



# 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, July 15, 2016

Issued: 0800 CT

**Day 1 Weather Hazards:** *Slight risk of severe storms over northern/western OK and the TX Panhandle*

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



**Prepared by: Mark Wiley**  
**817-978-1100 x 147**

# Key Points



## Today

- Slight risk of severe storms over northern/western OK and the TX Panhandle
  - Damaging winds main threat
- Isolated strong to severe storms over N TX, OK, NE NM and AR with damaging winds and locally heavy rainfall
- Heat index 105-110 across much of the eastern half of the Region

## Saturday – Tuesday

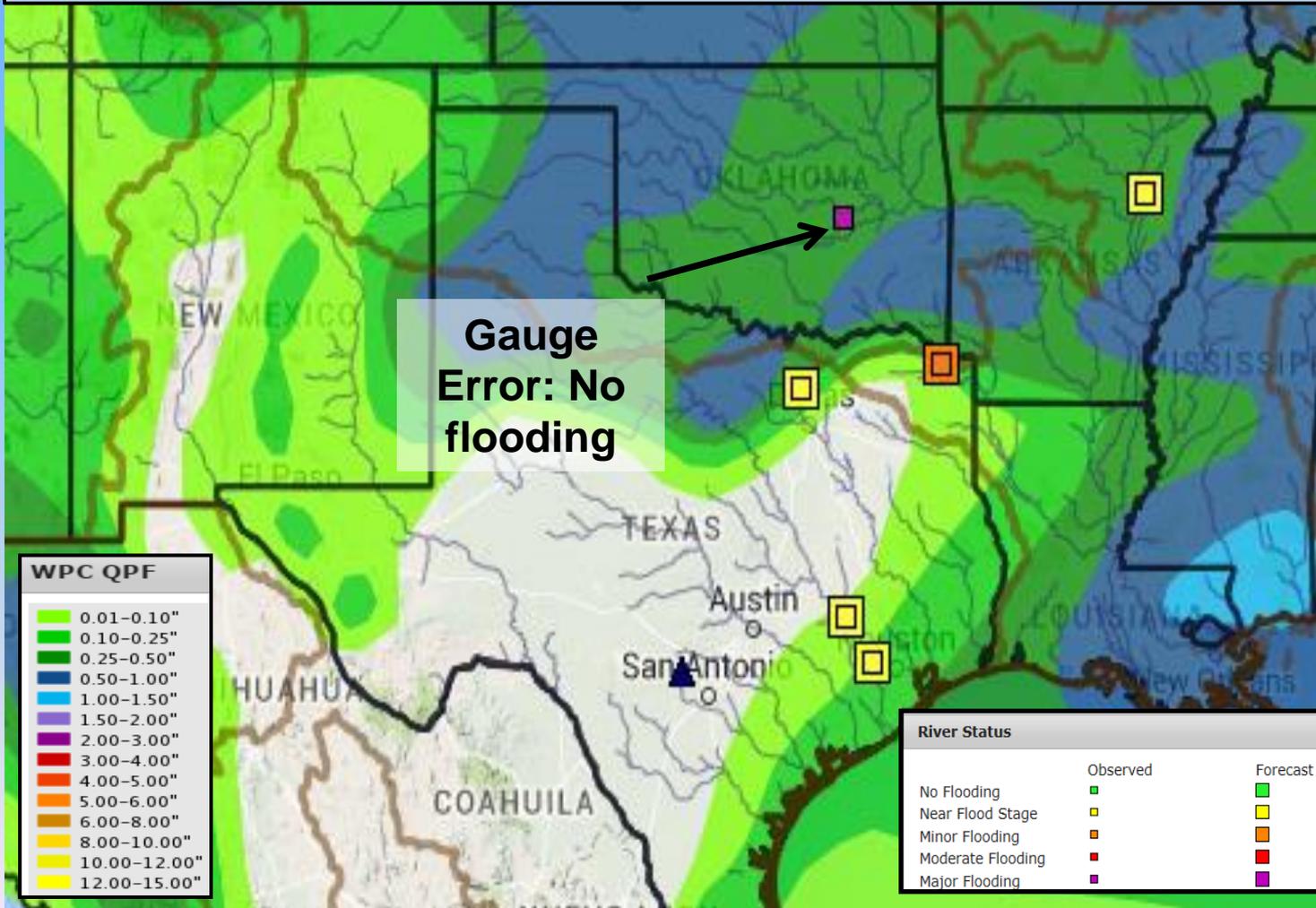
- A few strong to severe thunderstorms over AR and NE LA on Saturday
  - Damaging winds possible
- Otherwise...no significant severe weather and/or flash flooding expected
- Heat index 105-110 across much of the eastern half of the Region

