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 14, 2016
## Issued: 0800 CT

**Day 1 Weather Hazards:** ***Slight risk of severe storms over N OK, NE TX Panhandle, N AR.***

**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 N OK, NE TX Panhandle, N AR
  - Damaging winds/hail possible
- Isolated strong to severe storms over the TX Panhandle, OK, NE NM and AR with damaging winds and locally heavy rainfall
- Heavy rain/flash flooding also possible over OK, AR
- Elevated fire weather conditions over NE TX/SW OK
- Heat index 105-110 across much of the eastern half of the Region

## Friday – Monday

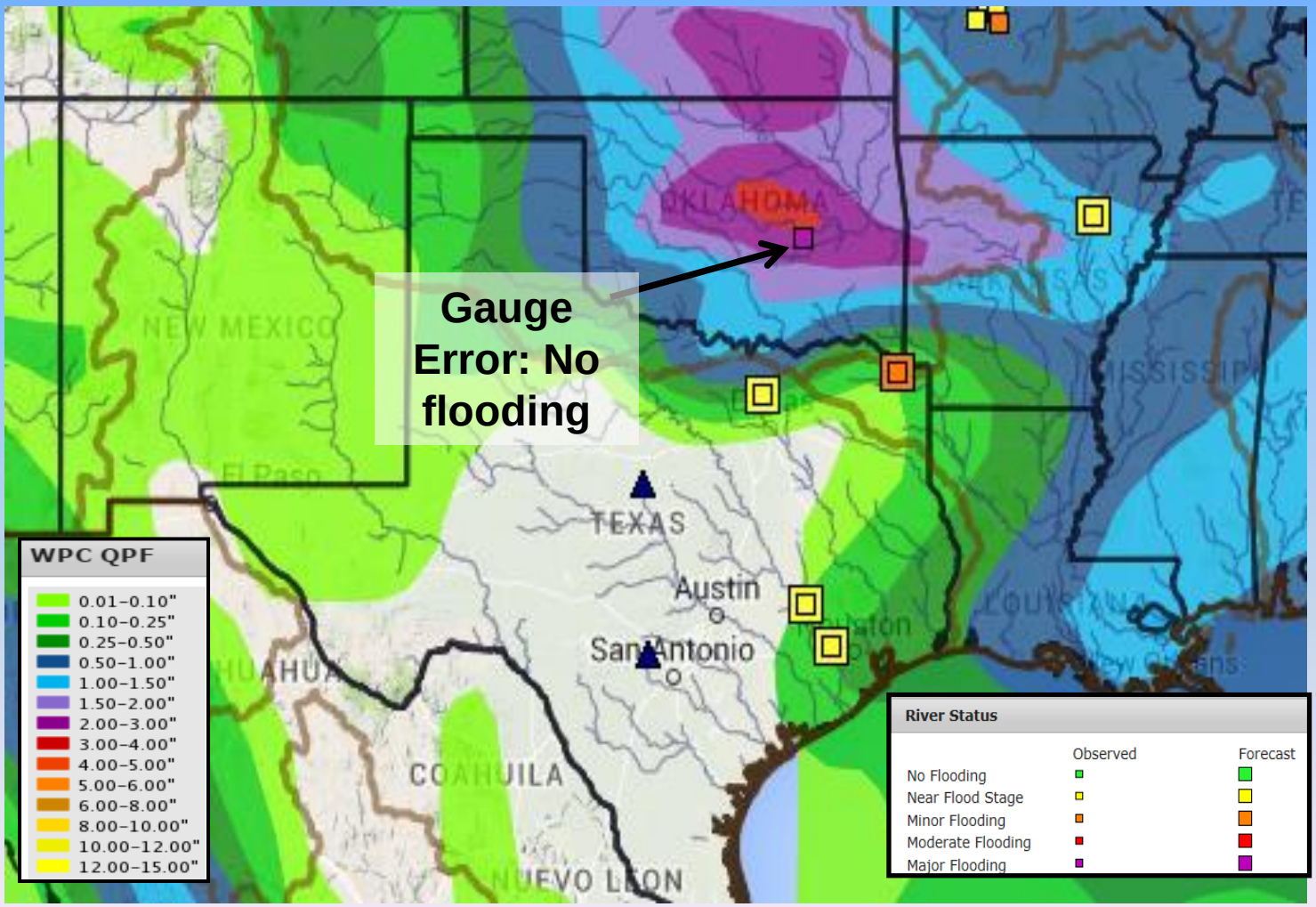
- Isolated strong to severe storms over TX/OK Panhandles, N OK, N AR with damaging winds and locally heavy rainfall
- No significant severe weather and/or flash flooding expected
- Heat index 105-110 across much of the eastern half of the Region

