FEMA
Daily Operations Briefing

Wednesday, September 12, 2018
8:30 a.m. EDT
**Significant Activity – Sep 11-12**

**Significant Events:** Hurricane Florence; Tropical Storm Olivia; Tropical Storm Isaac

**Tropical Activity:**
- Atlantic – Hurricane Florence (CAT 4); Tropical Storm Isaac; Hurricane Helene (CAT 1); Disturbance 1 (Invest 95L): Medium (60%); Disturbance 2: Medium (50%); Disturbance 3: Low (20%)
- Eastern Pacific – Post-Tropical Cyclone Paul - FINAL; Disturbance 1: Low (20%); Disturbance 2: Low (30%)
- Central Pacific – Tropical Storm Olivia
- Western Pacific – No activity affecting U.S. interests

**Significant Weather:**
- Heavy rain with flash flooding possible – Southern Plains to Lower Mississippi Valley
- Critical/elevated fire weather – CA, NV, AZ, UT, CO, WY, ID, NE & SD
- Red Flag Warnings – CA, NV, AZ, UT, CO, WY, NE & SD

**Declaration Activity:**
- Emergency Declaration approved – Virginia
- Emergency Declaration request - Hawaii
Hurricane Florence

Hurricane Florence (CAT 4) (Advisory #52A as of 8:00 a.m. EDT)

• 530 miles SE of Cape Fear, NC
• Moving WNW at 17 mph
• Maximum sustained winds 130 mph
• Expected to slow down considerably by late Thursday into Friday
• Hurricane-force winds extend outward up to 70 miles
• Tropical-storm-force winds extend 175 miles

Watches & Warnings

• A Storm Surge Warning is in effect for...
  o South Santee River South Carolina to Duck North Carolina
  o Albemarle and Pamlico Sounds, including the Neuse and Pamlico Rivers
• A Storm Surge Watch is in effect for...
  o Edisto Beach South Carolina to South Santee River South Carolina
  o North of Duck North Carolina to the North Carolina/Virginia border
• A Hurricane Warning is in effect for...
  o South Santee River South Carolina to Duck North Carolina
  o Albemarle and Pamlico Sounds
• A Hurricane Watch is in effect for...
  o Edisto Beach South Carolina to South Santee River South Carolina
• A Tropical Storm Warning is in effect for...
  o North of Duck North Carolina to the North Carolina/Virginia border
• A Tropical Storm Watch is in effect for...
  o North of the North Carolina/Virginia border to Cape Charles Light Virginia
  o Chesapeake Bay south of New Point Comfort

Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.
Total Rainfall Forecast Through Wednesday, Sep. 19, 2018

7-Day Total
Subject to change and may not represent entire event.

NC  VA  SC  MD  WV

Through Friday Morning

Through Saturday Morning

Daily Flash Flood Risk

NC  VA  SC

Local point maximum rainfall may be higher than shown. See the NHC public advisories for the latest tropical cyclone information.
Tropical Outlook – Atlantic

**Hurricane Helene (CAT 1)** (Advisory #20 as of 5:00 a.m. EDT)
- 800 miles WNW of the Cabo Verde Islands
- Moving NNW at 13 mph
- Maximum sustained winds 90 mph
- Weakening is forecast and should become a tropical storm on Thursday
- No coastal watches or warnings in effect

**Disturbance 1 (Invest 95L)** (as of 8:00 a.m. EDT)
- Located over the south central Gulf of Mexico
- Heavy rainfall and gusty winds expected across portions of Texas, and Louisiana later this week
- Formation chance through 48 hours: Medium (60%)
- Formation chance through 5 days: Medium (60%)

**Disturbance 2** (as of 8:00 a.m. EDT)
- Located several hundred miles WSW of the Azores
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: Medium (50%)

**Disturbance 3** (as of 8:00 a.m. EDT)
- Located near Bermuda
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (20%)
Tropical Storm Isaac

Tropical Storm Isaac (Advisory #19A, as of 8:00 a.m. EDT)
• 450 miles E of Martinique
• Moving W at 15 mph
• Maximum sustained winds are 60 mph
• Tropical-storm-force winds extend 105 miles
• A little weaker as it moves toward the Lesser Antilles

