

Senior Leadership Briefing and Recovery Snapshots

Hurricanes Maria, Irma, and Harvey

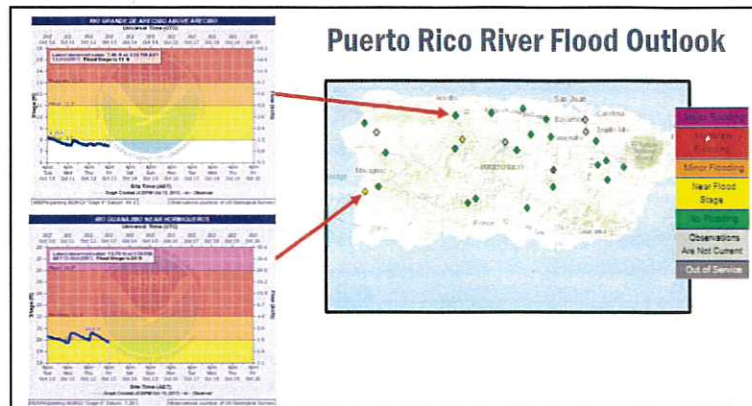
Friday, October 13, 2017 (5:00 p.m. EDT)

Updates in Blue

Current Situation:

Drier air will flow east and northeast through Puerto Rico and the U.S. Virgin Islands over the next 48 hours. A few scattered showers and thunderstorms capable of heavy rainfall, cloud to ground lightning, and flash flooding are expected, especially in the afternoon hours.

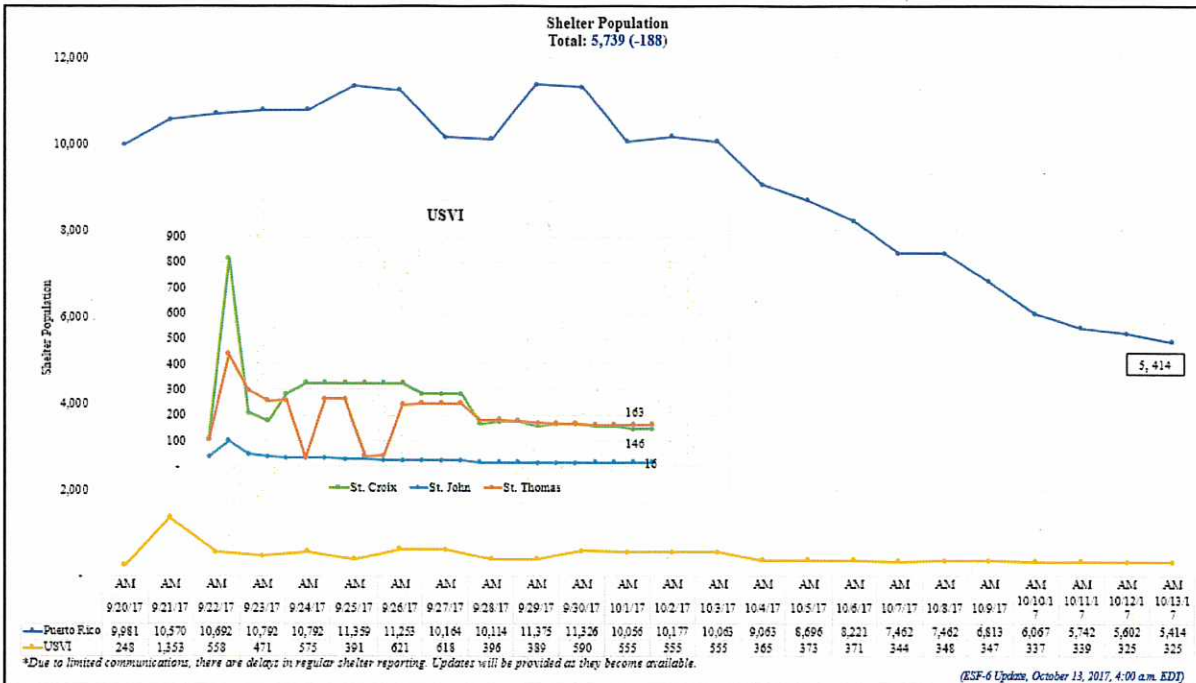
A Flash Flood Warning remains in effect for areas near the Guajataca Dam and flood advisories have been issued for southwest Puerto Rico. Rainfall amounts greater than two inches are expected in some small mountainous areas in southwest Puerto Rico; lighter, more isolated rainfall is expected in most areas. River and small stream flooding, mudslides, and rock falls are still possible, as soils are already saturated and loose, and many rivers and small streams are running at above normal levels. Heavy rain is expected in Puerto Rico and the U.S. Virgin Islands late Sunday into early Tuesday. (NOAA Update, October 13, 2017, 5:00 p.m. EDT)



Impact Summary:

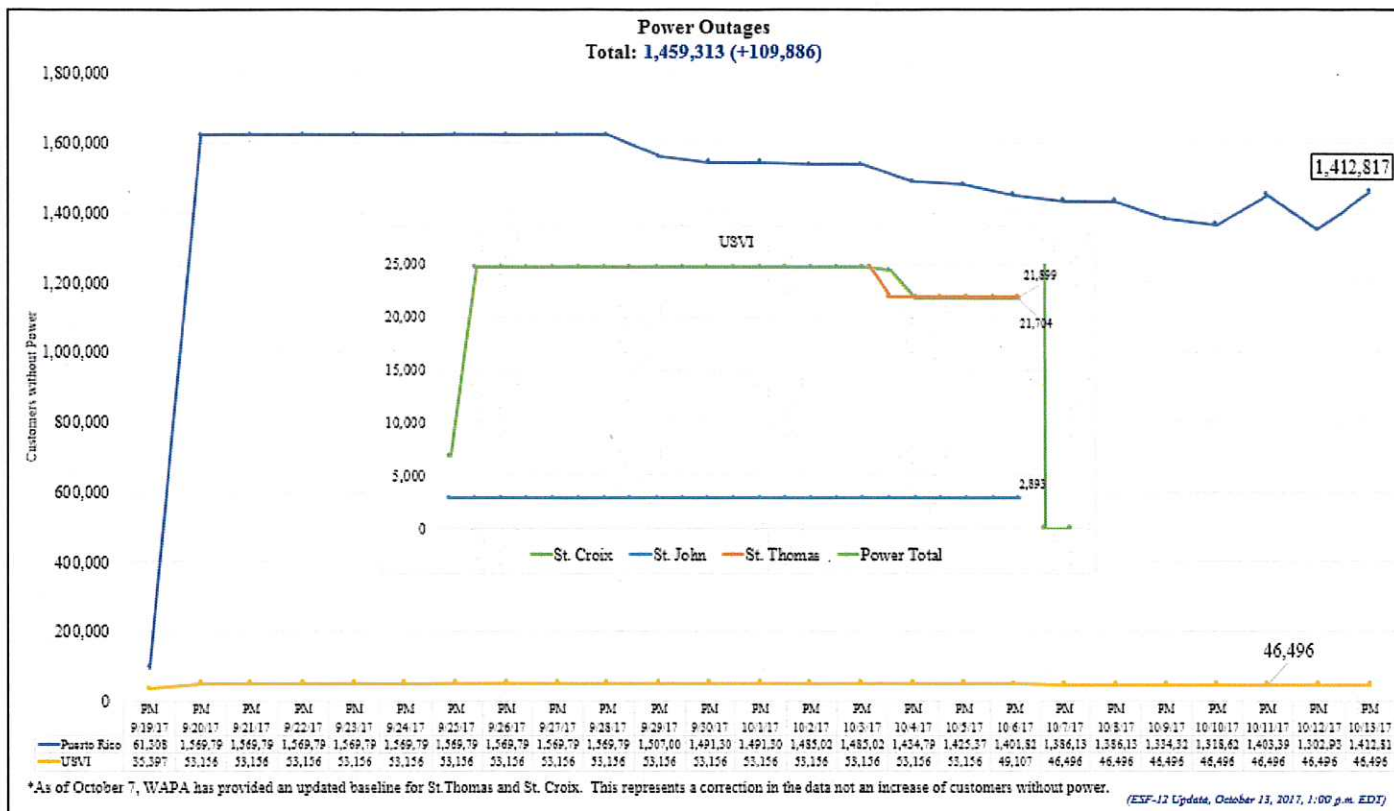
Population Impacts						
Territory	Confirmed Fatalities	Shelters / Population*	Customer Power Outages	Hospitals	Curfews	Other
PR	43 confirmed fatalities	Shelters: 108 Population: 5,414 (-188)	PREPA estimating 75% of PR to be restored by late December At least 9% (-8)* of customers have had power restored	64 (-1) of 67 open: Main island: 62 (-1) of 65; one closed October 13 after air conditioning unit failed Culebra: One of one Vieques: One of one 36 hospitals on power grid; 28 on generator power VA facilities: One hospital and all eight clinics open	Curfew in effect from 12:00 a.m. to 5:00 a.m.	37 (+1) of 68 Federal Government buildings closed (GSA owned/leased) Tren Urbano transit system remains closed 916 ATMs operational in PR
USVI	No confirmed fatalities	USVI Shelters: 5 Population: 325 St. Thomas: Shelters: 2 Population: 163 St. John: Shelters: 1 Population: 16 St. Croix: Shelters: 2 Population: 146	90% of USVI to be restored by late December Percentage of customers that have electricity: St. Thomas 14.4% receiving power from grid St. Croix 12% receiving power from grid St. John: No grid power	St. Croix: Governor Juan Luis Hospital partially open despite damage, Charles Harwood closed; 33 HHS Health and Medical Task Force and mental health personnel providing interim support St. Thomas: Schneider Medical Center sustained damage; established mobile medical facility VA facilities: Two clinics, both open	Curfew in place from 7:00 p.m. to 5:00 a.m. in St. Thomas, St. John, and Water Island St. Croix curfew in place from 7:00 p.m. to 8:00 a.m.	Schools: St. Thomas: Four additional schools will reopen October 16 St. Croix: Six schools will reopen October 23 10 of 19 Federal buildings closed (GSA owned/leased)
As of:	October 12 9:30 p.m. EDT	October 13 8:35 a.m. EDT	October 13 12:00 p.m. EDT	October 13 1:50 p.m. EDT	October 13 9:00 a.m. EDT	October 13 1:48 p.m. EDT

(ESF-6, ESF-8, ESF-12, ESF-15, GSA, PREMA, VA OHA, USVI/PR JFO SitRep, VISA)
* Drop in power due to San Juan Power Plant tripping offline October 12 and issues at Palo Seco Power Plant; San Juan Plant expected to be restored October 13; customer outage numbers may fluctuate due to grid instability during restoration efforts



Infrastructure Impacts						
Territory	Air	Ports	Roads	Fuel/Gas	Water	Communications
PR	10 of 10 airports open	Six ports open Seven ports open with restrictions	154 of 2,270 bridges reported damaged, 17 of which are closed, remaining 2,116 unreported	872 of approximately 1,100 retail gas stations operational	Boil Water Advisory island-wide; 63% (-1) of PRASA clients have potable water; PRASA covers 96% of PR PRASA has assessed 80% of approximately 800 PRASA pump stations; 387 overflowed due to lack of power/generator failure 17 (-5) of 51 PRASA wastewater treatment plants out of service, 33 (+4) operating on alternate power, one on primary power	24.1% (+0.2) of cell towers operational; 74% (+10) of population lives in area where wireless coverage is available for voice and text messages Main Public Safety Answer Point (PSAP) in PR fully operational; secondary is operational but on generator power
USVI	St. Thomas: Open St. Croix: Open	Six ports open Three ports open with restrictions	St. Thomas: 95% of roadways are passable; no full closures on any major roadways St. Croix: Most highways open with caution Traffic signals out on St. Thomas and St. Croix	St. Croix and St. Thomas reports adequate fuel supply on island for power generation and response efforts, including gasoline, diesel, and propane	Boil Water Advisory remains territory-wide St. Croix: 177 public water systems assessed; of these, 47 tested positive for E.coli, 32 are in the process of remediation; additional 181 systems to be tested and 69 systems are offline	43.8% (-0.8)* cell sites are operational in USVI; PSAPs restored St. Thomas: 48.5% cell sites operational (55 towers on island) St. John: No cell sites operational St. Croix: 45.7% (-2.1) cell sites operational (42 towers on island)
As of:	October 13 1:08 p.m. EDT	October 13 1:08 p.m. EDT	October 13 1:08 p.m. EDT	October 13 12:00 p.m. EDT	October 13 1:52 p.m. EDT	October 13 3:30 p.m. EDT

(ESF-1, ESF-2, ESF-10, ESF-12, PRASA, EPA SitRep, USCG, USVI JFO Report, NOAA)
*Cell site outage numbers may fluctuate due to grid instability during restoration efforts



Force Laydown:

Department/Agency	Puerto Rico	US Virgin Islands			Totals
	St. Croix	St. John	St. Thomas		
American Red Cross (ESF-6)	385	211	***	***	596
Army Corps of Engineers (ESF-3)	244	111	4	88	447
Customs and Border Protection (ESFs 5, 9, and 13)	165	*	*	*	165
Department of Agriculture (ESF-11)	1	0	0	0	1
Department of Defense Title 10	8,174	**	**	**	8,174
Department of Energy (ESF-12)	3	2	0	27	32
Department of the Interior	66	2	12	0	80
Department of State	9	0	0	0	9
Department of Transportation (ESF-1)	8	9	0	41	58
DHS – NPPD / Federal Protective Service	57	5	0	5	67
Environmental Protection Agency (ESF-10)	90	23	0	34	147
Federal Law Enforcement (ESF-13)	291	5	0	0	296
FEMA Deployed	1,326	353	18	65	1,762
Forest Service (ESF-4)	52	19	0	0	71
General Services Administration (ESF-7)	20	2	0	0	22
Health and Human Services (ESF-8)	486	20	***	***	506
Immigration and Customs Enforcement	178	0	0	0	178
National Guard Bureau	4,267	1,238	***	***	5,505
National Weather Service - NOAA	26	0	0	0	26
Small Business Administration (ESF-6)	18	12	0	0	30
Transportation Security Administration (ESF-1)	102	0	0	8	110
United States Coast Guard (ESFs 1, 5, 7, 9, 10, 13, and 15)	1,692	***	***	***	1,692
Veterans Affairs (ESF-8)	127	0	0	0	127
TOTALS	17,787	2,012	34	268	20,101

*CAP and CBP supporting PR and USVI

(Situational Awareness Info Analysis, October 13, 2017, 3:00 p.m. EDT)

**DOD supporting PR and USVI, personnel numbers include 4,818 personnel supporting from sea

***Red Cross, HHS, NGB, and USCG numbers in St. Croix column is for all of USVI since breakout by island is unavailable

Declaration Activity:

Territory	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
PR	9/20: DR-4339	78 municipalities	All (Categories A-B)	100% for debris removal and emergency protective measures for 180 days from declaration date
USVI	9/20: DR-4340	St. Croix, St. John, St. Thomas	All (Categories A-G)	100% for debris removal and emergency protective measures for 180 days from incident period; 90% cost share thereafter

(FEMA Declarations Unit, October 11, 2017, 4:00 p.m. EDT)

FEMA Headquarters:

- National Response Coordination Center (NRCC) at Level I (Full Activation) day shift and Enhanced Watch night shift (FEMA Operations Center, October 12, 2017, 8:30 a.m. EDT)
- Survivor Sheltering and Responder Berthing Crisis Action Planning teams remain active (NRCC Update, October 12, 2017, 4:30 p.m. EDT)
- National Incident Management Assistance Team (IMAT) East-2 at JFO in San Juan Convention Center, PR
- Region X IMAT members in St. Thomas and St. Croix; Region III IMAT in PR (USVI Storyboard, October 10, 2017, 11:00 a.m. EDT)
- Mutual Aid**

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	PR	91 (+6)	30 (+4)
II	USVI	42 (+1)	18

(EMAC Sit Rep #100, October 13, 2017, 2:00 p.m. EDT)

FEMA Region II:

- FEMA Region II IMAT in St. Croix (FOD Update, October 13, 2017, 2:00 p.m. EDT)
- Puerto Rico:**
 - Emergency Operations Center (EOC) at Full Activation and on generator power (RII Update, October 13, 2017, 12:43 p.m. EDT)
 - Joint Field Office (JFO) operational in San Juan Convention Center; initiated search for new long-term facility (GSA Update, October 13, 2017, 9:15 a.m. EDT)
 - Federal Coordinating Officer (FCO) is Michael Byrne (Joint Incident Action Plan #22, October 13, 2017, 7:00 a.m. EDT)
- U.S. Virgin Islands:**
 - St. Thomas, St. Croix, and St. John EOCs all at Full Activation; St. John and St. Croix remain on generator power; Mobile Emergency Response Support (MERS) supporting communications (USVI Planning Section, October 13, 2017, 1:28 p.m. EDT)
 - Finalizing lease for St. Croix JFO (USVI Planning Section Update, October 13, 2017, 9:51 a.m. EDT)
 - FCO is William Vogel (Joint Incident Action Plan #22, October 13, 2017, 7:00 a.m. EDT)

Interagency Coordination for Puerto Rico:

- ESF-1: Transportation**
 - Roads/Bridges Status:
 - PR DTOP processed purchase orders for installing temporary steel bridges
 - 45 of 1,100 (4.1%) state roads and bridges closed
 - Roads cleared: PR-111 Utuado, PR-123 Utuado, PR-152 Barranquitas, and PR-2 Manati (ESF-1 Update, October 13, 2017, 1:08 p.m. EDT)
 - Ports: U.S. Coast Guard (USCG) Aid to Navigation Team in PR working on last remaining critical aids to navigation, plans to service Bahia De Ponce Range Light and Guayanilla Range Light October 13 (USCG Update, October 13, 2017, 11:59 a.m. EDT)
 - Transportation Authority Ferries: Isla Bonita resumed ferry service October 12 with route from Vieques to Fajardo; four round-trips per day effective October 13 (ESF-1 Update, October 13, 2017, 1:08 p.m. EDT)
- ESF-2: Communications**
 - Carriers activated roaming agreements across island, making it easier for citizens to access networks
 - 74% of population lives in areas where cell service available, less than a quarter of capacity of pre-storm network
 - Fueling mission for carriers complete; carriers confirm they have contracted out fueling needs; no longer require Federal assistance (ESF-2 Update, October 13, 2017, 1:37 p.m. EDT)

