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

Wednesday, July 13, 2016
Issued: 0800 CT

National Weather Service

Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Day 1 Weather Hazards: ***Marginal Risk of severe thunderstorms over the TX Panhandle into N OK. Elevated fire weather conditions over N NM***

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

Key Points

Today

- Isolated strong to severe storms possible over portions of the TX Panhandle into N OK
- Elevated fire weather conditions over N NM
- Elevated temperatures across much of the Region

Thursday

- Slight risk of severe storms over N OK and NW AR
  - Damaging winds/hail possible
- Isolated strong to severe storms over portions of the TX Panhandle, N OK and N AR
- Heavy rain/flash flooding also possible over N OK/AR
- Elevated fire weather conditions over NW TX/SW OK
- Elevated temperatures continue across much of the Region

Friday – Sunday

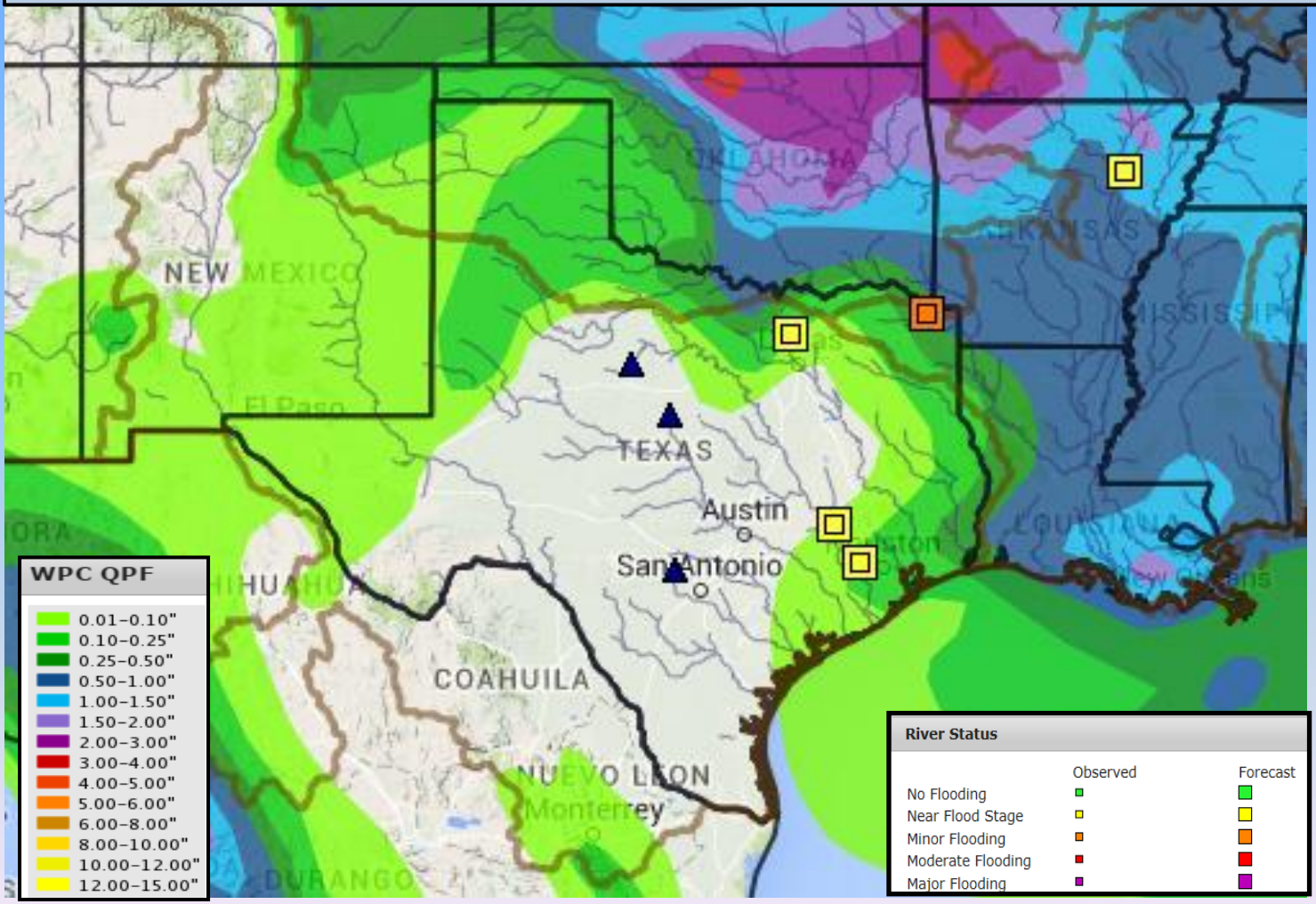
- No significant severe weather and/or flash flooding expected
- Elevated temperatures continue across much of the Region

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
Heavy rainfall in northern OK not expected to cause river flooding



<u>Disclaimer</u>: 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 13, 2016 - Jul 17, 2016

