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**

Tuesday, October 24, 2017

8:30 a.m. EDT

# Significant Activity – Oct 23-24



#### **Significant Events:**

Response and recovery – Tropical Cyclones Harvey, Irma, Maria

#### **Tropical Activity:**

- Atlantic Disturbance 1: Medium (50%)
- Eastern Pacific No tropical cyclones expected next 48 hours
- Central Pacific No tropical cyclones expected next 48 hours
- Western Pacific Tropical Storm 27W

#### Significant Weather:

- Critical and elevated fire weather CA, NV, AZ, CO, NE & KS
- Red Flag Warnings CA, NV, AZ, NE & KS
- Severe thunderstorms possible Mid-Atlantic to Northeast
- Flash flooding possible Northeast
- Space Weather Past 24 hours: none observed; next 24 hours: moderate; geomagnetic storms reaching G2 level likely

Earthquake Activity: No significant activity

**Declaration Activity:** None

### Tropical Outlook – Atlantic



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

- Located over western Caribbean Sea, near Central American coast
- Close proximity to land likely to limit development; however, conditions expected to be conducive for some development thereafter
- Moving slowly N
- Formation chance through 48 hours: Low (10%)
- Formation chance through 5 days: Medium (50%)



## Tropical Outlook – Eastern Pacific





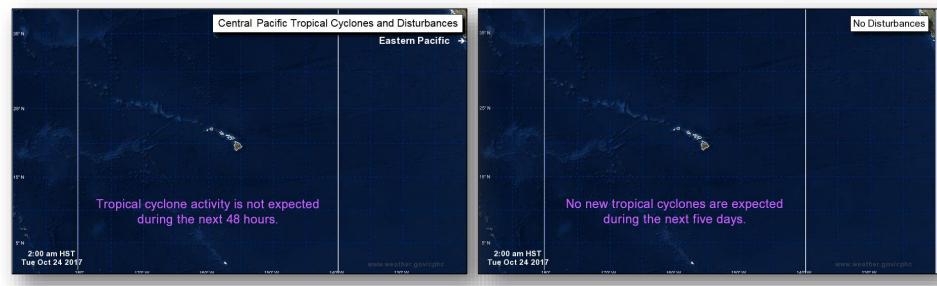


Next 48 hours

Next 5 days

## Tropical Outlook – Central Pacific





Next 48 hours

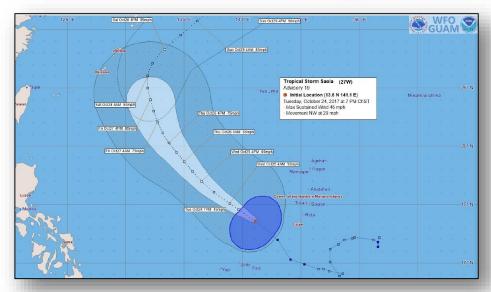
Next 5 days

# Tropical Outlook – Western Pacific



#### Tropical Storm 27W (Advisory #19 as of 5:00 a.m. EDT)

- · Located 245 miles W of Guam
- Moving NW at 29 mph; has passed Guam and heading out into open Philippine Sea
- Maximum sustained winds 45 mph; forecast to intensify, may become typhoon by Thursday
- Tropical storm force winds extend 190 miles
- No watches or warnings in effect



# PR/USVI Update



#### **Puerto Rico**

- Shelters: 88 (-1) shelters open with 3,966 (-129) occupants
- Disaster Assistance Registrations: 871k (+23k)

#### Power Outages / Restoration

- 18% (-3.22) of customers with power restored
- 44.87% (+15.37) of municipalities partially energized or have energized facilities Generator failure reported in Centro Medico; generators to be installed
- PREPA estimating 95% to be restored by December 15

#### Communications:

- 33.9% (+0.5) of cell towers are operational
- 85% of population lives in area where wireless coverage is available

#### Health & Medical

- 65 of 67 hospitals open; 40 on power grid, 24 (+3) on generator power, 1 (-3) open without power
- · 2 Federal Medical Stations operational

#### Water Restoration

- 72% of PRASA customers have potable water; PRASA covers 96% of PR
- 10 of 51 PRASA waste water treatment plants out of service; 25 of 115 PRSA drinking water treatment plans out of service
- · Boil water advisory remains in effect island-wide

#### Guajataca Dam

 Two 18 inch pumps on site operating at full capacity; eight remaining 18 inch pumps arriving October 25

#### U.S. Virgin Islands

- Shelters: 5 shelters open with 279 (-11) occupants
- Disaster Assistance Registrations: 15.6k

