



FEMA



Prepared by
Kurt Van Speybroeck

FEMA Region 6 Weather Threat Briefing

Friday June 5, 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



- **Severe storms with damaging winds today for AR/N LA.**
- **Tropical Depression Cristobal is over southern Mexico and is nearly stationary and should emerge in the Gulf tonight.**
 - **Heavy rainfall/flash flooding for LA Saturday through Monday and AR and E TX/OK on Monday into Tuesday.**
 - **Tropical storm force winds could begin as early as Sunday morning for LA and the Upper TX Coast.**

FEMA Region 6 Threat Matrix



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Jun 5, 2020 - Jun 9, 2020

DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms	AR/N LA		SE LA		
Heavy Rain / Flash Flooding		SE LA	S LA	LA/AR/ETX	AR
Fire Weather		NM	NM	NE NM TX/OK Panhandles	
Tropical Weather			LA/TX	LA/TX	
Winter Weather					
River Flooding	AR/LA	AR/LA	AR/LA	AR/LA	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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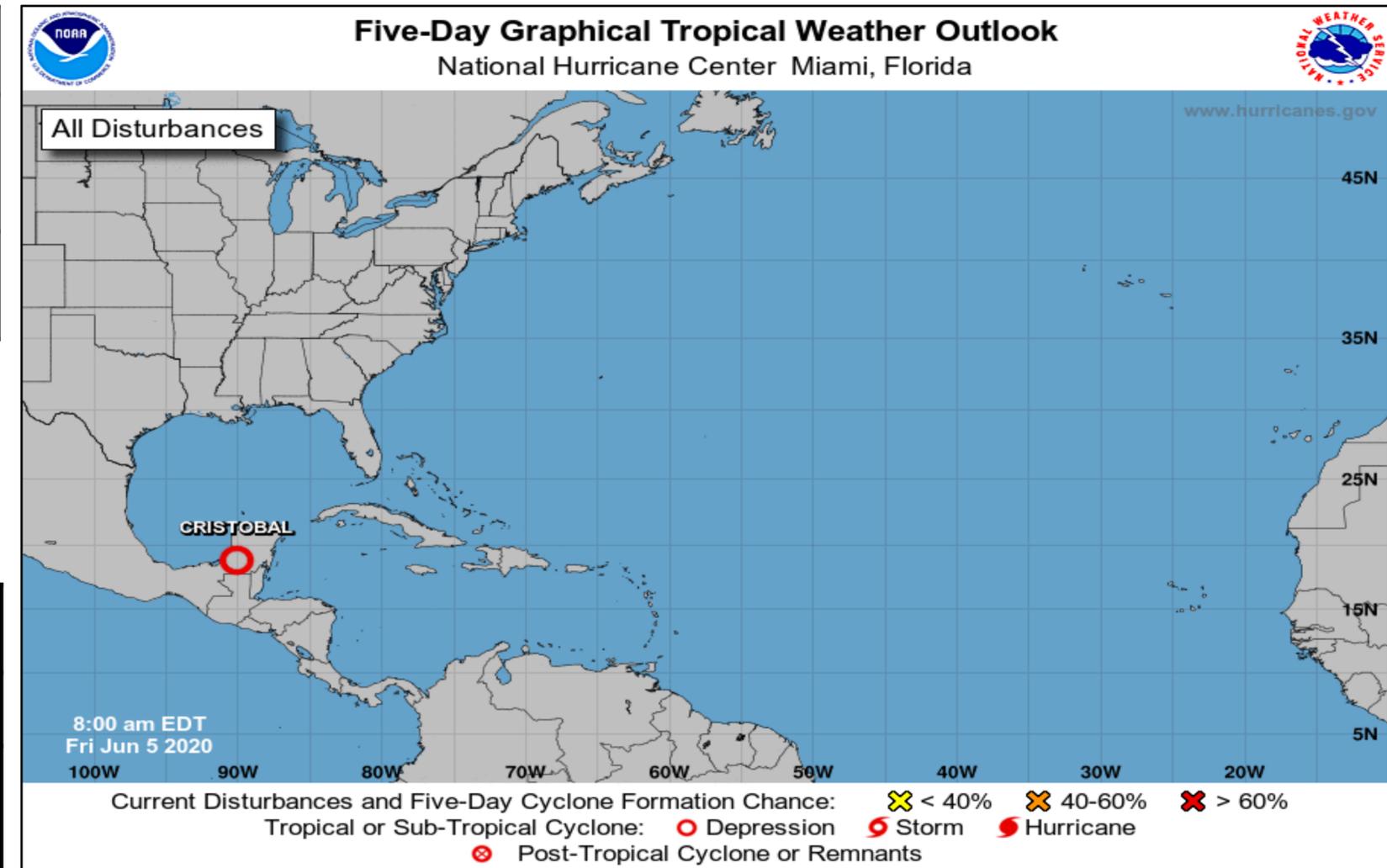
See next slide for more information

Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
-		

Active Tropical Cyclones

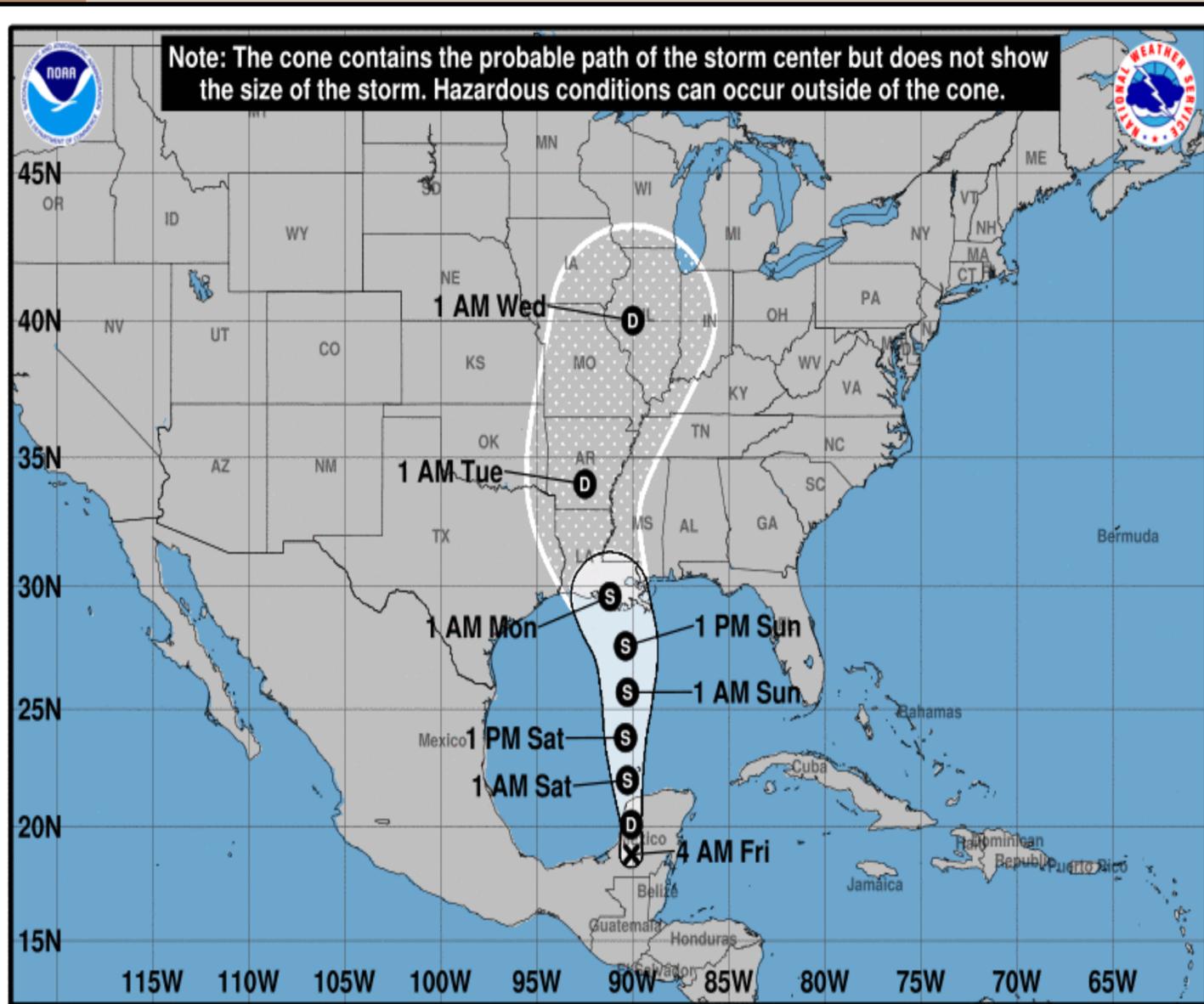
Storm	Potential Impacts to FEMA 6
Cristobal	Heavy rainfall/flash flooding for LA Saturday through Monday. Heavy rain/flash flooding for AR and ETX on Monday into Tuesday.



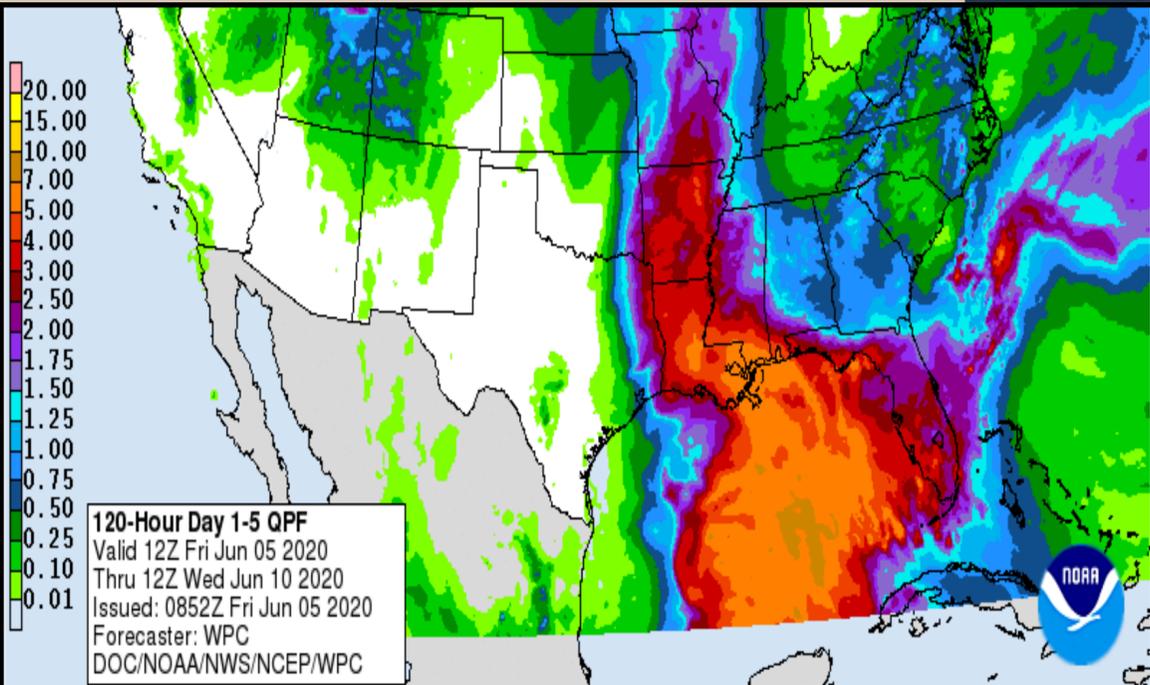
Tropical Depression Cristobal



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Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



120-Hour Day 1-5 QPF
Valid 12Z Fri Jun 05 2020
Thru 12Z Wed Jun 10 2020
Issued: 0852Z Fri Jun 05 2020
Forecaster: WPC
DOC/NOAA/NWS/NCEP/WPC

Heavy rainfall/flash flooding for LA Saturday through Monday. Heavy rain/flash flooding for AR and E TX on Monday into Tuesday.

