Senior Leadership Briefing

Hurricane Maria and Post-Tropical Cyclones Irma and Harvey

Tuesday, September 19, 2017 (5:00 a.m. EDT)

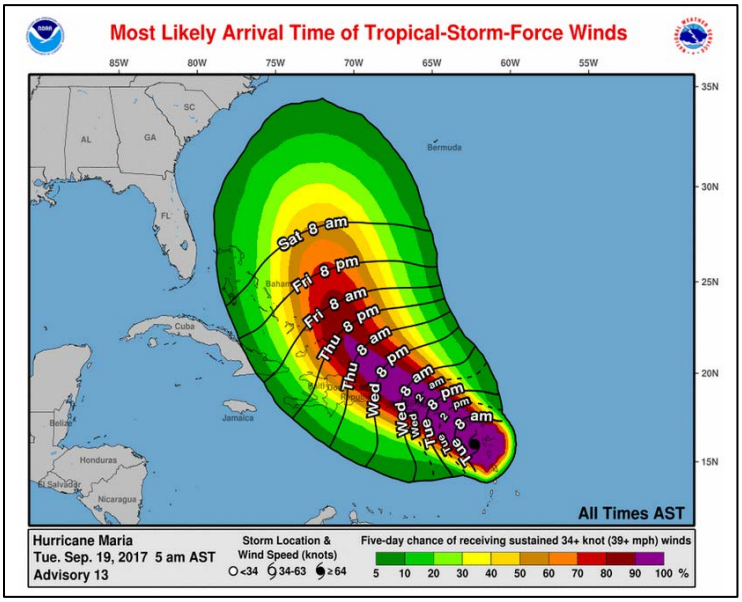
Updates in Blue

Current Situation:

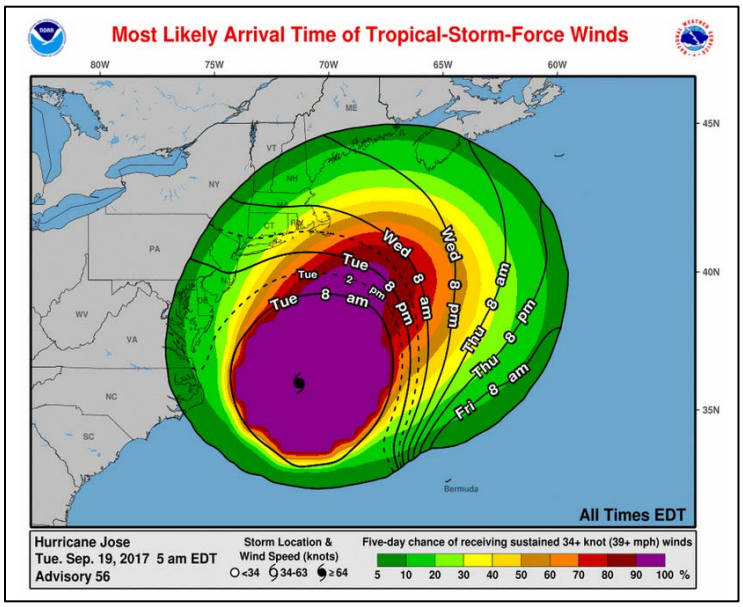
Hurricane Maria: As of 5:00 a.m. EDT, Hurricane Maria was located 205 miles southeast of St. Croix with maximum sustained winds of 160 mph and a minimum central pressure of 930 mb. Hurricane-force winds extend outward up to 30 miles (45 km) from the center and tropical-storm-force winds extend outward up to 125 miles (205 km). Ham radio reports indicate significant damage to structures has occurred in Dominica. Maria is moving toward the west-northwest near 9 mph, On the forecast track, the eye of Maria will move over the northeastern Caribbean Sea on Tuesday and approach the Virgin Islands and Puerto Rico Tuesday night and Wednesday. Some fluctuations in intensity are likely during the next day or two, but Maria is forecast to remain an extremely dangerous hurricane while it approaches the Virgin Islands and Puerto Rico. Hurricane Warning is in effect for the U.S. Virgin Islands; a Hurricane Watch for Puerto Rico. Maria is expected to produce total rain accumulations of 12 to 18 inches with isolated maximum amounts of 25 inches across Puerto Rico and the U.S. Virgin Islands through Wednesday night. These rainfall amounts could cause life-threatening flash floods and mudslides. Storm surge for Puerto Rico (including San Juan) could be greater than 6 feet above ground. Additional showers and thunderstorms are anticipated behind Maria into next weekend leading to additional flooding and mudslide issues.

Hurricane Jose: As of 5:00 a.m. EDT, Hurricane Jose was located 240 miles east-northeast of Cape Hatteras, North Carolina with maximum sustained winds of 75 mph and a minimum central pressure of 977 mb. Jose is moving toward the north near 9 mph. A turn toward the north-northeast is expected tonight. On the forecast track, the center of Jose is forecast to pass well offshore of the Delmarva Peninsula today, and pass well to the east of the New Jersey coast on Wednesday. Jose is forecast to remain a Hurricane through today. There will be a new moon on Wednesday, so tidal departures will be higher. Average times of high tides range from 8pm-830pm on Tuesday evening and then again Wed morning 830am to 9am from Virginia to Massachusetts. *(NOAA Update, September 19, 2017, 5:00 a.m. EDT)*

Hurricane Maria:



Hurricane Jose:



7025331

Senior Leadership Briefing

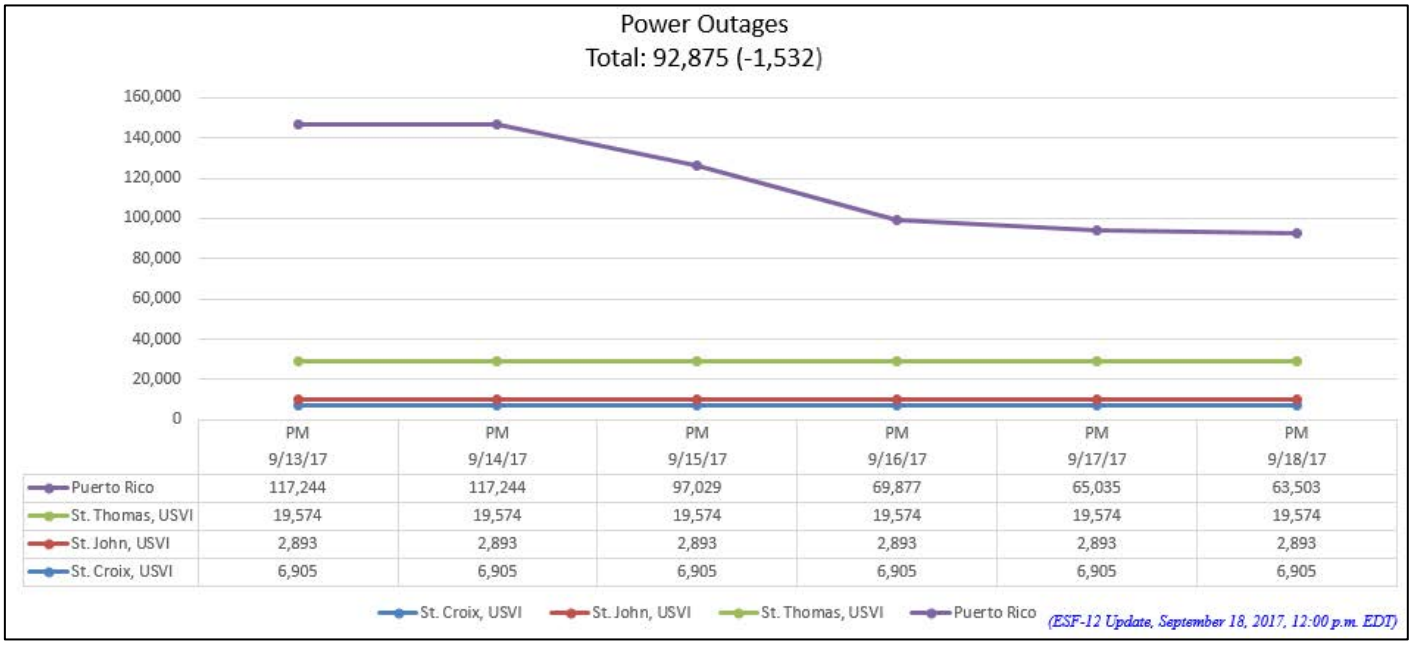
Tuesday, September 19, 2017 (5:00 a.m. EDT)

