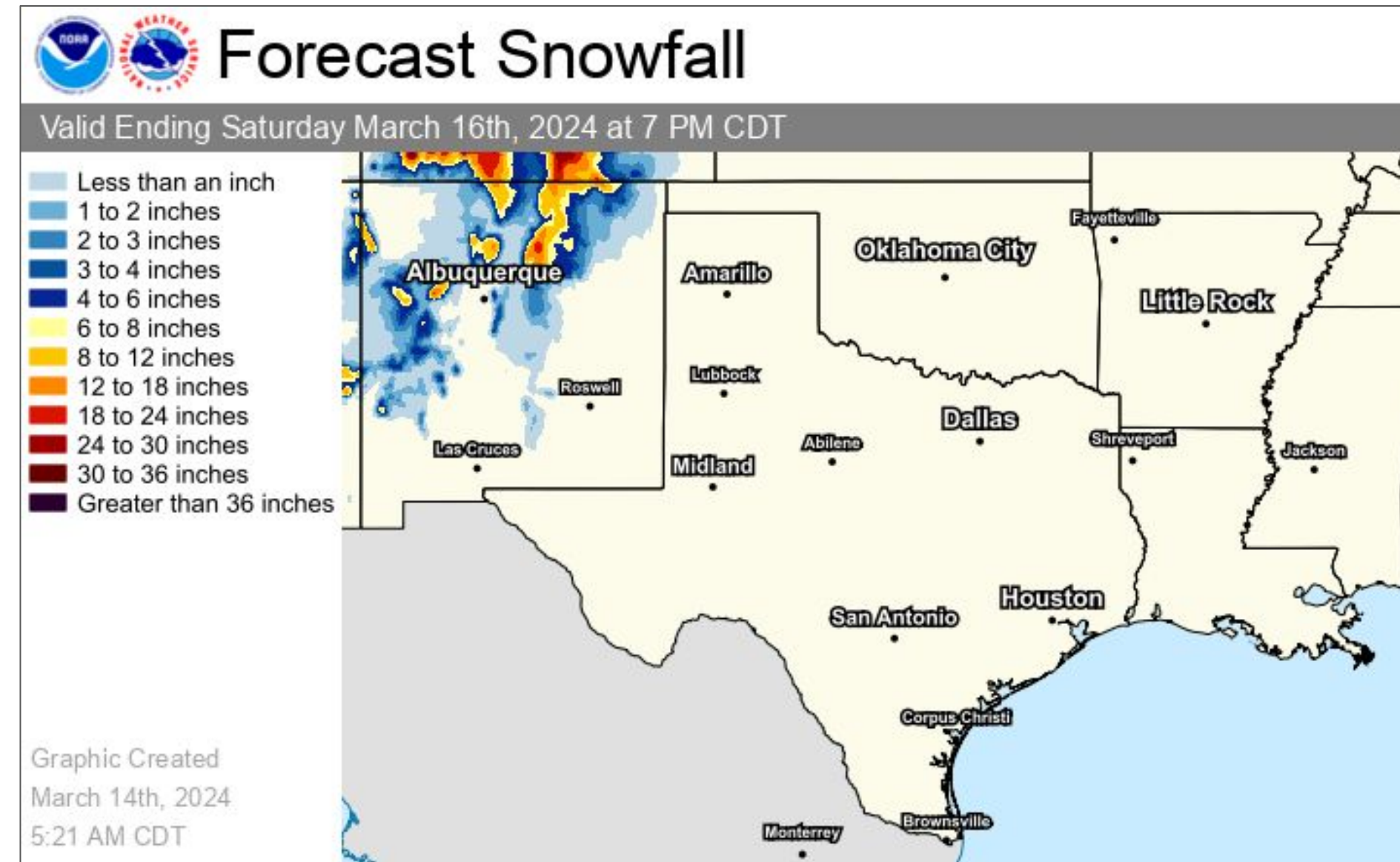
**Winter Storm Warnings across NM for this afternoon through Friday.**





# Winter Weather

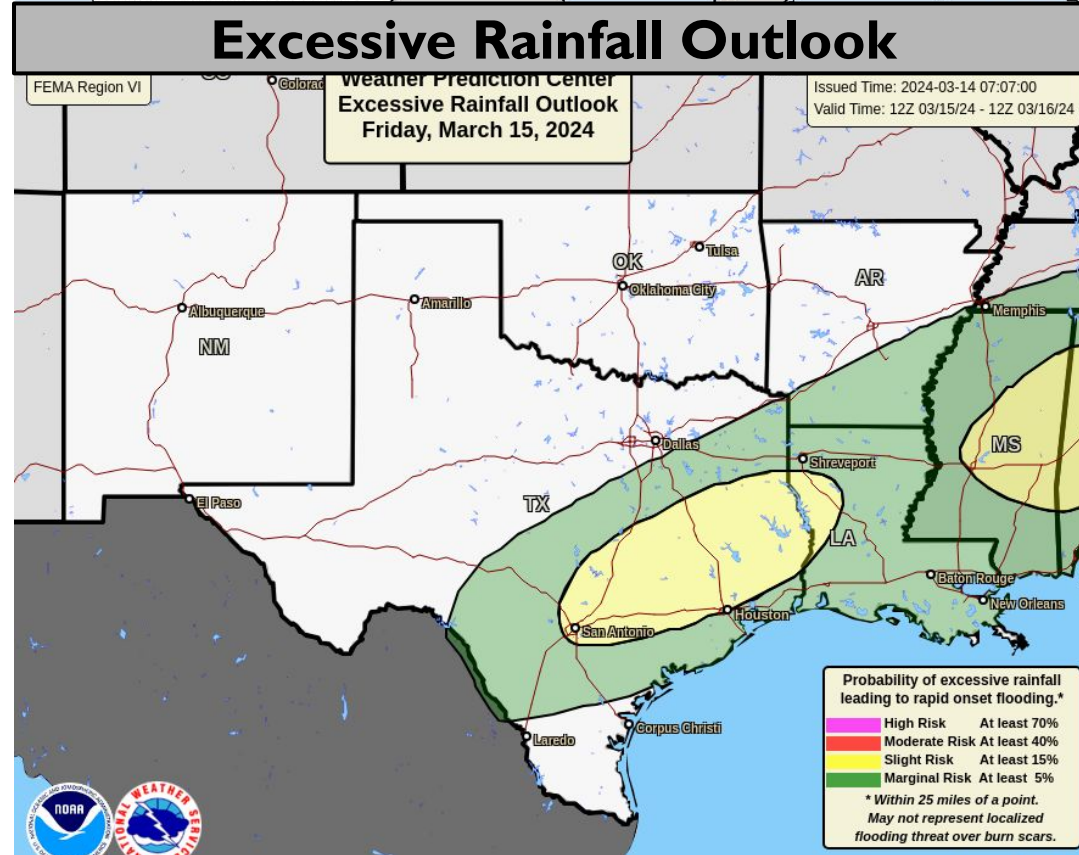
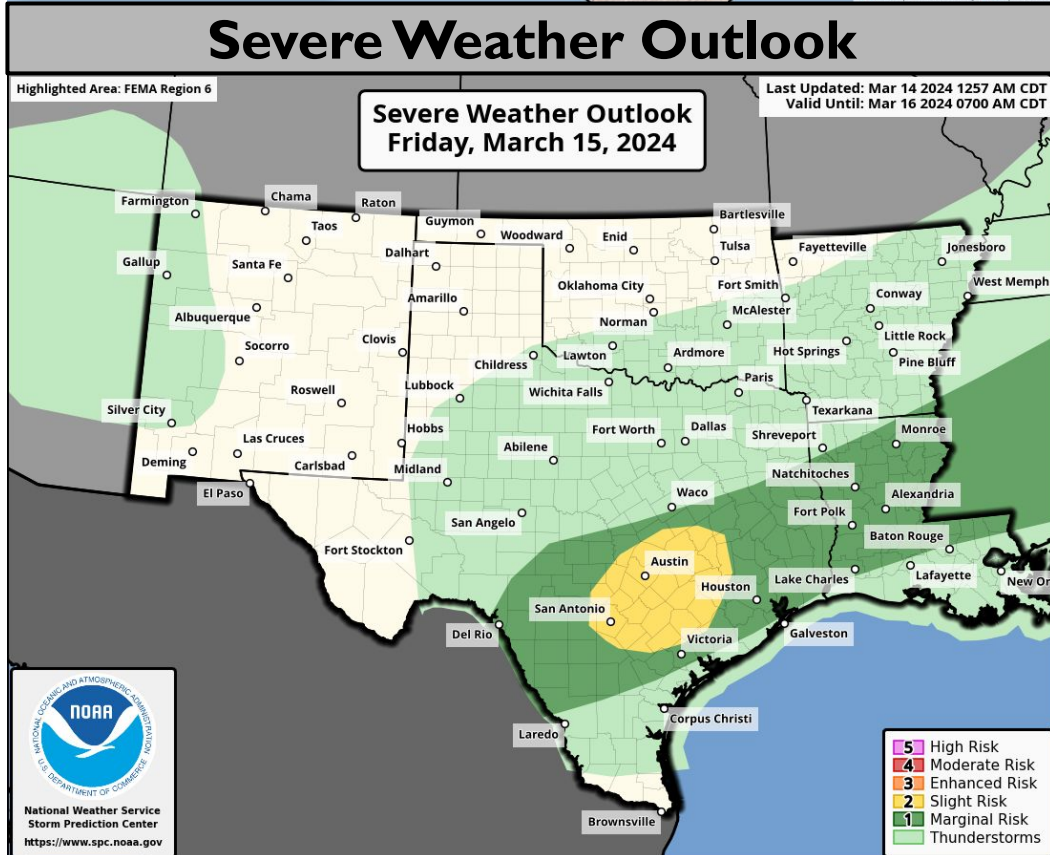
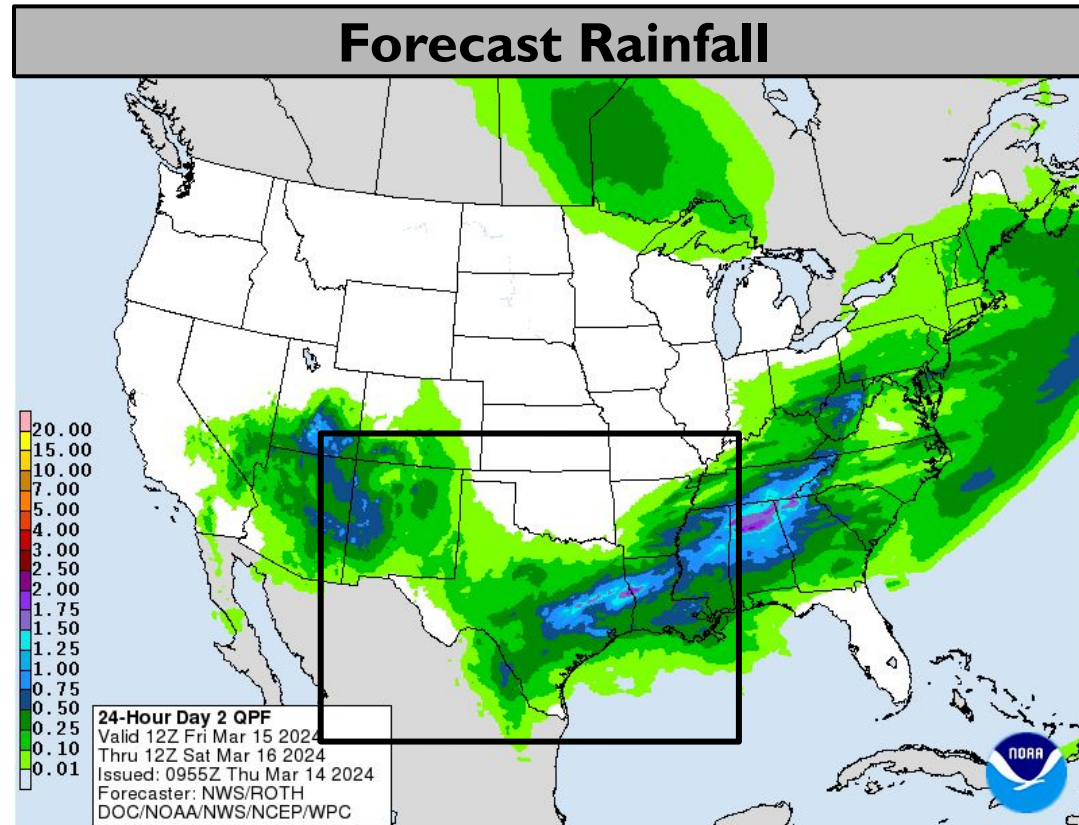
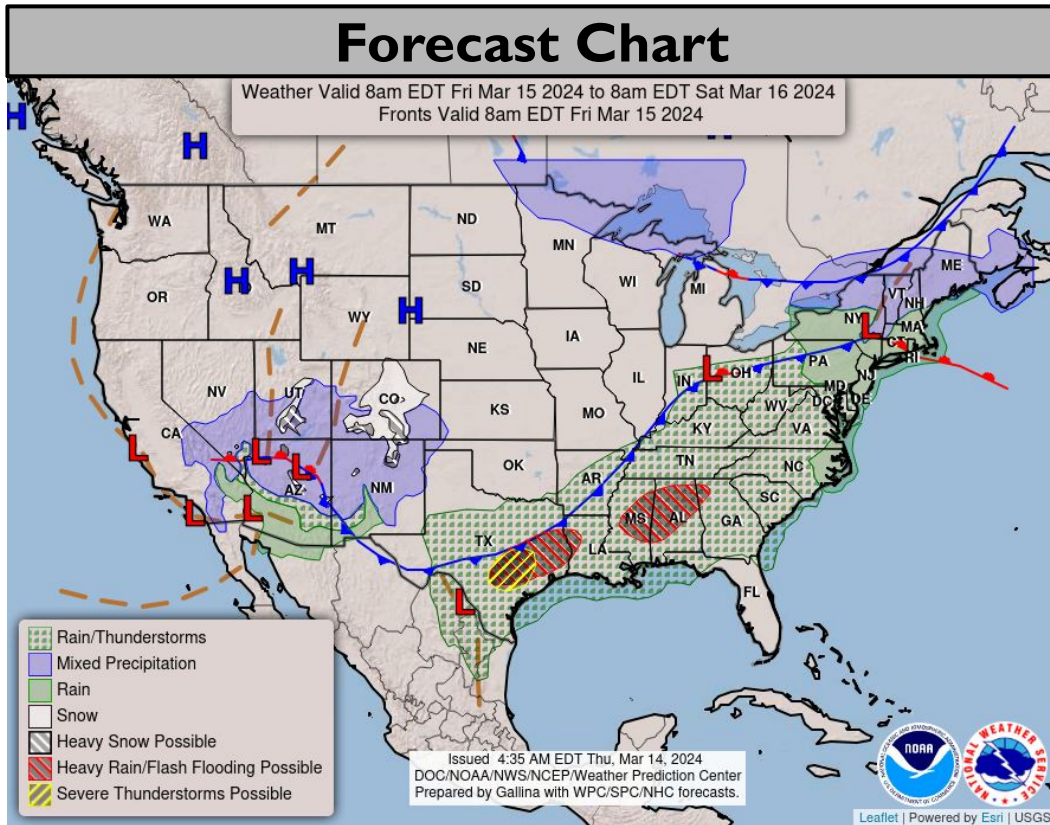
Through the next 3 days







