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**

Monday, October 16, 2017 8:30 a.m. EDT

## Significant Activity – Oct 15-16

# FEMA

#### **Significant Events:**

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

#### **Tropical Activity:**

- Atlantic Post-Disturbance 1 (Medium 40%)
- Eastern Pacific Disturbance 1 (Medium 50%); Disturbance 2 (Low 10%)
- Central Pacific No tropical cyclones expected next 5 days
- Western Pacific Tropical Storm Lan (25W)

#### **Significant Weather:**

- Critical/elevated fire weather conditions WY, CO, & NE
- Red Flag Warnings WY
- Space Weather:
  - o Past 24-hours: Minor; geomagnetic storms reaching G1 level occurred
  - o Next 24-hours: None Predicted

Earthquake Activity: No significant activity

**Declaration Activity:** Amendment 4 to FEMA-4344-DR-CA

### Tropical Outlook – Atlantic

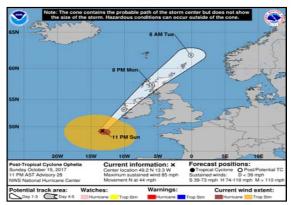
#### Post-Tropical Cyclone Ophelia (FINAL) (Advisory #28 as of 11:00 p.m. EDT)

- Located 220 miles SW of Mizen Head, Ireland; moving N at 44 mph
- · Maximum sustained winds 85 mph
- Forecast hurricane-force post-tropical cyclone as it nears Ireland coast
- Hurricane force winds extend 70 miles; tropical storm force winds extend 275 miles
- · No coastal tropical cyclone watches or warnings in effect

#### Disturbance 1 (as of 8:00 a.m. EDT)

- · Located more than 175 miles NNE of the Turks and Caicos
- Conditions are unfavorable for development during next 48 hours
- Formation chance through 48 hours: Medium (40%)
- Formation chance through 5 days: Medium (40%)







## Tropical Outlook – Eastern Pacific



#### Disturbance 1 (as of 8:00 a.m. EDT)

- Located 850 miles WSW of southern tip of Baja California Peninsula, Mexico
- Environmental conditions appear to be less conducive for further development
- Formation chance through 48 hours: Medium (50%)
- Formation chance through 5 days: Medium (50%)

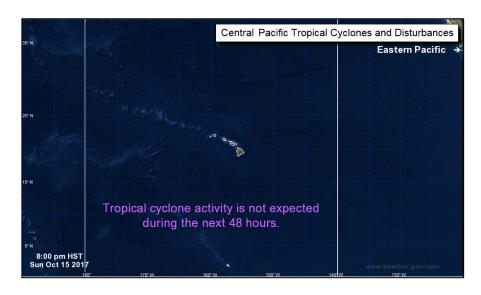
#### Disturbance 2 (as of 8:00 a.m. EDT)

- Located 1,500 miles ESE of the Hawaiian Islands
- Moving WNW at 10-15 mph
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Low (10%)



## Tropical Outlook – Central Pacific







Next 48 hours

Next 5 days

## PR/USVI Update



#### Puerto Rico

- Shelters: 106 (-1) shelters open with 5,141 (-120) occupants
- Disaster Assistance Registrations: 463.4k

#### Power Outages / Restoration

- 15.0% (+0.4%) 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

#### Communications:

 Telecommunications restoration plan for main communication system expected October 13, 2017; restoration plans for the remainder will follow

#### Health & Medical

- 64 Of 67 hospitals open: 41 fully on power grid, 23 on generator
- · Open hospital facilities have some form of communication capability
- USNS Comfort conducting logistics and medical support for Arecibo & Aquadilla

#### **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
- · MERS: teams deployed to both USVI & PR

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

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

#### Power Outages / Restoration

• VIWAPA estimates 90% of territory on grid by late December 2017

#### Communications:

- St. Thomas: Installed repeaters and radio channels for inter-island to provide communications
- · St. John: installed communications 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 offering limited services
- All elements of the 575th Area Support Medical Company operational
- · Governor Juan Luis Hospital and Medical Center partially open

