



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, August 10, 2016

Issued: 0800 CT

Heat advisories E OK, W AR, and NW LA. Areas of flash flooding in S LA, W TX, and NM.

National Weather Service

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



**Prepared by: Kurt Van Speybroeck
817-978-1100 x 147**



Key Points

Today

- Heat Advisories are in effect across east/south TX into parts of NLA/S AR and E OK
 - Maximum afternoon heat index values exceeding 105 degrees.
- Flash flood watches in effect for S LA, far W TX, and NM.
 - Periods of heavy rain may lead to areas of flash flooding.

Thursday-Friday

- Areas of heavy rain/flash flooding possible over NM, far W TX, and SE LA.
- Afternoon heat index values 105+ degrees continue through Friday over E/S TX into E OK and AR/LA.

Saturday - Sunday

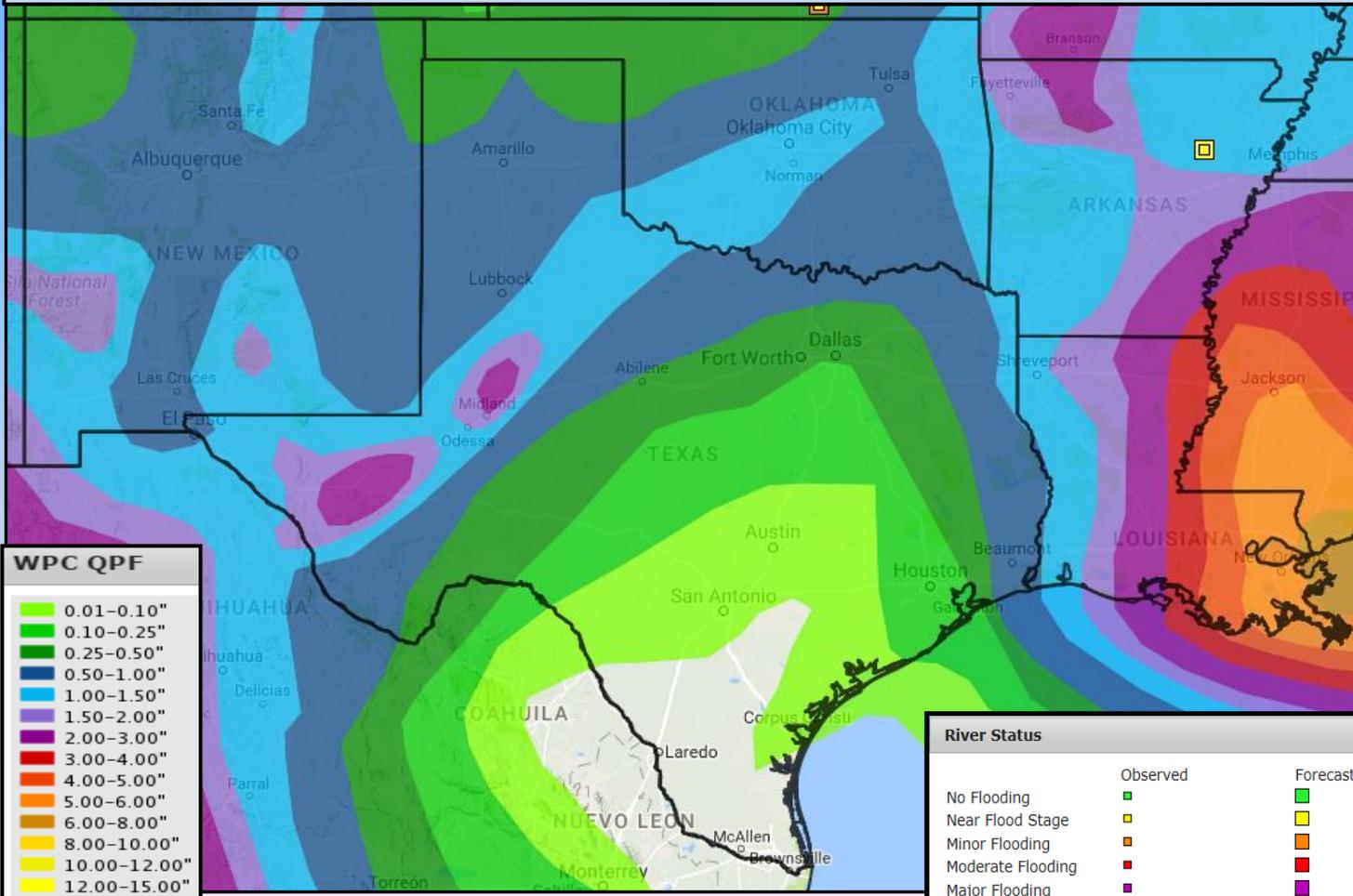
- Cold front moves across much of the Region this weekend, cooling temperatures with possible increased rain chances for most of the Region (except South TX)
 - Flash flooding may be possible across the Trans Pecos/Permian Basin in W TX.

