



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

Thursday, July 21, 2016

Issued: 0800 CT

Day 1 Weather Hazards: Heat advisories continue over eastern portions of the Region.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Brian Hoeth
817-978-1100 x 147**



Key Points

Today through Monday

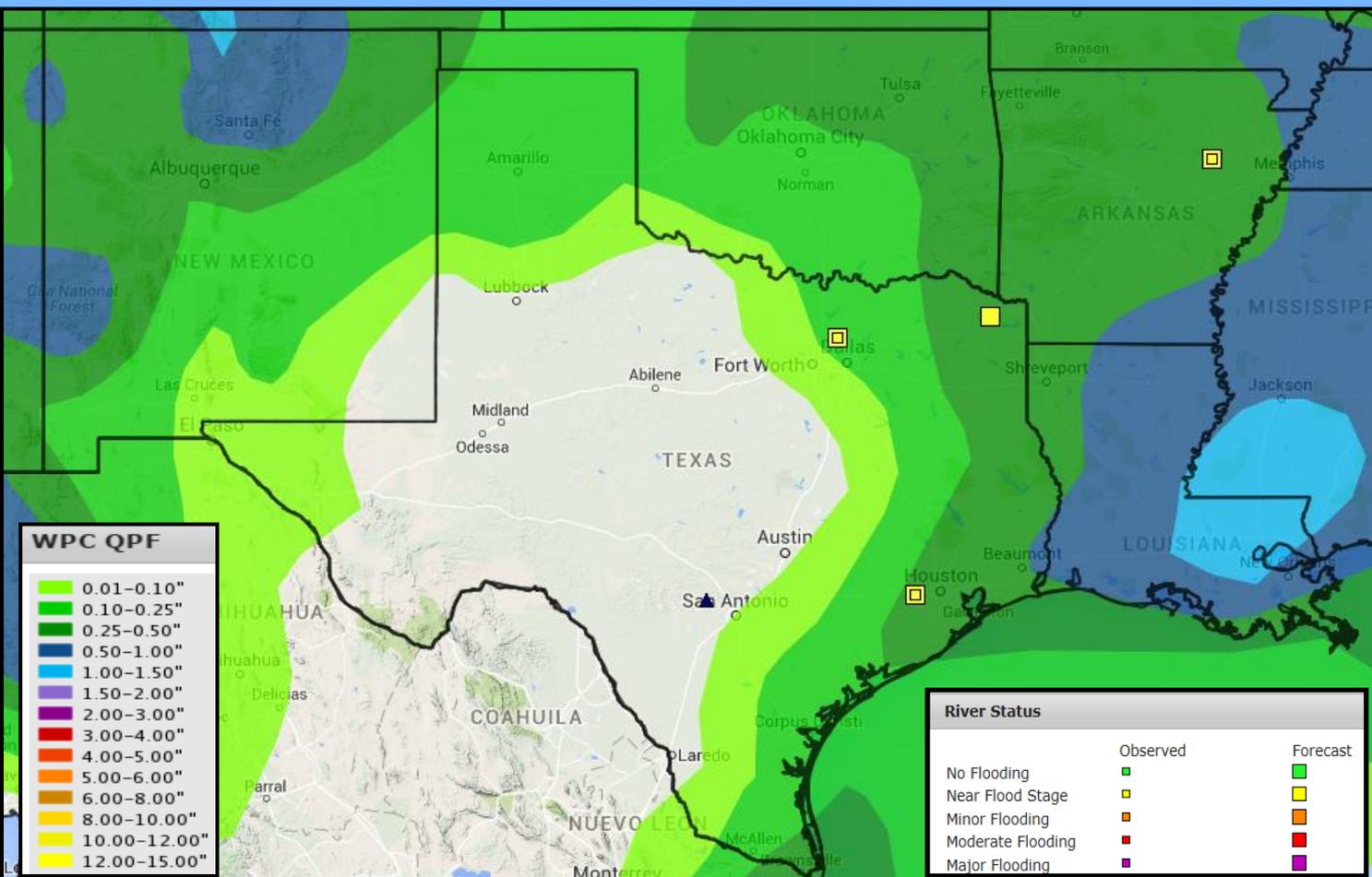
- Heat index values of 104+ degrees across the eastern half of the Region
- Showers and storms possible each day across portions of NM and eastern portions of the Region, but widespread severe weather and/or flooding is not expected

Tropical Outlook

- No new tropical development expected in the next five days

River Flood Status/5 Day Forecast Rainfall

No significant river flooding is occurring or expected.