## Common Operating Picture



Weather Hazard/Location	Branch I	Branch II	Branch III	Branch IV
Thunderstorms	Afternoon thunderstorms all Divisions	Afternoon thunderstorms all Divisions	Morning thunderstorms Divisions G and H Afternoon thunderstorms all Divisions	Afternoon thunderstorms all Divisions
Heavy Rains (Flash/Urban Flooding)	Rainfall up to 2" with locally higher amounts may lead to flash flooding, road flooding, and mudslides	Rainfall up to 2" with locally higher amounts may lead to flash flooding, road flooding, and mudslides	Rainfall up to 2" with locally higher amounts may lead to flash flooding, road flooding, and mudslides	Rainfall up to 2" with locally higher amounts may lead to flash flooding, road flooding, and mudslides
River Flooding	Quick rises on rivers, streams and creeks possible near thunderstorms			
Marine	Small Craft Advisory Winds SE 15-20 kt Seas 5 to 8 ft	Small Craft Advisory Winds SE 15-20 kt Seas 5 to 8 ft	Small Craft Advisory Winds SE 15-20 kt Seas 5 to 8 ft	Small Craft Advisory Winds SE 15-20 kt Seas 5 to 8 ft
Air Ops	Ceilings below 2500 feet and visibility below 1 mile in afternoon thunderstorms	Ceilings below 2500 feet and visibility below 1 mile in afternoon thunderstorms	Ceilings below 2500 feet and visibility below 1 mile in thunderstorms	Ceilings below 2500 feet and visibility below 1 mile in afternoon thunderstorms

## High Risk Focus Areas

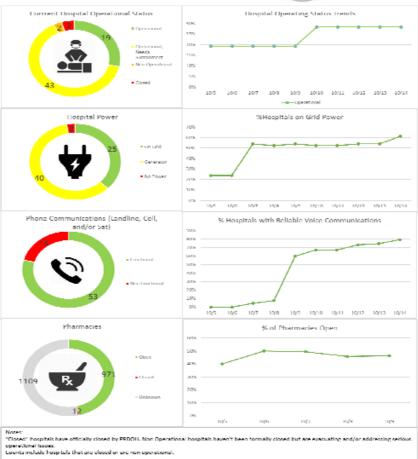
### **Guajataca Dam**

- A **High Risk Dam** before the hurricanes
- Monitoring for potential rain impacts
- 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
- Monitoring for potential rain impacts
- Roadway is damaged and unstable
- Aerial Refueling as a stop-gap
- Expedited contract award underway



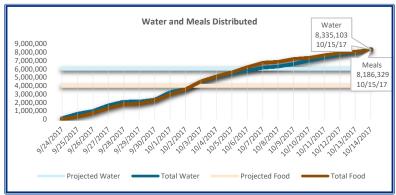


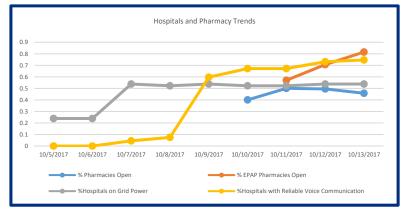
### Dashboard





Temporary Roofing [USACE RFO - SAM]											
Total Roofs Total CPFs	60K 10	Priority: Critical Public Fac Goal: 500 RPD Current: ~70 RPD Rolls O/H: 2000 (5 day supply)									
Roofs Installed CPF Roofs Installed	330 3	300 250 200									
Roofs Assessed CPF Assessed	1612 10	150 100 50									
ROE Centers ROEs	2 3420	o 2016 2011 2018 2018 2012 2012; 2012; 2012; 2012									





### California Wildfires



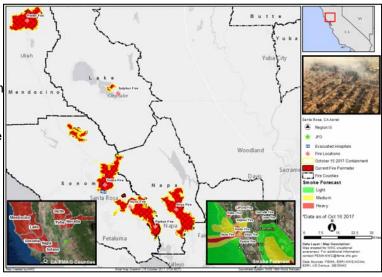
#### Situation

Numerous large wildfires continue to burn across much of northern California, causing continued and significant threat to life, property, and commerce in several counties.

