FEMA

Prepared by
Kurt Van Speybroeck

FEMA Region 6 Weather Threat Briefing

Sunday April 26, 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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- **Elevated fire weather conditions across NM through Monday.**
- **Strong to severe thunderstorms possible across W TX Monday.**
- **Slight risk area for severe thunderstorms Tuesday into Wednesday across NE TX/E OK into W AR/N LA.**

FEMA Region 6 Threat Matrix

Apr 26, 2020 - Apr 30, 2020

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

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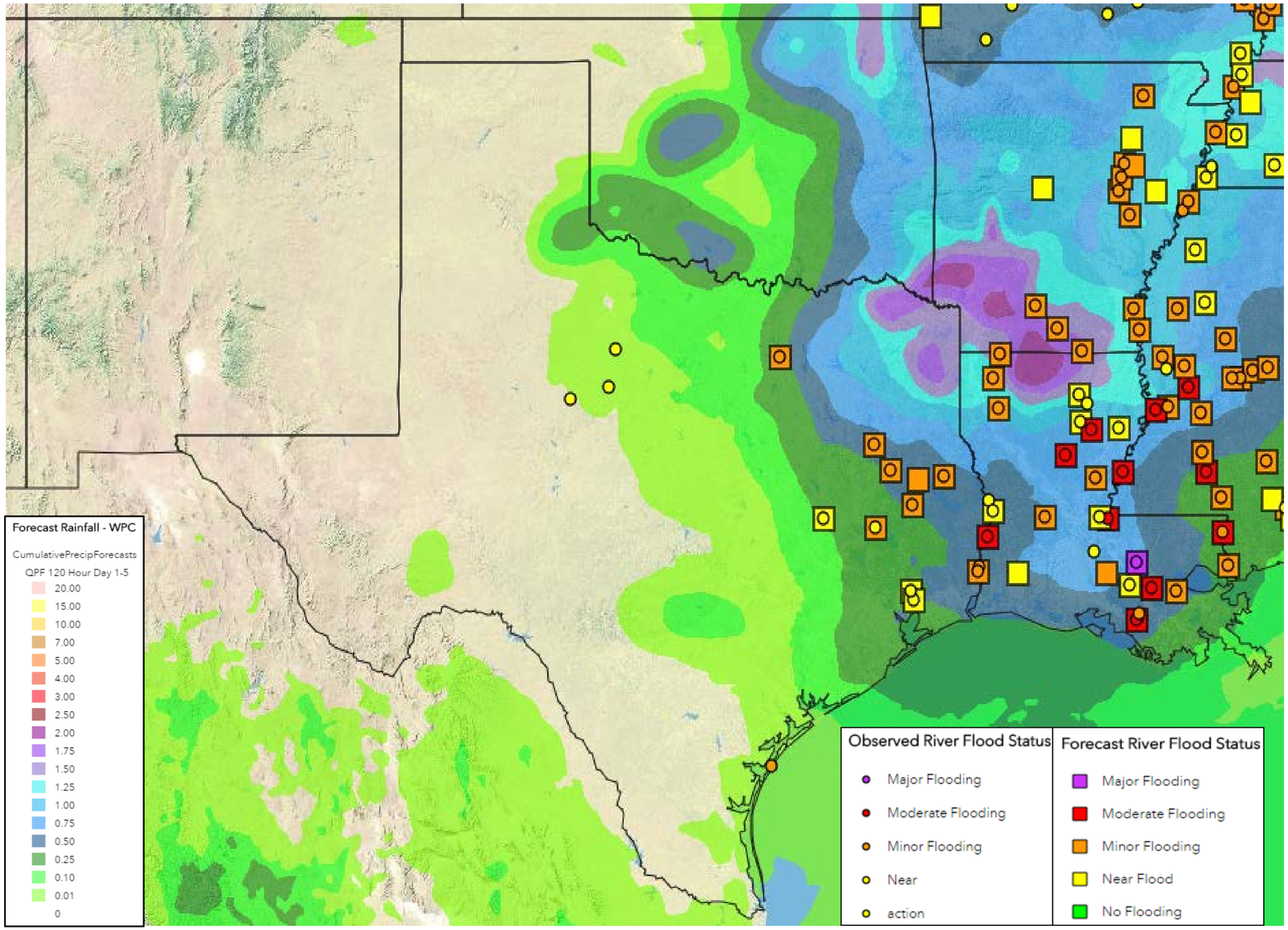
Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Moderate flooding continues south of Vicksburg on the MS River. Points will continue to recede, outside of Baton Rouge that will remain at major flood stage through early May, with impacts mainly to agriculture and navigation.

- **The Bonnet Carré Floodway continues to operate and cresting conditions will continue at New Orleans, LA and Reserve, LA until the floodway is no longer operating. The USACE will slowly close bays over the next week as the lower MS River falls.**
- **The Atchafalaya River at Morgan City, LA will maintain moderate flood stage through next week. Some flooding of buildings possible.**

The Neches River near Alto will remain in moderate flood stage through Sunday. Impacts at the current level are to a wooded floodplain, boat ramps and picnic areas.

