The Disaster Center is dedicated to the idea that disaster mitigation is cost effective and individuals pursuing their own interest are the greatest potential force for disaster reduction.

Please consider making a small donation to the Disaster Center

When disaster mitigation is cost effective, we are on the road to bringing disasters to an end.
Significant Activity - August 12-15

Significant Events: Gulf Coast Flooding

Tropical Activity:
- Atlantic – Disturbance 1 (Low 20%)
- Eastern Pacific – Disturbance 1 (Low 20%), Disturbance 2 (Low 10%)
- Central Pacific – Disturbance 1 (currently in the Eastern Pacific), will move into the Central Pacific basin later today
- Western Pacific – No tropical cyclones expected to impact U.S. Territories

Significant Weather:
- Flash Flooding – TX, LA, AR, MO, IL, IN, OH & MI
- Rain and Thunderstorms – Northern Intermountain, Great Basin across to the Great Lakes, Southwest, Southern Rockies, Southern Plains, Upper, Middle and Lower Mississippi Valleys, and across to the Eastern Seaboard
- Elevated Fire Weather – CA, NV & UT; Isolated Dry Thunderstorms – NV, UT, ID & WY
- Red Flag Warnings – NV & UT
- Space Weather – None observed over the past 24 hours; Minor with Geomagnetic storms reaching G1 level are predicted for the next 24 hours

Earthquake Activity: No significant activity

Declaration Activity:
- Request for Major Disaster Declaration – MD
- Major Disaster Declaration Approved – LA (FEMA-4277-DR-LA)
- FMAG Approved for 2 Wildfires in CA (FEMA-5146-FM-CA and FEMA-5145-FM-CA)
Flooding - Gulf Coast

Current Situation
- Slow-moving weather brought 10 to 20 inches of rain to S central and SE LA since Thursday
- While the heaviest rainfall departed the area, significant river flooding will persist this week
- Major to record flooding will continue along the Tangipahoa, Comite, Amite and Vermilion Rivers

Impacts
Mississippi
- 4 (+2) injuries; no fatalities
- 48 homes / mobile homes & 7 apartment units uninhabitable in Wilkinson & Amite counties
- 1 commercial building destroyed in Copiah County
- Mandatory evacuations in effect for town of Crosby (pop. 318) in Amite & Wilkinson counties, and Osyka (pop. 481) in Pike County
- 1 Independent shelter open with 85 occupants (ARC midnight shelter count, 6:54 a.m. EDT)
- 39 local roads closed / flooded; portions of Highway 24 in Pike County affected by flooding

Louisiana
- 3 confirmed fatalities; media reports 2-4 (Region VI DSAR)
- Over 10,000 affected residential / commercial structures reported
- 70 roads closed due to high water including portions of I-10, I-12 and I-55 near Baton Rouge; residents cannot get to stores due to flooded roads
- 500 inmates in Livingston Parish evacuated due to backed up sewage caused by flood waters
- 46 shelters open with 10,060 occupants (ARC midnight shelter count as of 6:27 a.m. EDT)
- 41k customers without power (DOE Eagle-I as of 4:00 a.m. EDT)
Flooding - Gulf Coast

State Response

Mississippi
- Governor declared state of emergency for impacted counties
- MS EOC remains at Normal Operations

Louisiana
- Governor declared state of emergency / Major Disaster Declaration approved
- EOC at Full Activation (24/7)
- 2k National Guard activated, primarily for search and rescue
- Search and rescue operations continue

Federal Response
- FEMA Region IV RWC remains at Watch/Steady State
- FEMA Region VI
  - RWC at Enhanced Watch (day shift only)
  - RRCC at Level III, Partial Activation (day shift only)
  - IMAT-2 deployed to JFO in Baton Rouge, LA
  - LNO deployed to LA & AR EOC
- ISB established at Camp Beauregard, Pineville, LA
  - ISB Cache and ISB personnel deployed
  - JFO, DISC, and DRC kits moving from TX
  - Denton MERS personnel and MCOVs deployed to support ISB
- National IMAT East-2 deployed to the JFO in Baton Rouge, LA

JFO: Baton Rouge
- DR-4277, DR-4263, EM-3376
- FCO: Gerard Stolar
- National IMAT-E 2
- Region VI IMAT-2

ISB: Camp Beauregard
- ISB Team & Cache
  - 250k Meals
  - 400k Water
  - Denton MERS
  - MCOVs