# Tomorrow's Weather



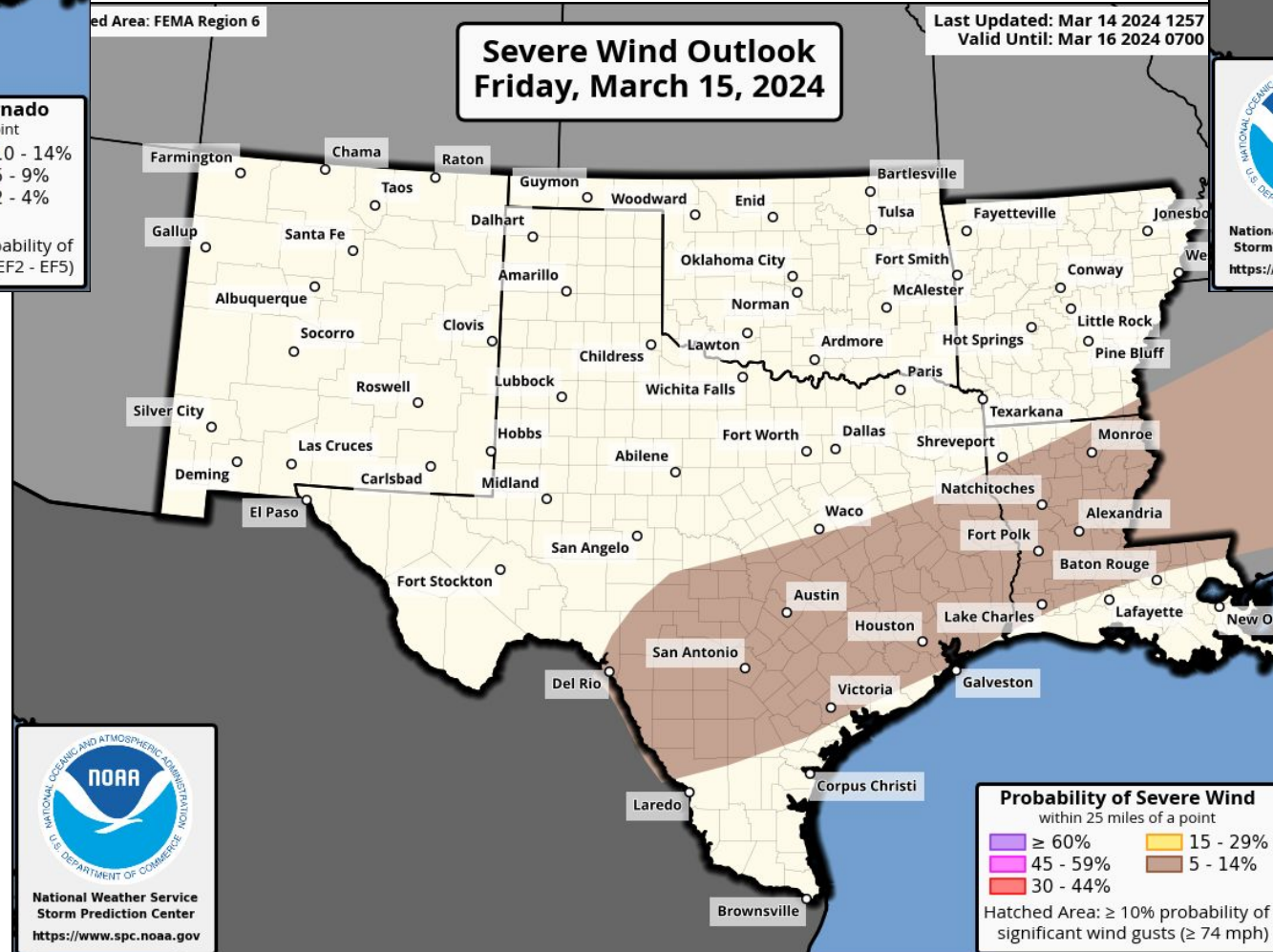
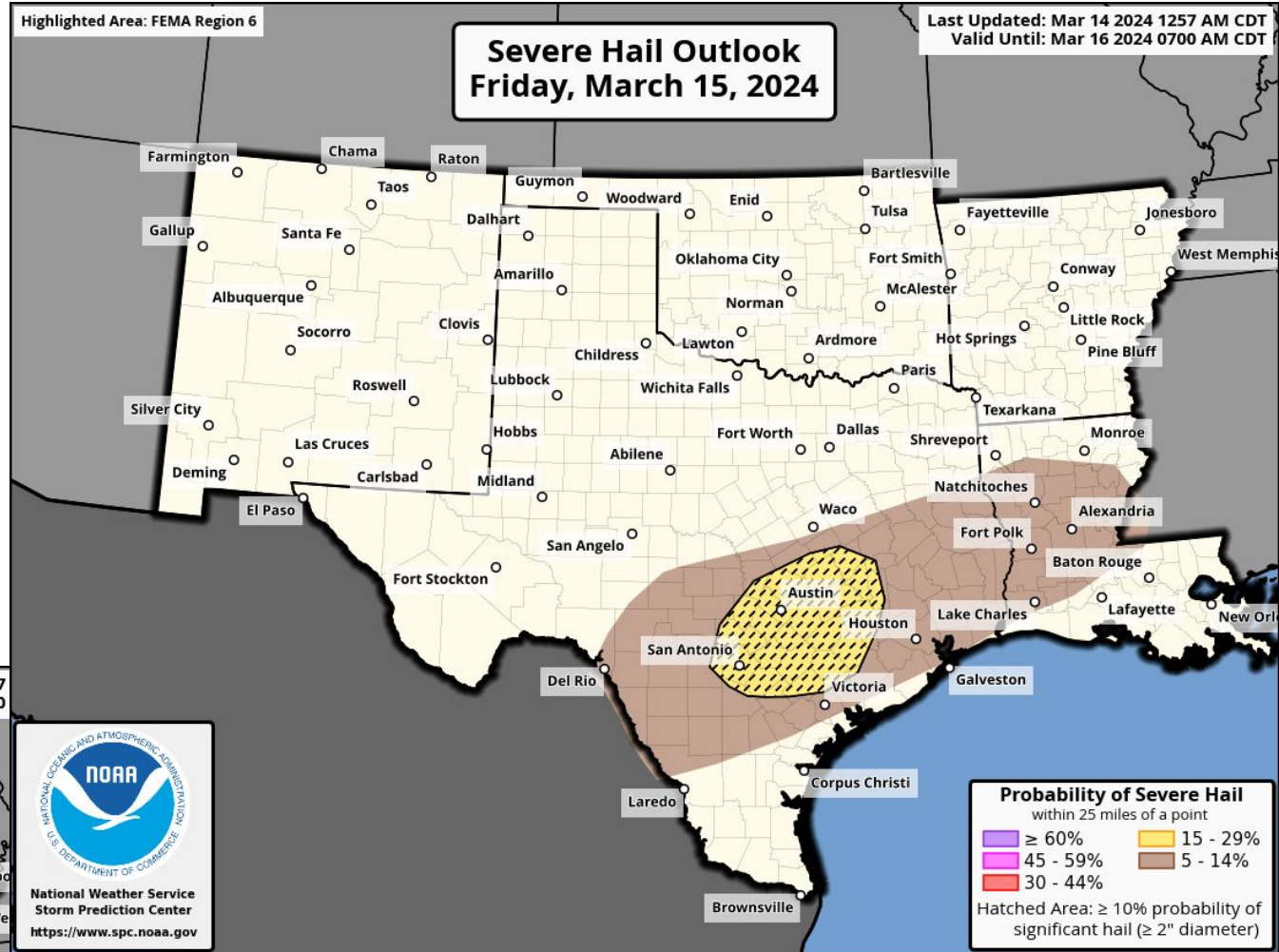
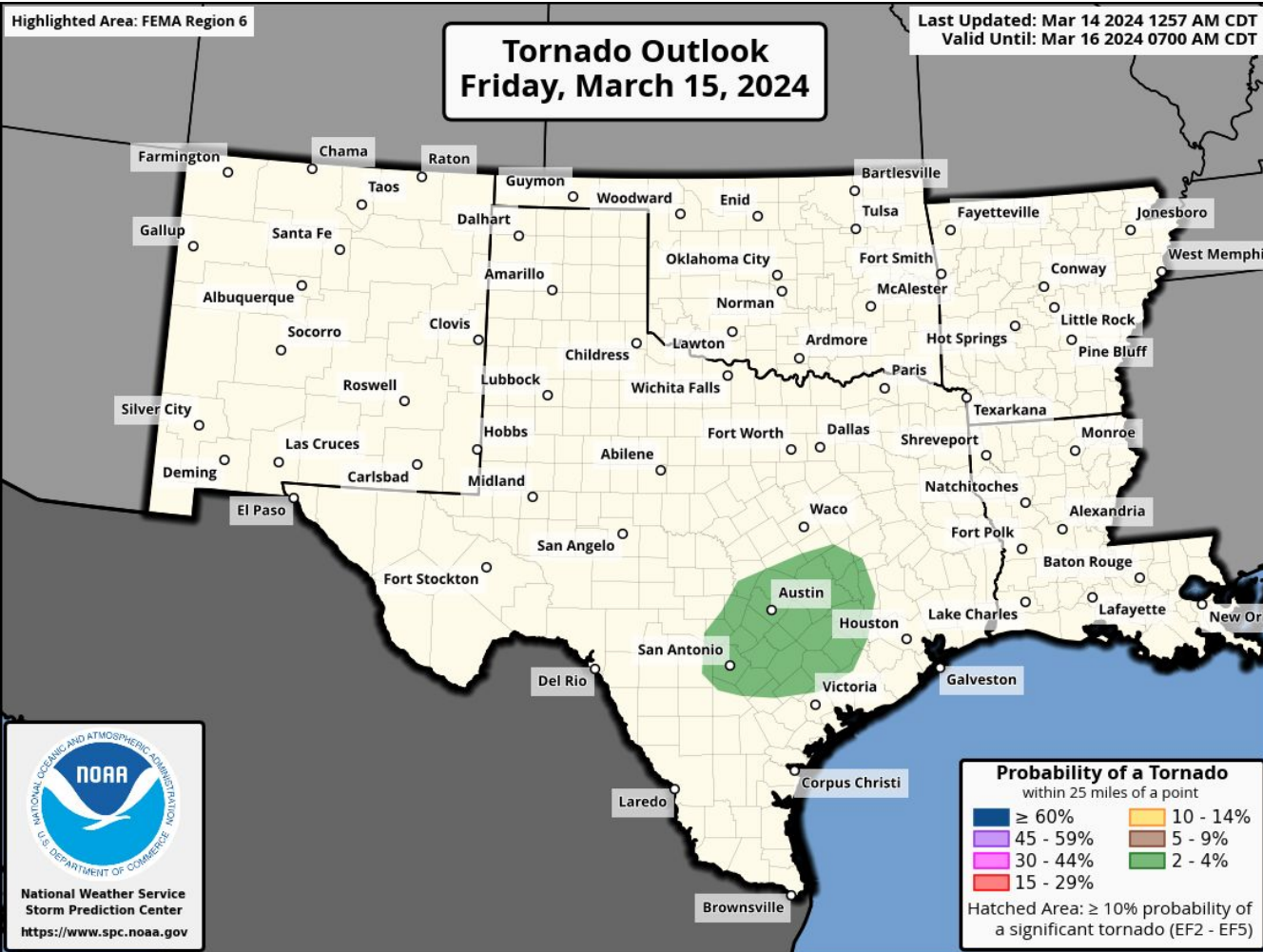
**Slight risk for heavy rain/flash flooding from SCTX into W LA.**