- 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
- Eight cell towers are offline; six of these towers will be offline long-term due to extensive damage

#### Response

- Major Disaster Declaration FEMA-4344-DR-CA (amended) 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
- Public Health Emergency declared by Secretary of HHS
- Governor declared a state of emergency for nine counties
- · CA EOC at Full Activation
- 51 (+1) ARC and independent shelters open with 4,234 (+3) occupants (ESF-6)



## Wildfire Summary

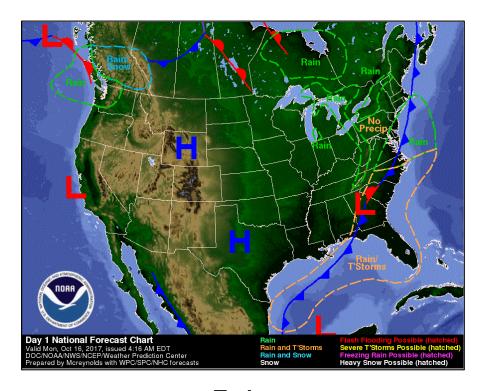


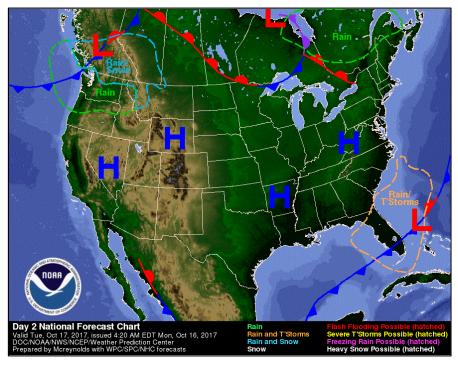
Commissi	Fire Name	FMAG #	Acres	Percent	Evenuetions		Structures		Fatalities	
Complex	(County)	(Approved Date)	Burned	Contained	Contained Evacuations		Damaged Destroyed		/ Injuries	
				California	1					
	Tubbs (Sonoma / Napa)	5215-FM-CA (October 9, 2017)						3,947 (3,298 homes)		
*Central LNU Complex	Nuns (Sonoma) Moved from Southern LNU Complex	5220-FM-CA (October 9, 2017)	106,272 (+11,902)	30% (+5)	Mandatory	24,914 (22,344 homes)	159 (135 homes)		22 / 0	
*Southern LNU	Atlas (Napa / Solano)	5214-FM-CA (October 9, 2017)		65%			69	479		
Complex (FINAL)	Partrick (Napa / Sonoma) Combined with Nuns	5222-FM-CA (October 9, 2017)	51,057	(+9)	Lifted	5,000 homes	(40 homes)	(303 homes)	6/0	
*Mendocino Lake Complex	Potter Valley (Mendocino)	5219-FM-CA (October 9, 2017)	38,007	47%	Mandatory	75 homes	46	681	8 / 1	
	Sulphur (Lake)	5221-FM-CA (October 9, 2017)	(+800)	(+10)	iviandatory	73 Homes	(21 homes)	(433 homes)	0/1	