Watches & Warnings
• Tropical Storm Warning in effect for
  o Guadeloupe
  o Martinique
  o Dominica
• Tropical Storm Watch in effect for
  o Antigua
  o Montserrat
  o St. Kitts and Nevis
  o Saba and St. Eustatius
Tropical Outlook – Eastern Pacific

Post-Tropical Cyclone Paul - FINAL (Advisory #16 as of 2:00 a.m. EDT)
- Located 1,115 miles W of Baja California
- Moving W at 9 mph
- Maximum sustained winds 35 mph

Disturbance 1 (as of 8:00 a.m. EDT)
- Located several hundred miles west of the west-central coast of Mexico
- Formation chance through 48 hours: Low (20%)
- Formation chance through 5 days: Low (20%)

Disturbance 2 (as of 8:00 a.m. EDT)
- Expected to develop well south of the southwestern coast of Mexico
- Formation chance through 48 hours: Low (near 0%)
- Formation chance through 5 days: Low (30%)
Tropical Storm Olivia

(Tropical Storm Olivia (Advisory #47 as of 5:00 a.m. EDT)
- 125 miles E of Kahului, HI; 215 miles E of Honolulu, HI
- Moving WSW at 8 mph
- Maximum sustained winds 45 mph
- Tropical storm force winds extend 90 miles
- Some weakening is forecast, but expected to remain a tropical storm as it moves over the Hawaiian Islands tonight and Wednesday

Watches & Warnings
- Tropical Storm Warnings in effect for counties of Oahu, Maui and Hawaii
Tropical Storm Olivia

Situation
Outermost shower bands of Tropical Storm Olivia are gradually spreading across the Hawaiian Islands

Preparations / Response
FEMA HQ
• NRCC at Level I, 24/7 with all ESFs & LNOs
• US&R teams deployed to Honolulu, HI (IST Blue, WA-TF1, personnel from CA-TF6 & CA-TF8); Kona, HI (CA-TF3)
• ISB teams deployed to HI
• MERS teams deployed to FEMA HQ & HI

FEMA Region IX
• IMAT 1 deployed to HI
• LNOs deployed to all counties in HI

Hawaii
• HI EOC at Partial Activation
  • Maui & Hawaii County EOCs at Full Activation
  • Oahu & Kauai County EOCs at Partial Activation
• State of emergency declared
• Governor requested an Emergency Declaration on September 11, 2018

Lifelines
Safety & Security:
• Maui county schools closed today

Food, Water and Shelter:
• 17 shelters / 101 occupants (ARC Midnight Shelter Count as of 5:46 a.m. EDT)
• No destabilizing factors

Health and Medical:
• No destabilizing factors

Transportation:
• All seaports closed (port condition Zulu)
• All airports open

Hazardous Waste:
• No destabilizing factors

Energy:
• No destabilizing factors

Communications:
• No destabilizing factors
Hurricane Florence – Lifelines

Safety & Security
- No destabilizing factors

Food, Water and Shelter
- Shelters and durable goods identified to date fall short of the requirements identified in the Region III Hurricane Plan
- Mandatory evacuations across the eastern seaboard affecting approximately 1.5 million people that could have major impacts on road congestion and staging operations

Health and Medical
- No destabilizing factors

Transportation
- No destabilizing factors

Hazardous Waste
- No destabilizing factors

Energy
- No destabilizing factors

Communications
- No destabilizing factors
Situation
Hurricane Florence expected to make landfall along the East Coast Friday

Preparations/Response
FEMA HQ
• NRCC at Level I, 24/7 with all LNOs and ESFs
• National IMAT East-1 deployed to NC
• Region V & VIII IMATs deployed to DC to pre-stage
• Region I IMAT deployed to VA
• MERS assets deployed
• FSAs established at Ft A.P. Hill, VA and Martinsburg, WV

See WebEOC master view for HQ Tropical Cyclone Activity – GU/HI/East Coast
Hurricane Florence

Region IV
- RRCC at Level II, 24/7
- LNOs and DCO/DCE deployed to NC and SC
- IMAT 1 deployed to NC
- IMAT 2 deployed to SC
- Regional HLT deployed to NHC