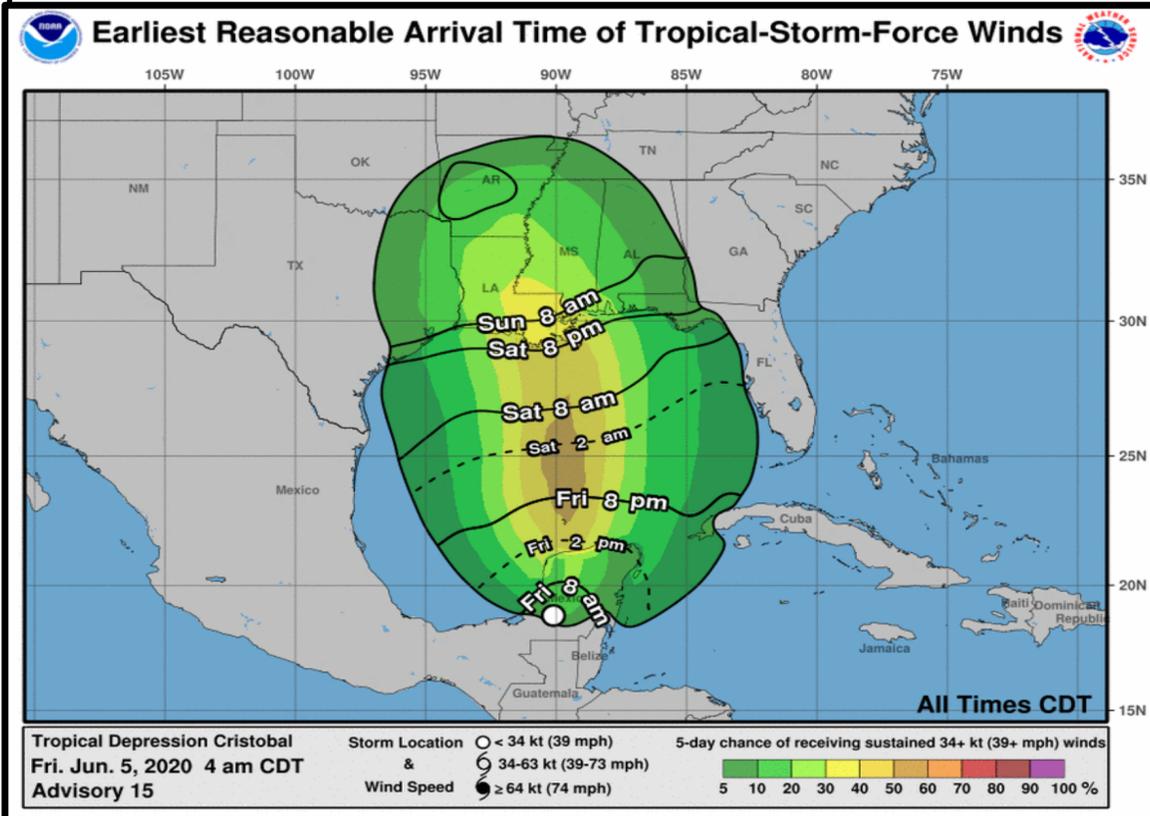
Tropical storm force winds as early as Sunday morning for the LA and Upper TX coasts.

Tropical Depression Cristobal
Friday June 05, 2020
4 AM CDT Advisory 15
NWS National Hurricane Center

Current information: x
Center location 18.8 N 90.1 W
Maximum sustained wind 35 mph
Movement NNE at 7 mph

Forecast positions:
● Tropical Cyclone ○ Post/Potential TC
Sustained winds: D < 39 mph
S 39-73 mph H 74-110 mph M > 110 mph

Potential track area: Day 1-3 (solid line), Day 4-5 (dotted line)
Watches: Hurricane (pink), Trop Stm (yellow)
Warnings: Hurricane (red), Trop Stm (blue)
Current wind extent: Hurricane (brown), Trop Stm (orange)



Tropical Depression Cristobal
Fri. Jun. 5, 2020 4 am CDT
Advisory 15

Storm Location & Wind Speed:
○ < 34 kt (39 mph)
○ 34-63 kt (39-73 mph)
● ≥ 64 kt (74 mph)

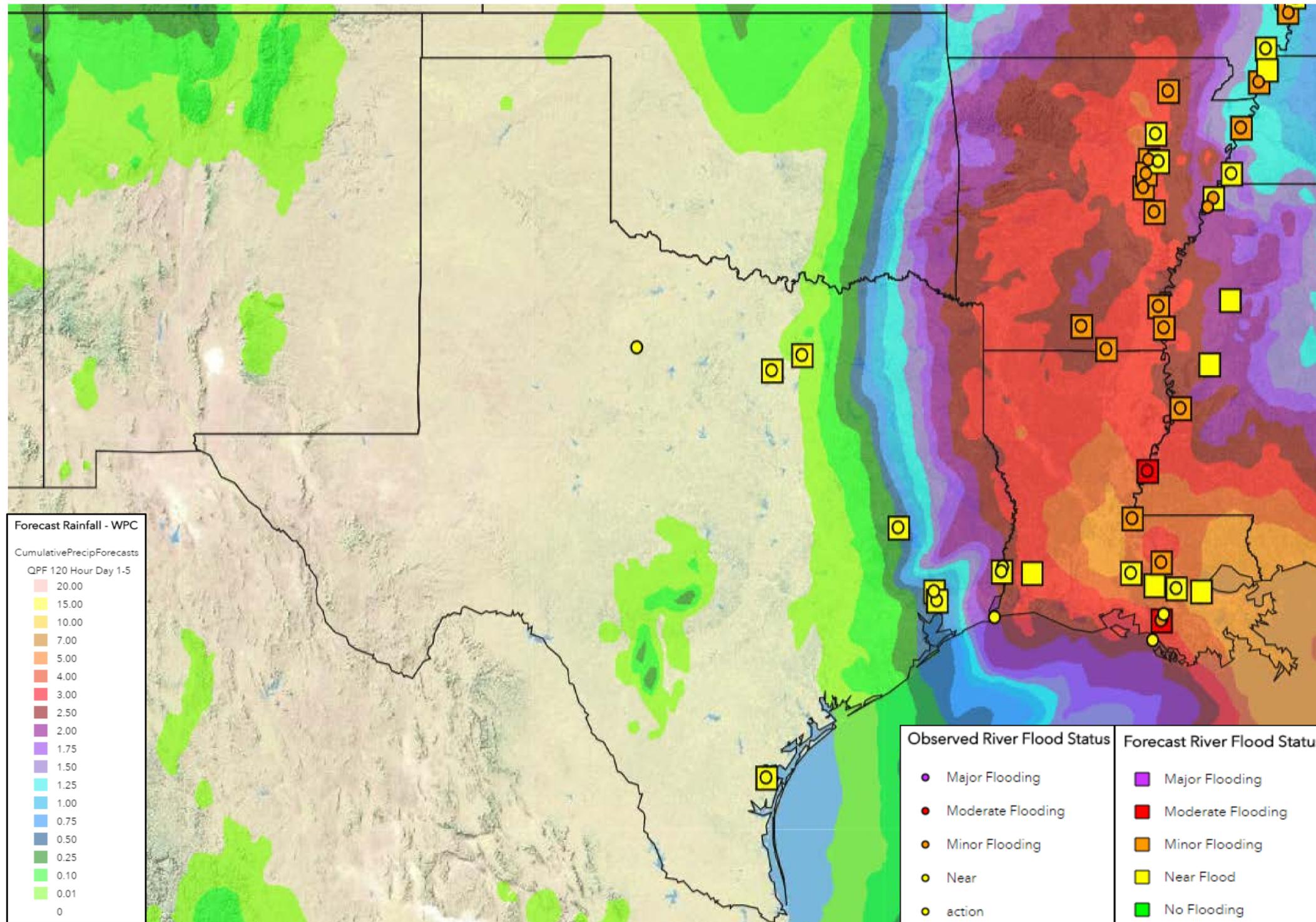
5-day chance of receiving sustained 34+ kt (39+ mph) winds:
5 10 20 30 40 50 60 70 80 90 100%

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 flooding continues across AR/LA. Impacts are primarily to agriculture and secondary roads.

The lower Mississippi River will rise over the next couple of weeks. Crests are not expected in Louisiana until mid June. Crests on the lower Mississippi River may be 4 to 7 feet lower than what occurred in April. Minor to isolated moderate flooding will continue over the next few weeks.

