



FEMA



Prepared by
Kurt Van Speybroeck

FEMA Region 6 Weather Threat Briefing

Wednesday April 8, 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.



NWSSouthern

www.weather.gov/srh



- **Enhanced risk area for severe thunderstorms across NE AR. (2+ inch hail/damaging winds) likely...isolated tornadoes possible.**
- **Slight risk area across Central TX (2+ inch hail/damaging winds) likely.**
- **Slight risk area for severe thunderstorms on Thursday across SE and S TX.**
- **Moderate to major river flooding is ongoing or forecast along the MS River.**

FEMA Region 6 Threat Matrix



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Apr 8, 2020 - Apr 12, 2020

DAY / THREAT	Wed	Thu	Fri	Sat	Sun
Severe Storms	NE AR	SE/STX	W TX	TX	
	Central TX	STX/S LA			
Heavy Rain / Flash Flooding					
Fire Weather					
Tropical Weather					
Winter Weather					
River Flooding	MS River				
	AR, LA, ETX				

	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

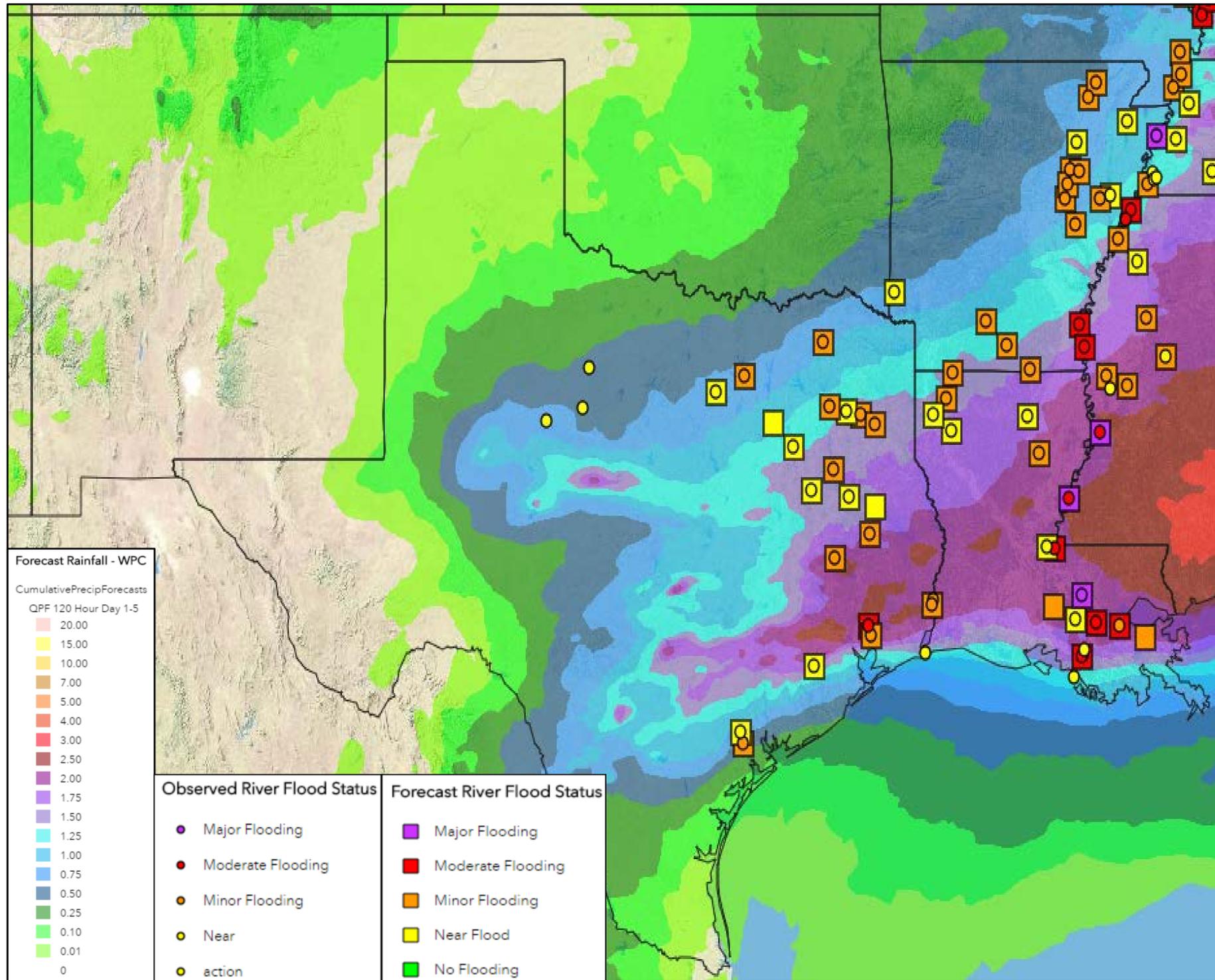
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.
For more details on the colors in the threat matrix refer to the last slide in this briefing.

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 to major flooding continues along the MS River.

- **Osceola, AR will continue in major flood stage through today w/ mostly agricultural impacts.**
- **Near Baton Rouge, LA a crest is expected late this week in major flood. Shipping and industrial activities significantly affected.**
- **The Bonnet Carré Floodway continues to operate and reduce flow at New Orleans, LA cresting at the 17.0ft flood stage today and staying near this level for the next 1 ½ weeks. Impacts to navigation. A 20 ft project levee protects the city.**

The Atchafalaya River at Morgan City, LA will maintain moderate flood stage this week. Some flooding of buildings possible.

The Trinity River at Liberty, TX will maintain moderate flood stage this week, with roads leading to subdivisions possibly flooding.