**Marginal to slight risk for severe storms from SW TX into LA.**

**Heavy snow in NM will bring moderate to major travel impacts to I-40 and I-25.**

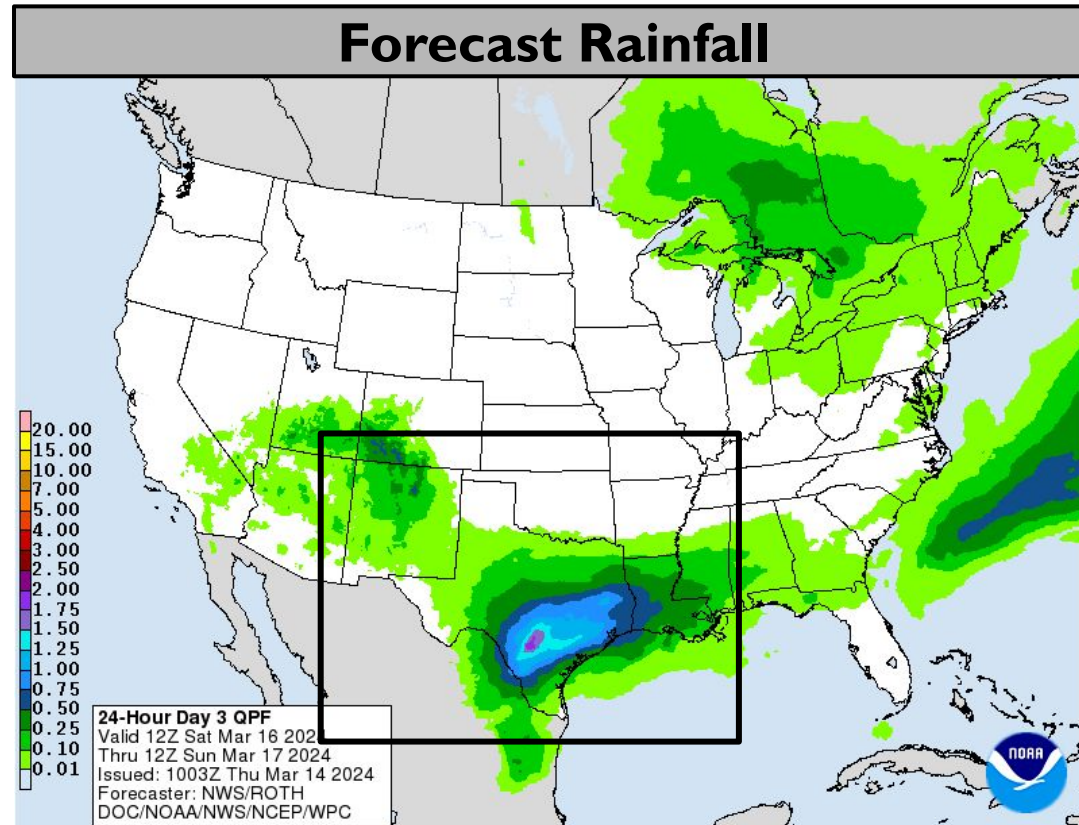
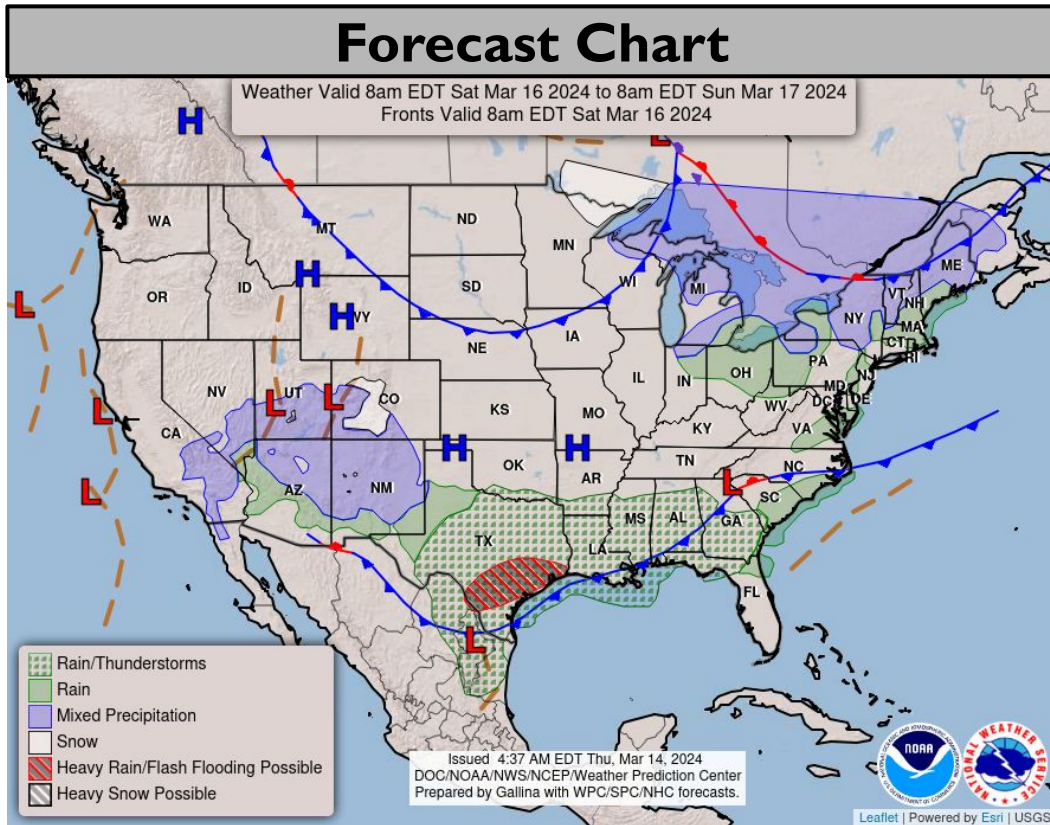