Today's Weather

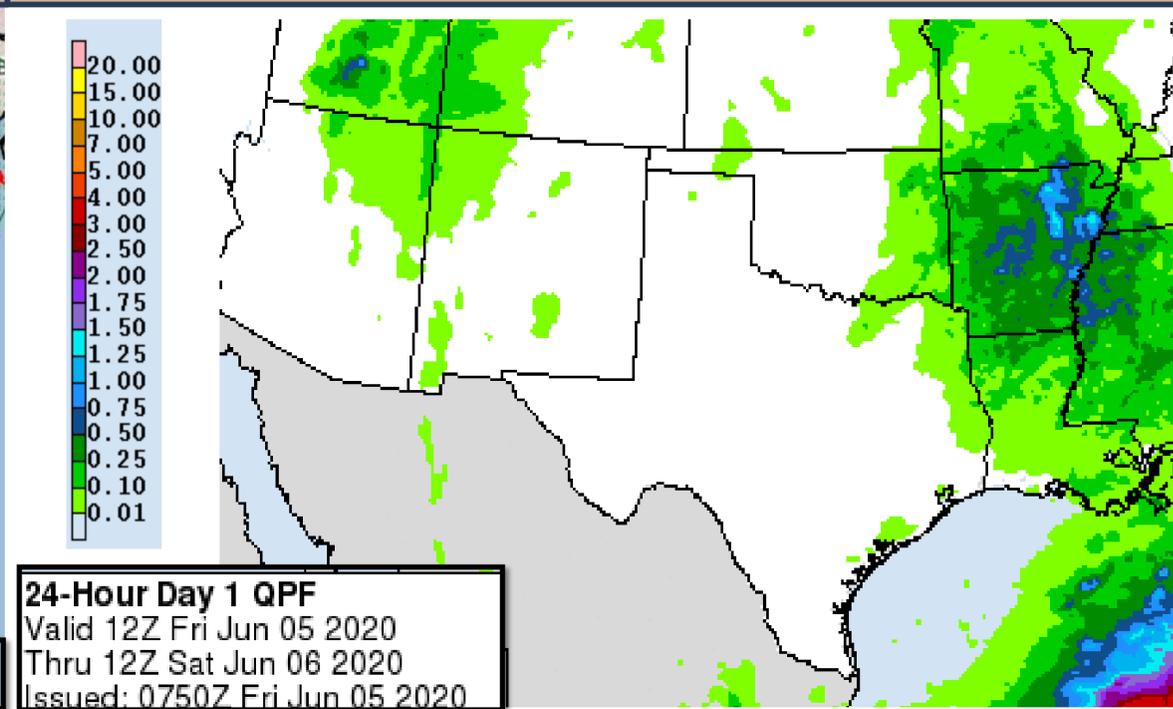
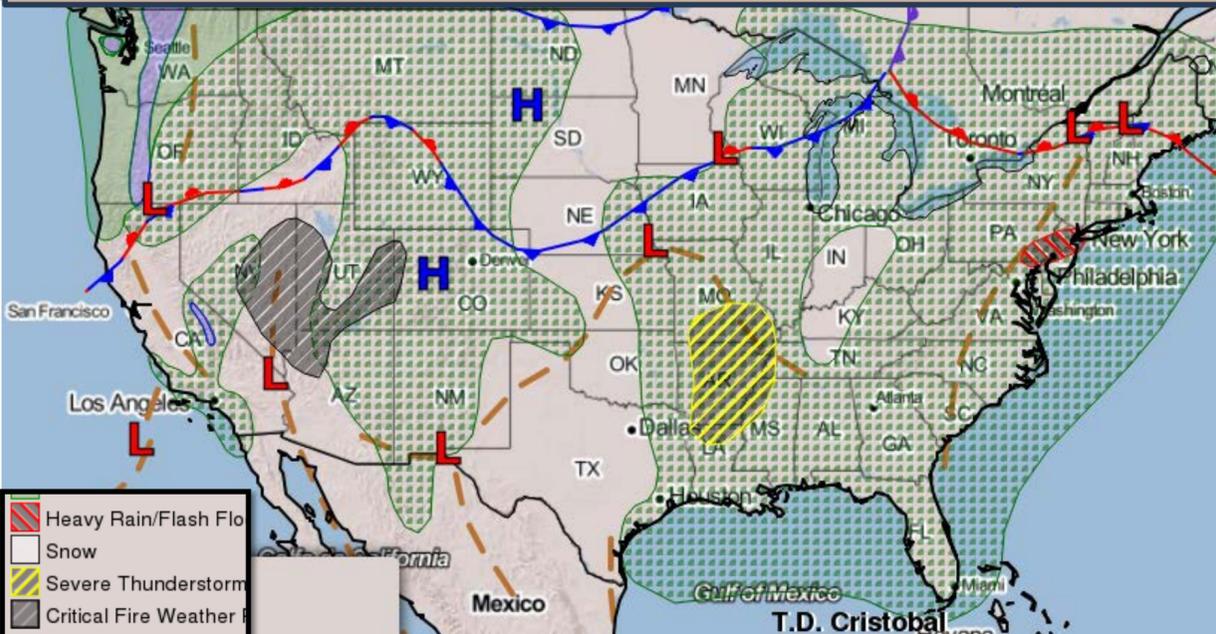


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Forecast Chart

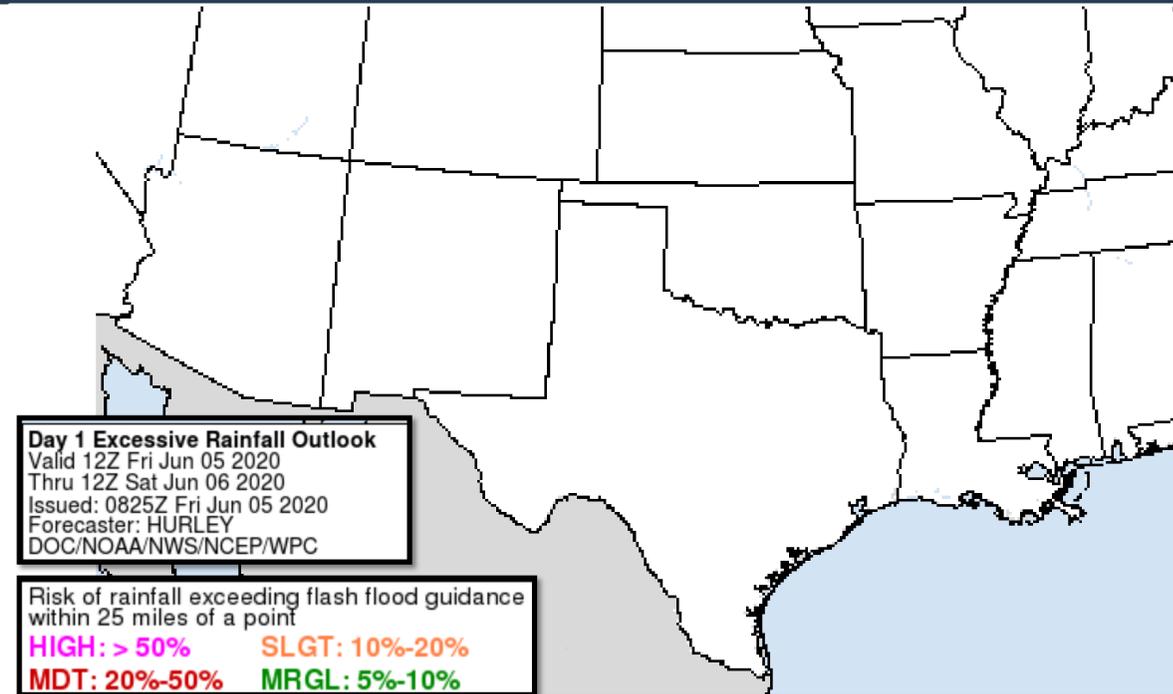
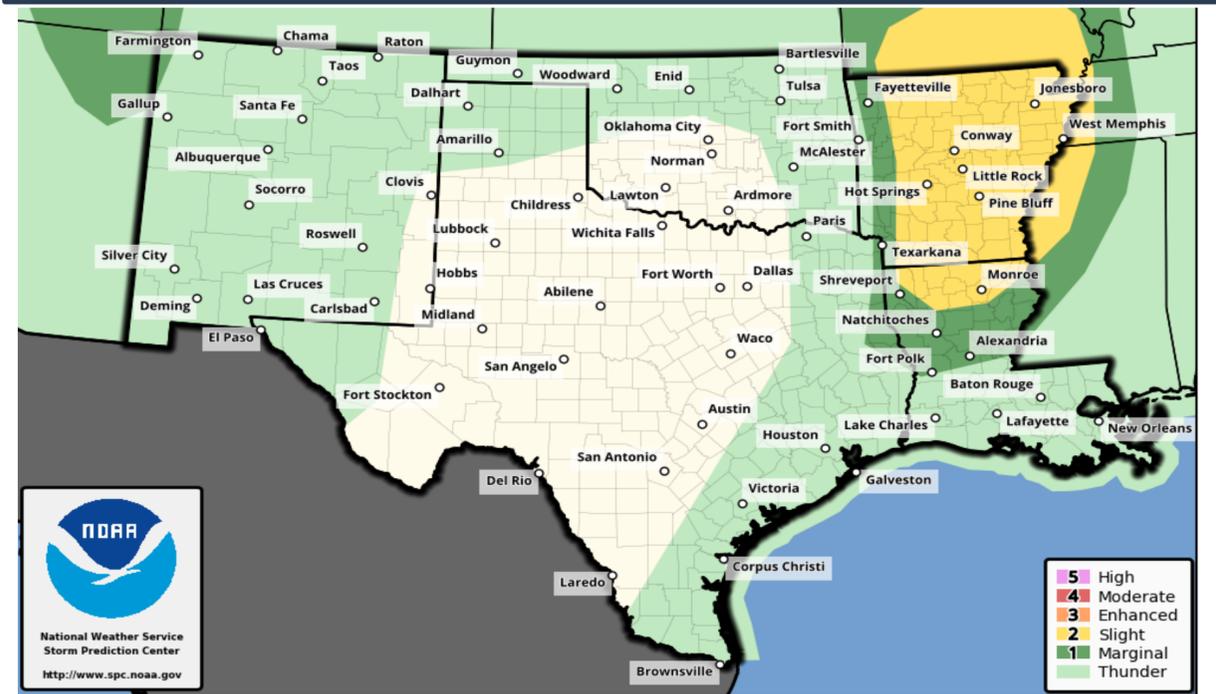
Forecast Rainfall

Severe storms with damaging wind gusts across AR/N LA.