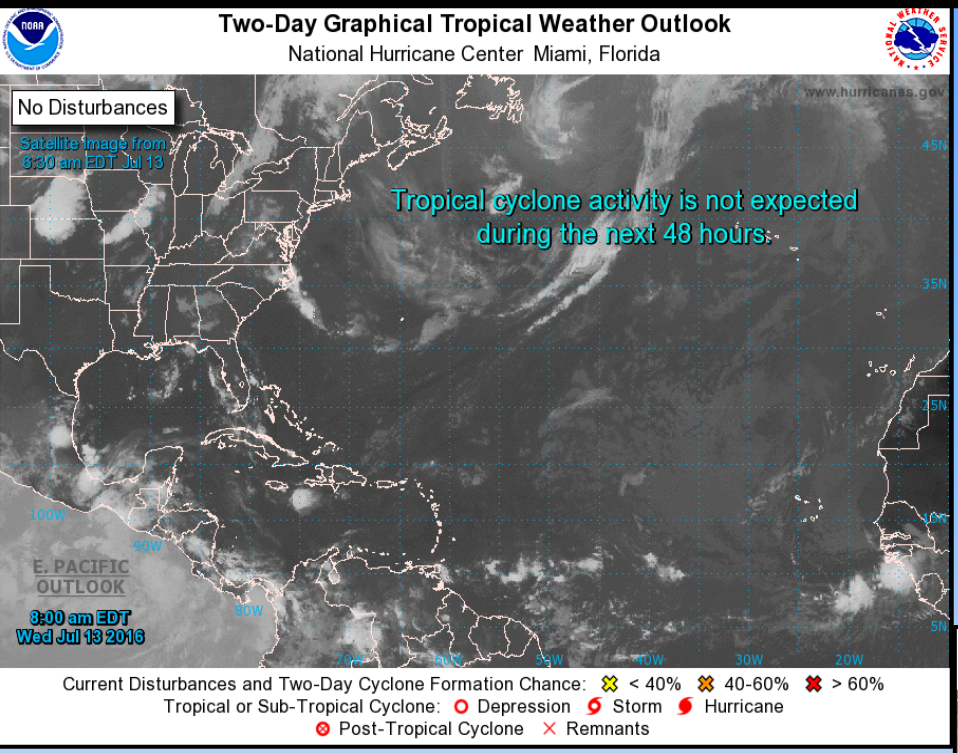
DAY/ THREAT	WED	THU	FRI	SAT	SUN
Severe Weather	NE TX Panhandle, N OK	N OK, NW AR N OK, NW AR, NE TX Panhandle			
Heavy Rain/Flash Flooding		N OK/NW AR			
Fire Weather	N NM	NW TX, SW OK			
Heat	Much of the Region	Much of the Region	Eastern Portions of the Region	Eastern Portions of the Region	Eastern 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.