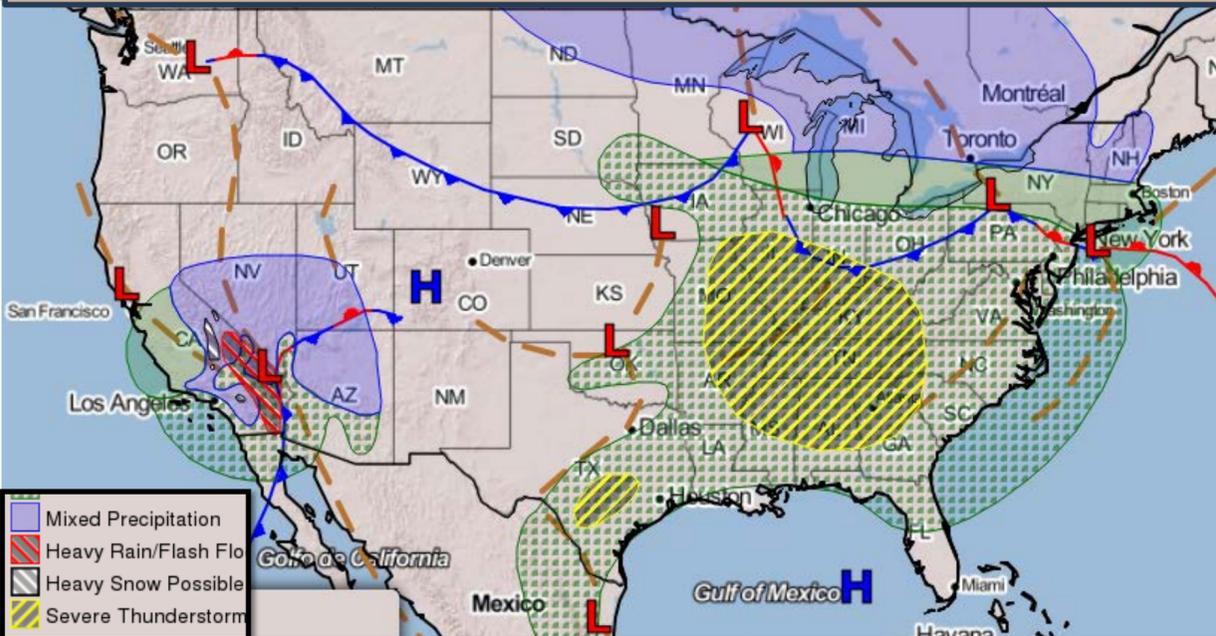
Today's Weather



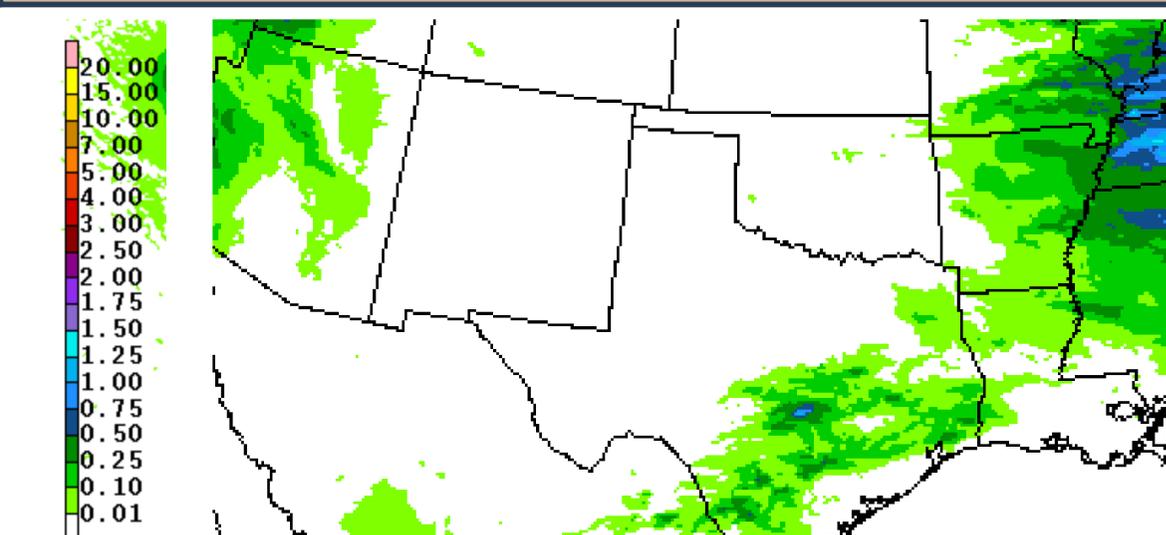
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Forecast Chart

Forecast Rainfall



Weather Valid 8am EDT Wed Apr 08 2020 to 8am EDT Thu Apr 09 2020
Fronts Valid 8am EDT Wed Apr 08 2020
Issued 4:35 AM EDT Wed, Apr 08, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Snell with WPC/SPC/NHC forecasts.



24-HR DAY 1 OPF
VALID 12Z WED APR 08 2020
THRU 12Z THU APR 09 2020
ISSUED: 0828Z WED APR 08 2020
FORECASTER: HAYES
NOAA/NWS/NCEP/WPC

