Significant Activity – Oct 12-13

Significant Events:
- Response and recovery – Harvey, Irma, Maria; CA Wildfires

Tropical Activity:
- Atlantic – Hurricane Ophelia (CAT 1); Disturbance 1 (Low - 30%)
- Eastern Pacific – Disturbance 1 (Medium – 50%)
- Central Pacific – No tropical cyclones expected next 5 days
- Western Pacific – No activity affecting U.S. interests

Significant Weather:
- Critical and elevated fire weather conditions – CA
- Red Flag Warnings – CA & CO
- Space Weather:
  - Past 24-hours: Minor; geomagnetic storms reaching G1 level occurred
  - Next 24-hours: Minor; geomagnetic storms reaching G1 level expected

Earthquake Activity: No significant activity

Declaration Activity:
- Amendment No. 1 to FEMA-4343-DR-WI
- Amendment No. 1 to FEMA-3391-EM-PR
- Amendment No. 5 to FEMA-4336-DR-PR
- Amendment No. 3 to FEMA-4339-DR-PR
- Amendment No. 1 to FEMA-4342-DR-ID
- Amendment No. 1 to FEMA-4344-DR-CA
- Amendment No. 2 to FEMA-3384-EM-PR
Tropical Outlook – Atlantic

**Hurricane Ophelia (CAT 1) (Advisory #17 as of 5:00 a.m. EDT)**
- Located 615 miles SW of the Azores
- Moving ENE at 8 mph
- Maximum winds 105 mph
- Only slight weakening is forecast next 48 hours
- Hurricane force winds extend 24 miles
- Tropical storm force winds extend 90 miles

**Disturbance 1 (as of 8:00 a.m. EDT)**
- Located 350 miles E of the Lesser Antilles
- Moving WNW at 15 mph
- Conditions could become a little more conducive for some development early next week
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (30%)
**Tropical Outlook – Eastern Pacific**

*Disturbance 1* (as of 8:00 a.m. EDT)
- Located 750 miles S of southern tip of Baja California Peninsula, Mexico
- Moving WNW at 10 -15 mph
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: Medium (50%)
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.
Hurricane Update – Caribbean

**Current Situation**
Life safety and life sustainment efforts in PR and USVI ongoing. Flash Flood Warning remains in effect for Guajataca Dam in PR. Flash Flood Watch in effect for most of PR due to tropical precipitation over the next day or so.

**Impacts**

**Population:**
- Shelters: 108 (+1) with 5,602 occupants in PR; 5 with 339 occupants in USVI
- Disaster Assistance Registrations: 463k in PR; 10k in USVI

**Communications:**
- PR: 22% of cell towers operational; 64% of the PR population live in areas where wireless coverage is available for voice and text messages
- USVI: 45% of cell towers operational (St. Thomas: 50%; St. John: no cell sites operational; St. Croix: 48%)

**Power:**
- Restoration: PR: 17% with electricity; tie line failure that caused the generation plant failure October 10 is repaired; USVI: St. Thomas: 14.4%; St. John: 0%; St. Croix: 12% on power grid; 90% of the USVI to be restored by late December
- Generators: PR: 70 installed; 135 available; 365 en route; USVI: 55 generators installed, 50 available; 39 en route

**Health and Medical:**
- PR Hospitals: 65 open; 36 connected to power grid, 29 on generator power; USNS Comfort conducting medical support operations in Arecibo and Aguadilla
- USVI: USVI Department of Health (DOH) is without power; ESF-8 & DOH to assess damage to vaccine supply. St. Croix: Charles Harwood Hospital and Governor Juan Luis Hospital damaged but partially open; St. Thomas: Schneider Medical Center damaged; DoD established mobile medical facility

**FEMA Response**
- NRCC: Level I (day shift), Enhanced Watch (night shift)
- National IMAT East-2: Deployed to PR
- FEMA Region II & X IMATs: Deployed to USVI
- FEMA Region III IMAT: Deployed to PR
- MERS teams deployed to both USVI & PR
California Wildfires

Current Situation
20 large fires burning (FMAGs issued for 10) across 196k acres of state and private land. Critical and elevated fire weather conditions will continue in CA through early Sunday.