## Tropical Outlook

- No new tropical development expected in the next five days

# River Flood Status/5 Day Forecast Rainfall

Only one location in TX remains in minor flood stage; no significant impacts  
River flooding not expected to develop



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

# \*FEMA Region 6 Threat Matrix

Jul 15, 2016 - Jul 19, 2016

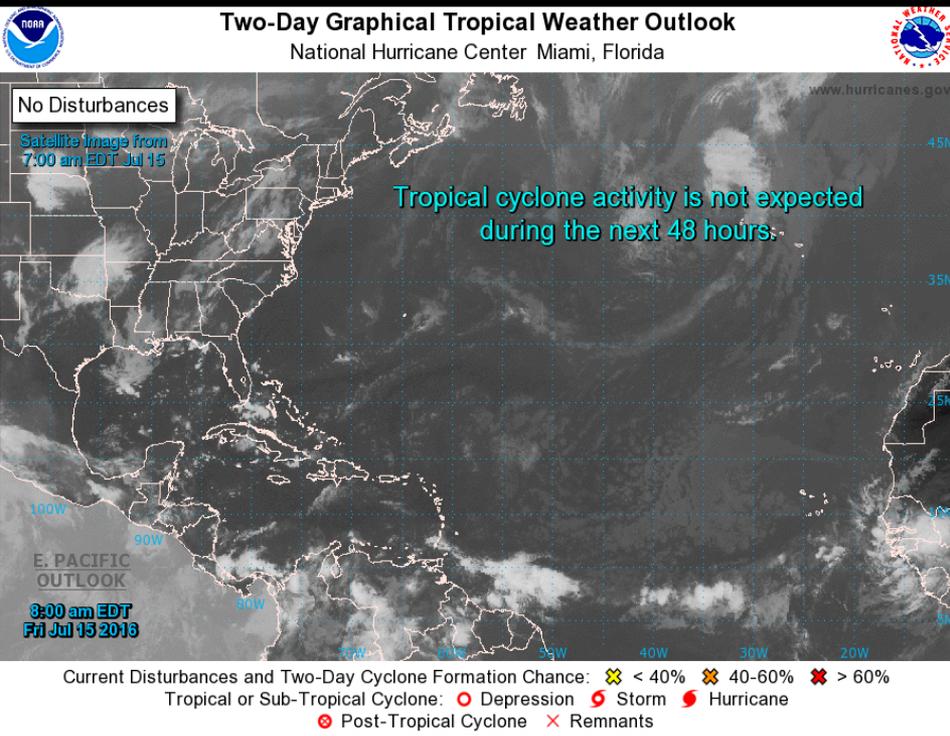
DAY/ THREAT	FRI	SAT	SUN	MON	TUE
Severe Weather	Northern/western OK, TX Panhandle	AR, NE LA			
	OK, AR, E NM, N TX				
Heavy Rain/Flash Flooding	W OK, NE TX Panhandle, N TX				
Fire Weather					
Heat	Much of the Region	Eastern Portions of the Region	Eastern Portions of the Region	Eastern Portions of the Region	Eastern Portions of the Region
River Flooding					

	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



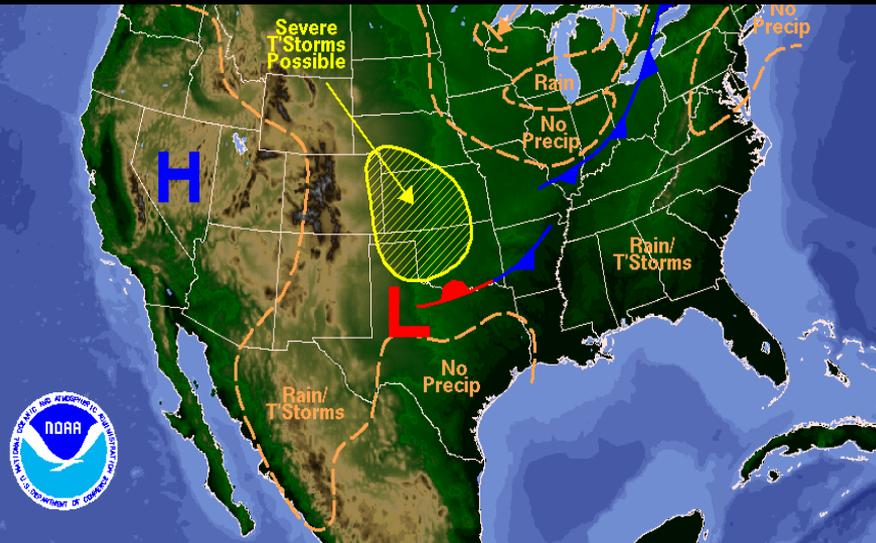
**No new tropical systems expected to develop over the next five days**



