FEMA

Prepared by
Kurt Van Speybroeck

FEMA Region 6 Weather Threat Briefing

Thursday May 14, 2020

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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- **Isolated strong to severe storms with heavy rain/flash flooding across W TX/OK into NW AR.**
- **Severe thunderstorms through Friday across W TX into OK.**
- **Heavy rain/flash flooding across TX into OK Friday and Saturday.**
- **Elevated fire weather conditions today across NM into W TX.**

FEMA Region 6 Threat Matrix

May 14, 2020 - May 18, 2020

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DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms	W TX/OK NW AR	SW OK/W TX TX/OK/AR/NW LA	Coastal TX		
Heavy Rain / Flash Flooding	NE OK NW AR	OK/TX	E TX ArkLaTex		
Fire Weather	NM/ WTX				
Tropical Weather					
Winter Weather					
River Flooding	MS River AR/LA	MS River AR/LA	MS River AR/LA	MS River AR/LA	MS River 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.

Tropical Weather Outlook – Atlantic/Gulf

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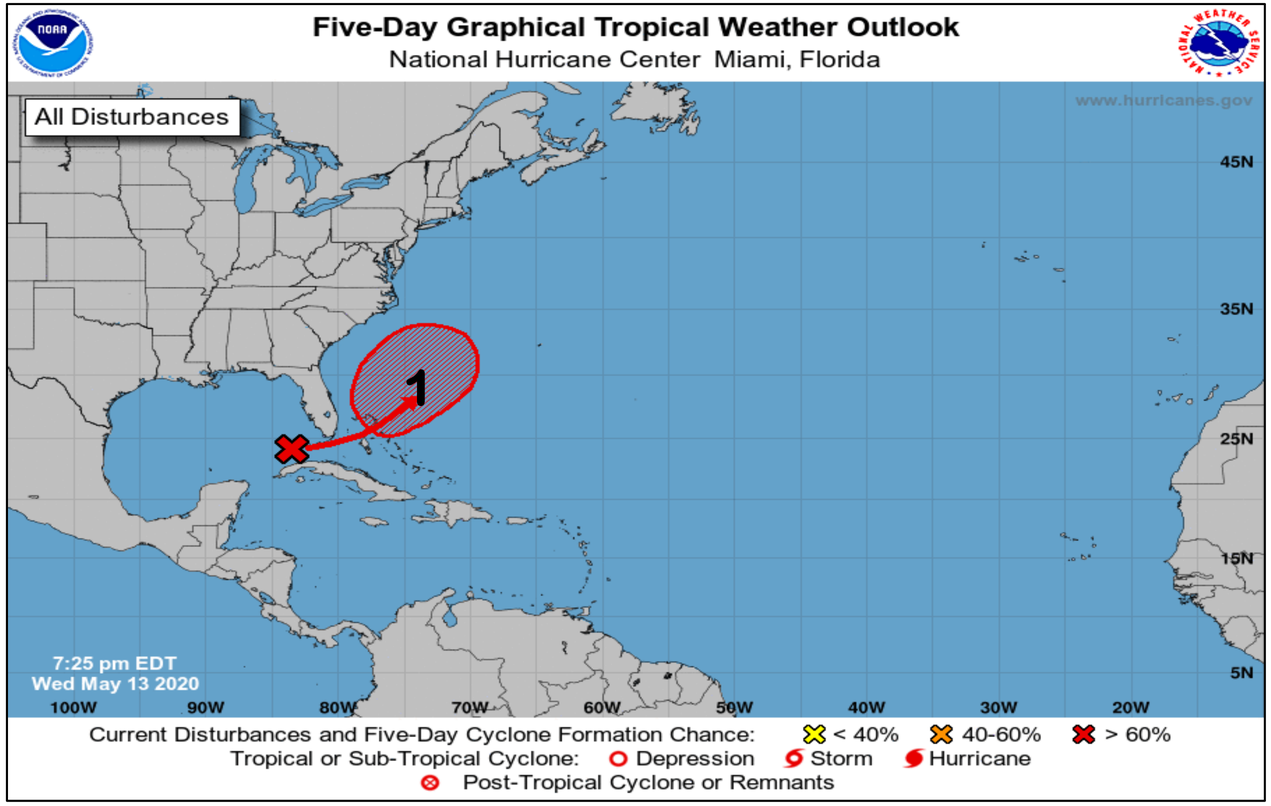
Areas of Possible Development		
Area	Chance of Development	Potential Impacts to FEMA 6
I	70%	None