Impacts:
• 29 confirmed fatalities (CalOES law enforcement)
• Approximately 101k people under mandatory evacuations
• 33,213 (-3k) homes threatened; 64 (-30) damaged; 1,300 (-31) destroyed
• Within existing fire perimeters: Population 26,270, 2 mobile home parks, 12 schools, 10 emergency medical services, 10 fire stations, 5 NSS shelters, 13 nursing homes, 3 cell towers
• 39k (-20k) customers without power and 36k without gas (FEMA Region IX)

State/Local Response:
• Governor declared a state of emergency in Napa, Sonoma, Butte, Lake, Solano, Mendocino, Nevada, Orange, and Yuba counties
• CA EOC at Partial Activation
• 58 ARC and independent shelters open with 4,902 (-215) occupants (ARC Midnight Shelter Count as of 5:41 am EDT)

FEMA Response:
• Major Disaster Declaration FEMA-4344-DR-CA and 10 FMAGs approved
• Region IX IMAT-1 & LNO deployed to CA EOC
• Staging Area established at Travis AFB
National Weather Forecast

Today

Tomorrow
Precipitation Forecast

Days 1-3

Day 1

Day 2

Day 3
Hazards Outlook – Oct 15-19

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

- High Winds 10/15
- Heavy Snow 10/16 - 10/19
- Heavy Rain 10/17 - 10/19
- Much Below Normal Temperatures 10/15

NO HAZARDS POSTED
U.S. Drought Monitor

Continental U.S. (CONUS)

October 10, 2017
(Released Thursday, Oct. 12, 2017)
Valid 8 a.m. EDT

Intensity:
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on meteorological conditions. Local conditions may vary. See accompanying text summary for forecast statements.

Author:
Anthony Amore
NOAA/NWS/NCER/FPC

http://droughtmonitor.unl.edu/

U.S. Drought Monitor Class Change - CONUS
1 Week

October 10, 2017
compared to
October 3, 2017

http://droughtmonitor.unl.edu
## 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>Minor</td>
<td>G1</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td><strong>Next 24 Hours</strong></td>
<td>Minor</td>
<td>G1</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</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]

### Sunspot Activity

![Sunspot Activity Image]
<table>
<thead>
<tr>
<th>Complex</th>
<th>Fire Name (County)</th>
<th>FMAG # (Approved Date)</th>
<th>Acres Burned</th>
<th>Percent Contained</th>
<th>Evacuations M = Mandatory V = Voluntary</th>
<th>Structures</th>
<th>Fatalities / Injuries</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Threatened</td>
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<td>Damaged</td>
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<td></td>
<td></td>
<td>Destroyed</td>
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<tr>
<td>California (9)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Central LNU Complex</td>
<td>Tubbs Fire (Sonoma / Napa)</td>
<td>5215-FM-CA (October 9, 2017)</td>
<td>34,770</td>
<td>10%</td>
<td>65,000 (M)</td>
<td>29,192</td>
<td>16,043 Homes</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>576</td>
<td>550 Homes</td>
</tr>
<tr>
<td>Southern LNU Complex</td>
<td>Atlas Fire (Napa / Solano)</td>
<td>5214-FM-CA (October 9, 2017)</td>
<td>43,762</td>
<td>7%</td>
<td>15,000 (M)</td>
<td>5,000</td>
<td>400 Homes</td>
</tr>
<tr>
<td></td>
<td>Nuns Fire (Sonoma)</td>
<td>5220-FM-CA (October 9, 2017)</td>
<td>17,489</td>
<td>3%</td>
<td>1,500 (M)</td>
<td>871</td>
<td>870 Homes</td>
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<tr>
<td></td>
<td>Partrick Fire (Napa / Sonoma)</td>
<td>5222-FM-CA (October 9, 2017)</td>
<td>10,817</td>
<td>3%</td>
<td>5,600 (M)</td>
<td>5,000</td>
<td>0</td>
</tr>
<tr>
<td>NEU Wind Complex</td>
<td>Cascade Fire (Yuba / Butte)</td>
<td>5216-FM-CA (October 9, 2017)</td>
<td>12,399</td>
<td>20%</td>
<td>2,200 (M)</td>
<td>1,000</td>
<td>0</td>
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<tr>
<td></td>
<td>Lobo Fire (Nevada)</td>
<td>5217-FM-CA (October 9, 2017)</td>
<td>829</td>
<td>57%</td>
<td>Lifted</td>
<td>6,000</td>
<td>0</td>
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<tr>
<td></td>
<td>La Porte Fire (Butte)</td>
<td>5218-FM-CA (October 9, 2017)</td>
<td>6,109</td>
<td>25%</td>
<td>4,000 (M)</td>
<td>650</td>
<td>0</td>
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<tr>
<td>Mendocino Lake Complex</td>
<td>Potter Valley Fire (Mendocino)</td>
<td>5219-FM-CA (October 9, 2017)</td>
<td>34,000</td>
<td>10%</td>
<td>8,000 (M)</td>
<td>1,000</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Sulphur Fire (Lake)</td>
<td>5221-FM-CA (October 9, 2017)</td>
<td>2,500</td>
<td>55%</td>
<td>Lifted</td>
<td>2,250</td>
<td>0</td>
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</table>
## Disaster Requests & Declarations