Today's Weather

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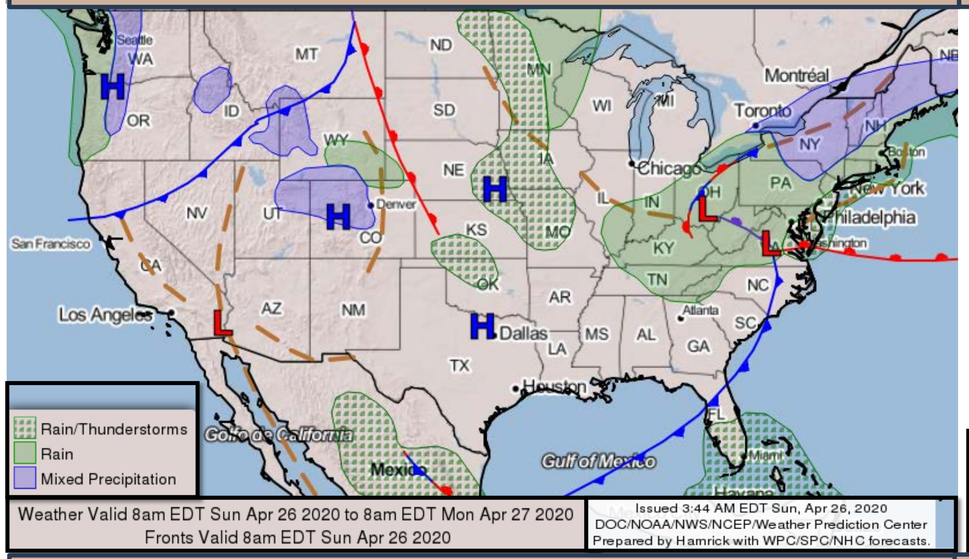
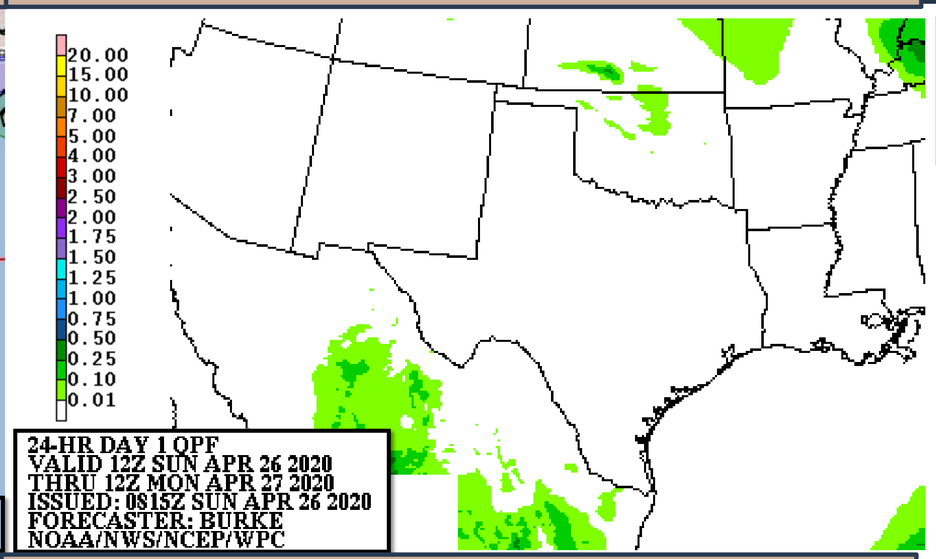
Forecast Chart

