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

Today
• Elevated to critical fire weather conditions possible across NM & W TX.

Monday
• Thunderstorms with large hail and isolated wind damage may develop across parts of the southern High Plains late Monday afternoon through the overnight period.

Tuesday - Thursday
• Strong to severe storms with isolated wind damage and hail are possible over S-Central TX on Tuesday, expanding into SETX on Wednesday before shifting over AR & LA on Thursday.
• Isolated heavy rain/flash flooding is possible over ETX and LA Wednesday/Thursday.

River Flooding
• Moderate to Major river flooding will continue on the Mississippi River.
• The Ouachita River at Monroe (in N-Central LA) may rise to near major flood levels later this week with mostly agricultural and recreational impacts.
• Minor flooding occurring or expected elsewhere across ETX, LA and AR with no major impacts anticipated.
# FEMA Region 6 Threat Matrix

**Apr 21, 2019 – Apr 25, 2019**

<table>
<thead>
<tr>
<th>DAY / THREAT</th>
<th>SUN</th>
<th>MON</th>
<th>TUE</th>
<th>WED</th>
<th>THU</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Severe Storms</strong></td>
<td></td>
<td><strong>SW OK, TX South Plains</strong></td>
<td><strong>S-Central TX</strong></td>
<td><strong>S-Cntrl &amp; SETX</strong></td>
<td><strong>AR, LA</strong></td>
</tr>
<tr>
<td></td>
<td>E NM, NW TX, W OK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Heavy Rain / Flash Flooding</strong></td>
<td></td>
<td><strong>NW TX, OK</strong></td>
<td><strong>ETX, W LA</strong></td>
<td></td>
<td><strong>AR, LA</strong></td>
</tr>
<tr>
<td><strong>Winter Weather</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Fire Weather</strong></td>
<td><strong>NM, Extreme W TX</strong></td>
<td><strong>S NM</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>River Flooding</strong></td>
<td><strong>LA</strong></td>
<td><strong>LA</strong></td>
<td><strong>LA</strong></td>
<td><strong>LA</strong></td>
<td><strong>LA</strong></td>
</tr>
<tr>
<td></td>
<td><strong>AR, ETX</strong></td>
<td><strong>AR, ETX</strong></td>
<td><strong>AR, ETX</strong></td>
<td><strong>AR</strong></td>
<td><strong>AR</strong></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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- 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.

Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.
- MS River at Baton Rouge will remain in major flood stage. Shipping and industrial activities are significantly affected.
- The Bonnet Carre Spillway is operating to reduce flow and maintain just under a 17.0ft stage at New Orleans. It will remain open until further notice. No impacts are noted.

Moderate river flooding is occurring along the Ouachita and Boeuf Rivers and the Atchafalaya River at Morgan City in LA. No major impacts expected. The Ouachita at Monroe may rise to near major flood levels later this week with mostly agricultural and recreational impacts.

The MS River at Osceola, AR is expected to rise into moderate flood stage again mid-week and crest next weekend. Many roads will be impacted.

Minor flooding ongoing elsewhere across AR, LA and ETX with no major impacts expected.

See [http://water.weather.gov/ahps](http://water.weather.gov/ahps) for the latest on river flooding.
Today's Weather

Forecast Chart

Weather valid 8am EDT Sun Apr 21 2019 to 8am EDT Mon Apr 22 2019, Forecasts valid 8am EDT Sun Apr 21 2019

Severe Weather Outlook

Sunday, April 21, 2019

Excessive Rainfall Outlook

Forecast Rainfall

Valid ending Monday April 22nd, 2019 at 7AM CDT

No significant weather impacts expected.

Graph Created April 21st, 2019 7:48 AM CDT

SR ROC
REGIONAL OPERATIONS CENTER

www.weather.gov/srh
Thunderstorms with large hail and isolated wind damage may develop across parts of the southern High Plains late Monday afternoon through the overnight period.
Strong to severe storms with isolated wind damage and hail are possible in the afternoon and evening over S-Central TX.

Some isolated heavy rain/flash flooding is possible over NW TX into OK.
Days 4-5 Weather Hazards

Wednesday - Thursday

- Heavy rain/isolated flooding possible Wednesday
- Strong to severe storms possible Wednesday
- Lingering strong storms possible Thursday

*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.
# Space Weather 3-Day Forecast

<table>
<thead>
<tr>
<th></th>
<th>Sunday</th>
<th>Monday</th>
<th>Tuesday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Geomagnetic Storms</strong></td>
<td><strong>Quiet</strong> <em>(Max Kp = 2)</em></td>
<td><strong>Quiet</strong> <em>(Max Kp = 2)</em></td>
<td><strong>Quiet to Unsettled</strong> <em>(Max Kp = 3)</em></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>
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](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>
<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: 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 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.