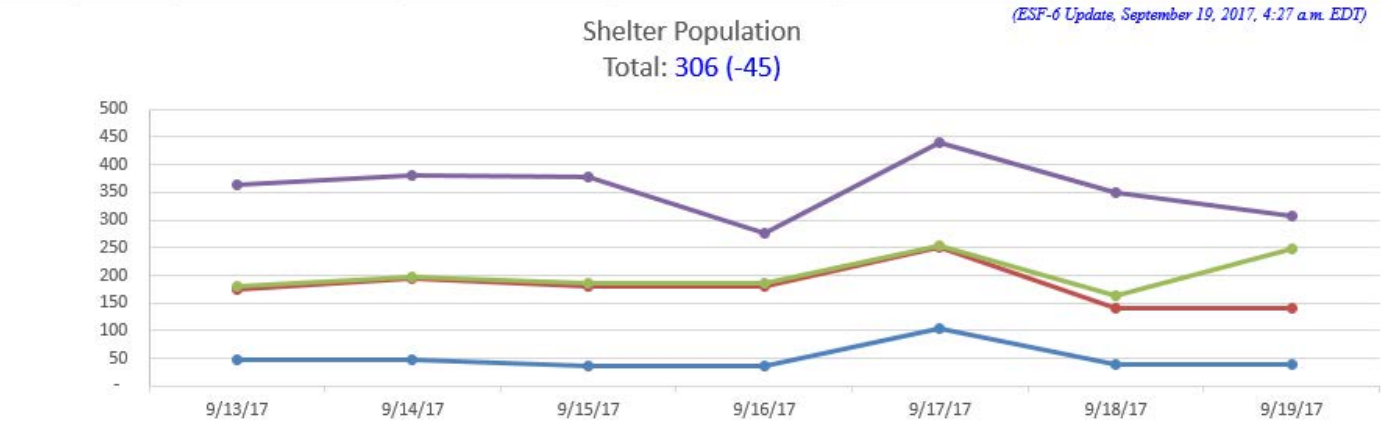
Updates in Blue

Impact Summary:

Population Impacts						
Territory	**Confirmed Fatalities**	**Shelters / Population**	**Customer Power Outages**	**Hospitals**	**Evacuations**	**Other**
USVI	5	Shelters: 6 (+2) Pop: 248 (+86)	St. Thomas: 19,574 St. John: 2,893 St. Croix: 6,905	Hospitals: 1 closed Dialysis centers: 1 closed	No orders	Territory wide curfew will go into effect September 19; Public schools remain closed
PR	3	Shelters: 2 (-1) Pop: 58 (-131)	63,503 (-1,550)	Hospitals: All open Dialysis centers: All open; 1 on generator	Mandatory evacuation for four municipalities	38 Schools (2%) remain closed due to lack of power, water, etc.
As of:	*September 17 11:00 a.m.*	*September 19 4:00 a.m.*	*September 18 12:50 p.m.*	*September 18 11:19 p.m.*	*September 18 5:00 p.m.*	*September 18 5:00 p.m.*

(HHS-APR Report, ESF-6, ESF-8, ESF-12, RII, RIV, AEMEAD)





	9/13/17	9/14/17	9/15/17	9/16/17	9/17/17	9/18/17	9/19/17
Puerto Rico	184	182	192	92	184	189	58
St. Croix	7	5	4	4	5	21	107
St. Thomas	127	146	144	144	145	103	103
St. John	47	47	37	37	105	38	38

Infrastructure Impacts

Territory	Air	Ports	Transit	Roads	Fuel/Gas	Water
USVI	Cyril E. King Airport on St. Thomas closed	No access to inbound vessels without permission of Captain of the Port (COTP) Port closures anticipated September 19	Public transit not operational in St. Thomas and St. John Ferry service between St. Thomas and St. John operational	Minimal damage in St. Croix and major damage in St. John St. Thomas debris removal to resume post-storm	Normal supply chain operational	Six of eight municipal wastewater treatment plants in service; plant in St. Thomas pumping water and filling tanks Four of 15 sanitary pump stations in St. Thomas and St. John not in service
PR	All public use airports open	No access to inbound vessels without permission of COTP Port closures anticipated September 19	Ferry: Relief services only in Culebra; towing of Caribena ferry from St. Thomas cancelled; full service resumed in Vieques Bus/Rail: Majority of the service has resumed	All major roads open	No concerns	Drinking and wastewater treatment plants at normal operations
As of:	*September 19 12:44 a.m.*	*September 19 12:44 a.m.*	*September 18 10:56 a.m.*	*September 17 10:31 p.m.*	*September18 1:30 a.m.*	*September 17 2:30 p.m.*

(ESF-1, USCG, RII, RIV, ESF-12, Tribal Affairs Liaison, DOE Sit Rep Updates, FL Department of Health, Waste Management Authority)

Declaration Activity for USVI/PR:

Territory	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
USVI	9/18: *EM-3390*		All (Categories A and B)	75%
	9/7: *DR-4335*	St. Thomas and St. John	All (Categories A-G)	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter; 75% (Cat C-G)
PR	9/18: EM-3391		All (Categories A and B)	75%
	9/10: *DR-4336*	4 municipalities	27 (0) municipalities	75%

(FEMA Declarations Unit, September 18, 2017 6:58 p.m. EDT)

Federal Force Laydown:

Department/Agency	Puerto Rico		USVI		Totals	
FEMA – Deployed	136	(-123)	54	(-119)	190	(-242)
Urban Search & Rescue	228	(+104)	31	(+30)	259	(+134)
Health and Human Services	160	-	0	-	160	-
Department of Transportation	4	-	0	-	4	-
United States Coast Guard	0	-	1	-	1	-
DHS – NPPD	1	-	24	-	25	-
Department of Energy	8	(+6)	2	-	10	(+6)
US Department of Agriculture	0	-	0	-	0	-
Law Enforcement (ESF-13)	84	(+51)	0	-	84	(+51)
Customs and Border Protection	0	-	0	-	0	-
Civil Air Patrol	0	-	0	-	0	-
Immigration and Customs Enforcement	0	-	0	-	0	-
National Weather Service- NOAA	26	-	0	-	26	-
National Guard Title 32	65	-	570	-	635	-
DOD – Title 10	65	(-2)	34	(+34)	99	(+32)
General Services Administration	15	(+15)	0	-	15	(+15)
U.S. Army Corps of Engineers	23	(+23)	79	(+79)	102	(+102)
Department of the Interior	140	(+128)	46	(+46)	186	(+174)
USDA - U.S. Forest Service	0	-	0	-	0	-
Small Business Administration	0	(-15)	0	-	0	(-15)
Transportation Security Administration	0	-	0	-	0	-
Housing and Urban Development	0	-	0	-	0	-
Department of State	0	-	0	-	0	-
Environmental Protection Agency	8	-	21	-	29	-
Totals	963	(+187)	862	(+70)	1,825	(+257)