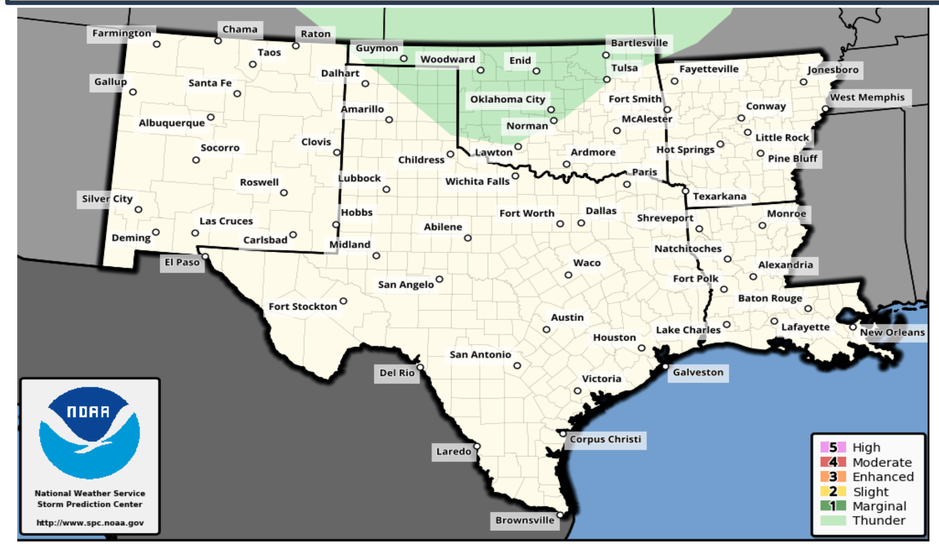


Forecast Rainfall

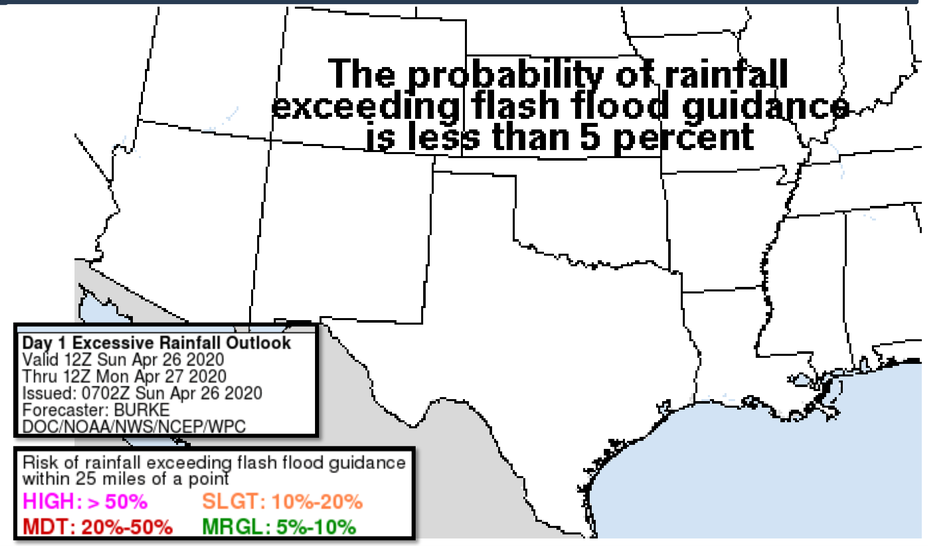


No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Fire Weather Outlooks

