



# FEMA

**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 <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Friday, June 03, 2016

Issued: 0800 CT

**Day 1 Weather Hazards:** Locally heavy rain will likely produce areas of flash flooding/flooding over TX and into SW LA.

**Day 1 Weather Hazards:** Flash flooding likely in SE TX.

**River Flood Status:** Moderate to major river flooding continues over the E ½ half of TX.

National Weather Service

Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



Prepared by: Jennifer McNatt  
817-978-1100 x 147

# Key Points



## Today

- Heavy rainfall/flash flood/river flood threat continues today across much of central and eastern TX as well as SW LA

## Saturday - Sunday

- Heavy rainfall/flash flood threat continues over Coastal TX on Saturday
- Some heavy rain possible over S TX on Sunday, but flash flood threat decreases

## Monday - Tuesday

- Other than ongoing river flooding, no significant weather impacts expected

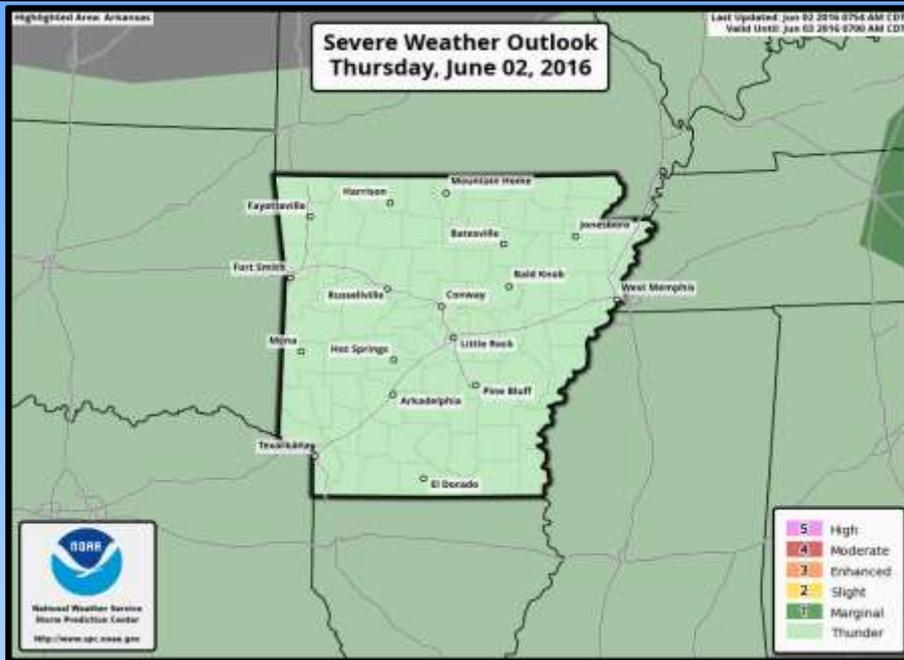
## River Flooding

- Moderate to major river flooding continues or is expected over the Eastern half of TX for the next several days; Rapid rises possible over Central/SE TX with any storms that produce moderate/heavy rainfall rates.

## Tropical Outlook

- There is a 50% chance of tropical activity over the central and eastern Gulf of Mexico early next week. This activity is not expected to impact FEMA Region 6.

# JFO Arkansas Forecast



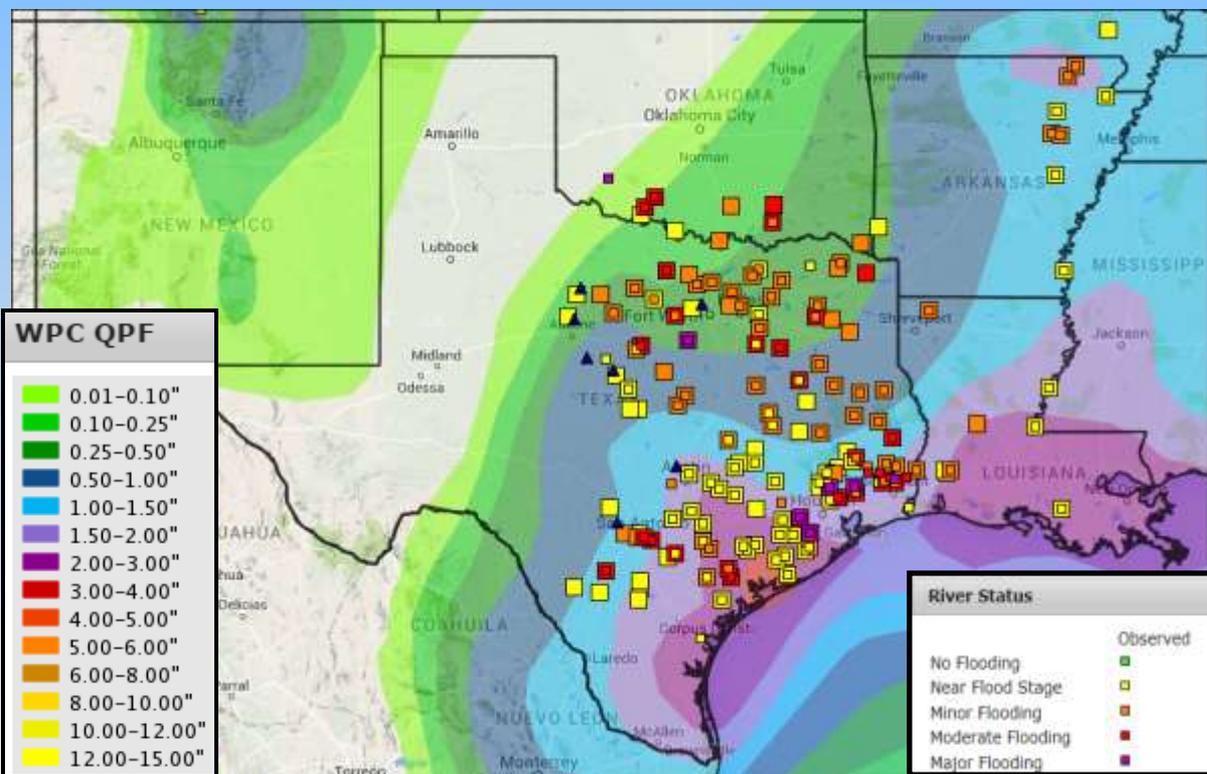
## 5 Day Planning Forecast – Little Rock, AR

Friday	Friday Night	Saturday	Saturday Night	Sunday	Sunday Night	Monday	Monday Night
70%	60%	70%	40%				
Showers Likely and Patchy Fog	Showers Likely	T-storms Likely	Chance T-storms	Sunny	Mostly Clear	Sunny	Mostly Clear
High: 80 °F	Low: 67 °F	High: 79 °F	Low: 65 °F	High: 83 °F	Low: 63 °F	High: 84 °F	Low: 65 °F

**Showers and thunderstorms are likely today. Severe weather is not expected, but rainfall could be heavy at times.**

# River Flood Status/5 Day Forecast Rainfall

- Heavy rainfall has produced moderate to major river flooding over the eastern half of TX. Additional rain over the next few days may cause additional river rises or prolong current flooding.
  - The Brazos River is experiencing Major river flooding; Glen Rose looks to crest near record levels this morning, Richmond has crested and will continue a slow fall, Rosharon will continue a slow rise through Saturday
  - The West Fork San Jacinto River near Humble is still in Major flood, but expected to begin a slow fall today
  - The Trinity River at Liberty will remain in Major flood for the next several days



**Disclaimer:** Although this image shows the next 5 days of expected rainfall, river forecasts only incorporate 1-2 days worth of precipitation.