## 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**
**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

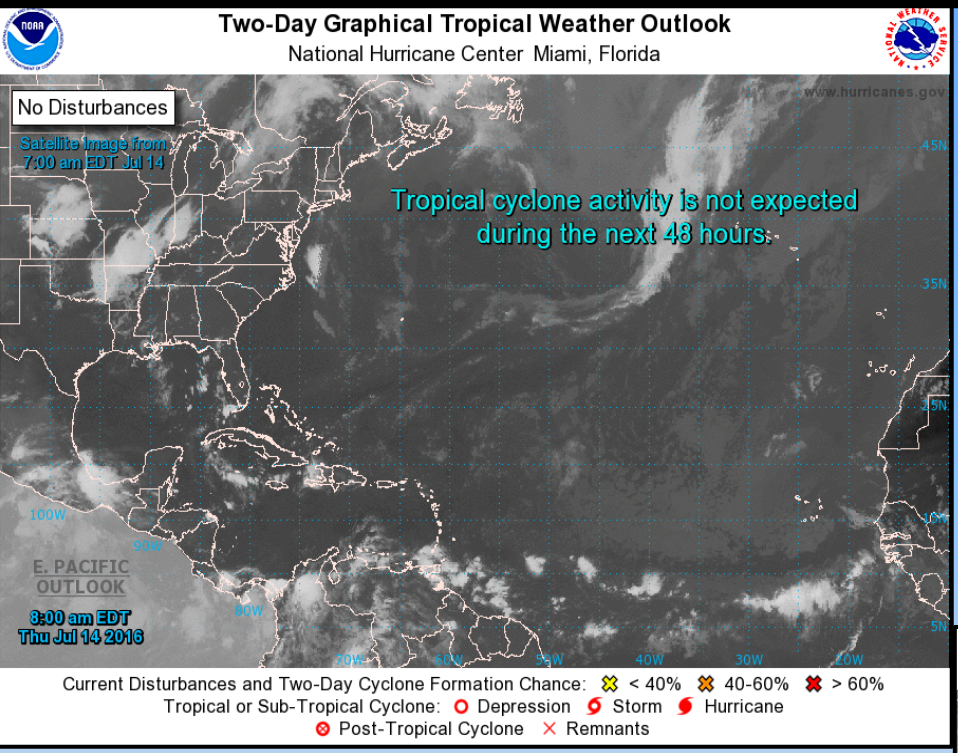
## Jul 14, 2016 - Jul 18, 2016

| DAY/ THREAT | THU | FRI | SAT | SUN | MON |
|---|---|---|---|---|---|
| Severe Weather | N OK, N AR, NE TX Panhandle<br>OK, AR, TX Panhandle, E NM | TX Panhandle, N OK, N AR | | | |
| Heavy Rain/Flash Flooding | OK, NW AR | | | | |
| Fire Weather | NE TX, SW OK | | | | |
| Heat | 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

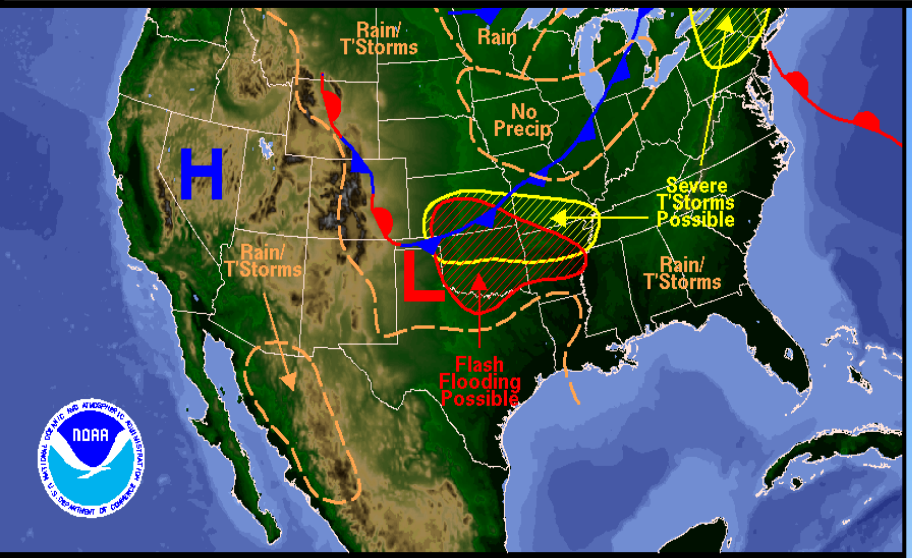
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

