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

• Severe storms possible today across eastern portions of FEMA 6. The primary hazard will be damaging winds, but hail and a few tornadoes are possible
  • Enhanced risk for severe storms over E AR
  • Slight risk for severe storms over W&C AR/N LA
• Heavy rainfall/flash flooding possible over E AR/N LA
• Strong winds across western half of FEMA 6
• Heavy snow over the mountain passes in N&W NM

Thursday – Sunday

• No significant weather impacts

River Flooding

• Moderate to Major flooding will continue this week and into next week on the Mississippi River at many locations in E AR/E LA
• The MS Flooding is slightly higher than 2016 & 1997
• Rainfall over the next 5 days may cause new minor river flooding across portions of N and ETX this week
<table>
<thead>
<tr>
<th>DAY / THREAT</th>
<th>WED</th>
<th>THU</th>
<th>FRI</th>
<th>SAT</th>
<th>SUN</th>
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</thead>
<tbody>
<tr>
<td>Severe Storms</td>
<td>E AR</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>W&amp;C AR/N LA</td>
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<tr>
<td>Heavy Rain / Flash Flooding</td>
<td>E AR/N LA</td>
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<td>Winter Weather</td>
<td>N&amp;W NM</td>
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<tr>
<td>Strong Winds</td>
<td>NM/ TX/ OK</td>
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<tr>
<td>Fire Weather</td>
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<tr>
<td>River Flooding</td>
<td>E AR/E LA</td>
<td>E AR/E LA</td>
<td>E AR/E LA</td>
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<tr>
<td></td>
<td>N &amp; ETX</td>
<td>N &amp; ETX</td>
<td>N &amp; ETX</td>
<td>N &amp; ETX</td>
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</tbody>
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*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.
Moderate to Major flooding will continue this week on the Mississippi River at many locations in E AR/E LA. The MS Flooding is slightly higher than 2016 & 1997.

Rainfall through today may cause new minor river flooding across portions of N and E TX through this weekend.

Arkansas
- All rivers have crested except the MS River.
- Mississippi River at Osceola and near Arkansas City remain at major flood, but have all crested.
- Mississippi River near Greenville, MS is in moderate and is currently cresting right at the threshold for major flood stage.

Louisiana
- MS River at Baton Rouge is at Major flood. Shipping and industrial activities are significantly affected. The city of Baton Rouge is protected by levees at the currently forecast levels.
- MS River at Vicksburg and Natchez are at major flood stage with homes and roads impacted.

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

Forecast Chart

Forecast Rainfall

Severe Weather Outlook

Excessive Rainfall Outlook

Enhanced risk of severe storms over EAR
Slight risk of severe storms over W&C AR/ N LA
Strong wind across NM/TX and OK
Heavy rain/flash flooding across EAR/N LA

SR ROC
REGIONAL OPERATIONS CENTER

www.weather.gov/srh
No significant weather impacts expected.
No significant weather impacts expected.
Days 4-5 Weather Hazards

Saturday – Sunday

No significant weather impacts expected.

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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>
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<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Geomagnetic Storms</strong></td>
<td>Unsettled (Max Kp = 3)</td>
<td>Unsettled to Active (Max Kp = 4)</td>
<td>Unsettled to Active (Max Kp = 4)</td>
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<tr>
<td><strong>Solar Radiation Storm (S1-S5)</strong></td>
<td>1%</td>
<td>1%</td>
<td>1%</td>
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<tr>
<td><strong>Radio Blackout (R1-R2)</strong></td>
<td>1%</td>
<td>1%</td>
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<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
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>
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<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 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 outline 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 to major 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/delay 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 strong winds and 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 4 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.