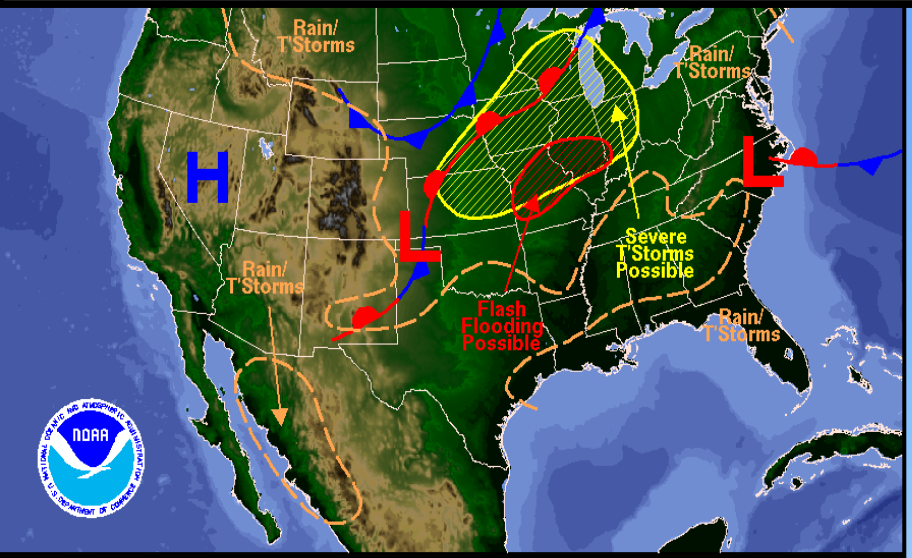
NATIONAL WEATHER SERVICE
U.S. DEPARTMENT OF COMMERCE-NOAA

Tropical Weather Outlook



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

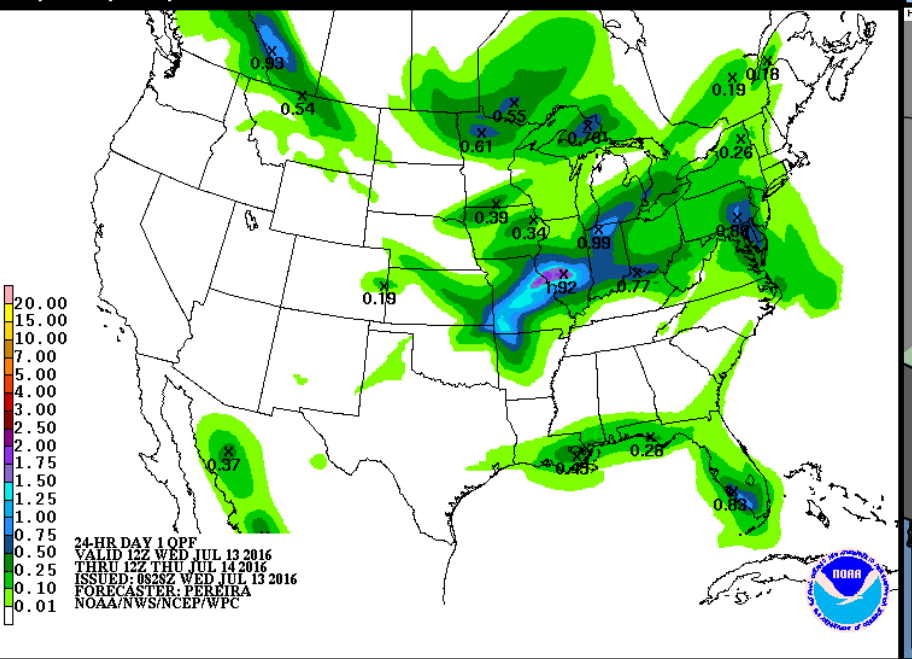
Today's Weather

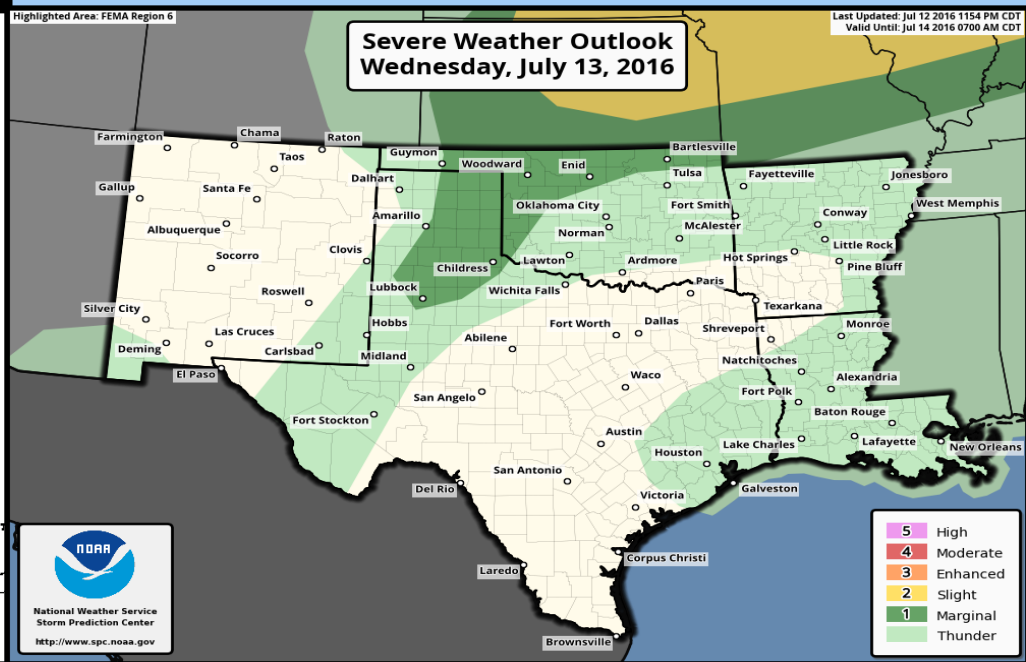


Weather Forecast for Wed, Jul 13, 2016, issued 4:42 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts

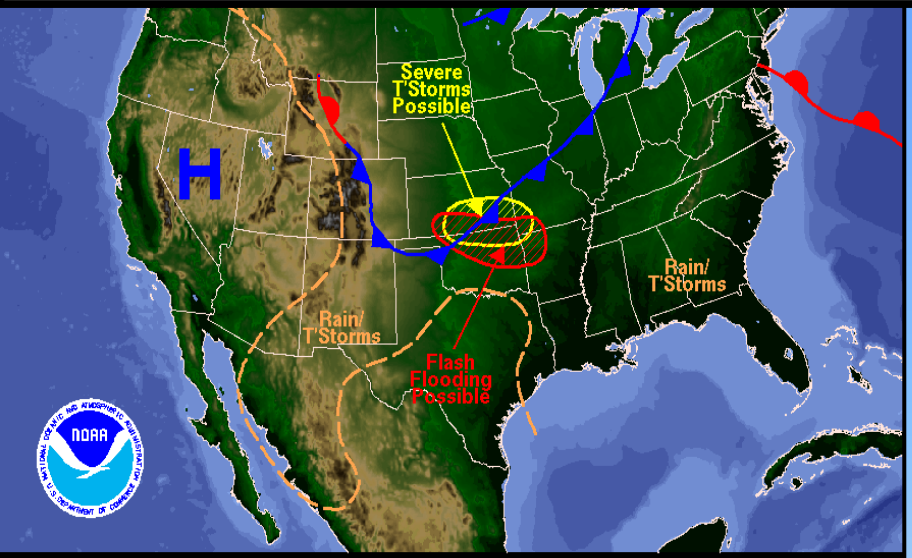
Marginal risk of severe storms this afternoon and evening over portions of the TX/OK panhandles and N OK; damaging winds and large hail are the main threats.