# Tropical Weather Outlook




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

# Today's Weather

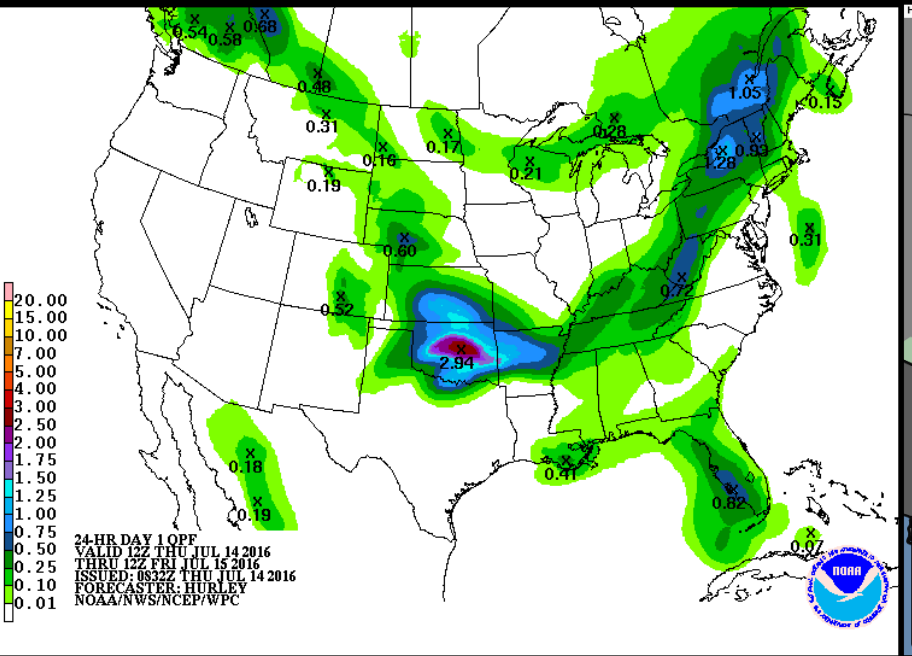


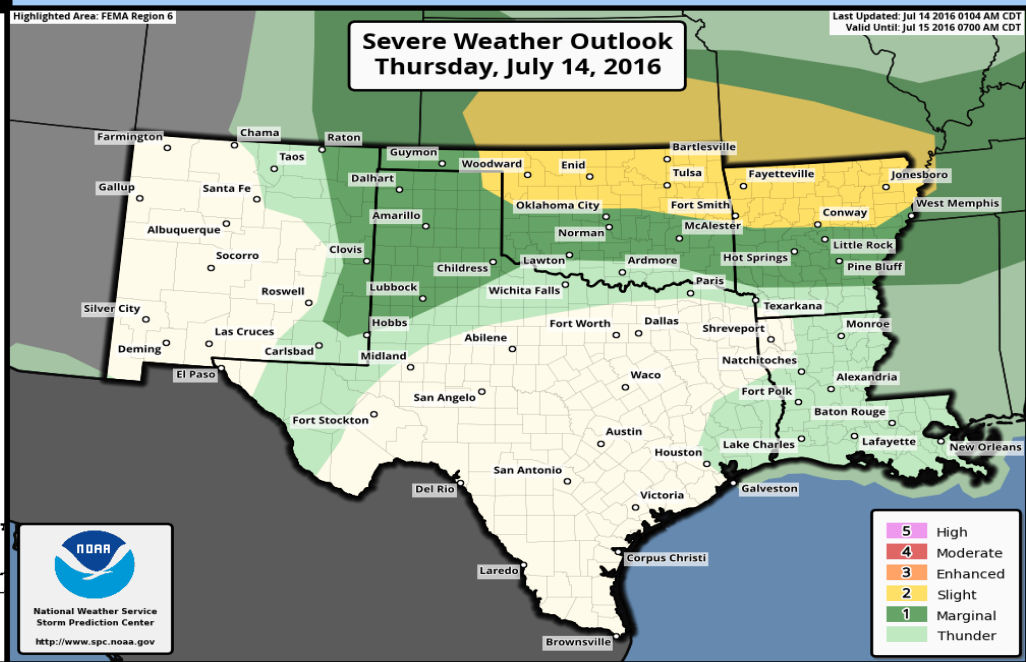

Weather Forecast for Thu, Jul 14, 2016, issued 4:33 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts

**Slight risk of severe storms in N OK, N AR, NE TX Panhandle; damaging winds and large hail are the main threats along with heavy rainfall over OK/AR.**

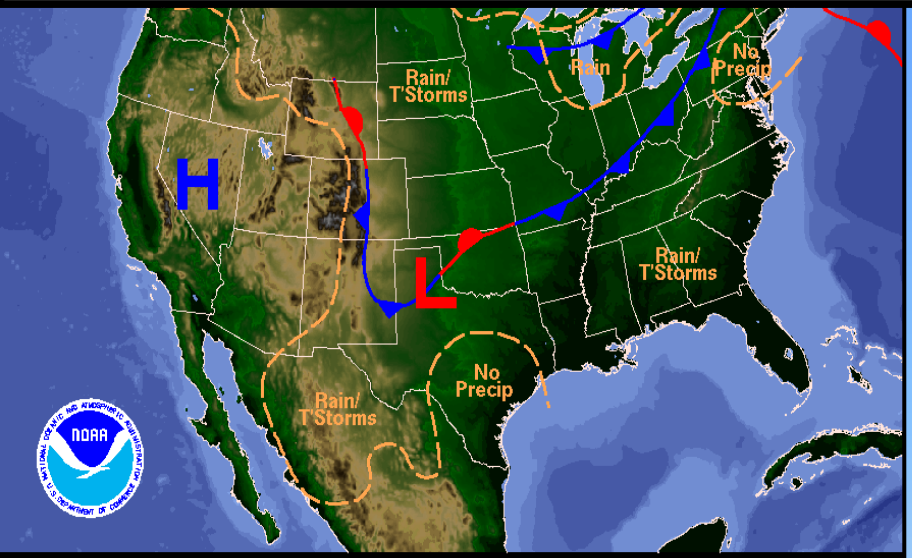
**Marginal risk of severe storms over OK, TX Panhandle, E NM and AR; damaging winds, large hail and locally heavy rainfall are the main threats.**