Active Tropical Cyclones	
Storm	Potential Impacts to FEMA 6
-	None



See http://www.hurricanes.gov for the latest on the tropics or any active storms

5-Day Precipitation Forecast & River Flood Status

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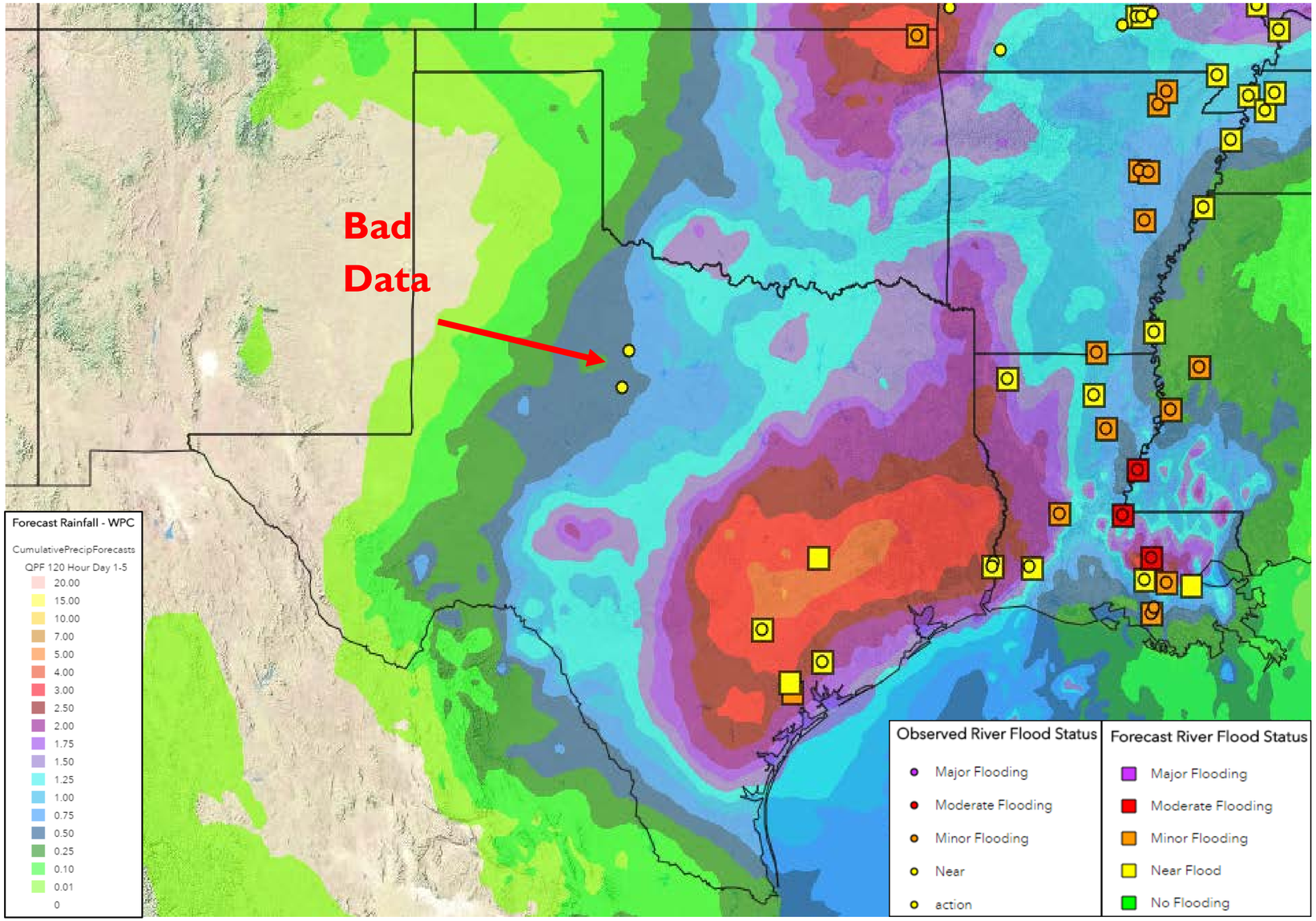
Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate flooding continues in Louisiana on the MS River with impacts to navigation.

Minor flooding continues in Louisiana and Arkansas.
Impacts to agriculture and secondary roads.

Today's Weather

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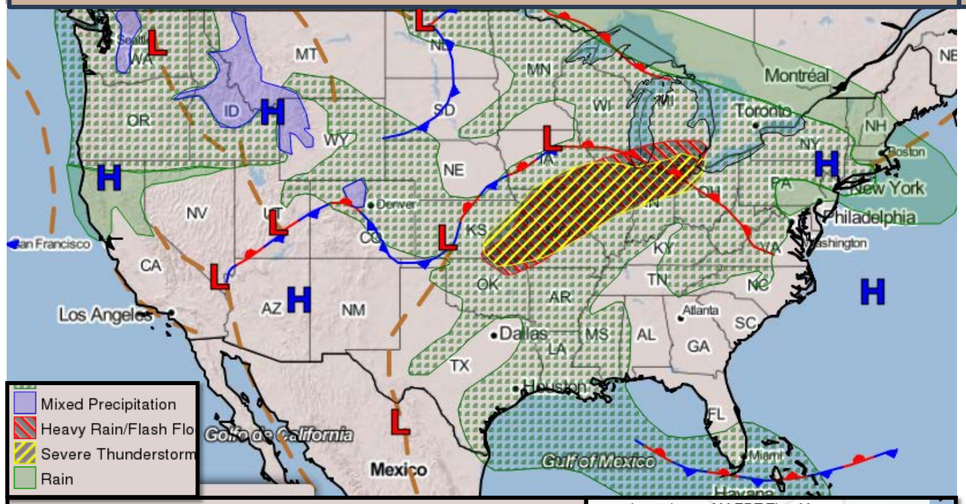
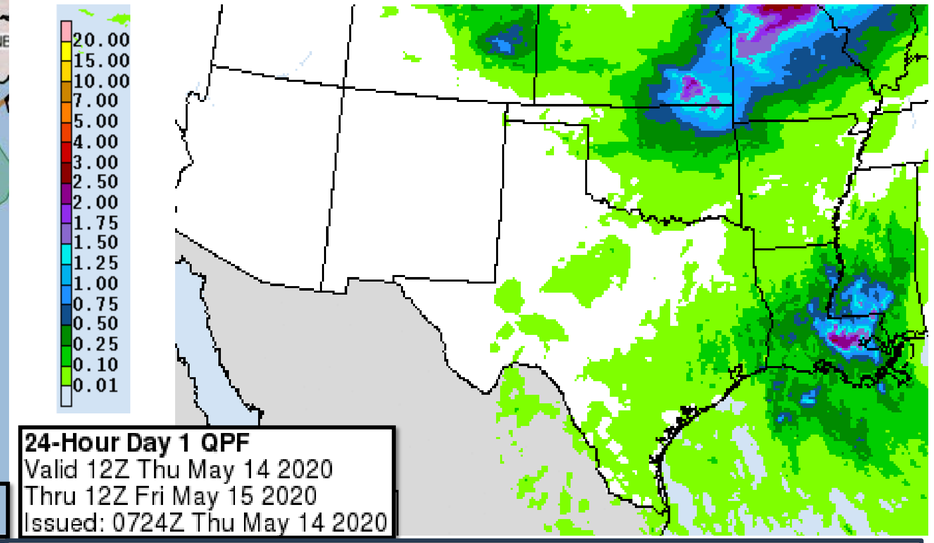
Forecast Chart