# Tomorrow's Tornado & Severe Wind / Hail Probabilities



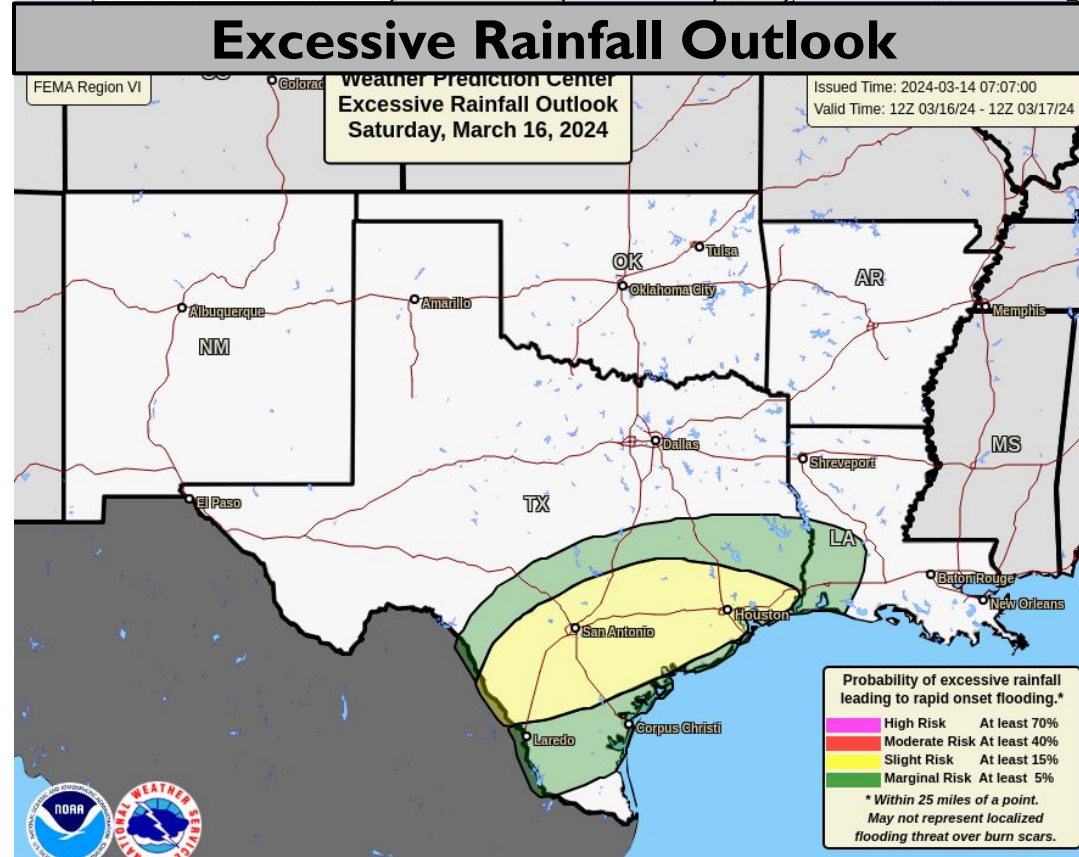
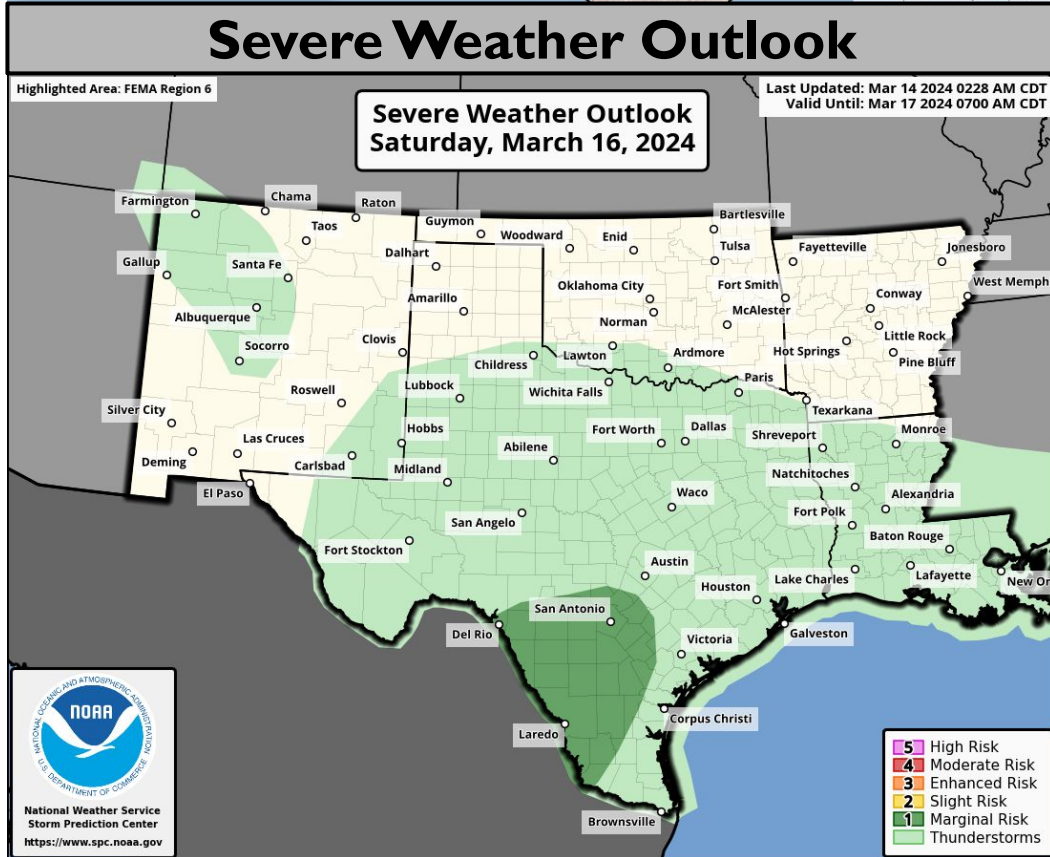


# Saturday's Weather



**Slight risk for heavy rain/flash flooding across STX**

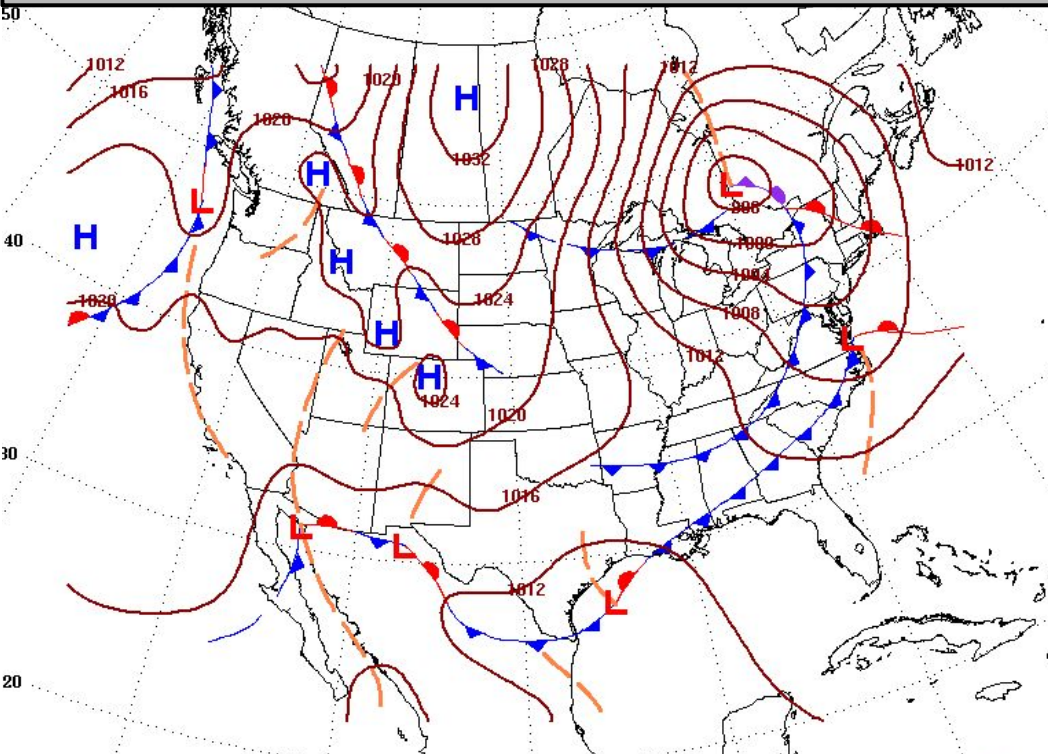
**Marginal risk for severe storms over SW TX**