Severe Weather Outlook

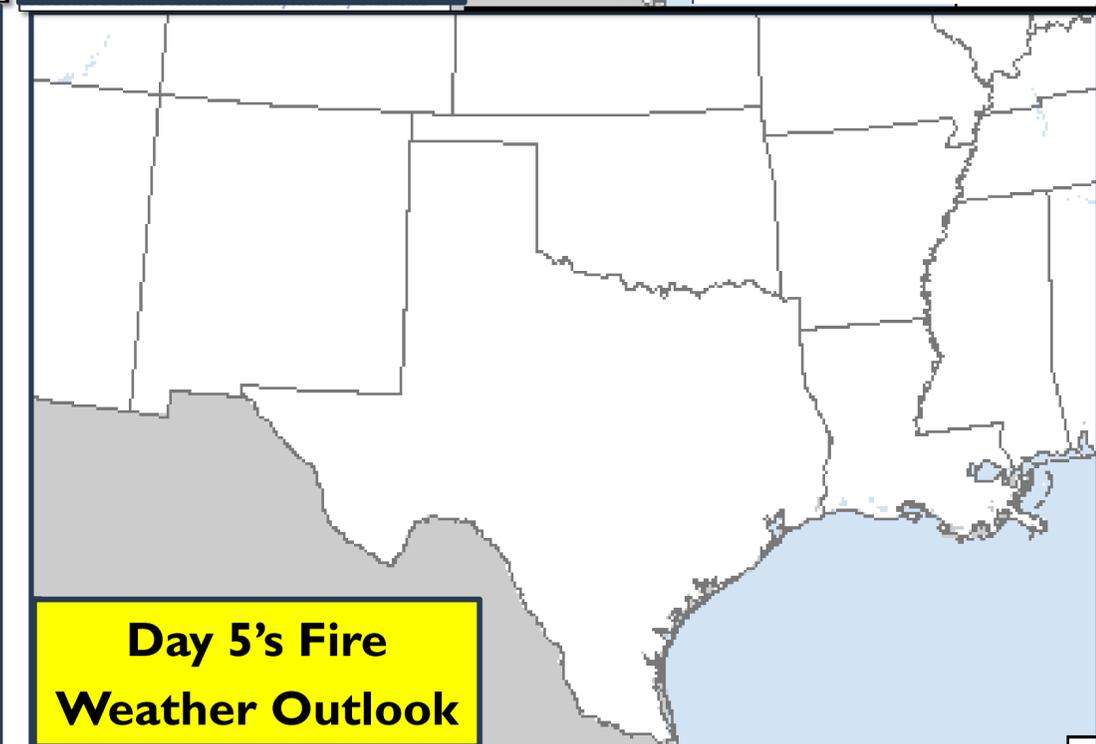
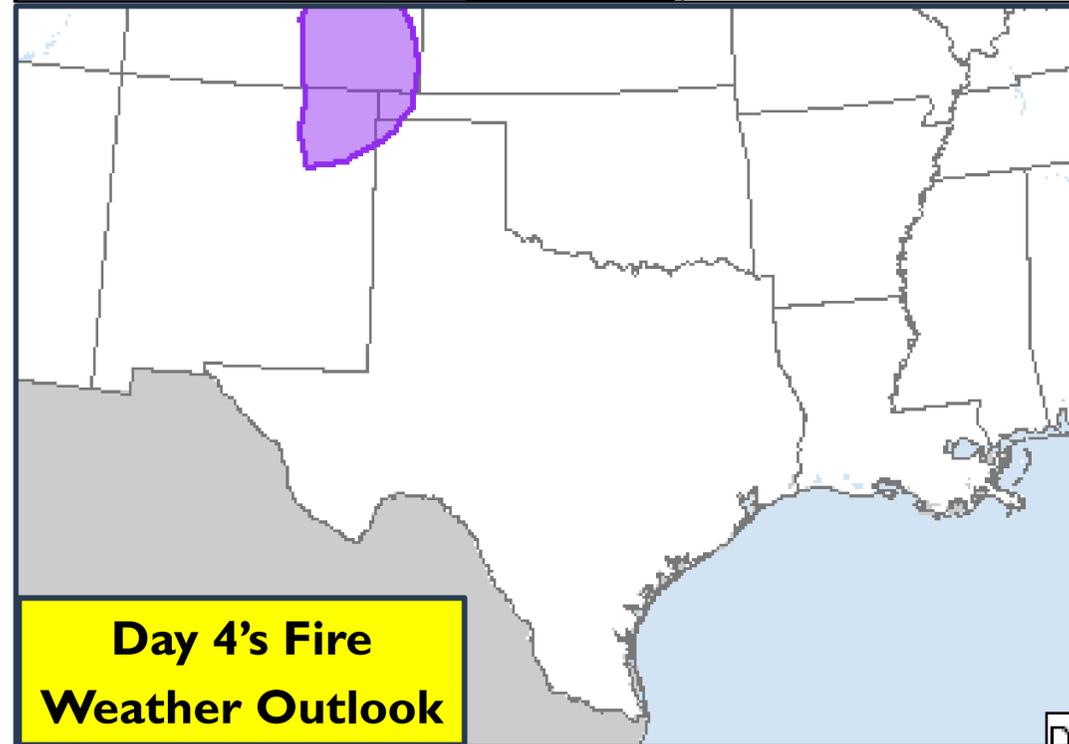
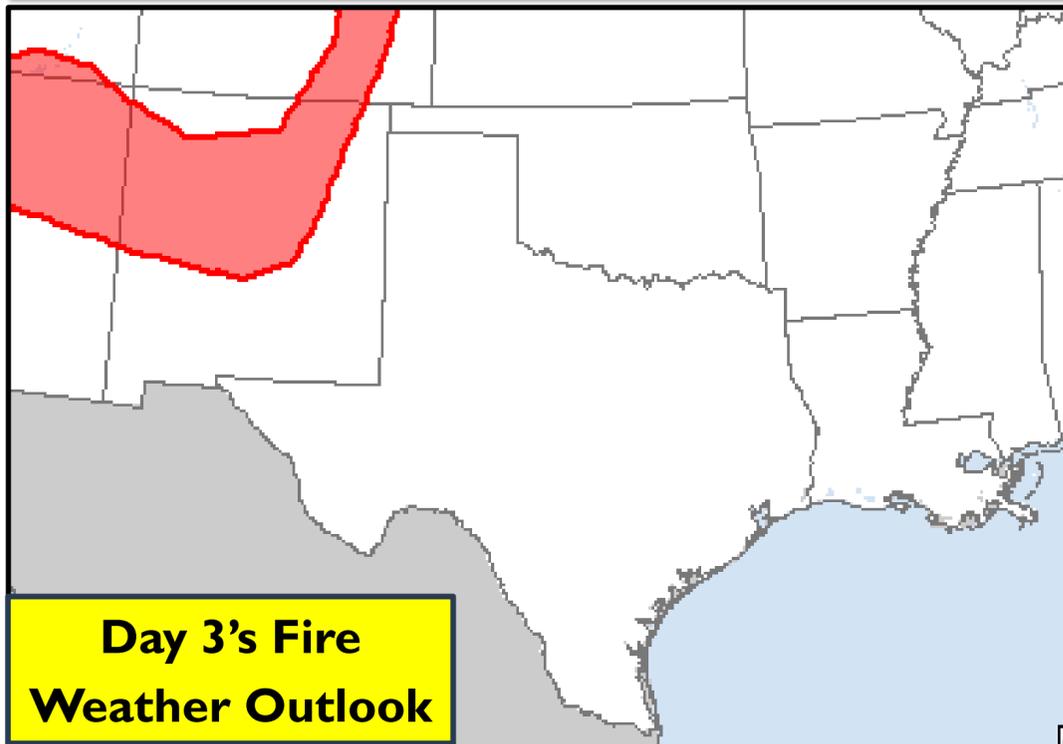
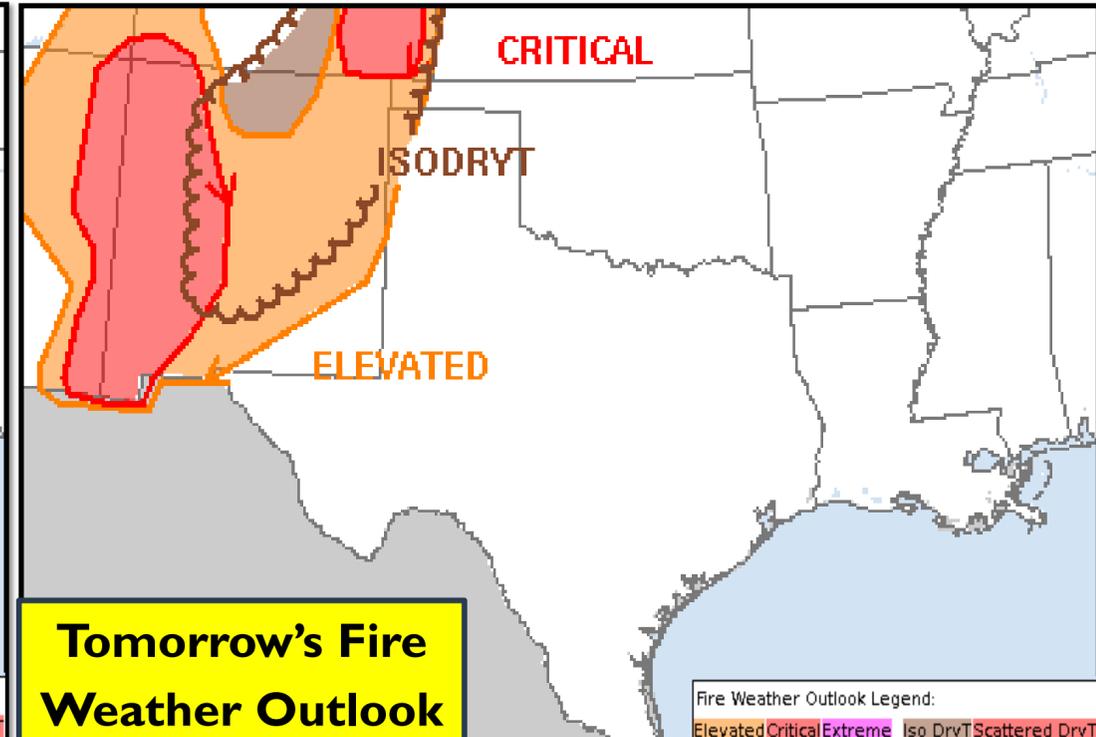
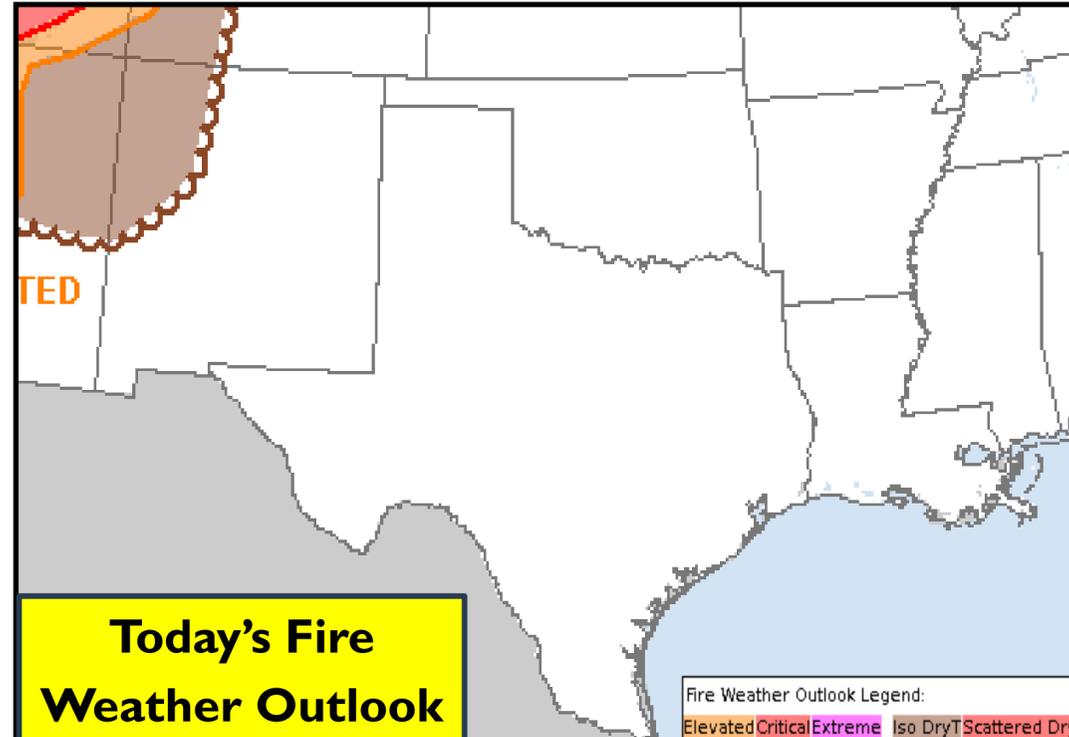
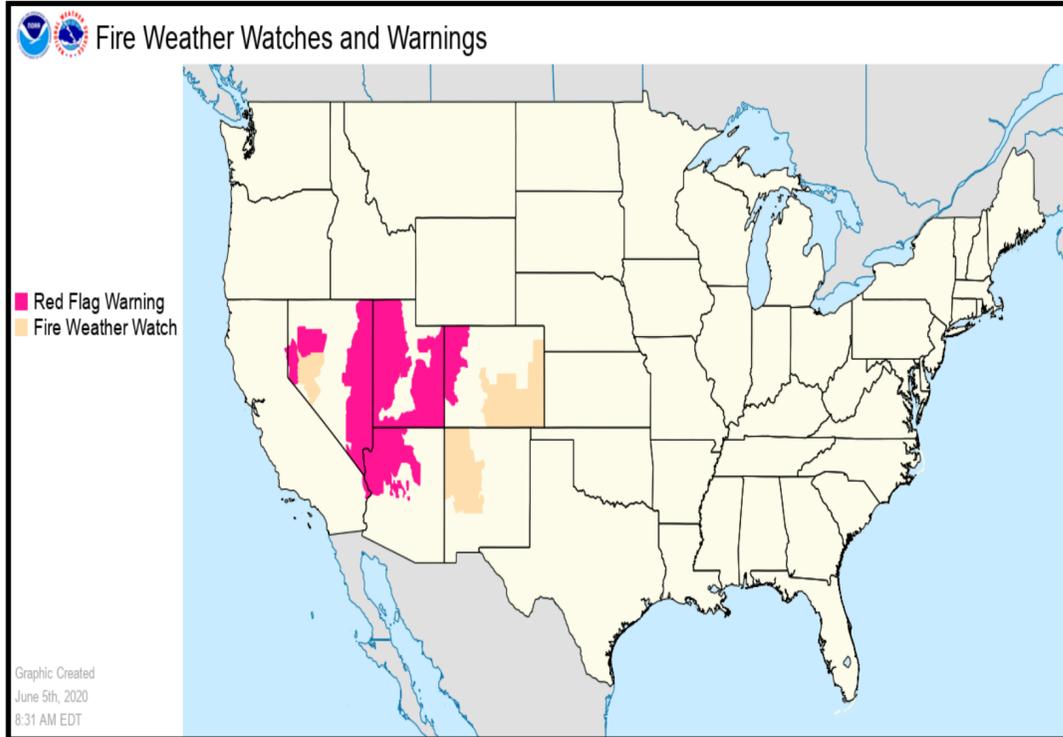
Excessive Rainfall Outlook