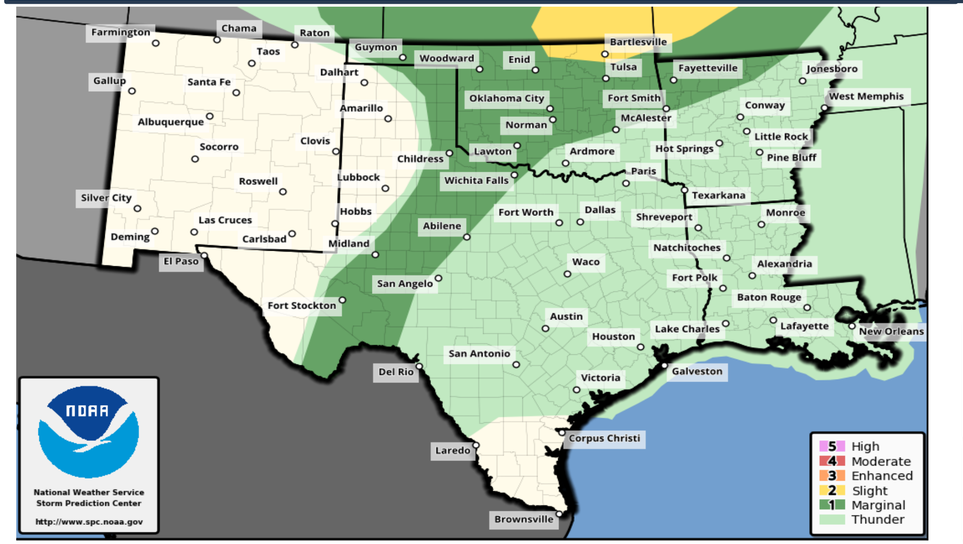


Forecast Rainfall

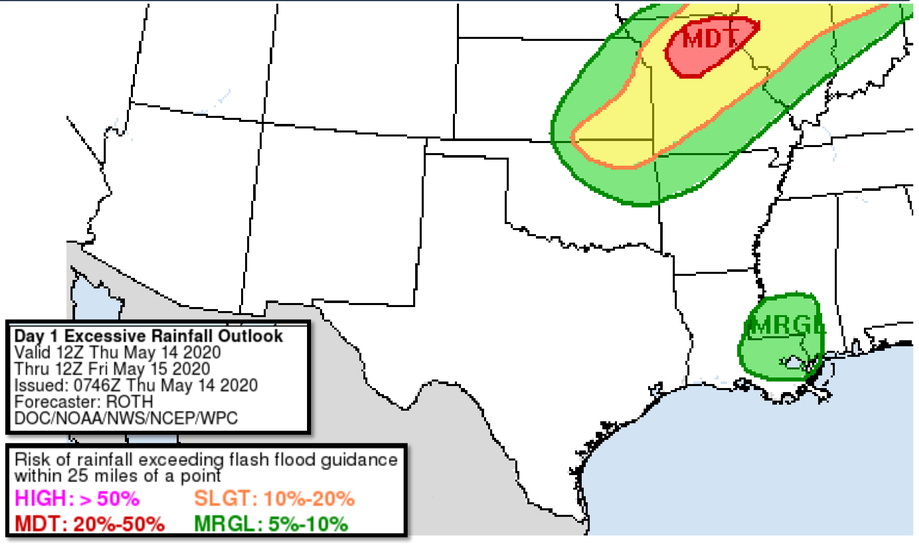


Severe thunderstorms with heavy rain/flash flooding across W TX/OK into NW AR.