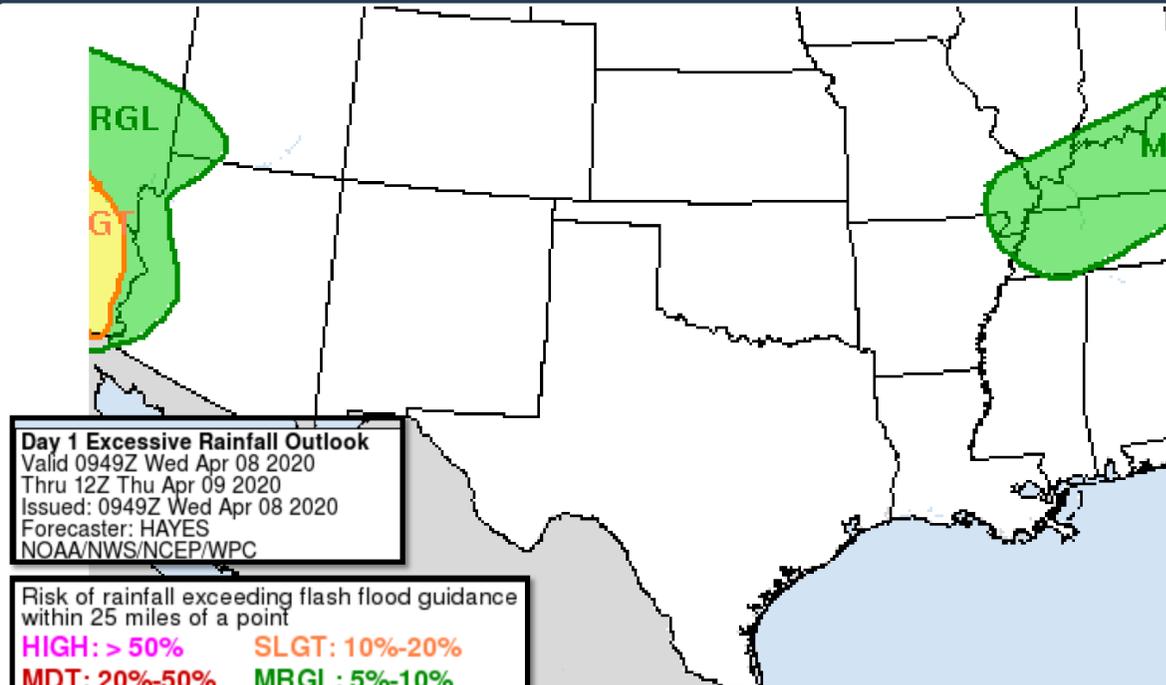
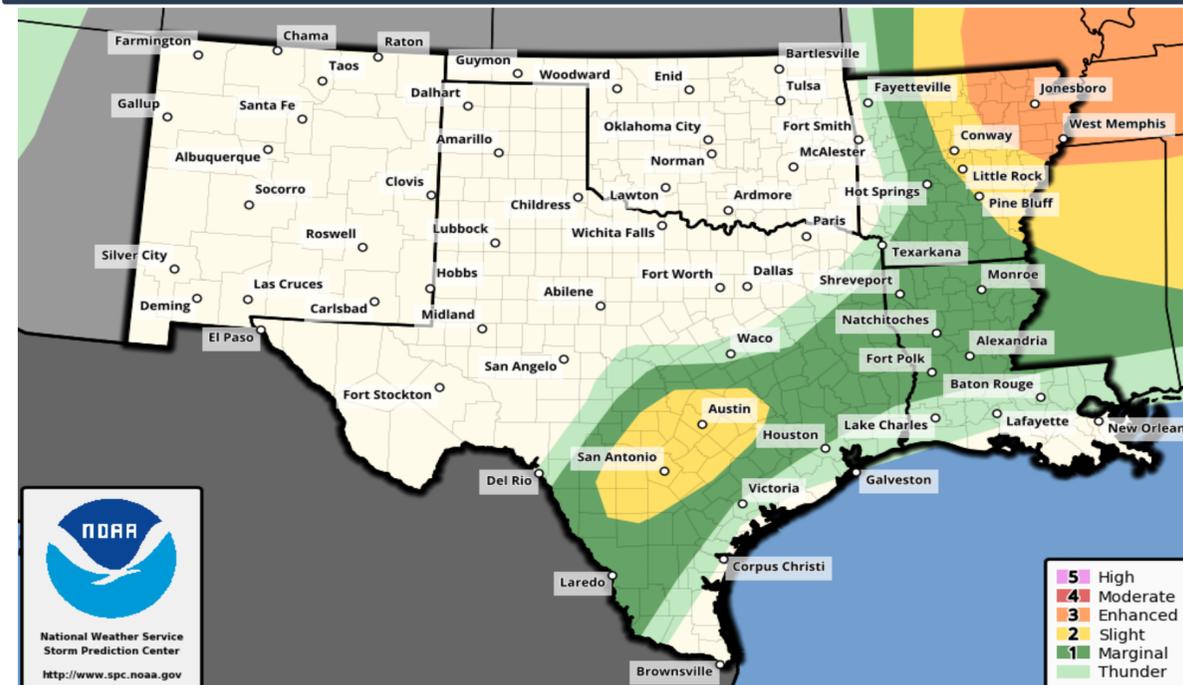
Enhance risk area for severe thunderstorms across NE AR

Slight risk area for severe thunderstorms across Central TX. (2+ inch hail/damaging wind).

Marginal risk area for strong/severe thunderstorms across TX into N LA/S AR.