**Elevated temperatures over much of the Region.**



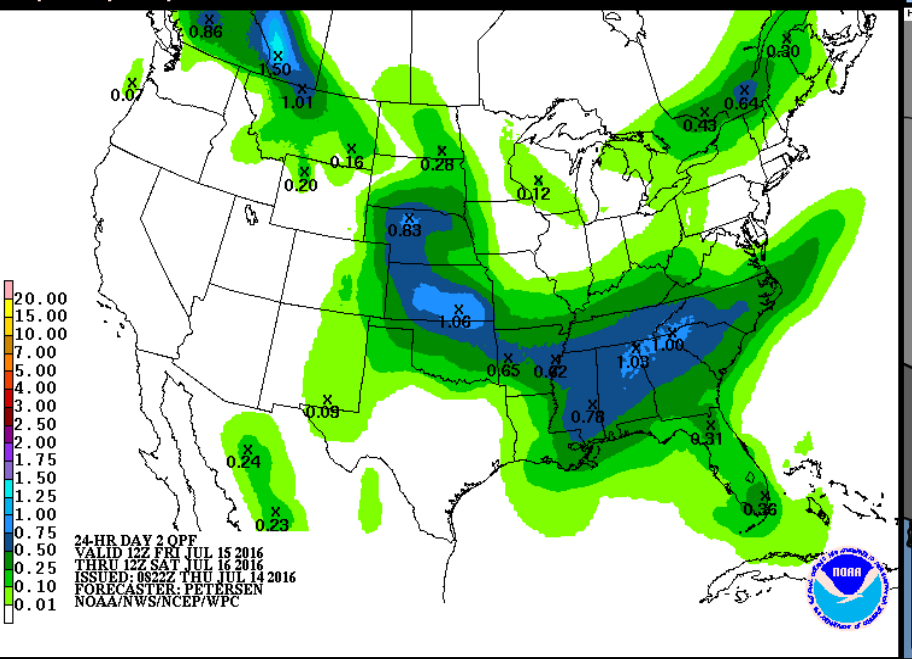
# Tomorrow's Weather

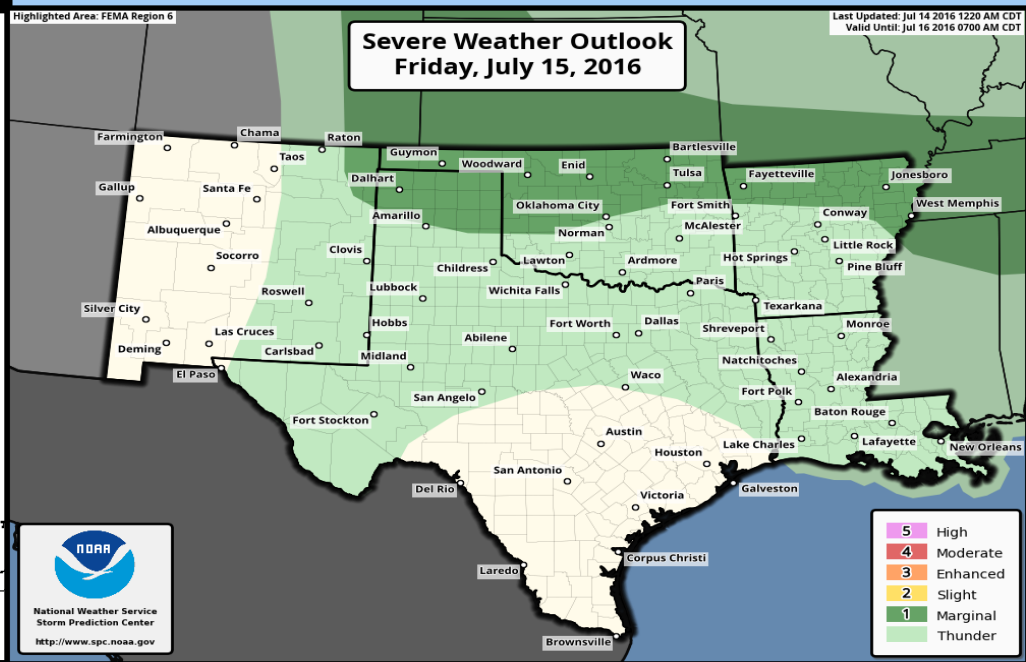



Weather Forecast for Fri, Jul 15, 2016, issued 4:36 AM EDT Thu, Jul 14, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts

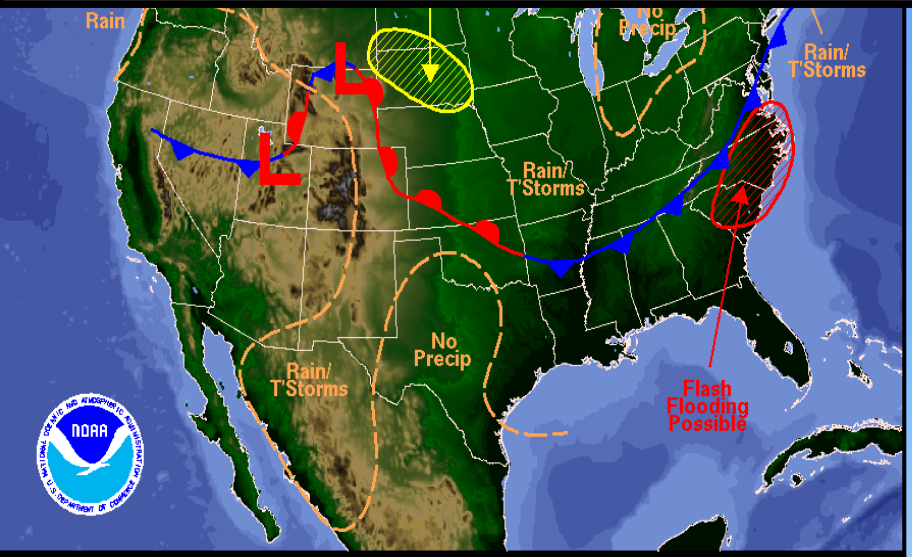
**Marginal risk of severe storms from TX/OK Panhandles, N OK and N AR; damaging winds, large hail and locally heavy rainfall are the main threats.**

**Elevated temperatures over much of the Region.**



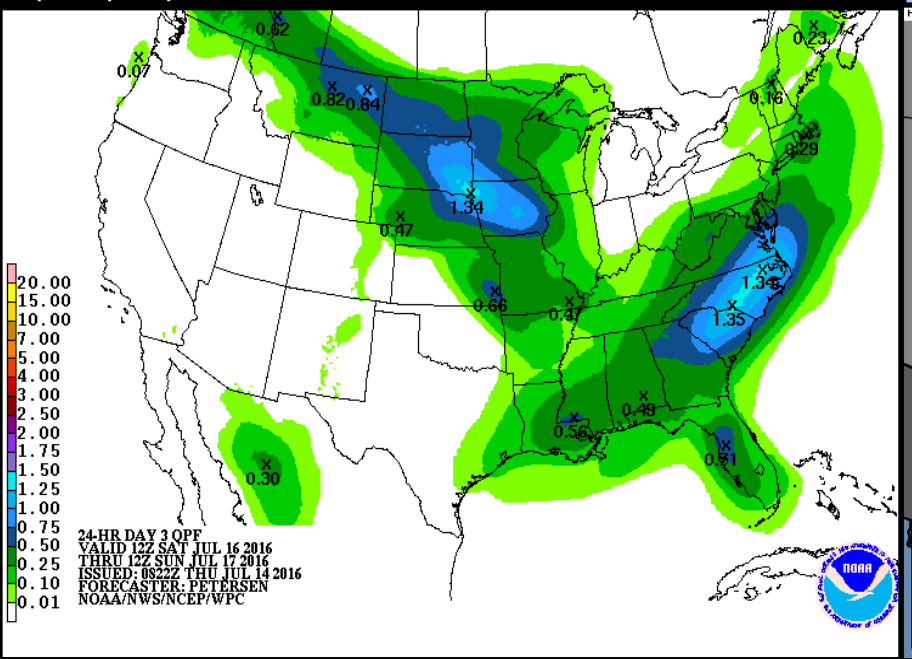



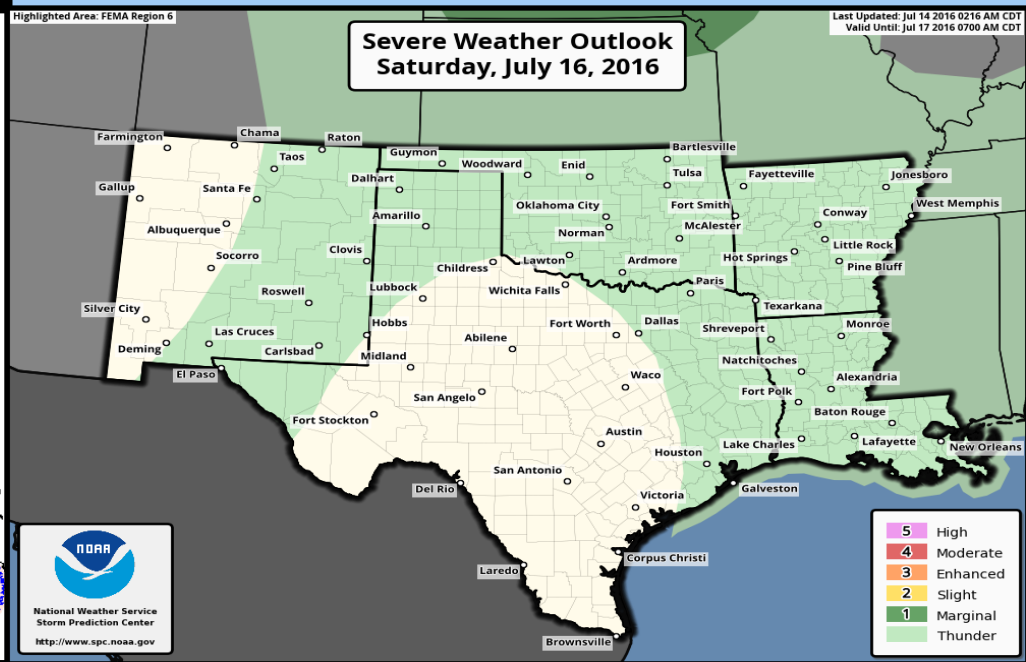
# Saturday's Weather




Weather Forecast for Sat, Jul 16, 2016, issued 4:46 AM EDT Thu, Jul 14, 2016
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds based on WPC, SPC and NHC forecasts