#### Power Outages / Restoration

- Customers receiving power from grid: St. Thomas: 29% St. Croix: 1.6%;
   St. John: no grid power, expected to begin restoration later this week
- WAPA estimates 90% to be restored by Thanksgiving

#### **Communications**:

- 44.87% (-3.93) of cell sites are operational
- 88% of population lives in area where wireless coverage is available

#### Health & Medical

- St. Thomas: Schneider Medical Center sustained damage; established mobile medical facility
- St. Croix: Governor Juan Luis Hospital partially open despite damage; Charles Harwood Facility closed

#### Water Restoration

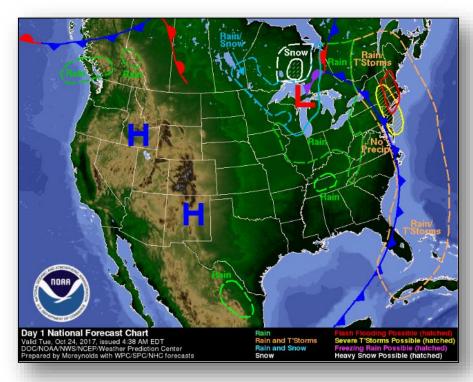
· Boil Water Advisory remains in effect territory-wide

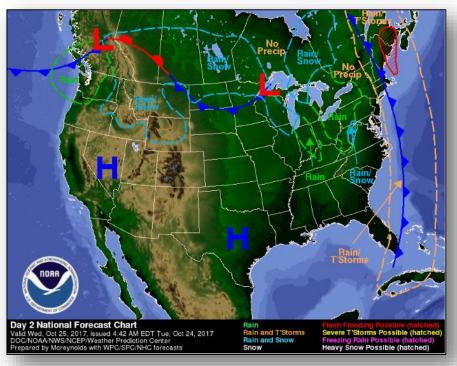
#### **FEMA Response**

- NRCC: Modified Level III (day shift, 8:00 a.m. 6:00 p.m. EDT)
- National IMATs East-1 & Region III IMAT deployed to PR; National IMAT East-2 demobilized from PR
- FEMA Region II & X IMATs deployed to USVI
- MERS teams deployed to both USVI & PR