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

Jul 21, 2016 - Jul 25, 2016

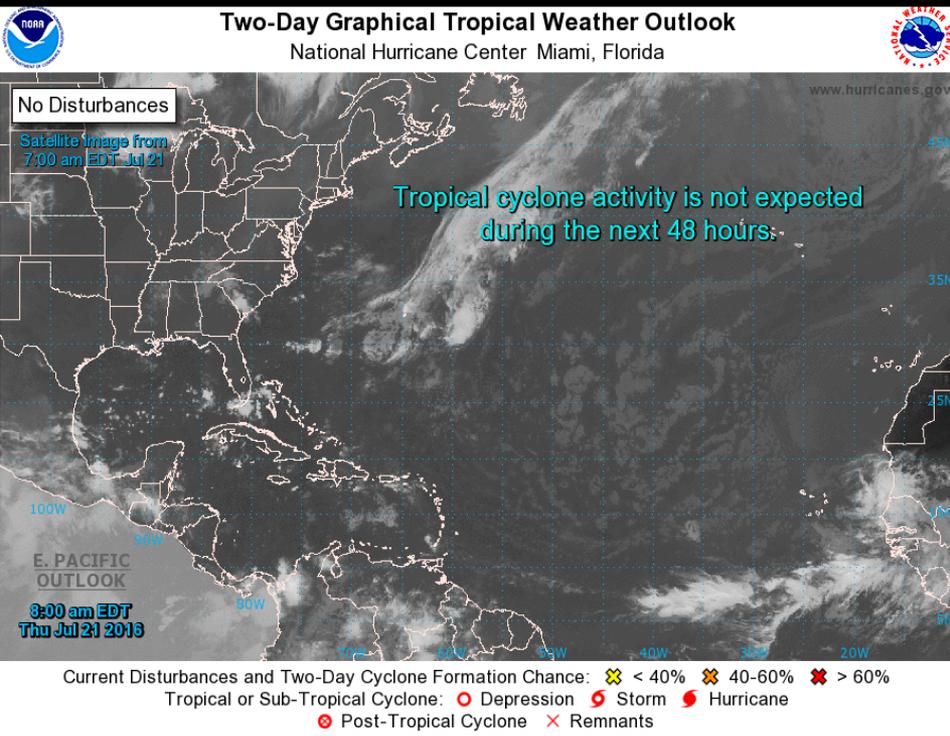
DAY/ THREAT	THU	FRI	SAT	SUN	MON
Severe Weather					
Heavy Rain/ Flash Flooding					
Fire Weather					
Heat	Eastern half of the Region				
River Flooding					

	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

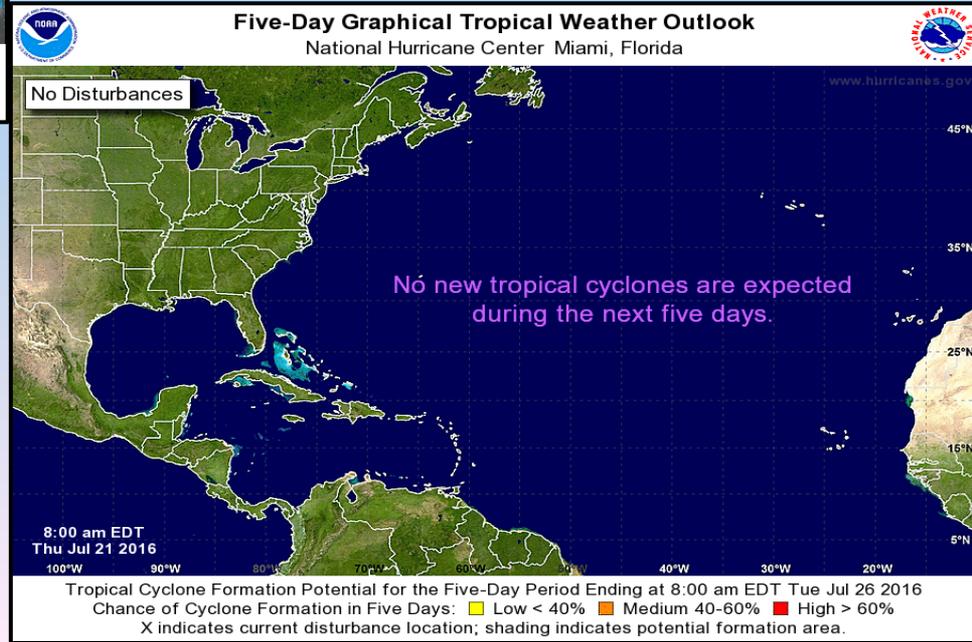
For more details on the colors in the threat matrix refer to the last slide in this briefing.