Elevated temperatures over much of the Region.





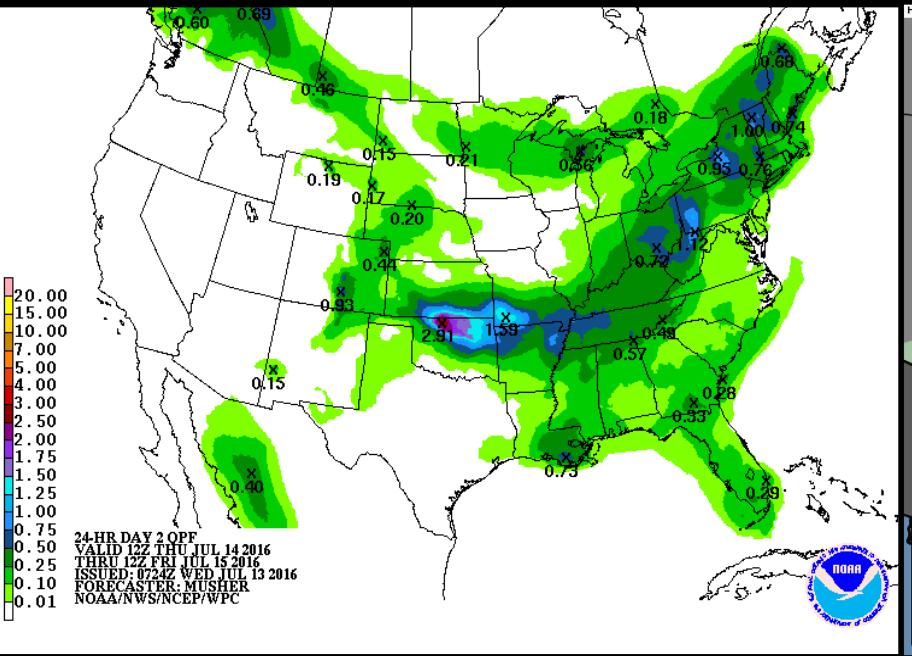
Tomorrow's Weather

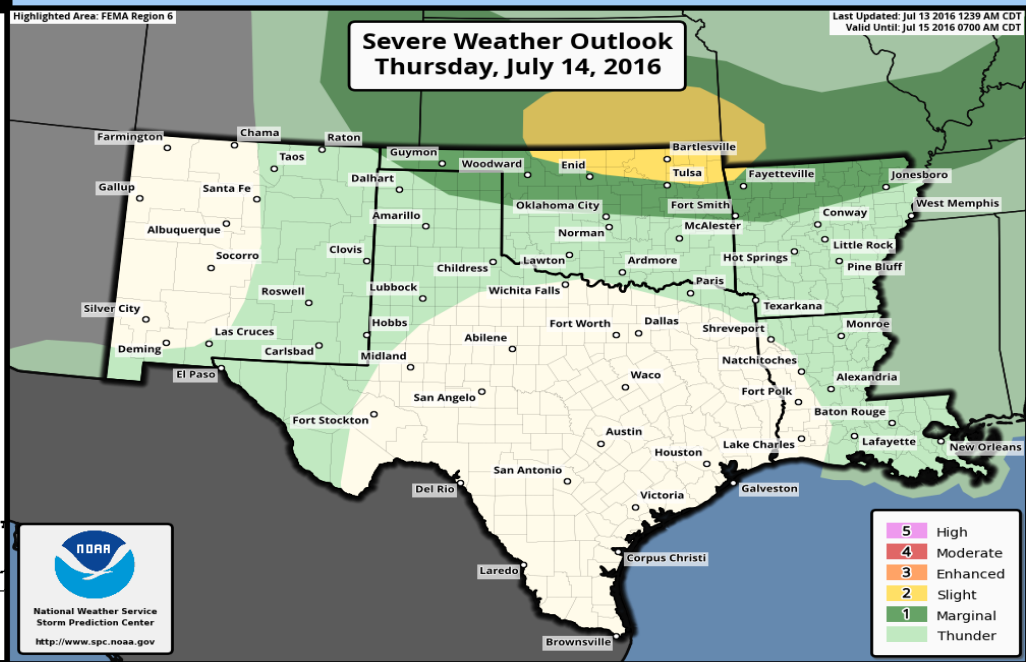


Slight risk of severe storms in NE OK and NW AR; damaging winds and large hail are the main threats.