Severe Weather Outlook

Excessive Rainfall Outlook



Day 1 Excessive Rainfall Outlook
Valid 0949Z Wed Apr 08 2020
Thru 12Z Thu Apr 09 2020
Issued: 0949Z Wed Apr 08 2020
Forecaster: HAYES
NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Tomorrow's Weather

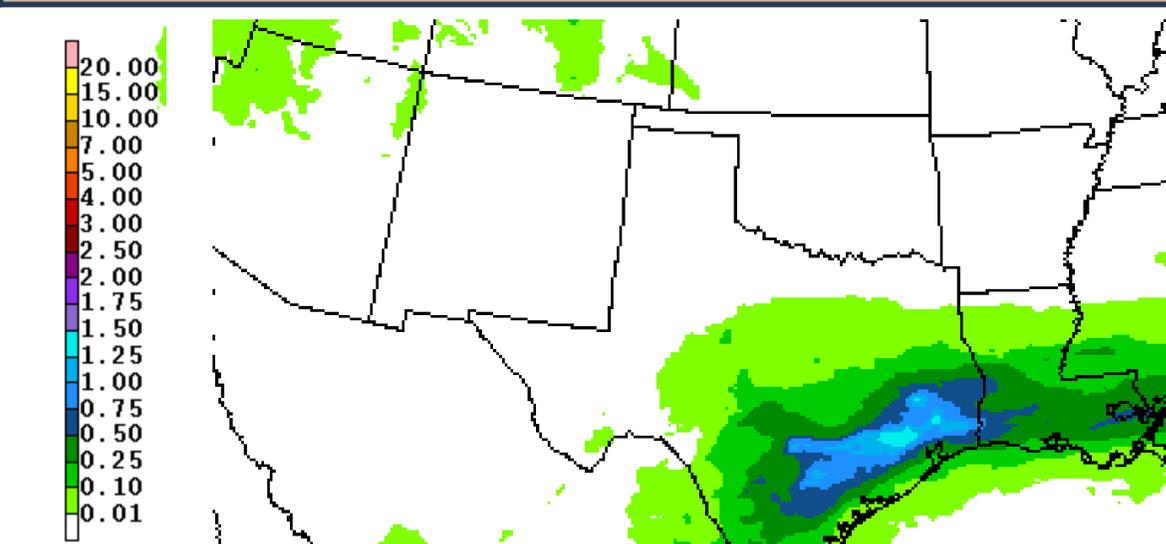
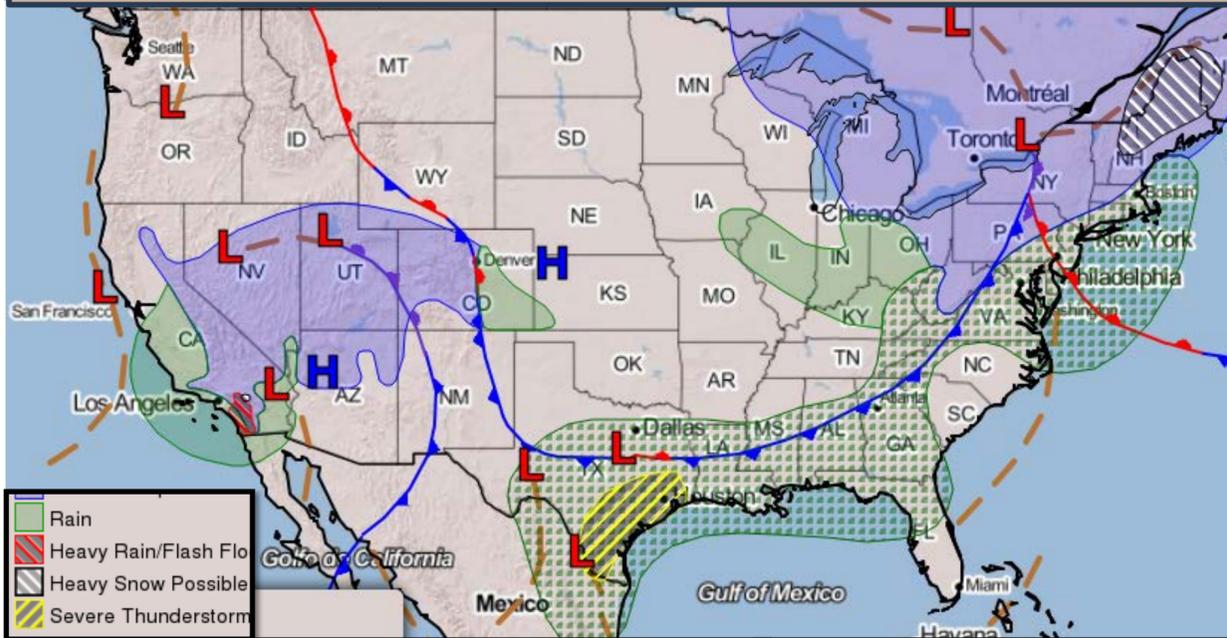


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Forecast Chart

Forecast Rainfall

Slight risk area for severe thunderstorms across TX.