### Declaration Requests in Process

<table>
<thead>
<tr>
<th>Request Description</th>
<th>7</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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</thead>
<tbody>
<tr>
<td>NY – DR ( Expedited) Flooding</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>July 6, 2017</td>
<td>0</td>
<td>0</td>
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<tr>
<td>ND – DR Severe Storm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>August 24, 2017</td>
<td></td>
<td></td>
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<tr>
<td>KS – DR Severe Storms, Straight-line Winds, and Flooding</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>August 31, 2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IL – DR Severe Storms and Flooding</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>August 31, 2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NY – DR Severe Storms, Tornadoes, and Flooding</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>August 31, 2017</td>
<td></td>
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<tr>
<td>LA – DR Hurricane Harvey</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>September 25, 2017</td>
<td></td>
<td></td>
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<tr>
<td>SC – DR Hurricane Irma</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>September 27, 2017</td>
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# Disaster Amendments

<table>
<thead>
<tr>
<th>Amendment</th>
<th>Effective Date</th>
<th>Action</th>
</tr>
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<tbody>
<tr>
<td>Amendment No. 1 to FEMA-4343-DR-WI</td>
<td>October 8, 2017</td>
<td>Changes the FCO to Janet M. Odeshoo</td>
</tr>
<tr>
<td>Amendment No. 1 to FEMA-4344-DR-CA</td>
<td>October 12, 2017</td>
<td>Adds Individual Assistance for one county</td>
</tr>
<tr>
<td>Amendment No. 2 to FEMA-3384-EM-PR</td>
<td>October 10, 2017</td>
<td>Changes the FCO to Michael F. Byrne</td>
</tr>
<tr>
<td>Amendment No. 1 to FEMA-3391-EM-PR</td>
<td>October 10, 2017</td>
<td>Changes the FCO to Michael F. Byrne</td>
</tr>
<tr>
<td>Amendment No. 5 to FEMA-4336-DR-PR</td>
<td>October 10, 2017</td>
<td>Changes the FCO to Michael F. Byrne</td>
</tr>
<tr>
<td>Amendment No. 3 to FEMA-4339-DR-PR</td>
<td>October 10, 2017</td>
<td>Changes the FCO to Michael F. Byrne</td>
</tr>
<tr>
<td>Amendment No. 1 to FEMA-4342-DR-ID</td>
<td>October 10, 2017</td>
<td>Changes the FCO to Sharon Loper</td>
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</table>
## Readiness – Deployable Teams and Assets

### National IMATs* (1 Teams)

<table>
<thead>
<tr>
<th>Resource</th>
<th>Force Strength</th>
<th>Available</th>
<th>Deployed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>East 1: Available</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>East 2: Deployed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>West: Deployed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Regional IMATs (0-3 Teams)

<table>
<thead>
<tr>
<th>Resource</th>
<th>Assigned</th>
<th>Available</th>
<th>PMC / NMC:</th>
<th>Deployed</th>
</tr>
</thead>
<tbody>
<tr>
<td>East 1:</td>
<td>13</td>
<td>2</td>
<td>0</td>
<td>11</td>
</tr>
<tr>
<td>East 2: Available</td>
<td>28</td>
<td>27</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>West: Deployed</td>
<td></td>
<td></td>
<td>0</td>
<td>24</td>
</tr>
</tbody>
</table>

### US&R (>66%)

<table>
<thead>
<tr>
<th>Resource</th>
<th>Assigned</th>
<th>Available</th>
<th>NMC:</th>
<th>Deployed</th>
</tr>
</thead>
<tbody>
<tr>
<td>West: Deployed</td>
<td></td>
<td></td>
<td>0</td>
<td>24</td>
</tr>
</tbody>
</table>

