



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Tuesday June 23, 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.



- **Slight risk of severe storms across E NM. Large hail and damaging winds are the primary threats.**
- **Isolated heavy rainfall/flash flooding possible over SE TX.**
- **Isolated strong/severe storms with heavy rain/flash flooding possible on Wednesday across S & SE TX and S LA.**

FEMA Region 6 Threat Matrix



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Jun 23, 2020 - Jun 27, 2020

| DAY / THREAT | Tue | Wed | Thu | Fri | Sat |
|-----------------------------|------------------------------|------------------------|-------------------|-------------------|-----|
| Severe Storms | E NM | Upper TX Coast, S LA | | | |
| | TX, LA, SAR | | | | |
| Heavy Rain / Flash Flooding | SETX | SETX | STX | | |
| | ETX, SAR, LA | | | | |
| Fire Weather | | | | | |
| Tropical Winds / Surge | | | | | |
| Winter Weather | | | | | |
| River Flooding | S OK, NTX, AR, MS River (LA) | NTX, AR, MS River (LA) | AR, MS River (LA) | AR, MS River (LA) | AR |

| | |
|--|-----------------------------------|
| | 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.

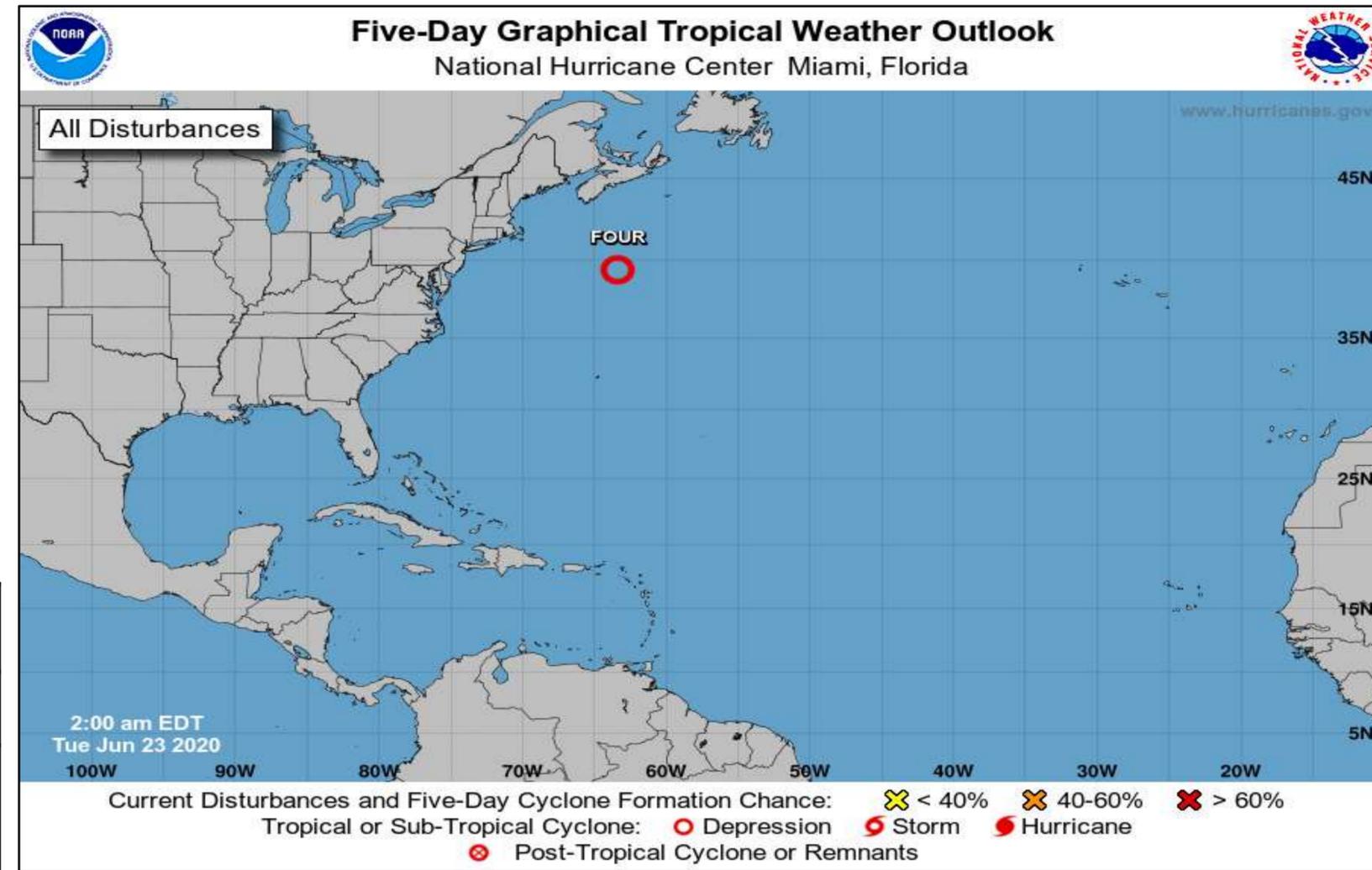


Areas of Possible Development

| Area | Chance of Development | Potential Impacts to FEMA 6 |
|------|-----------------------|-----------------------------|
| - | - | |

Active Tropical Cyclones

| Storm | Potential Impacts to FEMA 6 |
|--------------------------|-----------------------------|
| Subtropical Depression 4 | None. |