<sup>\*</sup>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



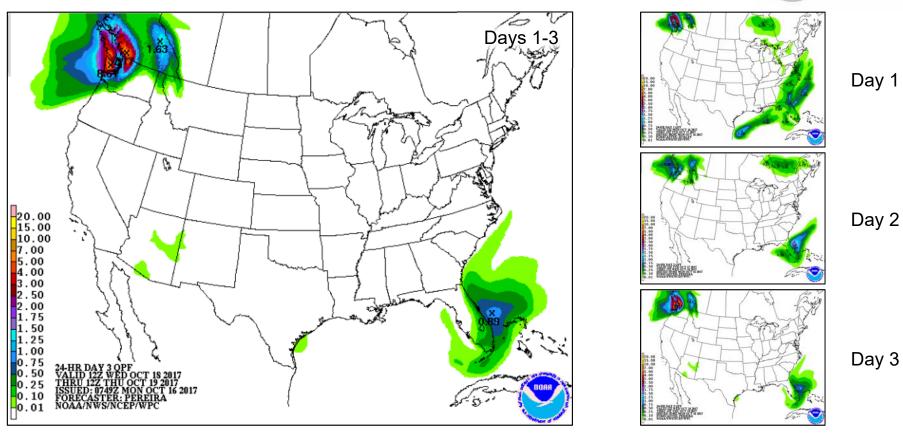




Today Tomorrow

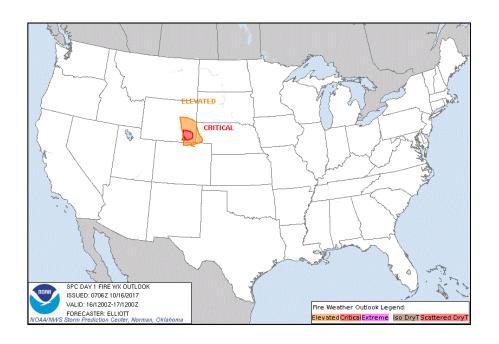
## Precipitation Forecast & Flash Flood Risk