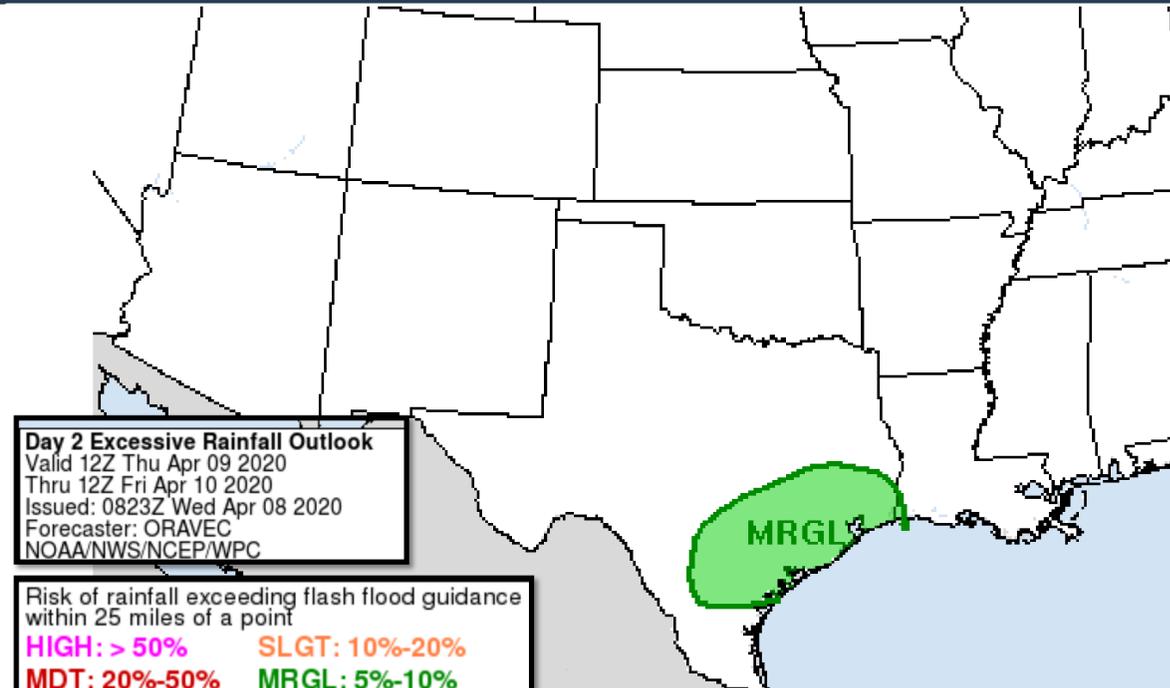
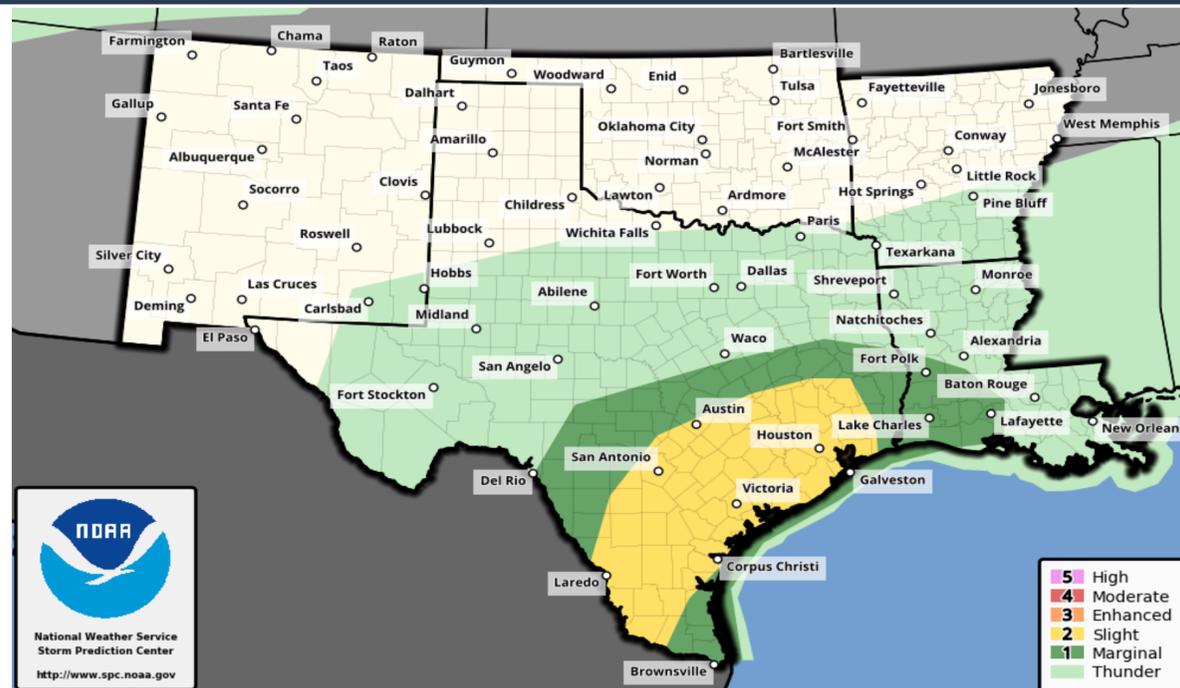


24-HR DAY 2 OPF
VALID 12Z THU APR 09 2020
THRU 12Z FRI APR 10 2020
ISSUED: 0840Z WED APR 08 2020
FORECASTER: HAYES
NOAA/NWS/NCEP/WPC

Weather Valid 8am EDT Thu Apr 09 2020 to 8am EDT Fri Apr 10 2020
Fronts Valid 8am EDT Thu Apr 09 2020
Issued 4:36 AM EDT Wed, Apr 08, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Snell with WPC/SPC/NHC forecasts.

Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Thu Apr 09 2020
Thru 12Z Fri Apr 10 2020
Issued: 0823Z Wed Apr 08 2020
Forecaster: ORAVEC
NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**



