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**

Sunday, October 15, 2017 8:30 a.m. EDT

## Significant Activity – Oct 14-15

# **FEMA**

#### **Significant Events:**

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

#### **Tropical Activity:**

- Atlantic Hurricane Ophelia (CAT 1); Disturbance 1 (Medium 50%)
- 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
- Red Flag Warnings CA, NV, AZ
- · Space Weather:
  - o Past 24-hours: Minor; geomagnetic storms reaching G1 level occurred
  - Next 24-hours: None Predicted

Earthquake Activity: No significant activity

#### **Declaration Activity:**

Amendment No. 3 to FEMA-4344-DR-CA

### Tropical Outlook – Atlantic

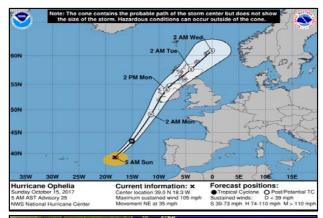
#### Hurricane Ophelia (CAT 2) (Advisory #25 as of 5:00 a.m. EDT))

- Located 475 miles E of the Azores; moving NE at 25 mph
- Maximum sustained winds 105 mph
- Some additional weakening is expected today; Ophelia is forecast to become a post-tropical cyclone by Monday
- Hurricane force winds extend 45 miles; tropical storm force winds extend 150 miles
- · No coastal tropical cyclone watches or warnings in effect

#### Invest 92L (as of 8:00 a.m. EDT)

- · Located more than 100 miles north of Puerto Rico
- · Low producing numerous showers and few squalls
- Formation chance through 48 hours: Low (30%)
- Formation chance through 5 days: Medium (50%)







### Tropical Outlook – Eastern Pacific



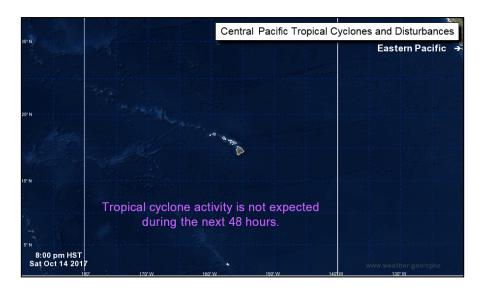
#### Invest 91E (as of 8:00 a.m. EDT)

- Located several hundred miles SW of southern tip of Baja California Peninsula, Mexico
- Moving WNW or at 10-15 mph
- Environmental conditions appear conducive for a tropical depression will likely form within the next day or two
- Formation chance through 48 hours: High (80%)
- Formation chance through 5 days: High (80%)



### Tropical Outlook – Central Pacific







Next 48 hours

Next 5 days

### PR/USVI Update

#### **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

#### **Puerto Rico**

- Shelters: 106 (-2) shelters open with 5,224 (-192) occupants
- Disaster Assistance Registrations: 463.4k

#### Power Outages / Restoration

- 14.6% (+5.8%) of normal peak load restored, up from 9% October 13, 2017
- San Juan Power Plant and Palo Seco Power Plants service restored; 21.2% (+1%) transmission lines or line sections energized; 33.1% (+1.5%) substations energized
- Generator pre-install inspections complete, 334 (+68); installations complete, 95 (+22); installations in progress, 36 (+13)

#### 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

- 64 Of 67 hospitals open: 36 fully connected to power grid, 28 operating on generator: 3 closed
- All open hospital facilities have some form of communication capability: 51 have telephone communications; 44 landline, 53 cell, 16 working internet
- USNS Comfort located approximately 30 nautical miles from Aguadilla, conducting logistics and medical support operations in Arecibo and Aguadilla



#### U.S. Virgin Islands

- Shelters: 5 shelters open with 319 (-8) occupants
- Disaster Assistance Registrations: 10.4k

#### Power Outages / Restoration

- · Restoration efforts continue with focus on critical facilities and backbone grid feeders
- VIWAPA estimate for restoration: 90% of territory on electrical grid by late December 2017
- Pre-install inspections complete, 194 (+10); installations complete, 70 (+20); installations in progress, 12 (-6)

#### 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

### High Risk Focus Areas

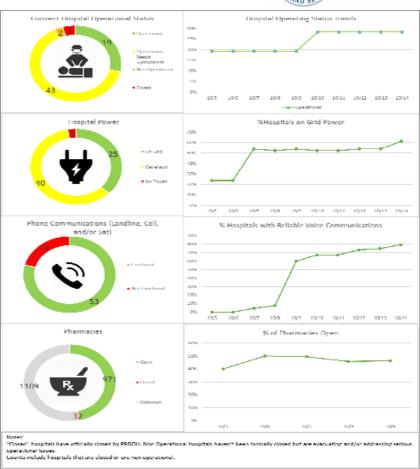
### **Guajataca Dam**

- A **High Risk Dam** before the hurricanes
- Spill way damaged
- Water level currently below the spillway
- Focused Activities:
  - · Reinforcing the spillway
  - · Lowering the water level to allow assessment

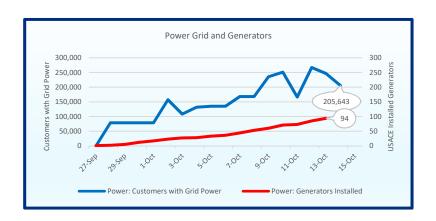
### **El Yunque Tower**

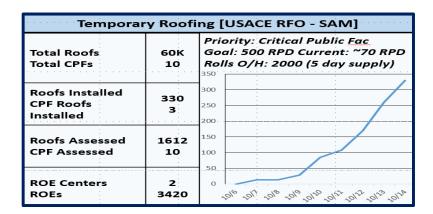
- Maintains 911 connectivity for the eastern 1/3rd of Puerto Rico
- Roadway is damaged and unstable
- USACE Geo Tech Engineer assessing
- Aerial Refueling as a stop-gap



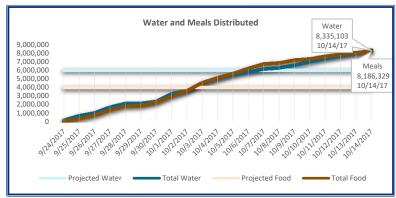


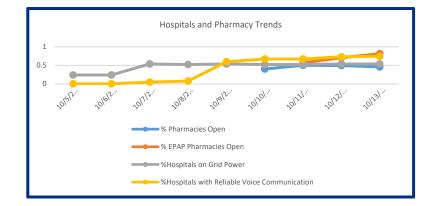
### Dashboard











### California Wildfires



#### Situation

Numerous large wildfires continue to burn across much of northern California, 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**

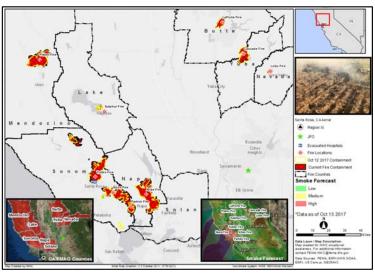
- Air quality from San Francisco to Sacramento varies from "Moderately Unhealthy" to "Very Unhealthy" while much of CA falls under a Moderate Air Quality Index
- Two hospitals evacuated in Santa Rosa
- High pressure gas lines, hydroelectric infrastructure, water supplies, and communication infrastructures 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
- Eight cell towers are offline; six of these towers will be offline long-term due to extensive damage

#### **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 deployed to CA EOC; LNO released to home station
- Bothell & Denver MERS deployed to Sacramento, CA

#### State/Local Response

- Governor declared a state of emergency for nine counties
- CA EOC at Partial Activation
- 51 (+1) ARC and independent shelters open with 4,234 (+3) occupants (ARC Midnight Shelter Count as of 5:35 am EDT)



## Wildfire Summary

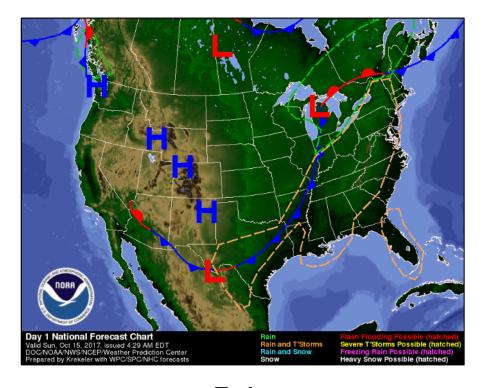


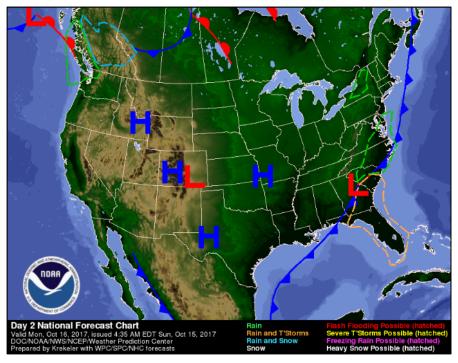
O. w. lev	Fire Name	FMAG #	Acres	Percent	F		Fatalities			
Complex	(County)	(Approved Date)	Burned	Contained	Evacuations	Threatened	Damaged	Destroyed	/ Injuries	
	California									
	Tubbs (Sonoma / Napa)	5215-FM-CA (October 9, 2017)		18%	Mandatory	36,746 (34,176 homes)	116 (96 homes)	3,462 (2,805 homes)		
*Central LNU Complex	Nuns (Sonoma) Moved from Southern LNU Complex	5220-FM-CA (October 9, 2017)	94,370						22 / 0	
*Southern LNU Complex	Atlas (Napa / Solano)	5214-FM-CA (October 9, 2017)		48%	Mandatory	5,000 homes	51 (35 homes)	379 (252 homes)		
	Partrick (Napa / Sonoma) Combined with Nuns	5222-FM-CA (October 9, 2017)	50,403						6/0	
	Cascade (Yuba / Butte)	5216-FM-CA (October 9, 2017)		87%	Lifted	0	16 (6 homes)	398 (203 homes)	4/1	
*NEU Wind Complex (FINAL)	Lobo (Nevada)	5217-FM-CA (October 9, 2017)	17,102							
	La Porte (Butte)	5218-FM-CA (October 9, 2017)								
*Mendocino Lake Complex	Potter Valley (Mendocino)	5219-FM-CA (October 9, 2017)	27 500	000/	Mandatana	800 homes	45	641 (410 homes)	9/1	
	Sulphur (Lake)	5221-FM-CA (October 9, 2017)	37,500	32%	Mandatory	ooo nomes	(21 homes)		8 / 1	

\*Note: Complex fires may contain fires that have not received FMAGs; reduction in acreage is due to more accurate fire perimeters and continued changes to individual fires within the complex; some fires are moving out of one complex and into another

### National Weather Forecast



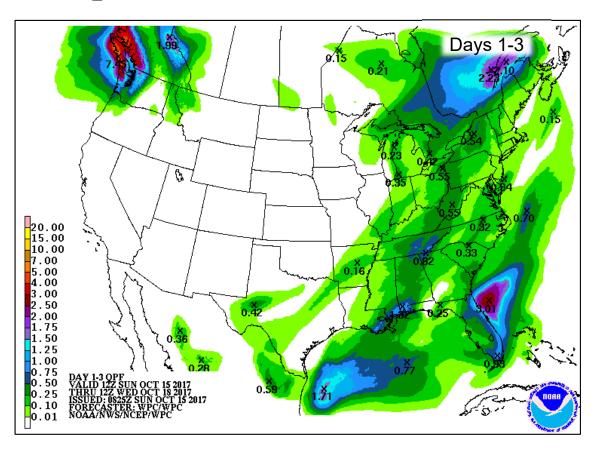


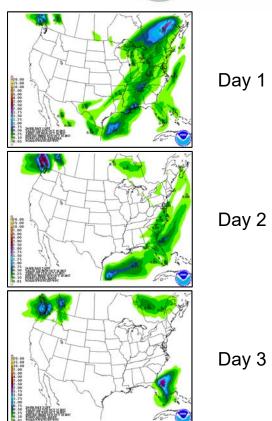


Today Tomorrow

## Precipitation Forecast & Flash Flood Risk







## Disaster Requests & Declarations



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

## **Disaster Amendments**



Amendment	Effective Date	Action		
Amendment No. 3 to FEMA-4344-DR-CA	October 14	Adds IA for four counties already designated for PA		

# Readiness – Deployable Teams and Assets



Resource	Force Strength	Available	Deployed	Other	12% (37		/61), FLDR 199	% (32/169), FM 1	8% (52/291), H	M 20% (192/980),	HR 15% (37/251),		
Total Workfo	rce 11,317	2,081 18%	7,407	1,829	IA 20% (496/2,418), IT 9% (59/624), LOG 13% (159/1,136), NDRS 16% (29/179), OPS 18% (47/253), PL 22% (97/449), SAF 13% (8/60), SEC 2% (2/97)								
National	East 1:	Available		4342-DR-ID VJFO: Both	ell, WA	4323-DR-ND FCO: James R. Stephenson	4319-DR-KS 4321-DR-NE	4317-DR-MO JFO: Jefferson City, Mo		4330-DR-VT 4316-DR-NH	Field Offices 🛨		
IMATs*	East 2:	Deployed	FCO: Sharor		VJFO: Denv	4327-DR-WY VJFO: Denver, CO FCO: Jon Huss	4325-DR-NE 4334-DR-IA	FCO: C. Johnson-Cage	FCO: Janet M. Odeshoo	4329-DR-NH VJFO: Maynard, MA	DRs: 28		
(1 Teams)	West:	Deployed				PCO: Joh Huss	VJFO: Kansas City, MC FCO: Michael R. Scott			FCO: James N. Russo	EMs: 7 Deployed Teams		
Dogional	Assigned:	13			}	A H		_			(Location)		
Regional IMATs	Available: <b>2</b>				f	\		- Company			JFO: Charleston, WV FCO: Steven S. Ward		
(0-3 Teams)	PMC / NMC:	C / NMC: 0			/	10 A A	11克里			To be de la constant	D.C NRCC		
(0-3 Teams)	Deployed:	11	4344-DR		n Roche		20	\\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	M III	J.	MERS: Bothell, Thomasville		
	Assigned:	28	4301-DR 4305-DR	-CA			X III				3386-EM-SC 3389-EM-AL		
US&R	Available:	27	4303-DR 4302-DR 4308-DR	-HVT		337			a all	N AND	JFO: TBD		
(>66%)	PMC / NMC:	1	4312-DR		1		*		) pharty "	<b>Y</b>	FCO: Warren J. Riley 4338-DR-GA		
	Deployed:	0	FCO: Tim	nothy J. Scranton	- 1 J	The state of the s			Art The State of t		JFO: Robins AFB, GA FCO: Thomas J. McCool		
	Assigned:	36	*R-IX IM	AT-1 (CA EOC) Bothell & Denver				es 7			R-IV IMAT-2		
MERS	Available:	11	mens.	bothell & Deliver		1	384				3395-EM-FL 4337-DR-FL		
(<33%)	NMC:	0					V P	在全部的		_	JFO: Orlando, FL 4341-DR-STOF		
	Deployed:	25					人公里		Name of the last o		JFO: Hollywood, FL FCO: Willie G. Nunn		
	Assigned:	38						ALCONOMIC STREET			R-I IMAT (Branch IV)		
FCO	Available:	2						2202	FM.MS		RIV IMAT-1 (Orlando & Miami, FL)		
(≤1 Type I)	PMC / NMC:	2				4332-DR-TX	4277-	JFO: 1	393-EM-MS FO: TBD CO: Manny J. Toro		RIV LNO (STOF EOC) MERS: Denver, Frederick,		
	Deployed:	34				JFO: Austin, TX FCO: Kevin L. Han	3382-	EM-LA			Thomasville		
	Assigned:	14				N-IMAT W (Austin R-VI IMAT-2 (Aust		William J. Doran III	6-DR-PR 9-DR-PR	PR A	4335-DR-USVI 4340-DR-USVI		
FDRC	Available:	1				R-VII IMAT (Houst	ton) LA Re	covery Office	: San Juan, PR D: Michael F. Byrne	USV	FCO: William L. Vogel		
(1)	PMC / NMC:	1				MERS: Bothell, De		ger: M. Womack	MAT E2, R-III IMAT LNO (EOC)		R-X IMAT (St. Thomas) R-II IMAT/LNO (St. Croix)		
	Deployed:	12	As of 3:00 a.m. EDT Oc	tober 15, 2017					RS: Bothell, Denton, derick, Maynard, Denver		MERS: Bothell, Maynard, Denton, Denver		

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

### FEMA Readiness – Activation Teams



Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Not Activated				
NRCC		2	Activated	Gold	Level I Enhanced Watch	Day shift 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.