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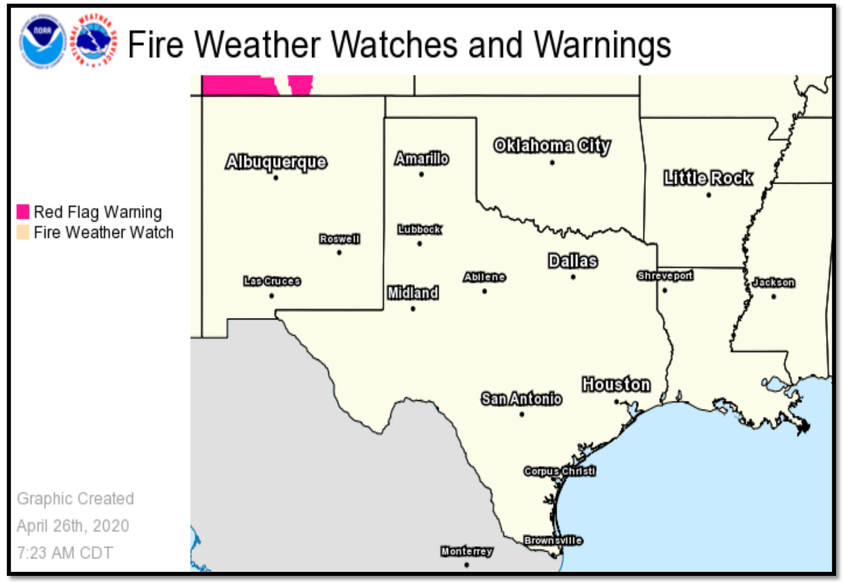
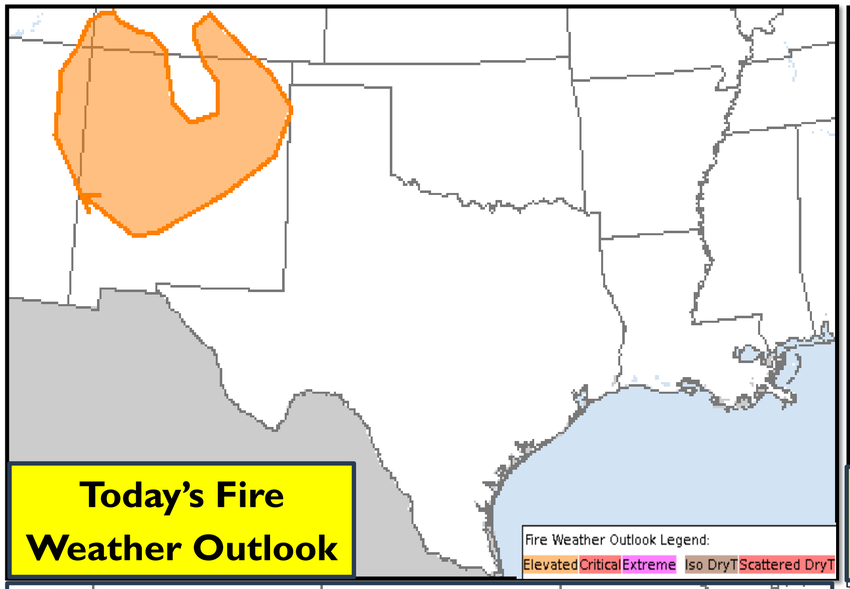
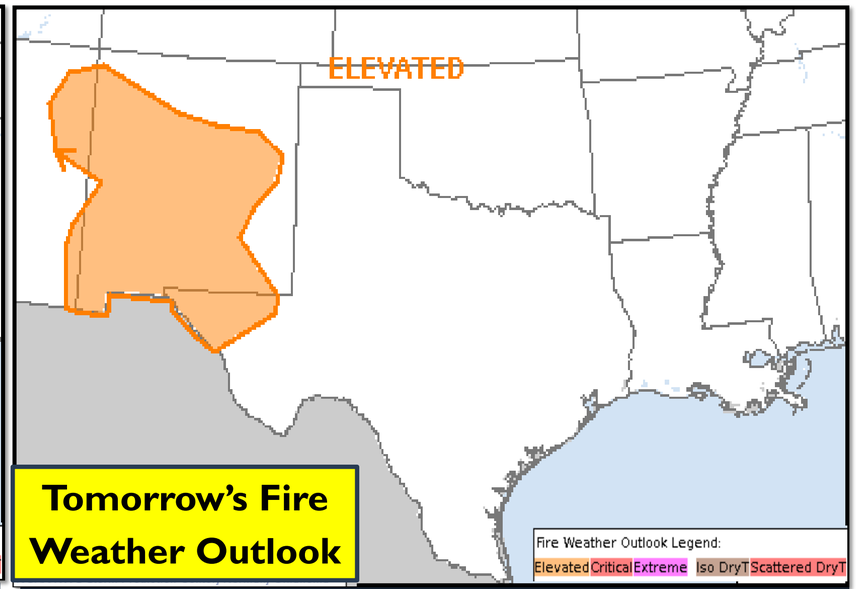
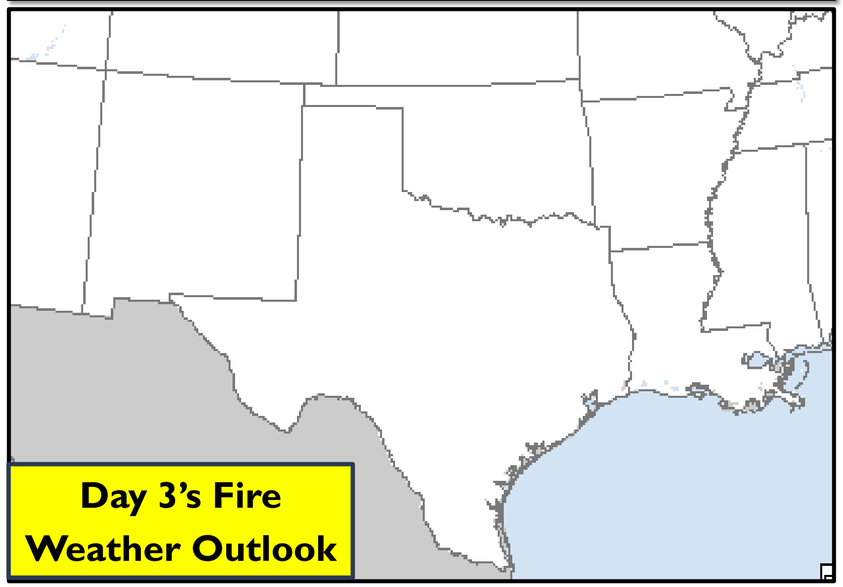