Fire Weather Outlooks



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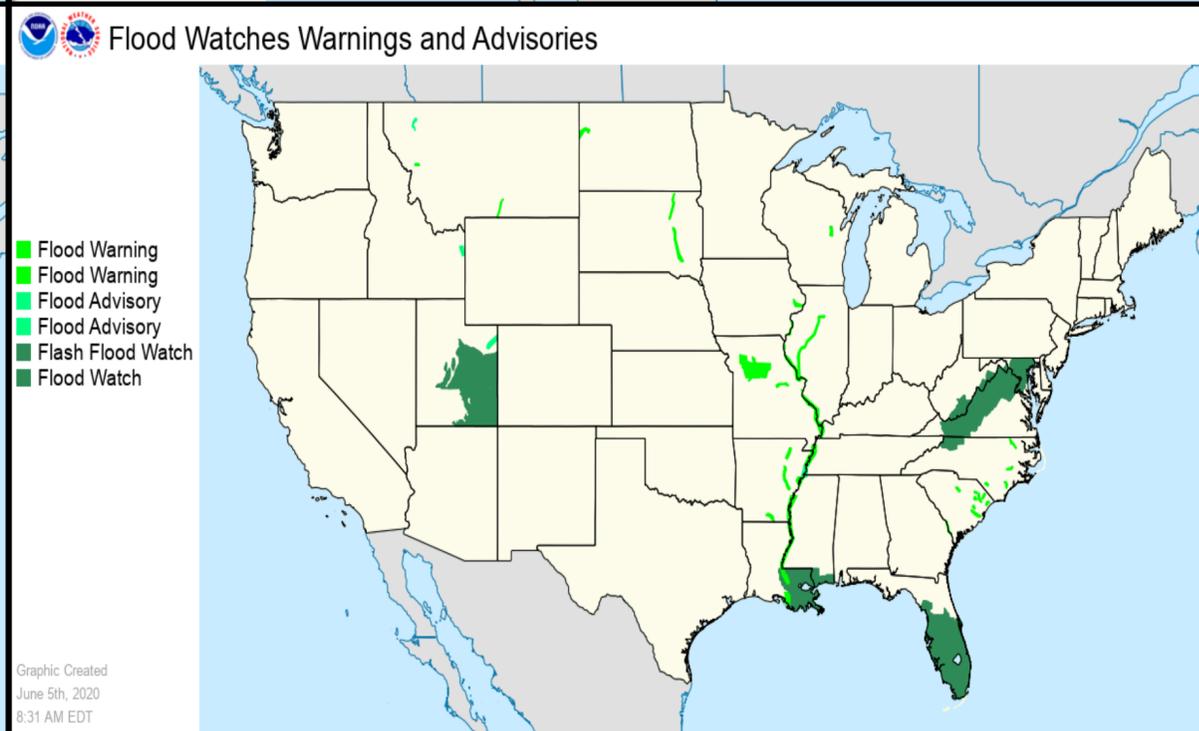
Watches, Warnings, and Advisories



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Wind, Severe, Winter, and Flood Hazards

Flood watches in effect for SE LA today through 7am Tuesday.



Tomorrow's Weather

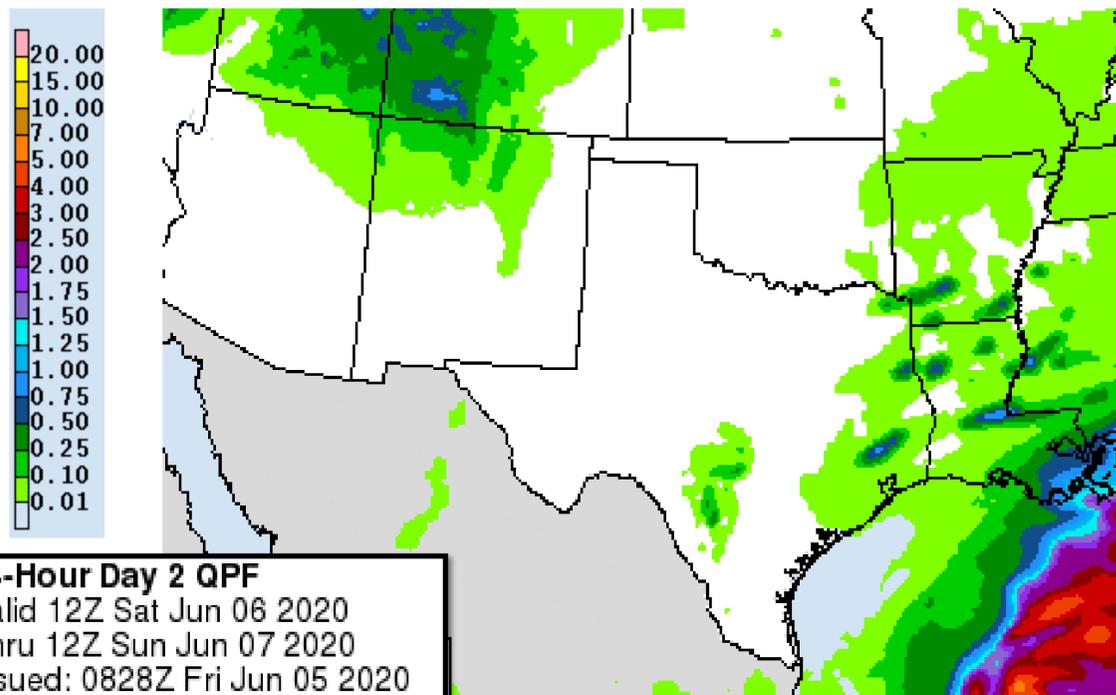
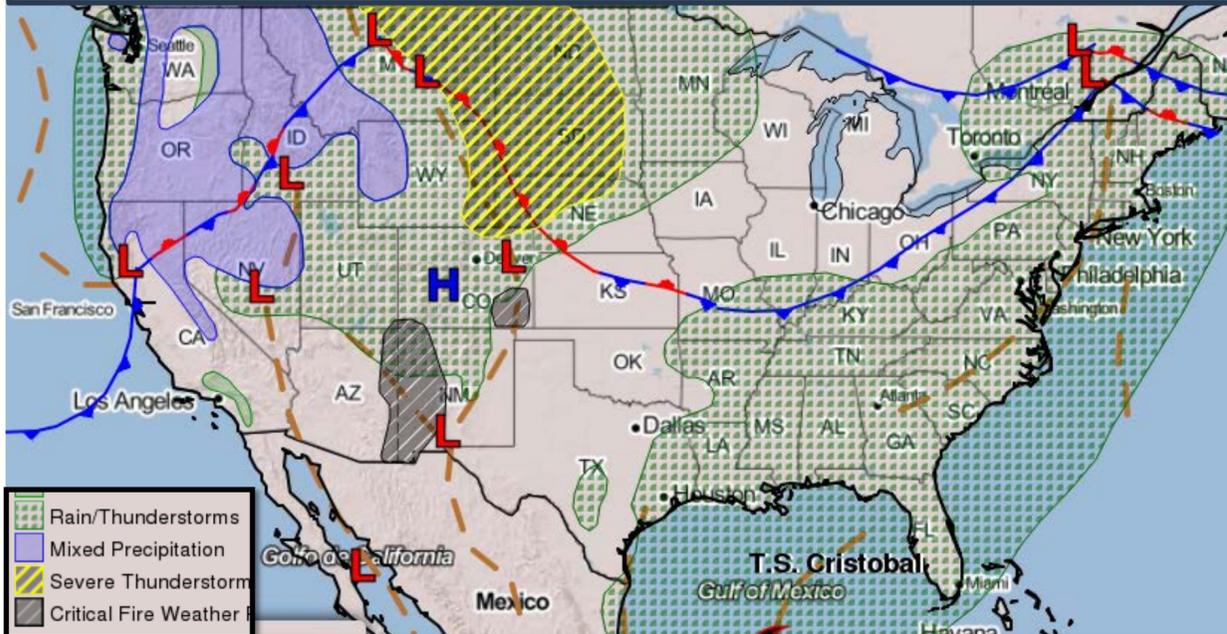


