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 www.weather.gov/srh.
Summary of the Upcoming Week

• Isolated severe storms & flash flooding across NW TX into OK today and for NE OK/NW AR tomorrow.

• Isolated heavy rain/flash flooding for S-Central into SE LA Sunday continuing into Monday for SE LA.

• Low chance of tropical development near coastal GA/SC/NC. No impacts to FEMA Region 6.
# FEMA Region 6 Threat Matrix

Aug 17, 2019 - Aug 21, 2019

<table>
<thead>
<tr>
<th>DAY / THREAT</th>
<th>SAT</th>
<th>SUN</th>
<th>MON</th>
<th>TUE</th>
<th>WED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe Storms</td>
<td>OK, NW TX</td>
<td>NE OK/NW AR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td>OK</td>
<td>NE OK/NW AR</td>
<td>S-Central into SE LA</td>
<td>SE LA</td>
<td></td>
</tr>
<tr>
<td>Fire Weather</td>
<td>NW TX</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tropical Weather</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>River Flooding</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

For more details on the colors in the threat matrix refer to the last slide in this briefing.
Tropical Weather Outlook – Atlantic/Gulf

**FEMA Region 6 Threat Level**
No impacts to Region 6 expected.

**Tropical Formation Potential**
Low chance of tropical development of a weak surface trough over the northeastern Gulf of Mexico and northeastern FL as it moves northeastward near the coasts of GA/SC/NC.

- Formation chance through 48 hours – 10%
- Formation chance through 5 days – 20%

See [http://www.hurricanes.gov](http://www.hurricanes.gov) for the latest on the tropics or any active storms.
5-Day Precipitation Forecast & River Flood Status

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall.

No significant river flood impacts occurring or forecast.

http://water.weather.gov/ahps for latest river flooding
Today’s Weather

**Forecast Chart**

- **SR ROC REGIONAL OPERATIONS CENTER**

**Today’s Weather**

- **Excessive Rainfall Outlook**
  - Isolated severe storms with damaging winds/hail possible over NW TX into OK.

- **Isolated heavy rain/flash flooding possible for the northern half of OK.**

**Severe Weather Outlook**

- **Forecast Rainfall**
  - Graphic Created: August 17th, 2019 6:43 AM CDT
  - Yard Ending Sunday August 18th, 2019 6:00 AM CDT

- **Rain/Thunderstorms**
  - **None**
  - **Heavy Rain/Flash Flooding Possible**

- **Forecast Rainfall**
  - Up to 0.1 inch
  - 0.1 to 0.25 inches
  - 0.25 to 0.5 inches
  - 0.5 to 1.0 inches
  - 1.0 to 1.5 inches
  - 1.5 to 2.0 inches
  - 2.0 to 3.0 inches
  - 3.0 to 4.0 inches
  - 4.0 to 6.0 inches
  - 6.0 to 8.0 inches
  - 8.0 to 10.0 inches
  - 10.0 to 15.0 inches
  - 15.0 to 25.0 inches
  - 20.0 to 30.0 inches
  - 30.0 to 50.0 inches
Heat Advisories today for much of OK and TX into SW AR/NW LA.

Red Flag Warning in effect from 4pm this afternoon to midnight tonight for dry lightning and locally strong wind gusts leading to potential new starts and spread of existing fires for the TX Rolling Plains and adjacent Eastern South Plains.
Isolated severe storms with damaging winds/hail possible over NE OK/NW AR.
Isolated heavy rain/flash flooding possible for NE OK/NW AR and for S-Central into SE LA.
Monday's Weather

Forecast Chart

Forecast Rainfall

Isolated heavy rain/flash flooding possible for SE LA.

Severe Weather Outlook

Excessive Rainfall Outlook
Days 4-5 Weather Hazards
Tuesday - Wednesday

No Significant Weather Impacts

*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

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
## Space Weather 3-Day Forecast

<table>
<thead>
<tr>
<th></th>
<th>Saturday</th>
<th>Sunday</th>
<th>Monday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Geomagnetic Storms</strong></td>
<td>Quiet (Max Kp = 2)</td>
<td>Quiet (Max Kp = 2)</td>
<td>Quiet to Unsettled (Max Kp = 3)</td>
</tr>
<tr>
<td><strong>Solar Radiation Storm (S1-S5)</strong></td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td><strong>Radio Blackout (R1-R2)</strong></td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td><strong>Radio Blackout (R3-R5)</strong></td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
</tbody>
</table>

### Click here for a Description of the Space Weather Storm Scales

### Click here for the Latest 3-Day Space Weather Forecast Text

8/17/2019 8:21 AM
For more information, please contact:

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

Phone:  (682) 703-3747
E-mail:  sr-srh.roc@noaa.gov
Web:   http://www.weather.gov/srh
### Weather “Threat” Matrix

<table>
<thead>
<tr>
<th>Color</th>
<th>Definition</th>
<th>Criteria</th>
<th>Example(s)</th>
</tr>
</thead>
</table>
| 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 sea breeze 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/déjà mx is expected to move through or near the DFW area tomorrow morning; travel impacts likely  
• Numerous severe storms possible, a few tornadoes expected 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 (Cat 5 or greater) 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, 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 |

Criteria for the color codes in this briefing is to the left, please provide any feedback to **sr-srh.roc@noaa.gov**