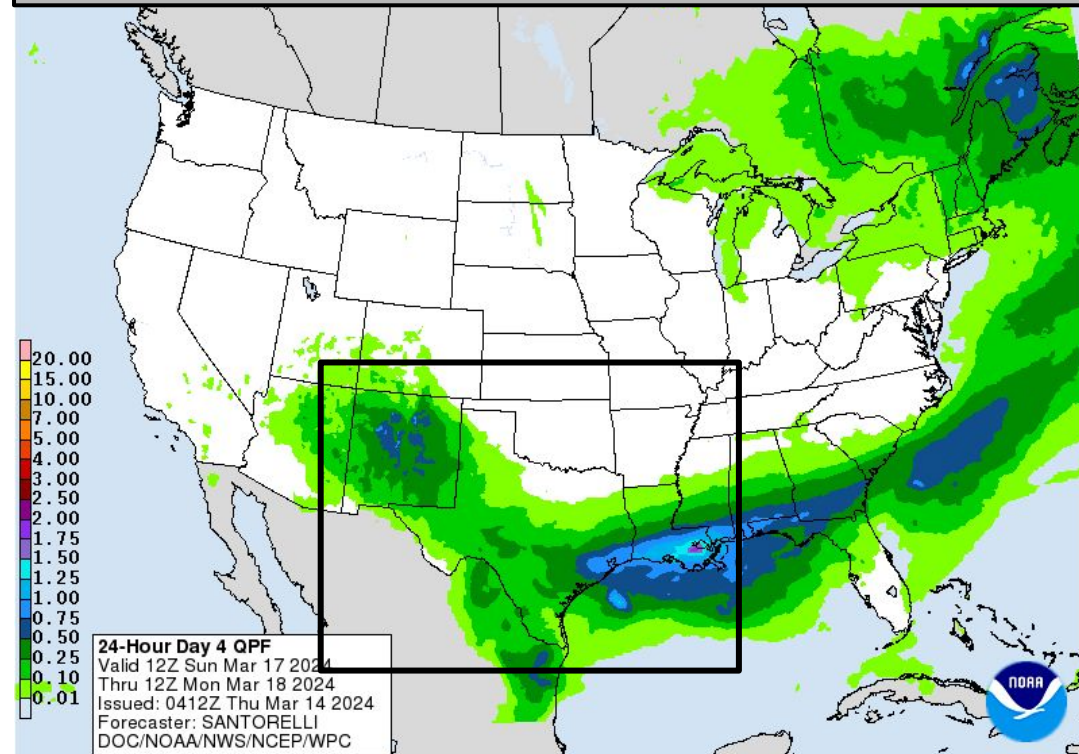


# Sunday's Weather

### Forecast Chart

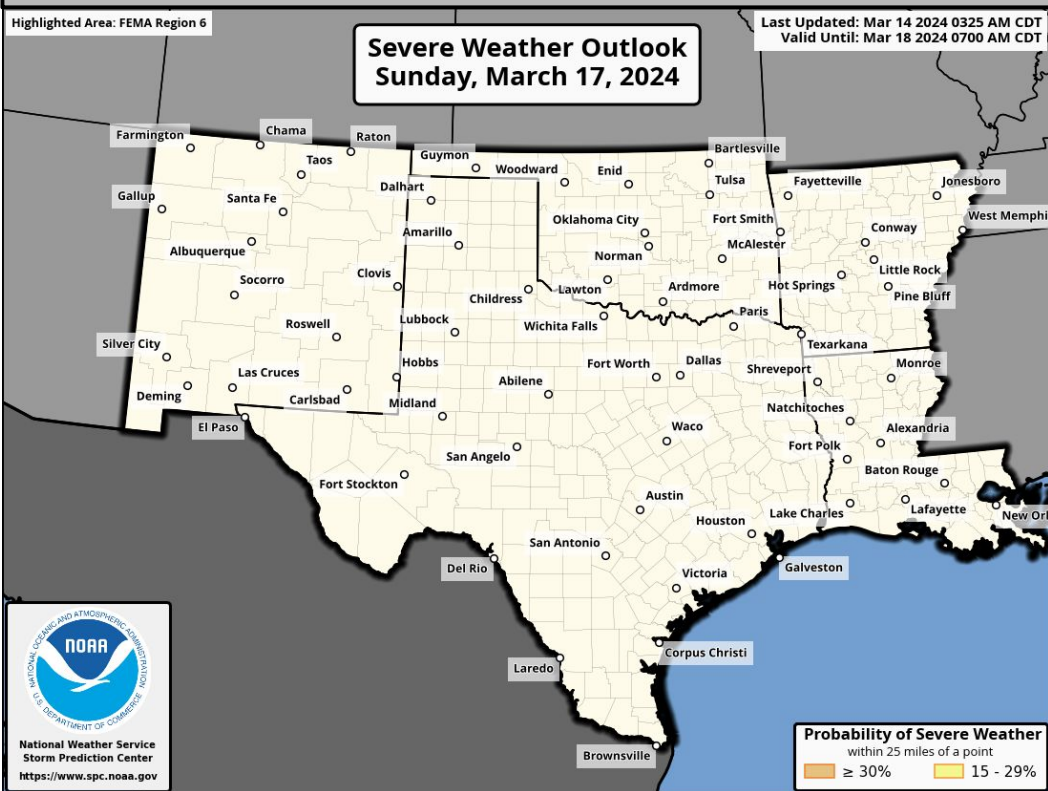


### Forecast Rainfall

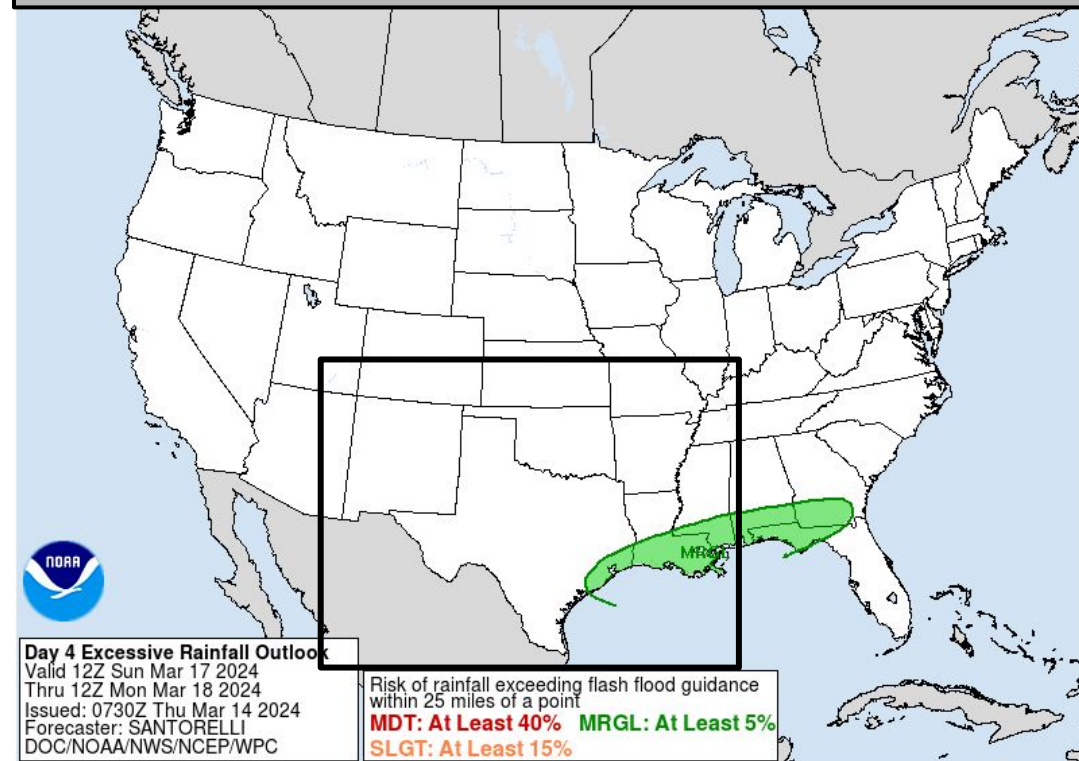


**Marginal risk for heavy rain/flash flooding across SETX, S LA.**

### Severe Weather Outlook



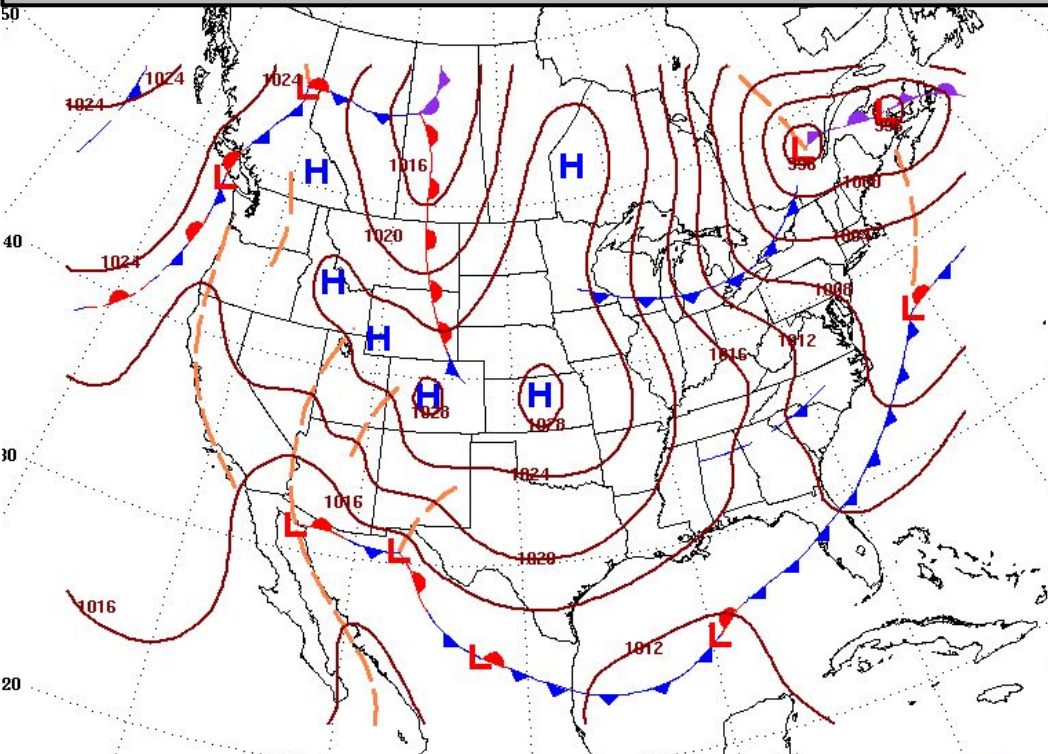
