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](http://www.weather.gov/srh).
Summary of the Upcoming Week

Today
• Slight risk of severe thunderstorms across NE AR; damaging winds are the primary hazard with a few tornadoes possible.
• Isolated strong to severe thunderstorms possible over S AR into NE TX.
• Isolated heavy rain possible over NE AR.
• Elevated fire weather conditions across W TX into the Permian Basin.

Friday - Sunday
• No significant weather impacts expected.

Monday
• Another round of heavy rainfall possible for AR.

River Flooding
• Minor river flooding with minimal impacts continues across E TX into LA/AR. Additional rises across AR are possible this week.
• Releases from the Sam Rayburn Dam and Reservoir Spillway is continuing down the Angelina River in SE TX. Low lying areas will be flooded by these authorized spillway releases with additional increases likely this week.
### FEMA Region 6 Threat Matrix

**Feb 7, 2019 – Feb 11, 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>NE AR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>S AR/NE TX</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td>NE AR</td>
<td></td>
<td></td>
<td></td>
<td>AR</td>
</tr>
<tr>
<td>Winter Weather</td>
<td>NE OK</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fire Weather</td>
<td>W TX</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>River Flooding</td>
<td>ETX/LA/E AR</td>
<td>ETX/LA/E AR</td>
<td>ETX/LA/E AR</td>
<td>ETX/LA/E AR</td>
<td>ETX/LA/E AR</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.

---

**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

---

2/7/2019 7:49 AM

www.weather.gov/srh
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.

- Minor river flooding with minimal impacts continues across ETX, LA & E AR. Additional rises are possible across AR this week.
- Releases from the Sam Rayburn Dam and Reservoir Spillway is continuing down the Angelina River in SETX. Low lying areas will be flooded by these authorized spillway releases with additional increases likely this week.

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

Slight risk area for severe thunderstorms across NE AR.
Isolated strong to severe thunderstorms possible over S AR into NE TX
Isolated heavy rain possible across NE AR.
Today’s Fire Weather Outlook

Elevated fire weather conditions expected over W TX.
Severe thunderstorm watch across portions of AR.

Winter Weather Advisory/Ice Storm Warning for NE OK
Tomorrow’s Weather

Forecast Chart

Severe Weather Outlook

Friday, February 08, 2019

Excessive Rainfall Outlook

No significant weather expected.
No significant weather expected.
Days 4-5 Weather Hazards

Sunday - Monday

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 possible Monday

*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.
Drought Monitor (Released February 7, 2019)

Data valid as of 7am EST, Tuesday, February 5, 2019

Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

<table>
<thead>
<tr>
<th>State</th>
<th>Current</th>
<th>Last Week</th>
<th>3 Months Ago</th>
<th>1 Year Ago</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arkansas</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>2.37%</td>
</tr>
<tr>
<td>Louisiana</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>37.76%</td>
</tr>
<tr>
<td>Texas</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.42%</td>
<td>11.79%</td>
</tr>
<tr>
<td>New Mexico</td>
<td>14.98%</td>
<td>15.03%</td>
<td>22.08%</td>
<td>0.27%</td>
</tr>
</tbody>
</table>
# 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 to Active (Max Kp = 4)</td>
<td>Unsettled (Max Kp = 3)</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

![Map of Earth with radiation levels and frequency affected by dB absorption](image-url)
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](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><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 up 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: 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 outlooks 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 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>
</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.