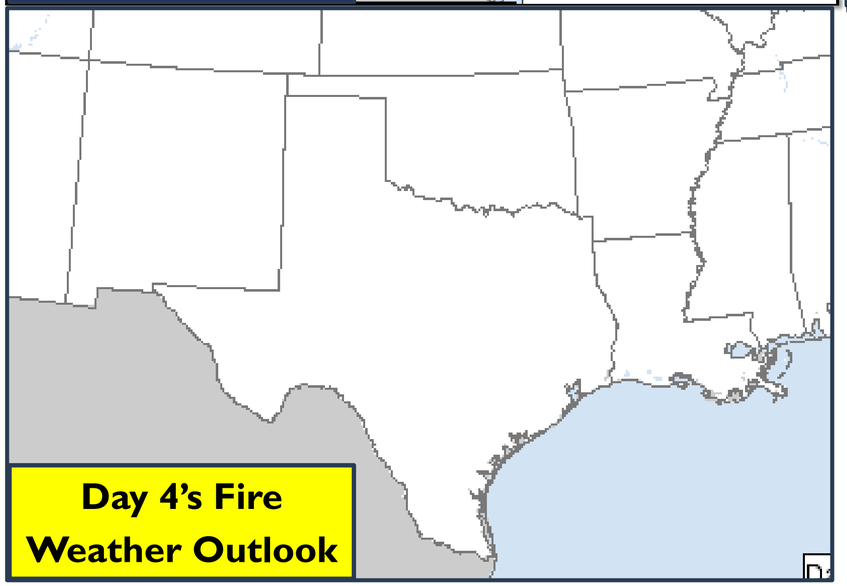
Today's Fire Weather Outlook



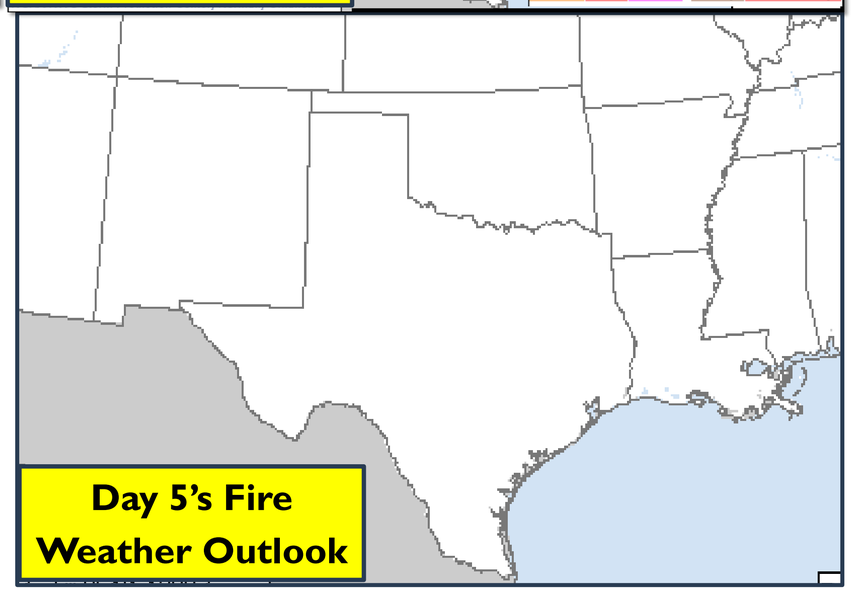
Tomorrow's Fire Weather Outlook



Day 3's Fire Weather Outlook



Day 4's Fire Weather Outlook



Day 5's Fire Weather Outlook

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

Tomorrow's Weather

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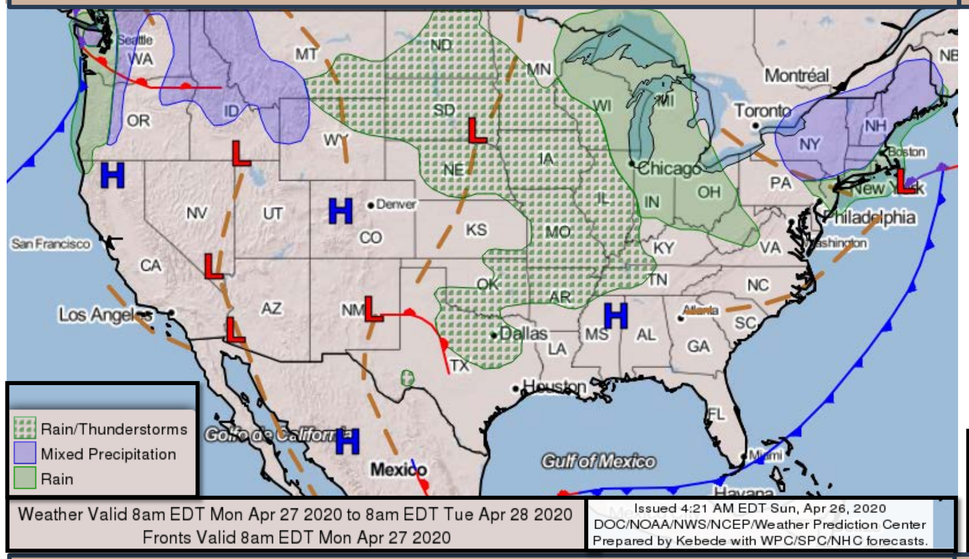
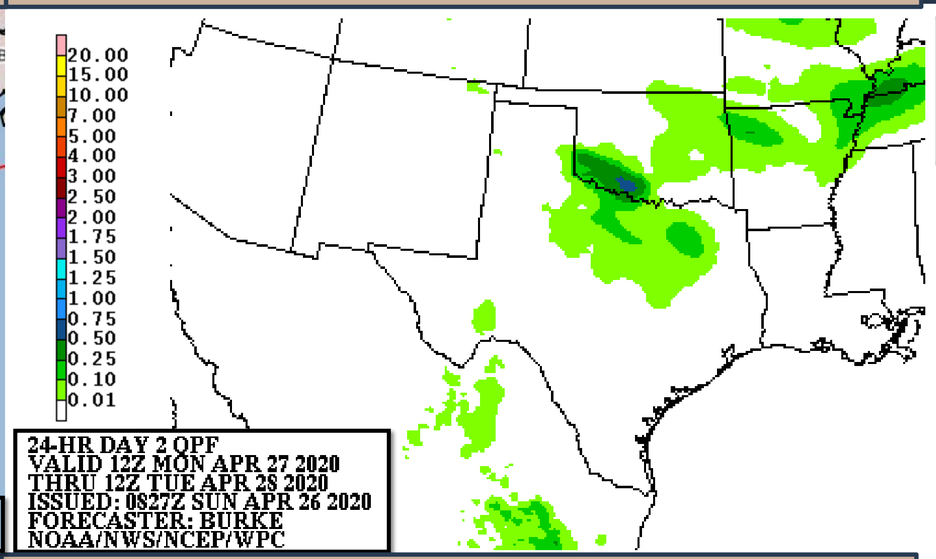
Forecast Chart



Weather Valid 8am EDT Mon Apr 27 2020 to 8am EDT Tue Apr 28 2020
Fronts Valid 8am EDT Mon Apr 27 2020

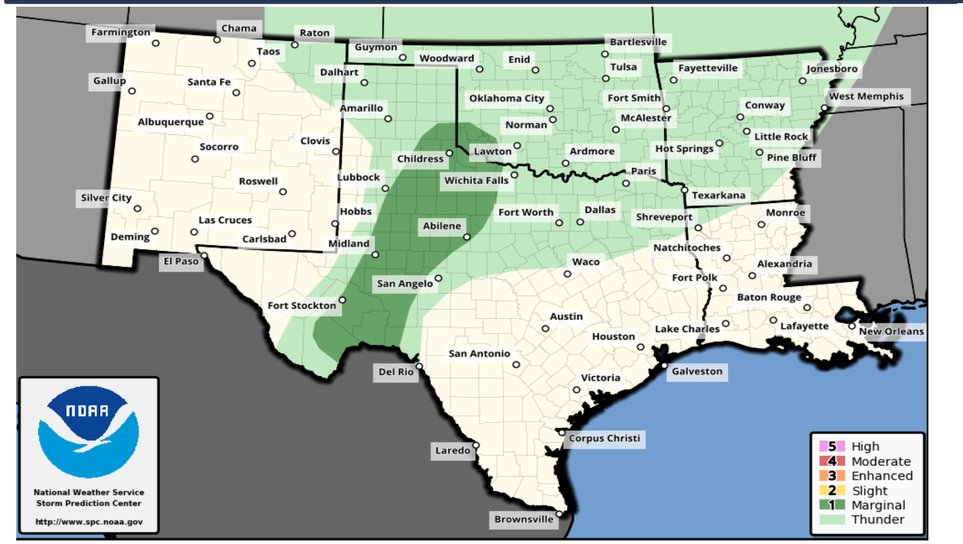
Issued 4:21 AM EDT Sun, Apr 26, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