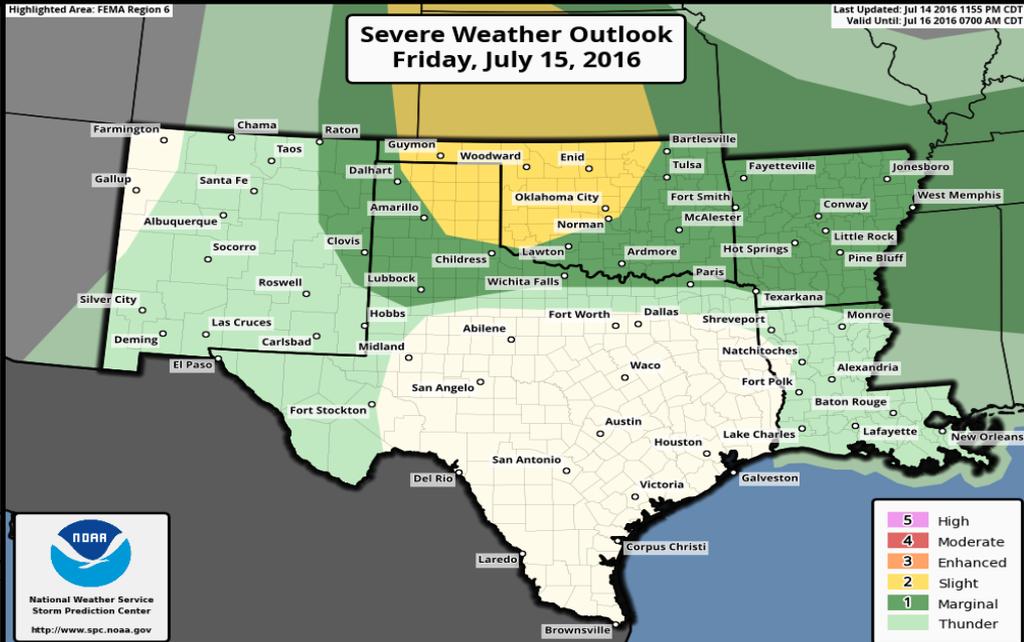
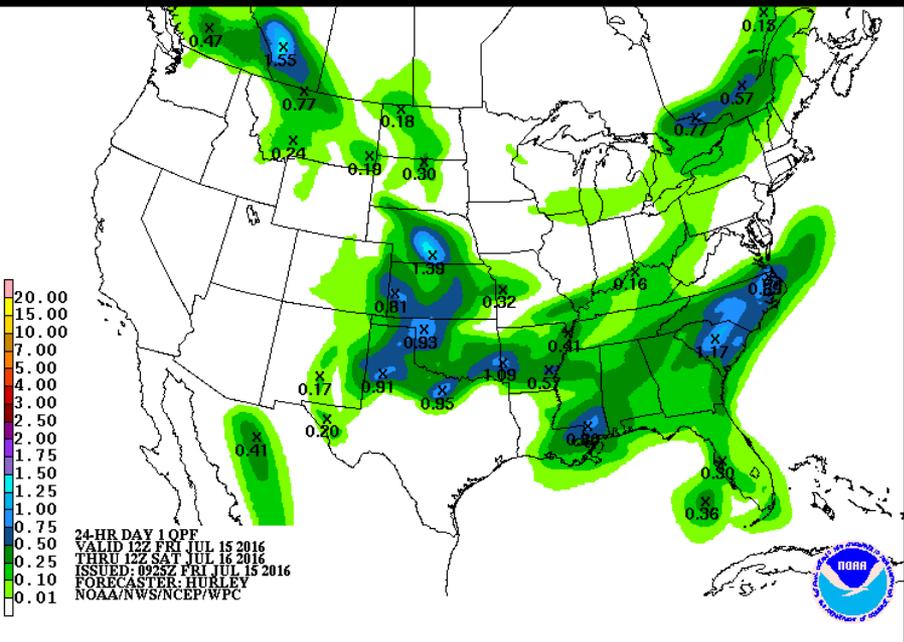
# Today's Weather