Tropical Outlook

- The tropics are expected to remain quiet over the next 5 days

River Flood Status/5 Day Forecast Rainfall

No significant river flooding is occurring or expected. Rainfall the next 5 days over NM, W TX, and S LA may lead to some flash flooding, but river flooding is not expected at this time. No significant rainfall/flooding expected elsewhere.



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

Aug 10, 2016 - Aug 14, 2016

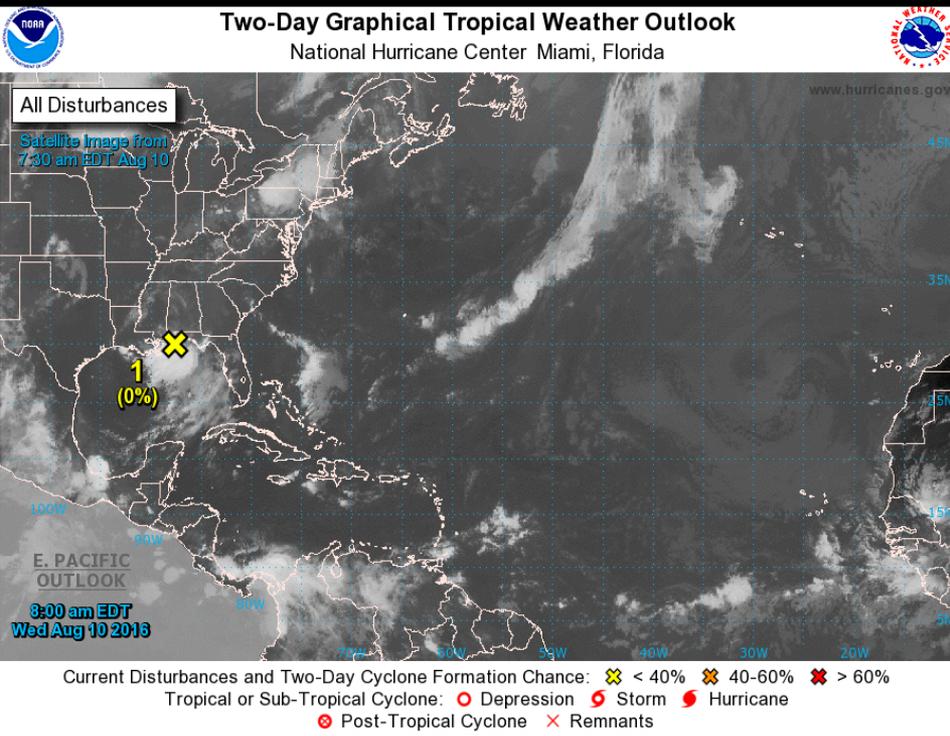
| DAY/ THREAT | WED | THU | FRI | SAT | SUN |
|-------------------------------|----------------|-----|-----|---------------|-----|
| Severe Weather | | | | | |
| Heavy Rain/ Flash Flooding | NM/W TX/S LA → | | | Trans Pecos → | |
| Fire Weather | | | | | |
| Heat | E OK, AR/LA → | | | S TX → | |
| | S/E TX | | | | |
| 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.

