Significant Activity – Oct 28-29

Significant Events:
• Response and Recovery – Tropical Cyclones Harvey, Irma, and Maria

Tropical Activity:
• Atlantic – Tropical Storm Philippe; Disturbance 1: Medium (40%)
• Eastern Pacific – No tropical cyclones expected next 48 hours
• Central Pacific – No tropical cyclones expected next 48 hours
• Western Pacific – No activity affecting U.S. interests

Significant Weather:
• Flash Flooding Possible – Mid-Atlantic & Northeast
• Space Weather:
  o Past 24 hours: None observed
  o Next 24 hours: None predicted

Earthquake Activity: No significant activity

Declaration Activity: None
Tropical Outlook – Atlantic

**Tropical Storm Philippe** (Advisory #7A, as of 8:00 a.m. EDT)
- Located 75 miles SW of Miami, FL
- Moving NE at 32 mph; maximum sustained winds 50 mph
- Some strengthening forecast during next day or so
- Expected to become a post-tropical cyclone by tonight
- Tropical storm force winds extend outward up to 105 miles
- All Watches for Florida have been discontinued

**Disturbance 1** (as of 8:00 a.m. EDT)
- Located 1,000 miles ESE of Bermuda
- Gradual subtropical or tropical characteristics possible by the middle of next week
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Medium (40%)
Tropical Outlook – Eastern Pacific

**Next 48 hours**

Tropical cyclone activity is not expected during the next 48 hours.

**Next 5 days**

No new tropical cyclones are expected during the next five days.
Tropical Outlook – Central Pacific

Next 48 hours

- Tropical cyclone activity is not expected during the next 48 hours.

Next 5 days

- No new tropical cyclones are expected during the next five days.
USVI/PR Update

U.S. Virgin Islands
- Shelters: 5 (+1) shelters open with 187 (-7) occupants
- Disaster Assistance Registrations: 17.7k

Power Outages / Restoration:
- Customers receiving power from grid: STT*: 31.4%; STX: 3.3%; STJ: receiving some power, percentage not yet available
- WAPA estimates 90% to be restored by late December

Communications:
- 60.3% cell sites operational
- Coverage available to 88% of population

Health & Medical:
- STT: Mobile medical facility operational
- STX: Gov. Juan Luis partially open; Charles Harwood Facility closed

Water Restoration: Boil water advisory remains in effect territory-wide

FEMA Response
- NRCC: Modified Level III (Monday – Saturday; day shift only)
- Crisis Action Planning Team (Transportation and Transitional Sheltering) established
- National IMAT East-1 & Region III IMAT deployed to PR
- FEMA Region II & X IMATs deployed to USVI
- MERS teams deployed to USVI & PR

Puerto Rico
- Shelters: 77 (-3) shelters open with 3,502 (-75) occupants
- Disaster Assistance Registrations: 992k

Power Outages / Restoration
- 27.6% of customers with power restored
- 35 of 78 municipalities with full or energized facilities
- PREPA estimating 95% to be restored by December 15

Communications:
- 40.6% (+1.6) of cell towers are operational
- Coverage available to 86% of population

Health & Medical:
- 66 (+1) of 68 (+1) hospitals open; 46 (+1) on power grid, 20 (-1) on generator power, 2 with unknown status

Water Restoration
- 75% of PRASA customers have potable water
- 27 (-3) of 115 (+1) PRASA drinking water treatment plants are out of service
- 7 (-1) of 51 PRASA waste water treatment plants out of service
- Boil water advisory remains in effect territory-wide

Guajataca Dam
- Dam level is 8.4 feet (+1.1) below spillway; target elevation for interim repairs is 17 feet below the crest

*STT: St. Thomas
STX: St. Croix
STJ: St. John
National Weather Forecast

Today

Tomorrow
Precipitation Forecast – Excessive Rainfall

Days 1-3

Day 1

Day 2

Day 3
6-10 Day Outlooks

6-10 Day Temperature Probability

6-10 Day Precipitation Probability
Space Weather

<table>
<thead>
<tr>
<th></th>
<th>Space Weather Activity</th>
<th>Geomagnetic Storms</th>
<th>Solar Radiation</th>
<th>Radio Blackouts</th>
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<tr>
<td>Past 24 Hours</td>
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<tr>
<td>Next 24 Hours</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