Slight risk of severe storms over N/W OK, TX Panhandle; damaging winds, large hail and locally heavy rainfall are the main threats.

Marginal risk of severe storms over OK, E NM, N TX and AR; damaging winds, large hail and locally heavy rainfall are the main threats.



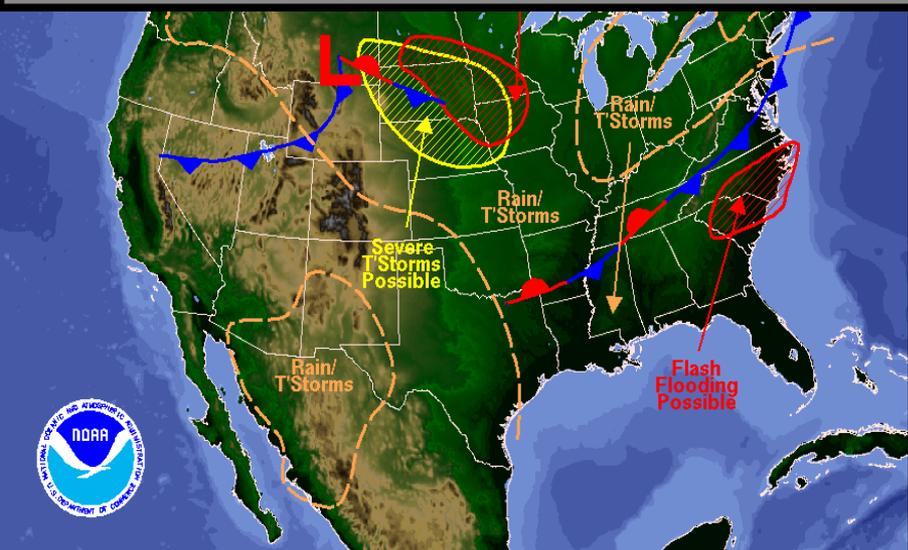
Weather Forecast for Fri Jul 15, 2016, issued 4:36 AM EDT  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Mc Reynolds based on WPC, SPC and NHC forecasts