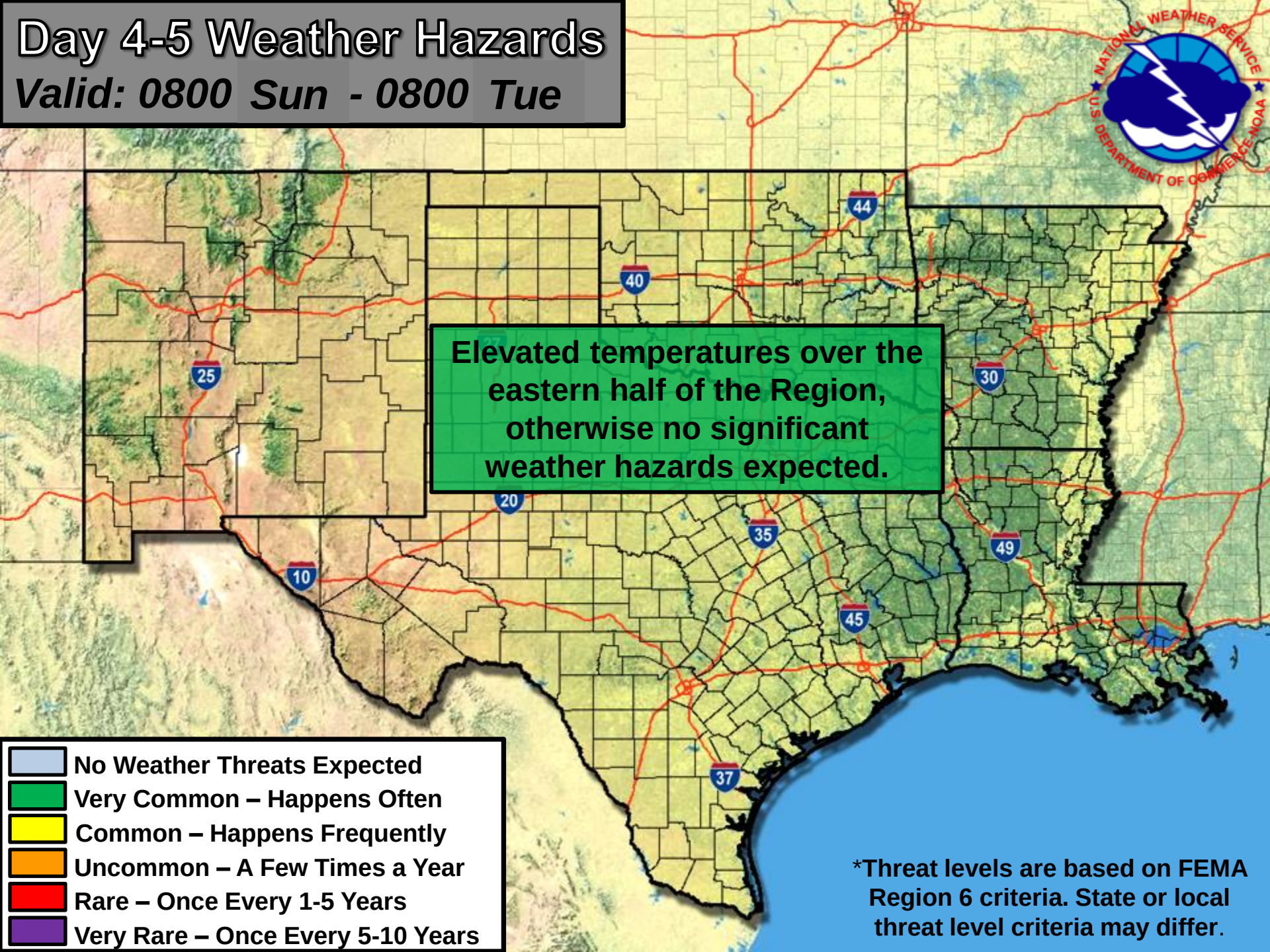
**While storms will be found across the FEMA Region 6 during the afternoon/evening hours, severe weather and/or flooding not expected.**