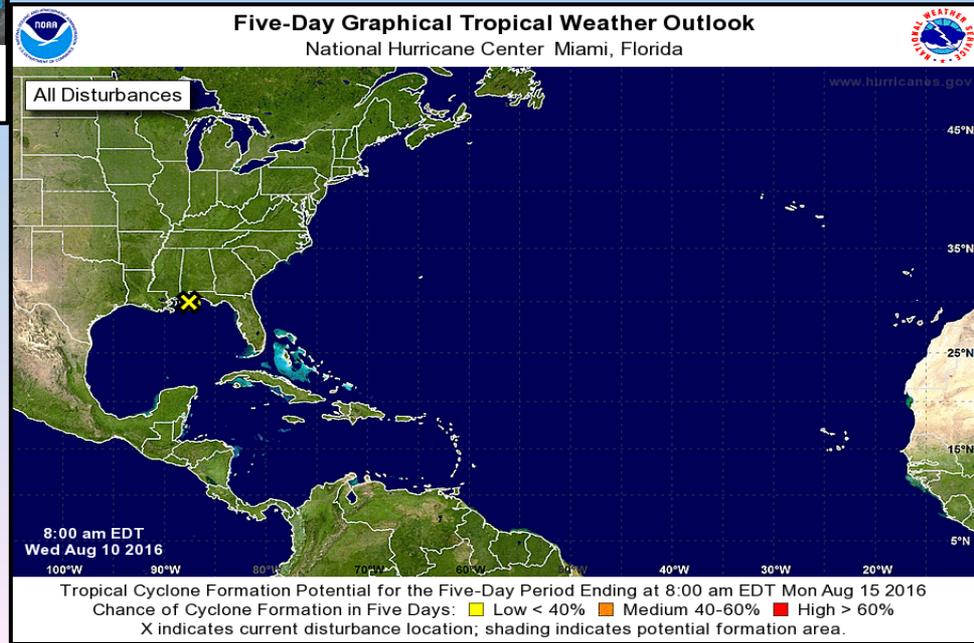


Tropical Weather Outlook

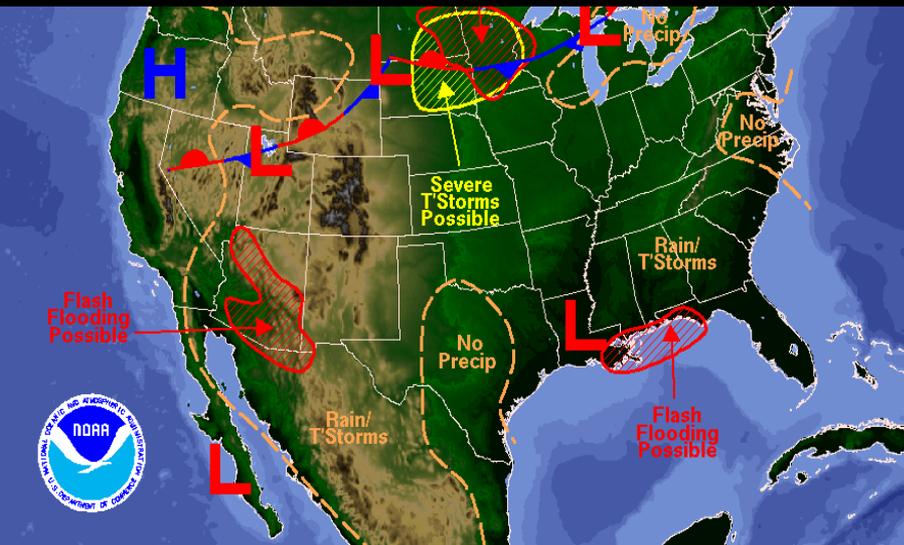


No tropical activity expected.

Formation chances through 5 days...None expected.



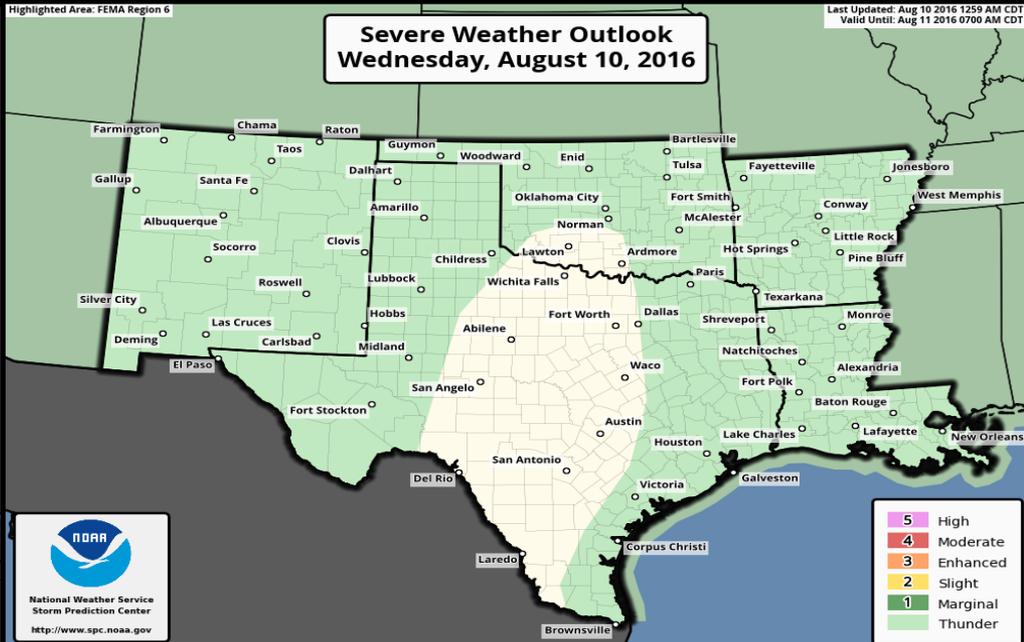
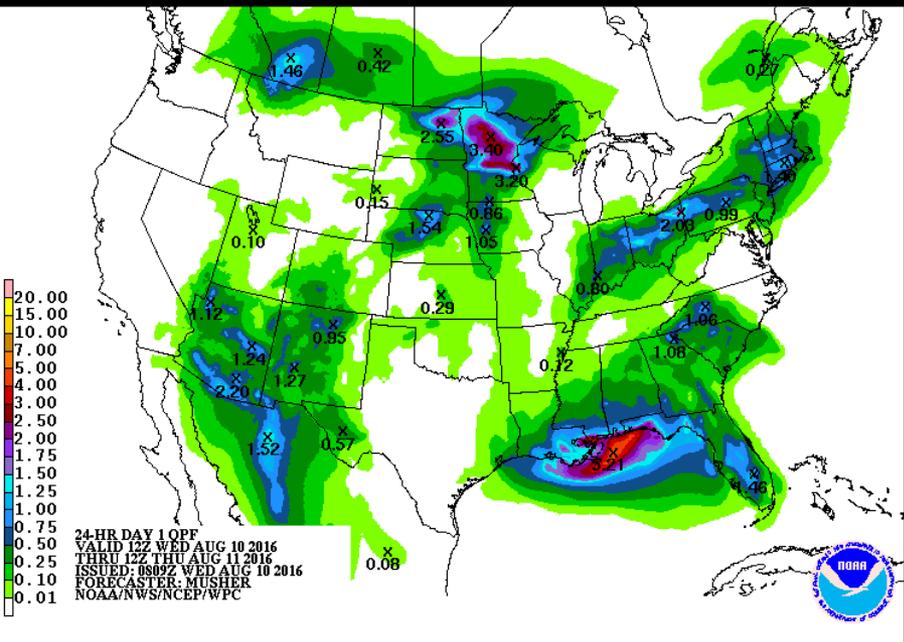
Today's Weather