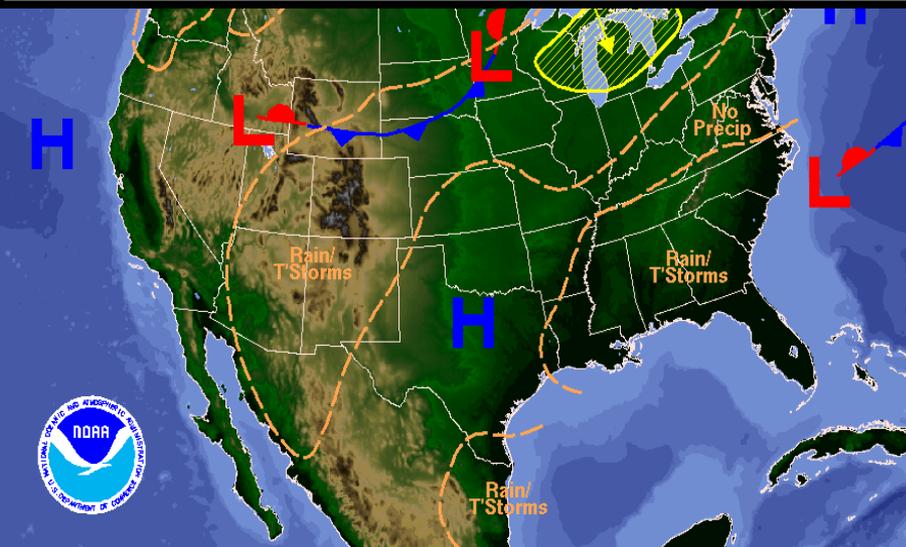
Tropical Weather Outlook



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

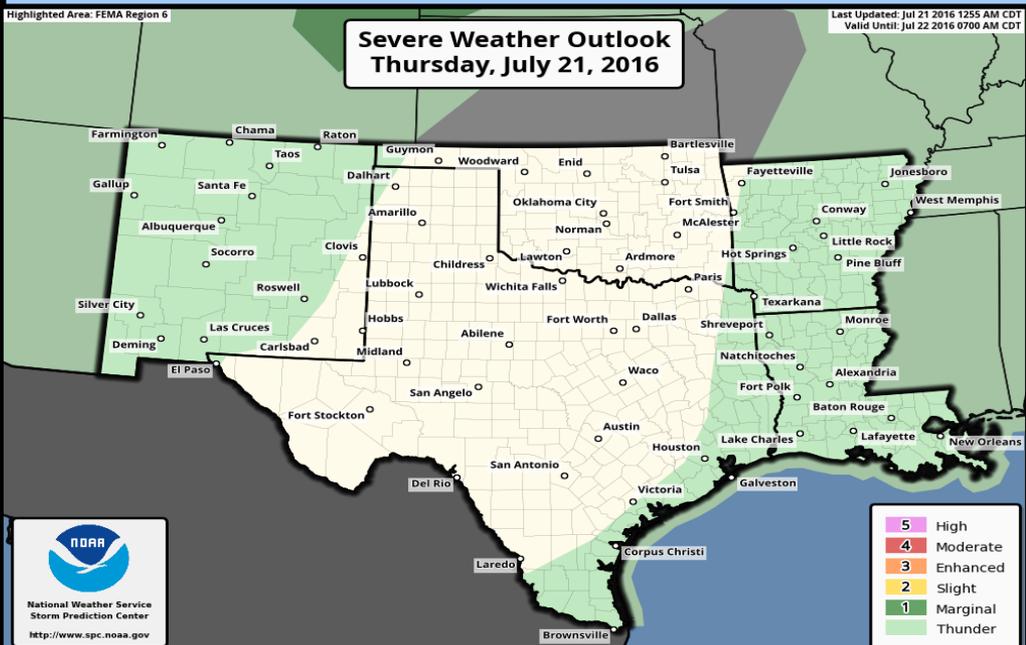
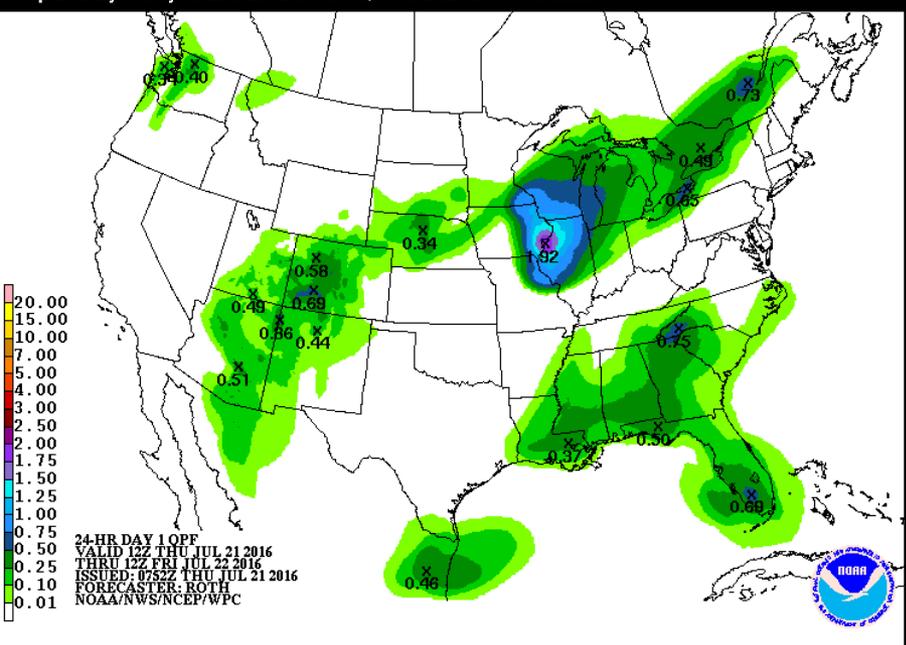


