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 through Thursday
• Slight risk of severe storms today over the TX Panhandle, OK, and NW AR. Wind is the main threat. Isolated heavy rain over SE LA
• Isolated strong to severe storms and isolated heavy rain over S LA Thursday

Friday through Sunday
• Heavy rain/flooding threat increases across LA and southeast/east TX
• Isolated severe weather possible across S LA and SE TX Friday

Tropical Weather Outlook
• Tropical depression likely to develop late today or Thursday in the Northern Gulf of Mexico and move westward
• Increasing threat of wind and storm surge impacts in addition to heavy rain for parts of LA, perhaps the Upper Texas Coast
### FEMA Region 6 Threat Matrix

**July 10, 2019 – July 14, 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><strong>Severe Storms</strong></td>
<td>TX Panhandle, OK, NW AR</td>
<td>SE LA</td>
<td>S LA</td>
<td>SE &amp; E TX</td>
<td></td>
</tr>
<tr>
<td><strong>Heavy Rain / Flash Flooding</strong></td>
<td>SE LA</td>
<td>S LA</td>
<td>S LA</td>
<td>LA</td>
<td>LA</td>
</tr>
<tr>
<td><strong>Fire Weather</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Tropical Weather</strong></td>
<td></td>
<td></td>
<td>LA</td>
<td>LA</td>
<td></td>
</tr>
<tr>
<td><strong>River Flooding</strong></td>
<td>MS River</td>
<td>MS River</td>
<td>MS River</td>
<td>MS River</td>
<td>MS River</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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**Key to Colors:***
- **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**

7/10/2019 8:03 AM www.weather.gov/srh
Tropical Cyclone Formation Chances
Tropical depression likely to develop by late Wednesday or Thursday in the Northern Gulf of Mexico and move westward.
• Formation chances through 48 hours – 90%
• Formation chances through 5 days – 90%

Potential Impacts to FEMA Region 6
Main impact at this time is heavy rainfall/flooding possible across portions of LA, Upper TX Coast late this week possibly into early next week.
5-Day Precipitation Forecast & River Flood Status

Latest on the MS River Flooding:

- **Arkansas**: All points are receding. At or expected to drop into minor flood stage by the end of this week. Mostly roads and agricultural impacts.

- **Louisiana (except Baton Rouge)**: Slow recession, maintaining moderate flood stage into mid-late July. Roads, several homes, some businesses remain flooded.

- **Baton Rouge**: Will remain in major flood, around 42 to 43 feet. Impacts are primarily to river traffic and industrial activity.

- **Bonnet Carre spillway** continues to operate and will close over the next couple of weeks.

River Flooding from Tropical Development:

- Forecast for New Orleans – Climbing to near 20 feet on Saturday is near the top of the levees

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

Forecast Chart

Forecast Rainfall

Severe Weather Outlook

Excessive Rainfall Outlook

Slight risk of severe storms over TX Panhandle, OK, and NW AR

Heavy rain/flooding threat increases across SE LA
Tomorrow’s Weather

Forecast Chart

Forecast Rainfall

- Isolated severe storms across SE LA
- Isolated flash flooding possible across S LA

Severe Weather Outlook

Excessive Rainfall Outlook

- Risk of rainfall exceeding flash flood guidance within 25 miles of a point
  - HIGH: > 50%
  - SLGT: 10%-20%
  - MDT: 20%-50%
  - MRGL: 5%-10%

www.weather.gov/srh
Friday's Weather

Forecast Rainfall

<table>
<thead>
<tr>
<th>Rainfall Category</th>
<th>Forecasted Rainfall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 0.1 inch</td>
<td></td>
</tr>
<tr>
<td>0.1 to 0.25 inches</td>
<td></td>
</tr>
<tr>
<td>0.25 to 0.5 inches</td>
<td></td>
</tr>
<tr>
<td>0.5 to 1.0 inches</td>
<td></td>
</tr>
<tr>
<td>1.0 to 1.5 inches</td>
<td></td>
</tr>
<tr>
<td>1.5 to 2.0 inches</td>
<td></td>
</tr>
<tr>
<td>2.0 to 3.0 inches</td>
<td></td>
</tr>
<tr>
<td>3.0 to 4.0 inches</td>
<td></td>
</tr>
<tr>
<td>4.0 to 6.0 inches</td>
<td></td>
</tr>
<tr>
<td>6.0 to 8.0 inches</td>
<td></td>
</tr>
<tr>
<td>8.0 to 10.0 inches</td>
<td></td>
</tr>
<tr>
<td>10.0 to 15.0 inches</td>
<td></td>
</tr>
<tr>
<td>15.0 to 20.0 inches</td>
<td></td>
</tr>
<tr>
<td>20.0 to 30.0 inches</td>
<td></td>
</tr>
<tr>
<td>30.0 to 50.0 inches</td>
<td></td>
</tr>
</tbody>
</table>

Isolated severe storms possible in S LA & SETX.

Isolated flash flooding possible in S LA.
**Days 4-5 Weather Hazards**

**Saturday – Sunday**

- 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.*

For more details on the colors in the threat matrix refer to the last slide in this briefing.

*Heavy rainfall/flooding possible*
## 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>Quiet to Unsettled (Max Kp = 3)</td>
<td>Quiet (Max Kp = 2)</td>
<td>Quiet (Max Kp = 2)</td>
</tr>
<tr>
<td>Solar Radiation Storm (S1-S5)</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>Radio Blackout (R1-R2)</td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
</tr>
<tr>
<td>Radio Blackout (R3-R5)</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

**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

@NWS_Southern_US  https://twitter.com/NWS_Southern_US
https://www.facebook.com/NWSSouthern
### Weather “Threat” Matrix

<table>
<thead>
<tr>
<th>Color</th>
<th>Definition</th>
<th>Criteria</th>
<th>Example(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</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>Yellow</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 elevated fire outlook.</td>
</tr>
<tr>
<td>Orange</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>Red</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: An 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>Purple</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 areas 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.