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.



# **FEMA**

# **Daily Operations Briefing**

Saturday, October 14, 2017

8:30 a.m. EDT

# Significant Activity – Oct 13-14

# **FEMA**

#### **Significant Events:**

Response and recovery – Harvey, Irma, Maria; CA Wildfires

#### **Tropical Activity:**

- Atlantic Hurricane Ophelia (CAT 2); Disturbance 1 (Medium 40%)
- Eastern Pacific Disturbance 1 (High 80%)
- 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, NV, AZ, UT, NM & CO
- Red Flag Warnings CA, AZ, NV & CO
- Space Weather:
  - o Past 24-hours: Moderate; geomagnetic storms reaching G2 level occurred
  - o Next 24-hours: Minor; geomagnetic storms reaching G1 level expected

#### Earthquake Activity: No significant activity

#### **Declaration Activity:**

- Amendment No. 2 to FEMA-4344-DR-CA
- Amendment No. 2 to FEMA-3388-EM-STOF
- Amendment No. 1 to FEMA-4341-DR-STOF
- Amendment No. 2 to FEMA-3392-EM-LA
- Amendment No. 1 to FEMA-3393-EM-MS
- Amendment No. 1 to FEMA-3395-EM-FL

### Tropical Outlook – Atlantic

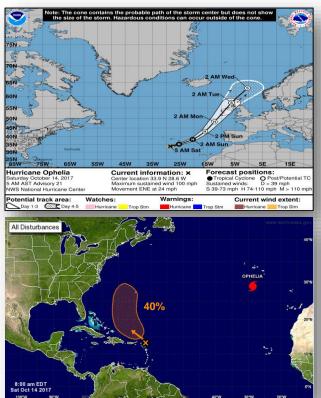
#### Hurricane Ophelia (CAT 2) (Advisory #21 as of 5:00 a.m. EDT))

- Located 295 miles SW of the Azores
- Moving ENE at 24 mph
- Maximum winds 100 mph; little change in strength expected today, followed by slow weakening on Mon and Tue
- Hurricane force winds extend up to 25 miles; tropical storm force winds extend up to 90 miles
- No coastal tropical cyclone watches or warnings in effect

#### <u>Invest 92L</u> (as of 8:00 a.m. EDT)

- Gradually approaching Leeward Islands
- Unfavorable for development over the next couple of days
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Medium (40%)





### Tropical Outlook – Eastern Pacific



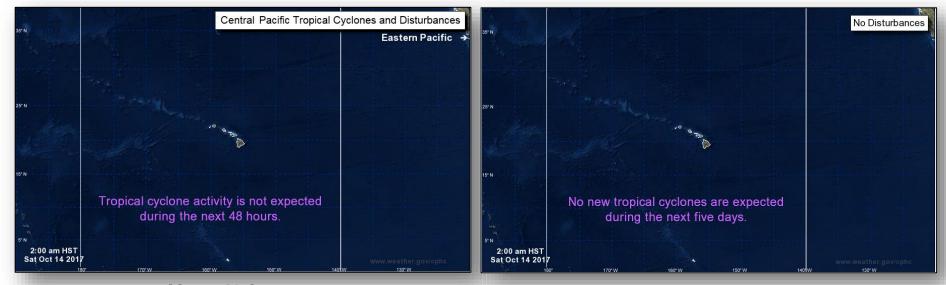
#### Invest 91E (as of 8:00 a.m. EDT)

- Located 700 miles S of southern tip of Baja California Peninsula, Mexico
- Moving WNW at 10-15 mph
- Conditions expected to support additional development over next few days; tropical depression likely to form
- Formation chance through 48 hours: High (70%)
- Formation chance through 5 days: High (80%)



### Tropical Outlook – Central Pacific





Next 48 hours Next 5 days

## PR/USVI Update

# **FEMA**

#### FEMA Response

- NRCC: Level I (day shift); Enhanced Watch (night shift)
- NWC: Steady State
- · 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

#### **Puerto Rico**

- Shelters: 108 shelters open with 5,416 occupants
- Disaster Assistance Registrations: 463.4k

#### Power Outages / Restoration

- · 17% on power grid
- Estimates for restoration: 25% by end of October; 50% by end of November; and 75% by end of December; restoration in southeastern and central areas expected to take up to six months due to terrain and other regional impacts
- New York Power Authority to complete 306 grid assessments by October 29

#### Communications:

- Telecommunications restoration plan for main communication system expected October 13, 2017; restoration plans for the remainder will follow
- FCC approved Project Loon, a plan to deploy stratospheric balloons to create an aerial wireless network providing emergency Long Term Evolution service

#### Health & Medical

- USNS Comfort located approx. 30 nautical miles from Aguadilla; conducting logistics and medical support operations in Arecibo and Aguadilla
- Elements of the 14th Combat Surgical Hospital at Roosevelt Roads positioned in city of Humacao; expect to be operational October 15, 2017 pending delivery of medical supplies

#### **U.S. Virgin Islands**

- Shelters: 5 shelters open with 327 occupants
- Disaster Assistance Registrations: 10.4k

#### Power Outages / Restoration

- Customers on power grid: St. Thomas 14.4%, St. John 0%, St. Croix 12%
- Complete restoration on St. John expected within 3-4 weeks
- Power restored to USVI Department of Public Works maintenance facility on St. Thomas; facility no longer operating on generator power

#### Communications:

- St. Thomas: Installed VI repeater and radio channels for inter-island communications and a FEMA radio channel with National Response Network connectivity; inflatable communications terminal installed on Crown Mountain to provide reach-back to net control for FEMA
- St. John: installed antennas, cabling and radios in clinics and firehouses
- St. Croix: delivery of 20 satellite terminals expected October 18, 2017

#### Health & Medical

- St. Croix: Department of Health's Charles Harwood Facility now offering limited services; department is assessing other sites for services
- All elements of the 575th Area Support Medical Company arrived, expects to be operational October 13, 2017
- · Governor Juan Luis Hospital and Medical Center partially open

### California Wildfires



#### **Situation**

20 large wildfires are burning across 196k acres of state and private land, causing continued and significant threat to life, property, and commerce in the counties of Napa, Solano, Sonoma, Nevada, Yuba, Butte, Lake, Orange, Riverside, and Mendocino.

#### **Impacts**

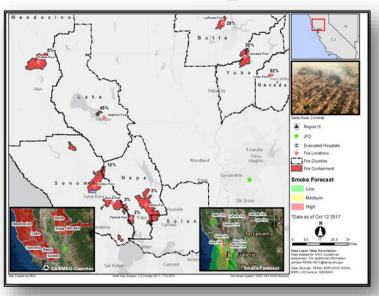
- Air quality from San Francisco to Sacramento varies from "Moderately Unhealthy" to "Very Unhealthy" while much of CA falls under a Moderate Air Quality Index
- Two hospitals evacuated in Santa Rosa
- High pressure gas lines, hydroelectric infrastructure, water supplies, and communication infrastructures threatened, damaged, or destroyed
- · Commercial and agricultural vineyards are threatened, damaged or destroyed
- Arduous work and lack of relief are causing fatigue on resources working to control fires
- Multiple roadways closed due to debris and downed power lines, trees, and vegetation

#### **FEMA Response**

- Major Disaster Declaration FEMA-4344-DR-CA and 10 FMAG's approved
- Region IX RRCC: not activated; RWC at Steady State (24/7)
- Region IX IMAT-1 and LNO deployed to CA EOC
- Bothell & Denver MERS deployed to Sacramento, CA

#### State/Local Response

- Governor declared a state of emergency for nine counties
- CA EOC at Partial Activation
- 50 ARC and independent shelters open with 4,231 occupants (ARC Midnight Shelter Count as of 5:35 am EDT)



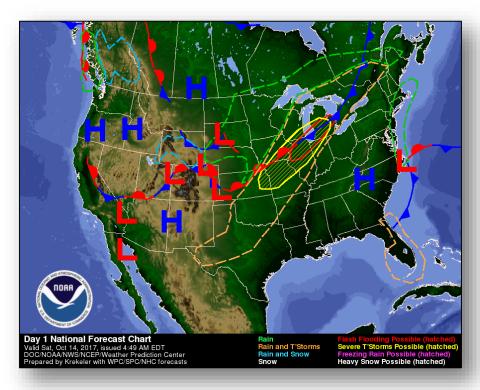
# Wildfire Summary

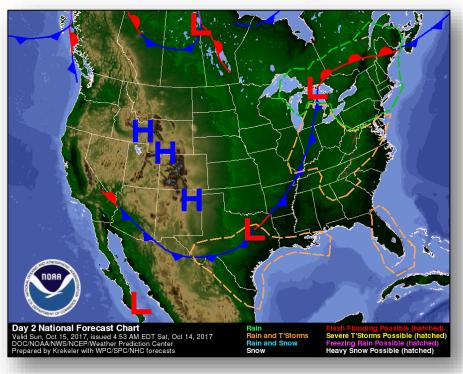


| Complex                 | Fire Name                        | FMAG #                          | Acres              | Percent       | Everystians |                          | Fatalities       |                        |            |
|-------------------------|----------------------------------|---------------------------------|--------------------|---------------|-------------|--------------------------|------------------|------------------------|------------|
| Complex                 | (County)                         | (Approved Date)                 | Burned             | Contained     | Evacuations | Threatened               | Damaged          | Destroyed              | / Injuries |
|                         |                                  |                                 |                    | California (  | (9)         |                          |                  |                        |            |
| Central LNU<br>Complex  | Tubbs Fire<br>(Sonoma / Napa)    | 5215-FM-CA<br>(October 9, 2017) | 92,370<br>(+2,750) | 14%           | Mandatory   | 33,943<br>(31,373 homes) | 60<br>(55 homes) | 2,017<br>(1,920 homes) | 17 / 0     |
|                         | Atlas Fire<br>(Napa / Solano)    | 5214-FM-CA<br>(October 9, 2017) |                    | 45%           | Mandatory   | 5,000 homes              | 41<br>(30 homes) | 330<br>(234 homes)     | 4 (+2) / 0 |
| Southern LNU<br>Complex | Nuns Fire<br>(Sonoma)            | 5220-FM-CA<br>(October 9, 2017) | 48,288             |               |             |                          |                  |                        |            |
|                         | Partrick Fire<br>(Napa / Sonoma) | 5222-FM-CA<br>(October 9, 2017) |                    |               |             |                          |                  |                        |            |
|                         | Cascade Fire<br>(Yuba / Butte)   | 5216-FM-CA<br>(October 9, 2017) |                    | 75%<br>(+22%) | Mandatory   | 0                        | 57<br>(6 homes)  | 366<br>(208 homes)     | 4/1        |
| NEU Wind<br>Complex     | Lobo Fire<br>(Nevada)            | 5217-FM-CA<br>(October 9, 2017) | 17,155             |               |             |                          |                  |                        |            |
|                         | La Porte Fire<br>(Butte)         | 5218-FM-CA<br>(October 9, 2017) |                    |               |             |                          |                  |                        |            |
| Mendocino Lake          | Potter Valley Fire (Mendocino)   | 5219-FM-CA<br>(October 9, 2017) | 26 500             | 22%           | Mandatory   | 1,000 homes              | 51<br>(18 homes) | 481<br>(314 homes)     | 0 / 4      |
| Complex                 | Sulphur Fire<br>(Lake)           | 5221-FM-CA<br>(October 9, 2017) | 36,500             | (+9%)         |             |                          |                  |                        | 8 / 1      |

### National Weather Forecast



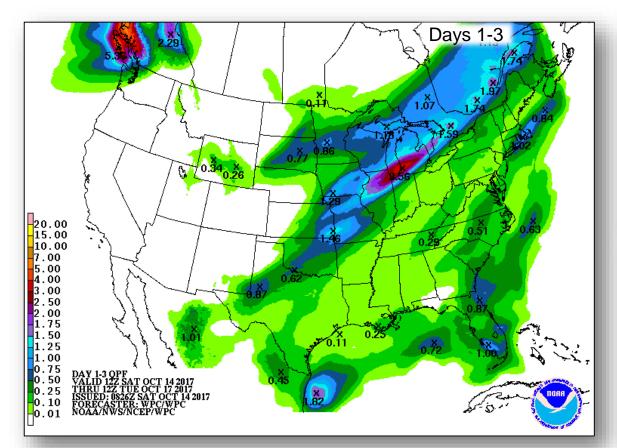


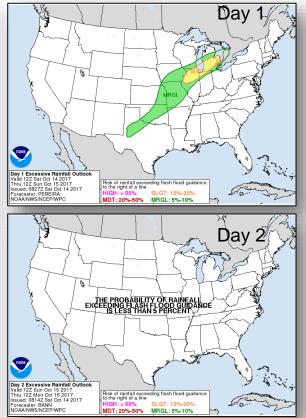


Today Tomorrow

## Precipitation Forecast & Flash Flood Risk

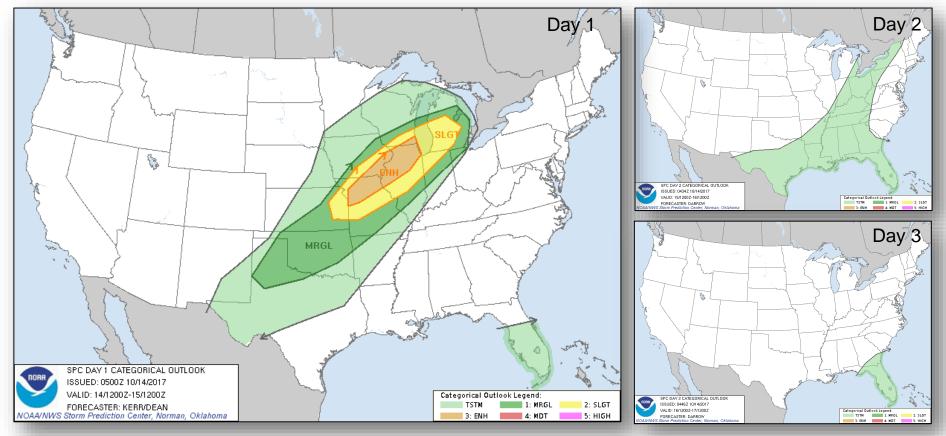






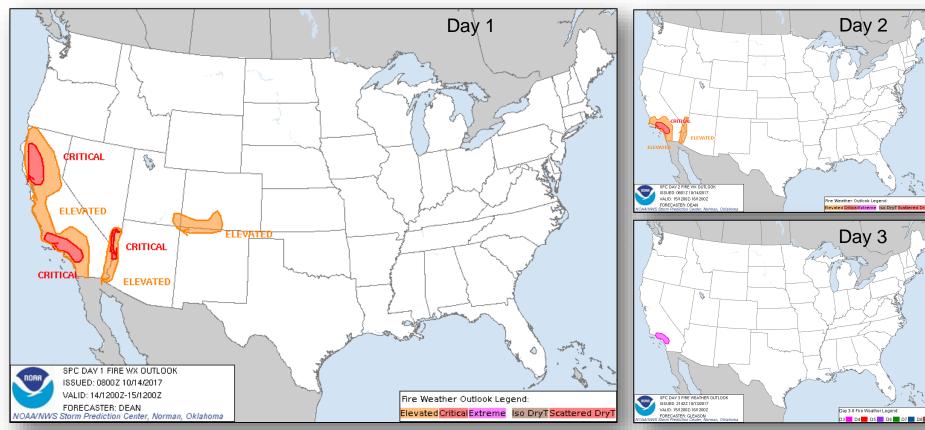
# Severe Weather Outlook – Days 1-3





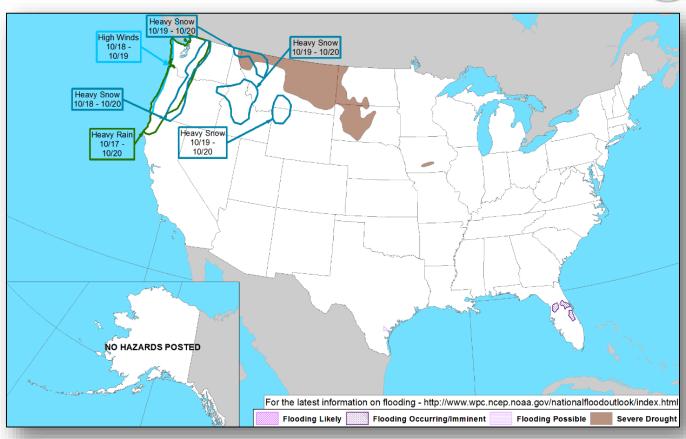
### Fire Weather Outlook





## Hazards Outlook – Oct 16-20



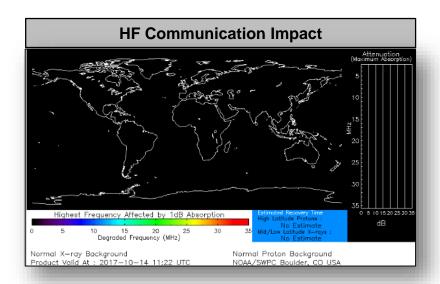


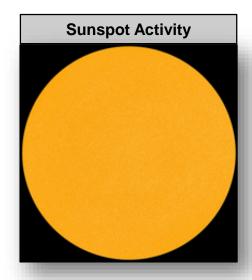
# Space Weather



|               | Space Weather Geomagnetic Activity Storms |    | Solar Radiation | Radio<br>Blackouts |  |
|---------------|---|----|-----------------|--------------------|--|
| Past 24 Hours | Moderate                                  | G2 | None            | None               |  |
| Next 24 Hours | Minor                                     | G1 | None            | None               |  |

For further information on NOAA Space Weather Scales refer to <a href="http://www.swpc.noaa.gov/noaa-scales-explanation">http://www.swpc.noaa.gov/noaa-scales-explanation</a>





# Disaster Requests & Declarations



| Declaration Requests in Process                          | Requests<br>APPROVED<br>(since last report) | Requests<br>DENIED<br>(since last report) |    |                    |   |   |
|--|---|---|----|--------------------|---|---|
| 7  | IA  | РА  | НМ | Date Requested     | 0 | 0 |
| NY – DR (Expedited) Flooding                             | Х   | Х   | Х  | July 6, 2017       |   |   |
| ND – DR Severe Storm                                     |   | Х   | Χ  | August 24, 2017    |   |   |
| KS – DR Severe Storms, Straight-line Winds, and Flooding |   | Х   | Χ  | August 31, 2017    |   |   |
| IL – DR Severe Storms and Flooding                       | Х   |   | Χ  | August 31, 2017    |   |   |
| NY – DR Severe Storms, Tornadoes, and Flooding           | Х   | Х   | Χ  | August 31, 2017    |   |   |
| LA – DR Hurricane Harvey                                 |   |   | Χ  | September 25, 2017 |   |   |
| SC – DR Hurricane Irma                                   |   | Х   | Х  | September 27, 2017 |   |   |

### Disaster Amendments



| Amendment                            | Effective Date   | Action  |
|--------------------------------------|------------------|---|
| Amendment No. 2 to FEMA-4344-DR-CA   | October 13, 2017 | Adds IA for one county, PA for two counties           |
| Amendment No. 2 to FEMA-3388-EM-STOF | October 12, 2017 | Closes the incident period effective October 4, 2017  |
| Amendment No. 1 to FEMA-4341-DR-STOF | October 12, 2017 | Closes the incident period effective October 4, 2017  |
| Amendment No. 2 to FEMA-3392-EM-LA   | October 13, 2017 | Closes the incident period effective October 8, 2017  |
| Amendment No. 1 to FEMA-3393-EM-MS   | October 12, 2017 | Closes the incident period effective October 10, 2017 |
| Amendment No. 1 to FEMA-3395-EM-FL   | October 13, 2017 | Closes the incident period effective October 11, 2017 |

# Readiness – Deployable Teams and Assets



| Resource             | Force<br>Strength | Available   | Deployed Other                                  | 12% (37/3                             | 315), ER 10% (6  | 6/61), FLDR 199                                   | 6 (32/169), FM 1   | 8% (52/291), HI   | M 20% (192/980),  | % (121/619), EHP<br>HR 15% (37/251),               |
|----------------------|-------------------|-------------|---|---------------------------------------|--|---|--|---|---|--|
| Total Workfo         | rce 11,317 🔻      | 2,081 🛕 18% | 7,407 🔻 1,829                                   |                                       | 96/2,418), 11 9%<br> 49), SAF 13% (  |   |  | 6), NDRS 16% (2   | 29/179), OPS 18%  | % (47/253), PL                                     |
| National             | East 1:           | Available   |   | thell, WA                             | 323-DR-ND<br>CO: James R. Stephenson   | 4319-DR-KS<br>4321-DR-NE                          | <b>4317-DR-MO</b><br>JFO: Jefferson City, MO   |   | 4330-DR-VT<br>4316-DR-NH  | Field Offices *                                    |
| IMATs*               | East 2:           | Deployed    | FCO: SI   | V                                     | 327-DR-WY<br>JFO: Denver, CO<br>CO: Jon Huss   | 4325-DR-NE<br>4334-DR-IA<br>VJFO: Kansas City, MO | FCO: C. Johnson-Cage   | FCO: Janet M. Odeshoo   | VJFO: Maynard, MA<br>FCO: James N. Russo  | DRs: 29  |
| (1 Teams)            | West:             | Deployed    |   |                                       | CO: Joh Huss   | FCO: Michael R. Scott                             |  |   | FCO: James N. Russo   | EMs: 7 Deployed Teams                              |
| Dogional             | Assigned:         | 13          |   |                                       | TA E   |   |  |   |   | (Location)  4331-DR-WV                             |
| Regional             | Available:        | 2           |   | 1                                     |  |   | - Comment  |   |   | JFO: Charleston, WV<br>FCO: Steven S. Ward         |
| IMATs<br>(0-3 Teams) | PMC / NMC:        | 0           |   |                                       | · John   | 12里   |  | The state of  | To be de la constant |  |
| (0-5 Teams)          | Deployed:         | 11          | 4344-DR-CA*                                     | 1                                     |  | 50  |  | to an   |   | D.C. – NRCC<br>MERS: Bothell, Thomasville          |
|                      | Assigned:         | 28          | FCO: William Roche 4301-DR-CA                   |                                       | The state of the s | Tyle The second                                   |  | ) M   |   | 3386-EM-SC<br>3389-EM-AL                           |
| US&R                 | Available:        | 27          | 4305-DR-CA<br>4302-DR-HVT                       |                                       | av /   | The same  | 7  | N OH  |   | 3394-EM-AL<br>JFO: TBD                             |
| (>66%)               | PMC / NMC:        | 1           | 4308-DR-CA<br>4312-DR-RRT                       | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \  | *   |  | Jane State Control  | 7   | FCO: Warren J. Riley                               |
|                      | Deployed:         | 0           | JFO: Sacramento, CA<br>FCO: Timothy J. Scranton |                                       | 1  | ics;  |  | Will State of the | 3   | 4338-DR-GA<br>JFO: Warner Robins AFB, GA           |
|                      | Assigned:         | 36          | R-IX IMAT-2 (JFO) *R-IX IMAT-1 (CA EOC)         | and the                               | AZ   |   | K Z  | TN NC   | 3   | FCO: Thomas J. McCool                              |
| MERS                 | Available:        | 11 (-1)     | *MERS: Bothell & Denve                          | , (                                   | 7  | 3IM   | Al (All )  |   |   |  |
| (>33%)               | NMC:              | 0           |   |                                       | 1  |   |  |   |   | 3395-EM-FL<br>4337-DR-FL                           |
|                      | Deployed:         | 25 (+1)     |   |                                       |  | KATE STATES                                       |  |   |   | JFO: Orlando, FL<br>4341-DR-STOF                   |
|                      | Assigned:         | 38          |   |                                       |  |   | The state of the s |   |   | JFO: Hollywood, FL<br>FCO: Willie G. Nunn          |
| FCO                  | Available:        | 2           |   |                                       |  |   |  | Ve a  |   | R-I IMAT (Branch IV IOF)<br>RIV IMAT-1 (Miami, FL) |
| (≤1 Type I)          | PMC / NMC:        | 2           |   |                                       | 4332-DR-TX   | 4277-D  | 3393-E<br>JFO: TE  | BD  |   | RIV LNO (STOF EOC)<br>MERS: Denver, Frederick,     |
|                      | Deployed:         | 34          |   |                                       | JFO: Austin, TX<br>FCO: Kevin L. Han   | 3382-E  | M-LA   | lanny J. Toro   |   | Thomasville  |
|                      | Assigned:         | 14          |   |                                       | N-IMAT W (Austin   | n) JFO: Ba  | ton Rouge, LA 4336   | i-DR-PR<br>I-DR-PR  | DD A  | 4335-DR-USVI<br>4340-DR-USVI                       |
| FDRC                 | Available:        | 1           |   |                                       | R-VII IMAT (Houst<br>R-VIII IMAT (Austi  | ton) LA Rec                                       | JFO:   | San Juan, PR<br>: Michael F. Byrne  | USVI  | JFO: TBD<br>FCO: William L. Vogel                  |
| (1)                  | PMC / NMC:        | 1           |   |                                       | MERS: Bothell, De  |   | er: M. Womack  | IAT E2, R-III IMAT<br>S: Bothell, Denton,   |   | R-X IMAT (St. Thomas)<br>R-II IMAT (St. Croix)     |
|                      | Deployed:         | 12          | As of 3:00 a.m. EDT October 14, 2017            |                                       |  |   | Fred   | erick, Maynard, Denver  |   | MERS: Bothell, Maynard,<br>Denton, Denver          |

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

### FEMA Readiness – Activation Teams



| Resource  | Status | Total | Status        | Activated<br>Team | Activation<br>Level       | Activation<br>Times      | Reason/Comments              |
|-----------|--------|-------|---------------|-------------------|---------------------------|--------------------------|------------------------------|
| NWC       |        | 5     | Not Activated |                   |                           |                          |                              |
| NRCC      |        | 2     | Activated     | Gold              | Level I<br>Enhanced Watch | Day shift<br>Night shift | Tropical Activity – Atlantic |
| HLT       |        | 1     | Activated     |                   |                           |                          | Hurricane Season             |
| RWCs/MOCs |        | 10    | Steady State  |                   |                           |                          |                              |
| RRCCs     |        | 10    | Not Activated |                   |                           |                          |                              |

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.