### National Weather Forecast



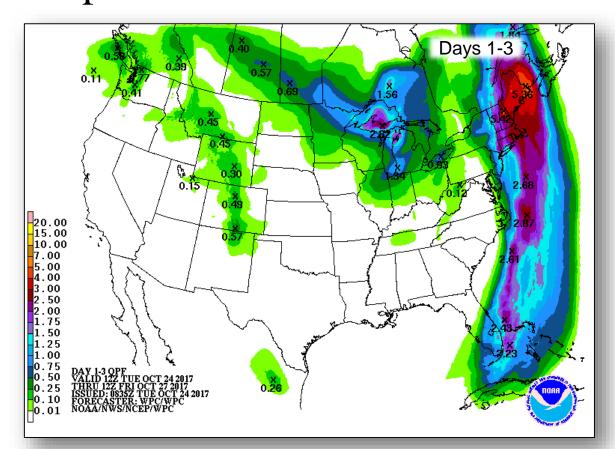


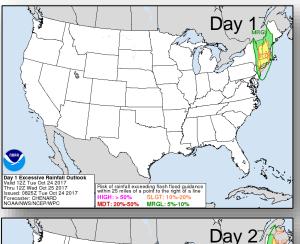


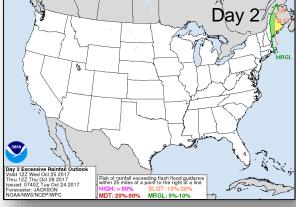
Today Tomorrow

# Precipitation Forecast – Excessive Rainfall



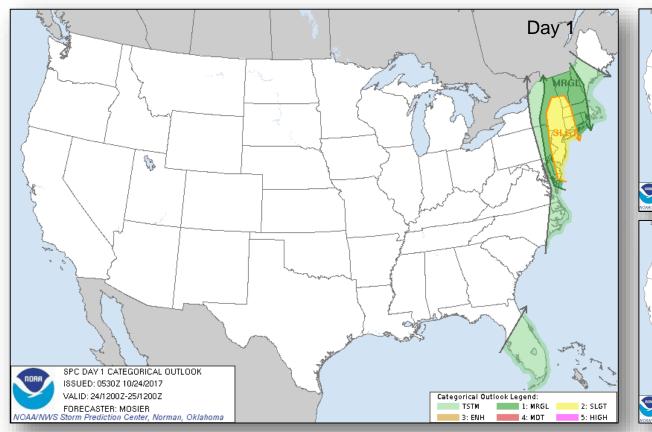


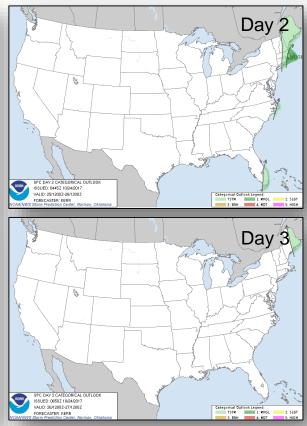




# Severe Weather Outlook – Days 1-3

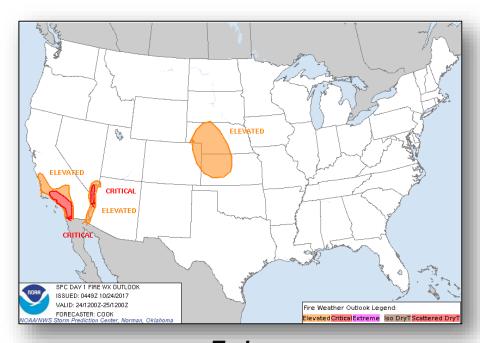


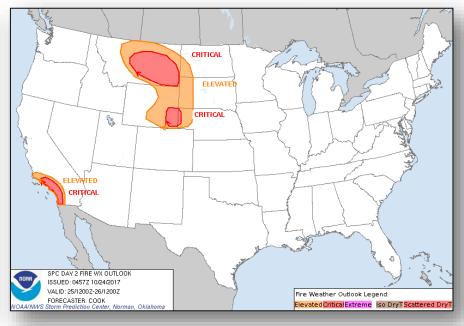




### Fire Weather Outlook



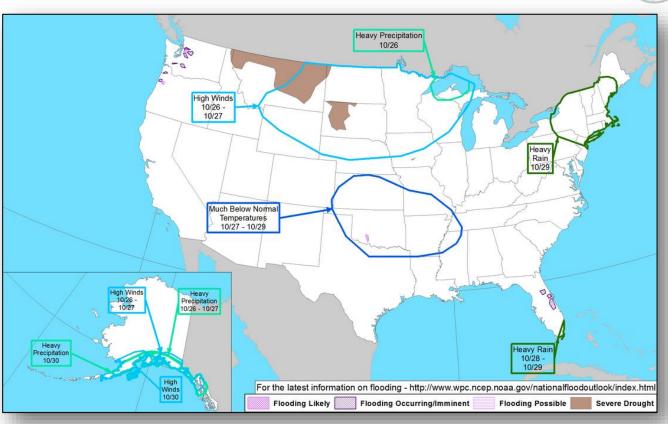




Today Tomorrow

### Hazards Outlook – Oct 26-30



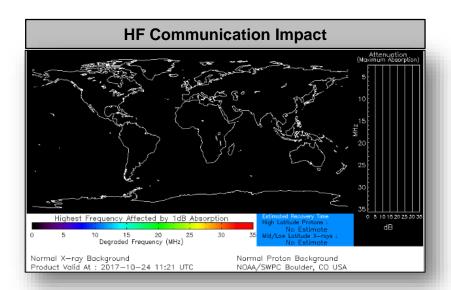


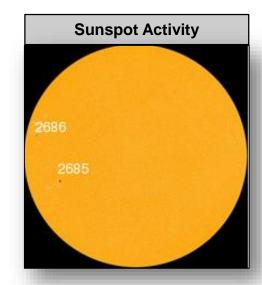
# Space Weather



	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	Moderate	G2	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 APPROVED (since last report)	Requests DENIED (since last report)				
5	IA	РА	НМ	Date Requested	0	0
NY – DR (Expedited) Flooding	Х	Х	Х	July 6, 2017		
ND – DR Severe Storm		Х	Х	August 24, 2017		
KS – DR Severe Storms, Straight-line Winds, and Flooding			Χ	August 31, 2017		
IL – DR Severe Storms and Flooding	Х		Х	August 31, 2017		
NY - DR Severe Storms, Tornadoes, and Flooding	Х	Х	Х	August 31, 2017		