(Situational Awareness Info Analysis, September 19, 2017, 5:44 a.m. EDT)

FEMA Headquarters:

- National Response Coordination Center at Level I day shift, Level II night shift *(NRCC Update, September 17, 2017, 8:00 p.m. EDT)*
- National Incident Management Assistance Team (IMAT) East-2 at FEMA Region II Caribbean Area Division, San Juan, PR*(Nat'l SitRep, September 19, 2017, 3:00 a.m. EDT)*;
- National IMAT East-1 relocating to Florida EOC from Branch IV Initial Operating Facility (IOF) *(Region IV SitRep, September 18, 2017, 3:00 p.m. EDT)*
- **Recovery**

Territory	Total Individual Assistance Registrations	% of Projected Total Registrations	% of Total Households in Disaster Area
Region II			
U.S. Virgin Islands	4,209	80.9%	96.3%
Puerto Rico	3,162	37.6%	44.8%

(Open Disaster Summary, September 18, 2017, 11:17 p.m. EDT)

- Strategic Workforce Augmentation Team (SWAT) taking calls at three NPSCs, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 5,042 (+137) call center agents available to receive calls *(Recovery Contact Center Surge Staffing Timeline, September 18, 2017, 12:00 p.m. EDT)*
- 174 (-12) Disaster Survivor Assistance (DSA) cadre members deployed/deployed pending check-in and training in support of Hurricane Irma affected States and Territories *(DSA Cadre Management Section Update, September 18, 2017, 9:55 p.m. EDT)*

- **Mutual Aid**

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	USVI	17 (0)	7 (0)
IV	FL	155 (+1)	36 (0)

(EMAC Sit Rep #52, September 18, 2017, 8:00 p.m. EDT)

FEMA Region I

- Regional Response Coordination Center (RRCC) activated to Level II (Partial Activation), day shift only to monitor potential impacts to Hurricane Jose *(Region 1 OPORD #1, September 17, 2017, 2:46 p.m. EDT)*

FEMA Region II

- Regional Response Coordination Center (RRCC) at Level II (Partial Activation) (24/7) *(Nat'l SitRep, September 19, 2017, 3:00 a.m. EDT)*
- FEMA Region II IMAT in St. Croix, USVI; FEMA Region X IMAT in St. Thomas, USVI *(FOD Update, September 18, 2017, 3:55 p.m. EDT)*
- Region II Caribbean Area Division working from Continuity of Operations (COOP) site *(RII DSAR, September 16, 2017, 4:00 p.m. EDT)*
- **U.S. Virgin Islands:** EOC at Full Activation, state of emergency remains in effect, territory-wide curfew will go into effect September 19 at 10:00 a.m. EDT, Federal Coordinating Officer (FCO) William Vogel on site in St. Croix *(RII Update, September 18, 2017, 3:30 p.m. EDT)*
- **Puerto Rico:** EOC at Full Activation, state of emergency remains in effect, FCO is Alejandro De La Campa *(RII DSAR, September 16, 2017, 4:00 p.m. EDT)*

FEMA Region IV:

- RRCC at Level II (Partial Activation, 24/7) *(RIV Update, September 18, 2017, 2:00 p.m. EDT)*
- HQ National Tribal Affairs Advisor on site at RIV RRCC supporting communications to four tribes outside of FL affected by Irma *(FEMA Tribal Affairs Update, September 16, 2017, 12:14 p.m. EDT)*
- Region IV IMAT-1 relocating to Branch IV Initial Operating Facility from Florida EOC, Region I IMAT at Lee County, FL *(Region IV SitRep, September 18, 2017, 3:00 p.m. EDT)*
- Region IV IMAT-2 at GA EOC *(Nat'l SitRep, September 19, 2017, 3:00 a.m. EDT)*
- Region IV Liaison Officers (LNOs) at FL, GA, AL, and Seminole Tribe EOCs (1 each) *(RIV Update, September 17, 2017, 2:04 p.m. EDT)*
- **Florida:** State EOC at Full Activation and state of emergency remains in effect, FCO is Willie Nunn
- **Miccosukee Tribe of Florida:** Two EOCs at Full Activation *(FEMA Tribal Affairs Update, September 16, 2017, 12:14 p.m. EDT)*
- **Seminole Tribe of Florida:**
  - Tribal EOC at Full Activation (24/7, all ESFs supporting)
  - FEMA Planner, Tribal LNO, Operations, and Logistics teams on site *(FEMA Tribal Affairs Update, September 16, 2017, 12:14 p.m. EDT)*
- **Georgia:** EOC at Partial Activation, FCO is Thomas J. McCool *(FEMA Update, September 16, 7:36 p.m. EDT)*

Interagency Coordination/Response:

- ***ESF-1: Transportation***
  - All USVI and PR ports open with restrictions, expected to close September 19 *(ESF-1 Update, September 18, 2017, 10:00 a.m. EDT)*
  - SS Wright will remain at sea until after Hurricane Maria passes *(ESF-1 Update, September 18, 2017, 11:34 a.m. EDT)*
  - Mobile Air Traffic Control Tower temporarily relocated from St. Thomas to Dobbins Air Force Base, GA until Hurricane Maria passes *(ESF-1 Update, September 18, 2017, 10:08 p.m. EDT)*

- ***ESF-2: Communications***
  - Maynard Mobile Emergency Response Support (MERS) vehicles and personnel temporarily relocated from USVI to Dobbins Air Force Base, GA on September 18
  - USVI communications restoration on hold in preparation for Hurricane Maria *(ESF-2 Update, September 18, 2017, 7:39 p.m. EDT)*
- ***ESF-3: Public Works and Engineering***
  - Operational pause in effect for all missions pending passage of Hurricane Maria; personnel are sheltering in place throughout the islands *(ESF-3 Update, September 19, 2017, 1:22 a.m. EDT)*
- ***ESF-4: Firefighting***
  - National Incident Management Organization (NIMO) with ESF-4 embedded individuals on standby for deployment to USVI in support of EOC following Hurricane Maria *(ESF-4 Update, September 18, 2017, 4:09 p.m. EDT)*
- ***ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services***
  - USVI:
    - USVI opening additional shelters in advance of Hurricane Maria; shelters will be staffed by USVI Department of Human Services and American Red Cross personnel *(ESF-6 Update, September 18, 2:28 p.m. EDT)*
  - PR:
    - Basic supplies being rationed including water, milk, baby formula, canned foods, batteries, flashlights, and other items *(Region II SitRep, September 18, 2017, 5:00 p.m. EDT)*
    - 449 certified shelter facilities island-wide with a capacity of 120,000; post-impact population estimated to be approximately 62,155
    - PR Department of Education has 250,000 meal capability for two meals per day for 20 calendar days *(ESF-6 Update, September 18, 2:28 p.m. EDT)*
- ***ESF-7: Logistics Management and Resource Support***
  - FEMA has provided 1,617,241 meals and 694,970 liters of water to USVI and 3,600 liters of water and four generators to PR *(ESF-7 Update, September 18, 2017, 1:00 p.m. EDT)*
  - Ordered additional 3M military meals ready to eat in preparation for Hurricane Maria; sending to Jacksonville, FL beginning September 22 for onward movement to PR
  - Planning to provide housing for 3,000 responders with 10 berthing vessels; first vessel (190 beds) will depart September 19 with expected arrival in PR/USVI on September 26
  - Projecting to establish an Air Bridge to airlift 1,400,000 meals from Atlanta, GA international airport to San Juan, PR starting September 23 *(ESF-7 Update, September 19, 2017, 2:04 a.m. EDT)*
- ***ESF-8: Public Health and Medical Services***
  - USVI: Federal Health Coordination Official identifying scope of the dialysis missions in PR and duration of missions for St. John and St. Thomas *(ESF-8 SitRep, September 18, 2017, 7:40 a.m. EDT)*
- ***ESF-9: Search and Rescue***
  - Two Type 1 Urban Search and Rescue (US&R) teams, two canine teams, one logistics package, and one Type 4 US&R team in PR as of September 18; one Type 4 US&R team and one canine team to arrive on September 19 by 7:15 a.m. EDT *(NRCC Spot Report, September 18, 2017, 10:38 p.m. EDT)*
- ***ESF-10: Oil and Hazardous Materials Response***
  - Environmental Protection Agency (EPA) personnel repositioned to CONUS September 18 and will return to USVI to resume assessments after Hurricane Maria passes *(ESF-10 Update, September 18, 2017, 2:02 p.m. EDT)*
- ***ESF-11: Agriculture and Natural Resources***
  - International Fund for Animal Welfare team relocated from St. Thomas, USVI, to Atlanta, GA *(ESF-11 Update, September 19, 2017, 11:58 p.m. EDT)*
  - Rescue organization's private Boeing 727 will transport over 400 animals from shelters on all three islands to rescue organizations in VA *(ESF-11 Update, September 18, 2017, 11:45 a.m. EDT)*
- ***ESF-12: Energy***
  - Team of eight Department of Energy Western Area Power Administration repairmen will remain in PR until Hurricane Maria passes; initial shipment of poles and repair supplies arrived in USVI September 18 *(ESF-12 Update, September 19, 2017, 1:25 a.m. EDT)*