State EOC:
- FEMA LNO
Active Watches & Warnings

http://www.nws.noaa.gov/view/largemap.php
Excessive Rainfall Outlook - Days 1-3

Day 1

Risk of rainfall exceeding flash flood guidance to the right of a line:
- HIGH: > 15%
- SLGT: 5%-10%
- MDT: 10%-15%
- MRGL: 2%-5%

Day 2

Day 3
National River Flood Outlook
Tangipahoa River at Robert

New Record: 27.33 feet
Previous Record: 27.10 feet on 3/14/1921

At 21.0 feet, water will be in homes along Highways 445 and 443
New Record: 34.22 feet
Previous Record: 30.64 feet on 5/19/1953

At 25.0 feet, subdivisions between the Comite River and Beaver Bayou will be flooded
Amite River at Denham Springs & Port Vincent

New Record: 46.2 feet
Previous Record: 41.50 feet on 4/8/1983

At 39.0 feet, widespread major flooding in several subdivisions

New Record: 17.34 feet
Current Record: 14.65 feet on 4/9/1983

At 10.0 feet, streets and homes in Port Vincent will flood
Note: Areas highlighted in blue indicate likely inundation at 19.0 feet
At 21.0 feet, major flooding with an estimated 36 structures affected by flooding; several secondary roads also flooded.

At 9.5 feet, widespread flooding will impact residences in and around the Mermentau and Lake Arthur areas; numerous roads also flooded.
6 - 10 Day Outlooks

6 - 10 Day Temperature Probability

6 - 10 Day Precipitation Probability
## Space Weather

<table>
<thead>
<tr>
<th></th>
<th>Past 24 Hours</th>
<th>Current</th>
<th>Next 24 Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Space Weather Activity</td>
<td>None</td>
<td>None</td>
<td>Minor</td>
</tr>
<tr>
<td>Geomagnetic Storms</td>
<td>None</td>
<td>None</td>
<td>G1</td>
</tr>
<tr>
<td>Solar Radiation Storms</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Radio Blackouts</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

### HF Communication Impact

![HF Communication Impact](http://www.swpc.noaa.gov/communities/space-weather-enthusiasts)

### Sunspot Activity

![Sunspot Activity](http://spaceweather.com/)

- **Past 24 Hours:** None
- **Current:** None
- **Next 24 Hours:** Minor
Disturbance 1  (As of 8:00 a.m. EDT)

• Located few hundred miles S of Cabo Verde Islands
• Forecast to move WNW at 15 mph
• Some gradual development during next few days
• Formation chance through 48 hours: Low (20%)
• Formation chance through 5 days: Low (30%)
Disturbance 1  (As of 8:00 a.m. EDT)
- Located 1,150 miles ESE of Hawaiian Islands
- Moving W at 10 mph
- Expected to move into the Central Pacific basin later today
- Further development should be slow to occur
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Low (30%)

Disturbance 2  (As of 8:00 a.m. EDT)
- Located 1,000 miles SW of southern tip of Baja California, Mexico
- Moving WNW
- Conditions expected to become increasingly less conducive for any additional development
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (10%)
"X" denotes position of systems discussed in the Tropical Weather Outlook. Color indicates probability of tropical cyclone formation within 48 hours.
Clayton Fire - California

Current Situation
- Fire began August 13, 2016 and is burning state and private land near communities of Lower Lake and Clearlake (pop 6,000)
- At time of request, the fire was threatening 400 homes, 20 buildings, infrastructure and utilities
- Mandatory evacuations in effect for 12,000 people
- No injuries or fatalities

Response
- CA EOC remains at normal operations
- Region IX RWC remains at Watch/Steady State
- Region IX LNO deployed to CalOES

<table>
<thead>
<tr>
<th>Fire Name (County)</th>
<th>FMAG #</th>
<th>Acres burned</th>
<th>% Contained</th>
<th>Evacuations (Residents)</th>
<th>Structures Threatened</th>
<th>Structures Damaged / Destroyed</th>
<th>Fatalities / Injuries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clayton (Lake County)</td>
<td>FEMA-5145-FM-CA</td>
<td>3,000</td>
<td>5%</td>
<td>12,000</td>
<td>1,000 homes</td>
<td>0 / 10 homes</td>
<td>0 / 0</td>
</tr>
</tbody>
</table>
Chimney Fire - California

<table>
<thead>
<tr>
<th>Fire Name (County)</th>
<th>FMAG #</th>
<th>Acres burned</th>
<th>% Contained</th>
<th>Evacuations (Residents)</th>
<th>Structures Threatened</th>
<th>Structures Damaged / Destroyed</th>
<th>Fatalities / Injuries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chimney (San Luis Obispo)</td>
<td>FEMA-5146-FM-CA</td>
<td>4,000</td>
<td>10%</td>
<td>250 300 Shelter in Place</td>
<td>20 homes</td>
<td>12 homes</td>
<td>0 / 2</td>
</tr>
</tbody>
</table>

