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.
Today

- Locally heavy rainfall/isolated flash flooding possible across NM and the coastal areas of TX/LA.
- Elevated fire weather conditions over the TX/OK Panhandles.

Thursday - Sunday

- Isolated heavy rain/flash flooding across NM through the rest of the week.
- Potential for heavy rain/isolated flash flooding across AR Saturday-Sunday.
- Elevated fire weather conditions over the TX/OK Panhandles Thursday.

Tropical Weather Outlook

- There is a 10% chance of tropical cyclone formation over the next 5 days as an area of disturbed weather approaches the Bahamas and Florida.
- Another area of disturbed weather in the far eastern Atlantic has a 40% chance of development over the next 5 days.
## FEMA Region 6 Threat Matrix

**July 31, 2019 – Aug 4, 2019**

<table>
<thead>
<tr>
<th>DAY / THREAT</th>
<th>WED</th>
<th>THU</th>
<th>FRI</th>
<th>SAT</th>
<th>SUN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe Storms</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Heavy Rain / Flash Flooding</td>
<td>NM/LA, TX Coasts</td>
<td>NM</td>
<td>NM</td>
<td>NM/AR</td>
<td>NM/AR</td>
</tr>
<tr>
<td>Fire Weather</td>
<td>TX/OK Panhandles</td>
<td>TX/OK Panhandles</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tropical Weather</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>River Flooding</td>
<td>LA</td>
<td>LA</td>
<td>LA</td>
<td>LA</td>
<td>LA</td>
</tr>
</tbody>
</table>

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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.

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**Color Legend:**

- **Light Blue:** No Weather Threats Expected
- **Green:** Very Common – Happens Often
- **Yellow:** Common – Happens Frequently
- **Orange:** Uncommon – A Few Times a Year
- **Red:** Rare – Once Every 1-5 Years
- **Purple:** Very Rare – Once Every 5-10 Years
Tropical Weather Outlook – Atlantic/Gulf

Tropical Development Potential

There is a 10% chance of tropical cyclone formation over the next 5 days as an area of disturbed weather approaches the Bahamas and Florida.

Another area of disturbed weather in the far eastern Atlantic has a 40% development over the next 5 days.

FEMA Region 6 Threat Level

No impacts to Region 6 in the near-term, but will continue to monitor the system in the eastern Atlantic.

See http://www.hurricanes.gov for the latest on the tropics or any active storms
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.

Latest on the MS River Flooding:

- Red River Landing, LA is in minor flood stage and will continue to steadily drop over the next week. Impacts primarily to recreational camps and farm land.

- Baton Rouge, LA is in minor flood stage, and is forecast to steadily continue to fall and eventually drop below flood stage by next Wednesday. Impacts primarily to river traffic.

- The Atchafalaya River at Morgan City, LA will hover around 7 feet (moderate flood stage) through the week. Impacts primarily to river traffic and some buildings near the river.

http://water.weather.gov/ahps for latest river flooding
Elevated fire weather conditions across TX/OK Panhandles.

Isolated heavy rain/flash flooding across NM and the LA/TX Coasts.
**Severe Weather Outlook**

Thursday, August 01, 2019

- Elevated fire weather conditions across TX/OK Panhandle.
- Isolated heavy rain/flash flooding possible across NM.

**Excessive Rainfall Outlook**

- Risk of rainfall exceeding flash flood guidance within 25 miles of a point:
  - HIGH: > 50%
  - SLGT: 10%-20%
  - MDT: 20%-50%
  - MRGL: 5%-10%

**Forecast Rainfall**

- Map showing forecasted rainfall amounts across the United States.
- Elevated forecasted rainfall in the Panhandles of TX/OK and isolated heavy rain in NM.

**Forecast Chart**

- Map showing current weather conditions.
- Areas of high pressure (H) and low pressure (L) are indicated.
- Weather valid from EDT Thu Aug 01 2019 to EDT Fri Aug 02 2019.
Friday's Weather Forecast Chart

Isolated heavy rain/flash flooding possible across NM.

Severe Weather Outlook

Friday, August 02, 2019

Excessive Rainfall Outlook

Rainfall Outlook

Risk of rainfall exceeding flash flood guidance within 25 miles of a point:
- HIGH: > 50%
- SLGT: 10%-20%
- MDT: 20%-50%
- MRGL: 5%-10%
**Days 4-5 Weather Hazards**

**Saturday – Sunday**

Isolated heavy rain/flash flooding possible

*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

**Geomagnetic Storms**
- **Wednesday**: Active (Max Kp = 4)
- **Thursday**: Quiet to Unsettled (Max Kp = 3)
- **Friday**: Quiet (Max Kp = 2)

**Solar Radiation Storm (S1-S5)**
- 1%

**Radio Blackout (R1-R2)**
- 1%

**Radio Blackout (R3-R5)**
- 1%

**Click here for a Description of the Space Weather Storm Scales**

**Click here for the Latest 3-Day Space Weather Forecast Text**

![Map of the world with waveforms and power levels](image)

*Image credits: National Weather Service*
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>
</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 seacoast 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 outlooks enhanced 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, Warnings for 2 or more consecutive days, D3-D4 drought conditions | • A snow/dust 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, Warnings 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, Warnings 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.**