Sunspot Activity

2686

2685
### Declaration Requests in Process

<table>
<thead>
<tr>
<th>5</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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<td>NY – DR (Expedited) Flooding</td>
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<td>X</td>
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<td>ND – DR Severe Storm</td>
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<tr>
<td>NY – DR Severe Storms, Tornadoes, and Flooding</td>
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<td>X</td>
<td>August 31, 2017</td>
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Readiness – Deployable Teams and Assets

### National IMATs* (0 Teams)

- **Assigned:** 13
- **Available:** 2
- **PMC / NMC:** 0
- **Deployed:** 11

### Regional IMATs (0-3 Teams)

- **Assigned:** 28
- **Available:** 27
- **PMC / NMC:** 1
- **Deployed:** 0

### US&R (>66%)

- **Assigned:** 36
- **Available:** 20
- **NMC:** 0
- **Deployed:** 16

### MERS (33-65%)

- **Assigned:** 38
- **Available:** 2
- **PMC / NMC:** 2
- **Deployed:** 34

### FCO (≤1 Type I)

- **Assigned:** 14
- **Available:** 1
- **PMC / NMC:** 1
- **Deployed:** 12

### FDRC (1)

- **Assigned:**
- **Available:**
- **PMC / NMC:**
- **Deployed:**

### Resource Strength Available Deployed Other

<table>
<thead>
<tr>
<th>Total Workforce</th>
<th>Force Strength</th>
<th>Available</th>
<th>Deployed</th>
<th>Other</th>
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<tbody>
<tr>
<td>11,296</td>
<td>2,200</td>
<td>7,312</td>
<td>1,784</td>
<td></td>
</tr>
</tbody>
</table>

### Cadres Less than 25%:

- DI 7% (9/128), DSA 18% (150/839), EA 23% (136/605), EHP 11% (35/320), ER 13% (9/61), FLDR 21% (36/169), FM 18% (52/293), HM 22% (218/980), HR 15% (37/253), IT 9% (58/628), LOG 7% (82/1,161), NDRS 18% (34/182), OPS 22% (58/257), PL 20% (84/440), SAF 11% (7/60), SEC 4% (4/97)

### Field Offices

- **D.C. – NMC:**
  - MERS: Bethesda

- **3300-SC:**
  - FDO: Elkins Park, PA

- **3307-CP:**
  - FDO: West Palm Beach, FL

- **3307-EM-FL:**
  - FDO: Orlando, FL

- **3307-EM-AL:**
  - FDO: Montgomery, MD

- **3309-EM-MD:**
  - FDO: Bethesda, MD

- **3315-DR:**
  - FDO: New York, NY

- **3315-DR-CO:**
  - FDO: Colorado Springs, CO

- **3315-DR-CA:**
  - FDO: Anaheim, CA

- **3315-DR-GA:**
  - FDO: Atlanta, GA

- **3315-DR-HI:**
  - FDO: Honolulu, HI

- **3315-DR-KY:**
  - FDO: Frankfort, KY

- **3315-DR-SD:**
  - FDO: San Diego, CA

- **3315-DR-SD:**
  - FDO: San Diego, CA

- **3315-DR-TX:**
  - FDO: Austin, TX

- **3315-DR-VA:**
  - FDO: Richmond, VA

- **3315-DR-WA:**
  - FDO: Seattle, WA

### Resource Force Strength Available Deployed Other

- **Total Workforce:** 11,296
- **Available:** 2,200
- **Deployed:** 7,312
- **Other:** 1,784

* B-2 Status: Assemble ≤ 2 hours, On Site ≤ 18 hours; B-48 Status: Assemble and deploy ≤ 48 hours; Charlie Status: No team assemble time requirement
# FEMA Readiness – Activation Teams

<table>
<thead>
<tr>
<th>Resource</th>
<th>Status</th>
<th>Total</th>
<th>Status</th>
<th>Activated Team</th>
<th>Activation Level</th>
<th>Activation Times</th>
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<td>5</td>
<td>Steady State</td>
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<tr>
<td>NRCC</td>
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<td>2</td>
<td>Activated</td>
<td>Gold</td>
<td>Modified Level III</td>
<td>Monday - Saturday</td>
<td>Response and Recovery Tropical Cyclones Harvey, Irma, and Maria</td>
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<tr>
<td></td>
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<td>8:00 a.m. - 6:00 p.m. EDT</td>
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<tr>
<td>HLT</td>
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<td>1</td>
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<td>Hurricane Season</td>
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<td>RWCs/MOCs</td>
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<td>Steady State</td>
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<td>RRCCs</td>
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</table>

**Back-up Region: V & VII**
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.