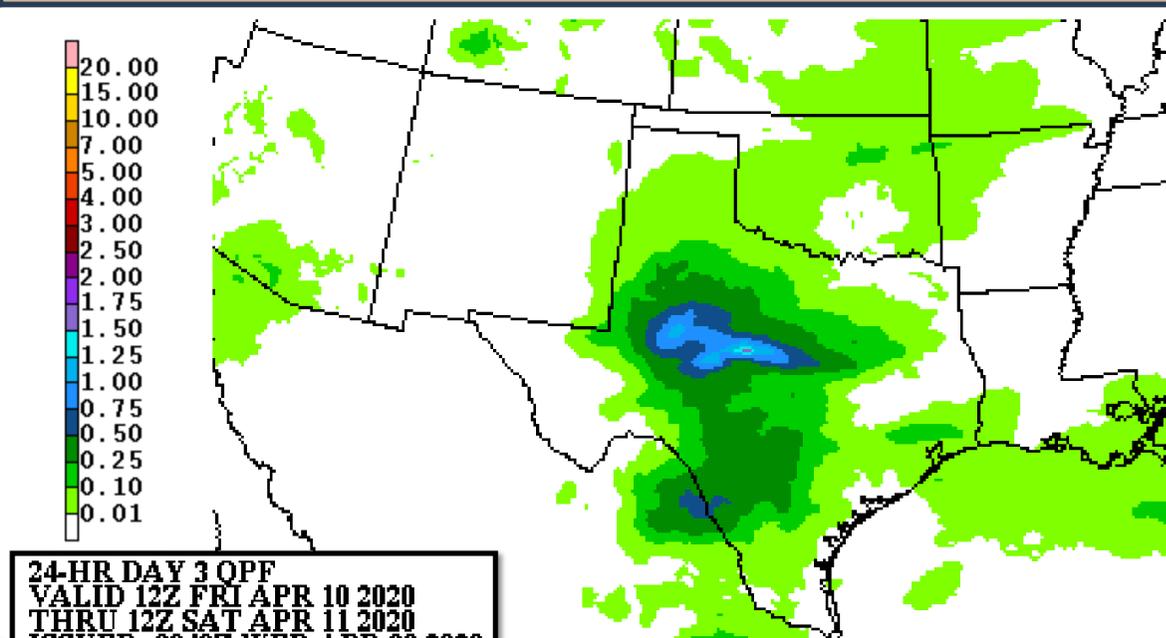
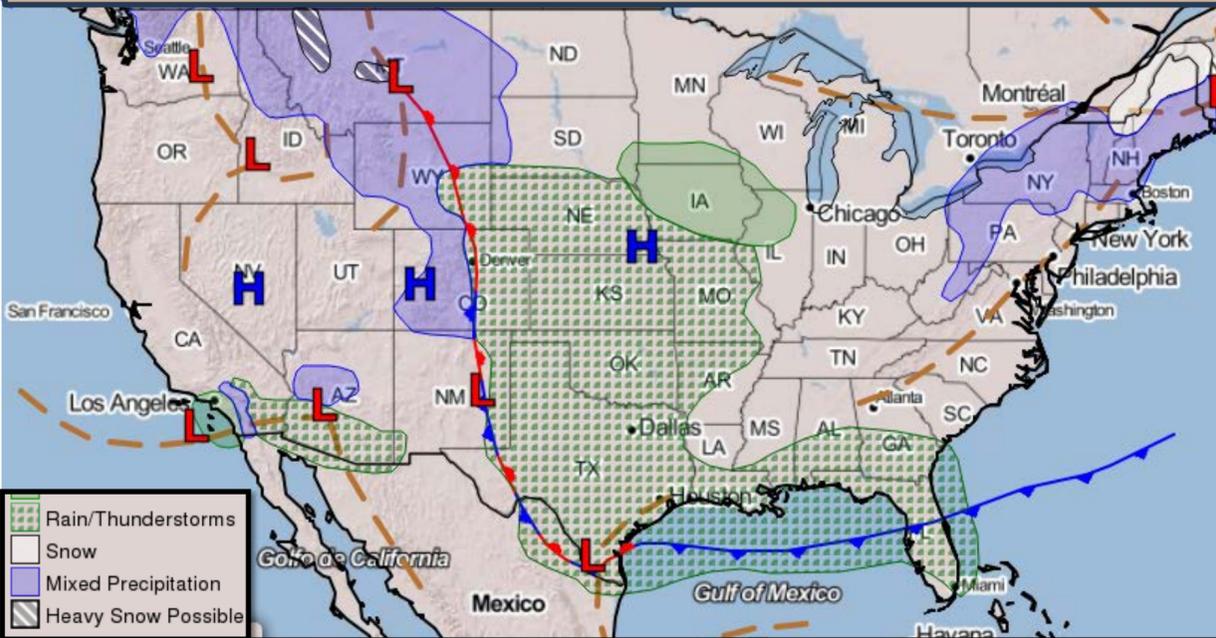
Friday's Weather