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Forecast Chart

Forecast Rainfall

**Heavy rainfall/flash flooding
across SE LA.**

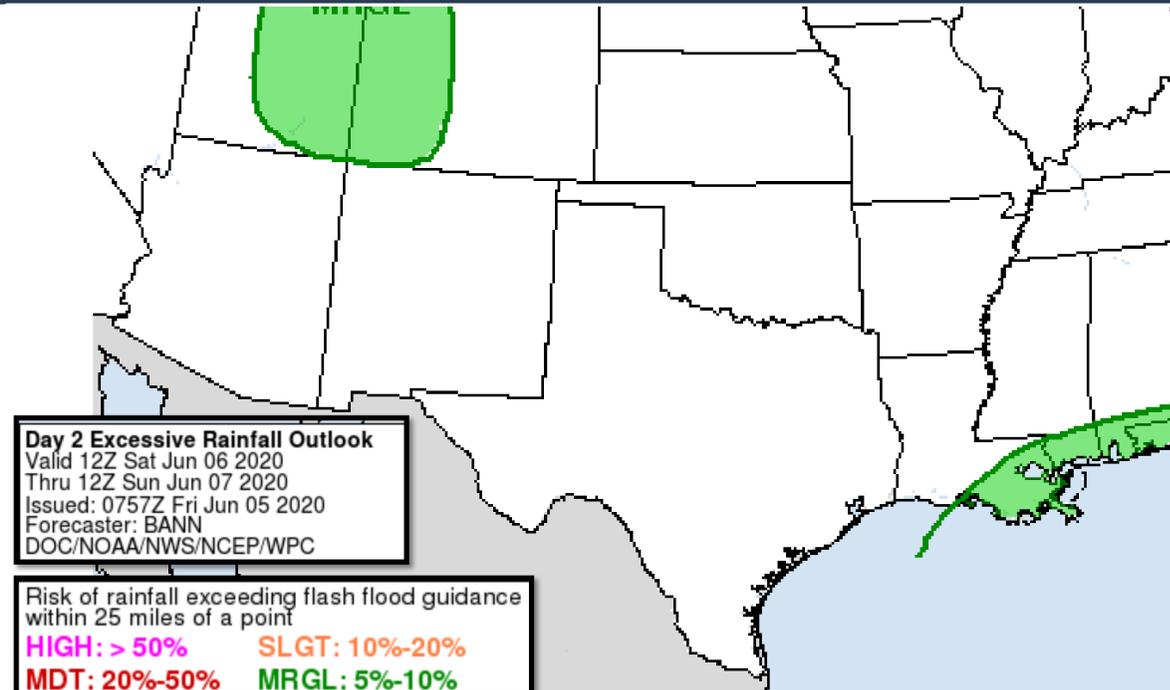
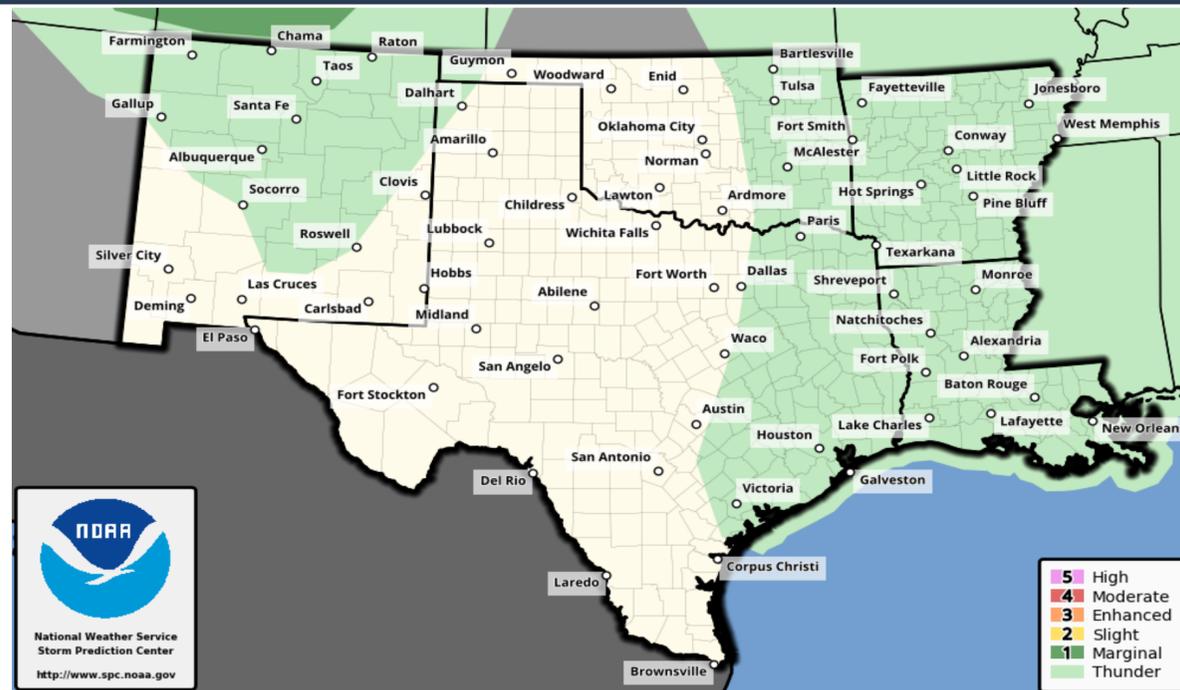


Weather Valid 8am EDT Sat Jun 06 2020 to 8am EDT Sun Jun 07 2020
Fronts Valid 8am EDT Sat Jun 06 2020
Issued 4:41 AM EDT Fri, Jun 05, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Otto with WPC/SPC/NHC forecasts.

24-Hour Day 2 QPF
Valid 12Z Sat Jun 06 2020
Thru 12Z Sun Jun 07 2020
Issued: 0828Z Fri Jun 05 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Sat Jun 06 2020
Thru 12Z Sun Jun 07 2020
Issued: 0757Z Fri Jun 05 2020
Forecaster: BANN
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%**

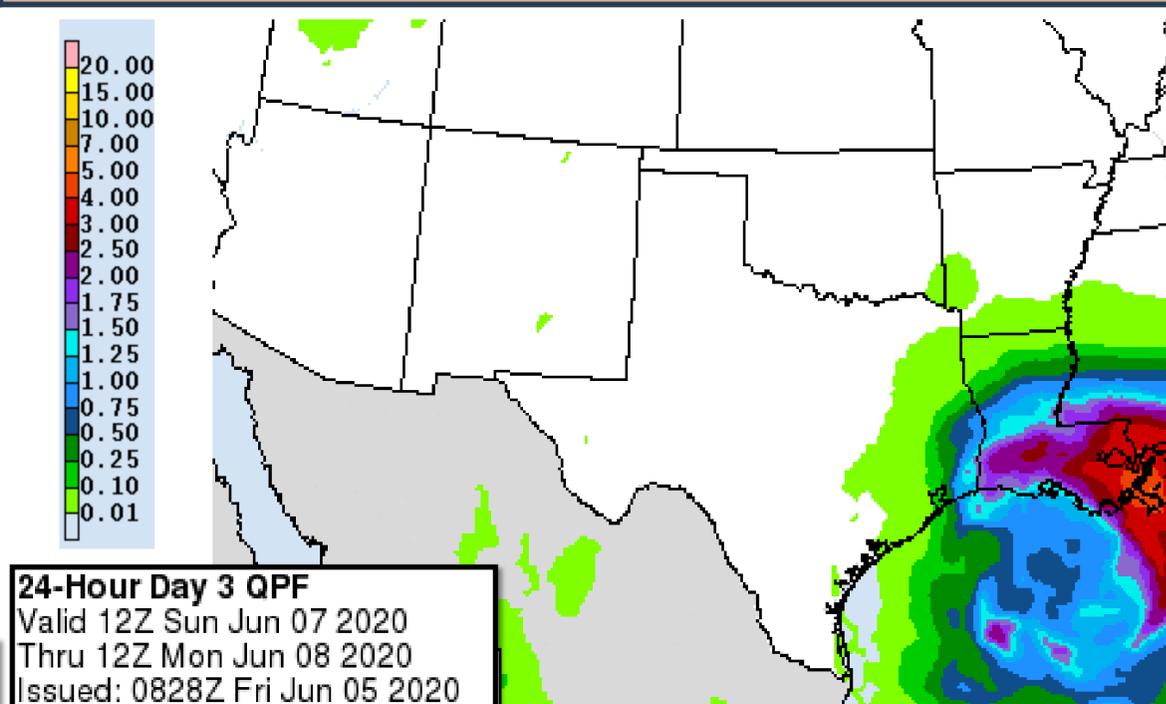
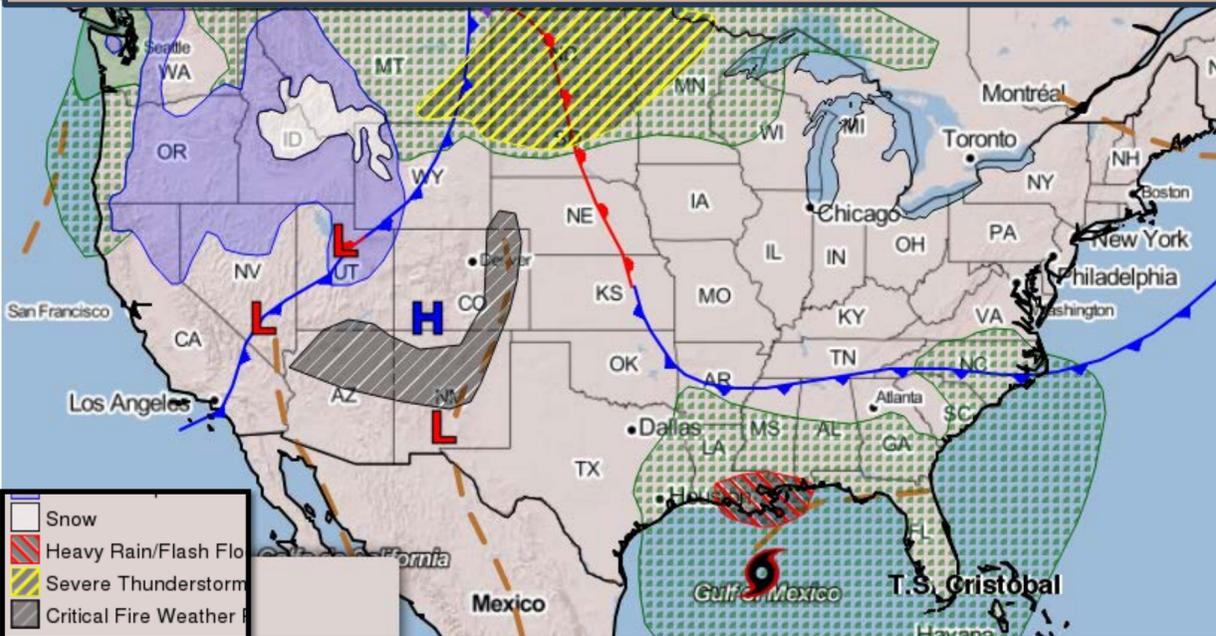
Sunday's Weather



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Forecast Chart

Forecast Rainfall



Heavy rainfall/flash flooding across S LA.