Forecast Rainfall

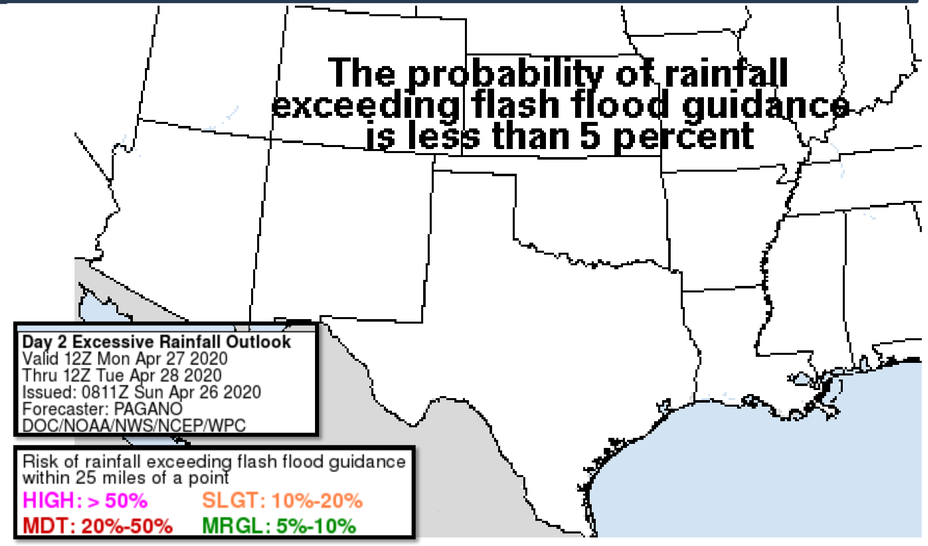


Strong to severe thunderstorms across W TX.

Severe Weather Outlook



Excessive Rainfall Outlook



Tuesday's Weather

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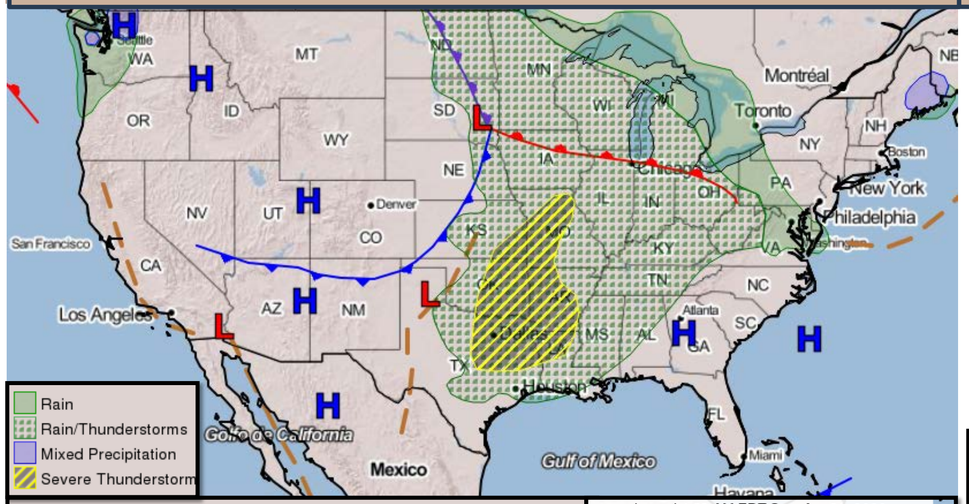
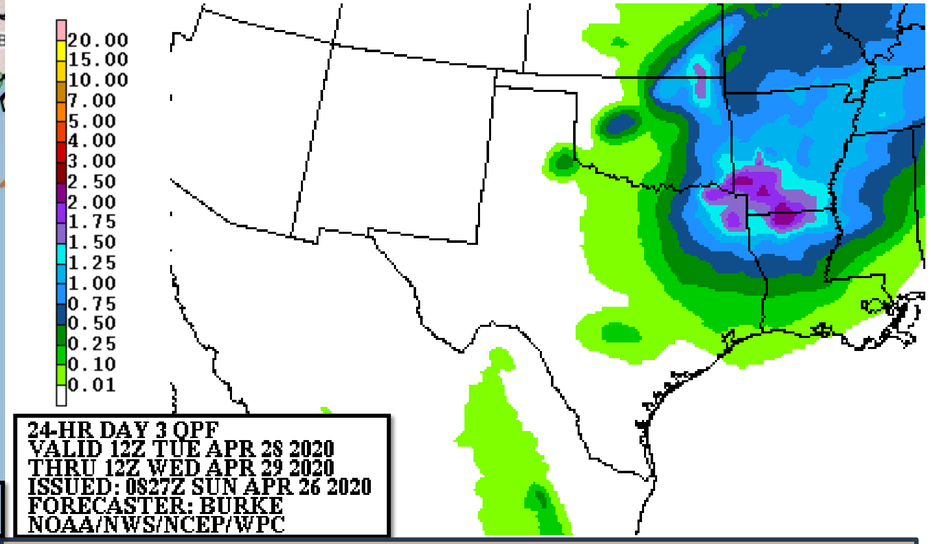
Forecast Chart