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Forecast Chart

Forecast Rainfall



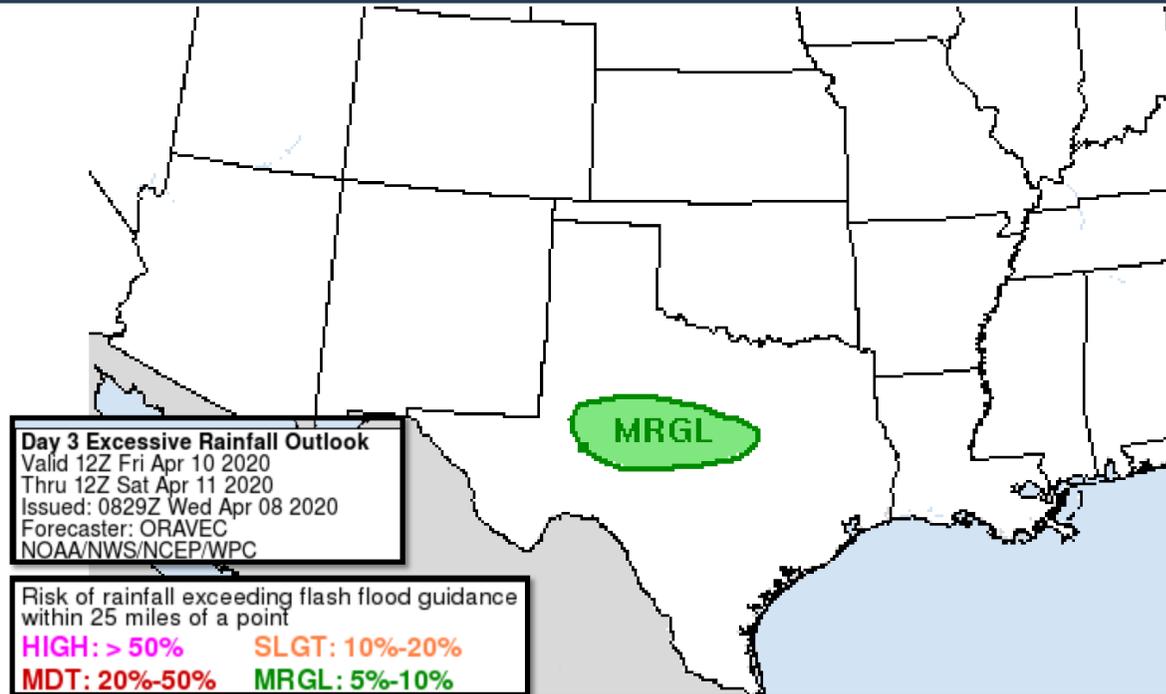
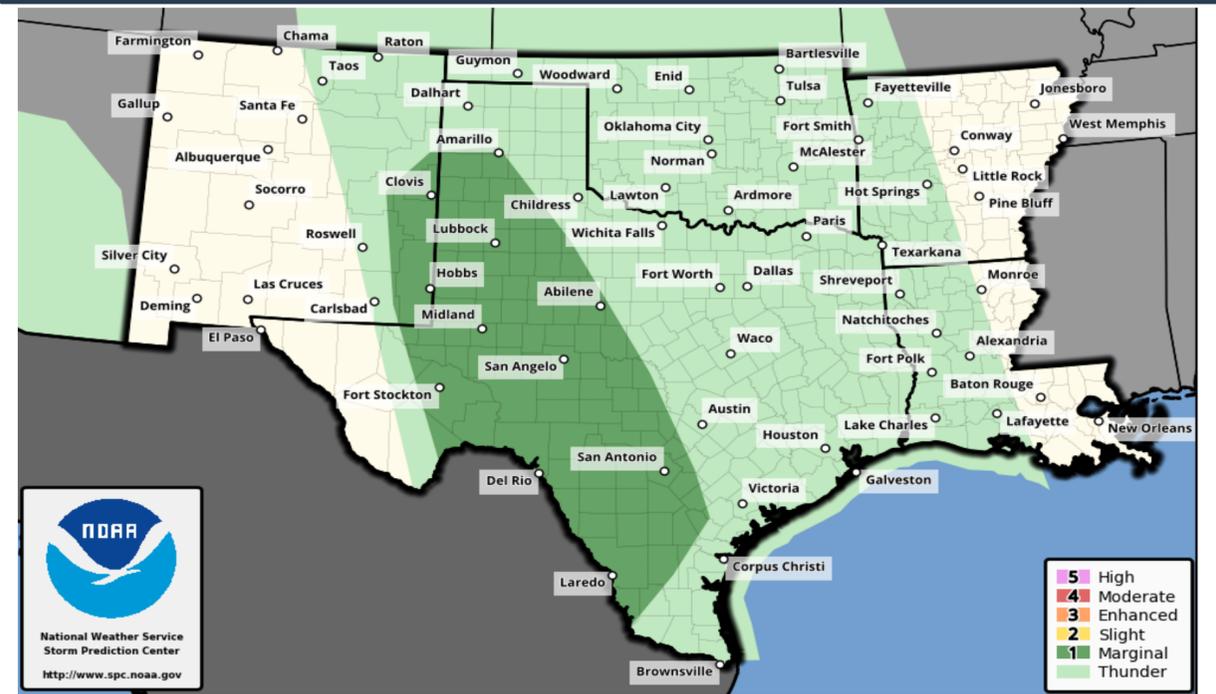
Marginal risk area for strong/severe thunderstorms across W TX.

Weather Valid 8am EDT Fri Apr 10 2020 to 8am EDT Sat Apr 11 2020
Fronts Valid 8am EDT Fri Apr 10 2020
Issued 4:40 AM EDT Wed, Apr 08, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mullinax with WPC/SPC/NHC forecasts.

24-HR DAY 3 QPF
VALID 12Z FRI APR 10 2020
THRU 12Z SAT APR 11 2020
ISSUED: 0840Z WED APR 08 2020
FORECASTER: HAYES
NOAA/NWS/NCEP/WPC

Severe Weather Outlook

Excessive Rainfall Outlook



Day 3 Excessive Rainfall Outlook
Valid 12Z Fri Apr 10 2020
Thru 12Z Sat Apr 11 2020
Issued: 0829Z Wed Apr 08 2020
Forecaster: ORAVEC
NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