Today's Weather

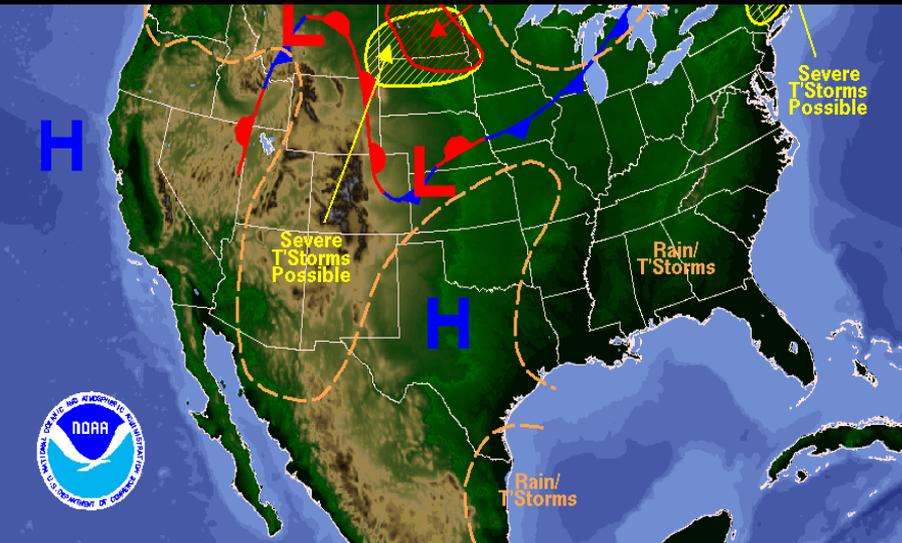


Afternoon heat index values of 104+ degrees across the eastern half of the Region.

Weather Forecast for Thu, Jul 21, 2016, issued 4:41 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