### MERS (>33%)

<table>
<thead>
<tr>
<th>Resource</th>
<th>Assigned</th>
<th>Available</th>
<th>NMC:</th>
<th>Deployed</th>
</tr>
</thead>
<tbody>
<tr>
<td>West: Deployed</td>
<td></td>
<td></td>
<td>0</td>
<td>24</td>
</tr>
</tbody>
</table>

### FCO (≤1 Type I)

<table>
<thead>
<tr>
<th>Resource</th>
<th>Assigned</th>
<th>Available</th>
<th>NMC:</th>
<th>Deployed</th>
</tr>
</thead>
<tbody>
<tr>
<td>West: Deployed</td>
<td></td>
<td></td>
<td>0</td>
<td>24</td>
</tr>
</tbody>
</table>

### FDRC (1)

<table>
<thead>
<tr>
<th>Resource</th>
<th>Assigned</th>
<th>Available</th>
<th>NMC:</th>
<th>Deployed</th>
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</thead>
<tbody>
<tr>
<td>West: Deployed</td>
<td></td>
<td></td>
<td>0</td>
<td>24</td>
</tr>
</tbody>
</table>

### Cadres Less than 25%:
- DI 5% (6/127)
- DFO 24% (46/188)
- DSA 2% (20/830)
- EA 18% (111/619)
- EHP 8% (27/315)
- ER 7% (6/161)
- FLDR 19% (32/169)
- FM 17% (51/291)
- HM 20% (192/980)
- HR 14% (37/251)
- IA 21% (534/2,418)
- IT 9% (59/624)
- LOG 13% (159/1,136)
- MERS 16% (29/179)
- OPS 18% (46/253)
- PL 21% (93/449)
- SAF 13% (8/60)
- SEC 2% (2/97)

### Resource Force Strength

<table>
<thead>
<tr>
<th>Available</th>
<th>Deployed</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,978 ▲ 17%</td>
<td>7,506 ▲</td>
<td>1,834</td>
</tr>
</tbody>
</table>

### Total Workforce

<table>
<thead>
<tr>
<th>Available</th>
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<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>11,318 ▲</td>
<td>7,506 ▲</td>
<td>1,834</td>
</tr>
</tbody>
</table>

### Field Offices

- **JFOs:** 14
- **Preparedness/Response:** 29
- **EMS:** 7

### Deployed Teams (Location)

- **D-**
  - NCC: Boise, Idaho
  - MERS: Bozeman, Montana
- **E-**
  - ECAP: Baltimore, Maryland
  - EAP: Charlotte, North Carolina
- **C-**
  - ECAP: Jacksonville, Florida
- **I-**
  - NCC: Durham, North Carolina
  - MERS: Richmond, Virginia

### As of 9:00 a.m. EDT October 13, 2017

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

---

*DI = Disasters and Injuries*  
*DFO = Federal/Other*  
*DSA = Domestic Support to Administration*  
*EA = Emergency Administration*  
*EHP = Emergency Preparedness*  
*ER = Emergency Response*  
*FLDR = Federal Law Enforcement & Response*  
*FM = Federal Medical*  
*HM = Housing Management*  
*HR = Human Resources*  
*IA = Integration Assistance*  
*IT = Information Technology*  
*LOG = Logistical Operations*  
*NDRS = National Domestic Response System*  
*OPS = Operations*  
*PL = Planning*  
*SAF = Support to American Forces Abroad*  
*SEC = Security*
# 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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</thead>
<tbody>
<tr>
<td>NWC</td>
<td></td>
<td>5</td>
<td>Not Activated</td>
<td></td>
<td></td>
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<tr>
<td>NRCC</td>
<td></td>
<td>2</td>
<td>Activated</td>
<td>Gold</td>
<td>Level I</td>
<td></td>
<td>Tropical Activity – Atlantic</td>
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<tr>
<td></td>
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<td></td>
<td></td>
<td>Enhanced Watch</td>
<td>Day shift</td>
<td>Night shift</td>
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<tr>
<td>HLT</td>
<td></td>
<td>1</td>
<td>Activated</td>
<td></td>
<td></td>
<td></td>
<td>Hurricane Season</td>
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<tr>
<td>RWCs/MOCs</td>
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<td>10</td>
<td>Steady State</td>
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<tr>
<td>RRCCs</td>
<td></td>
<td>10</td>
<td>Not Activated</td>
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</tbody>
</table>

Back-up Region: VI & X
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.