North Carolina (FEMA-3401-EM-NC):
- EOC at Full Activation; Statewide State of Emergency declared
- Mandatory evacuations in effect for select areas; 50k evacuated out of 200k anticipated
  - Possible shortage of bus service due to World Equestrian Games
- US&R: Red IST, IN-TF1
- Shelters: 5 open with 258 occupants (ARC Midnight Shelter Count as of 5:46 a.m. EDT)

South Carolina (FEMA-3400-EM-SC):
- EOC at Full Activation; Statewide State of Emergency declared
- Several public schools and government offices will be closed today
- Mandatory evacuations in effect for 6 counties, all other orders rescinded
  - Highway 521 (evacuation route) has construction projects and is down to one lane
- Shelters: 31 open with 1,385 occupants (ARC Midnight Shelter Count as of 5:46 a.m. EDT)
- US&R: FL-TF1&2, PA-TF1
- Tennessee EOC at Monitoring (to support EMAC requests)

Region III
- RRCC at Level II (day shift only) with all ESFs, DOD USCG, DHS IP, ARC; will go to Level III (night shift only) today
- LNO deployed to NRCC
- IMAT (Type III) deploying to MD
- IMAT (Type III) deployed to VA

Virginia (FEMA-3403-EM-VA):
- EOC at Partial Activation; State of Emergency declared; National Guard activated
- Emergency Declaration approved September 11
- Mandatory evacuation in effect for Zone A (19 counties) in the Hampton Roads area
- Planning to open 3 state shelters by September 13

State Response
- MD EOC at Partial Activation; State of Emergency declared
- WV EOC at Full Activation
- DE EOC at Monitoring
- DC EOC at Monitoring; Mayor declared a state of emergency
- PA EOC returned to Normal Operations

Region II
- NJ EOC at Monitoring (to support EMAC requests and US&R requirements)
Tropical Storm Isaac

**Situation**
Puerto Rico and the USVI could see possible impacts from Tropical Storm Isaac on Thursday. Progress on a large number of recovery projects from 2017 could be slowed, halted or set-back due to potential impacts.

**Preparations/Response**
**FEMA HQ**
- NRCC at Level I, 24/7 with all LNOs and ESFs

**FEMA Region II**
- RRCC at Level II (day shift only) with all ESFs
- 2 LNOs deployed to PREMA EOC; 1 LNO deployed to USVI
- IMAT Team deployed to USVI
- Puerto Rico at Monitoring
- USVI at Monitoring
- USCG set port condition WHISKEY for PR & USVI
National Weather Forecast

Issued 4:45 AM EDT Wed, Sep 12, 2018.
Prepared by Meynolds with WPC/SPC/NHC forecasts.
Precipitation / Excessive Rainfall Forecast

Fri

Wed

Thu

Fri
Fire Weather Outlook

Wednesday

Thursday
Hazards Outlook – Sep 14-18

For the latest information on flooding - http://www.wpc.ncep.noaa.gov/nationalfloodoutlook/index.html

- Floods Likely
- Flooding Occurring/Imminent
- Flooding Possible
- Severe Drought

NO HAZARDS POSTED
## Space Weather

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

For further information on NOAA Space Weather Scales refer to: [http://www.swpc.noaa.gov/noaa-scales-explanation](http://www.swpc.noaa.gov/noaa-scales-explanation)

### HF Communication Impact

![HF Communication Impact Diagram](image)

### Sunspot Activity

![Sunspot Activity](image)
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>
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<tbody>
<tr>
<td>III*</td>
<td>PA</td>
<td>Severe Weather</td>
<td>IA</td>
<td>12</td>
<td>9/5 – TBD</td>
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<tr>
<td></td>
<td></td>
<td>July 21-27, 2018</td>
<td>PA</td>
<td>13</td>
<td>9/5 – TBD</td>
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</tr>
<tr>
<td></td>
<td>PA</td>
<td>Severe Weather</td>
<td>IA</td>
<td>14</td>
<td>9/5 – TBD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>August 10-15, 2018</td>
<td>PA</td>
<td>15</td>
<td>9/5 – TBD</td>
</tr>
</tbody>
</table>

*Region III PDAs are paused to support R-III operations for Hurricane Florence. The remaining counties will be rescheduled in the future once staffing is available.*
Declaration Approved