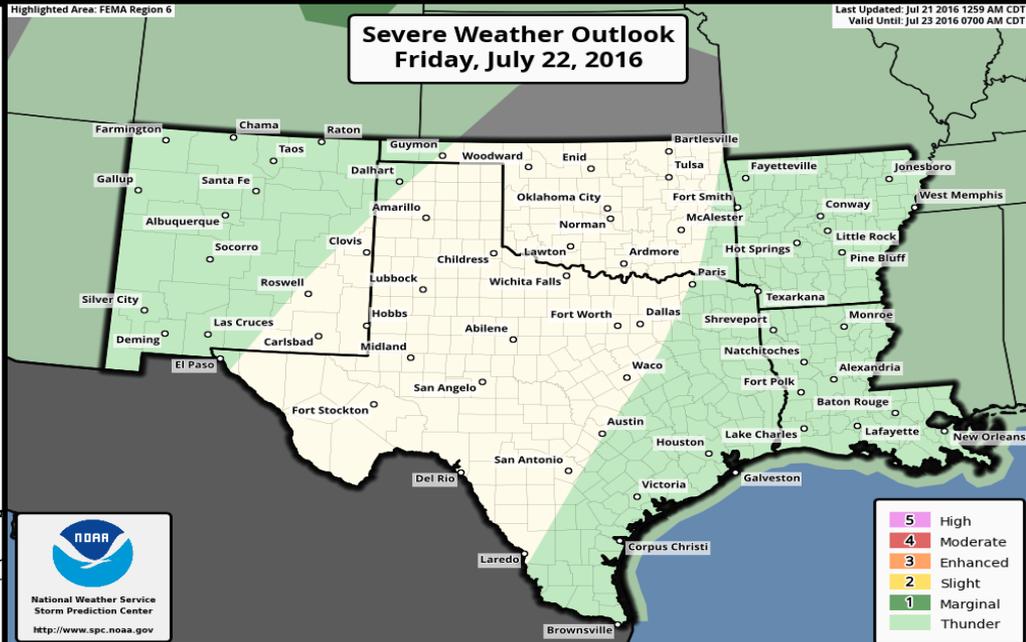
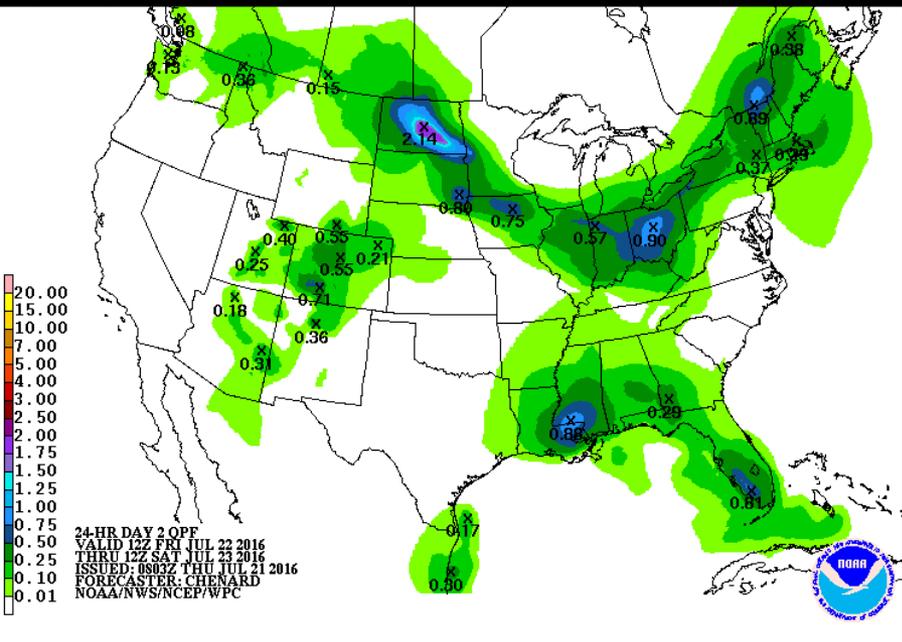


Tomorrow's Weather



Afternoon heat index values of 104+ degrees across the eastern half of the Region.

Weather Forecast for Fri, Jul 22, 2016, issued 4:45 AM EDT Thu, Jul 21, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



