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.
Today
  • Isolated strong to severe thunderstorms possible in NE AR. Damaging winds and large hail are the primary threats.

Thursday
  • No significant weather expected.

Friday - Sunday
  • Severe storms expected Friday night from the E Panhandles, W OK into W TX; large hail and a few tornadoes are possible.
  • Severe storms and heavy rainfall/flash flooding possible Saturday over much of OK and TX.
  • Severe storms and some heavy rain may continue over AR and LA on Sunday.

Major River Flooding or Known Evacuations
  • Major flooding continues on the MS River at Baton Rouge, LA.
  • The Upper Sabine River in NETX, the Calcasieu River, the Ouachita River in N LA and the Trinity River at Liberty have reached major flood stage. Some homes possibly flooded near Liberty.
### FEMA Region 6 Threat Matrix

**May 15, 2019 – May 19, 2019**

<table>
<thead>
<tr>
<th>DAY / THREAT</th>
<th>WED</th>
<th>THU</th>
<th>FRI</th>
<th>SAT</th>
<th>SUN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe Storms</td>
<td>AR</td>
<td></td>
<td>TX/OK</td>
<td>OK, TX</td>
<td>AR</td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td></td>
<td></td>
<td></td>
<td>OK, TX</td>
<td>AR, LA</td>
</tr>
<tr>
<td>Winter Weather</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fire Weather</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>River Flooding</td>
<td>TX, LA</td>
<td>TX, LA</td>
<td>TX, LA</td>
<td>TX/LA</td>
<td>TX/LA</td>
</tr>
<tr>
<td></td>
<td>AR</td>
<td>AR</td>
<td>AR</td>
<td>AR</td>
<td>AR</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.

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**Legend:**
- 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
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.

Points along the MS River in AR and LA remain at moderate/major flood stage.
- Osceola (AR) will remain at moderate flood stage through the middle of next week with many roads under water.
- Arkansas City will crest later this week and remain in moderate flood through next week.
- At Red River Landing (LA), camps and roads will be flooded, and Angola Landing is flooded, closing the ferry.
- Near Baton Rouge, major flooding will continue with mostly navigational impacts.

The USACE has re-opened the Bonnet Carre Floodway to reduce water levels at New Orleans & will remain open until further notice.

Minor to moderate river flooding is occurring across ETX, AR, OK, and LA. Impacts remain mostly to agriculture, roads and lowlands. The Upper Sabine River in NE TX, the Calcasieu River, the Ouachita River in N LA and the Trinity River at Liberty have reached major flood stage. Impacts to some residences are possible.

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

Forecast Chart

Today’s Weather

Forecast Rainfall

Isolated strong to severe thunderstorms possible in NE AR. Damaging winds and large hail are the primary threats.
Tomorrow’s Weather

Forecast Chart

Excessive Rainfall Outlook

Severe Weather Outlook

Forecast Rainfall

- No significant weather impacts expected.
Severe storms expected Friday night from the E Panhandles, W OK into W TX; large hail and a few tornadoes are possible.
Days 4-5 Weather Hazards

Saturday - Sunday

Severe thunderstorms and heavy rainfall/flash flooding possible Saturday

Severe storms possible Sunday

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.

*Threat levels are based on FEMA Region 6 criteria.
## Space Weather 3-Day Forecast

<table>
<thead>
<tr>
<th></th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Geomagnetic Storms</strong></td>
<td>Minor (G1) Storm (Max Kp = 5)</td>
<td>Minor (G1) Storm (Max Kp = 5)</td>
<td>Unsettled (Max Kp = 4)</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>

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

**Click here for the Latest 3-Day Space Weather Forecast Text**
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
<table>
<thead>
<tr>
<th>Color</th>
<th>Definition</th>
<th>Criteria</th>
<th>Example(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Green</strong></td>
<td>Very Common</td>
<td>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines</td>
<td>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</td>
</tr>
<tr>
<td><strong>Yellow</strong></td>
<td>Somewhat Common – Happens Frequently</td>
<td>Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life</td>
<td>Severe: Slight Risk from SPC Flooding: Nil or minor flooding 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 outlook enhanced or critical fire outlook</td>
</tr>
<tr>
<td><strong>Orange</strong></td>
<td>Uncommon – A Few Times a Year</td>
<td>Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life</td>
<td>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</td>
</tr>
<tr>
<td><strong>Red</strong></td>
<td>Rare – Once every 1-5 Years</td>
<td>Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life</td>
<td>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</td>
</tr>
<tr>
<td><strong>Purple</strong></td>
<td>Very Rare – Once Every 5-10 Years</td>
<td>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</td>
<td>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 area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought</td>
</tr>
</tbody>
</table>

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