**FEMA-3403-EM-VA**
- Emergency declaration approved September 11, 2018 for the State of Virginia
- For Hurricane Florence beginning September 8, 2018 and continuing
- Provides emergency protective measures (Category B), limited to direct federal assistance program at 75% federal funding
- FCO is Donald L. Keldsen
**Declaration Request**

**Hawaii**
- The Governor requested an Emergency Declaration on September 11, 2018

- For Tropical Storm Olivia beginning September 9, 2018 and continuing

- Requesting:
  - Debris removal and emergency protective measures (Categories A & B), including direct Federal assistance under the Public Assistance program for all 5 counties
## Disaster Requests & Declarations

### Declaration Requests in Process

<table>
<thead>
<tr>
<th>#</th>
<th>IA</th>
<th>PA</th>
<th>HM</th>
<th>Date Requested</th>
<th>Requests APPROVED (since last report)</th>
<th>Requests DENIED (since last report)</th>
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<tr>
<td>8</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<td></td>
<td>LA – DR Flooding</td>
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<tr>
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<td>IA – DR Severe Storms and Tornadoes</td>
<td>X</td>
<td>X</td>
<td>August 17, 2018</td>
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<td></td>
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<tr>
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<td>Cheyenne River Sioux Tribe- DR Severe Storm and Straight-line Winds</td>
<td>X</td>
<td>X</td>
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<tr>
<td></td>
<td>Oglala Sioux Tribe – DR Severe Storms, Tornadoes, and Straight-line Winds</td>
<td>X</td>
<td>X</td>
<td>August 27, 2018</td>
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<td>NJ – DR Severe Storms and Flooding</td>
<td>X</td>
<td>X</td>
<td>August 30, 2018</td>
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<td></td>
<td>HI – DR Hurricane Lane and Wildfires</td>
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<td>X</td>
<td>September 5, 2018</td>
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<tr>
<td></td>
<td>PA – (Appeal) DR Severe Storms, Flooding, and Landslides</td>
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<td>X</td>
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<tr>
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<td>VA – EM Hurricane Florence</td>
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<td>X</td>
<td>September 10, 2018</td>
<td>Declared September 11, 2018</td>
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<tr>
<td></td>
<td>HI – EM Tropical Storm Olivia</td>
<td>X</td>
<td></td>
<td>September 11, 2018</td>
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</tr>
</tbody>
</table>
### Readiness – Deployable Teams and Assets

#### Cadres with 25% or Less Availability

<table>
<thead>
<tr>
<th>Resource</th>
<th>Force Strength</th>
<th>Available</th>
<th>Deployed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>IM Workforce</td>
<td>11,844</td>
<td>▼3,017 ▼25%</td>
<td>▲5,123 ▲3,704</td>
<td></td>
</tr>
<tr>
<td>National IMATs*</td>
<td>(1-2 Teams)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>East 1: Deployed</td>
<td>4354-DR</td>
<td>Confederated Tribes of the Colville Reservation</td>
<td>FCO: Timothy R. Mamerow</td>
<td>B-48</td>
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<tr>
<td>East 2: Charlie</td>
<td>4357-DR-2S</td>
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<tr>
<td>West: B-48</td>
<td>4355-DR-1S</td>
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<tr>
<td>National ISBs (0 Teams)</td>
<td></td>
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<tr>
<td>Team A Deployed</td>
<td>3402-EM-Marana Island</td>
<td>FCO: Willie G. Nunn</td>
<td>TFD</td>
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<tr>
<td>Team B Deployed</td>
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<tr>
<td>Team C Deployed</td>
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<tr>
<td>Regional IMATs (&lt; 3 Teams)</td>
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</tr>
<tr>
<td>Assigned:</td>
<td>13</td>
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<tr>
<td>Available:</td>
<td>1</td>
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<tr>
<td>PMC / NMC:</td>
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<tr>
<td>Deployed:</td>
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<tr>
<td>National ISBs (0 Teams)</td>
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<tr>
<td>Team A Deployed</td>
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<tr>
<td>Team B Deployed</td>
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<tr>
<td>Team C Deployed</td>
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<tr>
<td>MERS (33-65%)</td>
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<tr>
<td>Assigned:</td>
<td>36</td>
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<tr>
<td>Available:</td>
<td>22 (-6)</td>
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<tr>
<td>PMC / NMC:</td>
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<tr>
<td>Deployed:</td>
<td>14 (+6)</td>
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<td>FCO (≤ 1 Type I)</td>
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<tr>
<td>Assigned:</td>
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<tr>
<td>Available:</td>
<td>7 (-2)</td>
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<tr>
<td>PMC / NMC:</td>
<td>2</td>
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<tr>
<td>Deployed:</td>
<td>24 (+2)</td>
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<tr>
<td>FDRC (≥ 2)</td>
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<td>Assigned:</td>
<td>14</td>
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<tr>
<td>Available:</td>
<td>3 (+4)</td>
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<tr>
<td>PMC / NMC:</td>
<td>2 (+1)</td>
<td></td>
<td></td>
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<tr>
<td>Deployed:</td>
<td>9 (+5)</td>
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</tr>
</tbody>
</table>