Current Situation
- Fire began August 13, 2016 and is burning state and private land near communities of Cal Shasta, Running Deer Ranch, Tri Counties, and Ranch Del Lago (pop 1,200)
- At time of request, the fire was threatening 784 homes, 60 KV transmission lines, one gas pipeline and Lake Nacimiento (reservoir for drinking water)
- Mandatory evacuations in effect for 250 people; shelter in place for 300 people
- Two injuries, no fatalities

Response
- CA EOC remains at normal operations
- Region IX RWC remains at Watch / Steady State
- Region IX LNO deployed to CalOES
## Wildfire Summary

<table>
<thead>
<tr>
<th>Fire Name (County)</th>
<th>FMAG #</th>
<th>Acres burned</th>
<th>% Contained</th>
<th>Evacuations (Residents)</th>
<th>Structures Threatened</th>
<th>Structures Damaged / Destroyed</th>
<th>Fatalities / Injuries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soberanes Fire (Monterey County)</td>
<td>FEMA-5137-FM-CA</td>
<td>72,566</td>
<td>60%</td>
<td>Mandatory &amp; Voluntary</td>
<td>410 (400 homes)</td>
<td>5 (3 homes) / 68 (57 homes)</td>
<td>1 / 3</td>
</tr>
<tr>
<td>Clayton Fire (Lake County)</td>
<td>FEMA-5145-FM-CA</td>
<td>3,000</td>
<td>5%</td>
<td>Mandatory</td>
<td>1,500 (1,000 homes)</td>
<td>0 / 10 home</td>
<td>0 / 0</td>
</tr>
<tr>
<td>Chimney Fire (San Luis Obispo County)</td>
<td>FEMA-5146-FM-CA</td>
<td>4,000</td>
<td>10%</td>
<td>Mandatory</td>
<td>232 (200 homes)</td>
<td>20 / 12 (homes)</td>
<td>0 / 2</td>
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</tbody>
</table>
## Joint Preliminary Damage Assessments

<table>
<thead>
<tr>
<th>Region</th>
<th>State / Location</th>
<th>Event</th>
<th>IA/PA</th>
<th>Number of Counties</th>
<th>Start - End</th>
</tr>
</thead>
<tbody>
<tr>
<td>III</td>
<td>MD</td>
<td>Severe Weather &amp; Heavy Rains July 30, 2016</td>
<td>PA</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>III</td>
<td>WV</td>
<td>Severe Weather &amp; Heavy Rains July 30, 2016</td>
<td>IA</td>
<td>1</td>
<td>1</td>
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</table>
Major Disaster Declaration Request - Maryland

August 12, 2016

• Request for Major Disaster Declaration for the State of Maryland as a result of severe storms and flooding during the period July 30-31, 2016

• Requesting:
  • Individual & Public Assistance, including Direct Federal Assistance for Howard County
  • Hazard Mitigation statewide
Major Disaster Declaration Approved – Louisiana

FEMA-4277-DR-LA

• On August 14, 2016, the President approved a Major Disaster Declaration for the State of Louisiana as a result of severe storms and flooding during the period August 11, 2016 and continuing
• Provides:
  • Individual Assistance for four parishes
  • Public Assistance for debris removal and emergency protective measures (CAT A & B), including direct federal assistance, for four parishes
  • Hazard Mitigation statewide
## Disaster Requests & Declarations

<table>
<thead>
<tr>
<th>Declaration Requests in Process</th>
<th>Requests APPROVED (since last report)</th>
<th>Requests DENIED (since last report)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fort Peck and Sioux Tribes – DR Severe Storm and Straight-line Winds</td>
<td>August 2, 2016</td>
<td>Denied August 12, 2016</td>
</tr>
<tr>
<td>MD – Severe Storms and Flooding</td>
<td>August 12, 2016</td>
<td></td>
</tr>
</tbody>
</table>
Open Field Offices as of August 15, 2016

Joint Field Offices: 8
Major Dis: 18
Emergency Dis: 1
## FEMA Readiness - Deployable Teams & Assets

