FEMA Region 6
Weather Threat Briefing

Wednesday, May 8, 2019

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 thunderstorms expected across TX/OK/AR/LA.
• Large hail, tornadoes, and damaging winds with heavy rain/flash flooding.

Thursday-Sunday

• Main threat becomes heavy rainfall/flash flooding over ETX/LA/AR.
• Strong to severe thunderstorms still possible over ETX/LA/AR through Friday.

Major River Flooding or Known Evacuations

• Major flooding continues on the MS River at Baton Rouge, LA, and Osceola (AR) is forecast to approach major flood stage by Saturday.
• The Trinity River at Liberty is forecast to approach major flood stage by Saturday.
## FEMA Region 6 Threat Matrix

**May 8, 2019 – May 12, 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>TX/AR/LA</td>
<td>TX/AR/LA/OK</td>
<td>TX/LA</td>
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<tr>
<td></td>
<td>OK</td>
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<tr>
<td>Heavy Rain / Flash</td>
<td>NETX/SE OK</td>
<td>TX/LA/AR</td>
<td>TX/LA</td>
<td>TX/LA</td>
<td>TX/LA</td>
</tr>
<tr>
<td>Flooding</td>
<td>AR</td>
<td></td>
<td>AR</td>
<td></td>
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<tr>
<td>Winter Weather</td>
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<tr>
<td>Fire Weather</td>
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<tr>
<td>River Flooding</td>
<td>LA/AR</td>
<td>LA/AR</td>
<td>LA/AR</td>
<td>LA/AR</td>
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<td></td>
<td>TX/OK</td>
<td>TX/OK</td>
<td>TX/OK</td>
<td>TX/OK</td>
<td>TX/OK</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.

5/8/2019 7:27 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

- Points along the MS River in AR and LA remain at moderate flood stage, with the point near Baton Rouge, LA remaining in major flood stage. Osceola (AR) is forecast to approach major flood stage by Saturday.

- Impacts are primarily to secondary roads, agriculture, and navigation. The city of Baton Rouge is protected by levees. A few homesteads may be impacted later this week near Osceola.

- Rainfall over the next five days will prolong ongoing flooding and lead to additional moderate flooding across E TX, LA, OK and AR.

- Minor to moderate river flooding is occurring across E TX, AR, OK, and LA. Impacts remain limited to agricultural interests and lowlands.

- Trinity River at Liberty is forecast to approach major flood stage by Saturday. Impacts to residences are possible.

http://water.weather.gov/ahps for latest river flooding
Severe thunderstorms (large hail/damaging winds/tornadoes) likely across TX/OK/LA/AR.

Heavy rainfall/flash flooding possible across AR, OK, LA, TX.
Severe thunderstorms across E TX into AR/LA.

Heavy rainfall/flash flooding possible across E TX/LA and SE AR.
Heavy rainfall/flash flooding possible across ETX/LA.
Days 4-5 Weather Hazards

Saturday-Sunday

Heavy rainfall/flash flooding possible into Sunday

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

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## Space Weather 3-Day Forecast

### Wednesday
- **Geomagnetic Storms**: Quiet to Unsettled (Max Kp = 3)
- **Solar Radiation Storm (S1-S5)**: 1%
- **Radio Blackout (R1-R2)**: 5%
- **Radio Blackout (R3-R5)**: 1%

### Thursday
- **Geomagnetic Storms**: Quiet to Unsettled (Max Kp = 2)
- **Solar Radiation Storm (S1-S5)**: 1%
- **Radio Blackout (R1-R2)**: 5%
- **Radio Blackout (R3-R5)**: 1%

### Friday
- **Geomagnetic Storms**: Quiet to Unsettled (Max Kp = 2)
- **Solar Radiation Storm (S1-S5)**: 1%
- **Radio Blackout (R1-R2)**: 5%
- **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
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 sebreeze 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 flood 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 for 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 two consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | - 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 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 4 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 | - 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 possible 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.