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

• No significant weather impacts expected.

Friday through Monday

• Severe storms and heavy rain expected over portions of the Region.
  • Friday: TX, OK
  • Saturday: TX, OK, AR, LA
  • Monday: TX, OK

Major River Flooding or Known Evacuations

• Major flooding continues on the MS River at Baton Rouge, LA with impacts primarily to navigation.
• Major flooding on the Upper Sabine River in NE TX, the Calcasieu and Ouachita Rivers in N LA, and the Trinity River at Liberty in SE TX.
  • Impacts primarily to roads/agriculture except some homes possibly flooded near Liberty.
# FEMA Region 6 Threat Matrix

**May 16, 2019 – May 20, 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>NM, TX</td>
<td>WTX</td>
<td>CTX into Arklatex</td>
<td>NW TX into C OK</td>
<td>OK, TX</td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td>TX, OK</td>
<td>OK, TX, AR</td>
<td>OK, TX, AR</td>
<td>OK, TX</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, TX</td>
<td>NM, TX</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>River Flooding</td>
<td>TX, LA</td>
<td>TX, LA</td>
<td>TX/LA</td>
<td>TX/LA</td>
<td>TX/LA</td>
</tr>
<tr>
<td></td>
<td>AR</td>
<td>AR</td>
<td>AR</td>
<td>AR</td>
<td>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.

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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
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.

Points along the MS River in AR and LA remain at moderate/major flood stage.
- Osceola (AR) will remain at moderate through middle of next week with many roads under water.
- At Red River Landing (LA), camps and roads will be flooded, and Angola Landing is flooded, closing the ferry.
- Near Baton Rouge, major flooding will continue with mostly navigational impacts.

The USACE has re-opened the Bonnet Carre Floodway to reduce water levels at New Orleans & will remain open until further notice.

Minor to moderate river flooding is occurring across ETX, AR, OK, and LA. Impacts remain mostly to agriculture, roads and lowlands. Upper Sabine River in NE TX, Calcasieu and Ouachita Rivers in N LA, and Trinity River at Liberty in SE TX are at major flood stage. Impacts to roads and agriculture except for Liberty where some residences may be impacted.

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

Forecast Chart

Severe Weather Outlook

Thursday, May 16, 2019

Excessive Rainfall Outlook

Valid Ending Friday May 17th, 2019 at 7 AM CDT

Isolated strong to severe storms w/ gusty winds and marginally severe hail possible this afternoon in SE NM and W TX.
Severe storms expected late Friday afternoon into Friday night for W TX into W OK; very large hail (>2”), damaging winds, and a few tornadoes are possible.

Isolated heavy rain/flash flooding possible for W TX into SW OK.
Today’s Fire Weather Outlook

Tomorrow’s Fire Weather Outlook

- Elevated
- Critical
- Extreme
Severe storms are possible over a large area Saturday, including much of TX/OK/AR/LA, with the greatest threat across central/northeast Texas toward the Arklatex where a few tornadoes, hail and wind are possible.

Areas of heavy rain/flash flooding possible for N TX, E OK, and W AR.
Days 4-5 Weather Hazards

Sunday - Monday

Severe thunderstorms and heavy rainfall/flash flooding expected on 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.
# Space Weather 3-Day Forecast

**SR ROC**

**REGIONAL OPERATIONS CENTER**

**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>Moderate (G2) Storm (Max Kp = 6)</td>
<td>Minor (G1) Storm (Max Kp = 5)</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>
</table>
| **Green**  | **Very Common**  
Safety: Rarely a Direct Threat to Life and Property  
Impact Potential: Typically Results in Little Inconvenience to Daily Routines | 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 | • 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 |
| **Yellow** | **Somewhat Common — Happens Frequently**  
Safety: Rarely a Direct Threat to Life and Property  
Impact Potential: Typically Results in Some Inconvenience to Daily Life | 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 enhancement or critical fire outlook | • 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 |
| **Orange** | **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 | 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, Watches for 2 or more consecutive days, D3-D4 drought conditions | • A snow/déjà 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 |
| **Red**    | **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 | 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, Watches for 3 or more days, Severe to extreme drought | • 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 |
| **Purple** | **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 | 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, Watches for 3 or more days, Long term (months) of severe to extreme drought | • 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 |

Criteria for the color codes in this briefing is to the left, please provide any feedback to sr-srh.roc@noaa.gov.