### Excessive Rainfall Outlook



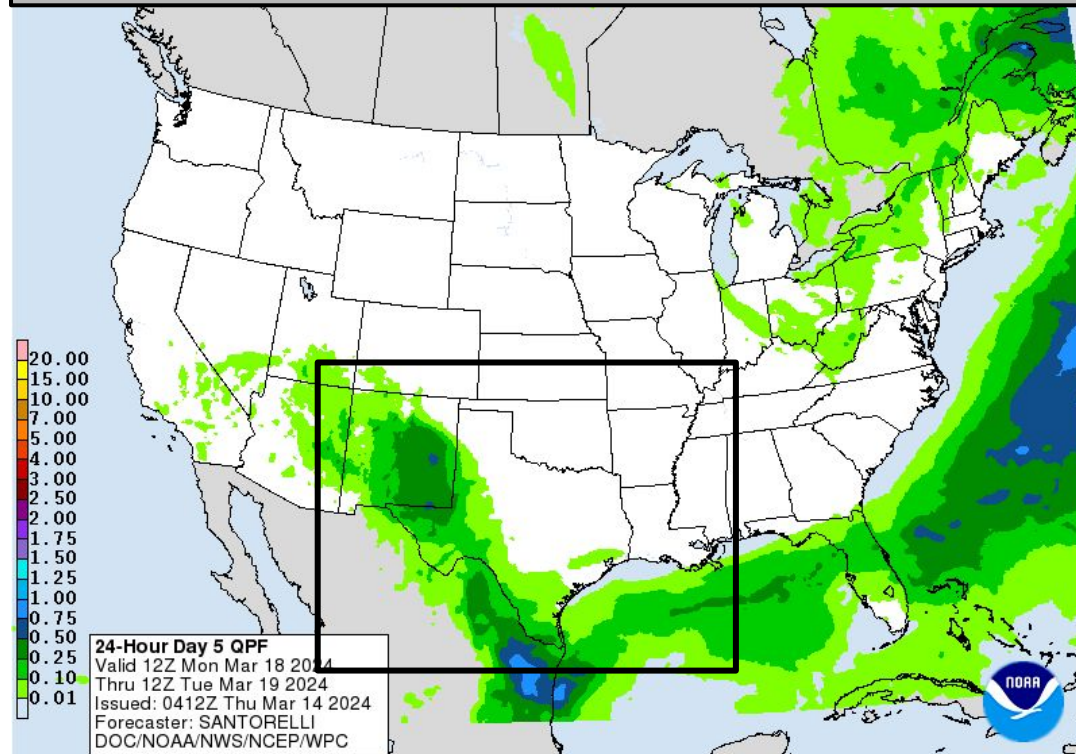


# Monday's Weather

### Forecast Chart

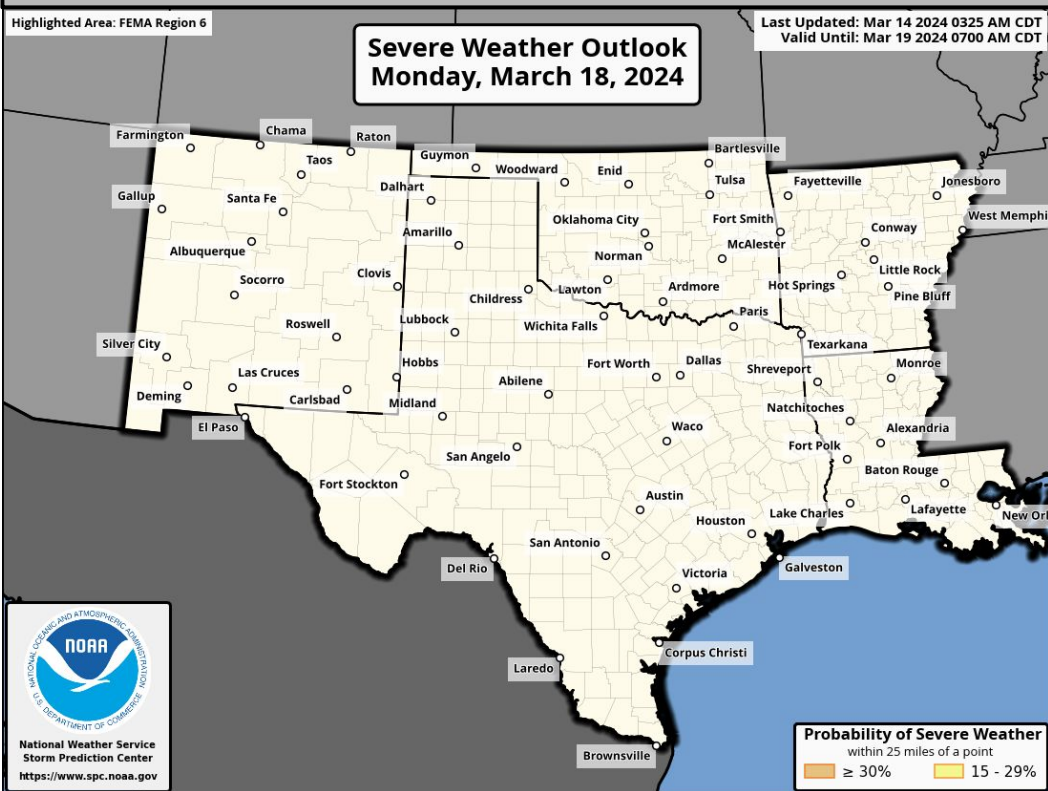


### Forecast Rainfall

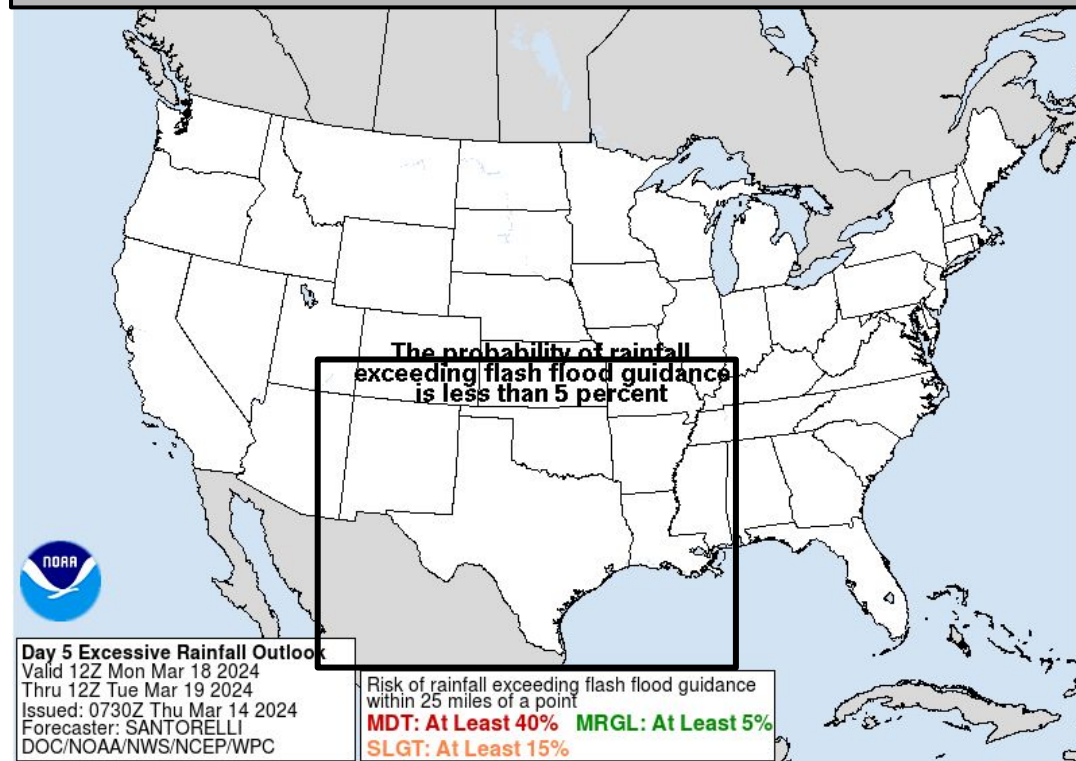


**No significant weather expected.**

### Severe Weather Outlook

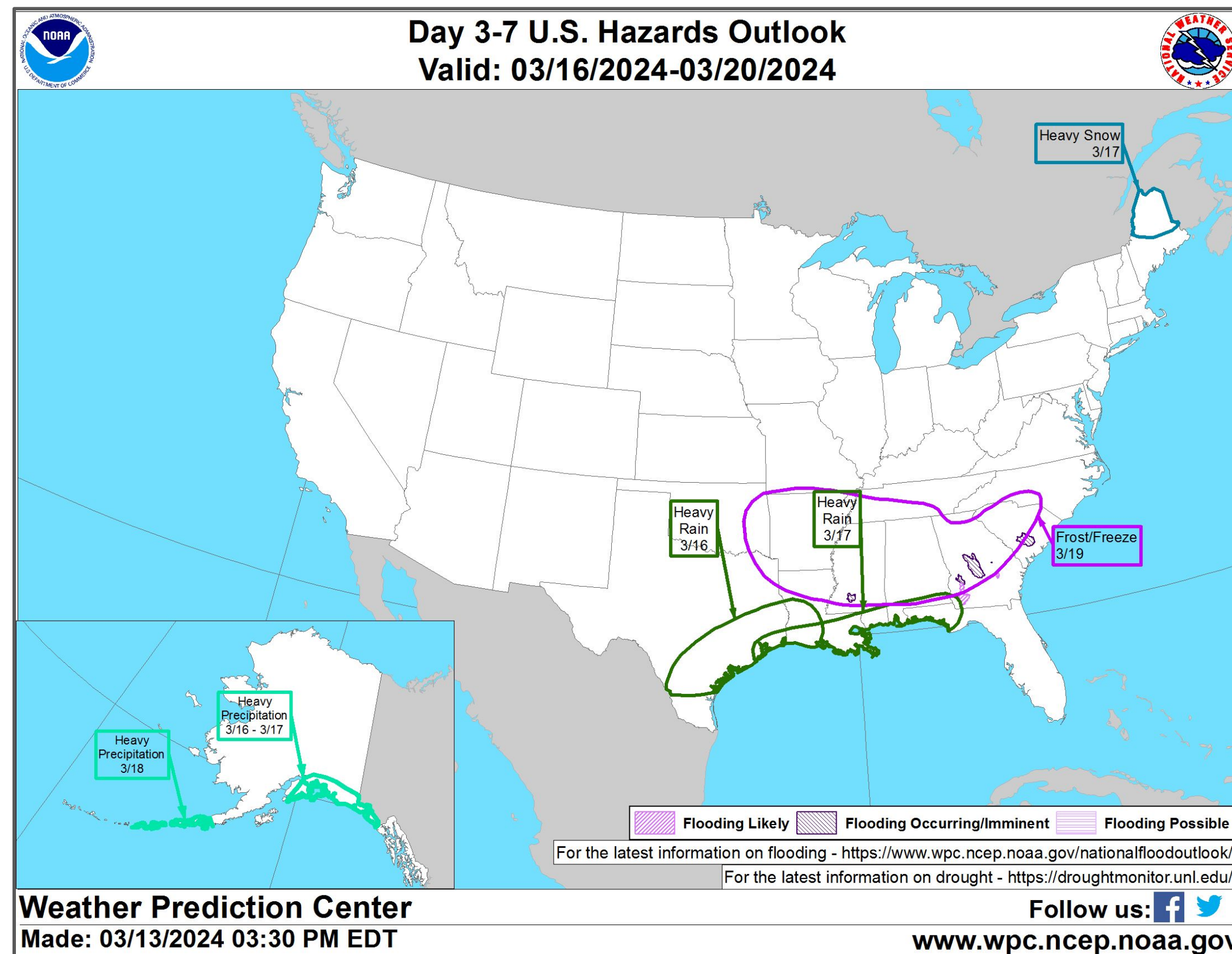


