FEMA Region 6
Weather Threat Briefing
Sunday, April 14, 2019

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 - Tuesday

- Elevated fire weather conditions across NM into the TX/OK Panhandles.

Wednesday

- Severe thunderstorms possible across E OK/TX into AR/LA. Heavy rainfall/isolated flash flooding possible across AR.

Thursday

- Severe thunderstorms possible across E AR and LA.

River Flooding

- Moderate to Major river flooding will continue on the Mississippi River in E/SE LA.
  - Impacts to shipping and industrial activities on the river, numerous flooded roadways near the river.
  - Current forecasts show levels will continue to fall into next week. However, current forecasts do not account for any additional rainfall beyond 24 hours or any flooding from the upstream portions of the MS River.
- Minor flooding occurring across NE TX/N LA and AR; no major impacts expected.
**FEMA Region 6 Threat Matrix**

**Apr 14, 2019 – Apr 18, 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>Severe Storms</td>
<td></td>
<td></td>
<td></td>
<td>ETX/E OK/AR/LA</td>
<td>LA/E AR</td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td></td>
<td></td>
<td></td>
<td>AR</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>NM</td>
<td>NM</td>
<td>TX/OK Panhandles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>River Flooding</td>
<td>E/SE LA</td>
<td>E/SE LA</td>
<td>E/SE LA</td>
<td>E/SE LA</td>
<td>E/SE LA</td>
</tr>
<tr>
<td></td>
<td>AR/N LA/NE TX</td>
<td>AR/N LA/NE TX</td>
<td>AR/N LA/NE TX</td>
<td>AR/N LA/NE TX</td>
<td>AR/N LA/NE TX</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.
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 is at Major flood. Current forecasts have levels dropping into Moderate flood next week. Shipping and industrial activities are significantly affected.
- Several other points remain at moderate flood.
- The Bonnet Carre Spillway is operating to reduce flow and maintain just under a 17.0ft stage at New Orleans. It will remain open for a couple of more weeks. No impacts are noted.

Minor river flooding will continue for much of this week on the MS River in E AR.

Note: Current forecasts do not account for any additional rainfall beyond 24 hours or any additional flooding from the upstream portions of the Mississippi River.

Minor flooding ongoing across NE TX/AR and N LA. No major impacts expected.

See [http://water.weather.gov/ahps](http://water.weather.gov/ahps) for the latest on river flooding.
No significant weather impacts expected.
Tomorrow's Weather

Forecast Chart

Forecast Rainfall

Severe Weather Outlook

Excessive Rainfall Outlook

No significant weather impacts expected.
Fire Weather Outlooks

Today’s Fire Weather Outlook

Tomorrow’s Fire Weather Outlook

Elevated
Critical
Extreme
Tuesday’s Weather

Forecast Chart

No significant weather impacts expected.

Forecast Rainfall

Severe Weather Outlook

Excessive Rainfall Outlook

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

Wednesday – Thursday

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

Heavy rainfall/isolated flash flooding possible Wednesday
Severe thunderstorms possible Wednesday

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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>Quiet (Max Kp = 2)</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
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>Green</td>
<td>Very Common: Rarely a Direct Threat to Life and Property</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>
<td>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 seabreeze storms in coastal TX</td>
</tr>
<tr>
<td>Yellow</td>
<td>Somewhat Common – Happens Frequently: Rarely a Direct Threat to Life and Property</td>
<td>Severe: Slight Risk from SPC Flooding: Nuance 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 for critical fire outlook</td>
<td>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&quot; hail</td>
</tr>
<tr>
<td>Orange</td>
<td>Uncommon – A Few Times a Year: Often Threatening to Life and Property, Some Damage Unavoidable</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>
<td>A snow/ice mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected</td>
</tr>
<tr>
<td>Red</td>
<td>Rare – Once every 1-5 Years: Extensive Property Damage Likely, Life Saving Actions Also will be Needed</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>
<td>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</td>
</tr>
<tr>
<td>Purple</td>
<td>Very Rare – Once Every 5-10 Years: Property Damage Unavoidable, Immediate Action to Save Life will be Needed</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>
<td>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</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.