Significant Activity – Nov 3-4

Significant Events:
• Tropical Cyclones Harvey, Irma, and Maria

Tropical Activity:
• Atlantic – Disturbance 1 - Low (30%)
• 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:
• Elevated fire weather – NM, TX, OK, KS, NE, CO & WY
• Space Weather: Past 24 hours: none observed; next 24 hours: none predicted

Earthquake Activity: No significant activity

Declaration Activity: None
Tropical Outlook – Atlantic

*Disturbance 1 (as of 8:00 a.m. EDT)*
- Located about 950 miles SE of Bermuda
- Moving NNE
- Could acquire some tropical or subtropical characteristics this weekend into early next week
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (30%)
Tropical Outlook – Eastern Pacific

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

Next 48 hours

No new tropical cyclones are expected during the next five days.

Next 5 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: 3 shelters open with 70 (-7) occupants
- Disaster Assistance Registrations: 32.6k (+0.2k) (Maria and Irma)

**Power Outages / Restoration:**
- Customers with grid power: STT*: 30% (+9%); STX: 10.93% (+5.13%); STJ: 16.65% (+12.35%)
- VIWAPA estimates 90% to be restored by late December

**Communications:**
- 52.9% of cell towers operational
- Coverage available to 88% of population

**Health & Medical:**
- STT: Mobile medical facility operational
- STX: Gov. Juan Luis Hospital 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)
- National IMAT East-1 & Region III IMAT deployed to PR
- FEMA Region II & X IMATs deployed to USVI
- MERS teams deployed to USVI & PR

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**Puerto Rico**
- Shelters: 69 (-1) shelters open with 2,952 (-116) occupants
- Disaster Assistance Registrations: over 1.05M (Maria and Irma)

**Power Outages / Restoration**
- 36.9% of normal peak load has been restored

**Communications:**
- 44.8% of cell towers are operational
- Coverage available to 92% of population
- Mobile Emergency Response Support (MERS) assisting National Weather Service to install Weather Alerting equipment

**Health & Medical:**
- 67 of 68 hospitals open: 55 (+7) on grid power, 12 (-6) on generator power; 1 with no power

**Water Restoration**
- 82% (+2) of PRASA customers have potable water (PRASA covers 97% of PR)
- 91 of 115 PRASA drinking water treatment plants are operational
- 40 of 51 PRASA waste water treatment plants are operational
- Boil water advisory remains in effect territory-wide

**Guajataca Dam**
- Dam level rose to 9.74 (+1.18) feet below spillway due to heavy rain; target elevation for interim repairs is 17 feet below crest; efforts are on track to reduce water level from High to Moderate risk status by November 9
- Flash Flood Warning remains in effect downstream from the dam

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*STT: St. Thomas
STX: St. Croix
STJ: St. John
National Weather Forecast
Precipitation Forecast – Excessive Rainfall

Days 1-3
Fire Weather Outlook

Today

Tomorrow
Hazards Outlook – November 6-10

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

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

Heavy Snow
11/6 - 11/9

Heavy Rain
11/6 - 11/9

Much Below Normal Temperatures
11/6 - 11/7

Heavy Rain
11/6 - 11/7

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>
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<tbody>
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<tr>
<td>Next 24 Hours</td>
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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

Normal X-ray Background
Product Valid At: 2017-11-04 11:58 UTC
NOAA/SWPC Boulder, CO USA
## 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>
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<td>NY – DR (Expedited) Flooding</td>
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<td>ND – DR Severe Storm</td>
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<td>KS – DR Severe Storms, Straight-line Winds, and Flooding</td>
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<td>IL – DR Severe Storms and Flooding</td>
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<td>NY – DR Severe Storms, Tornadoes, and Flooding</td>
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<td>MS – DR Hurricane Nate</td>
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<td>AL – DR Hurricane Nate</td>
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</table>

**Date Requested**
- **July 6, 2017**
- **August 24, 2017**
- **August 31, 2017**
- **October 27, 2017**
- **October 30, 2017**
### Readiness – Deployable Teams and Assets

**Resource**

<table>
<thead>
<tr>
<th>Resource</th>
<th>Force Strength</th>
<th>Available</th>
<th>Deployed</th>
<th>Other</th>
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<tr>
<td>National IMATs* (0 Teams)</td>
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<td>East 1: Deployed</td>
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<td>East 2: Reconstituting</td>
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<td>West: Deployed</td>
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<td>Regional IMATs (0-3 Teams)</td>
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<td>Assigned:</td>
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<td>PMC / NMC:</td>
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<td>US&amp;R (&gt;66%)</td>
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<td>MERS (&gt;66%)</td>
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<td>FCO (≤1 Type I)</td>
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<td>PMC / NMC:</td>
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<tr>
<td>Deployed:</td>
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</table>

**Cadres with Less than 25%:** DI 11% (13/128), DSA 24% (199/839), EHP 14% (44/320), ER 16% (10/61), FLDR 25% (41/169), FM 21% (61/293), HR 20% (51/253), IT 15% (95/628), LOG 12% (139/1,166), NDRS 25% (46/182), OPS 24% (61/257), PL 23% (98/440), SAF 17% (10/60), SEC 5% (5/97)

**As of 3:00 a.m. EDT November 4, 2017**

**Field Offices**

- **B: C – IRC**
  - FBO: Bothell, WA

- **B: D – B**
  - FBO: Savannah, GA

- **B: E – 248**
  - FBO: Sterling, VA

- **A: A – 3309**
  - FBO: Virginia Beach, VA

- **A: B – 4006**
  - FBO: Miami, FL

- **A: C – 4029**
  - FBO: St. Petersburg, FL

- **A: D – 3395**
  - FBO: Jacksonville, FL

- **A: E – 4366**
  - FBO: Orlando, FL

- **A: F – 4361**
  - FBO: Hollywood, FL

- **A: G – 6980**
  - FBO: Cape Canaveral, FL

- **A: H – 3053**
  - FBO: Ft. Lauderdale, FL

- **A: I – 4369**
  - FBO: Fort Lauderdale, FL

**Deployed Teams (Location)**

- **B: C – IRC**
  - FBO: Bothell, WA

- **B: D – B**
  - FBO: Savannah, GA

- **B: E – 248**
  - FBO: Sterling, VA

- **A: A – 3309**
  - FBO: Virginia Beach, VA

- **A: B – 4006**
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  - FBO: Cape Canaveral, FL

- **A: H – 3053**
  - FBO: Ft. Lauderdale, FL

- **A: I – 4369**
  - FBO: Fort Lauderdale, FL

*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>
<th>Reason/Comments</th>
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<td>NWC</td>
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<td>Steady State</td>
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<td>NRCC</td>
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<td>Blue</td>
<td>Modified Level III</td>
<td>Monday - Saturday 8:00 a.m. - 6:00 p.m. EDT</td>
<td>Response and Recovery Tropical Cyclones Harvey, Irma, and Maria</td>
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<td>Hurricane Season</td>
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<td>RRCCs</td>
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</tbody>
</table>

**Back-up Region: V, VII & VIII**
Daylight Savings Time Ends

**Reminder:**
- Daylight Savings Time ends Sunday, November 5, 2017 at 2:00 a.m. EDT
- Turn clocks back one hour before going to bed Saturday night
- Eastern Daylight Time (EDT) will be reported as Eastern Standard Time (EST)
- This is a good time to replace batteries in both smoke and carbon monoxide detectors; a detector with dead batteries is the same as not having a detector at all
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.