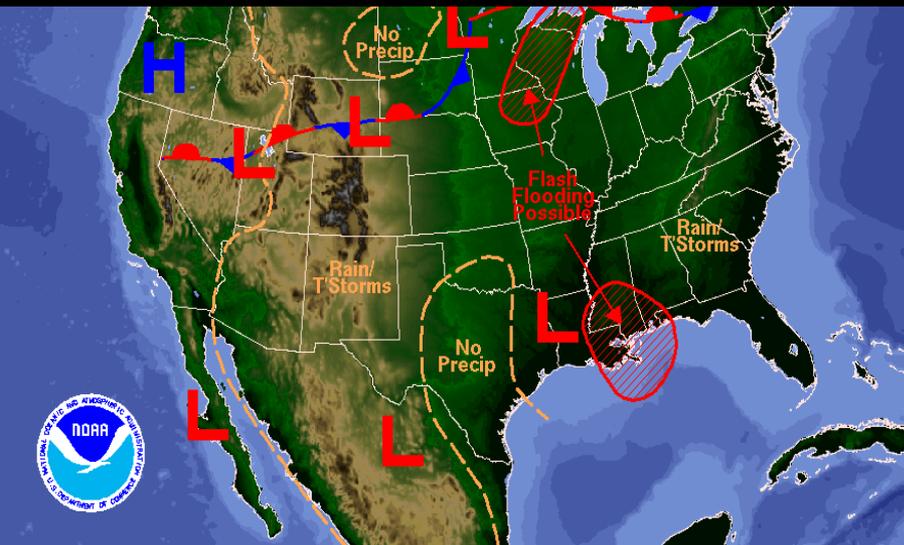
Heat warnings S/E TX.

Heat advisories E OK/W AR/NW LA.
Areas of flash flooding in NM/far W TX and S LA.

Weather Forecast for Wed, Aug 10, 2016, issued 4:52 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts

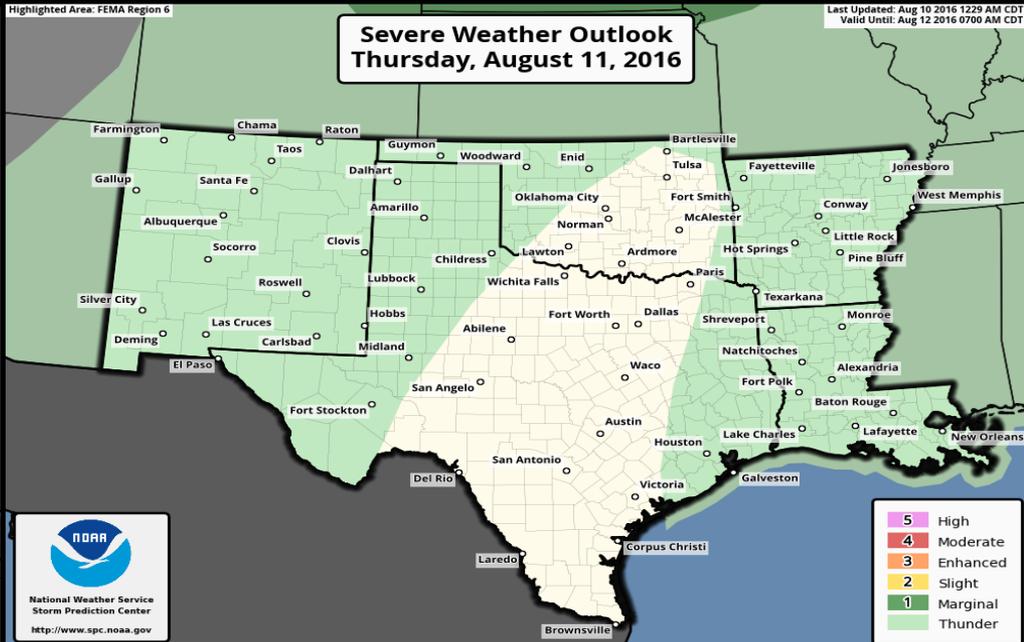
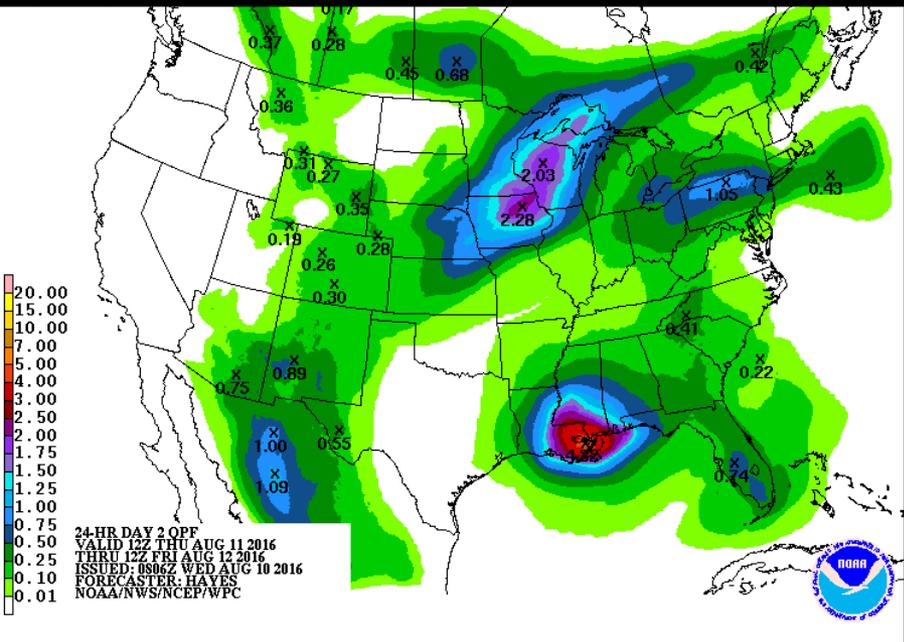


Tomorrow's Weather

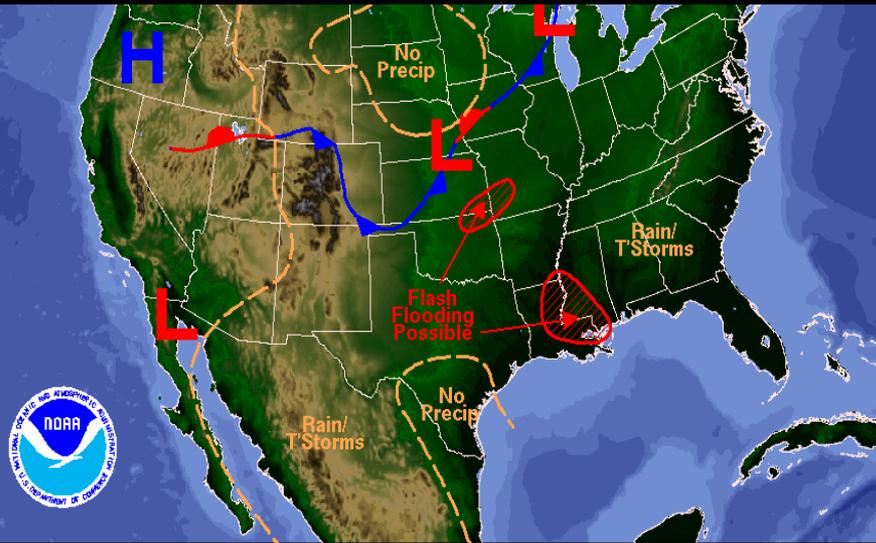


Afternoon heat index values of 105+ degrees in S/E TX, E OK, AR/LA.
 Areas of flash flooding in NM/far W TX and S LA.

Weather Forecast for Thu, Aug 11, 2016, issued 4:55 AM EDT Wed, Aug 10, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

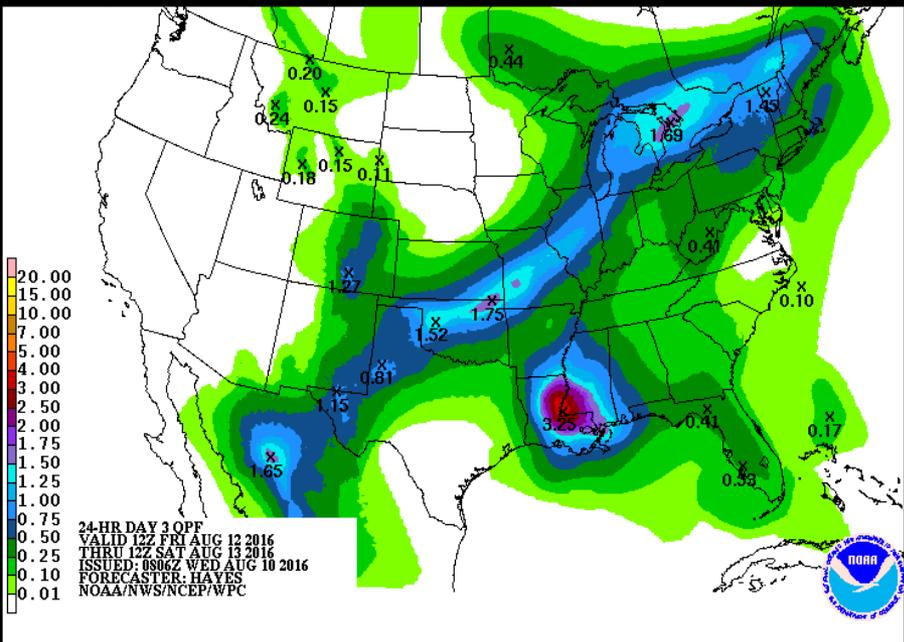


Friday's Weather

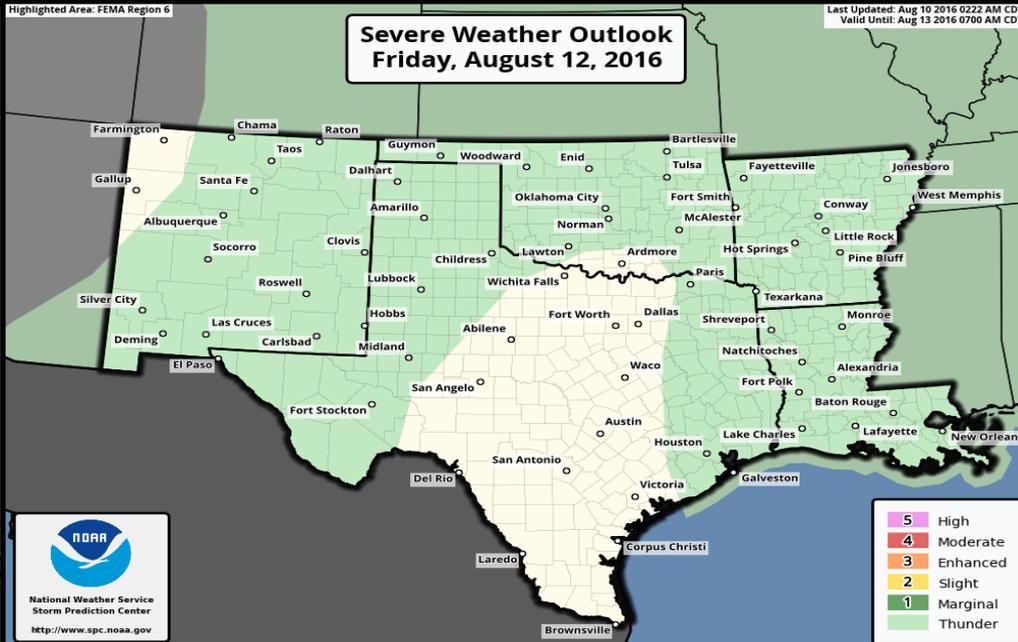


Afternoon heat index values of 105+ degrees in S/E TX, E OK, W AR/LA.
Areas of flash flooding in NM, far W TX, and S LA.

Weather Forecast for Fri, Aug 12, 2016, issued 4:58 AM EDT Wed, Aug 10, 2016
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds based on WPC, SPC and NHC forecasts



24-HR DAY 3 OPF
 VALID 12Z FRI AUG 12 2016
 THRU 12Z SAT AUG 13 2016
 ISSUED: 0806Z WED AUG 10 2016
 FORECASTER: HAYES
 NOAA/NWS/NCEP/WPC



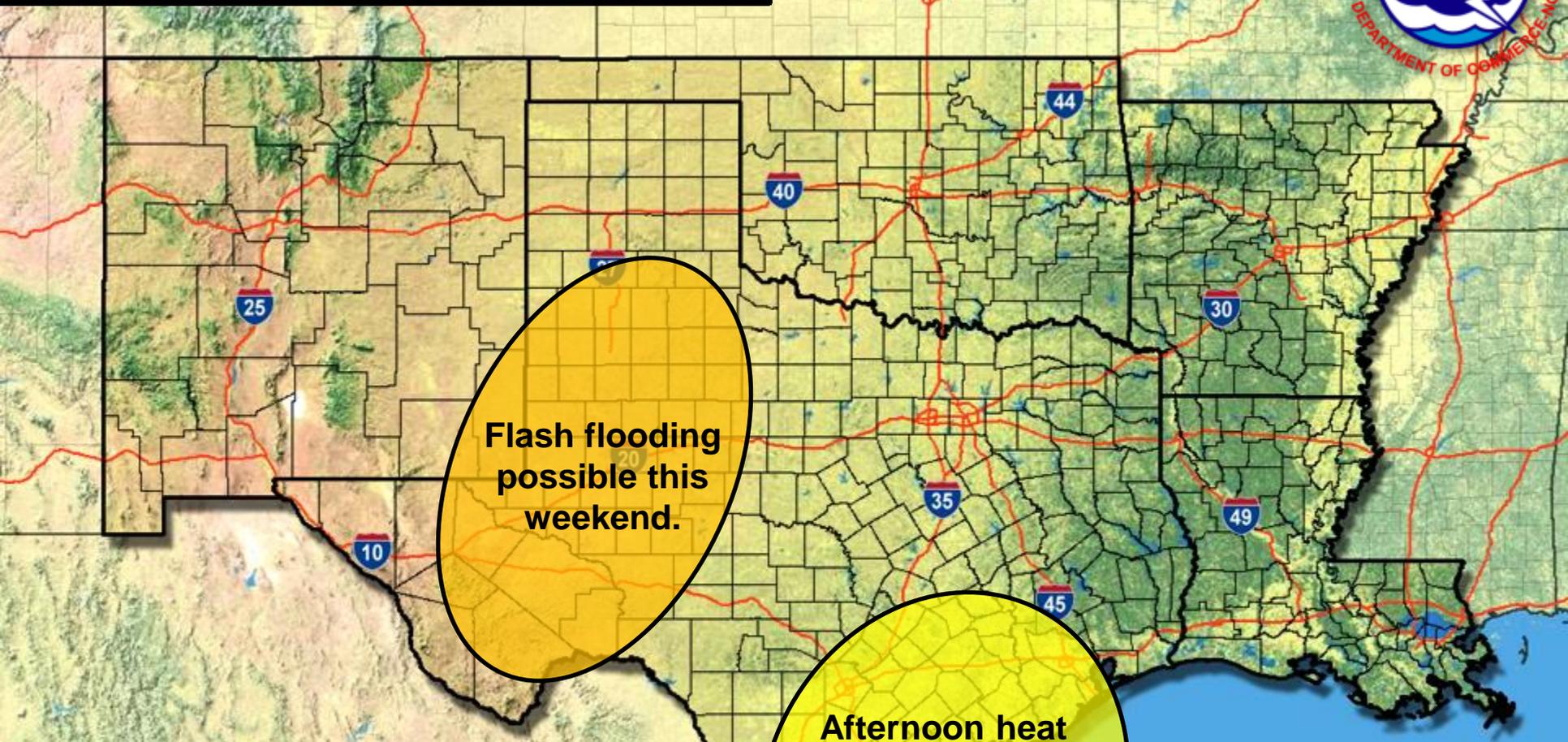
Severe Weather Outlook
Friday, August 12, 2016

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



Day 4-5 Weather Hazards

Valid: 0800 Sat - 0800 Mon



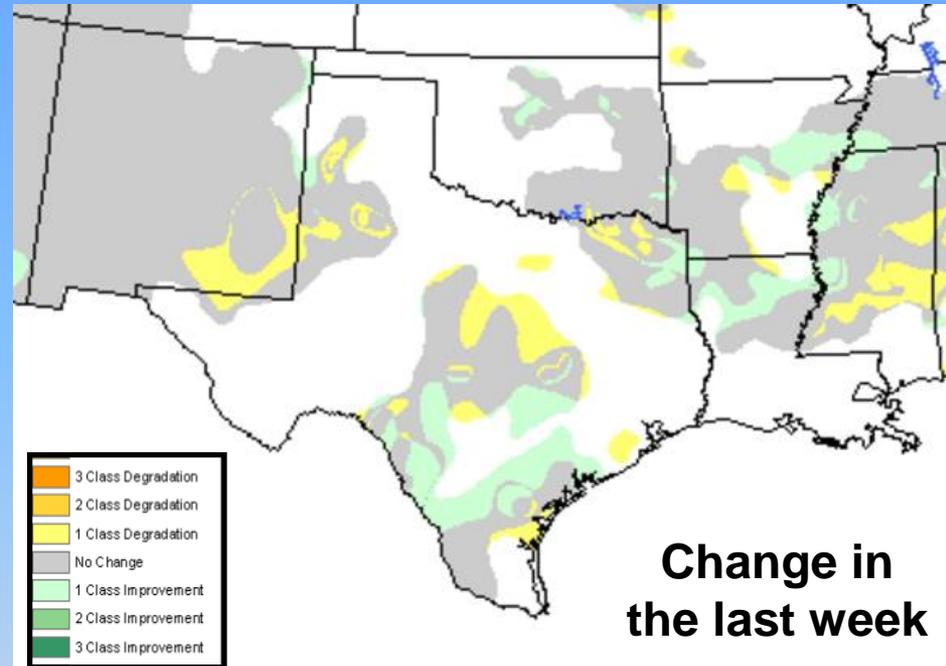
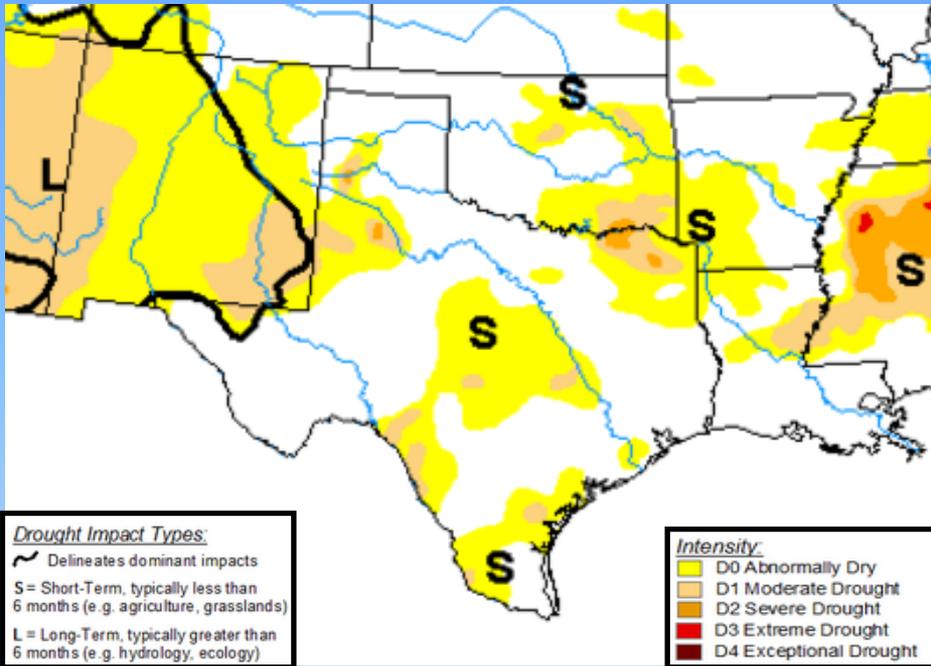
| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

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



Drought Monitor Released July 28, 2016

Data valid as of 7am CDT, Thursday August 04, 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% |

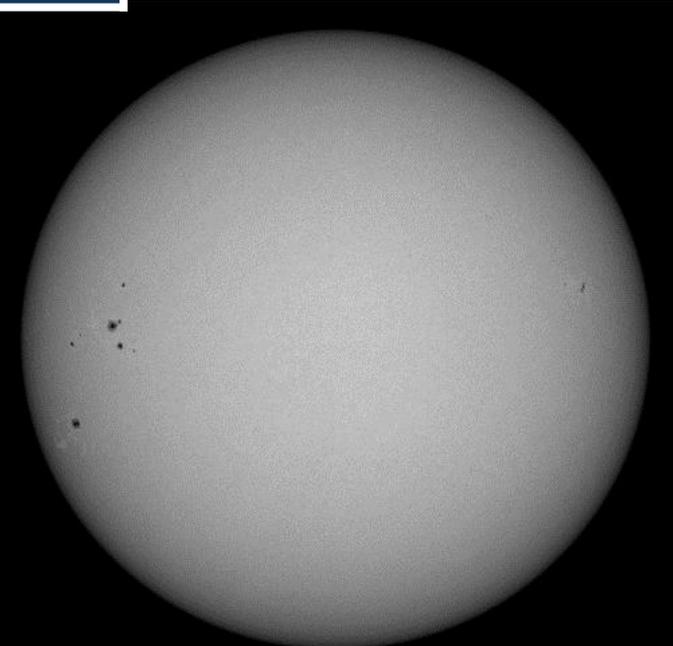
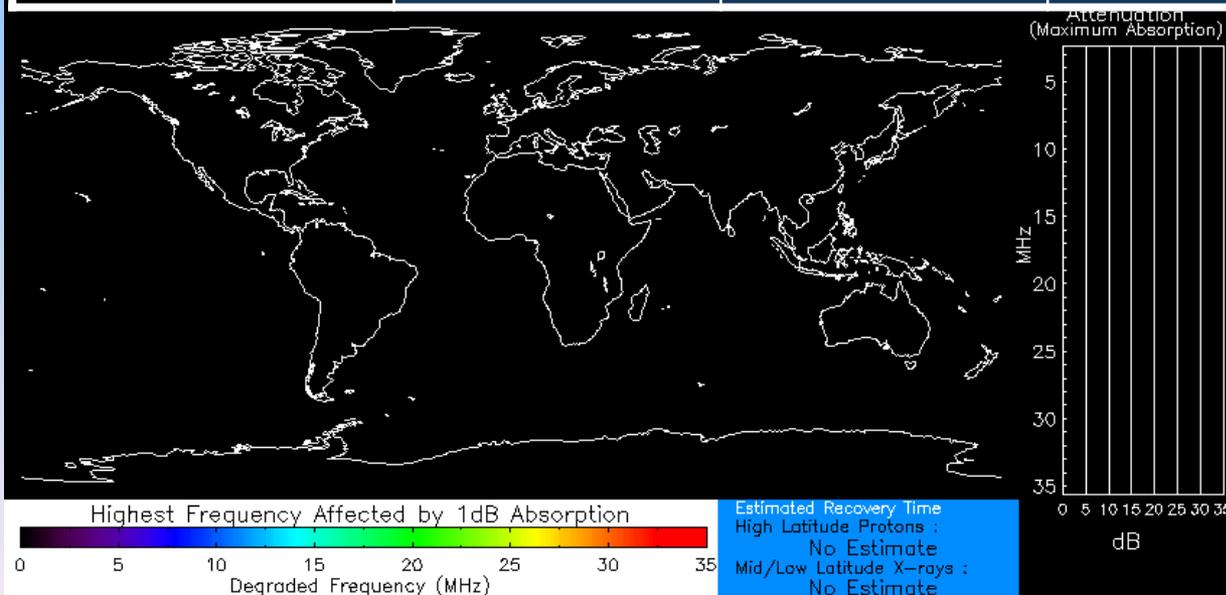
Space Weather 3-Day Forecast



| | Wednesday | Thursday | Friday |
|-------------------------------|---------------------------------|---------------------------------|--------------------|
| Geomagnetic Storms | 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) | 15% | 15% | 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 : 2016-08-10 12:08 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2016-08-10 11:22:00 UTC

Information provided by:



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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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@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 |