Severe Weather Outlook



Excessive Rainfall Outlook



Fire Weather Outlooks

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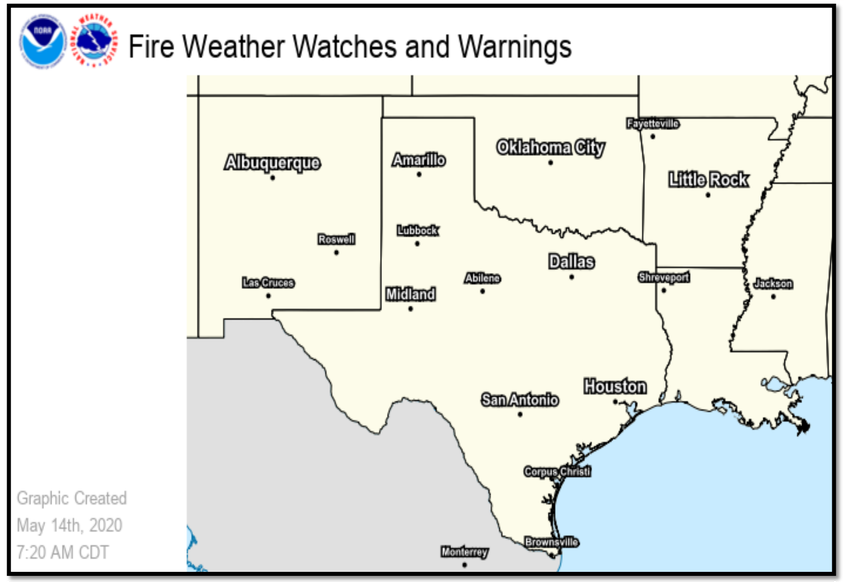
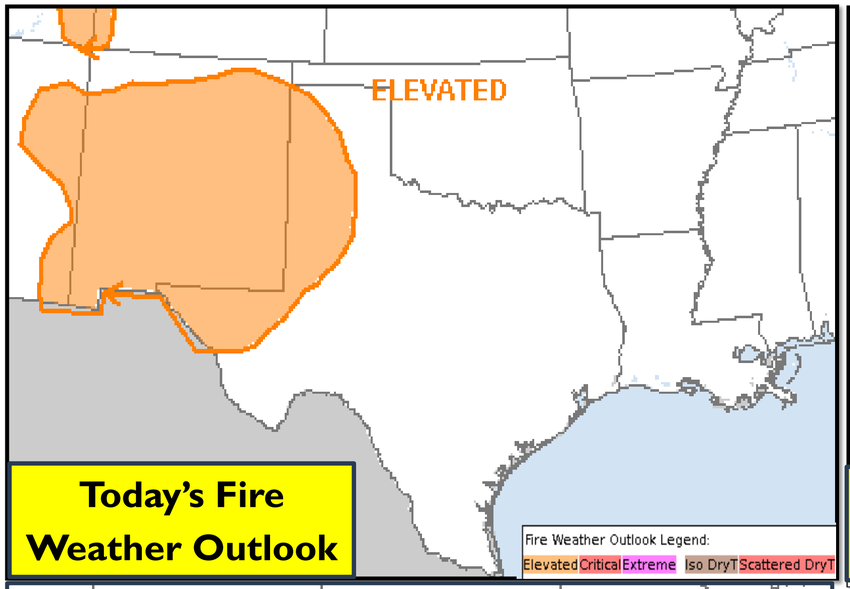
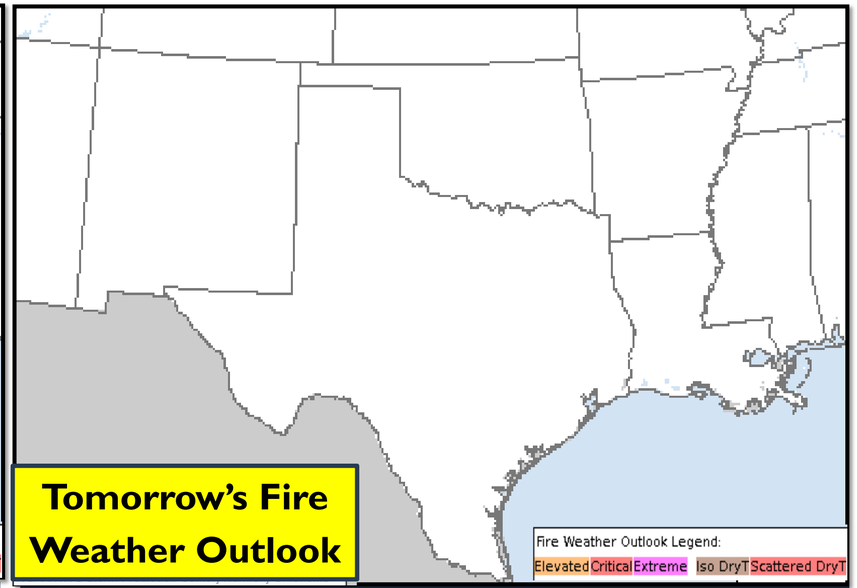
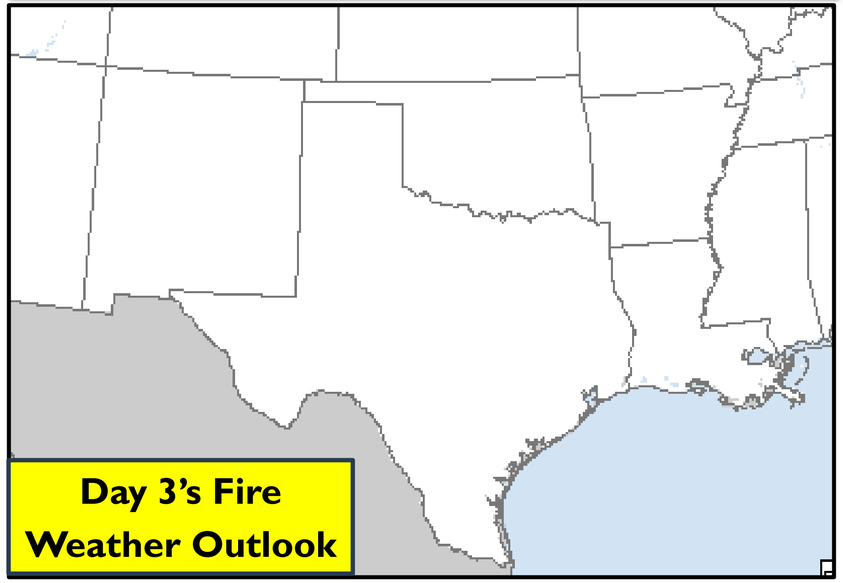