See <http://www.srh.noaa.gov/rfcexp/main.php?fs=1> for the latest on river flooding

# \*FEMA Region 6 Threat Matrix

Jun 3, 2016 - Jun 7, 2016

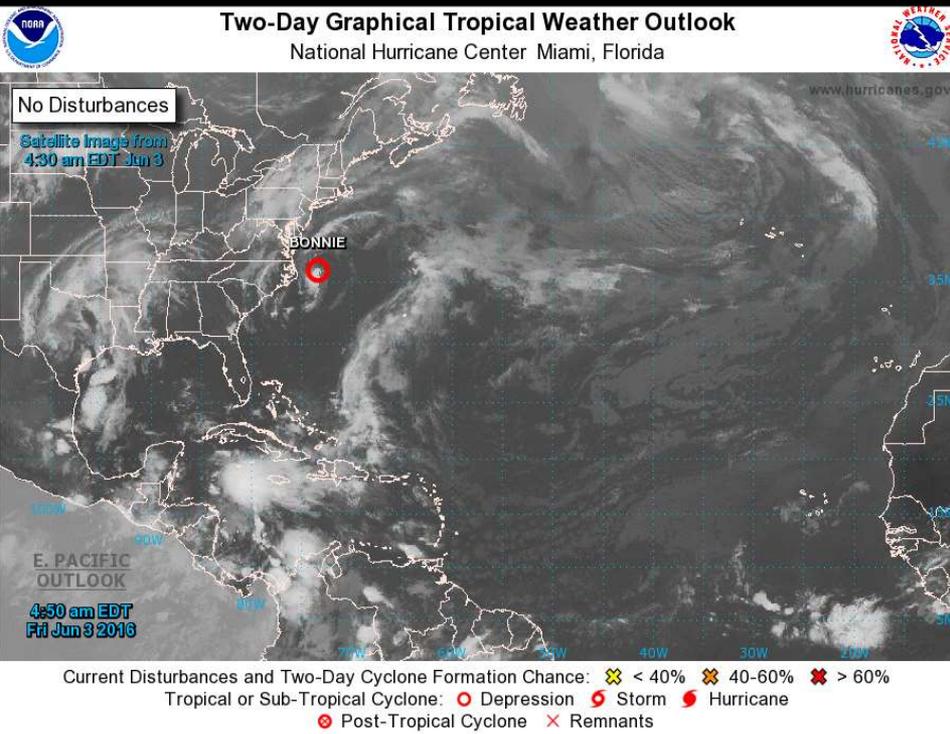
DAY/ THREAT	FRI	SAT	SUN	MON	TUE
Severe Weather					
Heavy Rain/Flash Flooding	TX, S LA	Coastal TX, SW LA	S TX		
	SE TX				
Fire Weather					
River Flooding	E ½ of TX	E ½ of TX	E ½ of TX	E ½ of TX	Some locations in E TX