* B-2 Status: Assemble ≤ 2-hrs, On Site ≤ 18-hrs; B-48 Status: Assemble and deploy ≤ 48hrs; Charlie Status: No team assemble time requirement

### Field Offices

- **FDOs:** 17
- **DRs:** 41
- **EMs:** 5 Deployed

#### Resource Force Strength

<table>
<thead>
<tr>
<th>Available</th>
<th>Deployed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>25% or Less</td>
<td>3,017 ▼25%</td>
<td>▲5,123 ▲3,704</td>
</tr>
</tbody>
</table>

#### IM Workforce

- **Assigned:** 11,844
- **Available:** ▼3,017 ▼25%
- **Deployed:** ▲5,123 ▲3,704

#### National IMATs

- **East 1 Deployed:** 4354-DR
- **East 2 Charlie:** 4357-DR-2S
- **West B-48:** 4355-DR-1S

#### Regional IMATs

- **Assigned:** 13
- **Available:** 1
- **PMC / NMC:** 1
- **Deployed:** 11

#### National ISBs

- **Assigned:** 28
- **Available:** 0
- **PMC / NMC:** 3
- **Deployed:** 25

#### MERS

- **Assigned:** 36
- **Available:** 22 (-6)
- **PMC / NMC:** 0
- **Deployed:** 14 (+6)

#### FCO

- **Assigned:** 33
- **Available:** 7 (-2)
- **PMC / NMC:** 2
- **Deployed:** 24 (+2)

#### FDRC

- **Assigned:** 14
- **Available:** 3 (+4)
- **PMC / NMC:** 2 (+1)
- **Deployed:** 9 (+5)

#### Cadres with 25% or Less Availability

- **EHP 14% (55/387); ER 14% (6/43); FL 24% (37/157); FM 25% (66/264); HR 14% (32/235); LOG 13% (155/1,168); PA 11% (196/1,822); PLAN 15% (50/341); SAF 4% (2/53); SEC 12% (13/107)

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*Note: The table and map provide a detailed overview of readiness and deployable assets, including team and cadre information for various regions and functions.*

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# FEMA Readiness – Activation Teams

<table>
<thead>
<tr>
<th>Status</th>
<th>Activated Team</th>
<th>Activation Level</th>
<th>Activation Times</th>
<th>Reason / Comments</th>
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</thead>
<tbody>
<tr>
<td>NWC (5 Teams)</td>
<td>Steady State</td>
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<td></td>
<td></td>
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<tr>
<td>NRCC (2 Teams)</td>
<td>Activated</td>
<td>Blue</td>
<td>Level I</td>
<td>24/7</td>
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<tr>
<td>HLT (1 Team)</td>
<td>Activated</td>
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<td></td>
<td></td>
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<tr>
<td>RWC / MOCs</td>
<td>Activated</td>
<td>Region VI</td>
<td>Enhanced Watch</td>
<td>Day shift only</td>
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<tr>
<td>(10 Regions)</td>
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<td></td>
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<tr>
<td>RRCCs</td>
<td>Activated</td>
<td>Region II</td>
<td>Level II / Level III</td>
<td>Day shift only</td>
</tr>
<tr>
<td>(10 Regions)</td>
<td></td>
<td>Region III / Region IV</td>
<td>Level II</td>
<td>Day shift / Night shift 24/7</td>
</tr>
</tbody>
</table>
FEMA’s mission is helping people before, during, and after disasters.