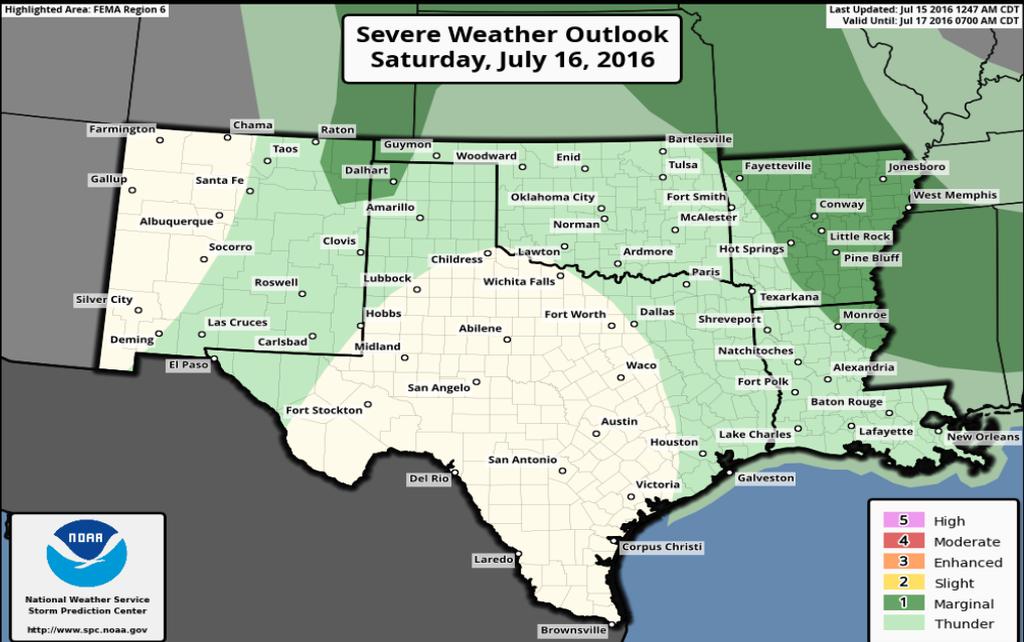
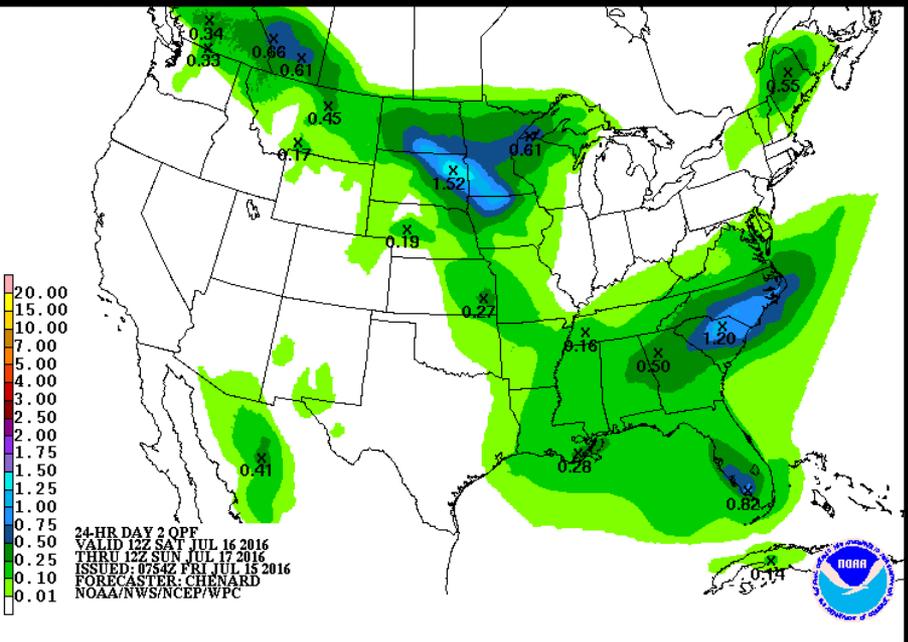
# Tomorrow's Weather

Marginal risk of severe storms over AR, NE LA and NE NM; damaging winds main threat

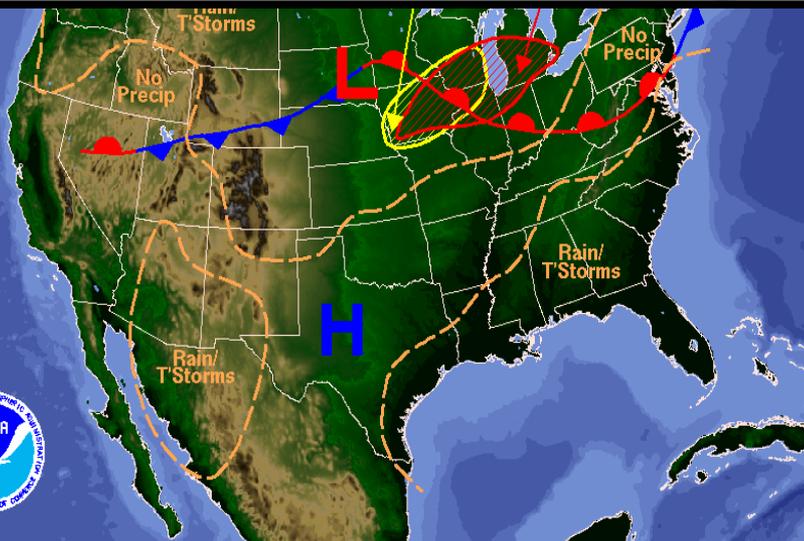
Elevated temperatures over much of the Region.