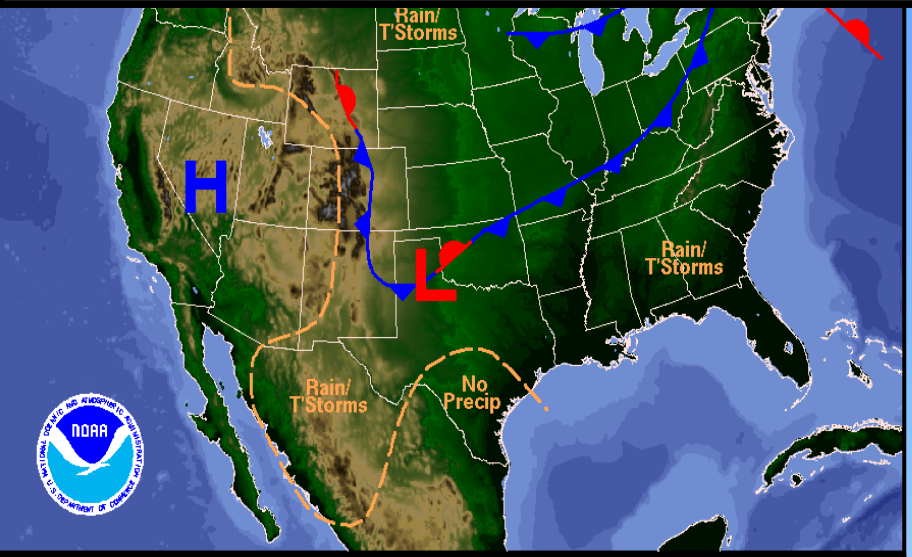
Marginal risk of severe storms in portions of N OK, NE TX Panhandle and NW AR; damaging winds, large hail and locally heavy rainfall are the main threats.

Elevated temperatures over much of the Region.