Highlighted Area: FEMA Region 6

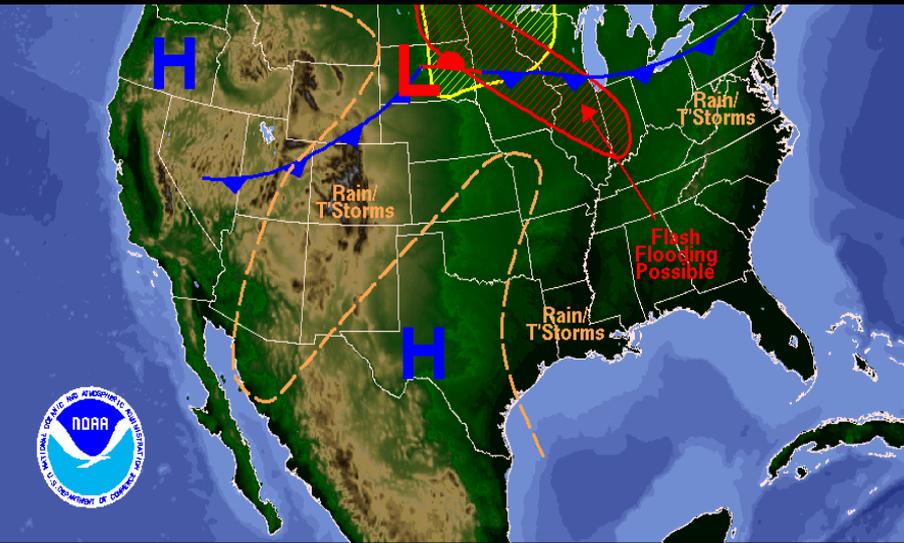
Last Updated: Jul 21 2016 12:59 AM CDT
 Valid Until: Jul 23 2016 07:00 AM CDT

Severe Weather Outlook Friday, July 22, 2016

- 5 High
- 4 Moderate
- 3 Enhanced
- 2 Slight
- 1 Marginal
- Thunder

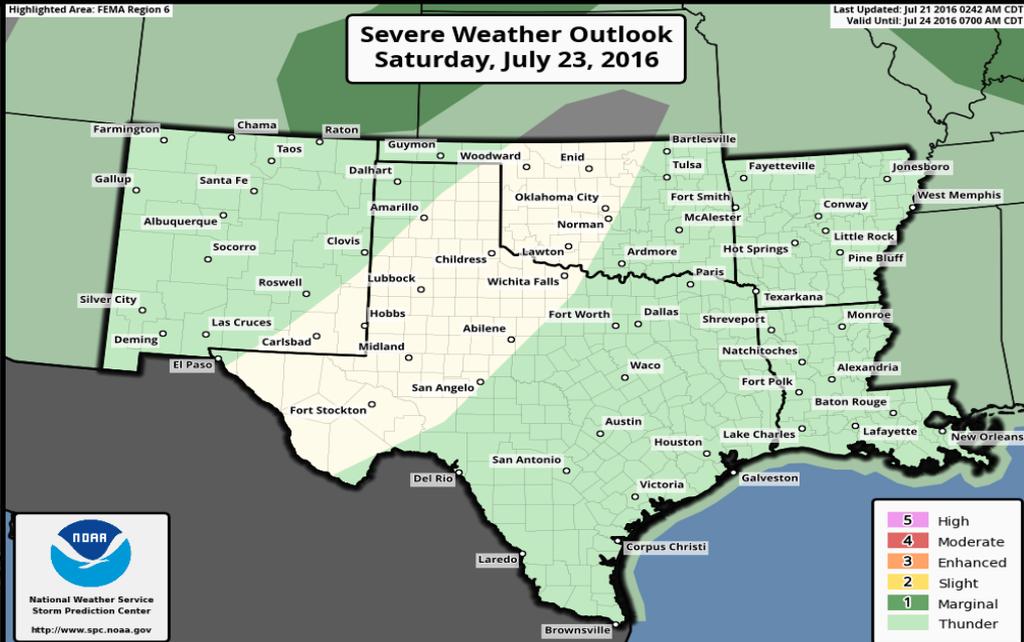
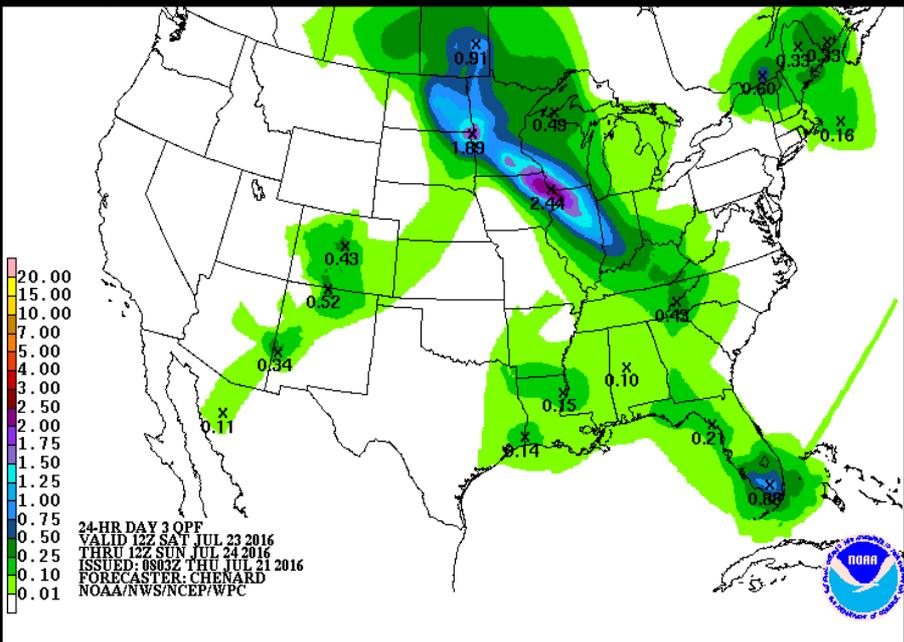