- Seven Seas Reverse Osmosis Water Production Plant in USVI operating at full capacity (3.3 million gallons potable water per day); emergency water storage rebuilding slowly as pump stations reenergized *(ESF-12 Update, September 18, 2017, 10:50 a.m. EDT)*
- Adequate fuel supplies available in USVI in advance of Hurricane Maria *(ESF-12 Update, September 18, 2017, 10:50 a.m. EDT)*

- ***ESF-13: Public Safety and Security***
  - One Quick Response Team (29 personnel) relocated from USVI to PR and will return to USVI after Hurricane Maria passes
  - Two additional Quick Response Teams (51 personnel) redeployed from Orlando, FL and will arrive in PR on September 19 *(MCC Update, September 19, 2017, 1:30 a.m. EDT)*
- ***ESF-15: External Affairs***
  - Social Media:
    - Residents of the USVI continue to voice concerns about limited evacuation options
    - Overall stress escalates for residents of PR and USVI in hopes of a quick response to the potential hurricane aftermath *(ESF-15 Update, September 18, 2017, 11:08 p.m. EDT)*
- ***U.S. Department of Defense (DOD)***
  - U.S. Northern Command USNORTHCOM: Planning for anticipated requirements following Hurricane Maria including airfield assessments, airport opening, Search and Rescue and Medical Evacuation, aerial imagery, commodity distribution via helicopter and truck, and medical support to survivors on USVI/PR *(DOD Update, September 19, 2017, 1:08 a.m. EDT)*
- ***National Guard Bureau***
  - 65 personnel and aircraft repositioned from USVI to PR; remaining 570 personnel will shelter in place on St. Croix; additional personnel arrivals remain on hold *(NGB Update, September 18, 2017, 12:42 p.m. EDT)*
- ***U.S. Coast Guard (USCG)***
  - National Strike Force (NSF) in San Juan, PR will shelter in place on island; NSF in St. Croix relocating to San Juan, PR; NSF personnel in St. Thomas relocating to Coast Guard Air Station Clearwater *(USCG Update, September 18, 2017, 12:56 p.m. EDT)*
- ***U.S. Customs and Border Protection (CBP)***
  - Medical liaison officer (physician) pre-staged in FL until Hurricane Maria passes; will travel to PR to provide medical support to deployed CBP personnel and be accompanied by border patrol search and rescue agents *(CBP Update, September 18, 2017, 3:20 p.m. EDT)*

Commodities Tables

- The following commodities have been ordered by and shipped to the State or Territory:

Virgin Islands and Puerto Rico Combined

Product Class	Total Items Shipped to State/Territory
Blanket	0
Commodities Used in Sheltering Items & Services (CUSI)	15
Cots	3,357
Generators	4
Hygiene	1
Meal	1,617,241
Sheeting	15,192
Tarp	13,272
Water	698,570

Virgin Islands

VI	Ordered Qty	Shipped to State/Territory Qty
CUSI	58	15
Cot	450	300
Generators	29	0
Hygiene	0	1
Meal	2,052,924	1,617,241
Sheeting	135,056	15,192
Tarp	0	13,272
Water	121,500	694,970

Puerto Rico

PR	Ordered Qty	Shipped to State/Territory Qty
Cot	2,150	3,057
Gen	4	4
Water	3,600	3,600

