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 fire weather conditions possible across E NM/Far W TX.

Tomorrow
- Slight risk area of severe storms across OK. Primary threat is for large hail.
- Critical fire weather conditions possible in E NM.

Saturday
- Isolated severe storms capable of producing hail/damaging winds possible in E AR/NE LA.
- Critical fire weather conditions possible in E NM/W TX.

Sunday - Monday
- No significant weather impacts expected.

River Flooding
- Moderate to major flooding will continue through March on the Mississippi River in E AR/E LA.
  - Impacts to shipping and industrial activities on the river, with numerous flooded roadways near the river.
  - All points have crested and many areas are forecast to drop into lower flood stages, but flooding will likely continue through April along the lower Mississippi River.
- A few rivers in portions of AR/LA will remain in minor flood stage with minimal impacts.
### FEMA Region 6 Threat Matrix

**Mar 28, 2019 – Apr 1, 2019**

<table>
<thead>
<tr>
<th>DAY / THREAT</th>
<th>THU</th>
<th>FRI</th>
<th>SAT</th>
<th>SUN</th>
<th>MON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe Storms</td>
<td></td>
<td></td>
<td>E AR/NE LA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td></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>NM/Far W TX</td>
<td>E NM</td>
<td>E NM/W TX</td>
<td></td>
<td></td>
</tr>
<tr>
<td>River Flooding</td>
<td>E AR/E LA</td>
<td>E AR/E LA</td>
<td>E AR/E LA</td>
<td>E AR/E LA</td>
<td>E AR/E 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.
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 flooding will continue into April on the Mississippi River in E AR/E LA. Keep in mind that current forecasts do not account for any additional rainfall or any flooding from the upstream portions of the Mississippi River.

Arkansas
- MS River is in moderate to major flood in eastern AR, with flooding of county roads/fields along the river and most land inside the levee protections.

Louisiana
- MS River at Baton Rouge is at Major flood. 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. No significant impacts are noted.

A few rivers in AR/LA are in minor flood stage with minimal impacts.

See [http://water.weather.gov/ahps](http://water.weather.gov/ahps) for the latest on river flooding.
No significant weather impacts expected.
Elevated fire weather conditions possible across much of NM into Far West TX.
Fire Weather Watch in effect for E NM for expected critical fire weather conditions on Friday.
Tomorrow’s Weather

Forecast Chart

Forecast Rainfall

Excessive Rainfall Outlook

Slight risk area for severe storms across OK. Primary threat is for large hail.
Tomorrow’s Fire Weather Outlook

Critical fire weather conditions possible in eastern NM.

Lager area of enhanced fire weather conditions possible across the rest of NM into WTX.
Saturday’s Weather

Forecast Chart

- Severe Weather Outlook
  - Critical fire weather conditions possible in E NM/W TX.
  - Isolated severe storms possible in E AR/NE LA.

- Excessive Rainfall Outlook

Forecast Rainfall

- Up to 0.1 inch
- 0.1 to 0.25 inches
- 0.25 to 0.5 inches
- 0.5 to 1.0 inches
- 1.0 to 1.5 inches
- 1.5 to 2.0 inches
- 2.0 to 3.0 inches
- 3.0 to 4.0 inches
- 4.0 to 6.0 inches
- 6.0 to 8.0 inches
- 8.0 to 10.0 inches
- 10.0 to 15.0 inches
- 15.0 to 20.0 inches
- 20.0 to 30.0 inches
- 30.0 to 50.0 inches

Saturday, March 30, 2019

Weather Valid 00Z EDT Sat Mar 30 2019 to 00Z EDT Sun Mar 31 2019
Forecasts Valid 00Z EDT Sat Mar 30 2019 to 00Z EDT Mon Mar 31 2019

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

No significant weather impacts expected.

*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>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Geomagnetic Storms</strong></td>
<td>Unsettled to Active (Max Kp = 4)</td>
<td>Unsettled (Max Kp = 3)</td>
<td>Quiet (Max Kp = 2)</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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The image contains a table showing the space weather forecast for three days, with details on geomagnetic storms, solar radiation storms, and radio blackouts. The table also includes a map and graphs showing the expected frequency bands and degradations. The forecast is valid from Thursday to Saturday, with specific values for each day. Additional links are provided for further information on space weather scales and the latest 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
# 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 - 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>
<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 seacorefree storms in coastal TX.</td>
</tr>
<tr>
<td>Yellow</td>
<td>Somewhat Common – Happens Frequently - 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: Nuance 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 outlines enhanced or 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” hail.</td>
</tr>
<tr>
<td>Orange</td>
<td>Uncommon – A Few Times a Year - 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>
<td>A snow/dirt 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 - 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>
<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 - 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>
<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-roc@noaa.gov.