### Excessive Rainfall Outlook





# “Day 3-7” Hazards Outlook



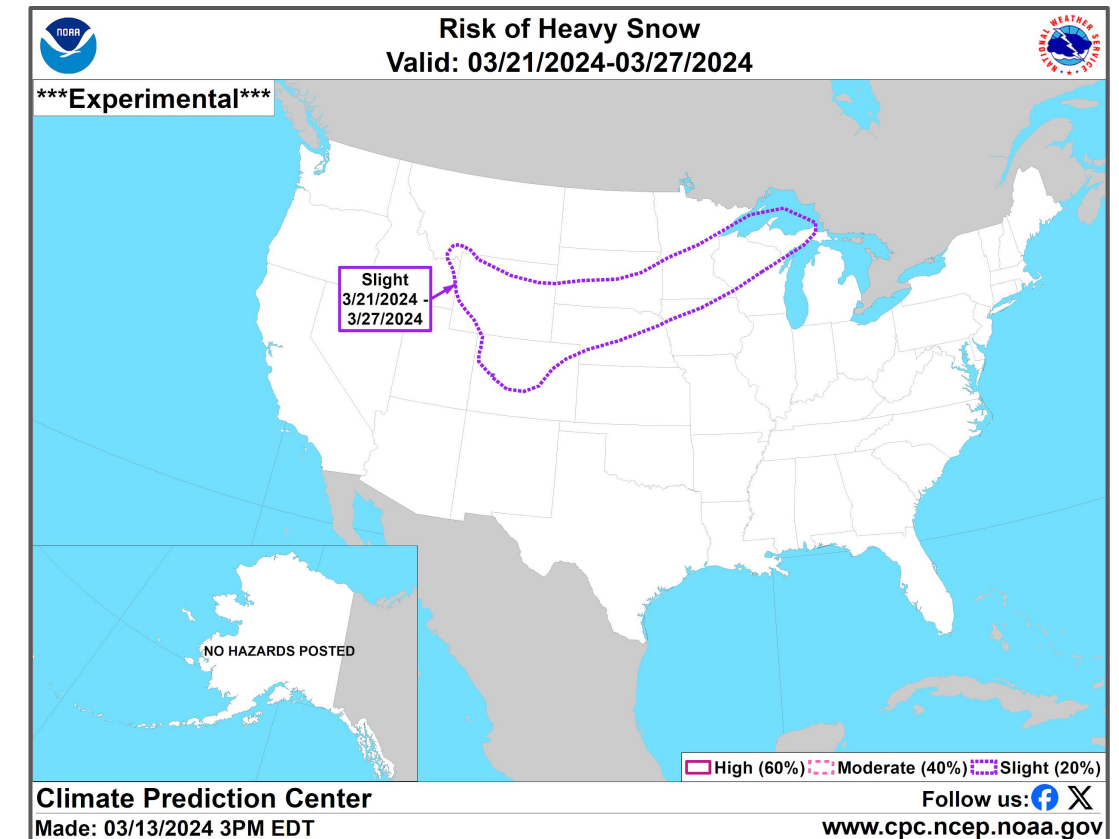
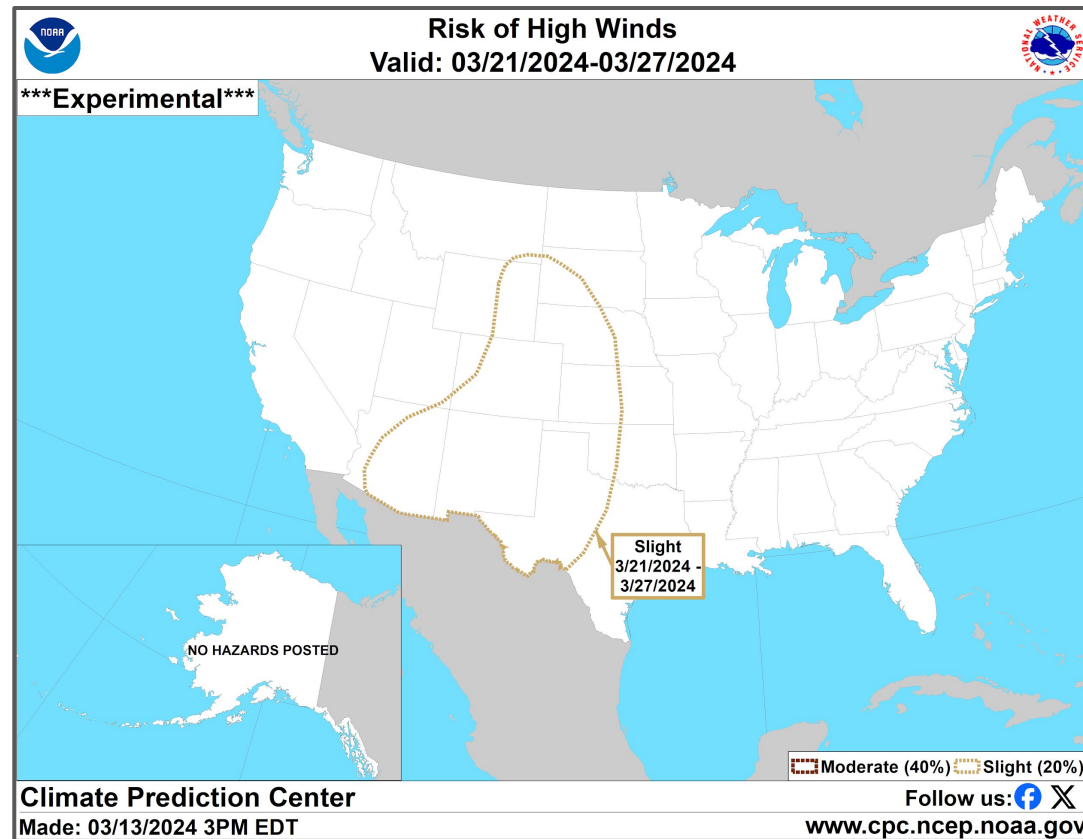
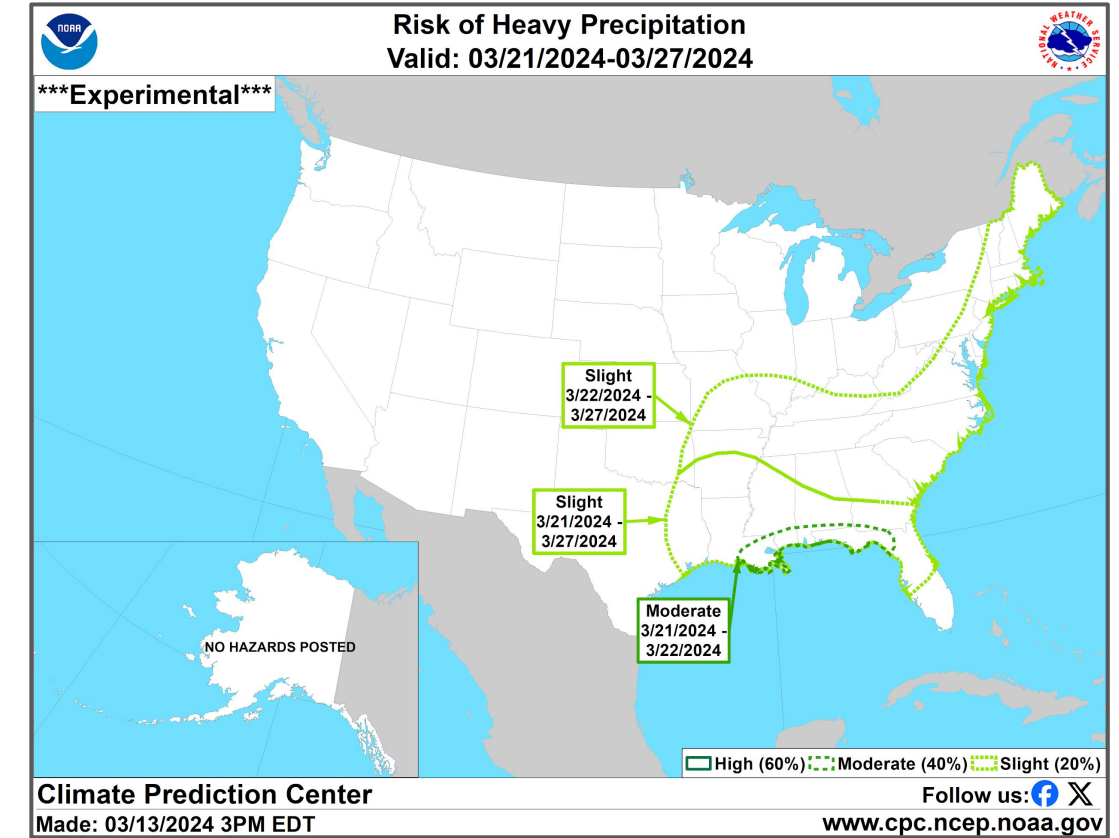
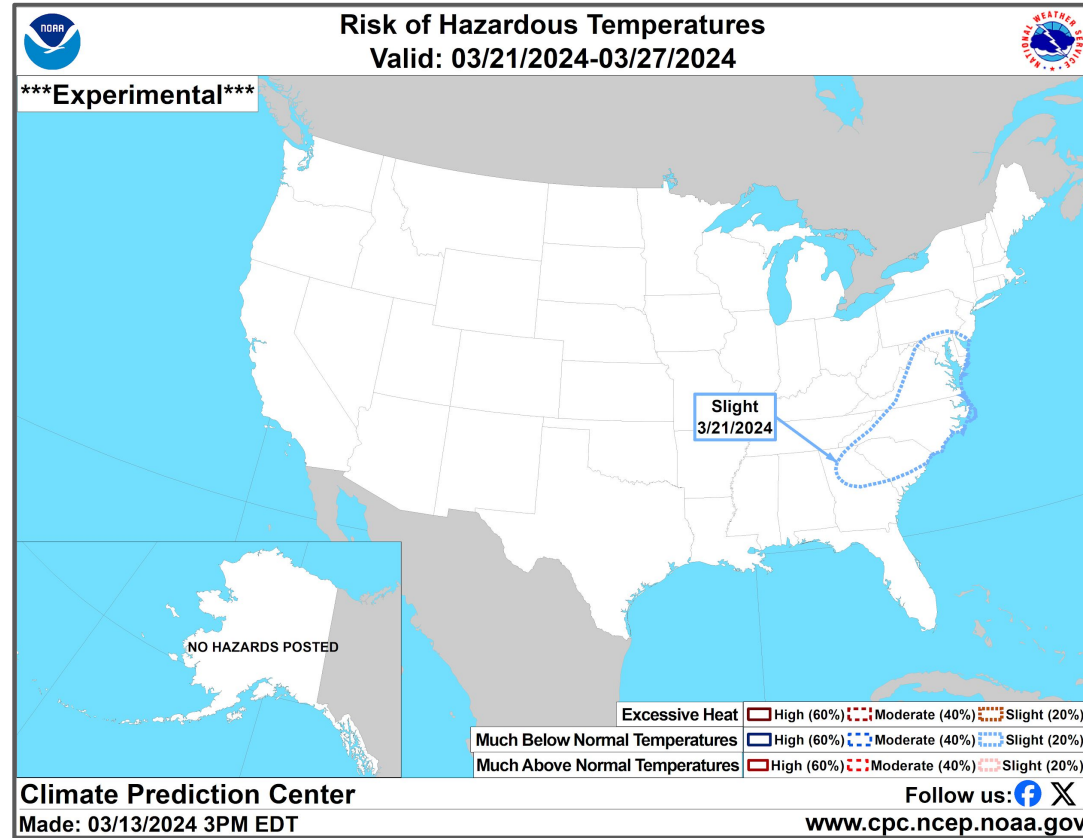
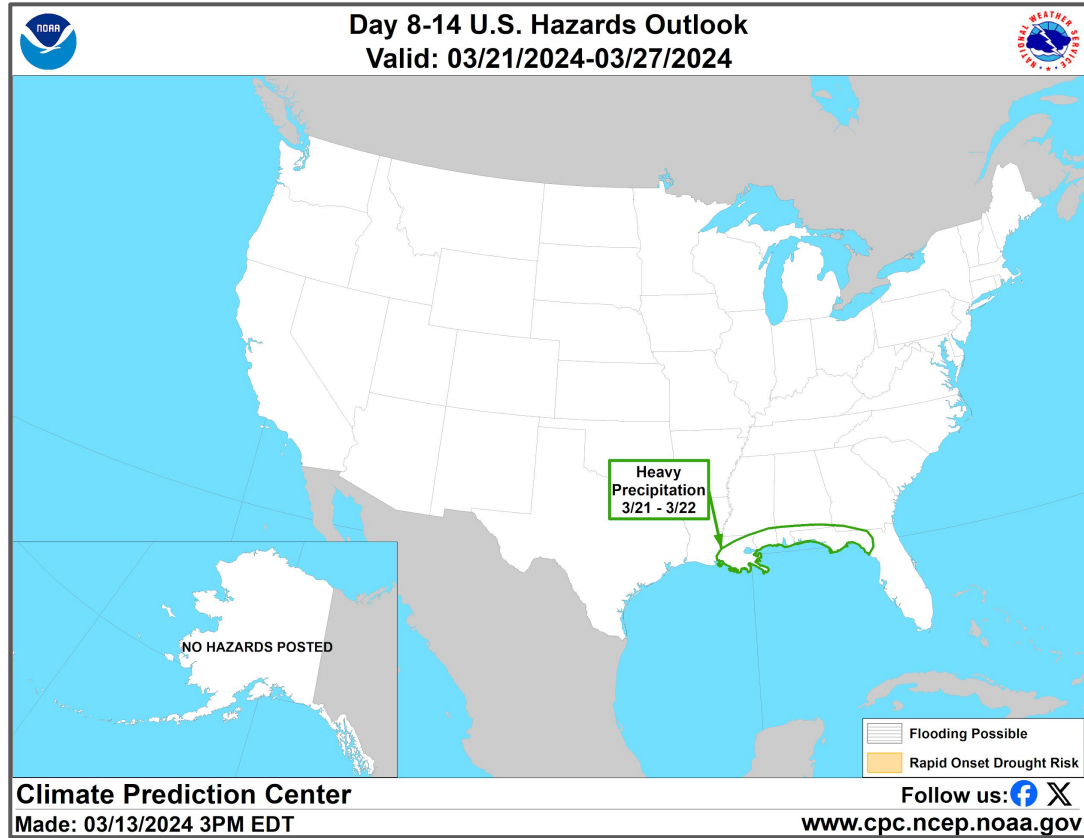
**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

1. The “day 3-7” will really be days 2-6
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

For additional information on this outlook go to <https://origin.wpc.ncep.noaa.gov/threats/threats.php>



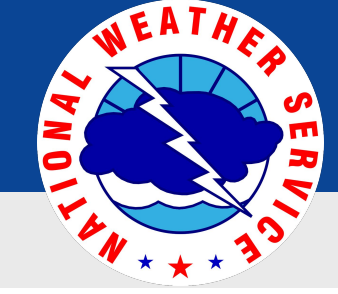
# “Day 8-14” Hazards Outlook



**NOTE:** These outlooks are issued in the afternoon and only issued on weekdays. Because of that and the fact that these slides are issued in the mornings:

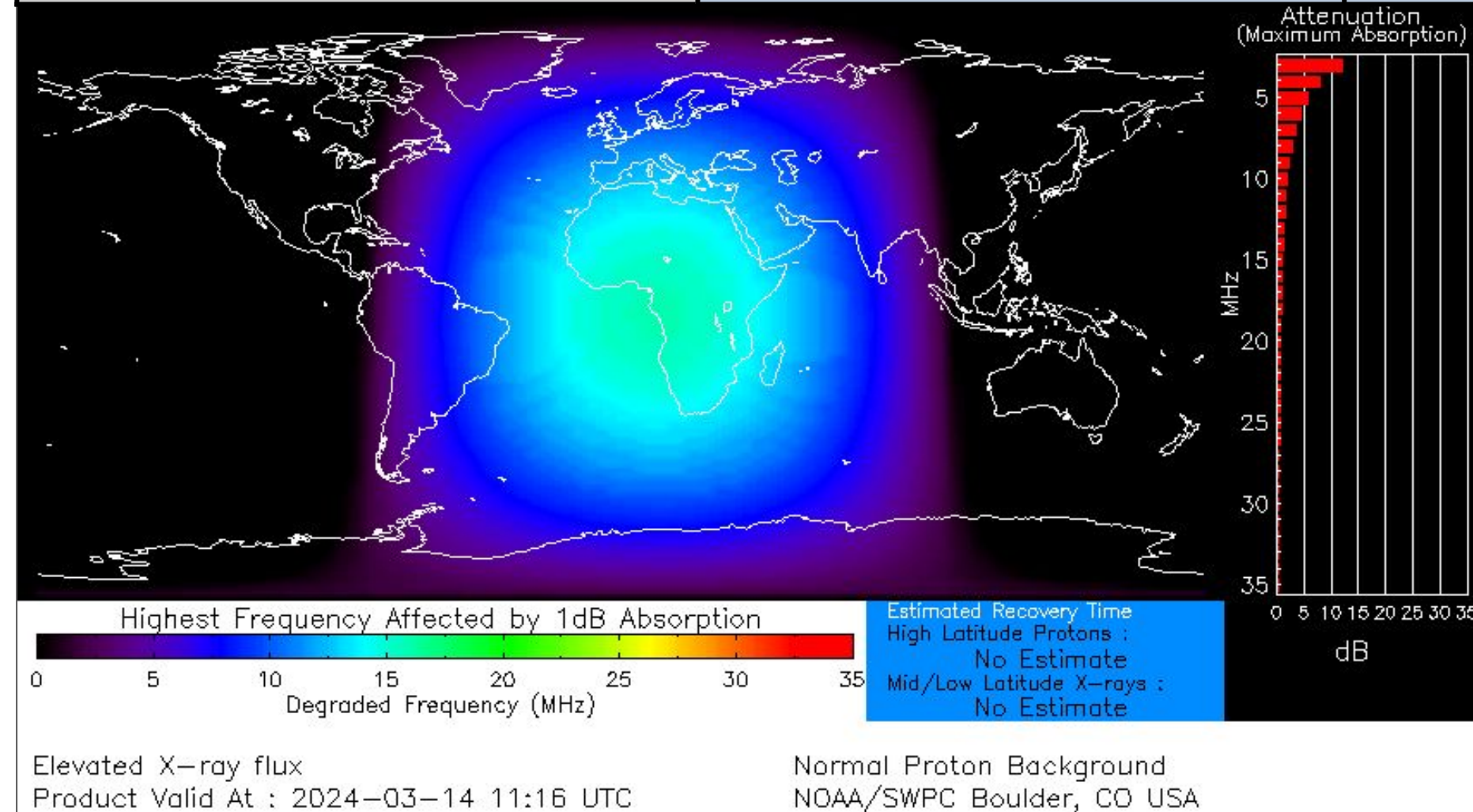
1. The “day 8-14” will really be days 7-13
2. This slide will be hidden on Mondays and Sundays so the data/information is not too old

For additional information on this outlook go to <https://www.cpc.ncep.noaa.gov/products/predictions/threats/threat.php>



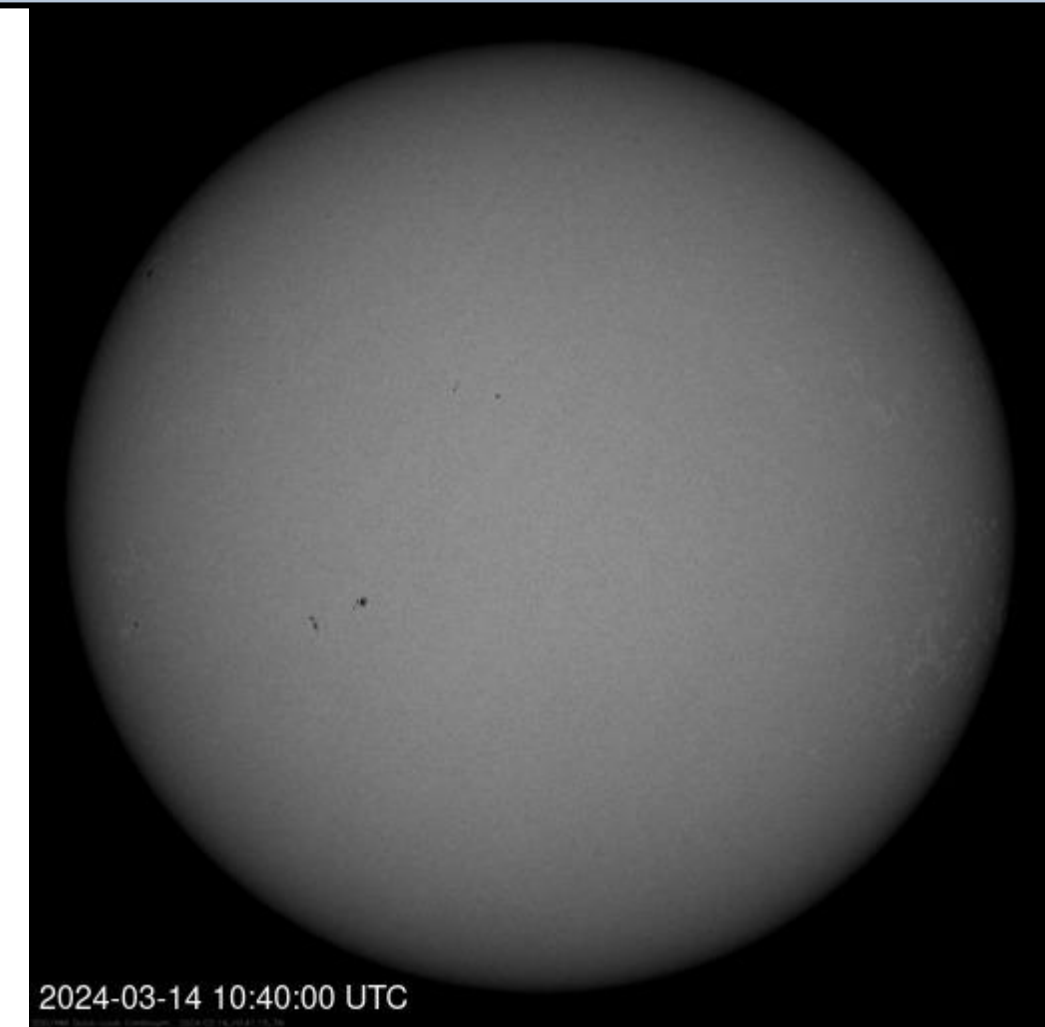
# Space Weather 3-Day Forecast

|                                      | Thursday, Mar 14                  | Friday, Mar 15                    | Saturday, Mar 16                  |
|--------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| <b>Geomagnetic Storms</b>            | <b>Unsettled<br/>(Max Kp = 3)</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>15%</b>                        | <b>15%</b>                        | <b>15%</b>                        |
| <b>Radio Blackout (R3-R5)</b>        | <b>5%</b>                         | <b>5%</b>                         | <b>5%</b>                         |



[Description of the Space Weather Storm Scales](#)

[Latest 3-Day Space Weather Forecast](#)





## Weather "Threat" Matrix

| Color  | Definition   | Criteria  | Example(s)   |
|--------|--|---|--|
| Green  | <p style="text-align: center;"><b>Very Common</b></p> <p>Safety: Rarely a Direct Threat to Life and Property<br/>Impact Potential: Typically Results in Little to No 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 MS 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 sea breeze storms in FL</li> </ul>   |
| Yellow | <p style="text-align: center;"><b>Somewhat Common – Happens Frequently</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 AL 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>Uncommon – A Few Times a Year</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 Atlanta 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>Rare – Once every 1-5 Years</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 NE 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>Very Rare – Once Every 5-10 Years</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 Carolinas; 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

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