Weather Forecast for Sat, Jul 16, 2016, issued 4:40 AM EDT Fri, Jul 15, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



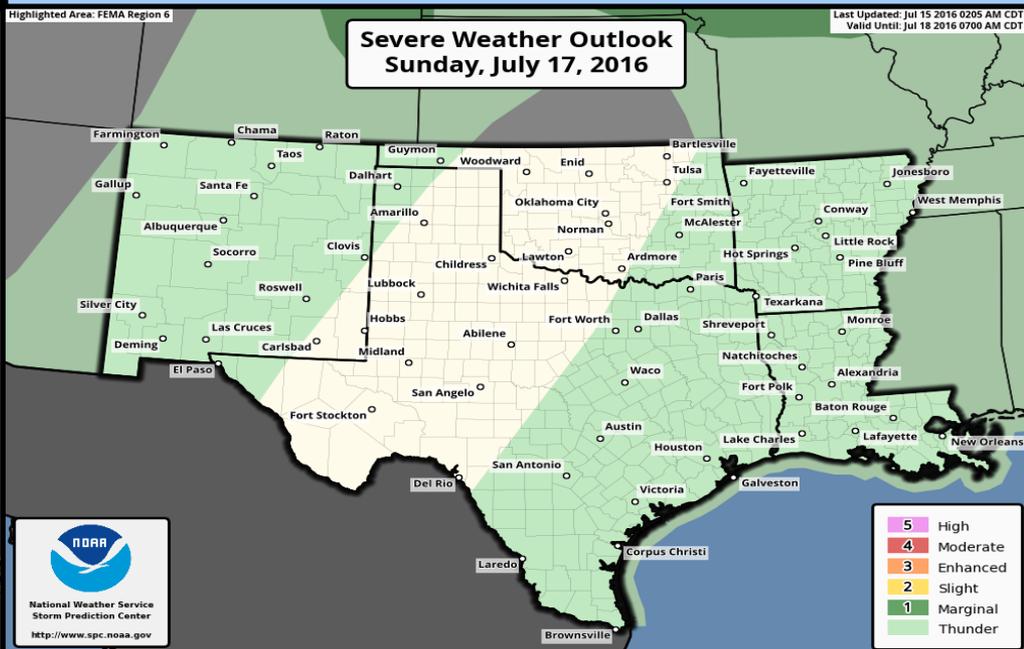
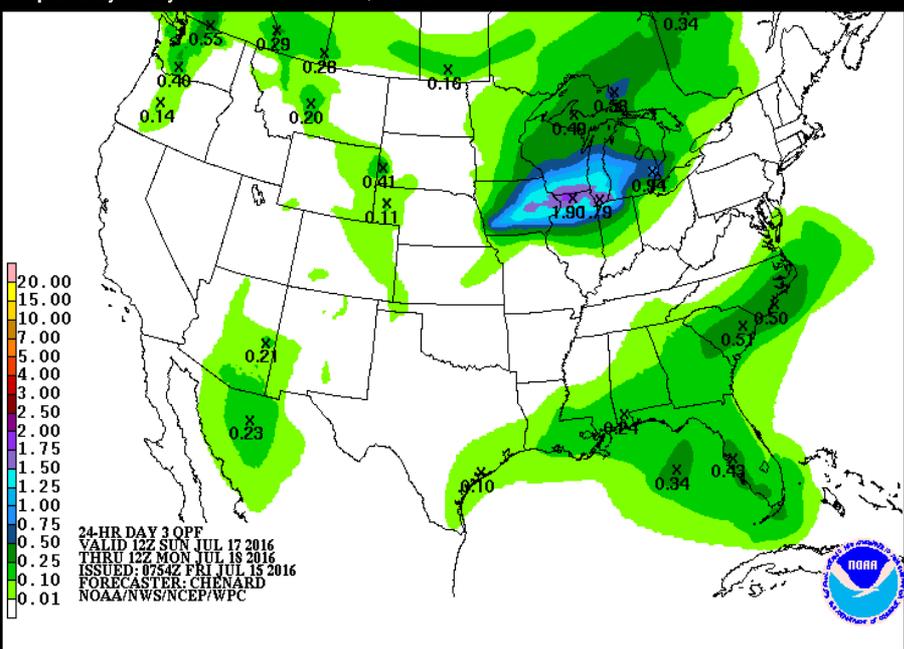
# Sunday's Weather



Weather Forecast for Sun, Jul 17, 2016, issued 4:43 AM EDT Fri, Jul 15, 2016  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

While storms will be found across the FEMA Region 6 during the afternoon/evening hours, severe weather and/or flooding not expected.

Elevated temperatures over much of the Region.