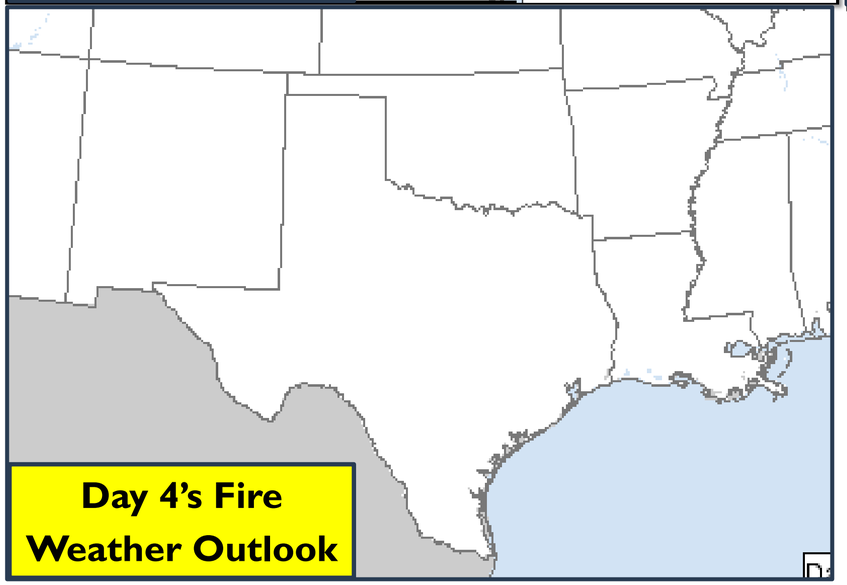
Today's Fire Weather Outlook



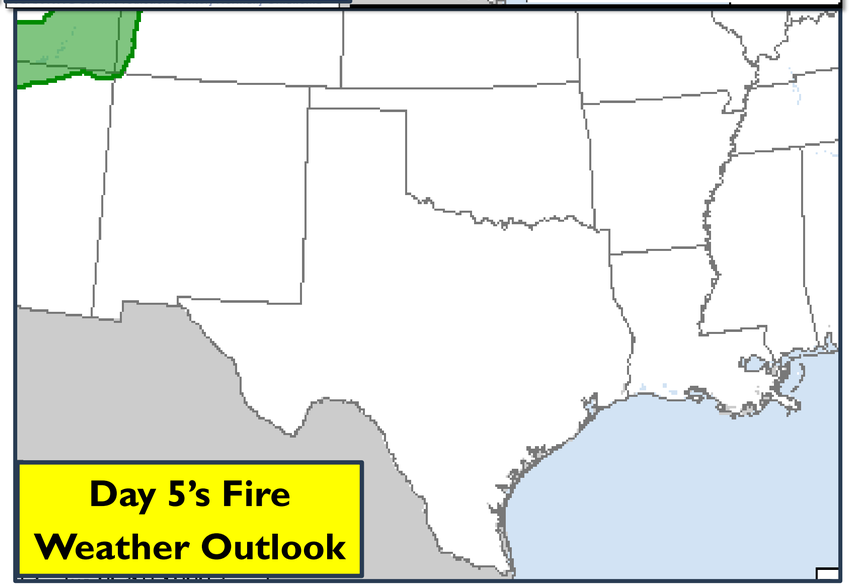
Tomorrow's Fire Weather Outlook



Day 3's Fire Weather Outlook



Day 4's Fire Weather Outlook



Day 5's Fire Weather Outlook

5/14/2020 7:24 AM

<u>Note</u>: Days 3-5 only highlight Critical areas

www.weather.gov/srh

Tomorrow's Weather

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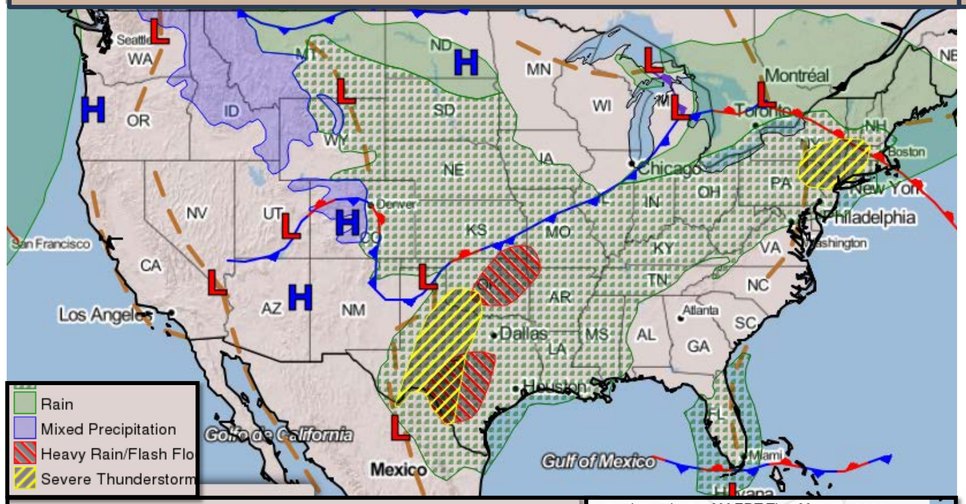
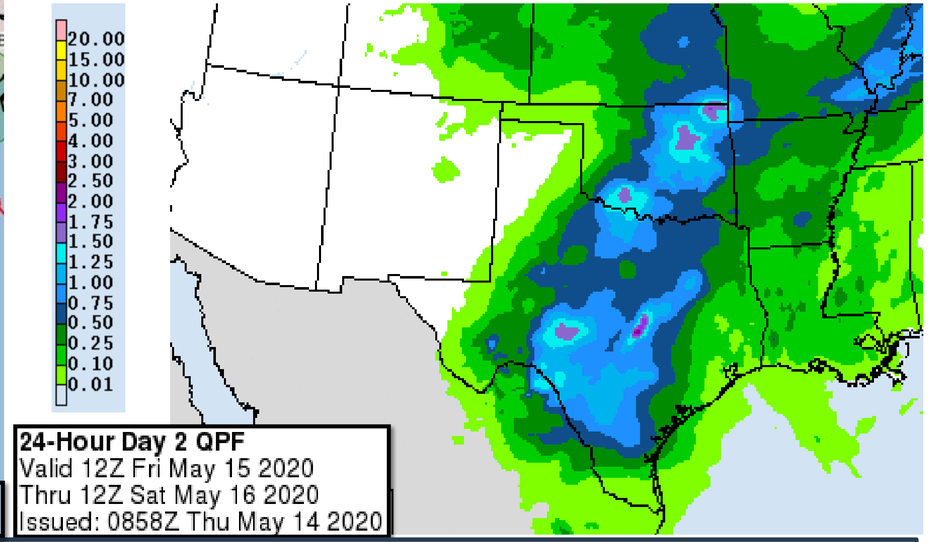
Forecast Chart