- 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

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

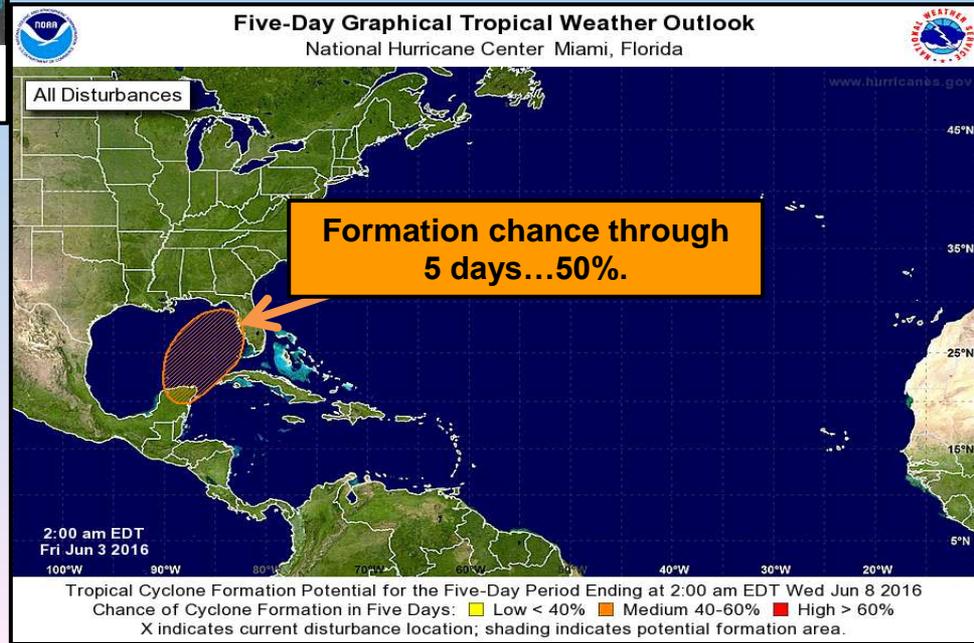


# Tropical Weather Outlook

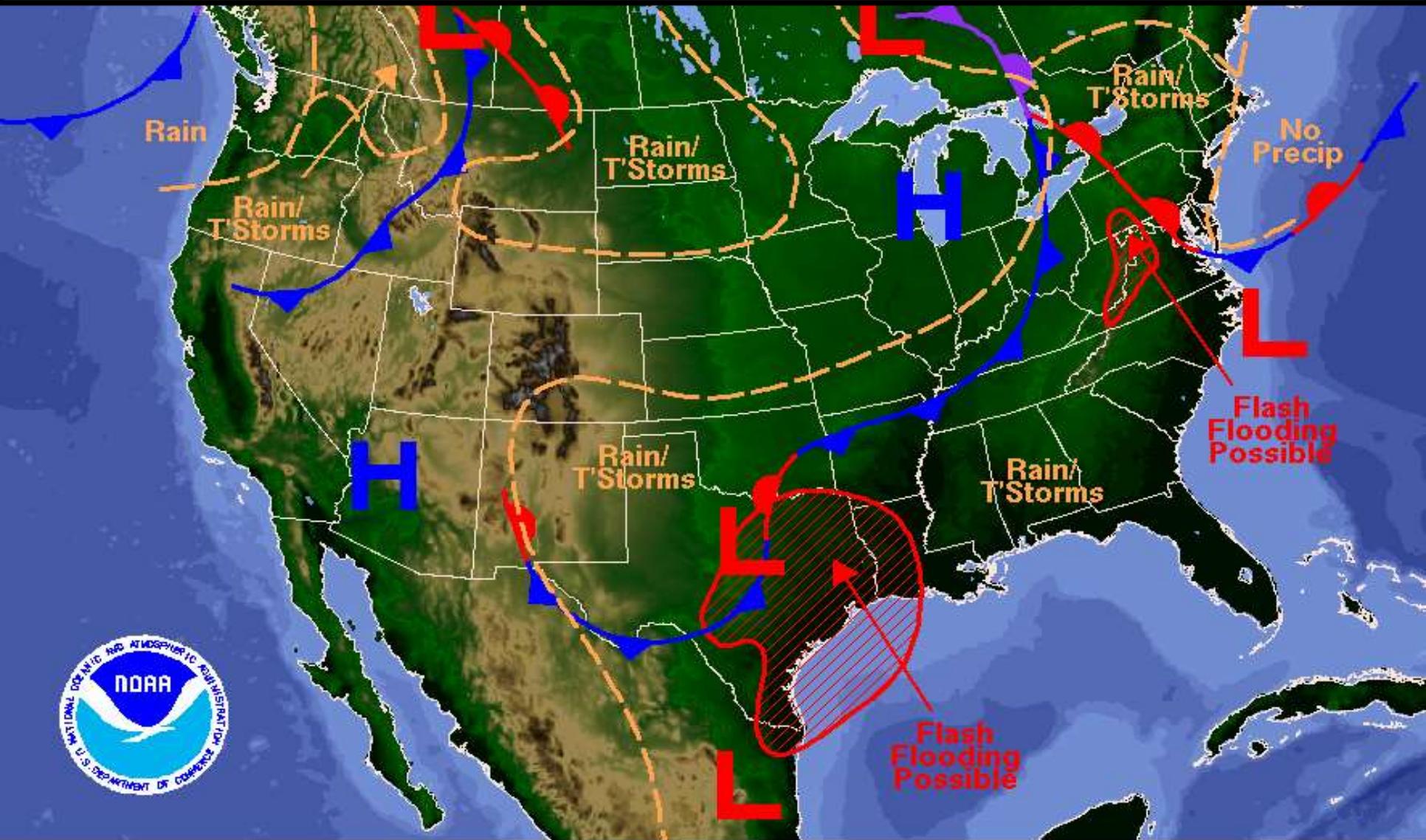


Remnants of Bonnie slowly moving away from NC and out into the Atlantic

**A broad low pressure area is expected to form over the Yucatan Peninsula or the southern Gulf of Mexico by late this weekend. Development could occur when it moves into the central and eastern Gulf of Mexico early next week. This system is expected to bring heavy rainfall to Florida Monday/Tuesday.**



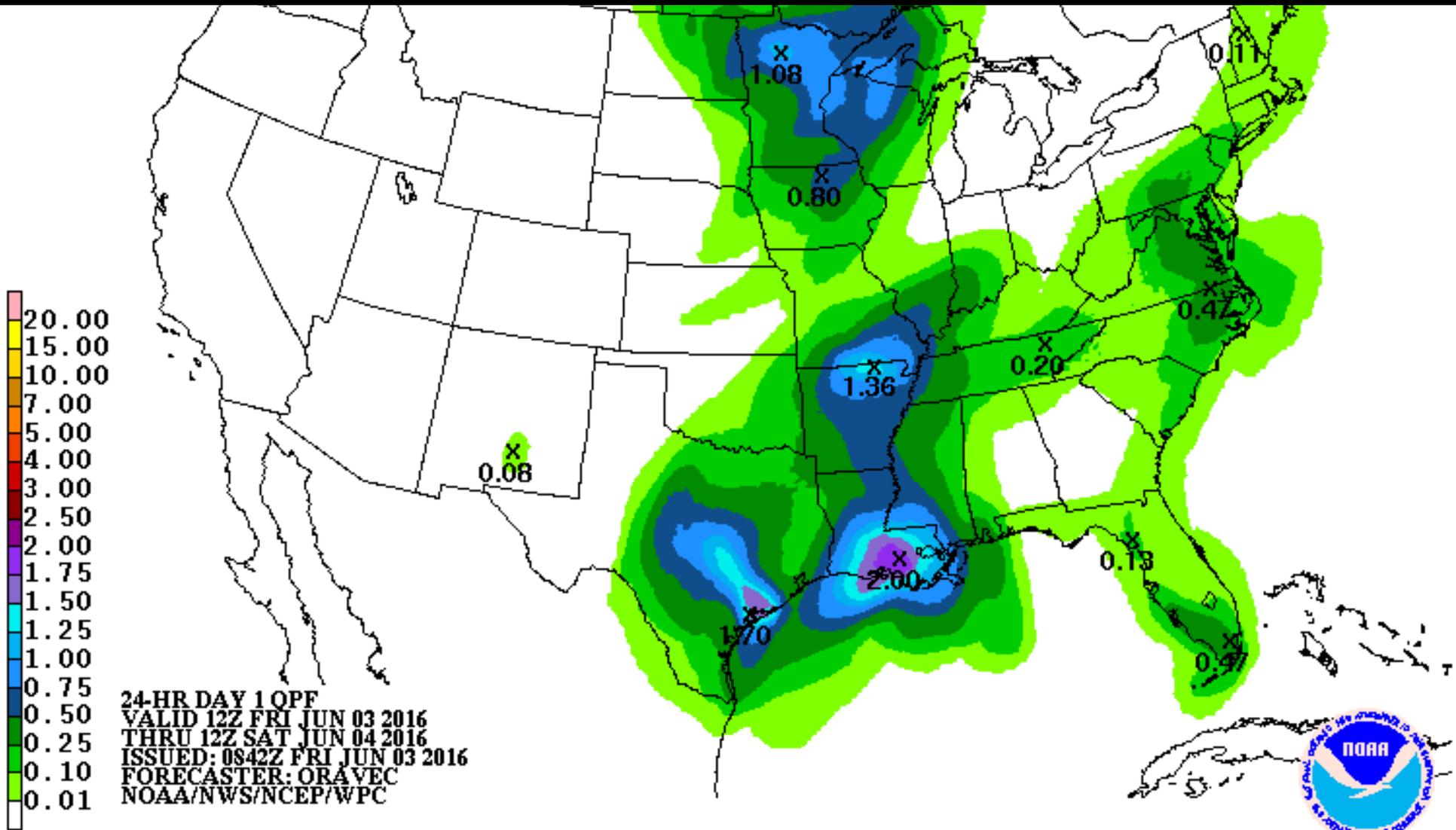
# Today's Weather



Weather Forecast for Thu, Jun 02, 2016, issued 4:46 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