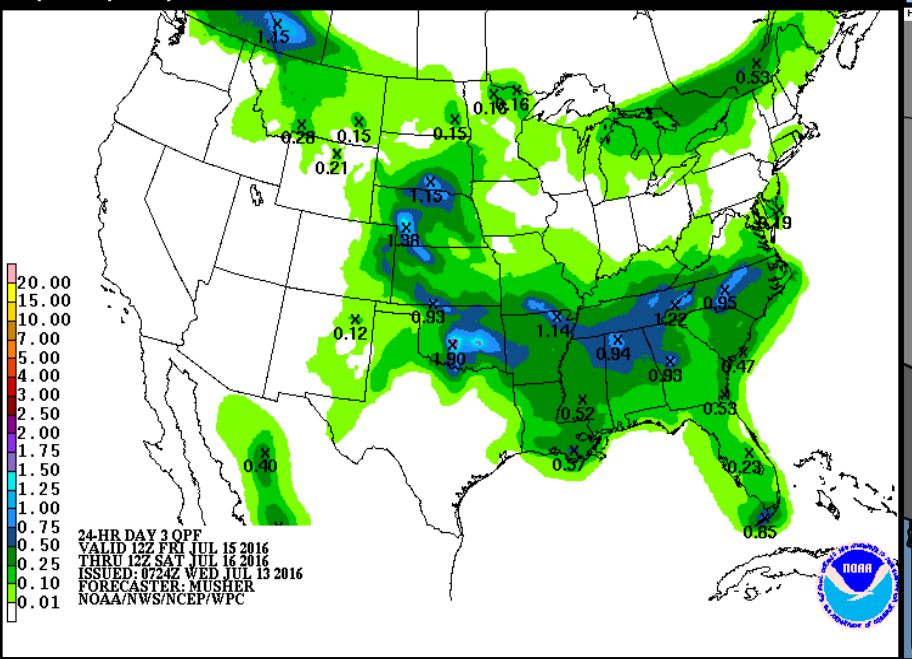
Friday's Weather

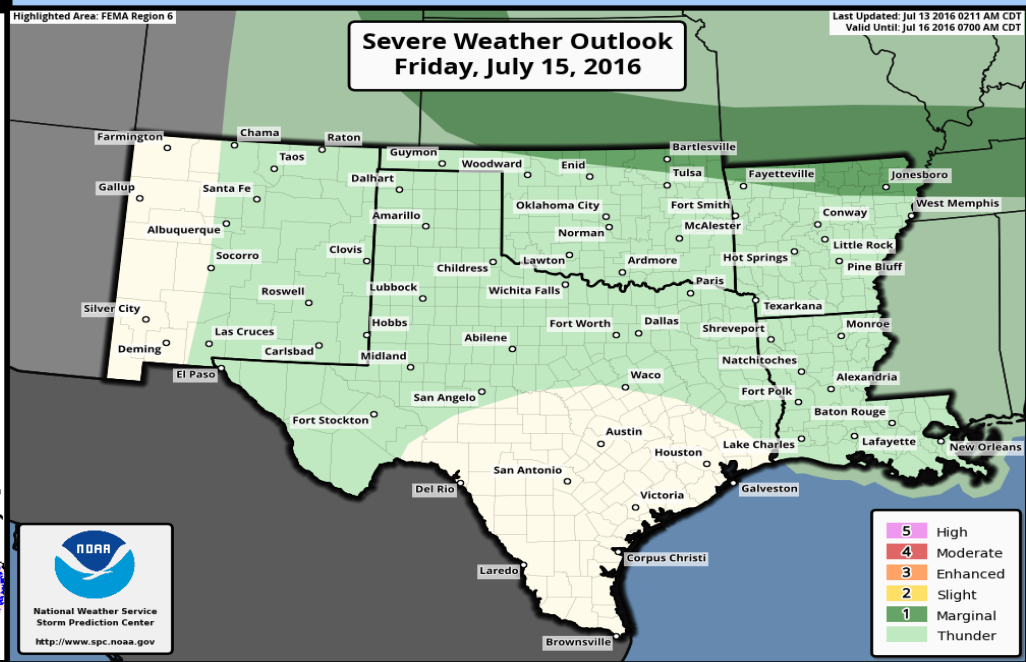


Weather Forecast for Fri, Jul 15, 2016, issued 4:48 AM EDT Wed, Jul 13, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts

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

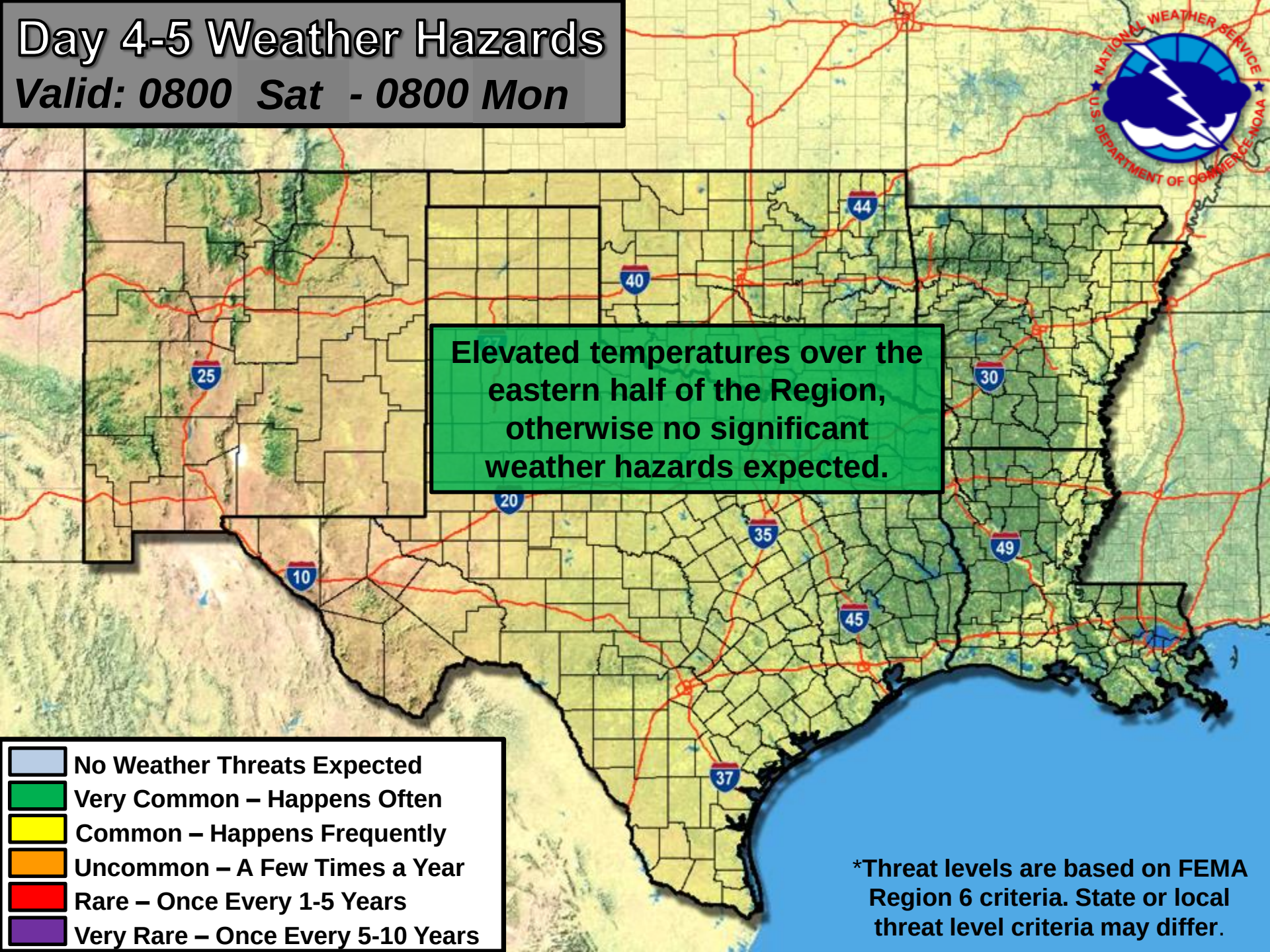
Elevated temperatures over much of the Region.