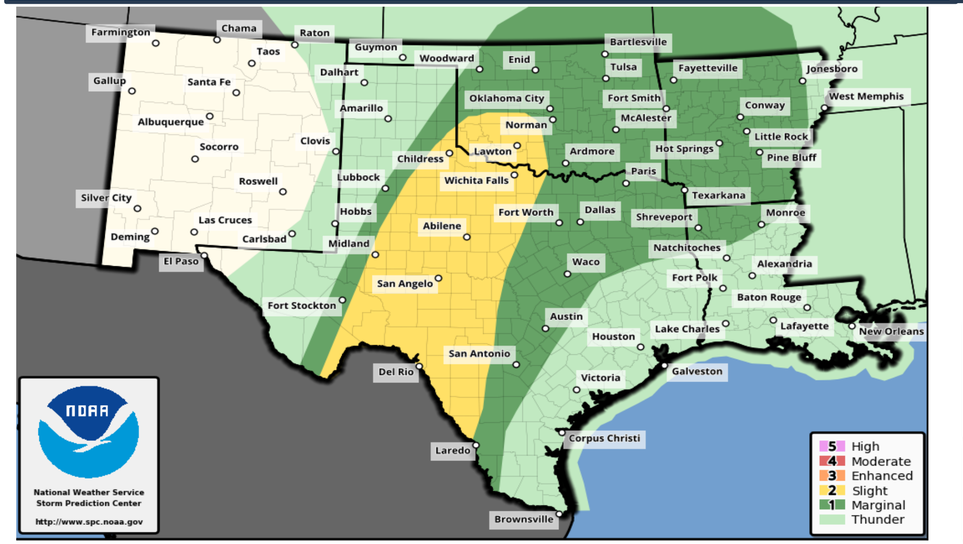
Forecast Rainfall



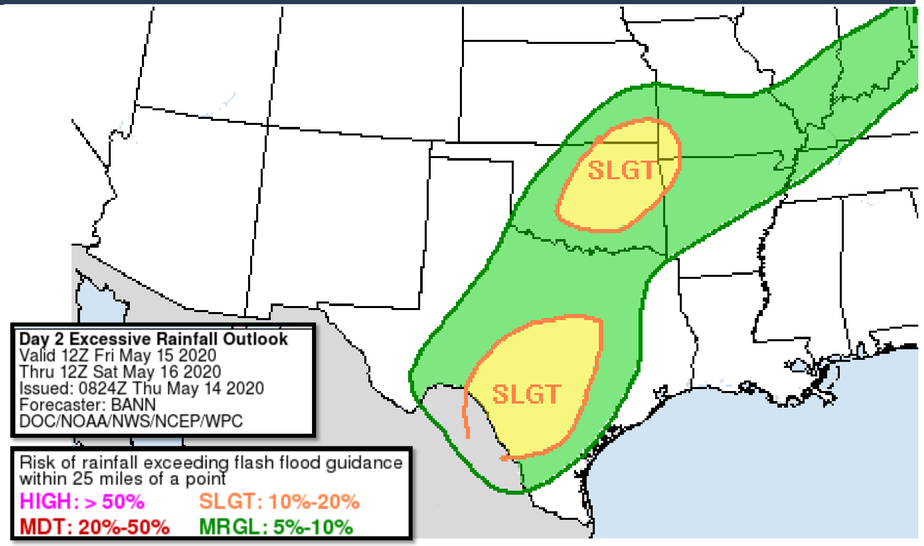
Severe thunderstorms (hail/damaging wind) across W TX into SW OK.

Moderate/heavy rain with flash flooding across TX into OK.

Severe Weather Outlook



Excessive Rainfall Outlook



Saturday's Weather

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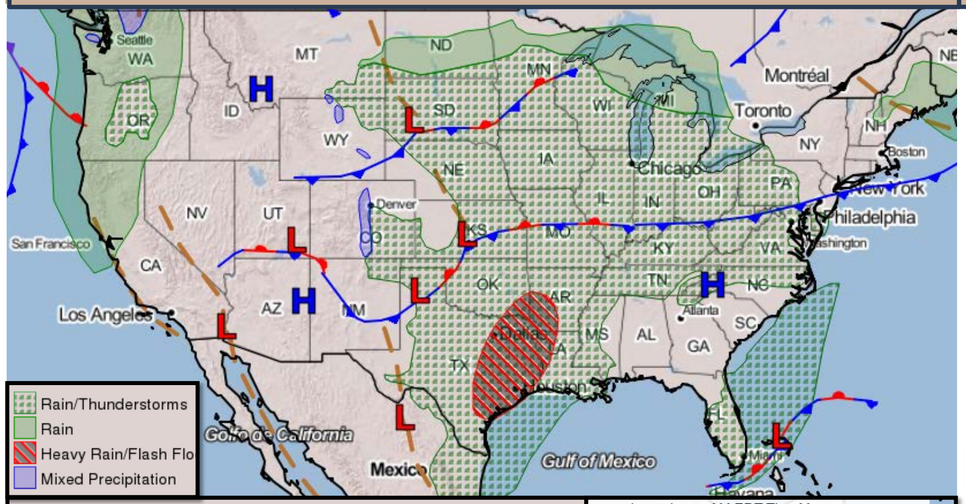
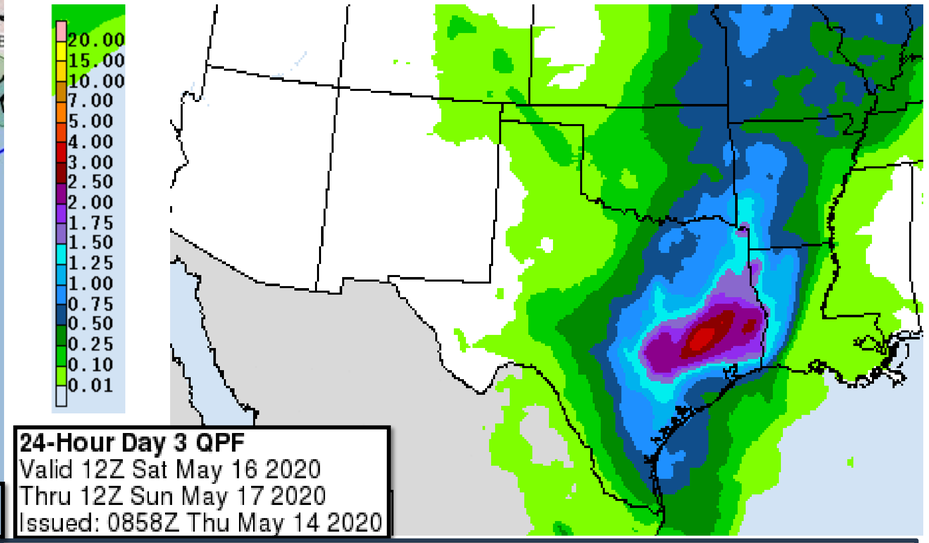
Forecast Chart



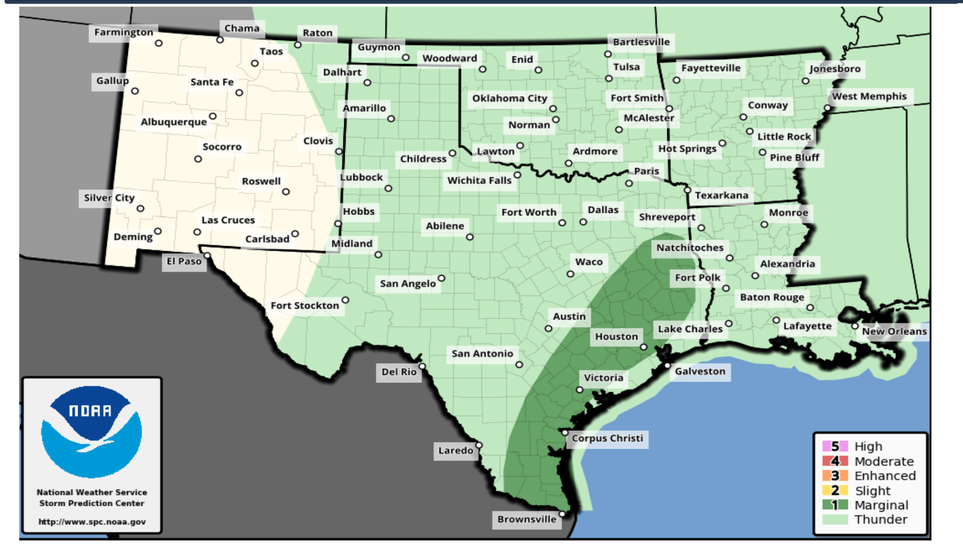
Forecast Rainfall



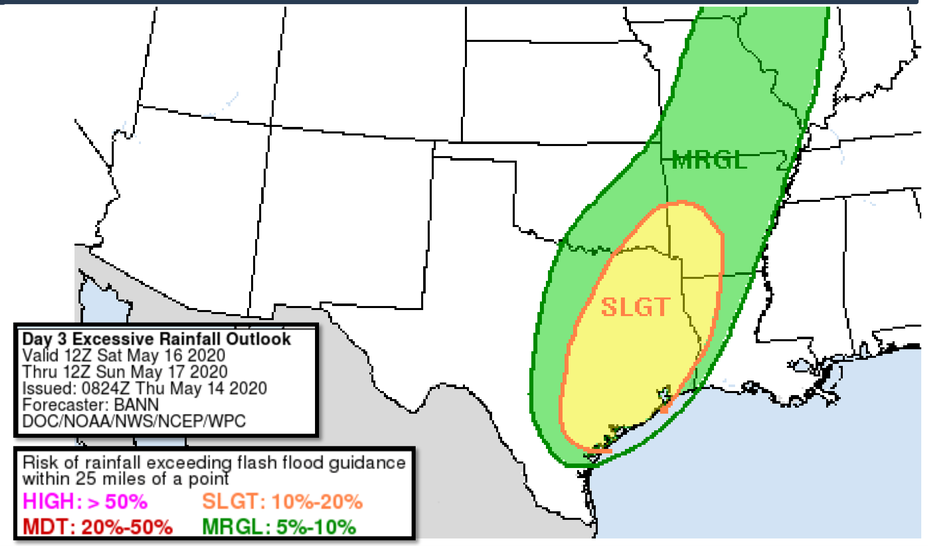
Heavy rainfall and flash flooding across E TX into the ArkLaTex.

Isolated strong to severe storms across Coastal TX.

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

Sunday - Monday

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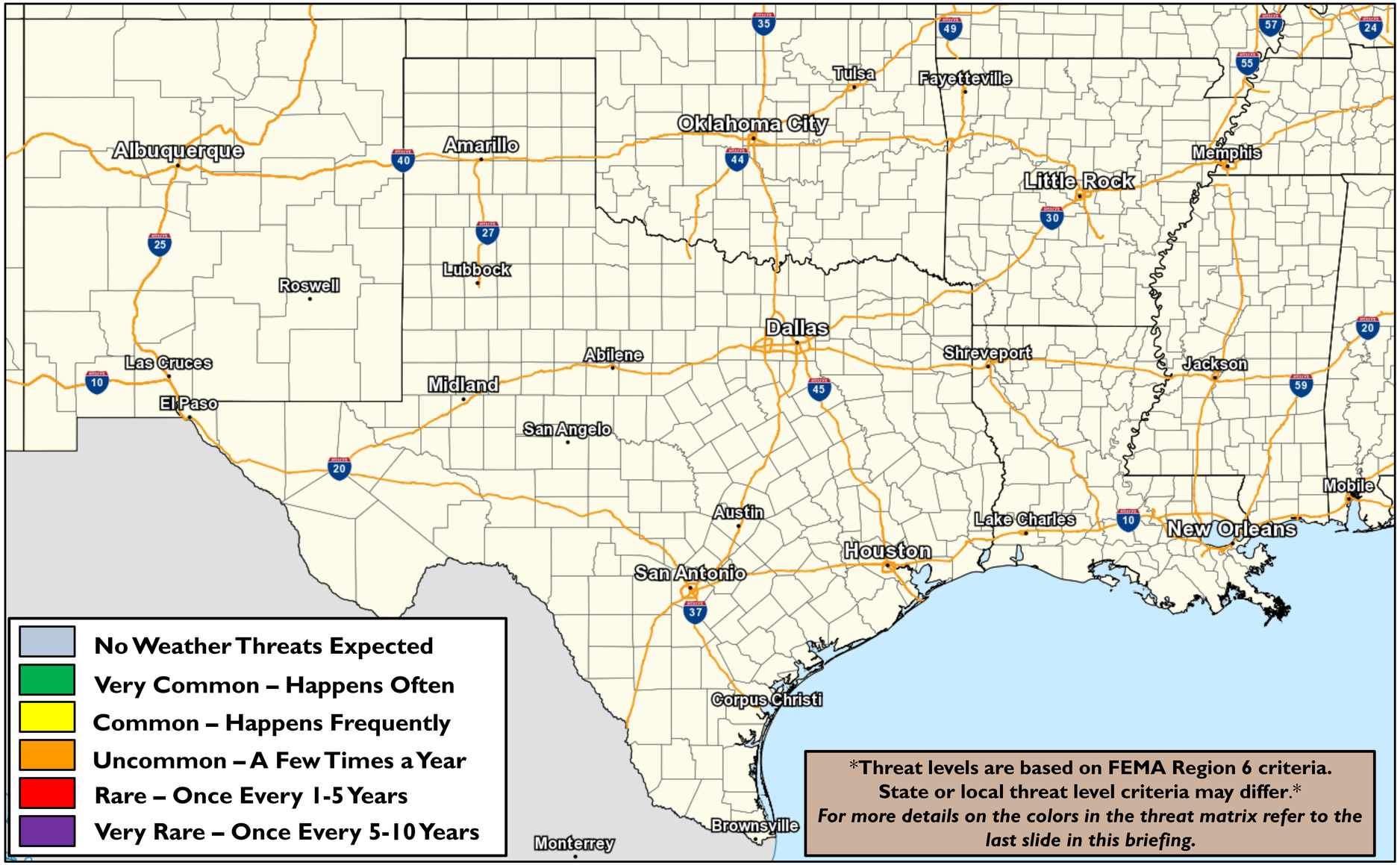