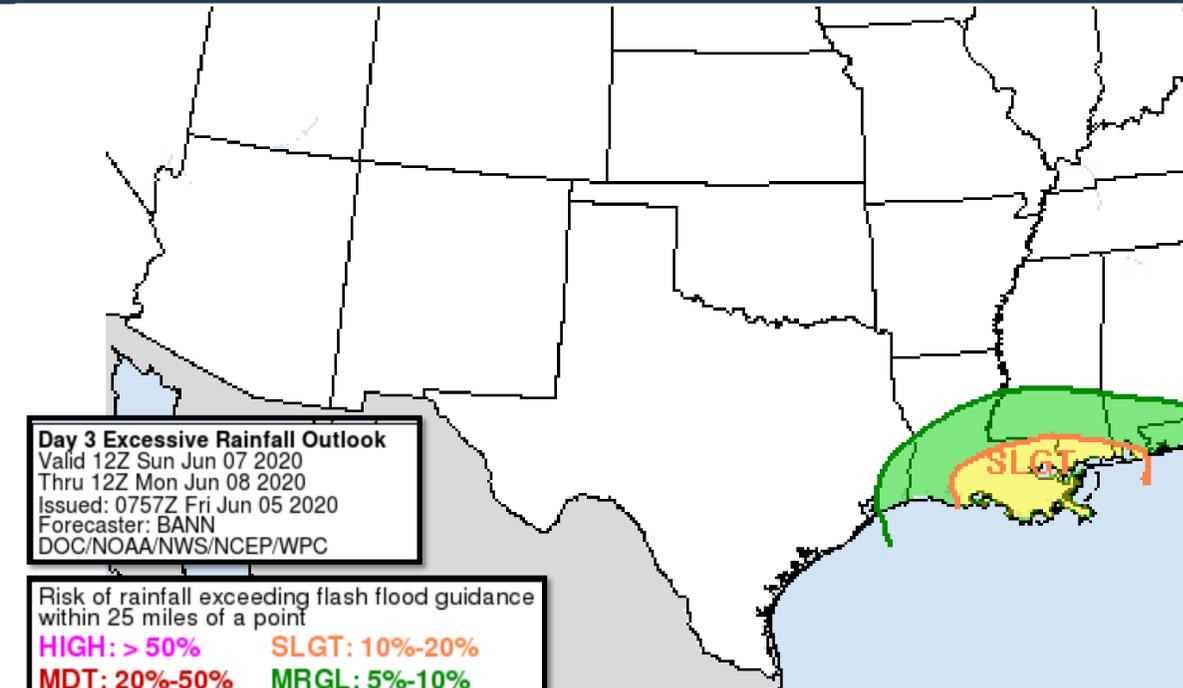
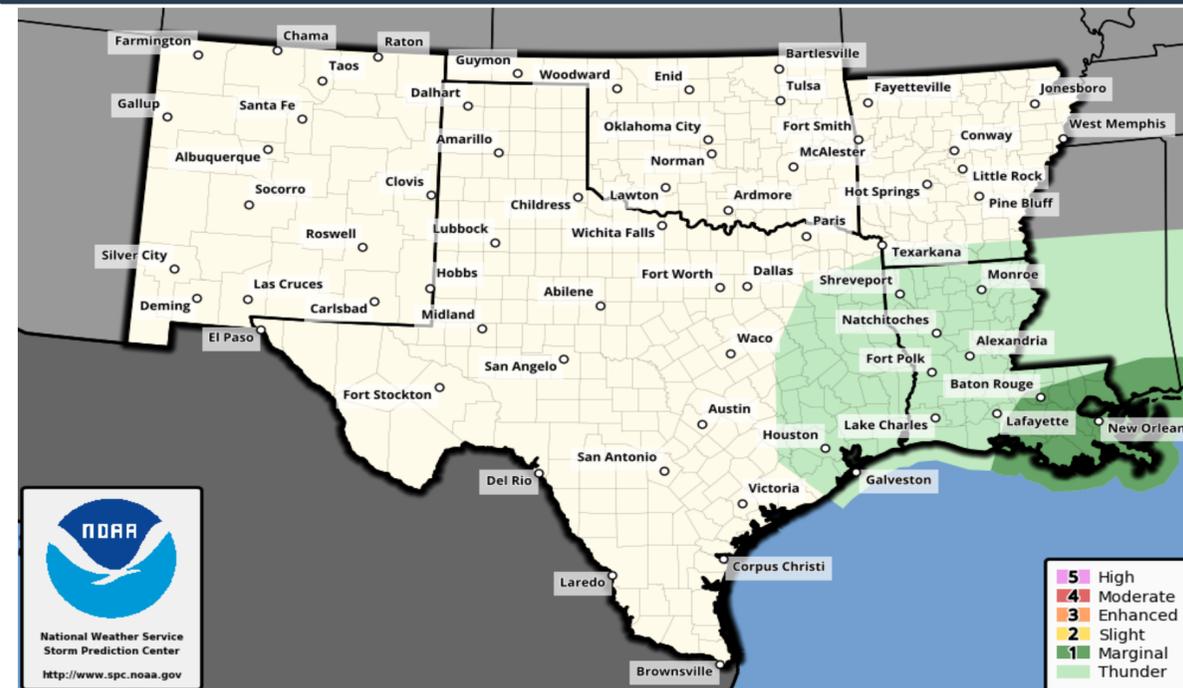
Isolated severe storms with a couple of tornadoes for SE LA.

Weather Valid 8am EDT Sun Jun 07 2020 to 8am EDT Mon Jun 08 2020
Fronts Valid 8am EDT Sun Jun 07 2020
Issued 5:14 AM EDT Fri, Jun 05, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Otto with WPC/SPC/NHC forecasts.

24-Hour Day 3 QPF
Valid 12Z Sun Jun 07 2020
Thru 12Z Mon Jun 08 2020
Issued: 0828Z Fri Jun 05 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 3 Excessive Rainfall Outlook
Valid 12Z Sun Jun 07 2020
Thru 12Z Mon Jun 08 2020
Issued: 0757Z Fri Jun 05 2020
Forecaster: BANN
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% **SLGT: 10%-20%**
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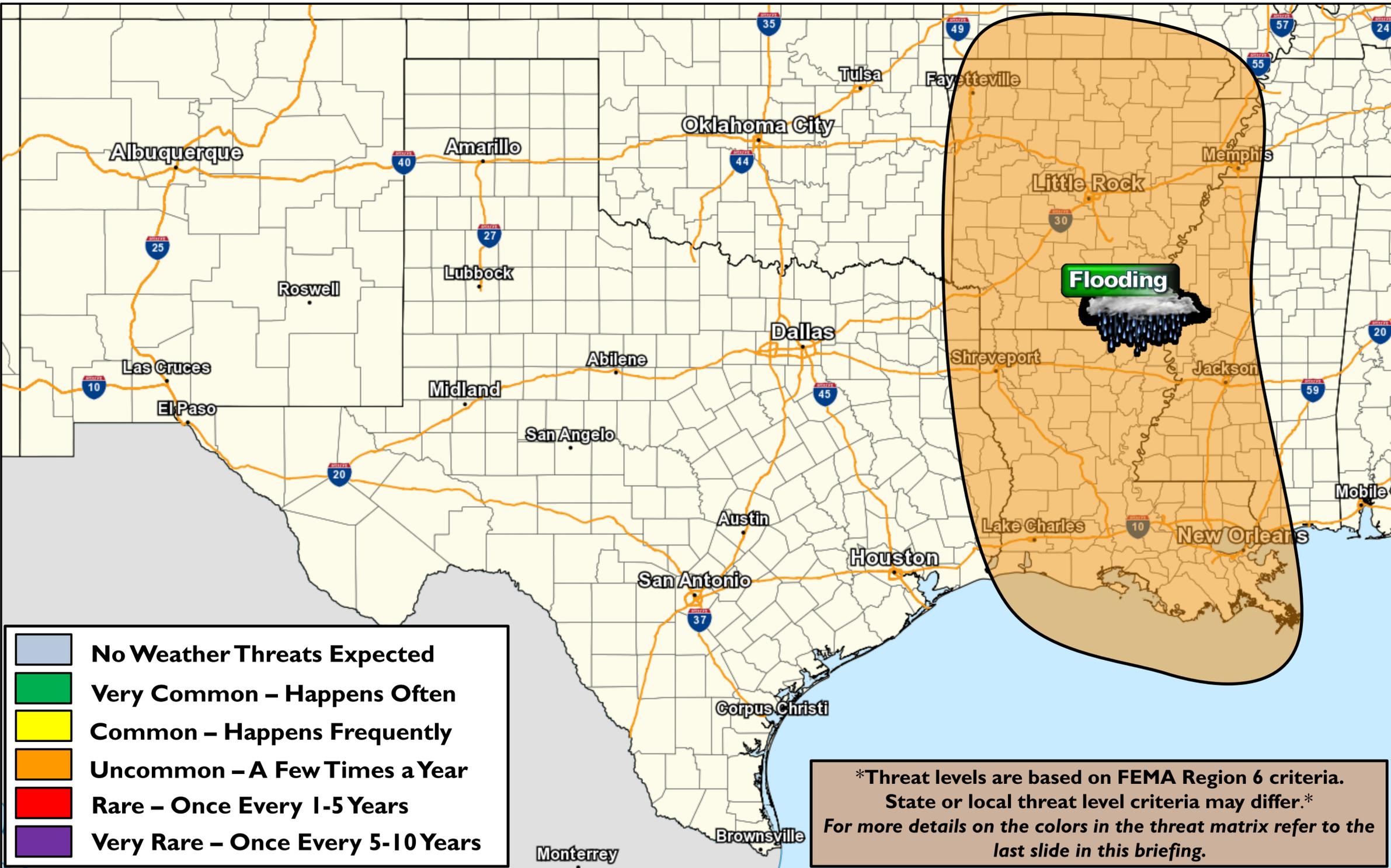
Days 4-5 Weather Hazards

Monday - Tuesday



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**Heavy rainfall/flash flooding
across LA/AR and E TX/OK
for Monday and Tuesday.**