- Commercial telecommunications carrier plan for restoration of backbone (main communication system) in PR is on track to be completed October 13, will then complete plans for remainder of network
- MERS assets: 71 satellite radio units delivered, will connect 911 to fire and EMS (*ESF-2 Update, October 12, 2017, 2:06 p.m. EDT*)
- **ESF-3: Public Works and Engineering**
 - Guajataca Dam:
 - Eight of 10 pumps arrived October 13; pumps will help reduce water buildup behind dam and pump aqueduct
 - Super sandbag placement temporarily suspended to allow contractor armoring/reinforcing of 54-inch conduit (channel) plunge pool area to prevent further erosion; super sandbag placement will resume October 14 (*ESF-3 Update, October 13, 2017, 9:09 a.m. EDT*)
 - 54-inch conduit opened October 13 (daytime operations only) (*ESF-3 Update, October 13, 2017, 9:09 a.m. EDT*)
 - Power Grid Repair:
 - 16.6% of PR power grid energized October 12; 11 substations re-energized
 - Contracted for 50 MW generator for Palo Seco Power Plant; equipment expected to arrive October 13 or 14, will begin power generation October 25; will restore power to majority of San Juan; two additional contracts scheduled to be awarded October 13 (*ESF-3 Update, October 13, 2017, 9:12 a.m. EDT*)
 - Temporary Power:
 - Completed 289 (+23) of 423 requested pre-installation inspections
 - Generators: 318 installations requested; 81 (+8) installed; 29 installations in progress; 138 available on hand; 365 en route (*ESF-10 Update, October 12, 2017, 7:00 p.m. EDT*)
 - DLA leased 31 generators, expected to arrive in PR by October 15 (*DoD Update, October 13, 2017, 1:45 p.m. EDT*)
 - Infrastructure Assessments (IA) and Critical Public Facilities (CPF): IA Subject Matter Experts (SMEs) assessing 350 schools in next 14 days; received list of 100 schools from the PR Department of Education (*ESF-3 Update, October 13, 2017, 8:40 a.m. EDT*)
 - Temporary Roofing:
 - Collected 2,411 (+262) Right of Entry (ROE) agreements, assessed 913 (+145) homes, installed 171 (+68) blue roofs
 - ROE collection and roof installation underway in San Juan, Loiza, Caguas, Vega Alta, and Arecibo
 - Planning to expand operations into seven municipalities and ROE center in Humacao (*ESF-3 Update, October 13, 2017, 8:40 a.m. EDT*)
 - Debris Removal Missions:
 - FEMA approved debris removal mission for 22 municipalities; mobilization process underway for approved municipalities
 - 100 cubic yards of debris removed in Toa Baja October 12; vehicle certifications ongoing (62 trucks certified) (*ESF-3 Update, October 13, 2017, 8:28 a.m. EDT*)
- **ESF-4: Firefighting**: Nothing significant to report
- **ESF-5: Information and Planning**
 - Geospatial damage assessments for Puerto Rico in progress; assessments complete for 40% of island, identified 37,484 (+4,215) structures impacted by wind: 2,587 (+288) destroyed, 34,897 (+3,927) visibly damaged; expect to complete remaining assessments by October 20 (*GIS Update, October 13, 2017, 9:37 a.m. EDT*)
- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**
 - Sheltering: Team Adam, which provides rapid, on-site assistance in serious missing children cases, reported shortfalls in four shelters they visited related to generator concerns, diesel fuel, and water shortages; PR Department of Housing working generator shortfall issue (PR DOH is PR lead on shelters) (*ESF-6 Update, October 13, 2017, 2:15 p.m. EDT*)
 - Essential Supplies:
 - PR Assistant Secretary for Environmental Health and Health Communication Support team supported distribution of water treatment tablets (*ESF-8 S-1 Brief, October 12, 2017, 4:30 p.m. EDT*)
 - American Red Cross (ARC) shipping 2,500 hand crank cell phone chargers, expected to arrive October 19 (*ESF-6 Update, October 13, 2017, 2:15 p.m. EDT*)
 - Feeding:
 - Feeding Task Force, PR DOH, and PR Department of Education (PR DOE) coordinating delivery of food and water to shelters and other locations as identified by municipalities

- ARC served 782 meals and 80 snacks October 12; has distributed 461,276 meals, 72,877 snacks, and 484,517 bulk items to date *(ESF-6 Update, October 13, 2017, 2:15 p.m. EDT)*

- **ESF-7: Logistics Management and Resource Support**

- Standard commodities expected to arrive October 12:
 - Meals: Unspecified number of meals arriving in Aguadilla
 - Water: 555K liters water arriving in PR
- Seven vehicles and 107 generators arriving in San Juan October 13 *(Commodity Movements, October 13, 2017 9:47 a.m. EDT)*
- 12 cylinders (ISOs) of oxygen left on vessel en route to PR on October 11; estimated to arrive October 14 *(Commodity Movements, October 13, 2017 9:47 a.m. EDT)*
- Responder Lodging:

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
PR Convention Center	Operational	PR: San Juan	Arrived	800	400	400
TS Kennedy	Operational	PR: San Juan	Arrived	633	267	366
TS Empire State	Operational	PR: San Juan	Arrived	668	367	301
La Suprema	Operational	PR: San Juan	Arrived	1,200	320	880
Available (Total)		PR		3,301	1,354	1,947
JMC 3330	Secured	PR	21-Oct	430		
Roosevelt Roads Base Camp (LOG CAP)	In Process	Ceiba	21-Oct	500		
Aguadilla Base Camp (LOG CAP)	In Process	Aguadilla	16-Oct	500		
			TOTAL:	4,931		

(Responder Lodging Team, October 13, 2017, 11:30 a.m. EDT)

- Berthing barge JMC 3330, with 460 bed capacity, inspected by USCG on October 9; noted minor deficiencies that will be corrected prior to departure; barge scheduled to arrive in Ponce, PR October 21 but may be diverted to another port based on hotel availability in PR *(Responder Lodging Team, October 13, 2017, 1:49 p.m.)*

- **ESF-8: Public Health and Medical Services**

- Hospitals:
 - USNS Comfort conducting logistics and medical support operations in Arecibo and Aguadilla *(DoD Update, Oct. 13, 2017, 1:45 p.m. EDT)*
 - 14th Combat Surgical Hospital at initial operating capability; will be fully operationally capable October 15, pending air-delivery of medical supplies *(DoD Update, Oct. 13, 2017, 1:45 p.m. EDT)*
 - Advance elements of the 633rd Expeditionary Medical Support Team will arrive October 13, equipment to arrive beginning October 14; Team will include two Ground Surgical Teams *(DoD Update, Oct. 13, 2017, 1:45 p.m. EDT)*
 - Seventeen DoD and National Guard teams arrived at PR hospitals October 11 to support communications capabilities, remaining six teams to arrive pending transportation *(DoD Update, Oct. 13, 2017, 1:45 p.m. EDT)*
- 246th Quartermaster Company and 1st Mission Support Command supporting mortuary affairs operations at local hospitals and medical examiners *(DoD Update, Oct. 13, 2017, 1:45 p.m. EDT)*
- Interagency oxygen taskforce continues to assess situation and facilitate oxygen shipments and other solutions; Linde plant restored to grid power and expected to be at full production October 18 *(ESF-8 Update, October 12, 2017, 1:50 p.m. EDT)*

- **ESF-9: Search and Rescue:** Nothing significant to report

- **ESF-10: Oil and Hazardous Material Response:**

- La Plata Dam re-energized, supplying additional drinking water to 140,000 clients in Bayamon, Toa Baja, and Toa Alta
- 30% of PR Aqueduct and Sewer Authority (PRASA) drinking water treatment plants out of service *(ESF-10 Update, October 13, 2017, 2:00 p.m. EDT)*

- **ESF-11: Agriculture and Natural Resources:** Nothing significant to report

- **ESF-12: Energy**
 - San Juan Power Plant and Palo Seco Power Plant tripped offline October 12, causing PR power restoration to drop from 17% to 9%; San Juan Plant expected to be restored October 13, evaluating estimated restoration time for Palo Seco; 50 megawatt generator expected to be installed at Palo Seco by October 25
 - Vessel British Captain arrived October 12 in Port of Yabucoa with estimated 300,000 barrels (12.6 million gallons) of fuel; Vessel Evie PG expected in Port of San Juan October 14 with estimated 60,000 barrels (2.5 million gallons) of fuel (*DOE Sit Rep #82, October 13, 2017, 12:00 p.m. EDT*)
- **ESF-13: Public Safety and Security:** Nothing significant to report
- **ESF-15: External Affairs:** Nothing significant to report
- **National Guard Bureau (NGB)**
 - Continuing distribution at 68 Points of Distribution (PODS); reporting greater efficiency in distributing commodities to rural and outlying areas (*NGB Update, October 13, 2017, 1:50 p.m. EDT*)
- **U.S. Coast Guard (USCG):**
 - USCG Port Security Unit (PSU) visited San German, PR to determine survivor needs and road accessibility; PSU also provided security/humanitarian escorts to several remote locations
 - USCG using air and ground transportation to provide supplies to remote areas affected by impassable roads
 - One rotary wing aircraft conducted humanitarian flight delivering 400 pounds of food and water
 - Four ground transports delivered over 500 pounds of food, water and pre-staged hygiene bags
 - USCG cutter Hernandez delivered one pallet of MREs and six pallets of water to Vieques and will conduct patrol in vicinity of eastern PR and USVI (*USCG Update, October 13, 2017, 11:44 a.m. EDT*)
- **U.S. Customs and Border Protection (CBP)**
 - CBP H-60s helicopters completed damage assessment overflights for Guajataca Dam and Aguas Beanas (*USCG Update, October 13, 2017, 11:44 a.m. EDT*)
 - Completed 245 missions with 1,517 total flight hours to date, providing commodity and first responder transport
 - Completed total of 1,630 welfare checks to date (*CBP Update, October 13, 2017, 10:39 a.m. EDT*)
- **U.S. Department of Defense (DoD)**
 - Advance elements of 24th Marine Expeditionary Unit (MEU) arrived October 11 to relieve 26th MEU; 24th MEU expected to fully assume mission October 16 and 26th MEU will complete redeployment by October 17
 - Twelve strategic aircraft delivered water pumps, a signal company, bed-down sets, military police, sustainment brigade elements, and additional CH-47s
 - Five aircraft will deliver water pumps, medical equipment, passengers and cargo October 13
 - 3rd Expeditionary Sustainment Command continues to develop strategic sustainment hub in Ponce to support PR National Guard commodity distribution (*DoD Update, October 13, 2017, 1:45 p.m. EDT*)
- **U.S. Department of the Interior (DOI):** Nothing significant to report
- **FEMA International Affairs (FIAA)**
 - Government of Canada flight with donation of 33,000 meals-ready-to-eat (MREs) arrived in PR October 12; DoD will transport MREs to Humacao Arena October 13 for distribution to survivors (*FIAA Update, October 12, 2017, 7:50 p.m. EDT*)
 - Government of Mexico will purchase 120 pallets of locally sourced water October 14 to support relief efforts (*FIAA Update, October 13, 2017, 1:19 p.m. EDT*)

Interagency Coordination for U.S. Virgin Islands:

- **ESF-1: Transportation**
 - Ports: USCG Aid to Navigation Team in PR working on last remaining critical aids to navigation, plans to service Christiansted Harbor Channel Light 9 and Charlotte Amalie Range Light in St. Croix week of October 16 (*USCG Update, October 13, 2017, 11:59 a.m. EDT*)
- **ESF-2: Communications**
 - Major carriers opened free roaming across islands; wifi hotspots installed over the weekend have reached additional 5,000 people

- Coordinated with Federal and local officials to deliver 20 HughesNet satellite terminals to St. Croix, estimated time of arrival October 18 (*ESF-2 Update, October 12, 2017, 2:06 p.m. EDT*)
- **ESF-3: Public Works and Engineering**
 - Temporary Power:
 - Completed 195 (+11) of 232 requested pre-installation inspections
 - Generators: 150 installations requested; 65 (+10) installed; 16 installations in progress; 44 available on hand; 51 en route (*ESF-3 Update, October 12, 2017, 7:00 p.m. EDT*)
 - USVI Governor requested prioritization of generator installation at schools before they reopen; all school generator installations complete in St. Thomas; installations will be complete in St. John (one school) and St. Croix (six schools) by October 16; 34 generators arrived in St. Croix and five generators arrived in St. Thomas October 12 (*ESF-3 Update, October 13, 2017, 8:48 a.m. EDT*)
 - Infrastructure Assessments (IA) and Critical Public Facilities (CPF):
 - Infrastructure Assessment SMEs completed 126 of 146 structural site assessments
 - Seven CPF Mission Assignment Task Orders (MATOs) signed October 12 for two hospitals, three clinics, and two fire stations; teams researching temporary facility options (*ESF-3 Update, October 13, 2017, 9:09 a.m. EDT*)
 - Temporary Roofing:
 - USACE estimating 13,000 roofs across territory based on modeling; USACE collected 3,497 (+359) ROE Agreements and issued 1,596 (+348) work orders; 439 (+30) Blue Roof installations completed to date (*ESF-3 Update, October 13, 2017, 8:40 a.m. EDT*)
 - Blue Roofs at Critical Public Facilities:
 - Completed installation at St. Thomas Airport
 - St. Croix: Installation at Governor Juan San Luis Hospital expected to be completed by October 14
 - Peel and seal materials needed to complete priority installations on St. Croix (Juan Luis Hospital) and St. John (Central High School); coordinating with FEMA for movement of material to St. Croix (*ESF-3 Update, October 13, 2017, 8:40 a.m. EDT*)
 - Debris Removal Missions:
 - Contractor removing debris on St. Thomas and St. John; USACE providing quality assurance (QA) oversight for debris operations on St. Croix
 - Providing QA training to Virgin Islands Department of Public Works (VIDPW) personnel
 - Regional Field Office (RFO) coordinating with USCG and FEMA on marine debris (*ESF-3 Update, October 13, 2017, 8:28 a.m. EDT*)
- **ESF-4: Firefighting:** Nothing significant to report
- **ESF-5: Information and Planning:** Nothing significant to report
- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**
 - Feeding:
 - American Red Cross (ARC) served 1,367 meals and 270 snacks October 12; has distributed 58,639 meals, 14,005 snacks, and 80,107 bulk items to date
 - Loaded 1,000 camp stoves and 2,000 propane cylinders into containers in DC Atlanta; will transport to Port Everglades, FL for shipping to St. Thomas and St. Croix October 17; the items will be divided up evenly between the islands (*ESF-6 Update, October 13, 2017, 2:15 p.m. EDT*)
- **ESF-7: Logistics Management and Resource Support**
 - OFA commodities: Initial shipment of GSA vehicles scheduled to arrive in St. Thomas October 12, additional shipments to continue through October 16 (*RSS Meeting, October 12, 2017, 10:00 a.m. EDT*)

○ Responder Lodging:

Name/Vessel	Status	Destination/Port	Arrival Date	Beds Capacity	Beds Occupied	Beds Open
Grand Celebration	Operational	USVI: St. Croix	Arrived	1,500	1,254	246
SS Wright	Operational	USVI: St. Thomas	Arrived	230	192	38
Ocean Constructor	Operational	USVI: St. Thomas	Arrived	186	163	23
Ocean Carrier	Operational	USVI: St. Thomas	Arrived	111	42	69
Available (Total)		USVI		2,027	1,651	376
Fascination (Carnival)	In process	USVI: St. Croix	15-Oct	2,000		
		TOTAL:		4,027		

(Responder Lodging Team, October 13, 2017, 11:30 a.m. EDT)

• **ESF-8: Public Health and Medical Services**

- Medical Detachment (MED DET) from PA arriving in St. Thomas evening of October 13 to replace VT MED DET (NGB Update, October 13, 2017, 12:51 p.m. EDT)
- 575th Area Support Medical Company (ASMC) receiving urgent care walk-ins in St. Croix and expects to be fully operational by October 15 (DoD Update, October 13, 2017, 1:45 p.m. EDT)

• **ESF-9: Search and Rescue:** Nothing significant to report

• **ESF-10: Oil and Hazardous Material Response**

- Target date to begin collection of household hazardous waste October 18, coinciding with arrival of necessary supplies
- Environmental Protection Agency (EPA) completed assessments of potable drinking water supplies at schools prioritized for reopening by USVI Department of Education on St. Thomas and St. John (ESF-10 Update, October 13, 2017, 2:00 p.m. EDT)
- EPA tested 177 public water systems in St. Croix; 32 of 47 systems that tested positive for E. Coli in remediation process
- Shoreline assessments:
 - St. Thomas: 100% of shoreline assessment complete, on-water assessments continue
 - St. John: 40% of shoreline assessment complete
 - St. Croix: 66 of 88 NOAA pre-designated vessels assessed; once pre-designated vessel assessments complete, shoreline assessment will commence (ESF-10 Update, October 13, 2017, 2:00 p.m. EDT)

• **ESF-11: Agriculture and Natural Resources:** Nothing significant to report

• **ESF-12: Energy**

- St. Thomas:
 - Northeast Public Power Association (NPPA) crews (40 personnel) will arrive October 13, followed by 29 (NPPA) trucks expected to arrive by October 16 to support power restoration efforts
 - Efforts to energize Savan and Contant pump stations continue; restoration of these facilities will provide potable water service to Savan, Contant, and surrounding areas (DOE Sit Rep #82, October 13, 2017, 12:00 p.m. EDT)

• **ESF-13: Public Safety and Security:** Nothing significant to report

• **ESF-15: External Affairs:** Nothing significant to report

• **National Guard Bureau (NGB):**

- Military police supporting local law enforcement through presence patrols and traffic control (NGB Update, October 13, 2017, 1:50 p.m. EDT)

• **U.S. Coast Guard (USCG):** Nothing significant to report

• **U.S. Customs and Border Protection (CBP):** Nothing significant to report

• **U.S. Department of Defense (DoD):** Nothing significant to report

• **U.S. Department of the Interior (DOI):** Nothing significant to report

• **FEMA International Affairs (FIAA):** Nothing significant to report

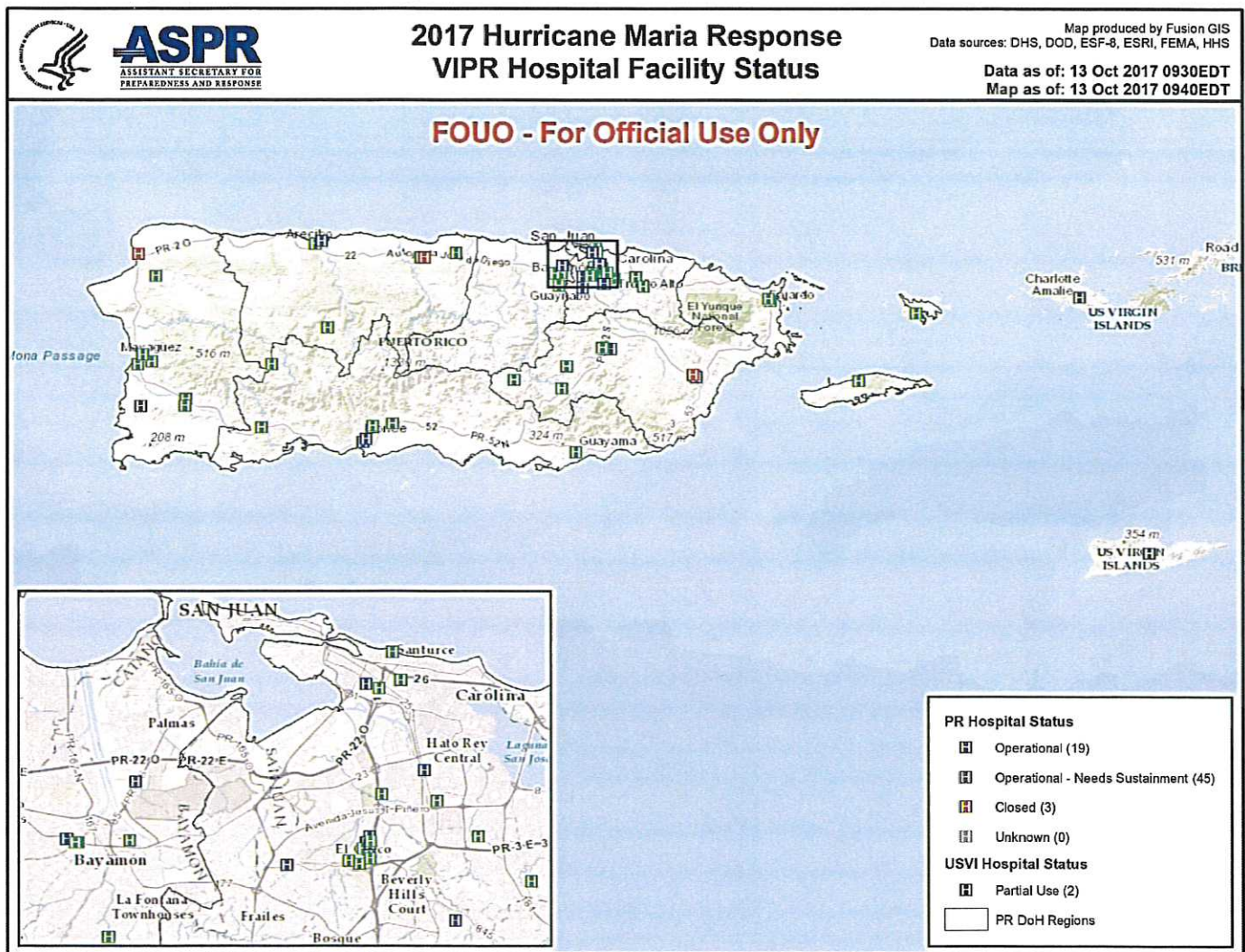
Commodities Tables

- The following commodities have arrived in USVI and PR:

	Total Quantity Arrived*			
	PR	St. Croix	St. Thomas	St. John
Generator	298	27	57	0
Meal	12,826,136	992,531	3,376,871	20,160
Sheeting	5,060	0	23,220	0
Tarp	22,762	26,534	71,283	0
Water (liters)	11,512,886	1,208,919	1,437,786	40,500

*Values only represent initial movements into the islands. Transfers from within the islands are excluded.

(ESF-7 Update, October 13, 2017 7:00 a.m. EDT)





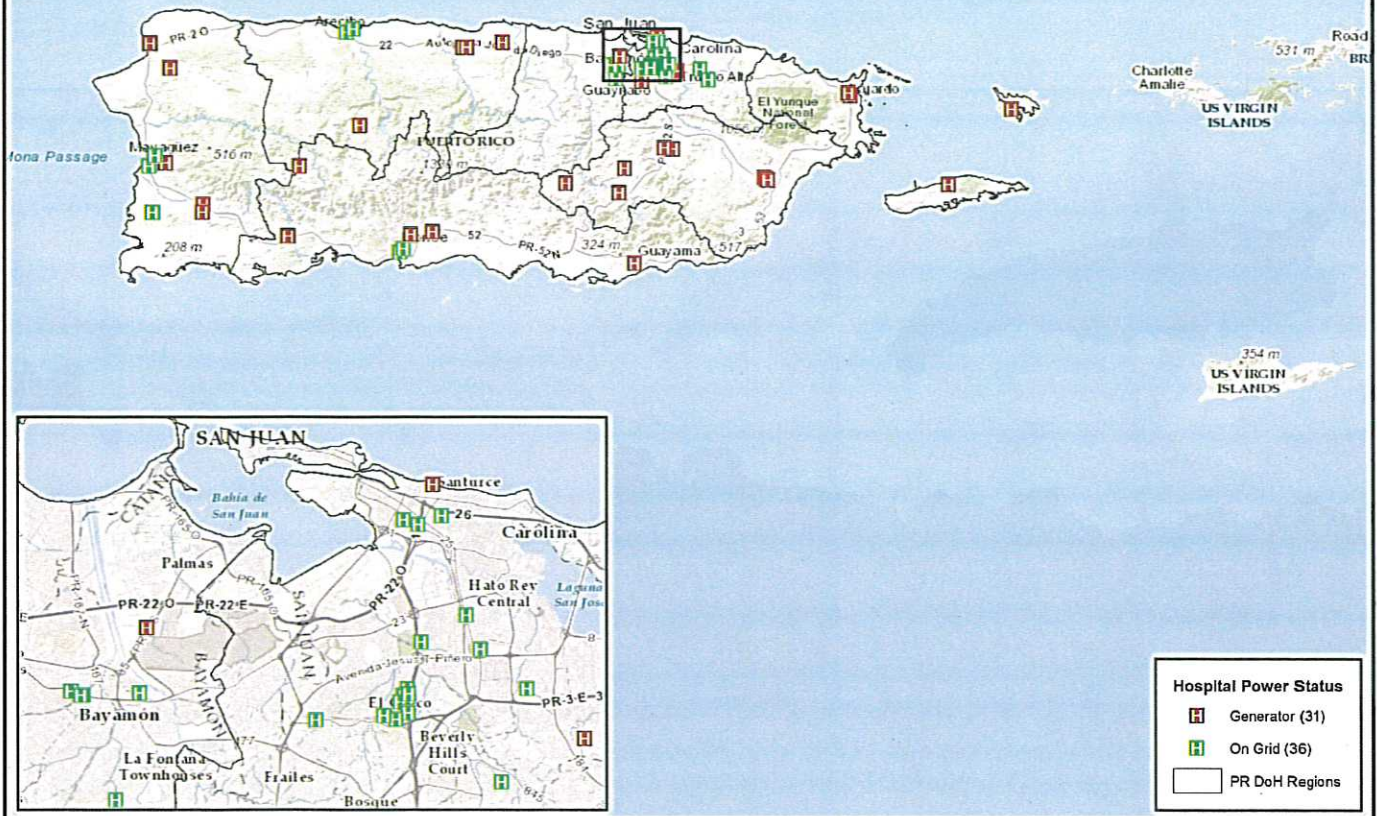
ASPR
ASSISTANT SECRETARY FOR
PREPAREDNESS AND RESPONSE

2017 Hurricane Maria Response PR Hospital Power Status

Map produced by Fusion GIS
Data sources: DHS, DOD, ESF-8, ESRI, FEMA, HHS

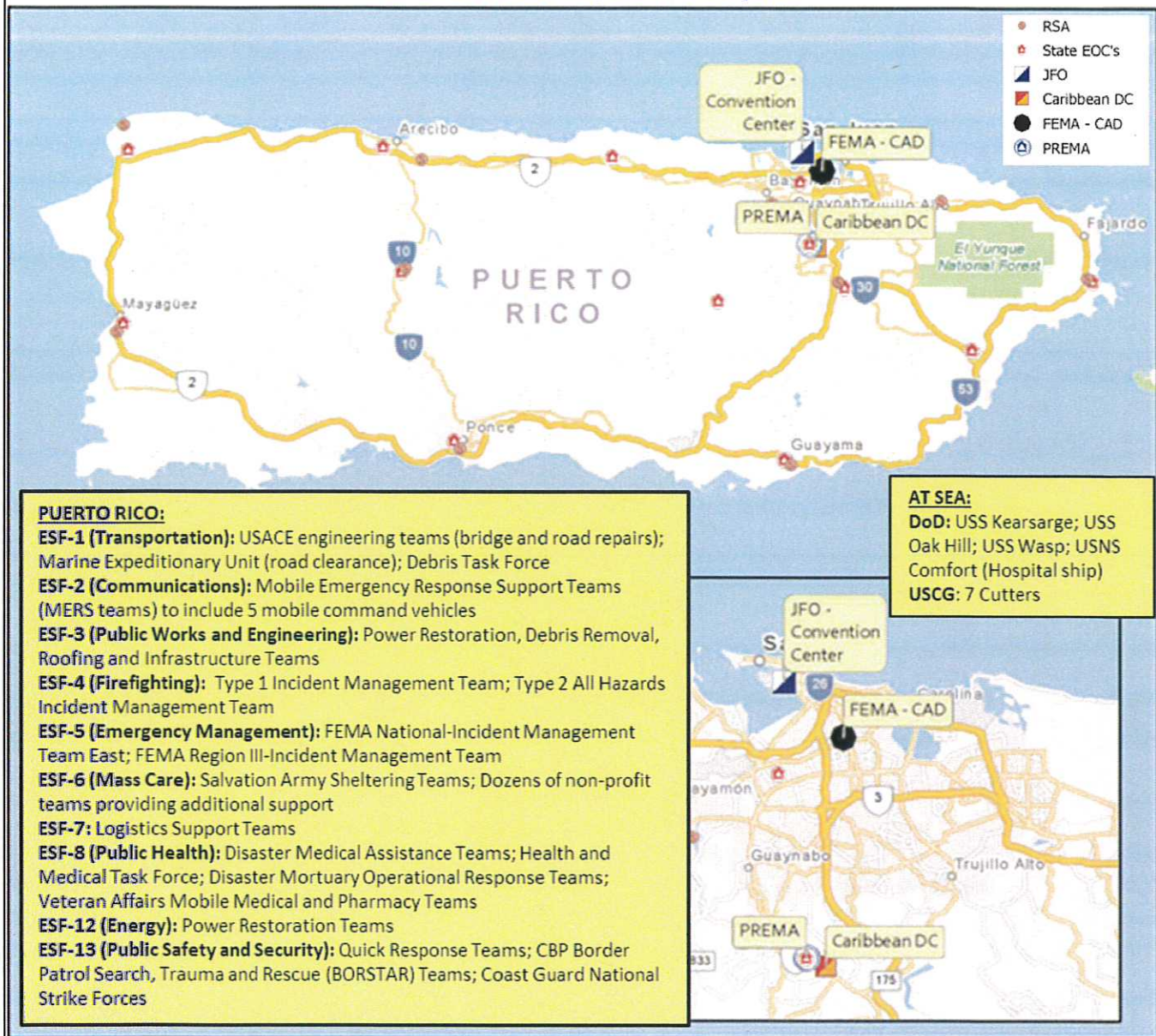
Data as of: 13 Oct 2017 0930EDT
Map as of: 13 Oct 2017 0948EDT

