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
• Isolated severe thunderstorms (hail/damaging wind) with heavy rain/flash flooding across SW TX.

Tuesday – Thursday
• No significant weather impacts expected.

Friday
• Severe thunderstorms possible across W TX.

Major River Flooding or Known Evacuations
• Major flooding on the MS River at Baton Rouge, LA and Osceola, AR.
• The Trinity River at Liberty is at major flood stage and continues to rise.
### FEMA Region 6 Threat Matrix

**May 13, 2019 – May 17, 2019**

**Threat Levels**
- 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

**No Weather Threats Expected**

### Day / Threat

<table>
<thead>
<tr>
<th></th>
<th>MON</th>
<th>TUE</th>
<th>WED</th>
<th>THU</th>
<th>FRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe Storms</td>
<td><strong>SW TX</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>WTX</strong></td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td><strong>SW TX</strong></td>
<td></td>
<td></td>
<td></td>
<td></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>OK, TX, LA</td>
<td>TX, LA</td>
<td>TX, LA</td>
<td>TX, LA</td>
<td>TX, LA</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.
Points along the MS River in AR and LA remain at moderate flood stage, with Baton Rouge, LA remaining in major flood stage. Osceola (AR) will remain at moderate flood stage. Impacts are primarily to secondary roads, agriculture, and navigation. The city of Baton Rouge is protected by levees. A few homesteads may be impacted later this week near Osceola.

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

Minor to moderate river flooding is occurring across E TX, AR, OK, and LA. Impacts remain limited to agricultural interests and lowlands. Trinity River at Liberty has reached major flood stage. Impacts to residences are possible.

http://water.weather.gov/ahps for latest river flooding
Severe thunderstorms (hail/damaging wind) with flash flooding across SW TX. Flooding continues across SE TX/LA.
Severe thunderstorms (hail/damaging wind) with rainfall/flash flooding across SW TX.

Flooding continues across SE TX/LA
Wednesday’s Weather

Forecast Chart

No significant weather impacts expected.

Severe Weather Outlook

Excessive Rainfall Outlook

www.weather.gov/srh
Days 4-5 Weather Hazards

Thursday - Friday

Severe thunderstorms possible Friday

*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>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Geomagnetic Storms</strong></td>
<td>Quiet (Max Kp = 2)</td>
<td>Quiet (Max Kp = 2)</td>
<td>Minor (G1) Storm (Max Kp = 5)</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

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**Attenuation (Maximum Absorption)**

- **Highest Frequency Affected by 1dB Absorption**
- **Degraded Frequency (MHz)**
- **Estimated Recovery Time**
- **High/Latitude Protons**: No Estimate
- **Mid/Latitude X-rays**: No Estimate

**Normal X-ray Background**

**Normal Proton Background**

Product Valid At: 2019-05-13 12:36 UTC

NOAA/SWPC Boulder, CO USA

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5/13/2019 7:38 AM

www.weather.gov/srh
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>
<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 top 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 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 for 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.