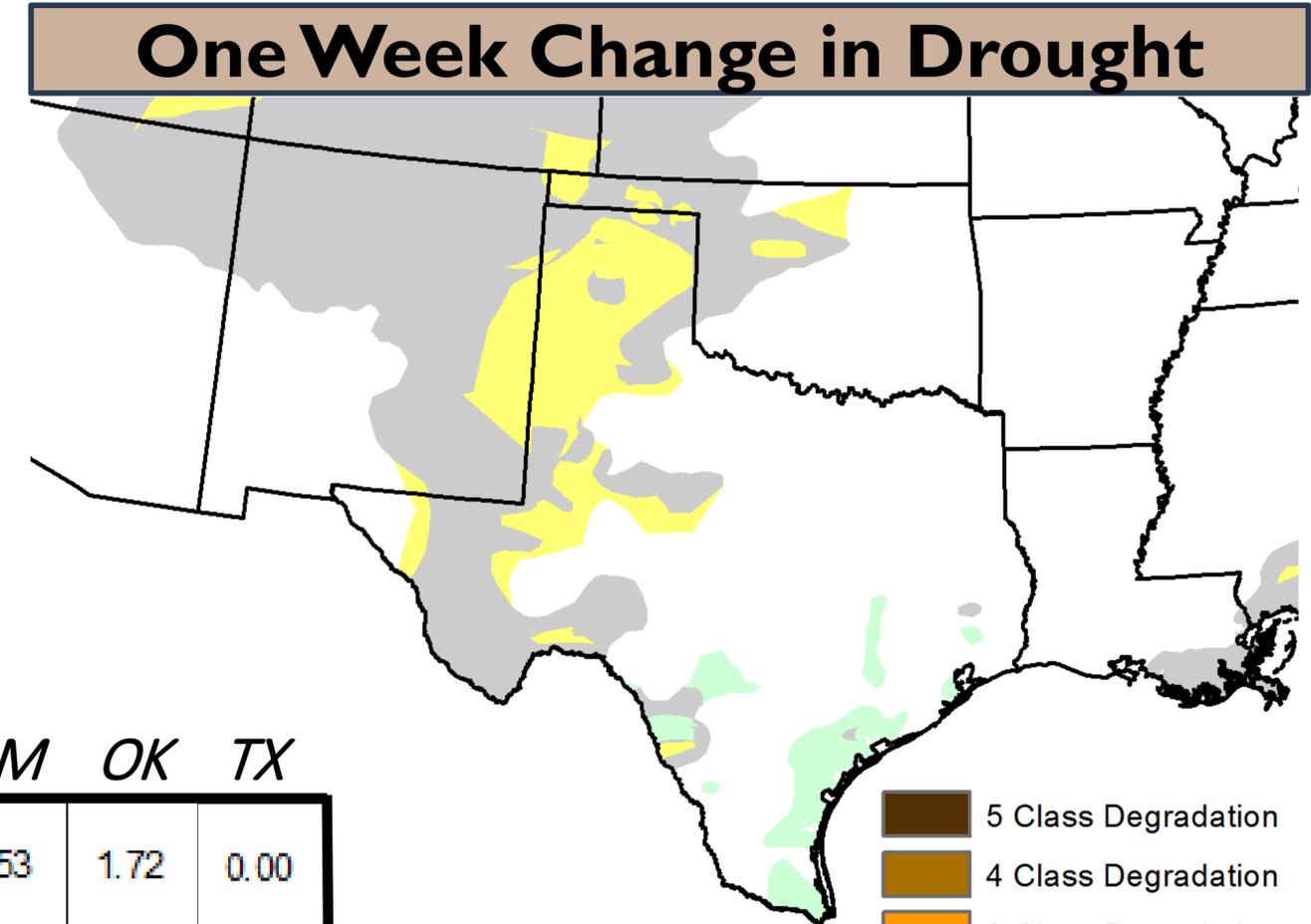
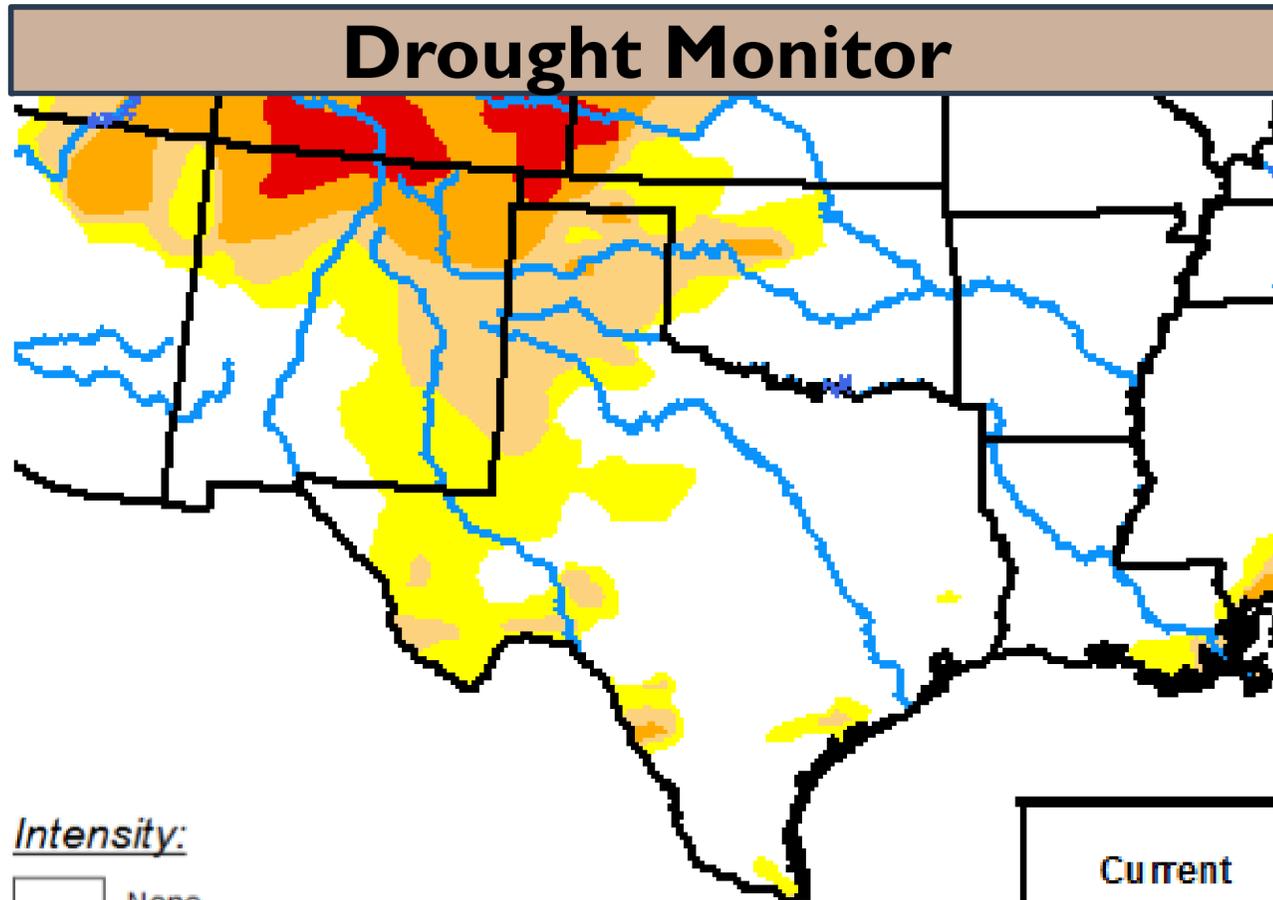


Drought Monitor (Released Jun 4, 2020)



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Data valid as of 8 am ET on Tuesday, June 2, 2020



Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

AR LA NM OK TX

	AR	LA	NM	OK	TX
Current	0.00	0.00	4.53	1.72	0.00
Last Week <i>05-26-2020</i>	0.00	0.00	4.44	0.00	0.00
3 Months Ago <i>03-03-2020</i>	0.00	0.00	0.00	0.00	5.87
One Year Ago <i>06-04-2019</i>	0.00	0.00	0.00	0.00	0.00

Drought Conditions (Percent Area)

D3-D4 (Extreme to Exceptional Drought)

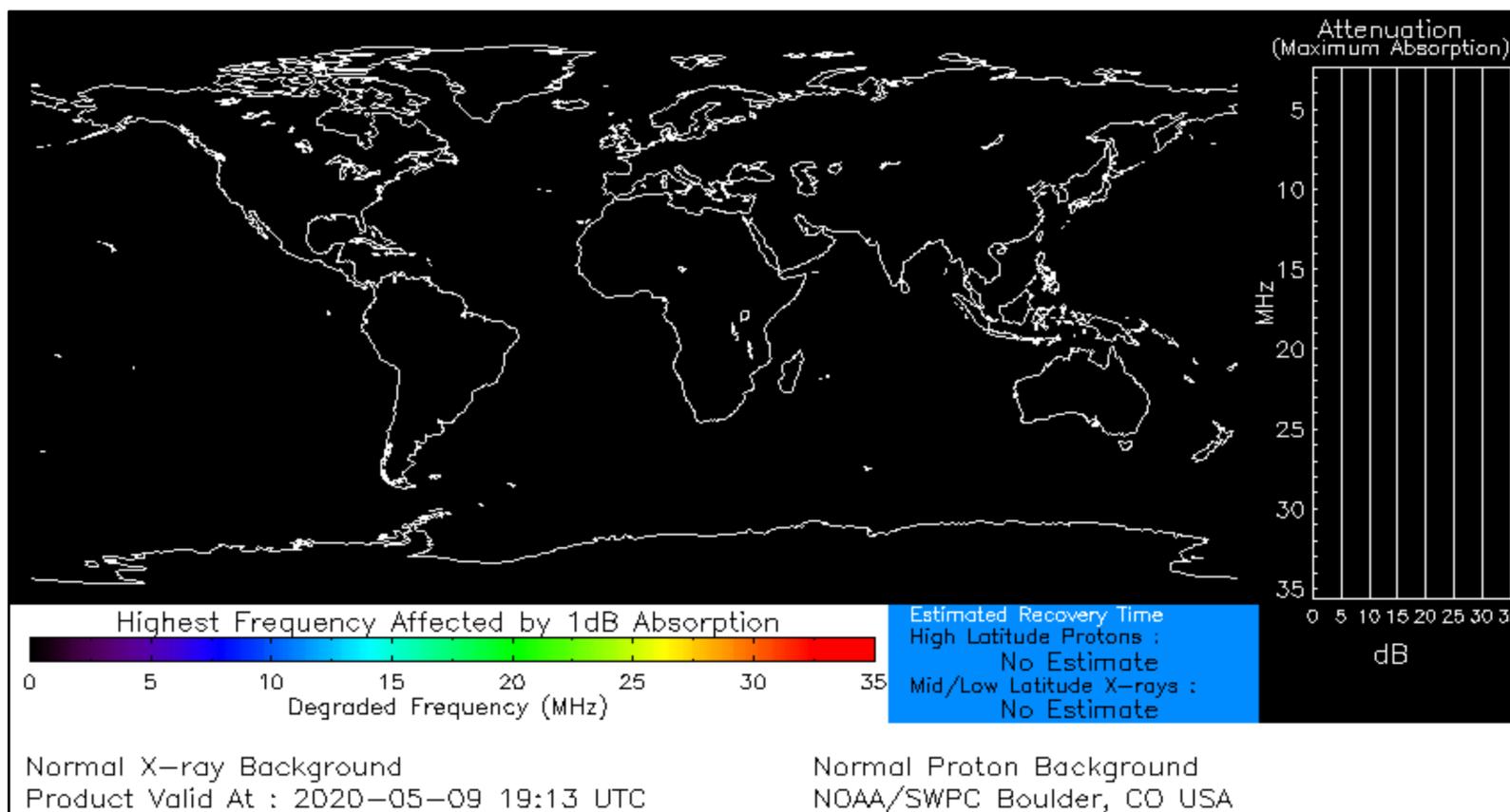
- 5 Class Degradation
- 4 Class Degradation
- 3 Class Degradation
- 2 Class Degradation
- 1 Class Degradation
- No Change
- 1 Class Improvement
- 2 Class Improvement
- 3 Class Improvement
- 4 Class Improvement
- 5 Class Improvement

Space Weather 3-Day Forecast



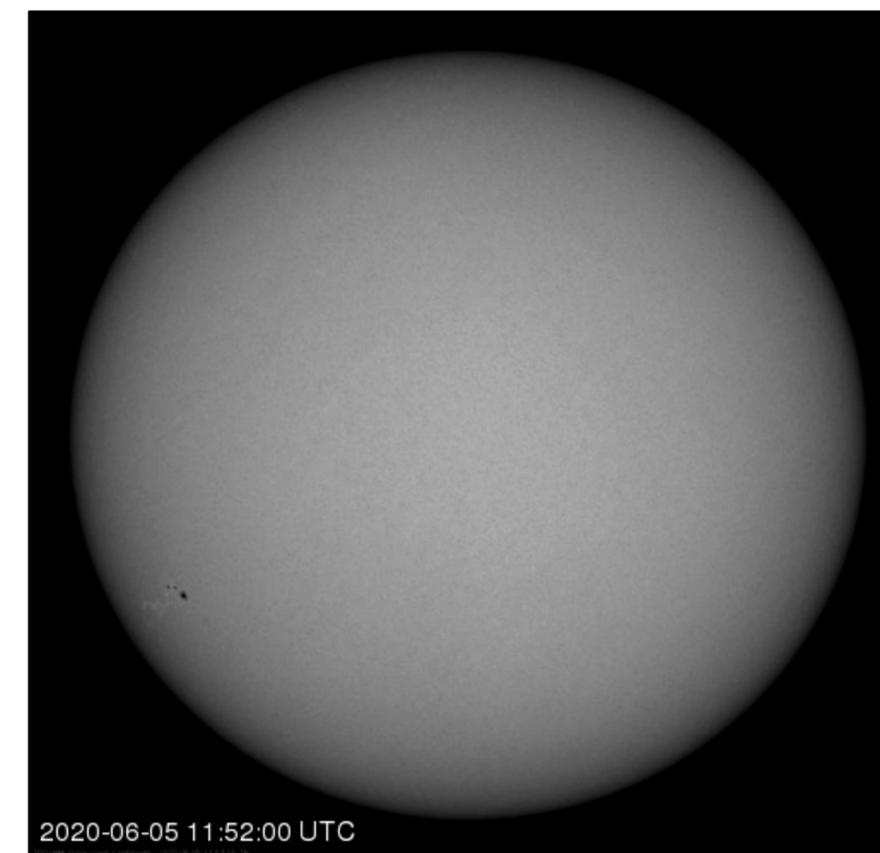
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	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[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.