No significant weather impacts.

Space Weather 3-Day Forecast

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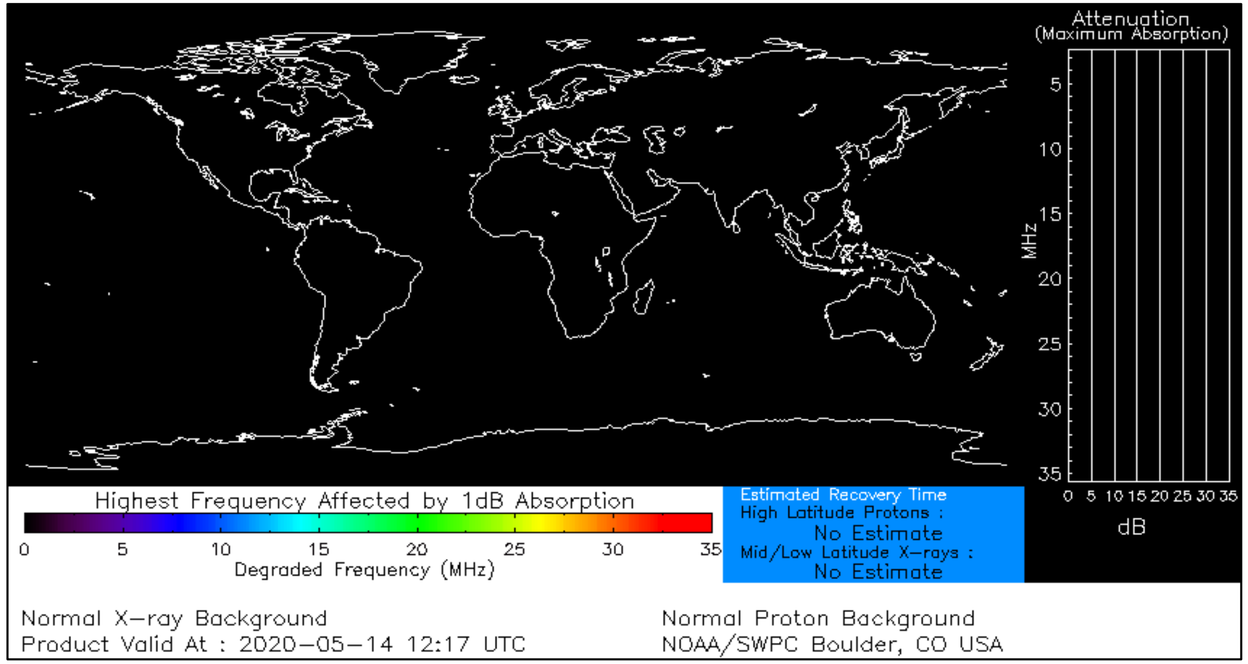
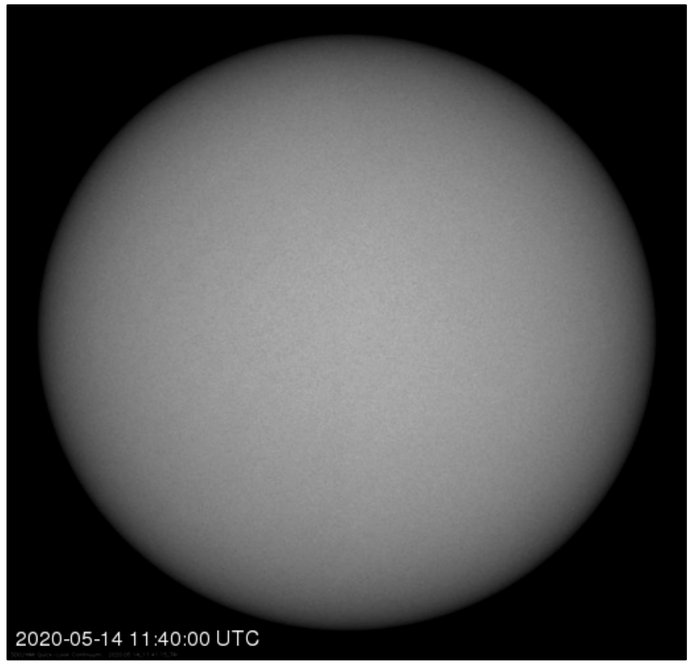
	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



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** 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	• 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	**Somewhat Common – Happens Frequently** 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	• 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	**Uncommon – A Few Times a Year** 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	• 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	**Rare – Once every 1-5 Years** 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	• 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	**Very Rare – Once Every 5-10 Years** 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	• 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.