# Readiness – Deployable Teams and Assets



Resource	Force Strength	Available	Deployed Ot	her 9%	dres Less than 25% (6/61), FLDR 20% (	33/169), FM 1	8% (51/293), HÌ	M 21% (203/980),	HR 13% (33/253),	IT 5% (29/628),
Total Workfor	rce 11,251 🛦	1,900 🔻 16%	7,595 🛕 1,	756 (2/9 <sup>-</sup>	3 8% (88/1,161), NE 7)	DRS 19% (32/1	182), Ops 21% (t	54/257), PL 19% (	82/440), SAF 11%	(7/60), SEC 2%
National	East 1:	Deployed		342-DR-ID IFO: Bothell, WA	4323-DR-ND FCO: James R. Stephenson	4319-DR-KS 4321-DR-NE	4317-DR-MO JFO: Jefferson City, M	4343-DR-WI VJFO: Chicago, IL	4330-DR-VT 4316-DR-NH	Field Offices
IMATs*	East 2:	Demobilized	FC	O: Sharon Loper	4327-DR-WY VJFO: Denver, CO	4325-DR-NE 4334-DR-IA	FCO: C. Johnson-Cage	FCO: Janet M. Odeshoo	VJFO: Maynard, MA	DRs: 30
(0 Teams)	West:	Deployed			FCO: Jon Huss	VJFO: Kansas City, MO FCO: Michael R. Scott			FCO: James N. Russo	EMs: 5  Deployed Teams
Danianal	Assigned:	13			A H				M	(Location) 4331-DR-WV
Regional	Available:	1		/						JFO: Charleston, WV FCO: Steven S. Ward
IMATs (0-3 Teams)	PMC / NMC:	1		/	JR STATE A	包建		To the second		D.C. – NRCC
(0-3 reams)	Deployed:	11	4344-DR-CA*					402 -	3	MERS: Bothell, Thomasville
	Assigned:	28	FCO: William Roche 4302-DR-HVT	1		X July 1		1) }		4346-DR-SC 3389-EM-AL
US&R	Available:	27	Closing October 27 4301-DR-CA		VIE V	THE RESERVE				JFO: TBD
(>66%)	PMC / NMC:	1	4305-DR-CA 4308-DR-CA	8		*		1 huse	37	FCO: Warren J. Riley
	Deployed:	0	4312-DR-RRT JFO: Sacramento, C					Some Just	1	4338-DR-GA JFO: Robins AFB, GA
	Assigned:	36	FCO: Timothy J. Sci R-IX IMAT-2 (JFO)		X I		014	Th Company	7	FCO: Thomas J. McCool R-IV IMAT-2
MERS	Available:	19	*R-IX IMAT-1 (CA E *MERS: Bothell, De		. 7	MM	~   <i>f</i>			3395-EM-FL
(>33%)	NMC:	0	<del>\</del>				Way (	12 / Jan		4337-DR-FL JFO: Orlando, FL
	Deployed:	17				10000000000000000000000000000000000000		harman		4341-DR-STOF JFO: Hollywood, FL
	Assigned:	38			2 1	V.	The same of the sa	3		FCO: Willie G. Nunn R-I IMAT (Branch IV)
FCO	Available:	3								R-IV IMAT-1 (Orlando, Miami)
(≤1 Type I)	PMC / NMC:	2					JFC	93-EM-MS D: TBD	5	R-IV LNO (STOF EOC) MERS: Denver, Thomasville
, , , , , , , , , , , , , , , , , , ,	Deployed:	33			4332-DR-TX JFO: Austin, T		45-DR-LA	D: Manny J. Toro		
	Assigned:	14			FCO: Kevin L. I	lannes 33	92-EM-LA	1336-DR-PR 1339-DR-PR	DD .	4335-DR-USVI 4340-DR-USVI
FDRC	Available:	o			R-VI IMAT-1 (F	louston) FC	O: William J. Doran III	FO: San Juan, PR FCO: Michael F. Byrne	USV	JFO: TBD FCO: William L. Vogel
(1)	PMC / NMC:	1			R-VIII IMAT (A MERS: Denton	ustin) Ba	ton Rouge, LA	N-IMAT E1, R-III IMAT R-II LNO (EOC)		R-X IMAT (St. Thomas) R-II IMAT/LNO (St. Croix)
	Deployed:	13	As of 3:00 a.m. EDT October 24,	2017	THE STATE OF THE S	IVIE	Jinger: III. Tromber	MERS: Bothell, Denton, Frederick, Maynard, Denver		MERS: Bothell, Maynard, Denton, Denver

<sup>\*</sup>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



Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Steady State				
NRCC		2	Activated	Blue	Modified Level III	8:00 a.m 6:00 p.m. EDT	Tropical Activity – Atlantic
HLT		1	Activated				Hurricane Season
RWCs/MOCs		10	Steady State				
RRCCs		10	Not Activated				

Back-up Region: V & VII



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.