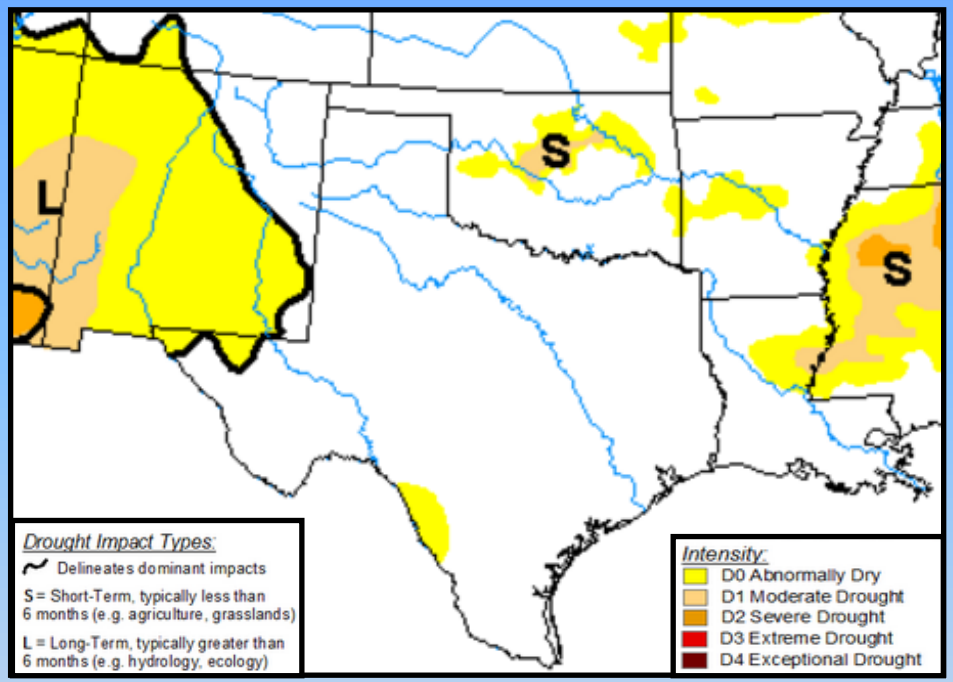
Day 4-5 Weather Hazards

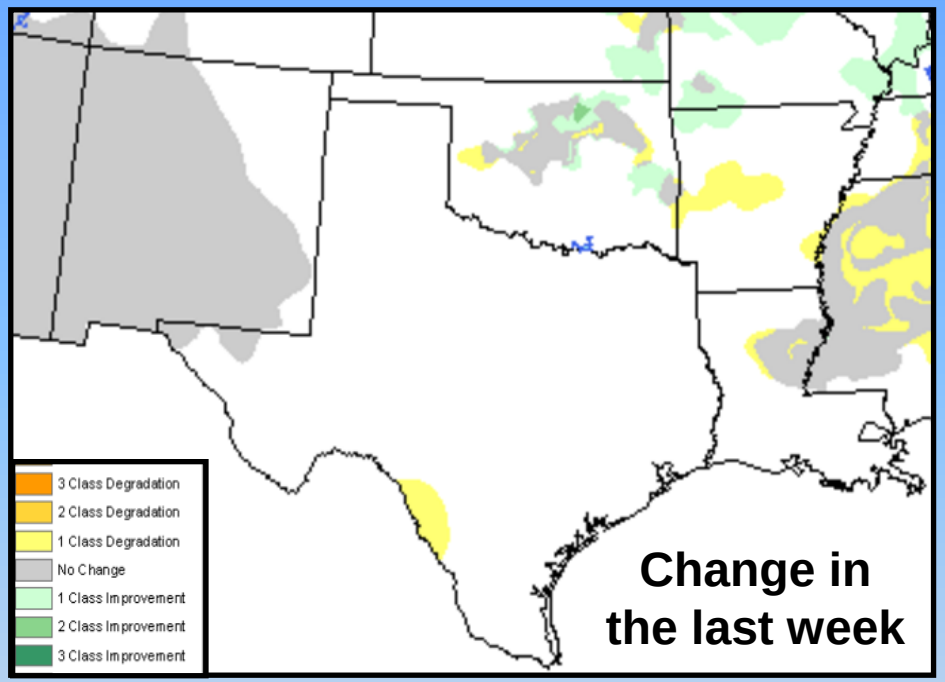
Valid: 0800 Sat - 0800 Mon



Drought Monitor Released July 7, 2016

Data valid as of 7am CDT, Tuesday July 5, 2016





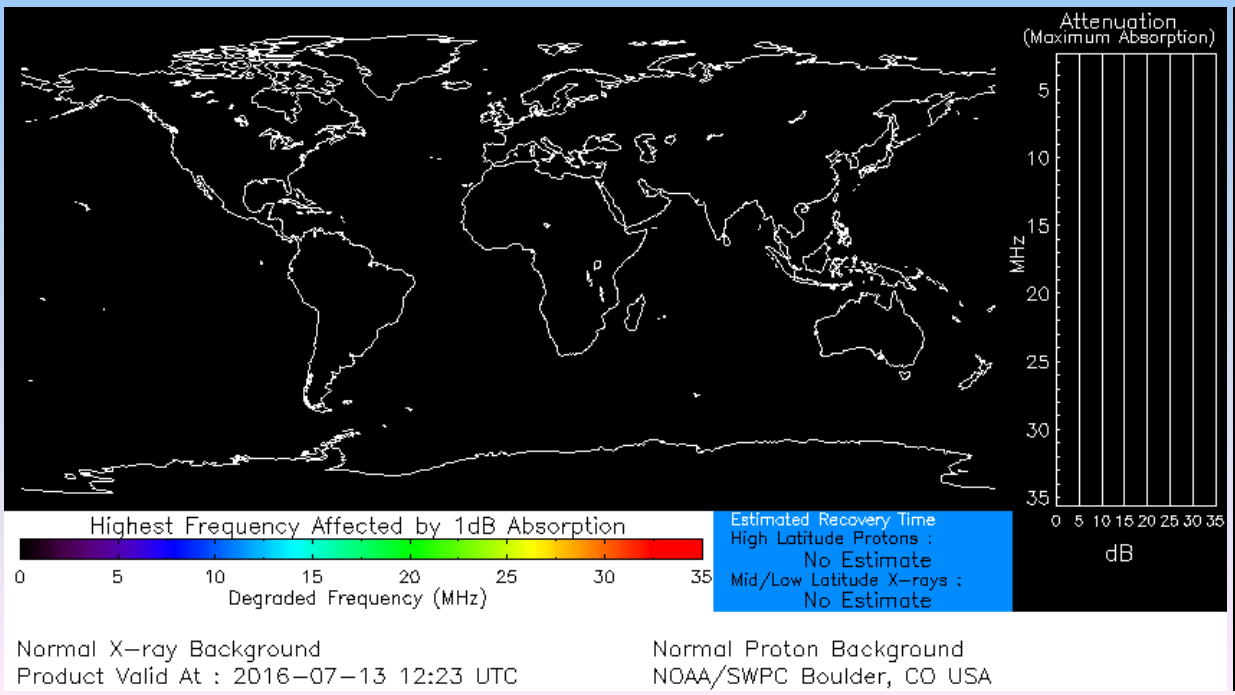
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

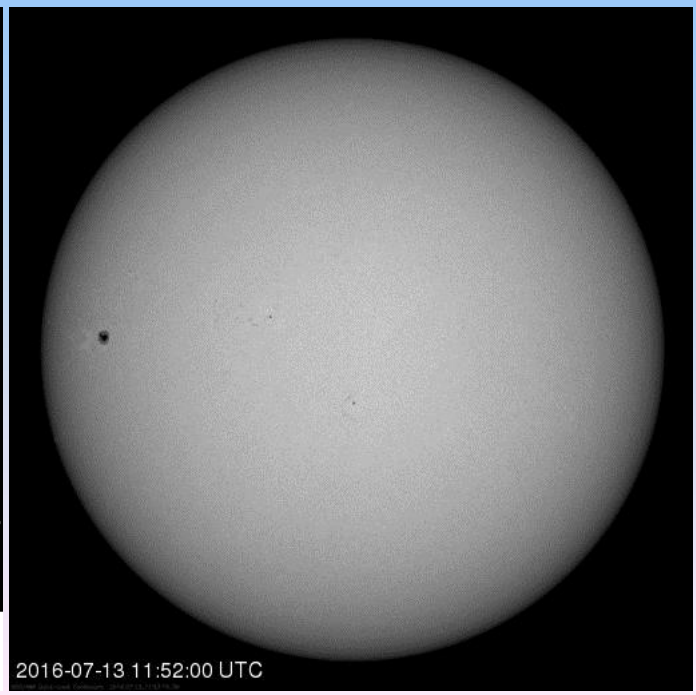
Space Weather 3-Day Forecast

	Wednesday	Thursday	Friday
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)	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]





Information provided by:

National Weather Service
Southern Region Headquarters
Regional Operations Center
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!!)

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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	**Very Common** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	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	• 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 seabreeze storms in coastal TX
Yellow	**Somewhat Common – Happens Frequently** Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	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	• 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	**Uncommon – A Few Times a Year** Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	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	• 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	**Rare – Once every 1-5 Years** Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	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	• 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	**Very Rare – Once Every 5-10 Years** 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	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	• 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