# Day 4-5 Weather Hazards

Valid: 0800 Mon - 0800 Wed



Elevated temperatures over the eastern half of the Region, otherwise no significant weather hazards expected.

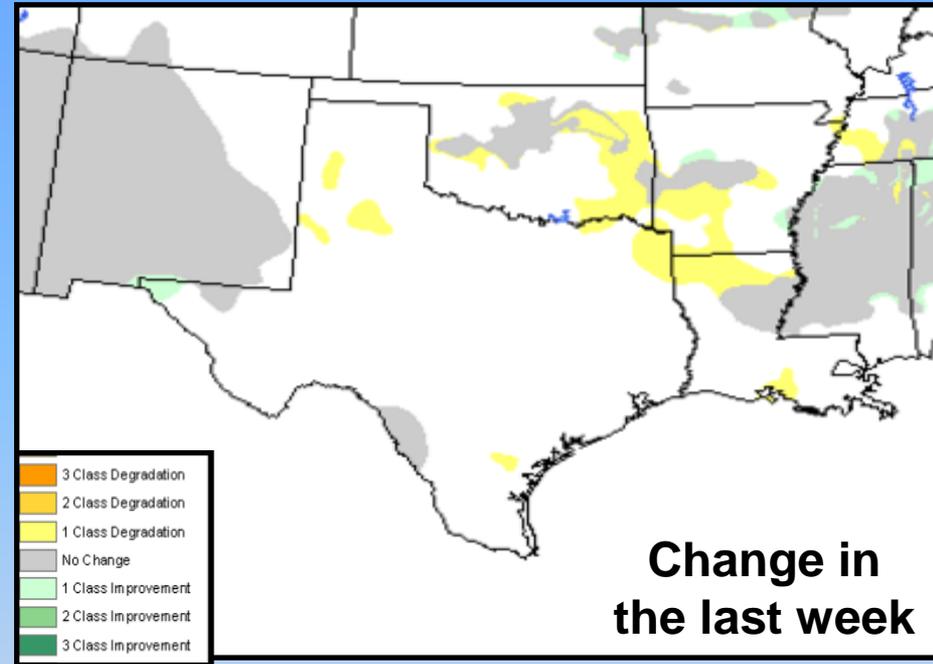
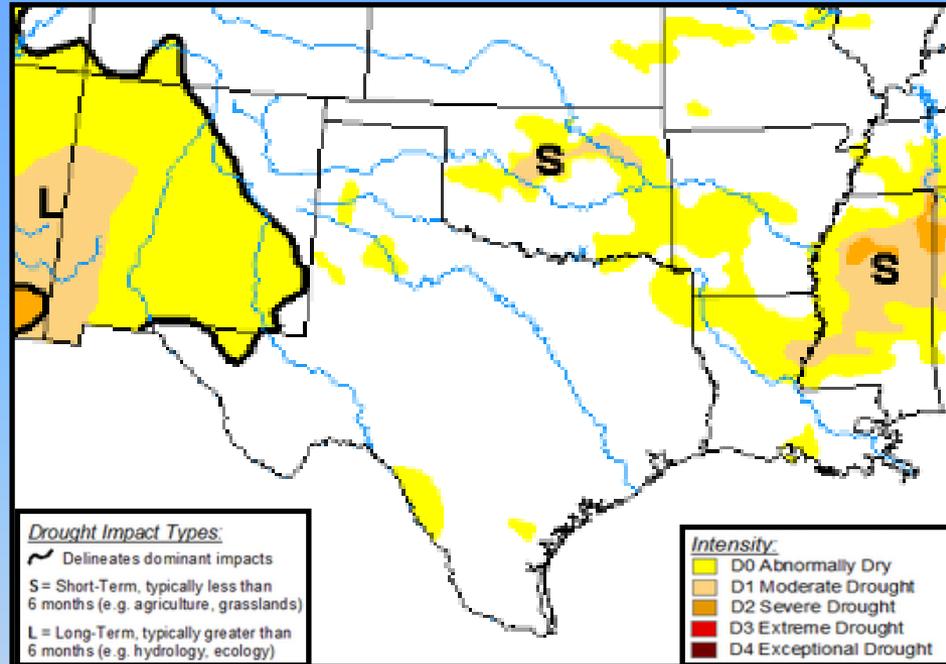
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

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



# Drought Monitor Released July 14, 2016

Data valid as of 7am CDT, Tuesday July 12 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%