# Today's Precipitation

## Fri AM - Sat AM



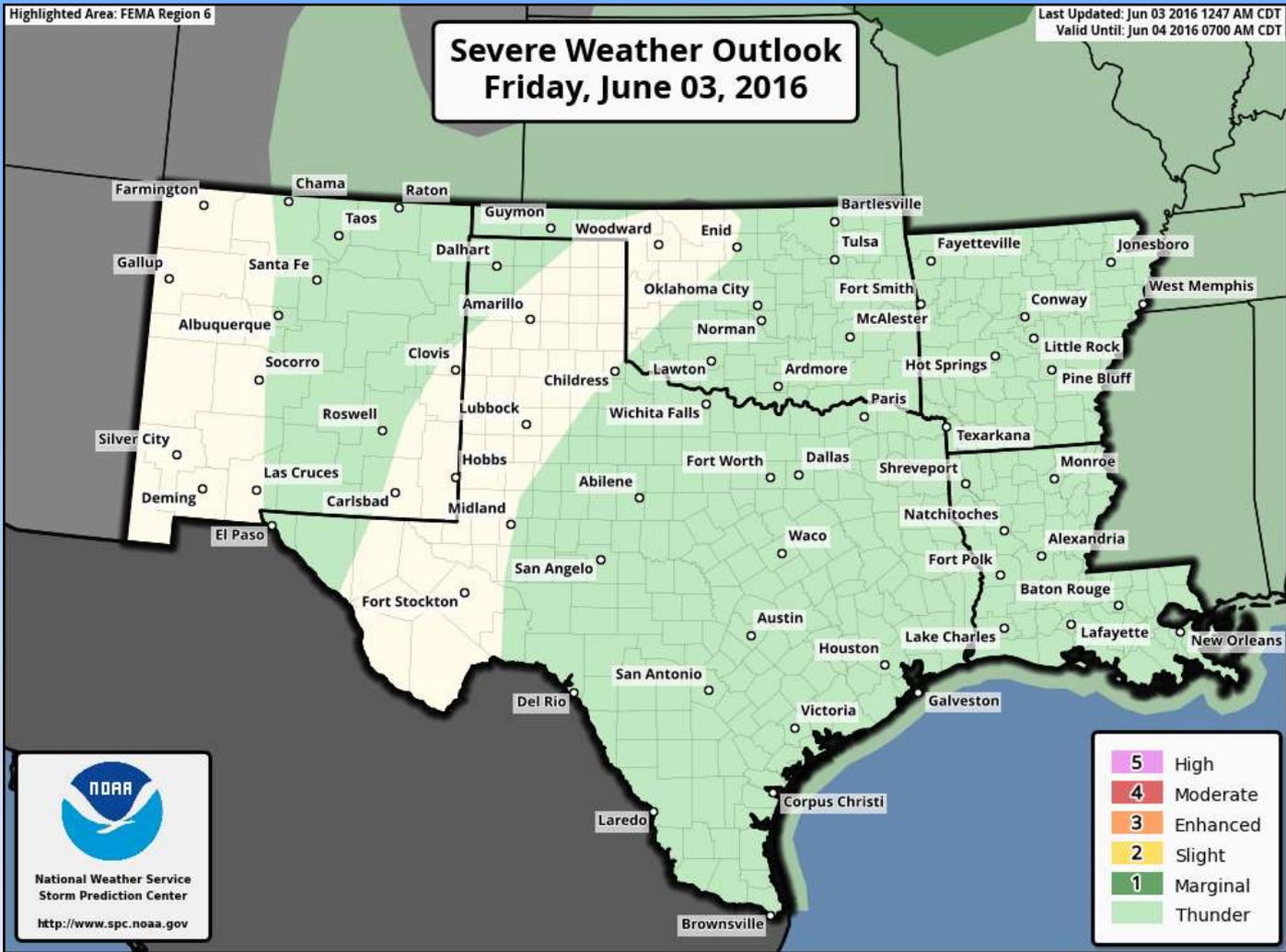
# Today's Severe Weather Outlook

Highlighted Area: FEMA Region 6

Last Updated: Jun 03 2016 1247 AM CDT  
Valid Until: Jun 04 2016 0700 AM CDT

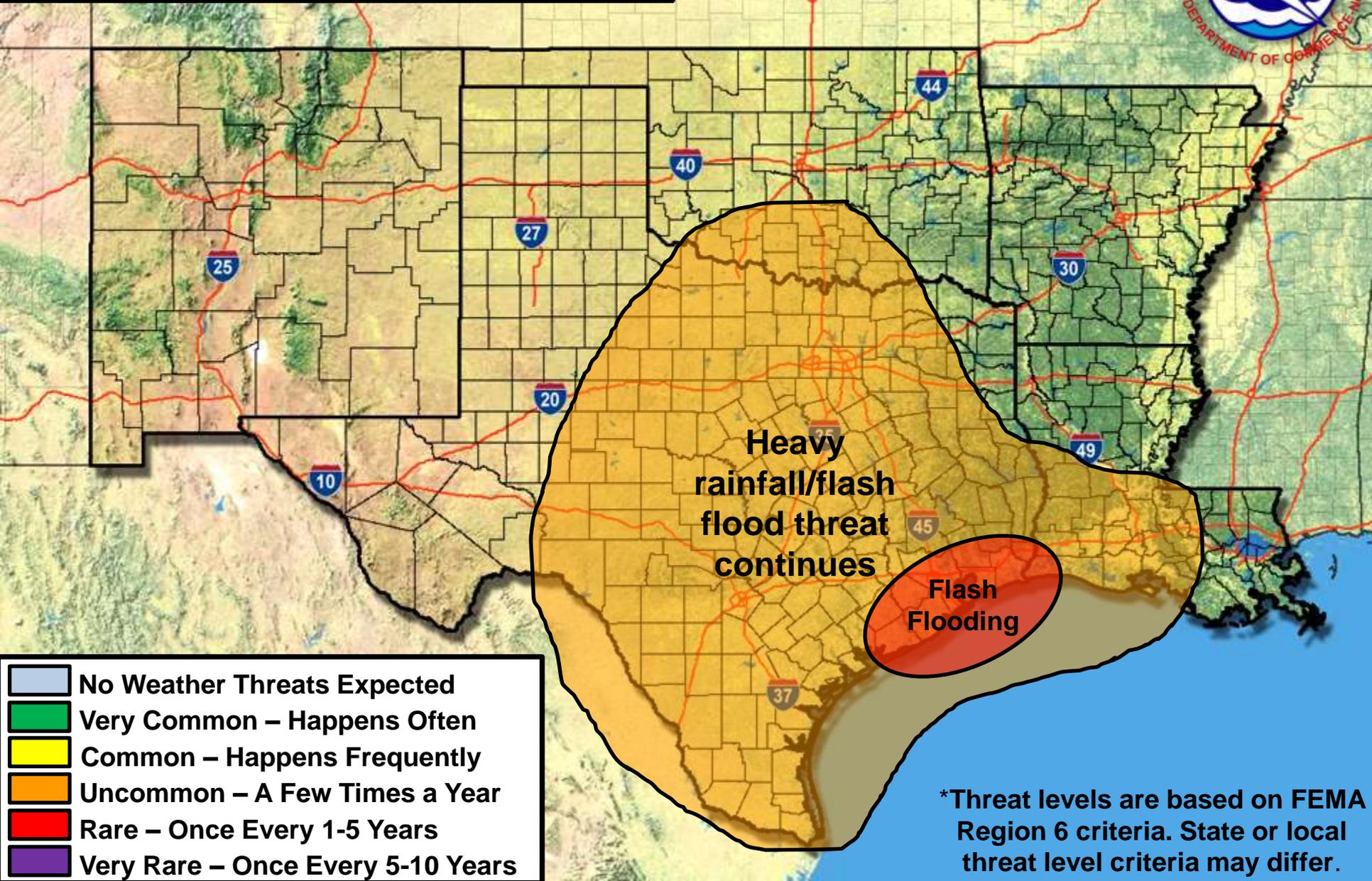
**Severe Weather Outlook  
Friday, June 03, 2016**

**Severe weather  
not expected.**



# Day 1 Weather Hazards

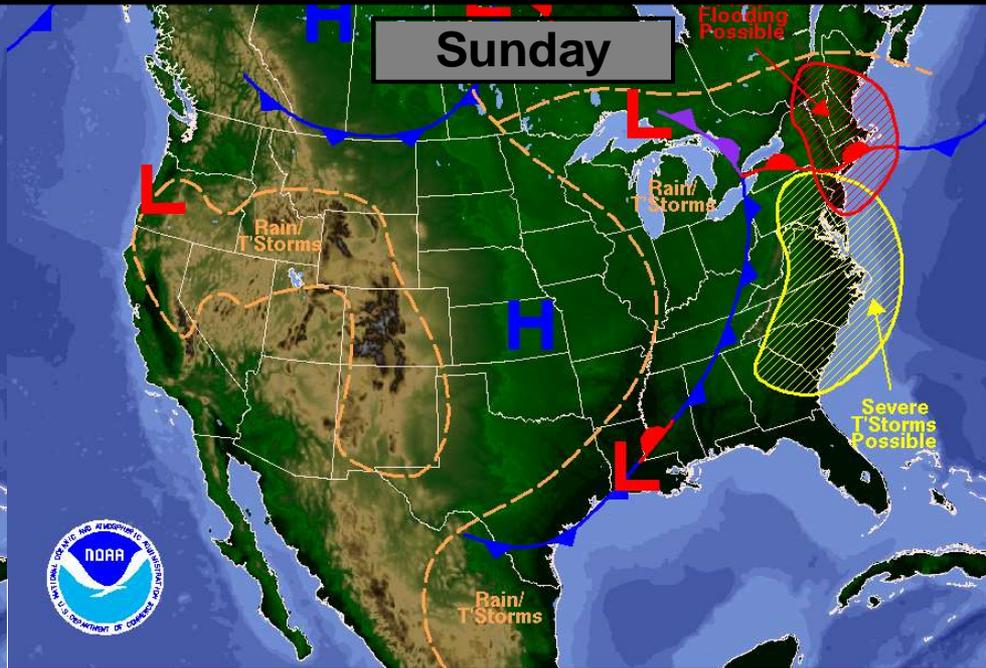
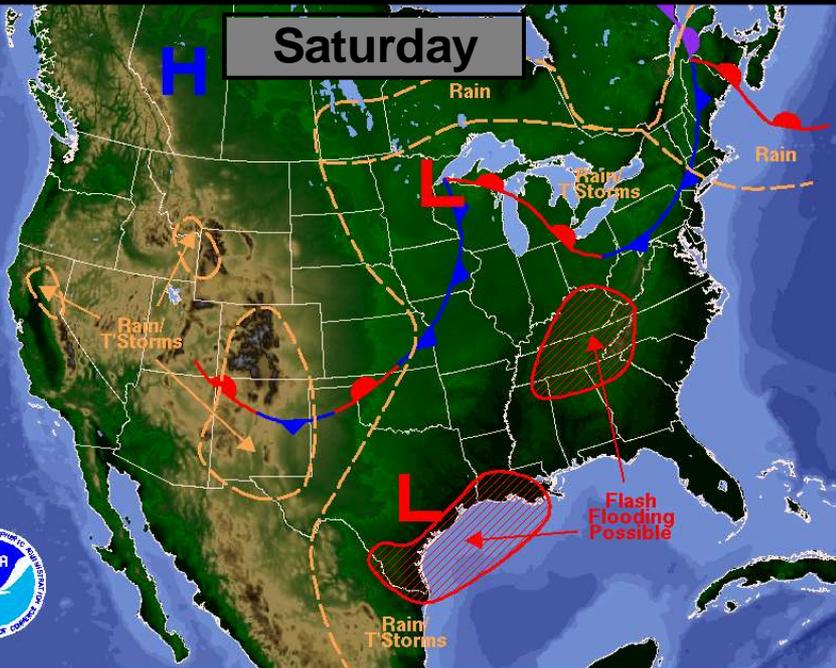
Valid: 0800 Fri - 0800 Sat



- 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

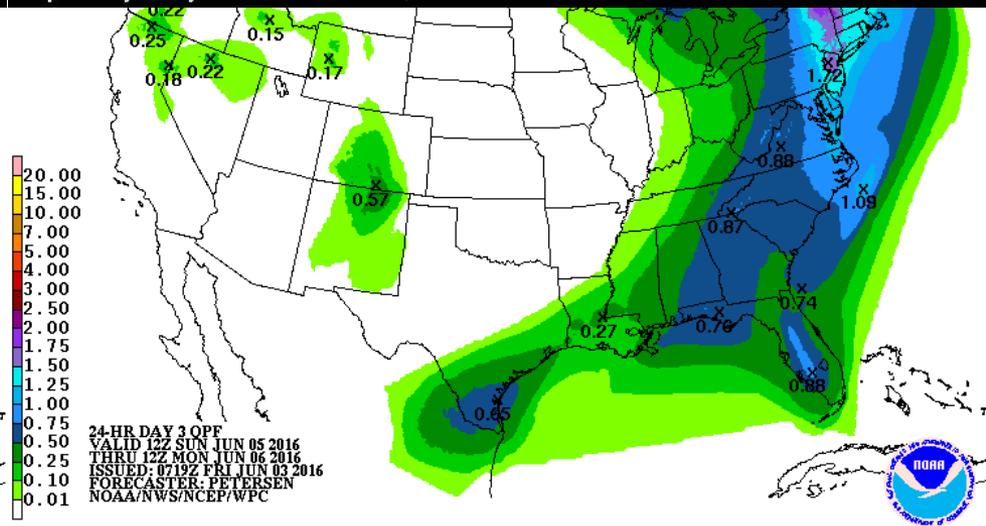
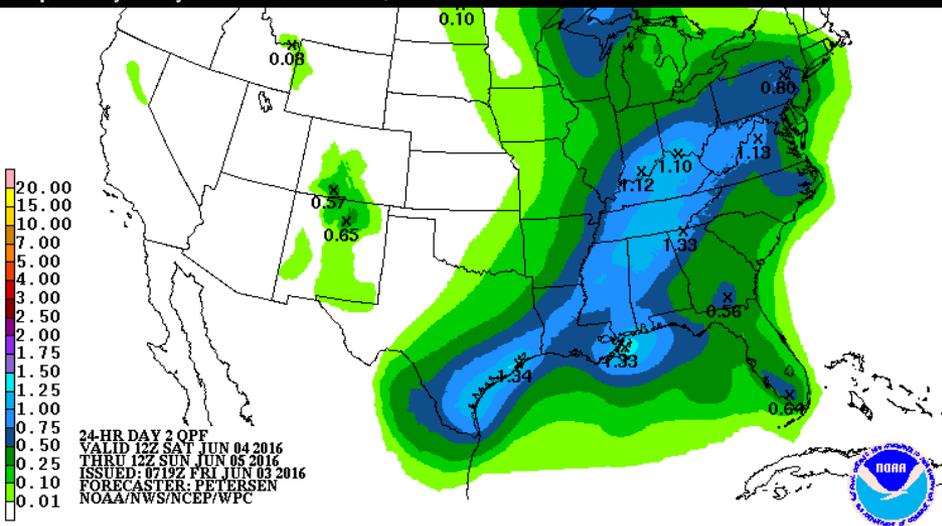
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

# Day 2-3 Weather Maps/Precipitation



Weather Forecast for Sat, Jun 04, 2016, issued 4:48 AM EDT Fri, Jun 03, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

Weather Forecast for Sun, Jun 05, 2016, issued 4:51 AM EDT Fri, Jun 03, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



24-HR DAY 2 OPF  
 VALID 12Z SAT JUN 04 2016  
 THRU 12Z SUN JUN 05 2016  
 ISSUED: 0719Z FRI JUN 03 2016  
 FORECASTER: PETERSEN  
 NOAA/NWS/NCEP/WPC

24-HR DAY 3 OPF  
 VALID 12Z SUN JUN 05 2016  
 THRU 12Z MON JUN 06 2016  
 ISSUED: 0719Z FRI JUN 03 2016  
 FORECASTER: PETERSEN  
 NOAA/NWS/NCEP/WPC

# Days 2 & 3 Severe Weather Outlook

Thunderstorms across the Region on Saturday but severe storms are not expected.

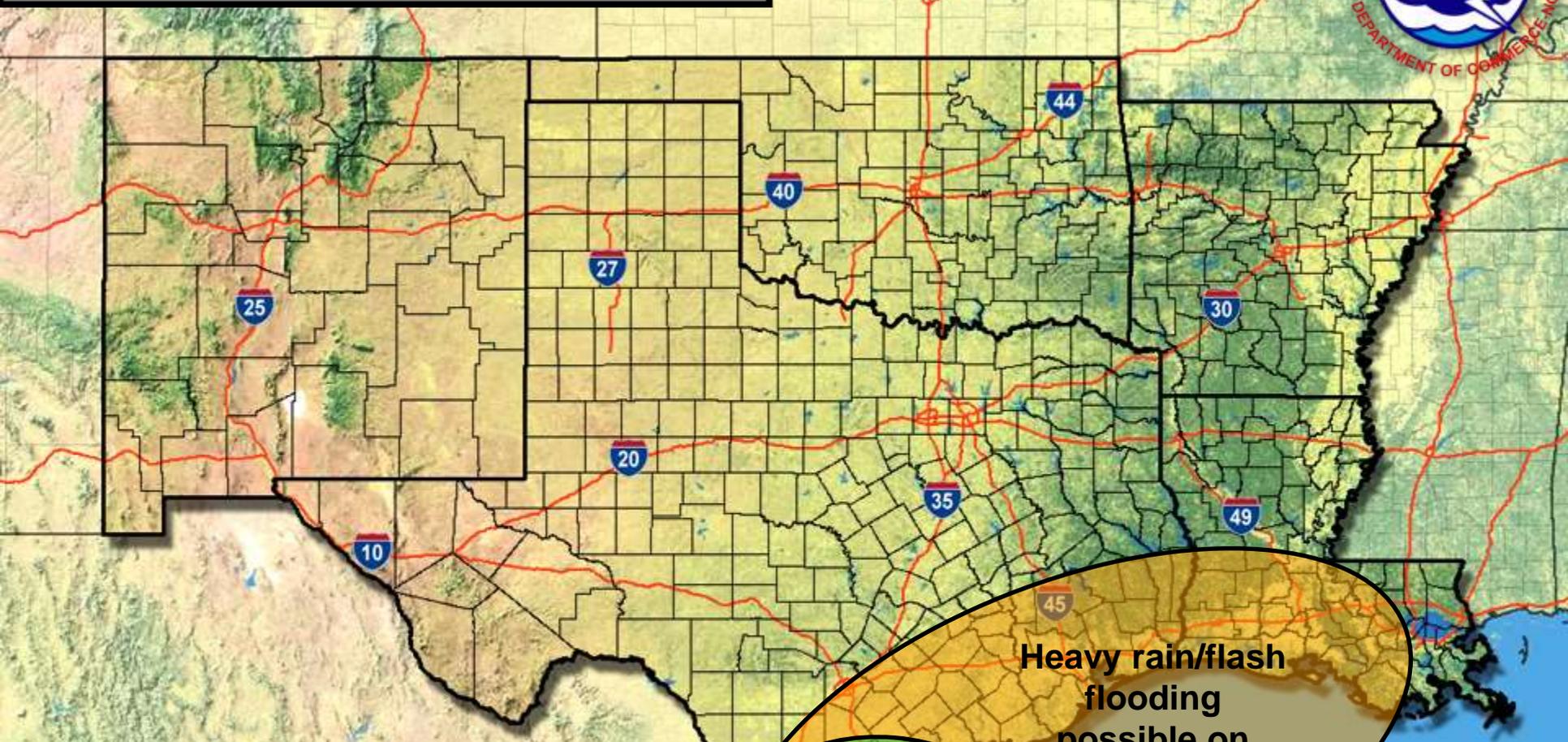


Thunderstorms across the Region on Sunday but severe storms are generally not expected.



# Day 2-3 Weather Hazards

Valid: 0800 Sat - 0800 Mon



- 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

Heavy rain/flash flooding possible on Saturday

Some heavy rainfall possible on Sunday

\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

# Day 4-5 Weather Hazards

Valid: 0800 Mon - 0800 Wed

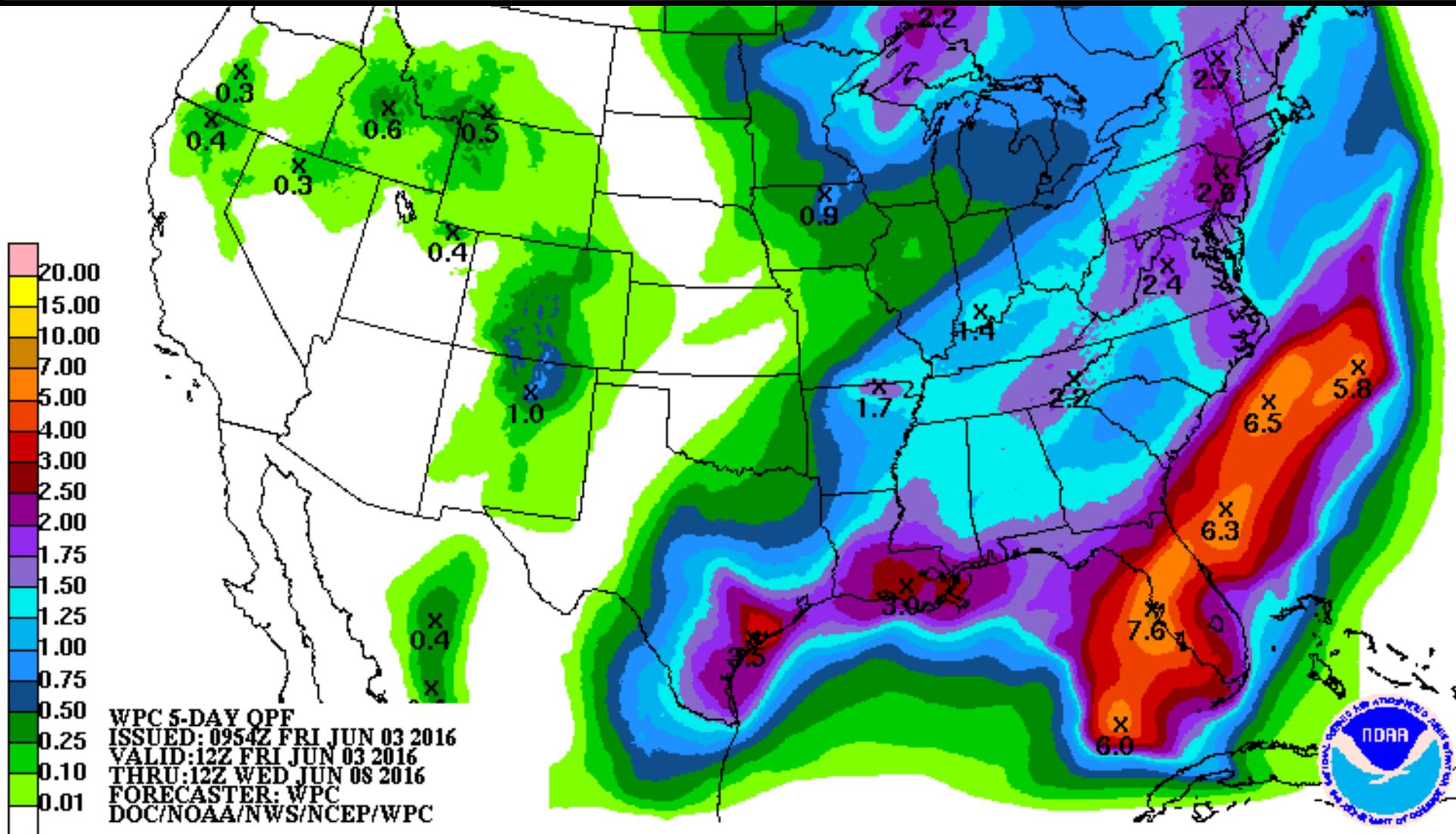


Other than ongoing river flooding, no significant weather threats expected

-  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.

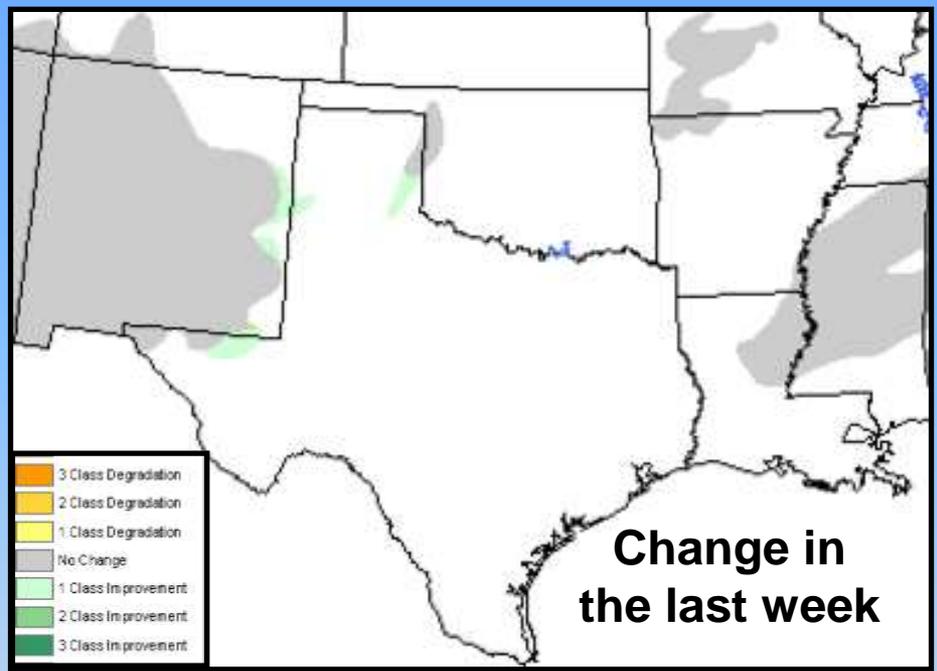
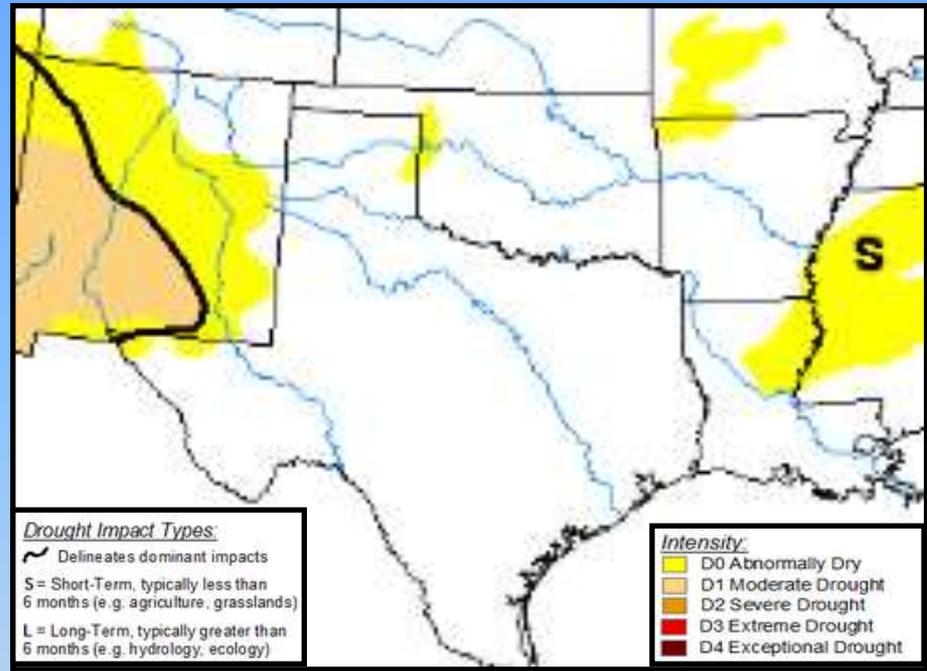
# 5-Day Precipitation Fri AM - Wed AM