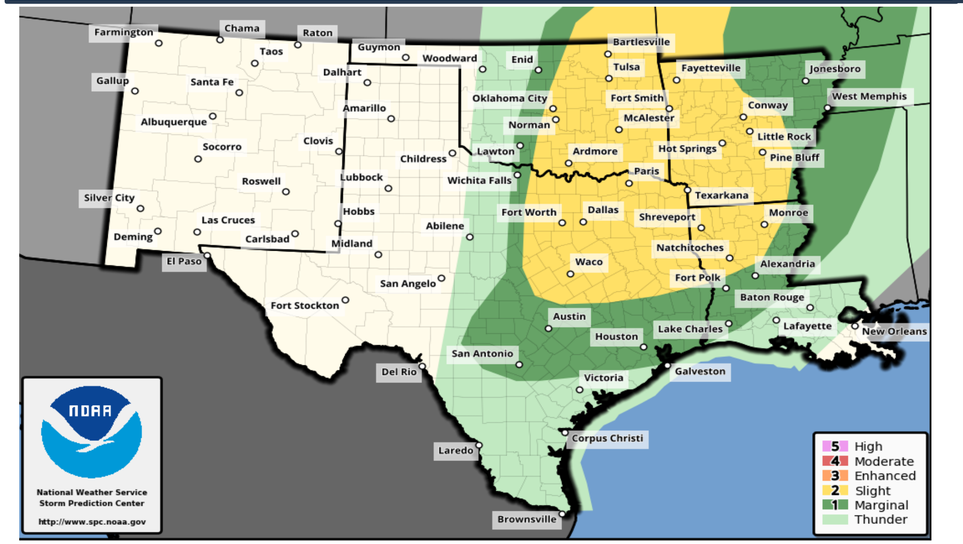


Forecast Rainfall

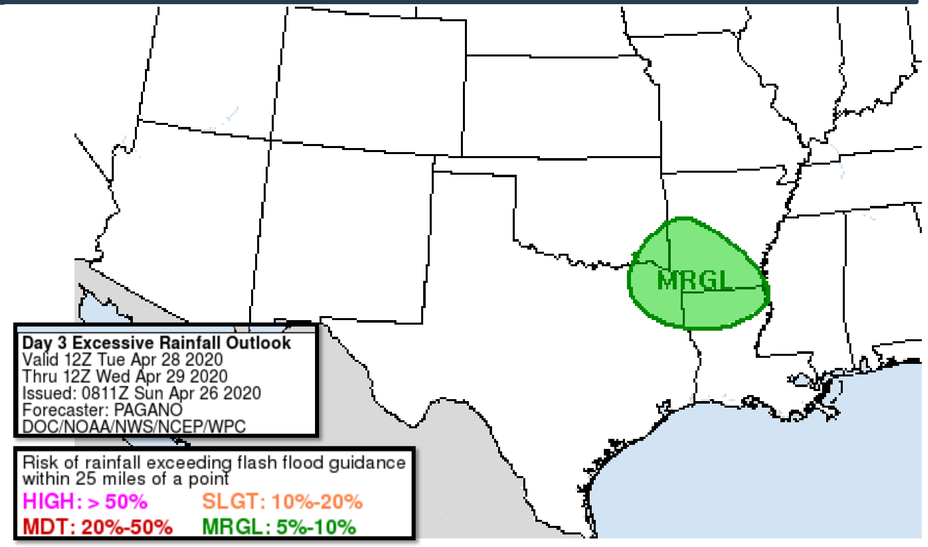


Slight risk area for severe thunderstorms with heavy rain across E OK/NE TX into AR/N LA.

Severe Weather Outlook



Excessive Rainfall Outlook



Days 4-5 Weather Hazards

Wednesday - Thursday

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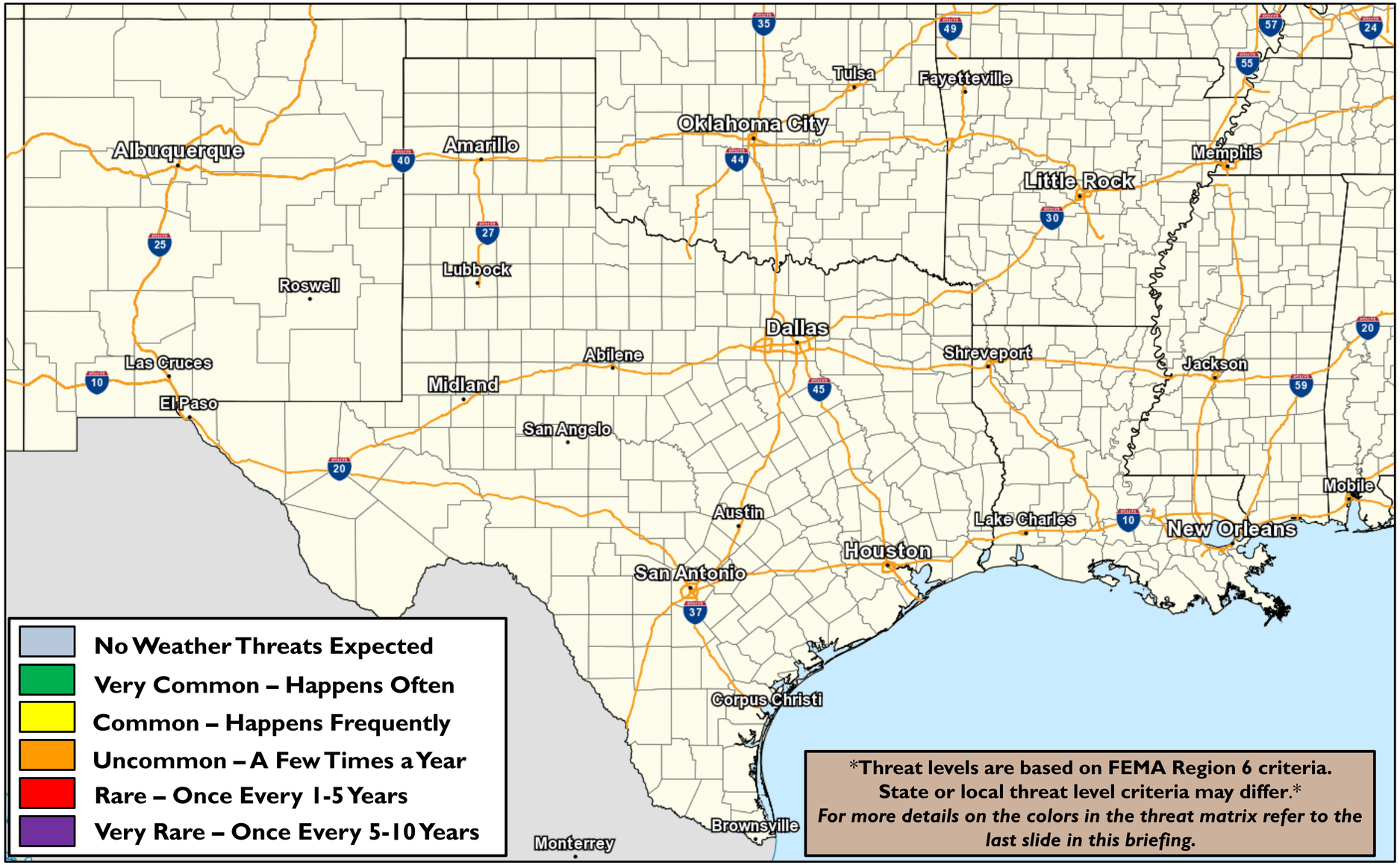