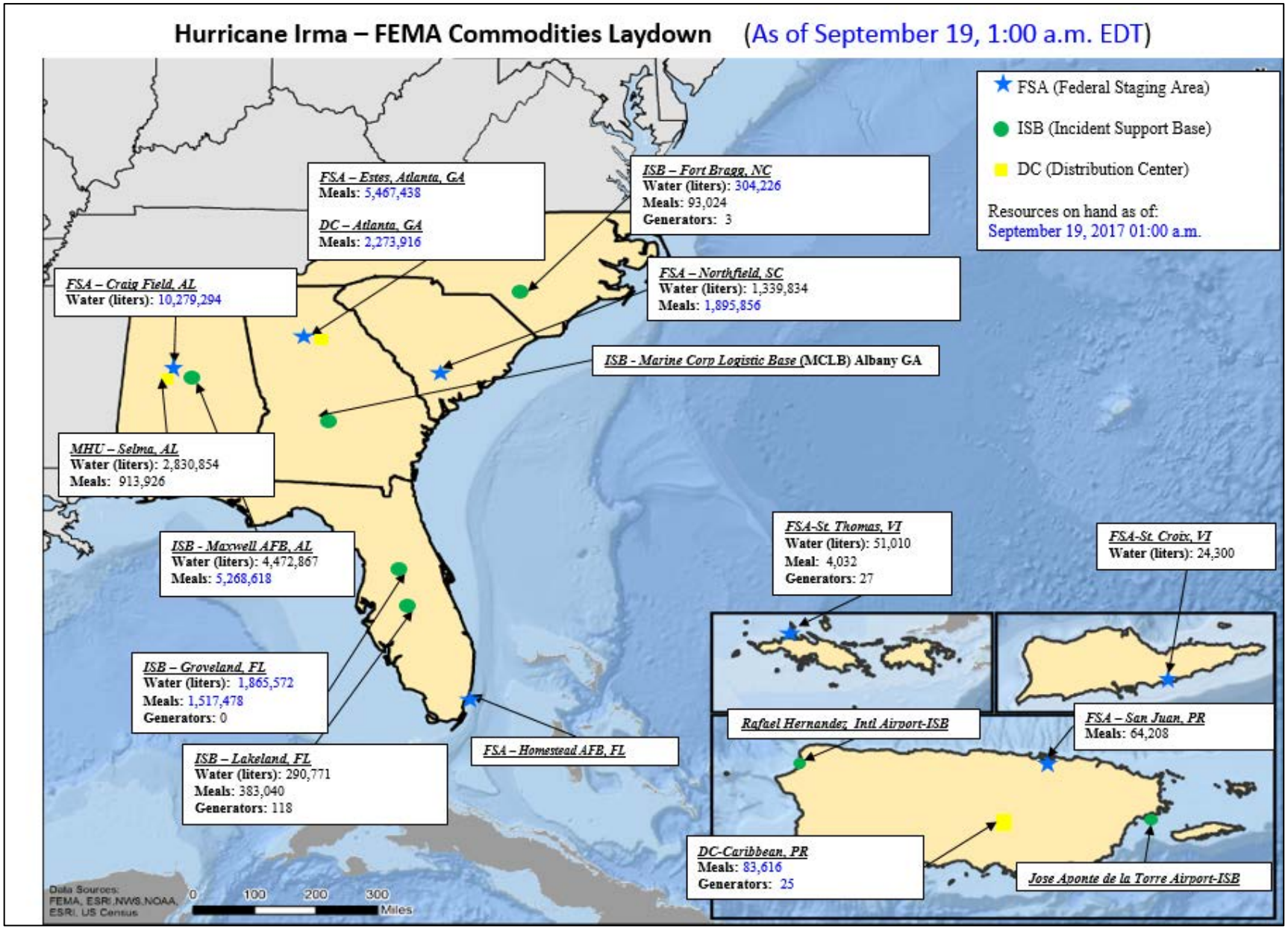
Florida

FL	Ordered Qty	Shipped to State/Territory Qty
Blanket	10,000	11,750
CUSI	90	152
Cot	5,624	6,068
Generator	138	74
Hygiene	25,000	25,000
Meal	7,810,834	10,373,594
Sheeting	38,785	36,008
Tarp	100,846	98,367
Water	6,235,673	6,628,874

Georgia

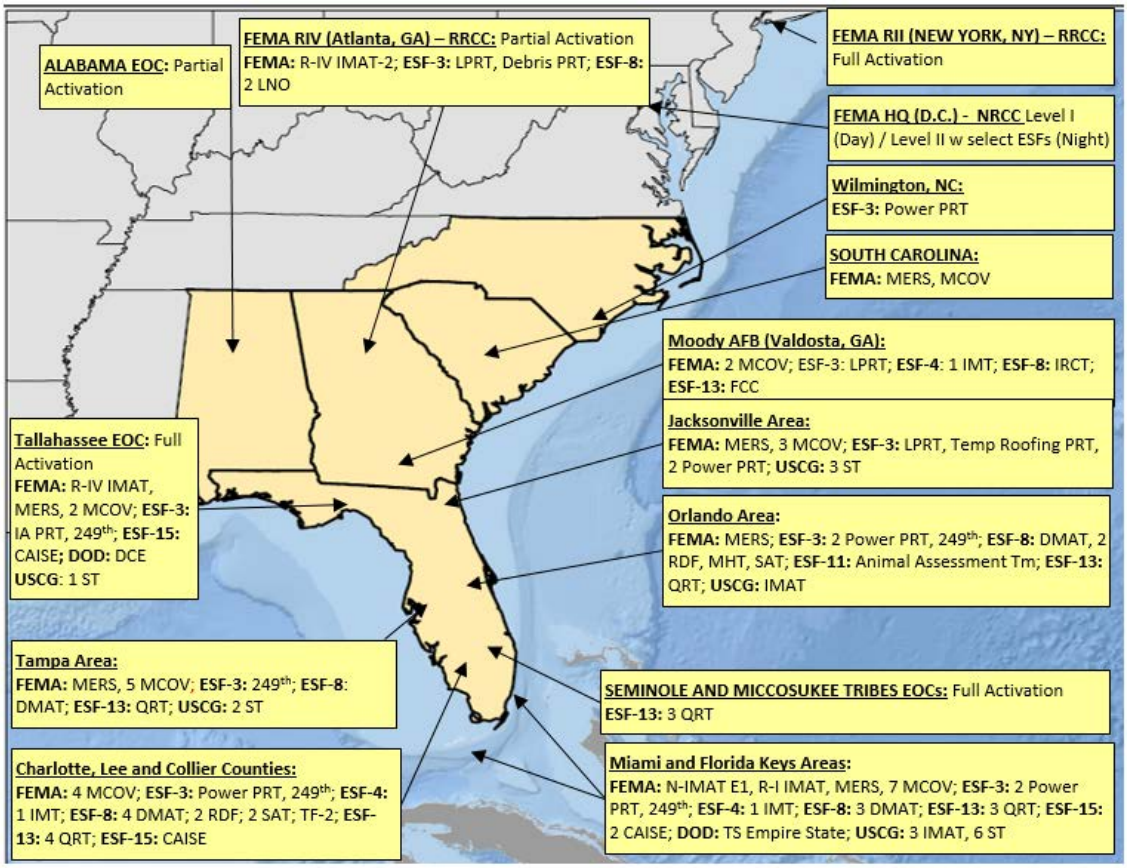
GA	Ordered Qty	Shipped to State/Territory Qty
Blanket	15,425	22,885
Cot	12,700	12,505
Meal	610,992	603,144
Tarp	27,928	26,702
Water	917,280	874,320

(ESF-7 Update, September 19, 2017 1:00 a.m. EDT)


Hurricane Irma – FEMA Commodities Laydown (As of September 19, 1:00 a.m. EDT)
FSA (Federal Staging Area)
ISB (Incident Support Base)
DC (Distribution Center)
Resources on hand as of:
September 19, 2017 01:00 a.m.
FSA – Estes, Atlanta, GA
Meals: 5,467,438
DC – Atlanta, GA
Meals: 2,273,916
ISB – Fort Bragg, NC
Water (liters): 304,226
Meals: 93,024
Generators: 3
FSA – Craig Field, AL
Water (liters): 10,279,294
FSA – Northfield, SC
Water (liters): 1,339,834
Meals: 1,895,856
ISB - Marine Corp Logistic Base (MCLB) Albany GA
MHU – Selma, AL
Water (liters): 2,830,854
Meals: 913,926
ISB - Maxwell AFB, AL
Water (liters): 4,472,867
Meals: 5,268,618
FSA-St. Thomas, VI
Water (liters): 51,010
Meal: 4,032
Generators: 27
FSA-St. Croix, VI
Water (liters): 24,300
ISB – Groveland, FL
Water (liters): 1,865,572
Meals: 1,517,478
Generators: 0
FSA – Homestead AFB, FL
ISB – Lakeland, FL
Water (liters): 290,771
Meals: 383,040
Generators: 118
Rafael Hernandez Intl Airport-ISB
FSA – San Juan, PR
Meals: 64,208
DC-Caribbean, PR
Meals: 83,616
Generators: 25
Jose Aponte de la Torre Airport-ISB
Data Sources:
FEMA, ESRI, NWS, NOAA,
ESRI, US Census
0 100 200 300
Miles

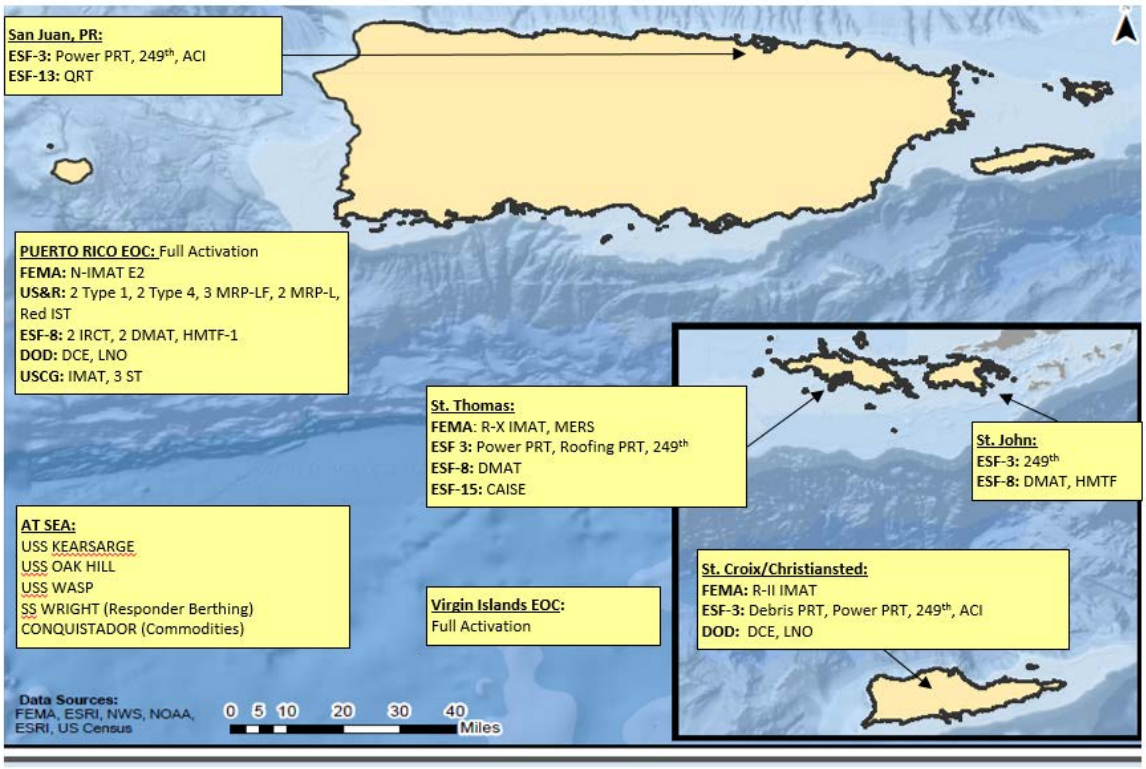
Hurricane Irma Federal Force Laydown - CONUS

As of September 19, 2017 5:00 a.m EDT



Present Federal Force Laydown - OCONUS

As of September 19, 2017 5:00 a.m. EDT



Hurricane Irma – FEMA Responder Laydown *(As of September 19, 2017 2:00 a.m. EDT)*

Total FEMA Supporting Hurricane Irma Actions

Responders on the Ground: 2868*
Other FEMA staff supporting: 608
- R2 RRCC: 103
- R4 RRCC: 126
- NRCC: 368
- FEMA Corps Members (HQ): 5
- FEMA Corps Members (Frederick, MD): 6

*Responders supporting Puerto Rico and US Virgin Islands are included in this total

Anniston, AL: 534
PMC FEMA Staff: 161
PMC SCF Staff: 24
FEMA Corps: 14
Other SCF & FEMA Responders: 335

Montgomery/ Clanton/ Selma, AL: 23
Other FEMA Responders: 23

Tallahassee, FL: 1068
R-IMAT IV-1: 11
Other FEMA Responders: 818
SCF: 190
FEMA Corps Members: 49

Orlando/ Groveland/ Weldon, FL: 106
Other FEMA Responders: 64
FEMA Corps Members: 11
SCF: 31

Tampa/ Bradenton/ Largo/ Lakeland, FL: 48
FEMA Responders: 29
SCF: 19

Naples/ Fort Myers/ LaBelle/ Lehigh Acres/ Marco Island/ Moore Haven, FL: 56
FEMA Responders: 15
SCF: 35
FEMA Corps Members: 6

Durham/ Rocky Mount, NC: 146
FEMA Responders: 146

Fayetteville/ Lumber Bridge/ Lumberton/ Pinehurst, NC: 68
Other FEMA Responders: 36
SCF: 32

Columbia, SC: 25
Other FEMA Responders: 13
SCF: 12

Thomasville, GA: 31
FEMA Responders: 31

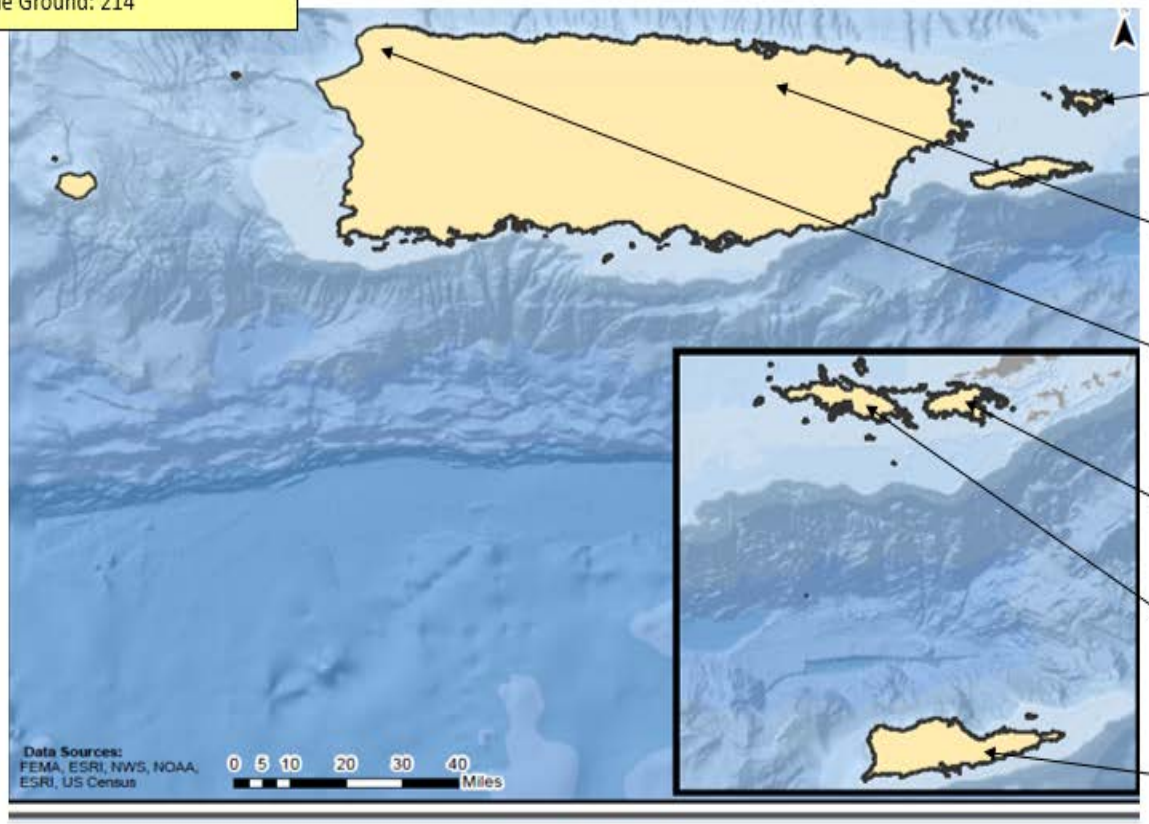
Atlanta/ Ellenwood/ Marietta, GA: 273
R-IMAT IV-2: 12
Other FEMA Responders: 230
SCF: 31

Jacksonville/ St Augustine, FL: 82
Other FEMA Responders: 39
SCF: 43

Miami/ Dania Beach/Hollywood/ Homestead/ Key West / Marathon/ Plantation/Nokomis/ West Palm Beach, FL: 194
N-IMAT E1: 27
R-IMAT I: 12
Other FEMA Responders: 101
SCF: 40
FEMA Corps Members: 14

Total FEMA Supporting Hurricane Irma Actions on Puerto Rico and US Virgin Islands
Responders on the Ground: 214

Hurricane Irma – FEMA Responder Laydown *(As of September 19, 2017 2:00 a.m. EDT)*



Culebra Island, PR: 6
FEMA Corps Members: 6

San Juan, PR: 127
Other FEMA Responders: 100
N-IMAT E2: 27

Aguadilla, PR: 3
FEMA Responders: 3

St. John, USVI: 2
FEMA Responders: 2

St. Thomas, USVI: 29
FEMA Responders: 21
R-IMAT X: 8

St. Croix/Christiansted, USVI: 47
R-IMAT II: 10
Other FEMA Responders: 37

Recovery Snapshot
Post-Tropical Cyclone Irma
Tuesday, September 19, 2017 (5:00 a.m. EDT)
Updates in Blue