# Drought Monitor Released June 2, 2016

Data valid as of 7am CDT, Tuesday May 28, 2016



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

# Space Weather 3-Day Forecast



	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Moderate (G2) Storm (Max Kp = 6)	Unsettled to Active (Max Kp = 4)
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](#)

G2

Moderate Geomagnetic Storm Watch in Effect:  
4 June UTC-day

**PRIMARY AREA of IMPACTS**

Poleward of 55 deg geomagnetic latitude

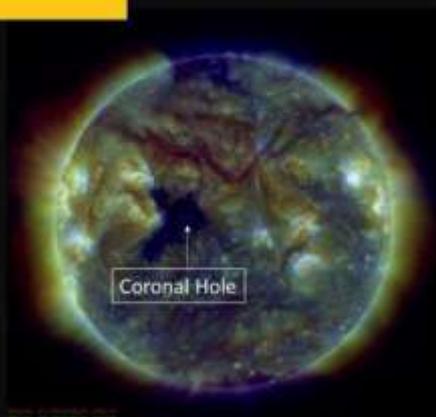
**POSSIBLE EFFECTS**

**Power Systems:** Power grid fluctuations; voltage alarms at higher latitudes

**Spacecraft:** Orientation irregularities; increased drag on low-Earth orbiters

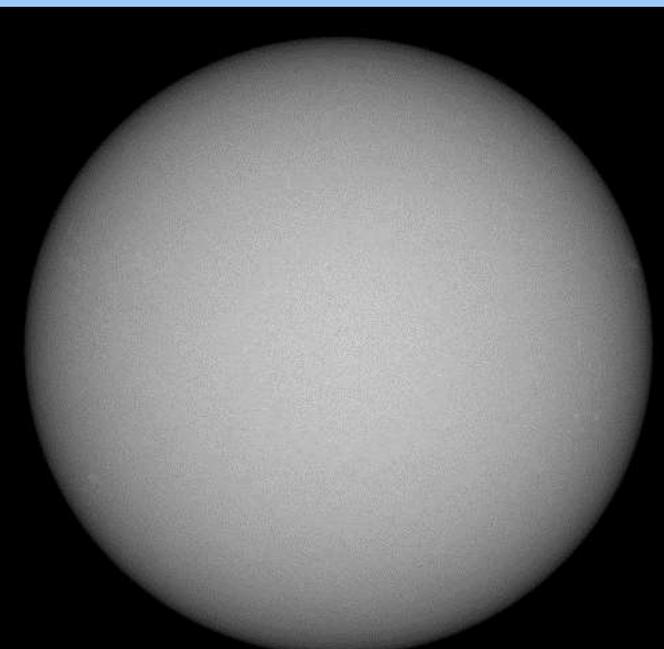
**Radio:** high-latitude HF propagation fades

**Other:** Aurora may be visible as low as New York to Wisconsin to Washington state



Coronal Hole

For updating aurora visibility information go to the SWPC aurora (OVATION-Prime) model:  
<http://www.swpc.noaa.gov/products/aurora-30-minute-forecast>



2016-06-03 09:10:00 UTC

Information provided by:



**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (817) 978-1100 x147

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.srh.noaa.gov>

facebook

<https://www.facebook.com/NWSSouthern> (**NEW link!!**)

twitter

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)

# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<p><b>Very Common</b></p> <p>Safety: Rarely a Direct Threat to Life and Property</p> <p>Impact Potential: Typically Results in Little Inconvenience to Daily Routines</p>	<p>Severe: Marginal Risk from SPC</p> <p>Flooding: Minor flooding expected over localized areas</p> <p>Tropical: None</p> <p>Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active</p>	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<p><b>Somewhat Common – Happens Frequently</b></p> <p>Safety: Rarely a Direct Threat to Life and Property</p> <p>Impact Potential: Typically Results in Some Inconvenience to Daily Life</p>	<p>Severe: Slight Risk from SPC</p> <p>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas</p> <p>Tropical: A weak tropical wave expected to move towards or near any coastline</p> <p>Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook</p>	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<p><b>Uncommon – A Few Times a Year</b></p> <p>Safety: Often Threatening to Life and Property, Some Damage Unavoidable</p> <p>Impact Potential: Typically Results in Minor Disruption to Daily Life</p>	<p>Severe: Enhanced Risk from SPC</p> <p>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas</p> <p>Tropical: A Tropical Storm expected to move towards or near any coastline</p> <p>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"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<p><b>Rare – Once every 1-5 Years</b></p> <p>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed</p> <p>Impact Potential: Will likely result in Large Disruption to Daily Life</p>	<p>Severe: Moderate Risk from SPC</p> <p>Flooding: Moderate flooding expected over a widespread area (including urban locations)</p> <p>Tropical: A Hurricane expected to move towards or near any coastline</p> <p>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"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<p><b>Very Rare – Once Every 5-10 Years</b></p> <p>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed</p> <p>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life</p>	<p>Severe: High Risk from SPC</p> <p>Flooding: Major flooding expected over a widespread area (including urban locations)</p> <p>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline</p> <p>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"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>