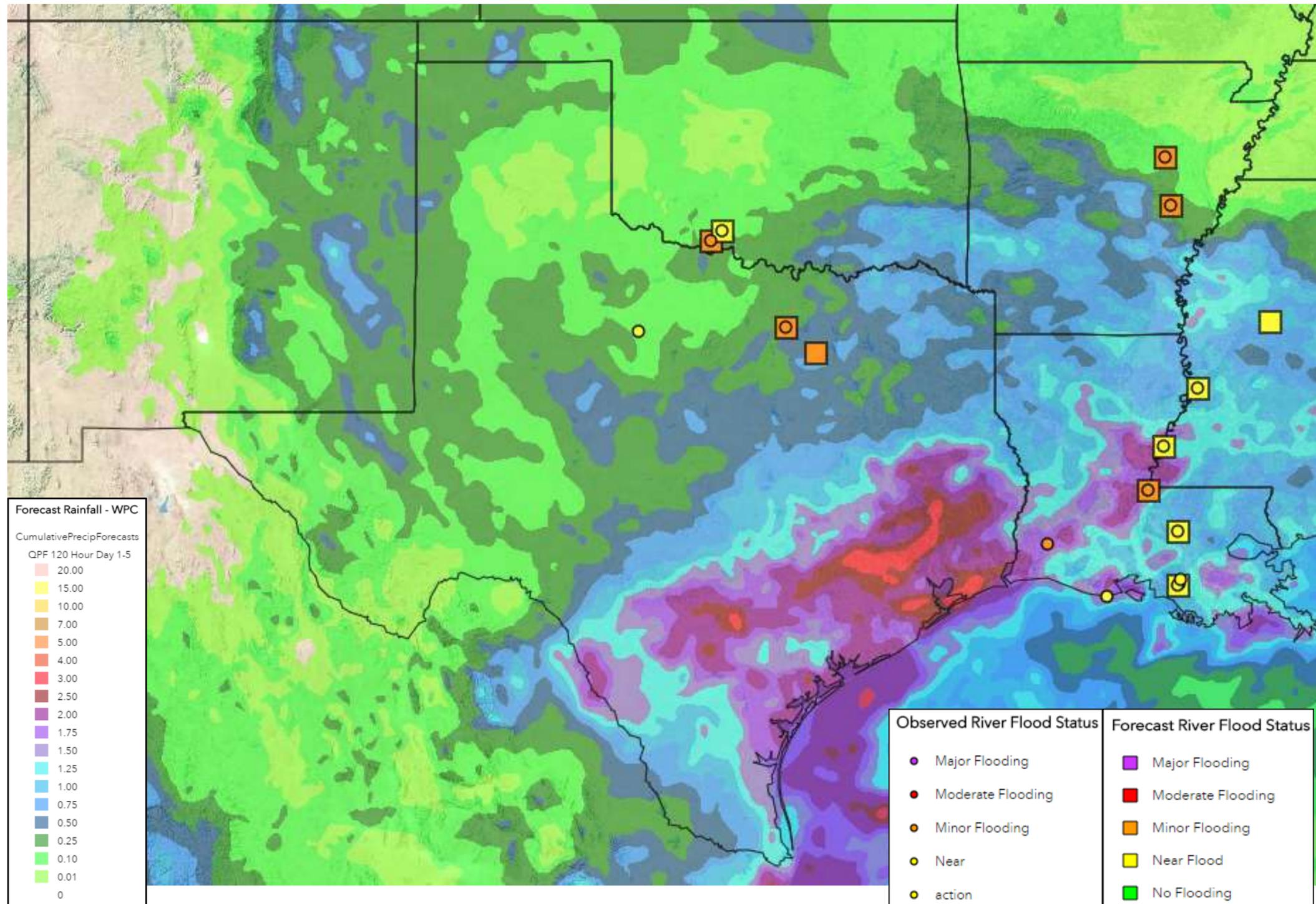


5-Day Precipitation Forecast & River Flood Status



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



Portions of the White River in E AR remain in minor flood stage through the weekend with impacts primarily to farmland.

A few locations in S OK / NTX have risen or are expected to rise into minor flood stage today after heavy rainfall early this morning. Impacts are mostly to agriculture.

The Lower MS River continues in minor flood stage through the end of the week.

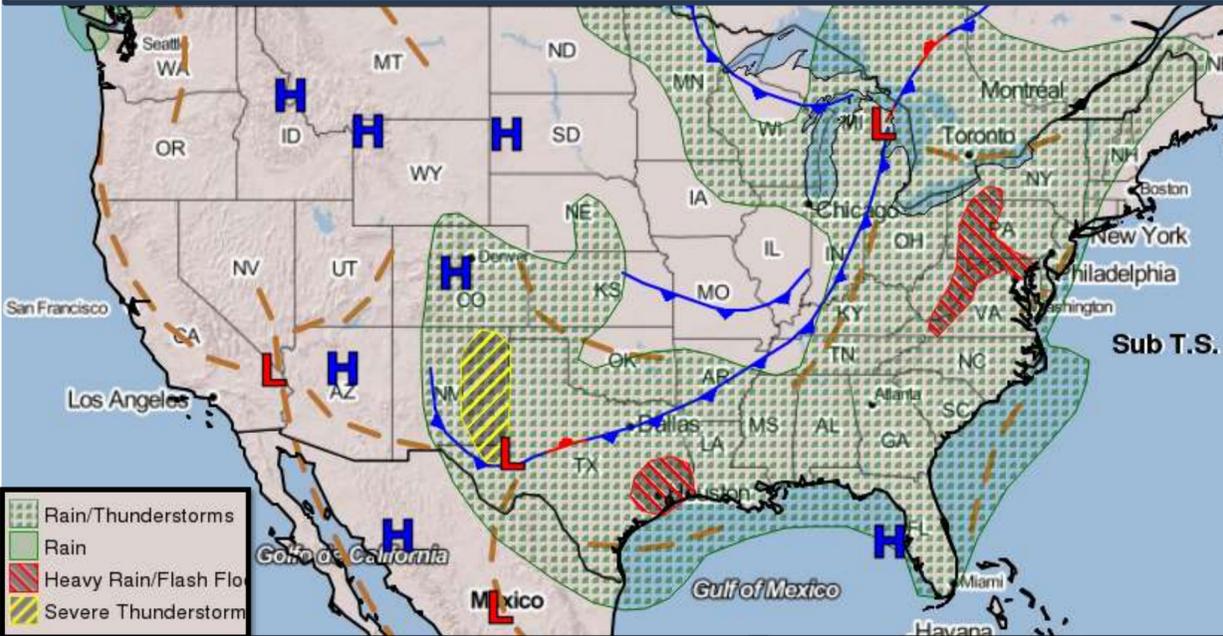
Today's Weather



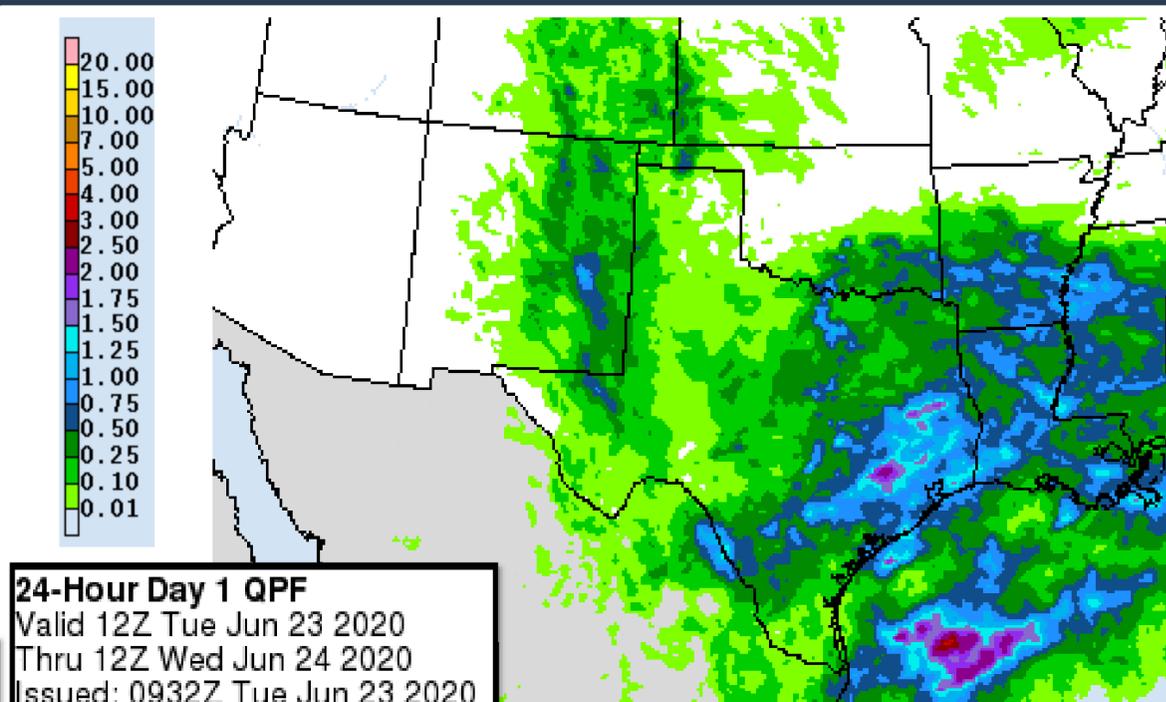
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Forecast Chart

Forecast Rainfall



Weather Valid 8am EDT Tue Jun 23 2020 to 8am EDT Wed Jun 24 2020
Fronts Valid 8am EDT Tue Jun 23 2020
Issued 3:47 AM EDT Tue, Jun 23, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Santorelli with WPC/SPC/NHC forecasts.