Weather Outlook

While recession is ongoing for many rivers across Florida, areas of moderate to major flooding will continue through the remainder of the week. Heat indices should range from the lower to upper 90s through the early week. In addition, isolated showers and thunderstorms are possible, particularly across the eastern and southern peninsula *(NOAA Update, September 19, 2017, 5:00 a.m. EDT)*

Declaration Activity Region IV

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region IV				
Georgia	9/15: *DR-4338*	5 counties	All	75%
Alabama	9/11: *EM-3389*		All 67 counties + Poarch Band of Creek Indians	75%
Florida	9/10: *DR-4337*	48 counties	All 67 counties	75% 100% (Cat B) for 30 days
Seminole Tribe of Florida	9/8: *EM-3388*	-	Whole Tribe	75%
South Carolina	9/7: *EM-3386*	-	All 46 counties + Catawba Indian Nation	75%

(FEMA Declarations Unit, September 18, 2017 3:33 p.m. EDT)

Ongoing Response Efforts

- Coastal Restoration: Non-federal Preliminary Damage Assessments by joint State and USACE teams began September 16 for sixteen Florida counties; estimated completion September 21 *(ESF-3 Update, September 19, 2017, 1:22 a.m. EDT)*
- Responder base camps at Homestead, FL and Lehigh Acres, FL operational *(ESF-4 Update, September 18, 2017, 11:45 a.m. EDT)*
- Customs and Border Protection (CBP)
  - Performing reconnaissance missions over FL to assess damage from Hurricane Irma and assist with communication relays throughout state
  - Performing passenger processing for cruise ships that moved people into FL from PR and VI after Hurricane Irma *(CBP Update, September 18, 2017, 3:20 p.m. EDT)*
- Georgia will not request Direct Federal Assistance for USACE to perform debris removal; USACE will perform technical assistance for FEMA *(ESF-3 Update, September 19, 2017, 1:22 a.m. EDT)*

Housing Recovery

- **Individual Assistance**

Individual Assistance (as of 09/18/2017, 11:17 p.m. EDT)				
State	**Total Registrations**	**Total Individuals & Households Program Approved**	**Housing Assistance Approved**	**Other Needs Assistance Approved**
Florida	761,988	$ 161,250,991	$60,032,135	$101,218,855
Georgia	3,495	$4,799	$4,458	$341

- **FEMA Inspections**

Housing Inspections (as of 09/18/2017, 11:17 p.m. EDT)				
State	**Inspectors with Work**	**Inspections Issued**	**Inspections Complete**	**% Complete**
Florida	615	149,371	1,992	1.3%
Georgia	7	194	16	8.2%

- **National Flood Insurance Program Claims Estimates**

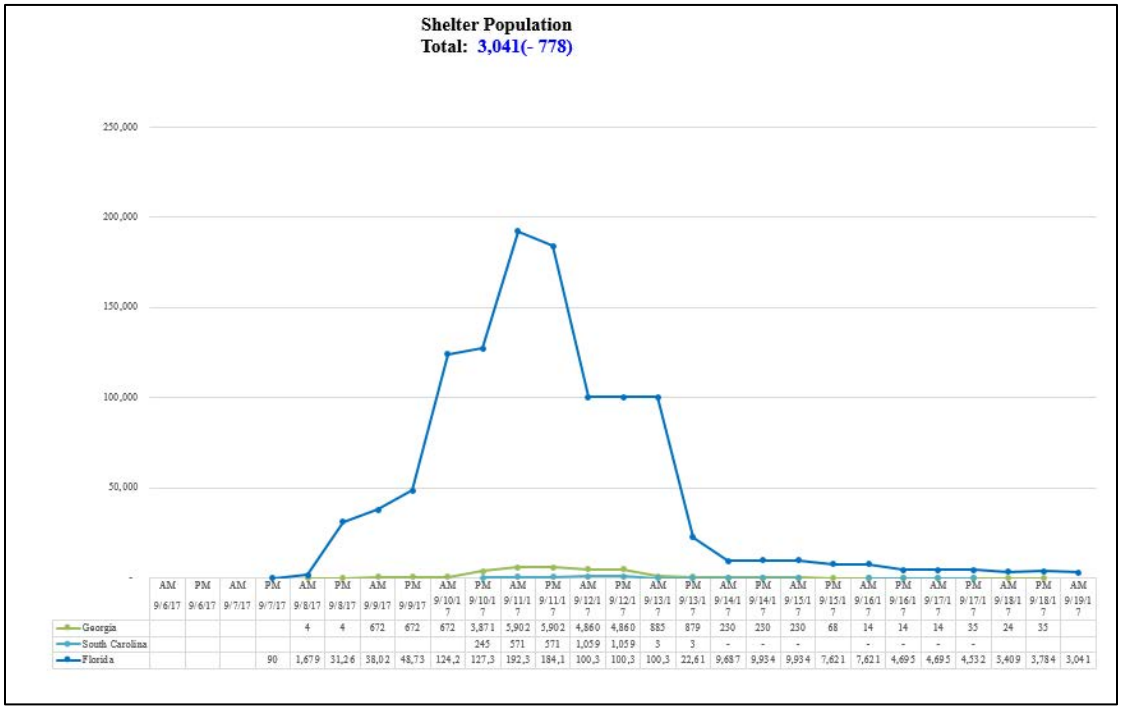
NFIP Claims Estimate (as of 09/18/2017, 2:13 p.m. EDT)	
State	**Claims Submitted**
Florida	Over 13,000
Georgia	Over 1,300
South Carolina	Over 1,500
U.S. Virgin Islands	29
Puerto Rico	4
Alabama	1

* As of September 18, 2017, over $2.6M in advance payments has been issued to insured survivors of Hurricane Irma.

- **Temporary Housing**
  - Transitional Shelter Assistance (TSA)

Transitional Sheltering Assistance (as of 09/18/2017, 11:26 p.m. EDT)		
State	**Households Checked In to Hotel**	**Eligible**
Florida	5,308	270,088