FOUO - For Official Use Only



Maria Force Laydown: Puerto Rico

As of October 13, 2017 3:00 p.m.



(Situational Awareness Info Analysis, October 13, 2017 3:00 p.m. EDT)

Maria Force Laydown: USVI

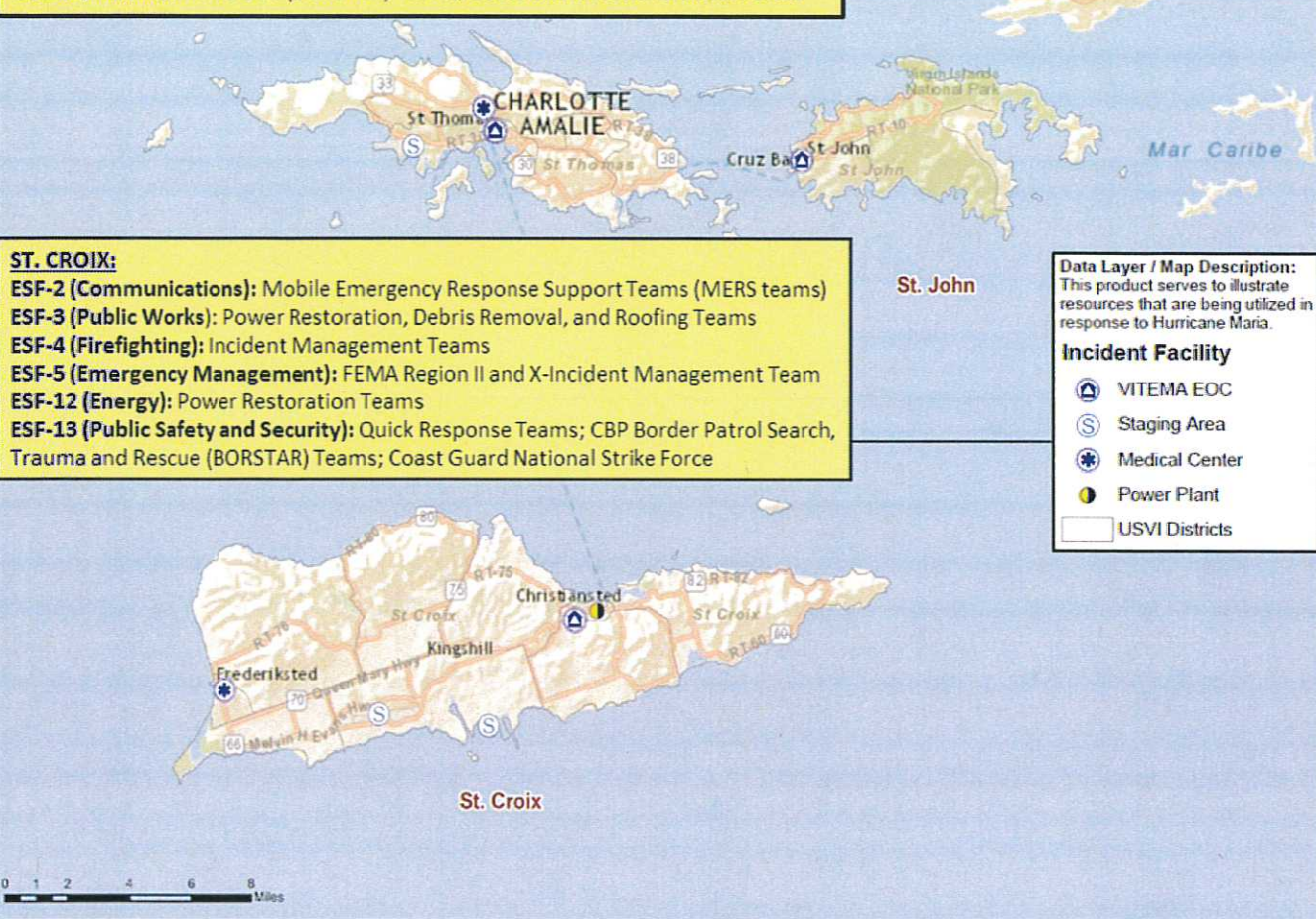
As of October 13, 2017 3:00 p.m.

ST. THOMAS:

ESF-2 (Communications): Mobile Emergency Response Support Teams
ESF-3 (Public Works): Power Restoration, Debris Removal, and Roofing Teams
ESF-5 (Emergency Management): FEMA Region X-Incident Management Team
ESF-12 (Energy): Power Restoration Teams
ESF-13 (Public Safety and Security): Quick Response Teams; CBP Border Patrol Search, Trauma and Rescue (BORSTAR) Teams; Coast Guard National Strike Forces

ST. JOHN:

ESF-2 (Communications): Mobile Emergency Response Support Teams
ESF-3 (Public Works): Power Restoration and Roofing Teams
ESF-8 (Public Health): Public Health Teams



(Situational Awareness Info Analysis, October 13, 2017 3:00 p.m. EDT)

Hurricane Irma/Nate – FEMA Responder Laydown (As of October 13, 2017 2:00 p.m. EDT)