Saturday's Weather



Afternoon heat index values of 104+ degrees across the eastern half of the Region.

Weather Forecast for Sat, Jul 23, 2016, issued 4:48 AM EDT Thu, Jul 21, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts



Day 4-5 Weather Hazards

Valid: 0800 Sun - 0800 Tue



Afternoon heat index values of 104+ degrees across the eastern half of the Region.

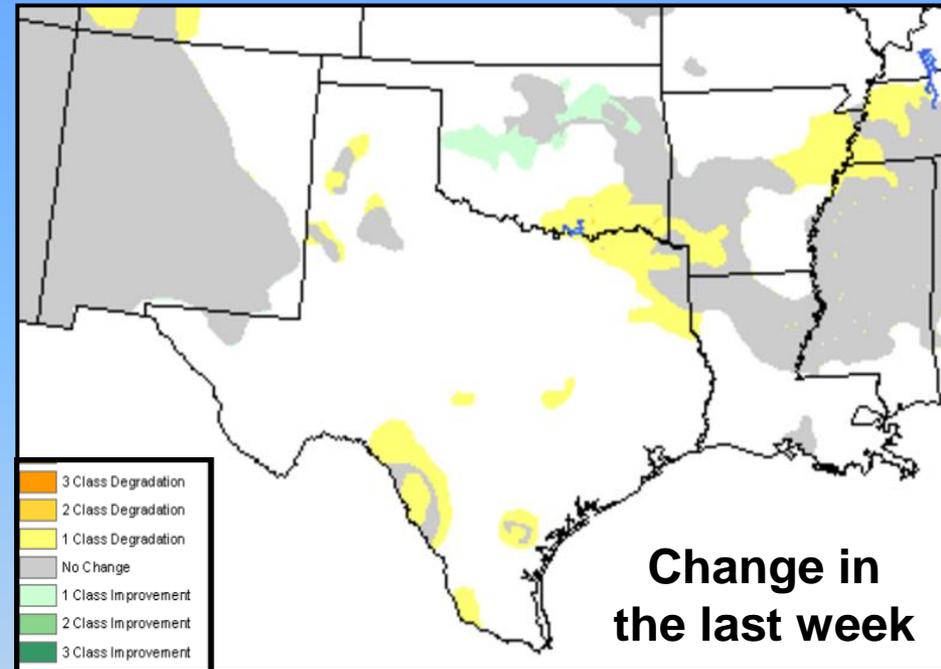
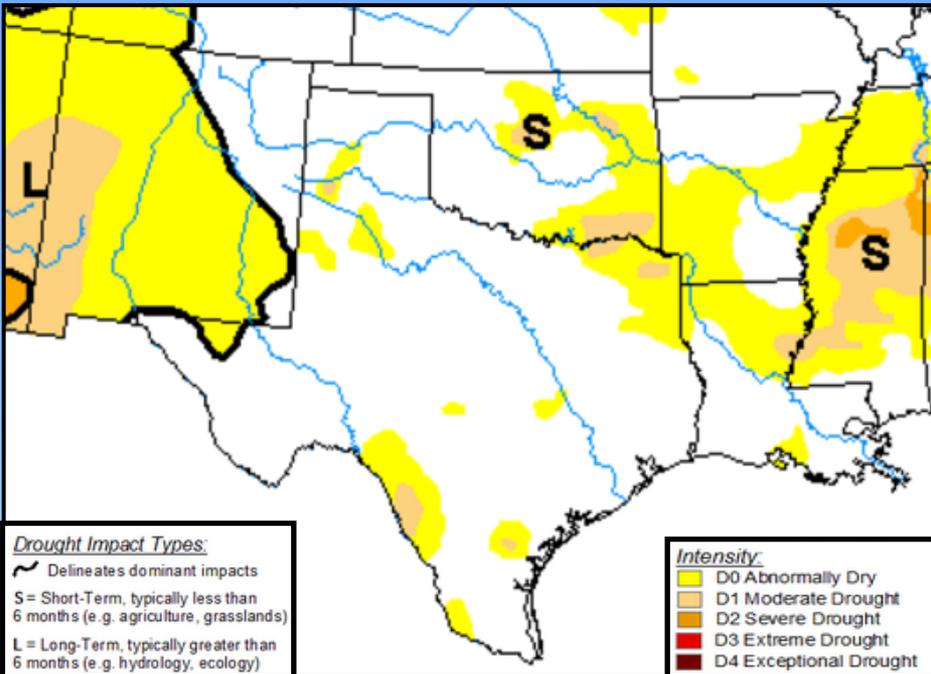
- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

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



Drought Monitor Released July 21, 2016

Data valid as of 7am CDT, Tuesday July 19 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%

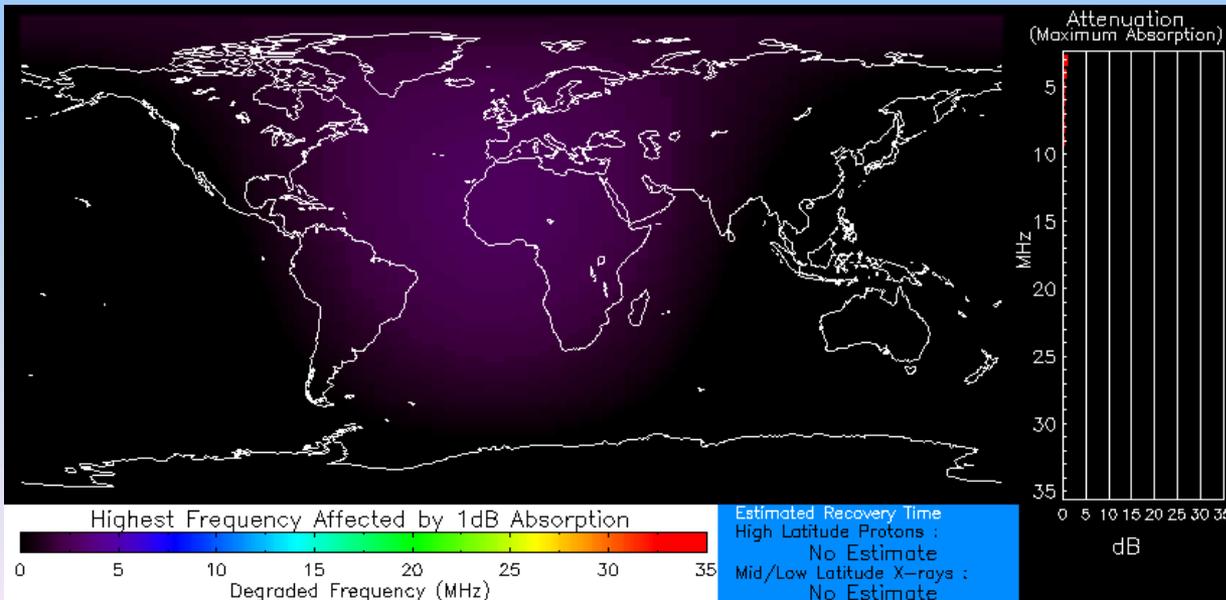
Space Weather 3-Day Forecast



	Thursday	Friday	Saturday
Geomagnetic Storms	Unsettled to Active (Max Kp =4)	Quiet to Unsettled (Max Kp =3)	Quiet to Unsettled (Max Kp =3)
Solar Radiation Storm (S1-S5)	5%	5%	5%
Radio Blackout (R1-R2)	25%	25%	15%
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 : 2016-07-21 12:27 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2016-07-21 11:52:00 UTC

Information provided by:



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Fort Worth, TX

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E-mail: 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

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<p>Very Common</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"> 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>Somewhat Common – Happens Frequently</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"> 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>Uncommon – A Few Times a Year</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"> 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>Rare – Once every 1-5 Years</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"> 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>Very Rare – Once Every 5-10 Years</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"> 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