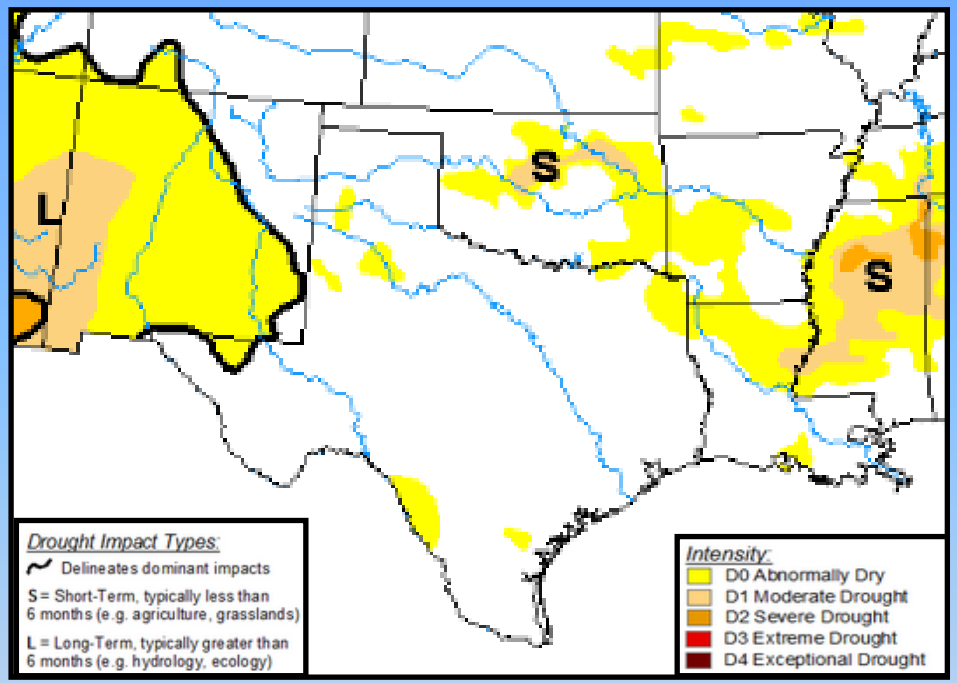
# Day 4-5 Weather Hazards

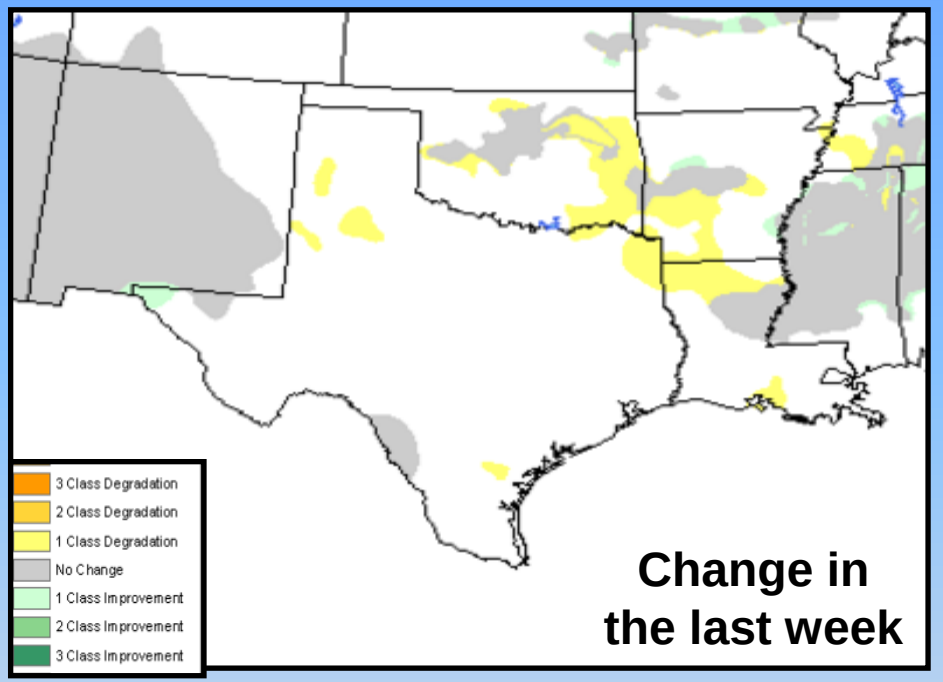
***Valid: 0800 Sun - 0800 Tue***



# Drought Monitor Released July 14, 2016

## Data valid as of 7am CDT, Tuesday July 12 2016



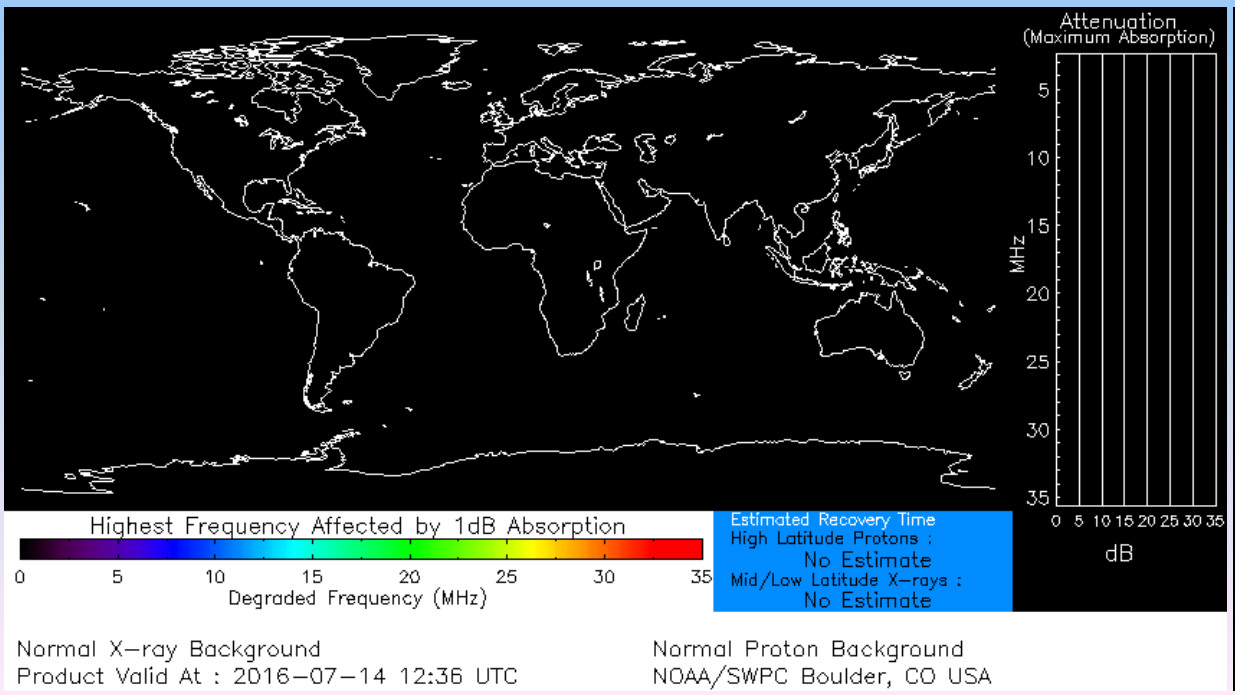

| Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought) | | | | |
|---|---|---|---|---|
| State | Current | Last Week | 3 Months Ago | 1 Year Ago |
| Oklahoma | 0.00% | 0.00% | 0.00% | 0.00% |
| Texas | 0.00% | 0.00% | 0.00% | 0.00% |
| Arkansas | 0.00% | 0.00% | 0.00% | 0.00% |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

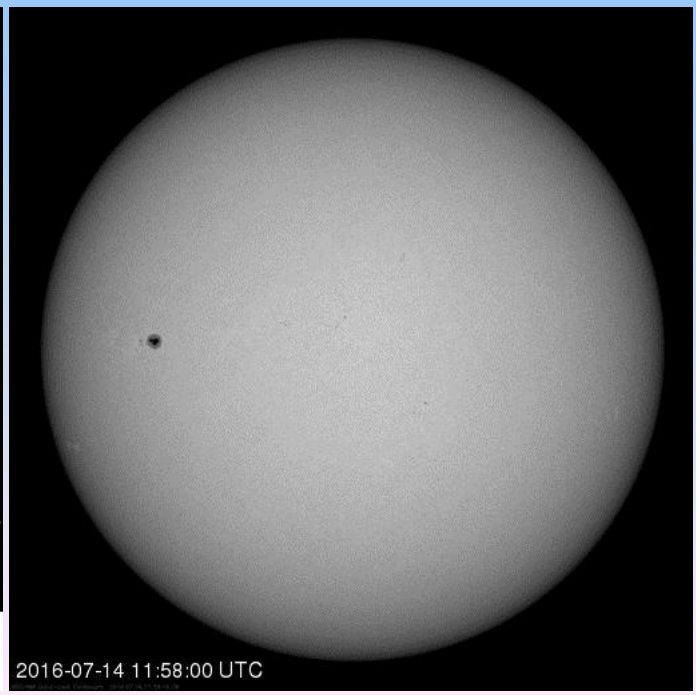
# Space Weather 3-Day Forecast

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

Phone: (817) 978-1100 x147
E-mail: sr-srh.roc@noaa.gov
Web: http://www.srh.noaa.gov

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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**<br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC<br>Flooding: Minor flooding expected over localized areas<br>Tropical: None<br>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<br>• Something that happens almost every day in a particular season such as seabreeze storms in coastal TX |
| **Yellow** | **Somewhat Common – Happens Frequently**<br>Safety: Rarely a Direct Threat to Life and Property<br>Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC<br>Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas<br>Tropical: A weak tropical wave expected to move towards or near any coastline<br>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<br>• 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**<br>Safety: Often Threatening to Life and Property, Some Damage Unavoidable<br>Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC<br>Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas<br>Tropical: A Tropical Storm expected to move towards or near any coastline<br>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<br>• Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail<br>• Some large fires reported, burn bans advertised, critical conditions expected |
| **Red** | **Rare – Once every 1-5 Years**<br>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed<br>Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC<br>Flooding: Moderate flooding expected over a widespread area (including urban locations)<br>Tropical: A Hurricane expected to move towards or near any coastline<br>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<br>• Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail<br>• Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| **Purple** | **Very Rare – Once Every 5-10 Years**<br>Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed<br>Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC<br>Flooding: Major flooding expected over a widespread area (including urban locations)<br>Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline<br>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<br>• Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |