FEMA

Prepared by

*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

## Tuesday February 23, 2021

**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.

# Summary of the Upcoming Week

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- **No significant weather expected in the next 5 days.**

# FEMA Region 6 Threat Matrix

## Feb 23, 2021 - Feb 27, 2021

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| DAY / THREAT | Tue | Wed | Thu | Fri | Sat |
|---|---|---|---|---|---|
| Severe Storms | | | | | |
| Heavy Rain / Flash Flooding | | | | | |
| Fire Weather | | | | | |
| Winds | | | | | |
| Winter Weather/ Cold Temps | | | | | |
| River Flooding | LA,TX | LA,TX | LA,TX | LA | 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

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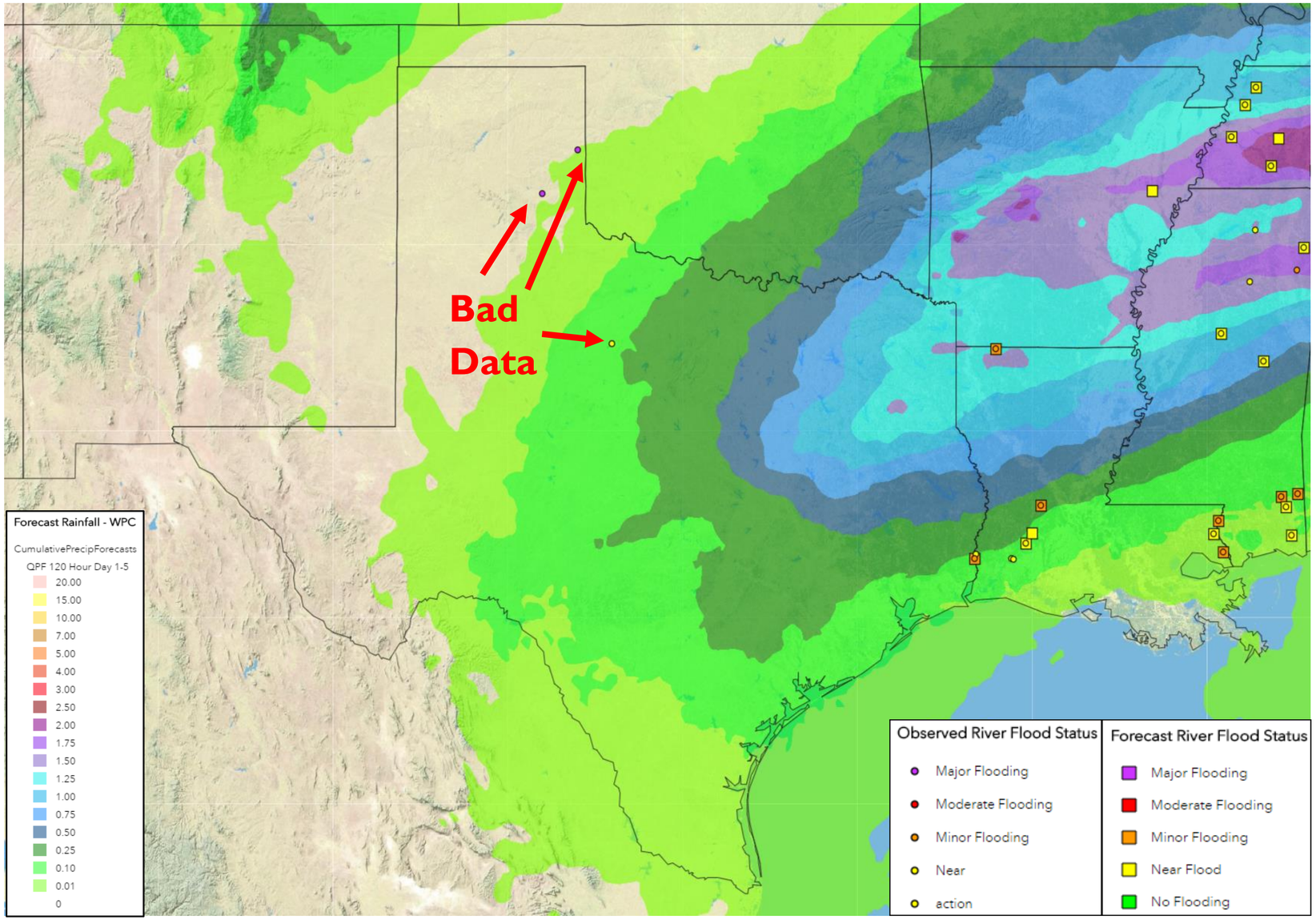
*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*




**Minor river flooding will continue across portions of LA and TX with flooding of forested areas, low lying roads, woodlands, and crop acreage.**

**The Pearl River flooding in SE LA will also impact the Bogue Chitto National Wildlife Refuge and about 20 homes will be threatened along the left bank of the Pearl River near Pearl River.**

**The points showing Major Flooding in the TX Panhandle and Near Flood in NW TX are bad data.**

# Today's Weather

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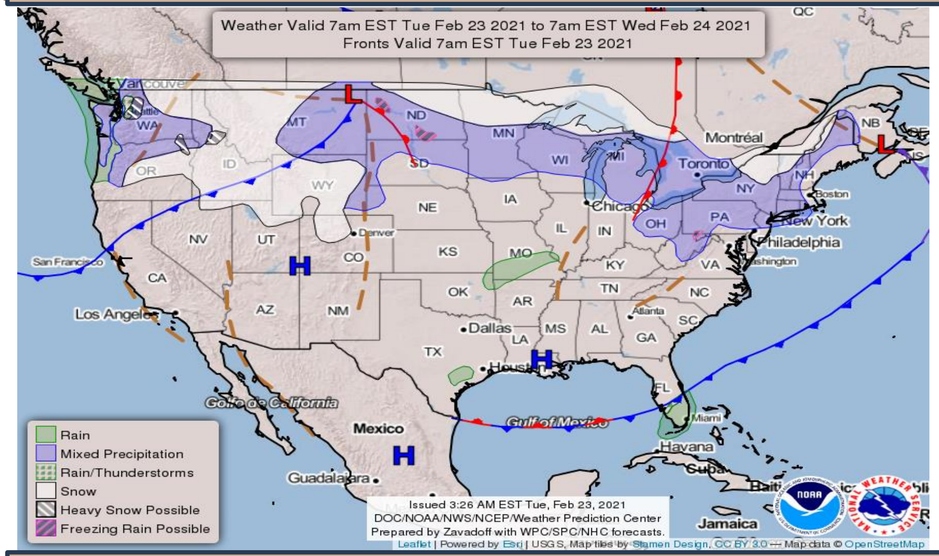
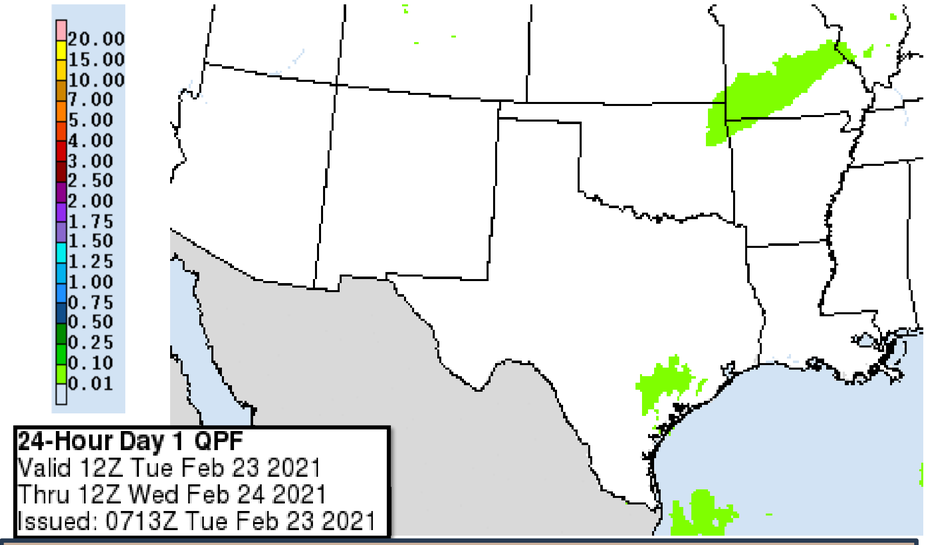
## Forecast Chart