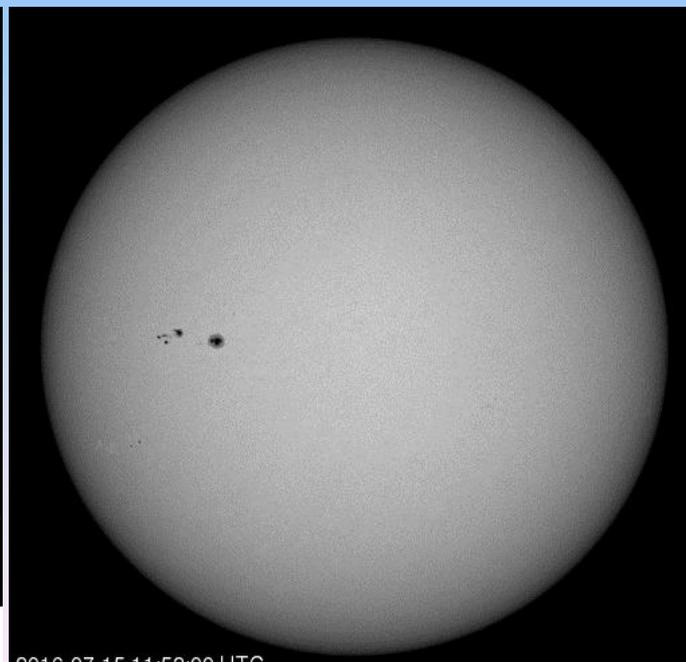
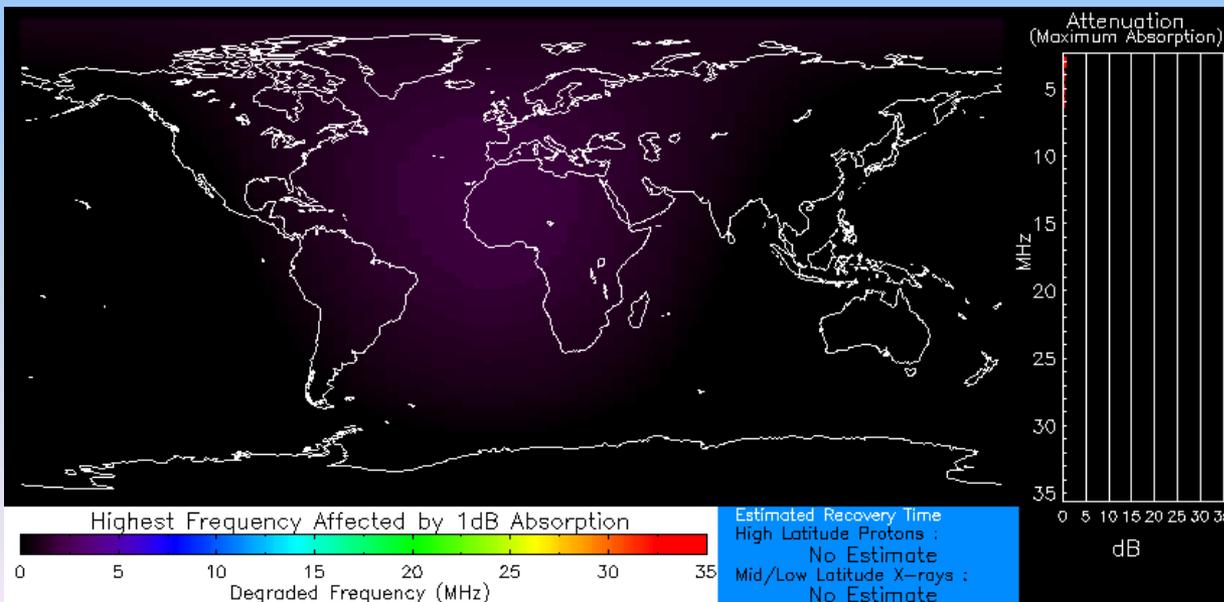
# Space Weather 3-Day Forecast



	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet to Unsettled (Max Kp =3)	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](#)



Normal X-ray Background  
 Product Valid At : 2016-07-15 12:31 UTC

Normal Proton Background  
 NOAA/SWPC Boulder, CO USA

2016-07-15 11:52:00 UTC

Information provided by:



**National Weather Service**  
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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>