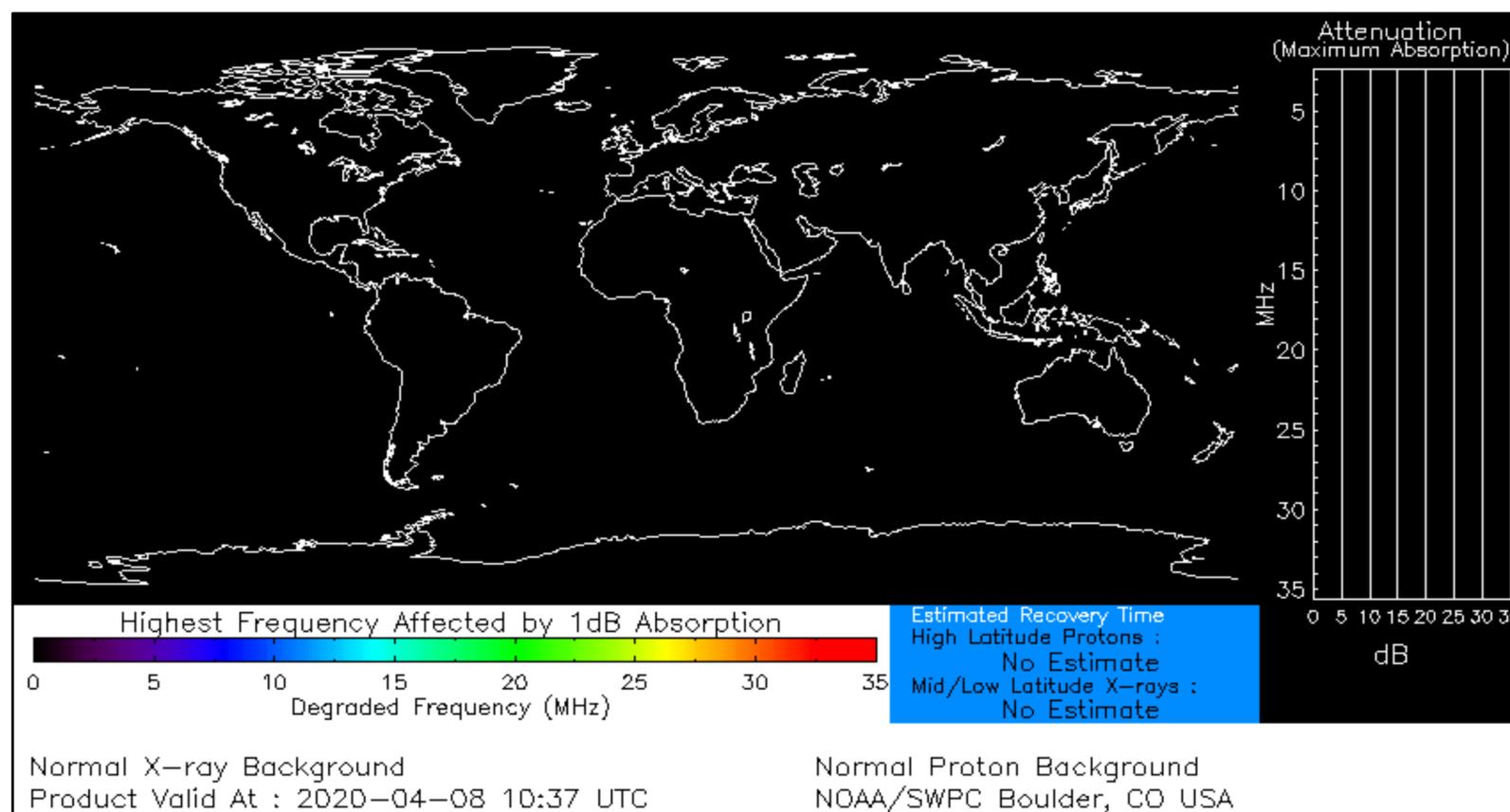


Space Weather 3-Day Forecast



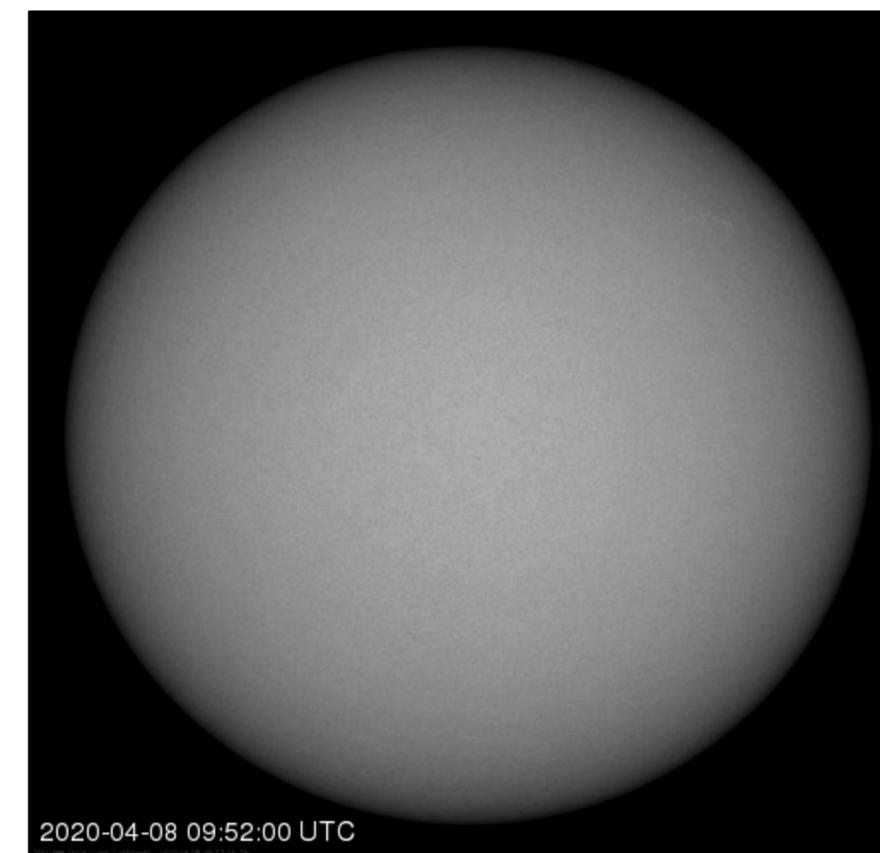
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[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>



Weather "Threat" Matrix

Color	Definition	Criteria	Example(s)
Green	<p style="text-align: center;">Very Common</p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<p>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</p>	<ul style="list-style-type: none"> 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 <u>seabreeze</u> storms in coastal TX
Yellow	<p style="text-align: center;">Somewhat Common – Happens Frequently</p> <p>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	<p>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</p>	<ul style="list-style-type: none"> 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	<p style="text-align: center;">Uncommon – A Few Times a Year</p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<p>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</p>	<ul style="list-style-type: none"> 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	<p style="text-align: center;">Rare – Once every 1-5 Years</p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life</p>	<p>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</p>	<ul style="list-style-type: none"> 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	<p style="text-align: center;">Very Rare – Once Every 5-10 Years</p> <p>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</p>	<p>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</p>	<ul style="list-style-type: none"> 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.