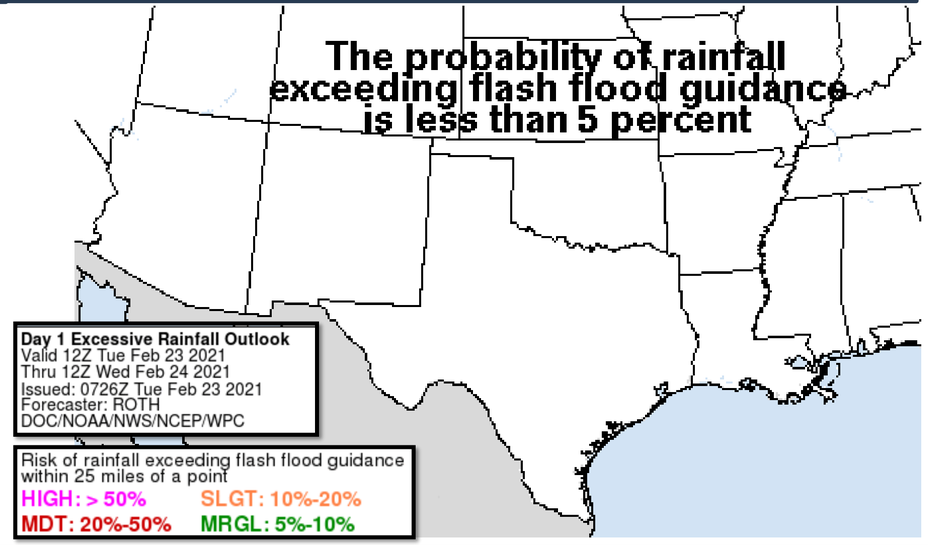

## Forecast Rainfall




**No significant weather expected.**

## Severe Weather Outlook

## Excessive Rainfall Outlook



# Tomorrow's Weather

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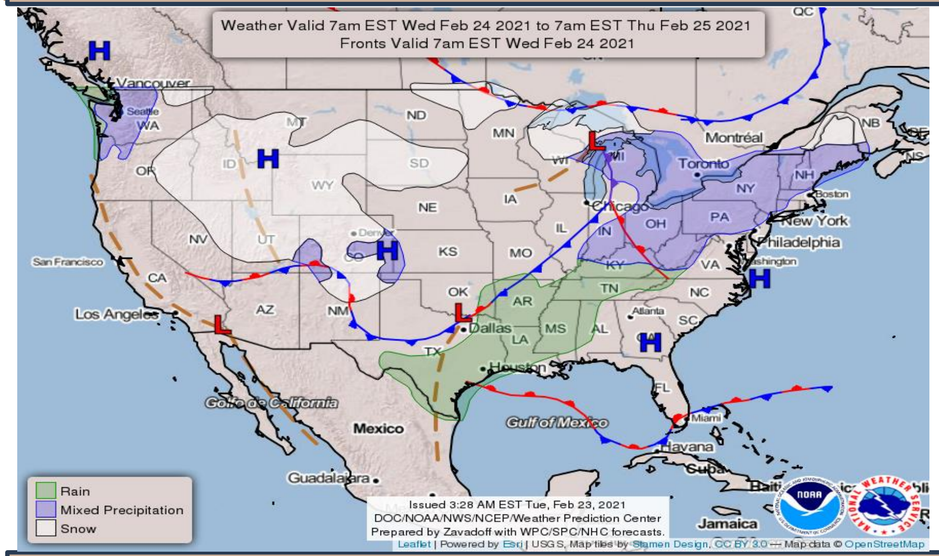
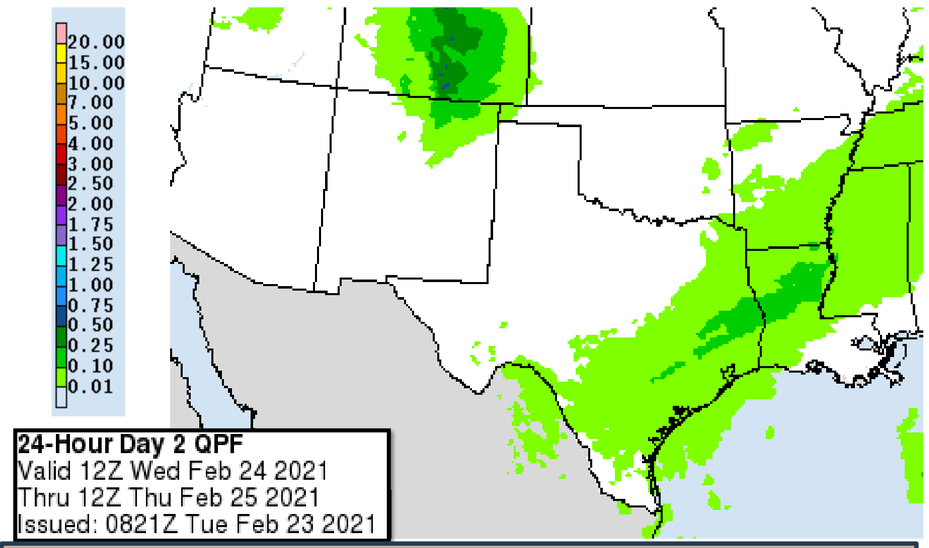
## Forecast Chart

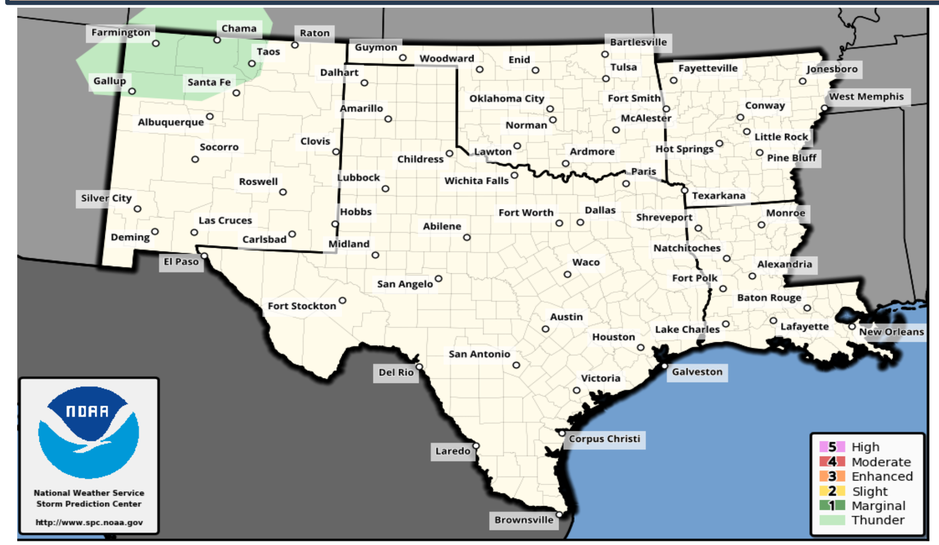



## Forecast Rainfall

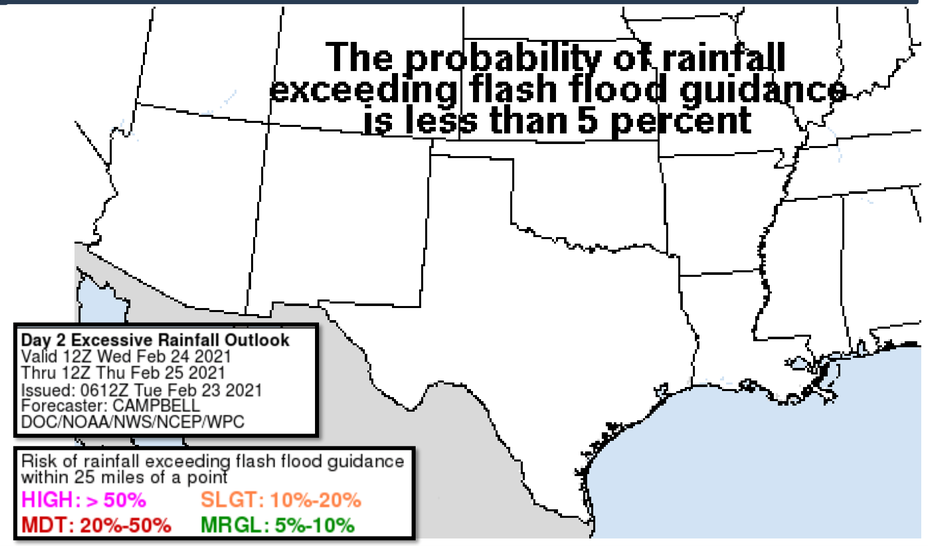



**No significant weather expected.**

## Severe Weather Outlook




## Excessive Rainfall Outlook



# Thursday's Weather

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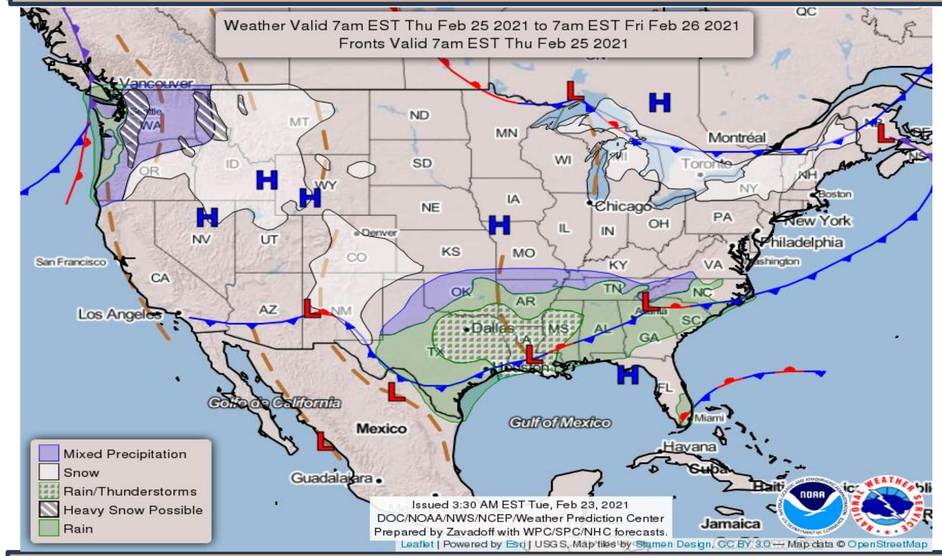
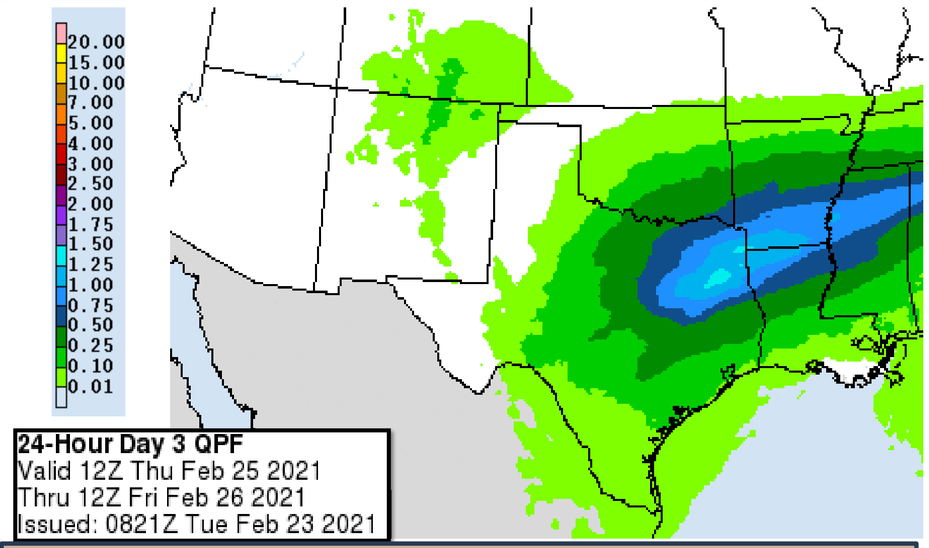
## Forecast Chart

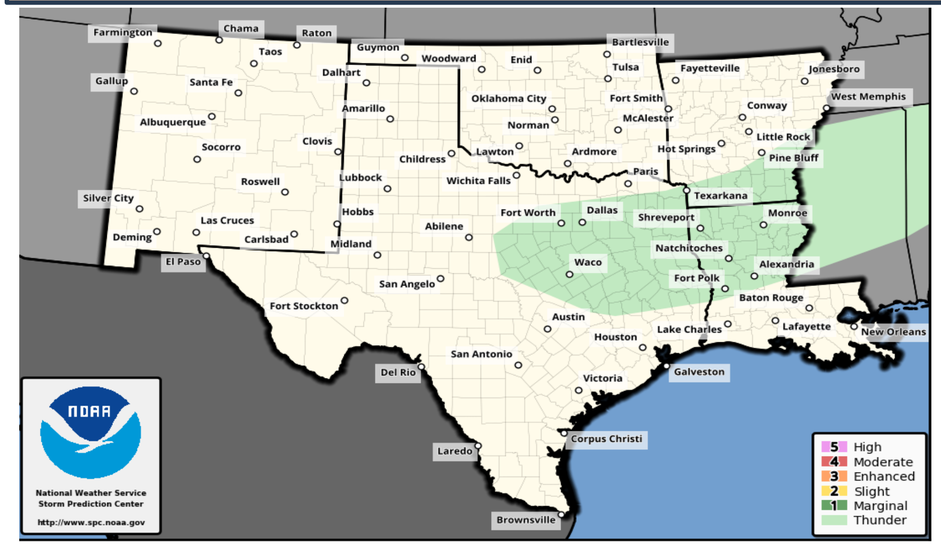



## Forecast Rainfall

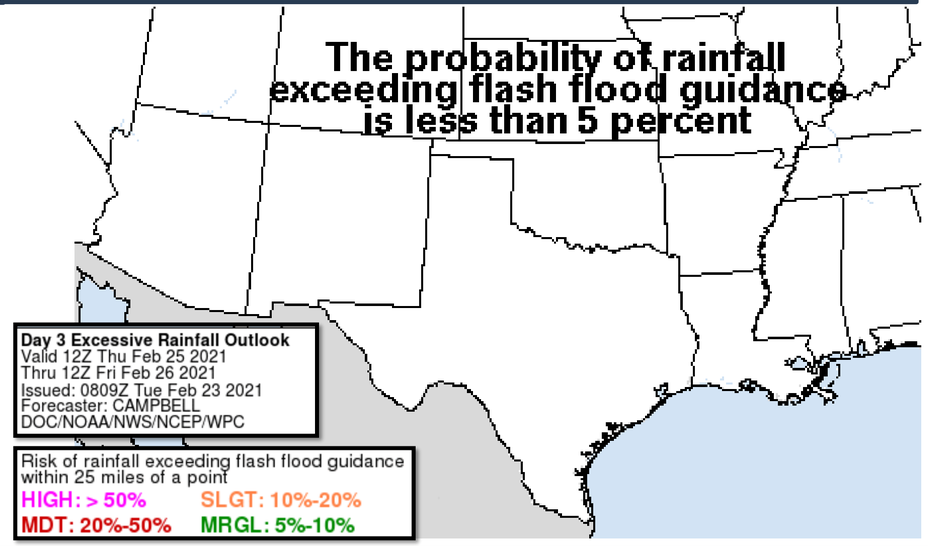



**No significant weather expected.**

## Severe Weather Outlook




## Excessive Rainfall Outlook



# Days 4-5 Weather Hazards

## Friday - Saturday

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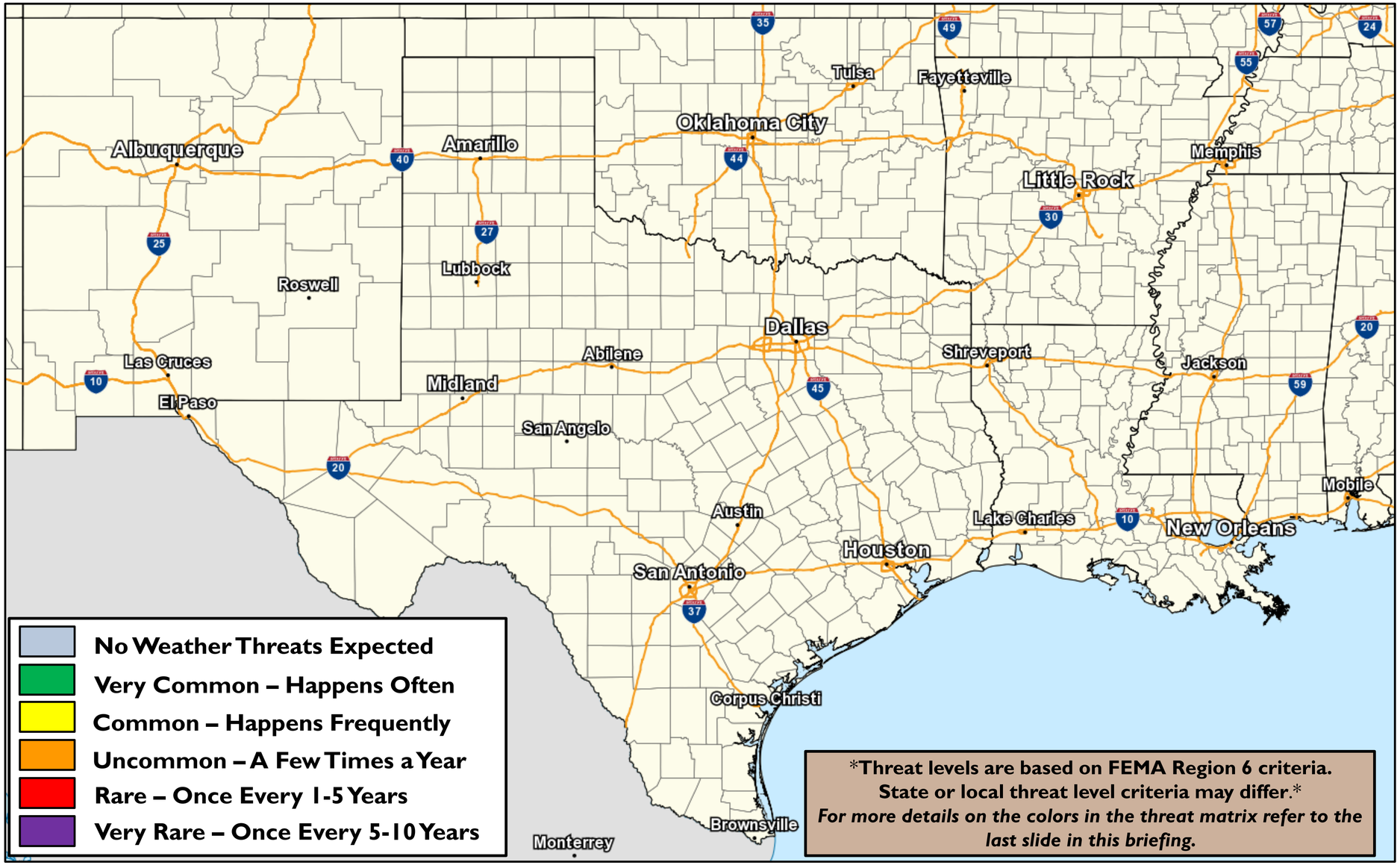


**No significant weather expected.**

# Space Weather 3-Day Forecast

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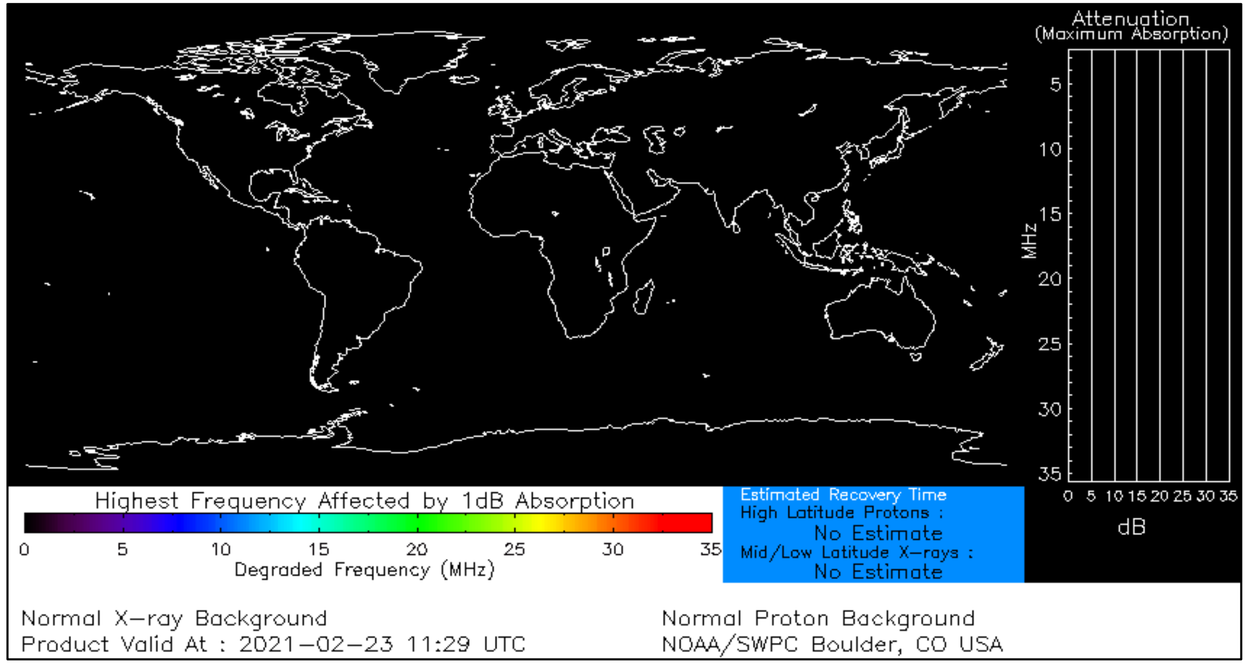
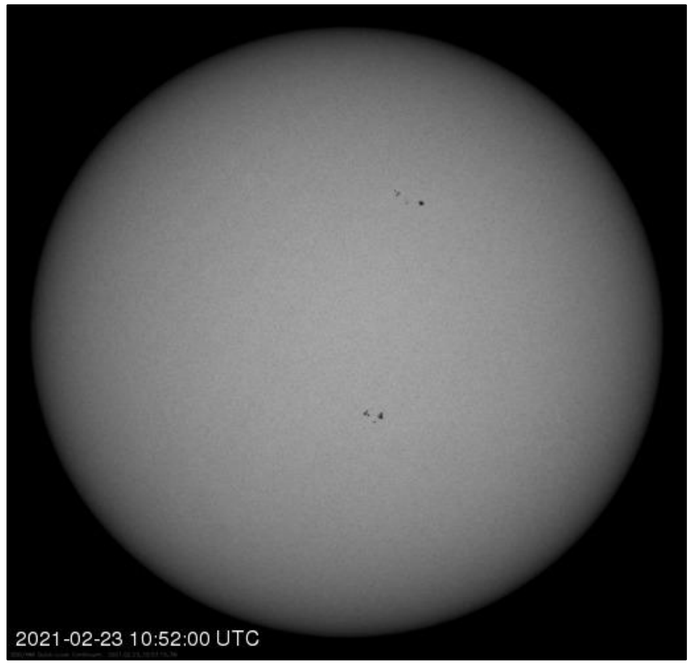
| | Tuesday | Wednesday | Thursday |
|---|---|---|---|
| Geomagnetic Storms | Minor (G1) Storm (Max Kp = 5) | Quiet to Active (Max Kp = 4) | Quiet (Max Kp = 2) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 1% | 1% | 1% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |




[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

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| Weather "Threat" Matrix | | | |
|---|---|---|---|
| **Color** | **Definition** | **Criteria** | **Example(s)** |
| **Green** | **Very Common**<br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Little Inconvenience to Daily Routines | 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 | • Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees<br>• Something that happens almost every day in a particular season such as seabreeze storms in coastal TX |
| **Yellow** | **Somewhat Common – Happens Frequently**<br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Some Inconvenience to Daily Life | 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 | • 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible<br>• Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail |
| **Orange** | **Uncommon – A Few Times a Year**<br>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br>Impact Potential: Typically Results in Minor Disruption to Daily Life | 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 | • A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely<br>• Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail<br>• Some large fires reported, burn bans advertised, critical conditions expected |
| **Red** | **Rare – Once every 1-5 Years**<br>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br>Impact Potential: Will likely result in Large Disruption to Daily Life | 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 | • A Category 1 hurricane will be moving towards the NW Gulf in the next few days<br>• Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail<br>• Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| **Purple** | **Very Rare – Once Every 5-10 Years**<br>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 | 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 | • A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow<br>• 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.**