No significant weather impacts expected.

Space Weather 3-Day Forecast

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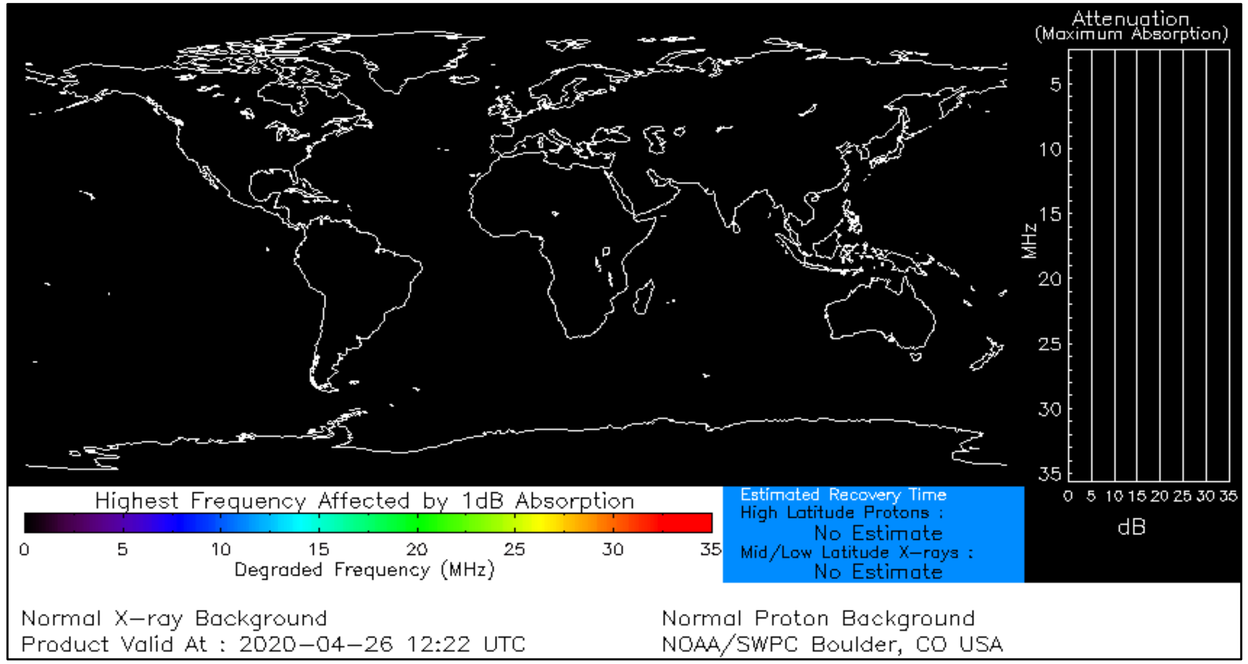
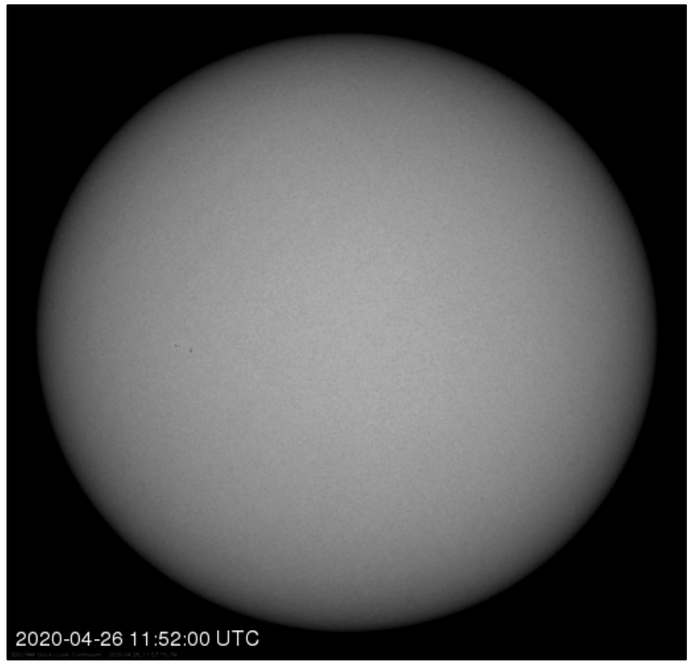
	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[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

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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.