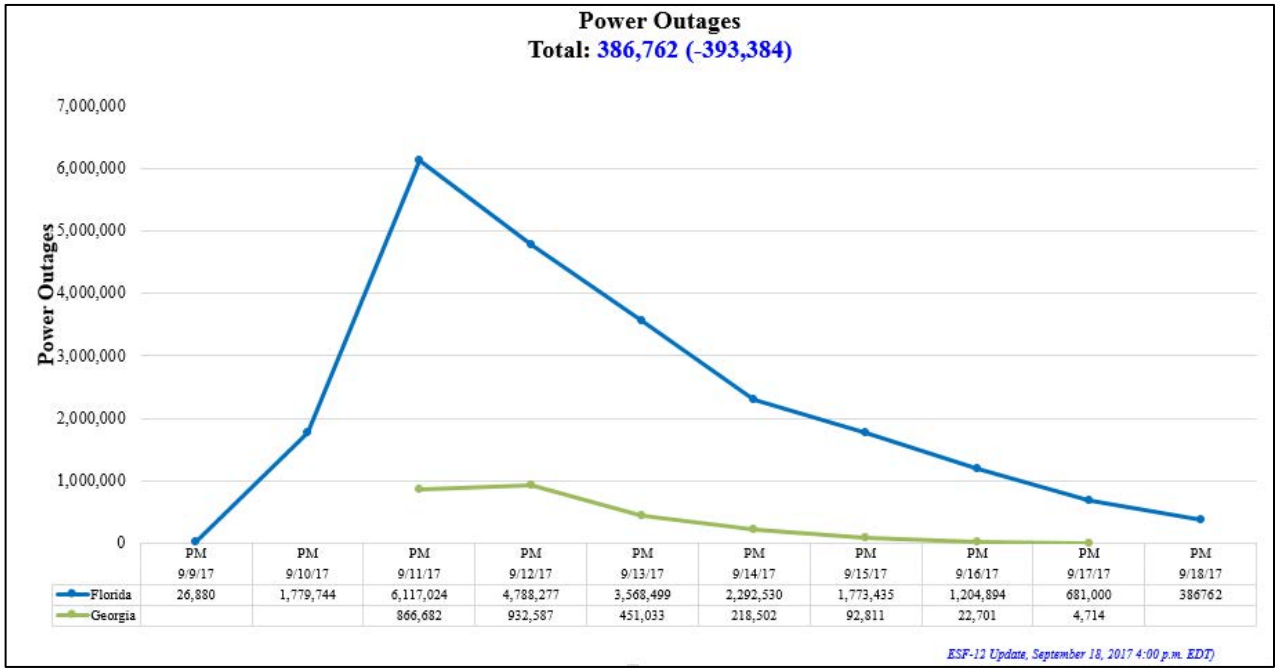
  - Shelters: Open shelters and populations are as follows: 43 (-27) shelters with population of 3,041 (-368) in FL; four (+1) shelters with population of 20 (-5) with Seminole Tribe *(ESF-6 Update, September 19, 2017, 4:00 a.m. EDT)*
- **Housing Recovery/Repair**
  - Temporary Housing Requirements/Blue Roof Mission
    - Seven Right of Entry (ROE) collection centers open (Counties of Lee, Collier (2), Pinellas, Sarasota, Hillsboro, and Miami-Dade); requirements are increasing with two additional counties added to the state declaration (Okeechobee and Cotton) on September 18 *(ESF-3 Update, September 19, 2017, 1:22 a.m. EDT)*
    - Doral County plastic sheet staging site will open September 19 *(ESF-3 Update, September 18, 2017, 11:06 a.m. EDT)*



(ESF-6 Update, September 19, 2017, 4:06 a.m. EDT)

Infrastructure Recovery

- Florida continues communications restoration; commercial carriers able to address fuel and access problems
- All 911 call centers operational or rerouted *(ESF-2 Update, September 18, 2017, 7:39 p.m. EDT)*
- EPA working with USACE in FL to provide portable drinking water systems while drinking water assessments are ongoing *(ESF-10 Brief, September 18, 2017, 12:30 p.m. EDT)*
- Power restoration:
  - Power restored to 96% of affected FL customers; utilities estimate power restoration complete by September 22 *(ESF-12 Update, September 18, 2017, 10:50 a.m. EDT)*
  - All Seminole Tribe of Florida reservations still experiencing power outages; powerline repair began at Big Cypress and Immokalee reservations; procurement of generators underway for special needs patients *(FEMA Tribal Affairs Update, September 18, 2017, 12:27 p.m. EDT)*
- Ports and Waterways:
  - Port of Key West remains open with restrictions
  - USCG established temporary regulated navigation area and temporary safety zone for waters within the Key West port *(ESF-1 Update, September 18, 2017, 11:34 a.m. EDT)*



	PM 9/9/17	PM 9/10/17	PM 9/11/17	PM 9/12/17	PM 9/13/17	PM 9/14/17	PM 9/15/17	PM 9/16/17	PM 9/17/17	PM 9/18/17
Florida	26,880	1,779,744	6,117,024	4,788,277	3,568,499	2,292,530	1,773,435	1,204,894	681,000	386762
Georgia			866,682	932,587	451,033	218,502	92,811	22,701	4,714	

Health and Social Services

- Health Services:
  - FL:
    - Hospitals: Nine closed, four evacuated, three (+1) on generator power
    - Long-term Care Facilities: Eight (-1) closed
    - Dialysis centers: 53 closed *(ESF-8 SitRep, September 18, 2017, 11:19 p.m. EDT)*
  - GA: Two hospitals and two dialysis centers closed *(HHS R2/R4 Sit Rep #19, September 17, 2017, 7:00 p.m. EDT)*
- Schools: Public school systems open in 50 FL counties; schools closed in remaining 17 counties, *(DR-4337 COP, September 18.2017, 2:00 p.m. EDT)*
- Mass Care:
  - FL:
    - American Red Cross/Partner feeding plan assumptions remain at a projected level of need at 338,000 meals per day
    - Salvation Army committed to 95,000 meals per day with the remaining meals being sourced through the American Red Cross and Southern Baptist Church *(ESF-6 Update, September 19, 2017, 12:54 a.m. EDT)*

Natural and Cultural Resources

- EPA supporting the State of FL to determine a process for delivering mobile drinking water treatment systems and provide emergency drinking water *(ESF-10 Update, September 18, 2017, 2:02 p.m. EDT)*

Recovery Snapshot
Post-Tropical Cyclone Harvey
Tuesday, September 19, 2017 (5:00 a.m. EDT)
Updates in Blue

Declarations

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region VI				
Texas	8/25: *DR-4332*	39 counties	42 counties	90% (Cat A); 100% (Cat B) for 30 days, 90% thereafter;

Housing Recovery

- **Individual Assistance (IA)**

Individual Assistance (as of 09/18/2017, 11:17 p.m. EDT)				
State	**Total Registrations**	**Total Individuals & Households Program Approved**	**Housing Assistance Approved**	**Other Needs Assistance Approved**
Texas	768,990	$ 512,530,285	$ 353,220,704	$ 159,309,580

- **FEMA Inspections**

Housing Inspections (as of 09/18/2017, 11:17 p.m. EDT)				
State	**Inspectors with Work**	**Inspections Issued**	**Inspections Complete**	**% Complete**
Texas	2,107	490,226	167,798	34.2%

- **National Flood Insurance Program Claims Estimates**

NFIP Claims Estimate (as of 09/18/2017, 2:13 p.m. EDT)		
State	**Claims Submitted**	**Advanced Payments to Insured Survivors**
Texas	Over 86,000	Over $359,000,000
Louisiana	Over 460	Over $689,000

- **SBA Home Loans**

SBA Home Loans (as of 09/18/2017, 2:04 a.m. EDT)					
State	**Applications Received**	**% Processed**	**Applications Approved**	**Loan $ Approved**	**Average Loan Amount**
Texas	33,853	59%	2,955	$ 247,929,400	$83,902

- **Temporary Housing**
  - Direct Temporary Housing Assistance and Permanent Housing Construction has been authorized for DR-4332-TX in Austin, Brazoria, Fayette, and San Jacinto counties *(Memo signed by Assistant Administrator, Recovery Directorate, Alex Amparo September 18, 2017)*
  - Transitional Shelter Assistance (TSA)

Transitional Sheltering Assistance (as of 09/18/2017, 3:09 p.m. EDT)		
State	**Households Checked In to Hotel**	**Eligible**
Texas	25,596	306,972

Infrastructure Recovery

- **Maritime:** Training Ship General Rudder providing berthing support for 36 FEMA personnel in Galveston, TX
- **Rail:**
  - All but two TX railroad subdivisions in Houston area back in service
  - Last two Union Pacific subdivisions out of service due to major bridge damage, estimated to be back in service October 1
  - Railroads continue to move more freight daily by rerouting around closed subdivision on alternate routes

(FEMA Recovery, September 18, 2017, 3:00 p.m. EDT)

Economic Recovery

- **Small Business Administration**

SBA Business Loans (as of 9/17/2017)					
State	**Applications Received**	**% Processed**	**Applications Approved**	**Loan $ Approved**	**Average Loan Amount**
Texas	2,021	60%	217	$19,475,500	$89,749