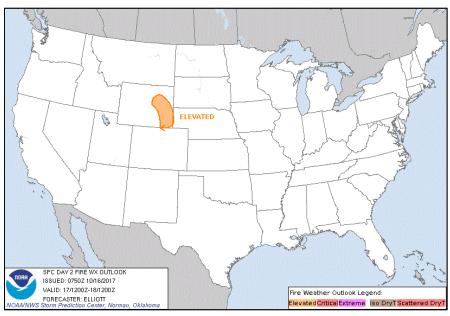




## Fire Weather Outlook







Today Tomorrow

## 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		

## Readiness – Deployable Teams and Assets



Resource	Force Strength	Available	Deployed	Other	10% (11/61)	, FLDR 19% (	(32/169), FM	18% (52/291)	132/840), EA 21% ( , HM 20% (192/980	)), HR 15% (37/25	3), ÎA 18%
Total Workfo	rce 11,321	2,150 18%	7,374	1,797	(455/2,513), (150/440), S	257), PL 24%					
National	East 1:	Available		4342-DR-ID VJFO: Bothel		ames R. Stephenson	4319-DR-KS 4321-DR-NE	4317-DR-MO JFO: Jefferson C		4330-DR-VT 4316-DR-NH	Field Offices *
IMATs*	East 2:	Deployed		FCO: Sharon	VJFO:	DR-WY Denver, CO on Huss	4325-DR-NE 4334-DR-IA VJFO: Kansas City, P	FCO: C. Johnson	FCO: Janet M. Odesho	VJFO: Maynard, MA FCO: James N. Russo	DRs: 28 EMs: 7
(1 Teams)	West:	Deployed			100.5	JII TIUSS	FCO: Michael R. Sco			TCO. James N. Nosso	Deployed Teams
Designal	Assigned:	13			E SALAN	13					(Location) 4331-DR-WV
Regional	Available:	2			~~~						JFO: Charleston, WV FCO: Steven S. Ward
IMATs (0-3 Teams)	PMC / NMC:	0			/ 10	data \	152	THE AN	The same of the sa	A STATE OF THE STA	D.C. – NRCC
(U-S Teams)	Deployed:	11	4344-DR-CA'		Da T	MARIA V	90	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			MERS: Bothell, Thomasville
	Assigned:	28	4301-DR-CA 4305-DR-CA			7727					3386-EM-SC 3389-EM-AL
US&R	Available:	27	4303-DR-CA 4302-DR-HV 4308-DR-CA	π 📙					1 11		JFO: TBD
(>66%)	PMC / NMC:	1	4312-DR-RR	rT 📗			*		, John Janes	37	FCO: Warren J. Riley  4338-DR-GA
	Deployed:	0	FCO: Timoth	y J. Scranton	8	4			war to	3	JFO: Robins AFB, GA FCO: Thomas J. McCool
	Assigned:	36	*R-IX IMAT-1 *R-IX IMAT-1 *MERS: Both	1 (CA EOC)	The state of the s	} =		8.8			R-IV IMAT-2
MERS	Available:	11	WERS. BUIL	ieii & Delivei		<b>E</b>	MIS	- 1			3395-EM-FL 4337-DR-FL
(<33%)	NMC:	0									JFO: Orlando, FL 4341-DR-STOF
	Deployed:	25					KA THE		a land	$\overline{}$	JFO: Hollywood, FL FCO: Willie G. Nunn
	Assigned:	38						A Property of the Party of the	- Jan		R-I IMAT (Branch IV)
FCO	Available:	2							3393-EM-MS		RIV IMAT-1 (Orlando & Miami, FL)
(≤1 Type I)	PMC / NMC:	2				4332-DR-TX	422	77-DR-LA	JFO: TBD FCO: Manny J. Toro	7	RIV LNO (STOF EOC) MERS: Denver, Frederick, Thomasville
	Deployed:	34				JFO: Austin, TX FCO: Kevin L. Hann	338	B2-EM-LA 92-EM-LA		1	
	Assigned:	14				N-IMAT W (Austin) R-VI IMAT-2 (Austin	JFO	D: Baton Rouge, LA D: William J. Doran III	4336-DR-PR 4339-DR-PR	PR	4335-DR-USVI 4340-DR-USVI
FDRC	Available:	1				R-VII IMAT (Housto	on) LA	Recovery Office on Rouge, LA	JFO: San Juan, PR FCO: Michael F. Byrne	US	FCO: William L. Vogel
(1)	PMC / NMC:	1				MERS: Denton	,	nager: M. Womack	N-IMAT E2, R-III IMAT RII LNO (EOC)		R-X IMAT (St. Thomas) R-II IMAT/LNO (St. Croix)
	Deployed:	12	As of 3:00 a.m. EDT Octobe	er 16, 2017					MERS: Bothell, Denton, Frederick, 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: V, X & VI

## Regional Back-up Slide



Criteria	Definition		Ma:	_					FEMA I	Region				
Criteria	Definition	•	Veightin	9	- 1	II	III	IV	V	VI	VII	VIII	IX	Х
All-Hazard Threats	Likelihood of imminent disaster that will exhaust the staffing resources of the region.	Steady State (15)	State Localized Multiple		15	3	9	3	15	15	15	15	3	15
Personnel Capabilities (IMAT, DA Work Force, etc.)	Availability of the extra staff resources.	Multiple Teams (20)	Extra Team (12)	<1 Full Team (4)	4	4	4	4	12	12	4	4	4	4
Number of JFOs Open in Region	Number of open or potential JFOs within the region that require staffing over the next 2 weeks relative to the number of states in the region.	≤ 25% (5)	≤ 50% ≥ (3)	≥ 75% (1)	5	3	5	1	5	3	3	5	5	5
Number of Declared Disasters or Emergencies in the Region	Number of active or potential disasters/emergencies being worked within the region that require staffing over the next 2 weeks relative to the number of states in the region.	≤ 25% (10)	≤ 50% ≥ (6)	≥ 75% (2)	0	2	10	2	10	2	2	6	2	10
Totals						12	28	10	42	32	24	30	14	34

Regions V, X & VI



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.