<table>
<thead>
<tr>
<th>Resource</th>
<th>Status</th>
<th>Total</th>
<th>FMC Available</th>
<th>Partially Available</th>
<th>Not Available</th>
<th>Detailed, Deployed, Activated</th>
<th>Comments</th>
<th>Rating Criterion</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCO</td>
<td>Yellow</td>
<td>36</td>
<td>13</td>
<td>36%</td>
<td>0</td>
<td>1</td>
<td>22</td>
<td>OFDC Readiness:</td>
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<td>FCO Green</td>
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<td>Type 2 4+</td>
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<td>FDRC Blue</td>
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<td>1</td>
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<tr>
<td>FDRC</td>
<td>Green</td>
<td>10</td>
<td>4</td>
<td>40%</td>
<td>0</td>
<td>1</td>
<td>5</td>
<td>• Green = Available/FMC</td>
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<td>• Yellow = Available/PMC</td>
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<td>• Red = Out-of-Service</td>
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<td>• Blue = Assigned/Deployed</td>
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<tr>
<td>US&amp;R</td>
<td>Green</td>
<td>28</td>
<td>27</td>
<td>96%</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>• Green: 3 available</td>
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<td>• Yellow: 1-2 available</td>
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<td>• Red: 0 avail (Individual N-IMAT red if 50% of Section Chiefs and/or Team Leader is unavailable for deployment.)</td>
</tr>
<tr>
<td>National IMAT</td>
<td>Yellow</td>
<td>3</td>
<td>1</td>
<td>33%</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>• Green: &gt;6 teams available</td>
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<td>• Yellow: 4 - 6 teams available</td>
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<td></td>
<td></td>
<td></td>
<td>• Red: &lt;4 teams available</td>
</tr>
<tr>
<td>Regional IMAT</td>
<td>Yellow</td>
<td>13</td>
<td>9</td>
<td>69%</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>• Green: &gt;66% available</td>
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<td>• Yellow: &gt;33% to 66% available</td>
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<td>• Red: &lt;33% available</td>
</tr>
<tr>
<td>MERS Teams</td>
<td>Yellow</td>
<td>18</td>
<td>16</td>
<td>88%</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>Deployed:</td>
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<td></td>
<td>Denton: Deployed to ISB in LA</td>
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<td>Bothell: American Samoa (Region IX Exercise Aug 14-20)</td>
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<td>Region II: Deployed to Puerto Rico (Exercise Aug 14-20)</td>
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<td></td>
<td>Region III: Deployed to WV (4273-WV)</td>
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<td>Region VI Team 2: Deployed to LA</td>
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<td></td>
<td>Region VIII: Deployed to MT &amp; CO (4275-MT)</td>
</tr>
</tbody>
</table>

- **Deployed**: Region II: Deployed to Puerto Rico (Exercise Aug 14-20)  
- **Deployed**: Region III: Deployed to WV (4273-WV)  
- **Deployed**: Region VI Team 2: Deployed to LA  
- **Deployed**: Region VIII: Deployed to MT & CO (4275-MT)
### National/Regional Teams

<table>
<thead>
<tr>
<th>Resource</th>
<th>Status</th>
<th>Total</th>
<th>FMC Available</th>
<th>Partially Available</th>
<th>Not Available</th>
<th>Status</th>
<th>Comments</th>
<th>Rating Criterion</th>
</tr>
</thead>
<tbody>
<tr>
<td>NWC</td>
<td></td>
<td>5</td>
<td>5</td>
<td>100%</td>
<td>0</td>
<td>0</td>
<td>Not Activated</td>
<td></td>
</tr>
<tr>
<td>NRCC</td>
<td></td>
<td>2</td>
<td>2</td>
<td>100%</td>
<td>0</td>
<td>0</td>
<td>Not Activated</td>
<td></td>
</tr>
<tr>
<td>HLT</td>
<td></td>
<td>1</td>
<td>1</td>
<td>100%</td>
<td>0</td>
<td>0</td>
<td>Activated</td>
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<tr>
<td>DEST</td>
<td></td>
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<td></td>
<td></td>
<td>Not Activated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RRCCs</td>
<td></td>
<td>10</td>
<td>9</td>
<td>90%</td>
<td>0</td>
<td>1</td>
<td>Activated Region VI at Level III (day shift only)</td>
<td></td>
</tr>
<tr>
<td>RWCs/MOCs</td>
<td></td>
<td>10</td>
<td>9</td>
<td>90%</td>
<td>0</td>
<td>1</td>
<td>Activated Region VI at Enhanced Watch (day shift only)</td>
<td></td>
</tr>
</tbody>
</table>

- Green = FMC
- Yellow = PMC
- Red = NMC
FEMA’s mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.