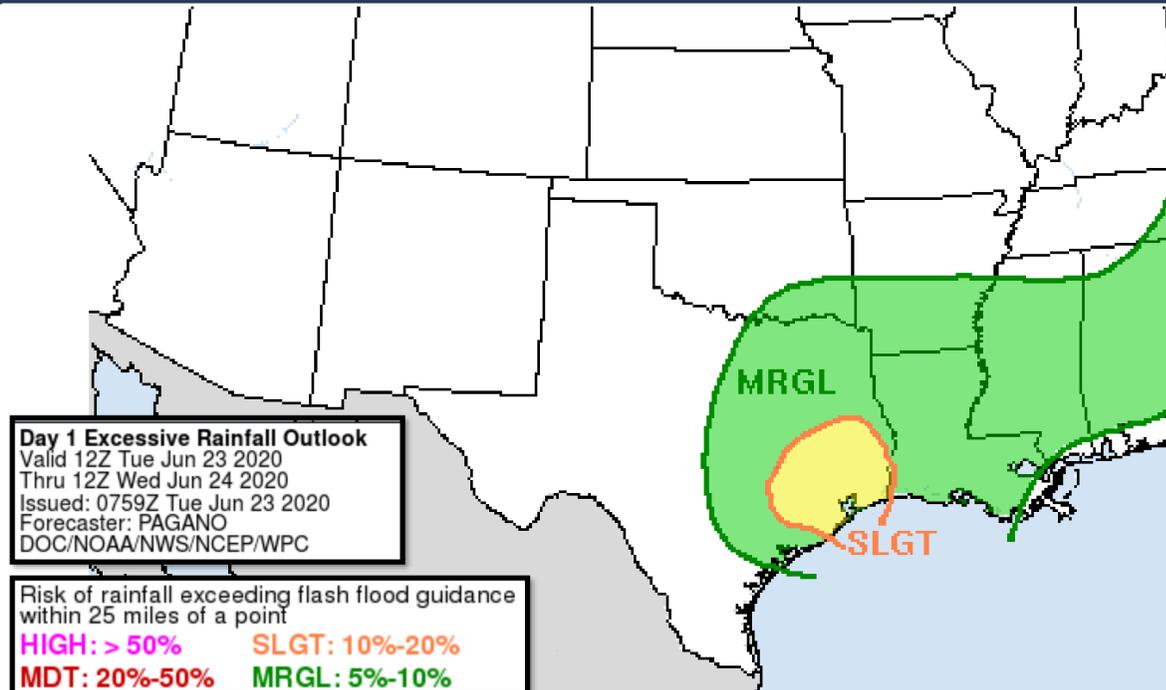
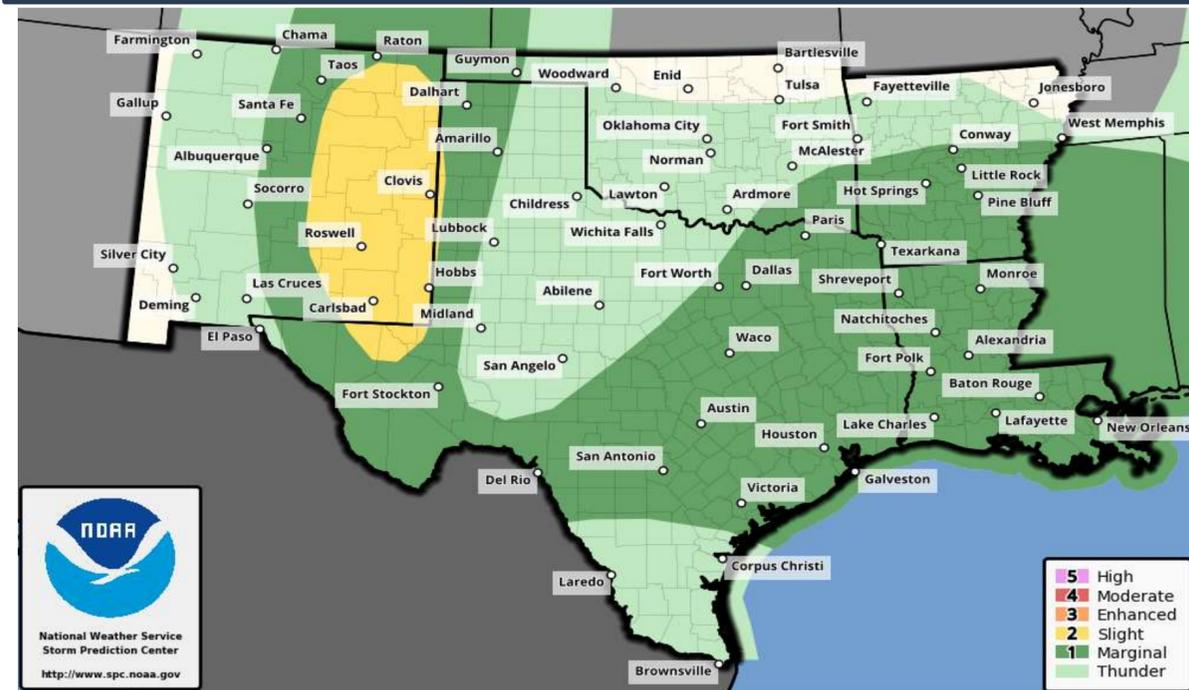
24-Hour Day 1 QPF
Valid 12Z Tue Jun 23 2020
Thru 12Z Wed Jun 24 2020
Issued: 0932Z Tue Jun 23 2020

Slight risk of severe storms across E NM. Large hail and damaging winds are the primary threats.

Isolated heavy rainfall/flash flooding possible over SE TX.

Severe Weather Outlook

Excessive Rainfall Outlook



Day 1 Excessive Rainfall Outlook
Valid 12Z Tue Jun 23 2020
Thru 12Z Wed Jun 24 2020
Issued: 0759Z Tue Jun 23 2020
Forecaster: PAGANO
DOC/NOAA/NWS/NCEP/WPC

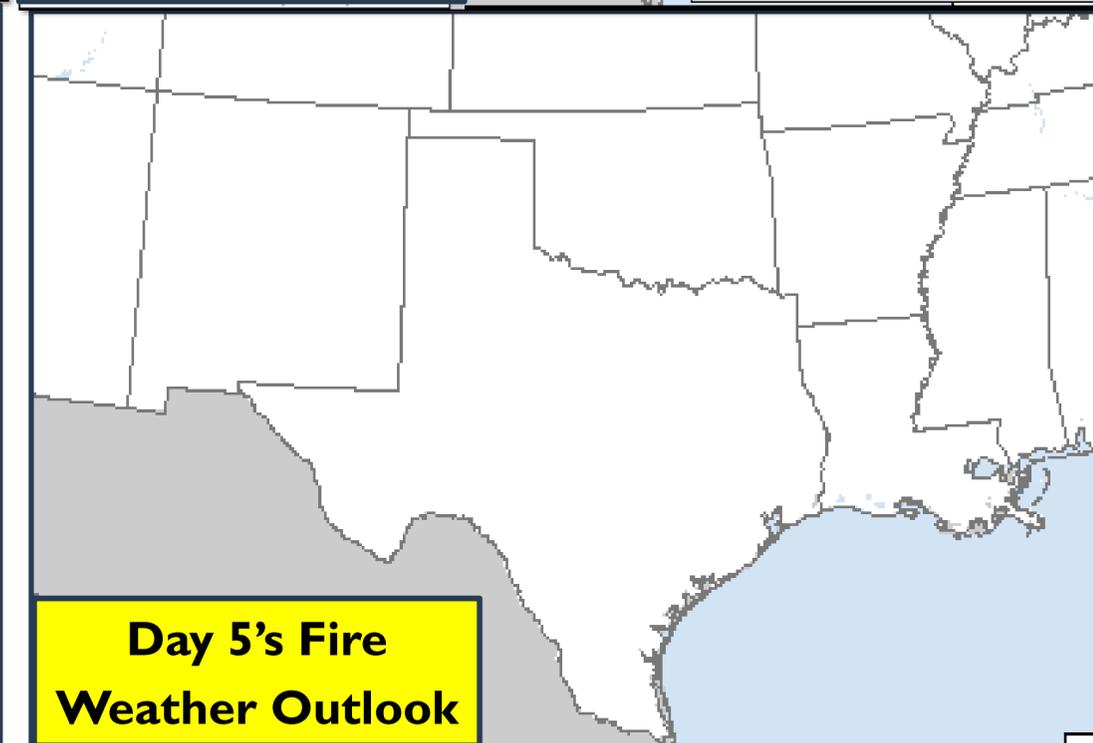
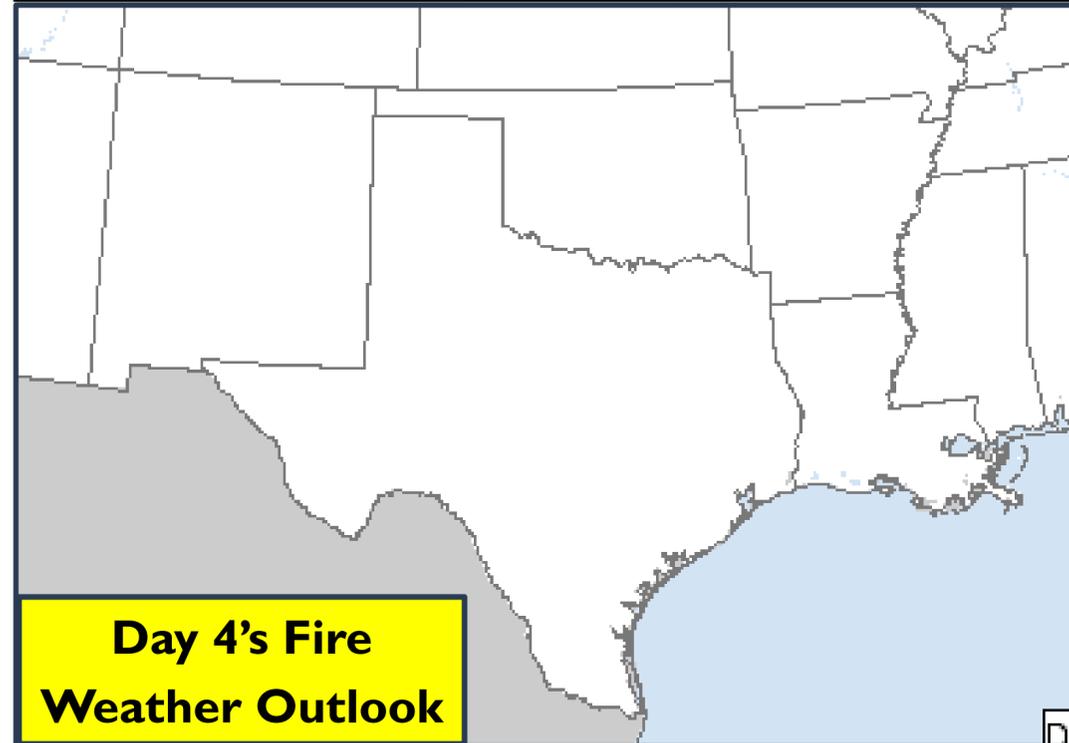
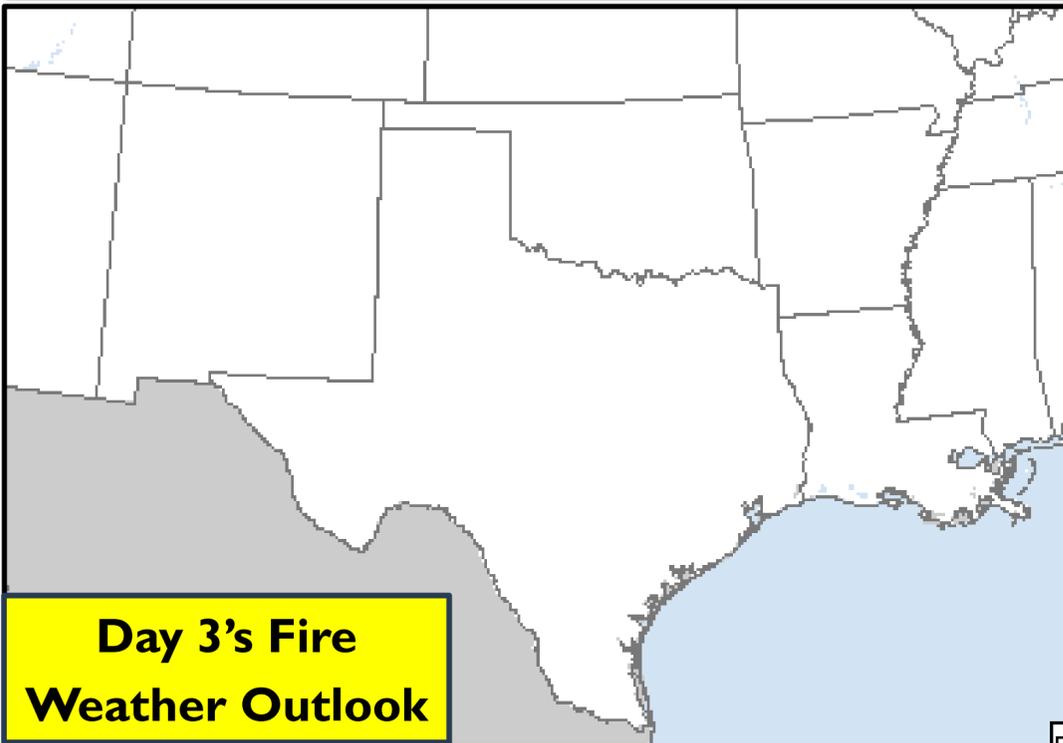
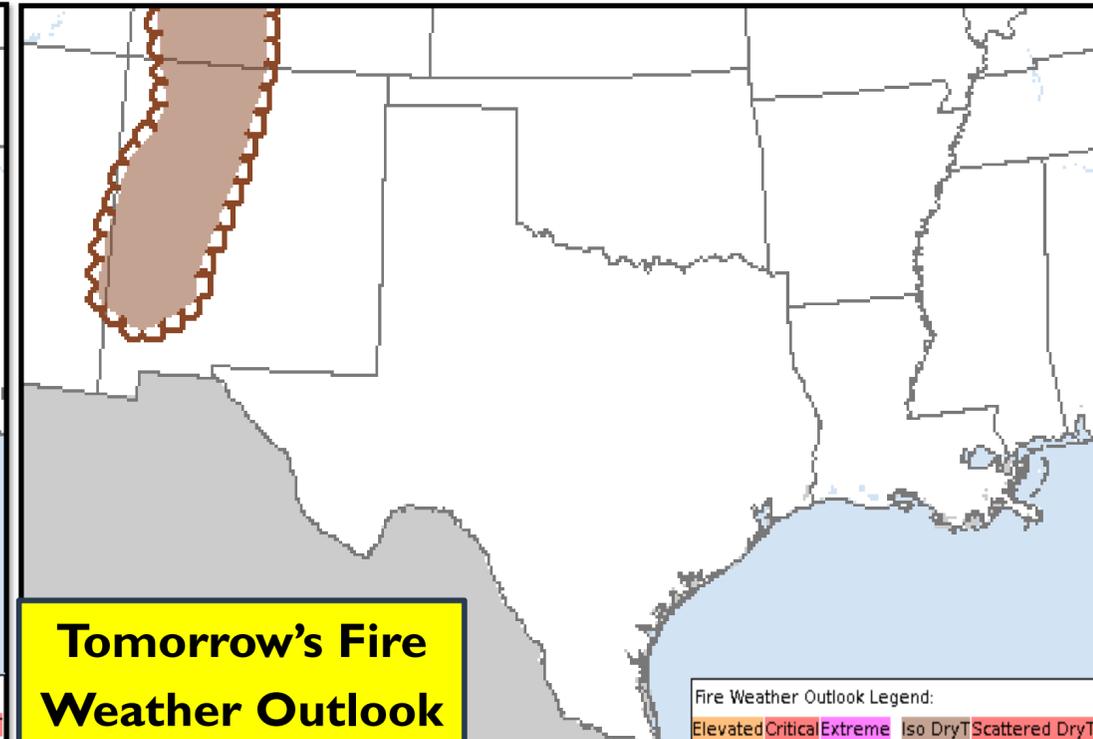
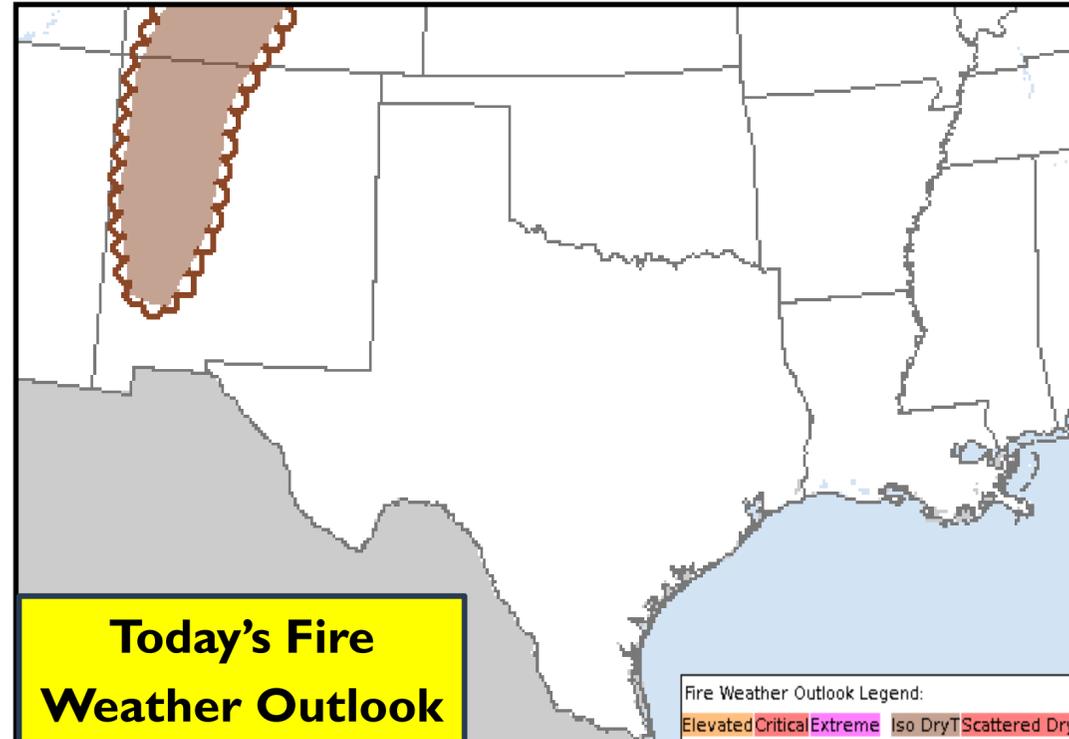
Risk of rainfall exceeding flash flood guidance within 25 miles of a point

HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Fire Weather Outlooks



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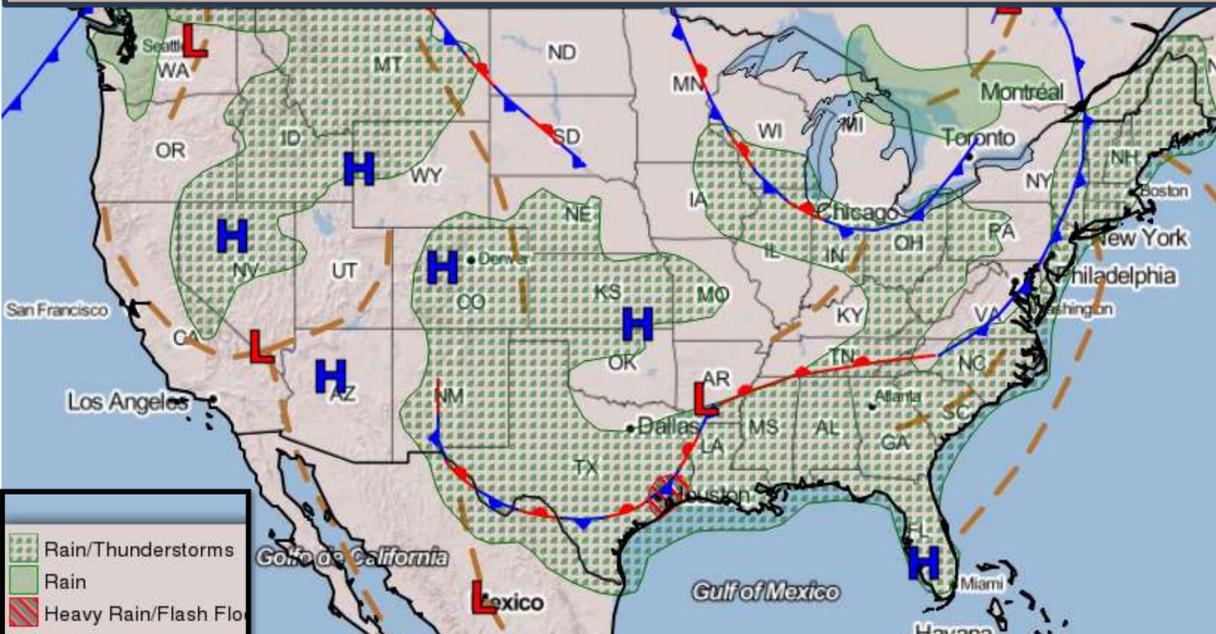
Tomorrow's Weather



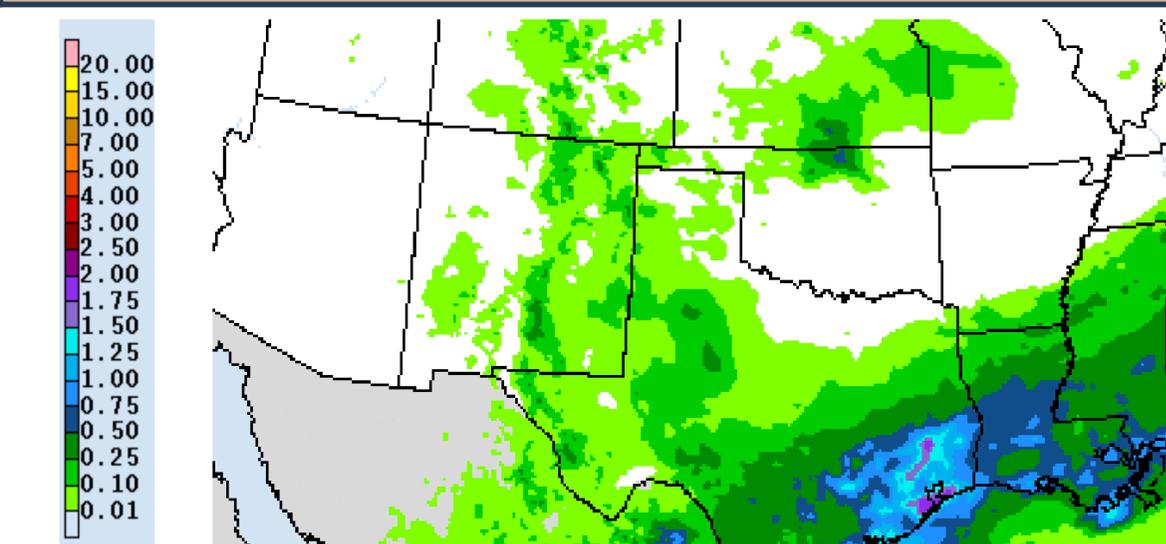
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Forecast Chart

Forecast Rainfall



Weather Valid 8am EDT Wed Jun 24 2020 to 8am EDT Thu Jun 25 2020
 Fronts Valid 8am EDT Wed Jun 24 2020
 Issued 4:56 AM EDT Tue, Jun 23, 2020
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Kebede with WPC/SPC/NHC forecasts.



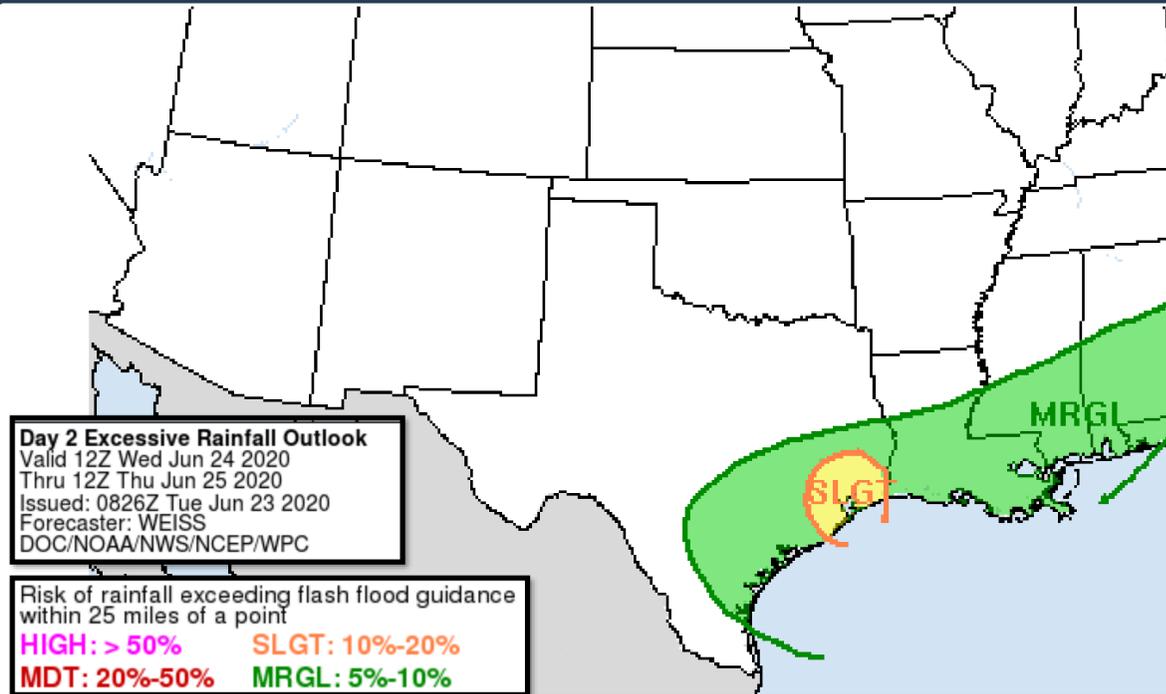
24-Hour Day 2 QPF
 Valid 12Z Wed Jun 24 2020
 Thru 12Z Thu Jun 25 2020
 Issued: 0829Z Tue Jun 23 2020

Strong to severe storms possible along the Upper TX Coast and S LA; damaging winds are the main threat, an isolated tornado possible.

Heavy rain/flash flooding possible in/around the Houston area.

Severe Weather Outlook

Excessive Rainfall Outlook



Thursday's Weather

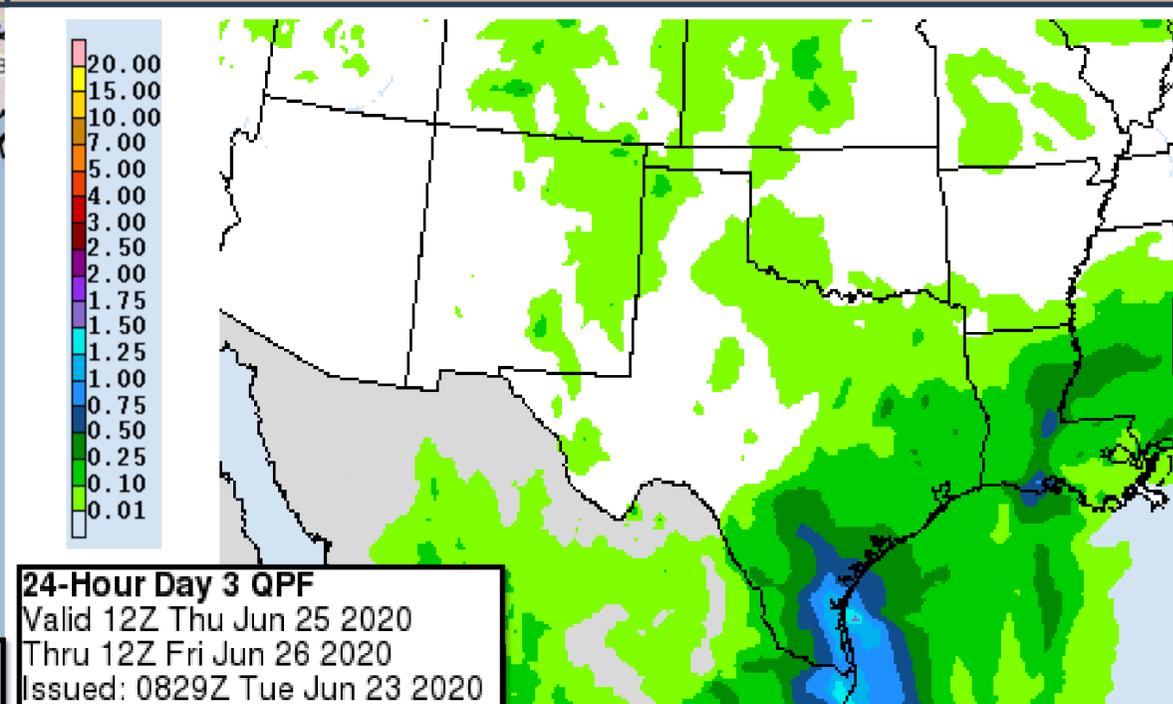
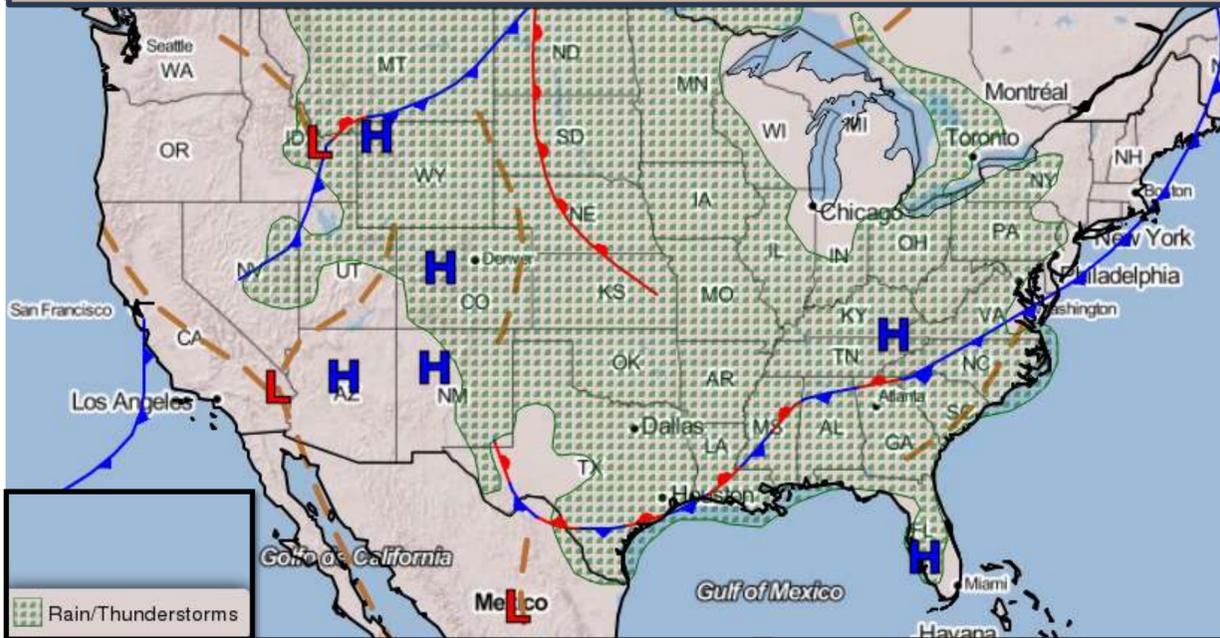


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Forecast Chart

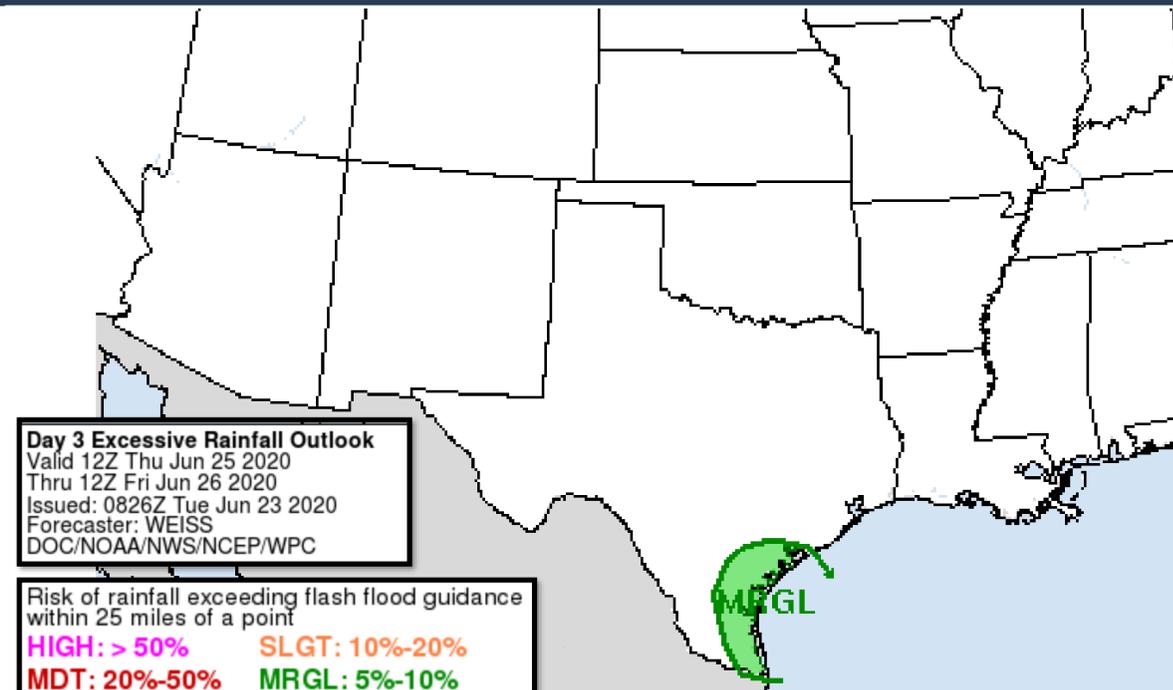
Forecast Rainfall

Isolated heavy rain possible over STX.



Severe Weather Outlook

Excessive Rainfall Outlook



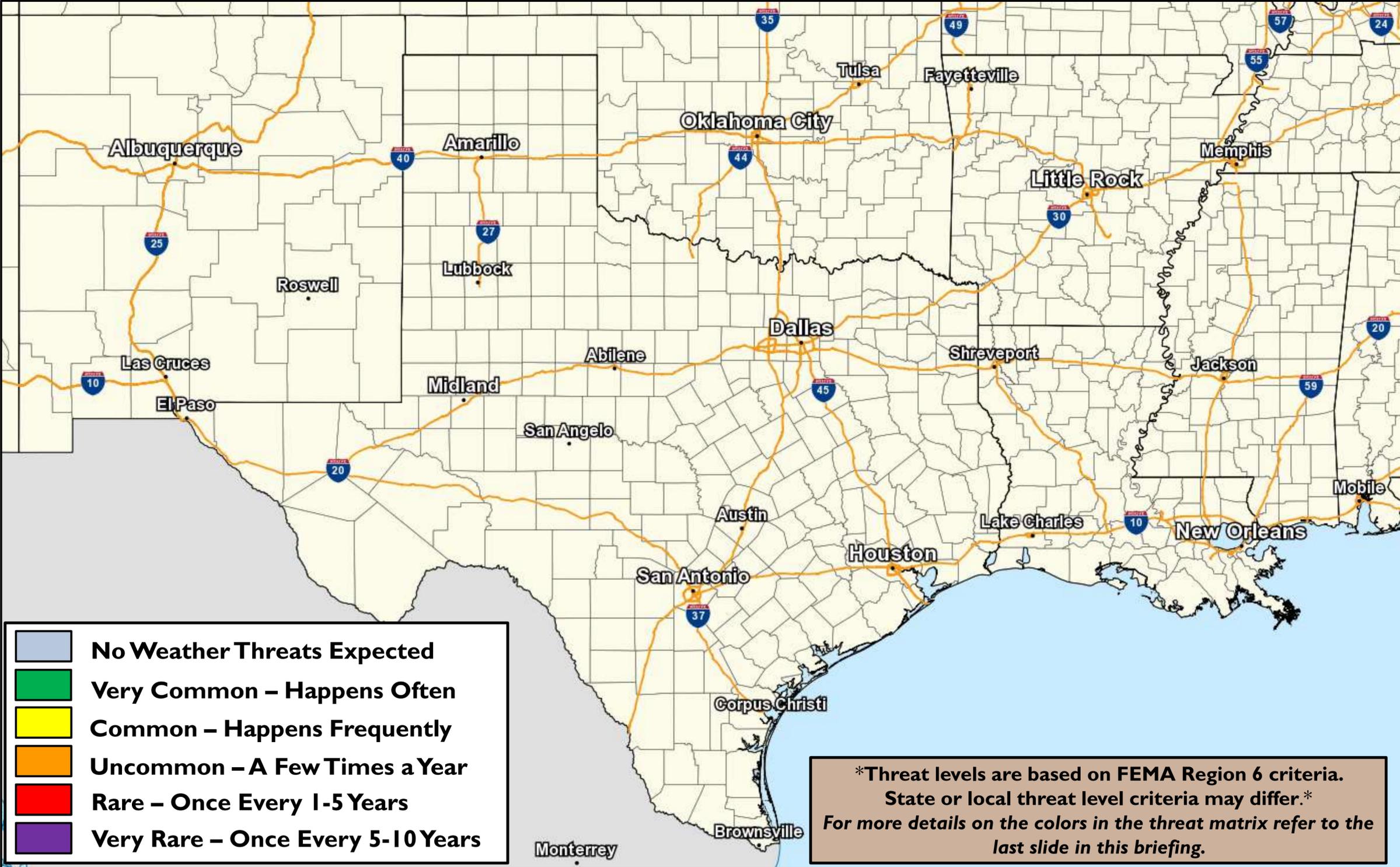
Days 4-5 Weather Hazards

Friday - Saturday



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No significant weather expected.

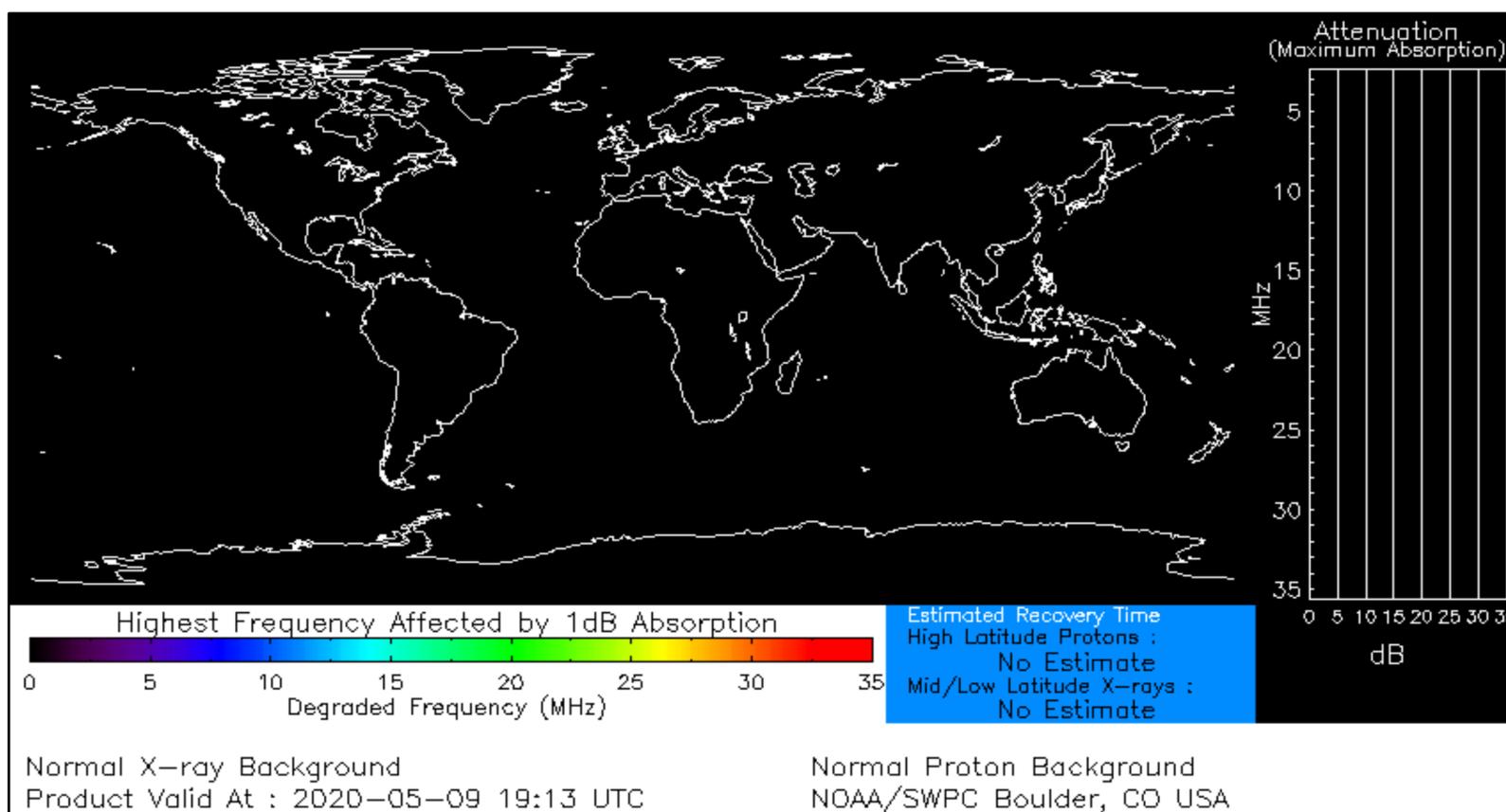


Space Weather 3-Day Forecast



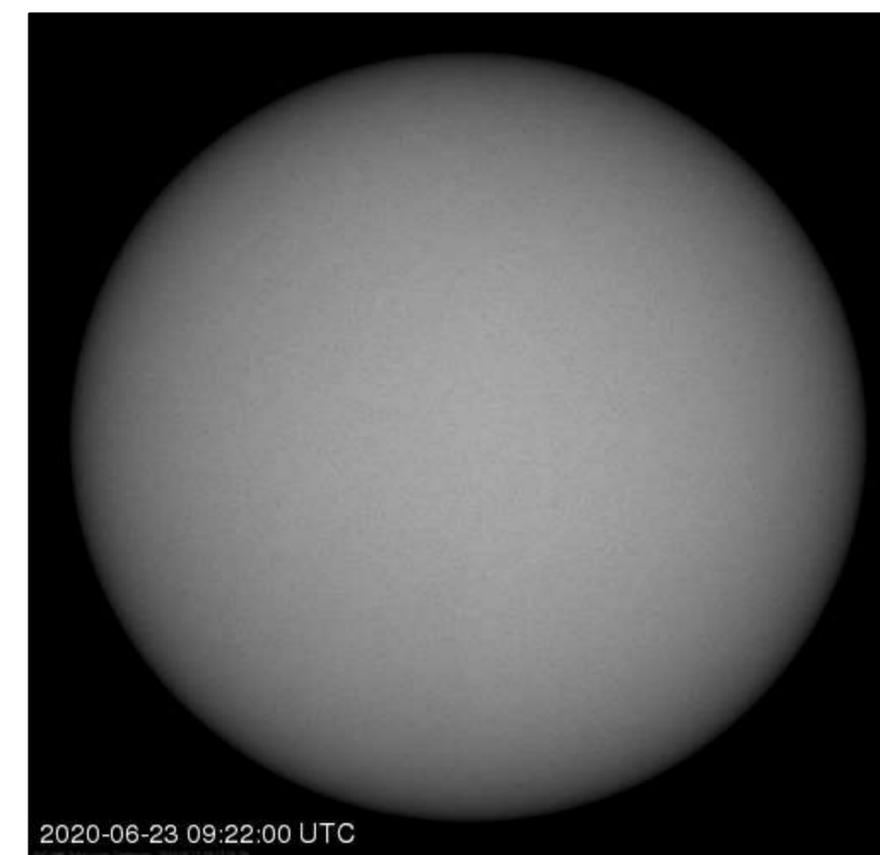
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| | Tuesday | Wednesday | Thursday |
|--------------------------------------|-----------------------|-----------------------|-----------------------|
| Geomagnetic Storms | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) | Quiet (Max Kp = 2) |
| Solar Radiation 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>



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.