Senior Leadership Briefing
Post-Tropical Cyclone Irma

Thursday, September 14, 2017 (5:00 a.m. EDT)

Updates in Blue

Current Situation:

Moderate to major flooding will continue across much of Florida into next week. The areas at greatest risk for an extended period of major flooding include rural areas of the northern Florida Peninsula, including portions of I-75, rural areas northeast of Orlando and areas from northeast to southeast of Tampa (Pasco to Desoto Counties). As the Santa Fe River in Gilchrist County exceeds record flood stage Thursday morning, portions of I-75 may become flooded and remain so for about 24 hours. Major disruption to communities in this area is expected. Roads will be cut off and many homes will be surrounded by water.

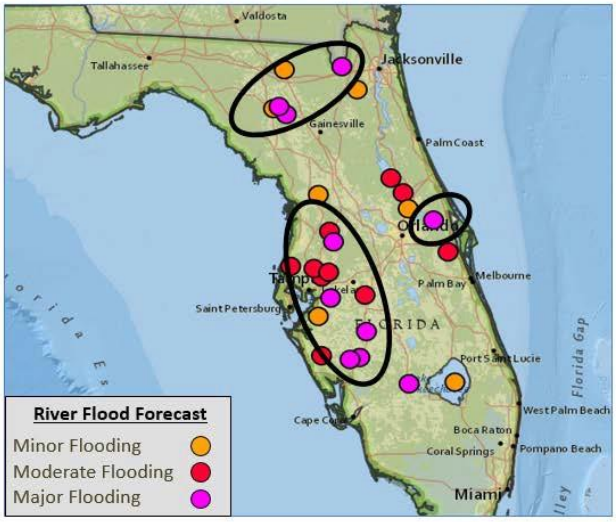
The St. Johns River in Seminole County will remain in major flood stage into next week. Water will likely cover State Road 46 and other nearby roads may become impassable. Standing water on secondary roads to a depth of several feet is likely, and significant impacts to structures and marinas from above Lake Harney to the Lake Jesup area are likely.

The Peace River in Desoto County is expected to remain in major flood stage into next week. Up to 100 homes will experience flooding. *(NOAA Update, September 13, 2017, 2:19 a.m. EDT)*

Major Flooding in Florida: Recession Timing

Basin	USGS Gauge Location (County)	Forecast to Recede Below Major Flooding	Expected Impacts
St. Marys River	Macclenny (Baker)	Late Thursday (9/14)	Trailers and houses threatened
Santa Fe River	Near Fort White (Gilchrist)	Early Next Week ***Forecast to Exceed Record Flood Stage late Thursday**	Major damage and disruption to the community with roads cut off; portions of I-75 flooded
St. Johns River	Geneva (Seminole)	Early Next Week	Flooding of homes in low-lying areas; SR 46 and other roads flooded
Withlacoochee River	Trilby (Pasco)	Rise to major flood stage by Saturday	Riverdale trailers flooded; several campgrounds and a few homes flooded
Peace River	Zolfo Springs (Hardee) Arcadia (Desoto)	Late Thursday (9/14) Until Further Notice	Nearly 100 homes impacted
Palmdale Fisheating Creek	Palmdale (Glades)	Late Thursday (9/14)	A few houses and campgrounds impacted

Deterministic River Flood Forecasts



Key Points:

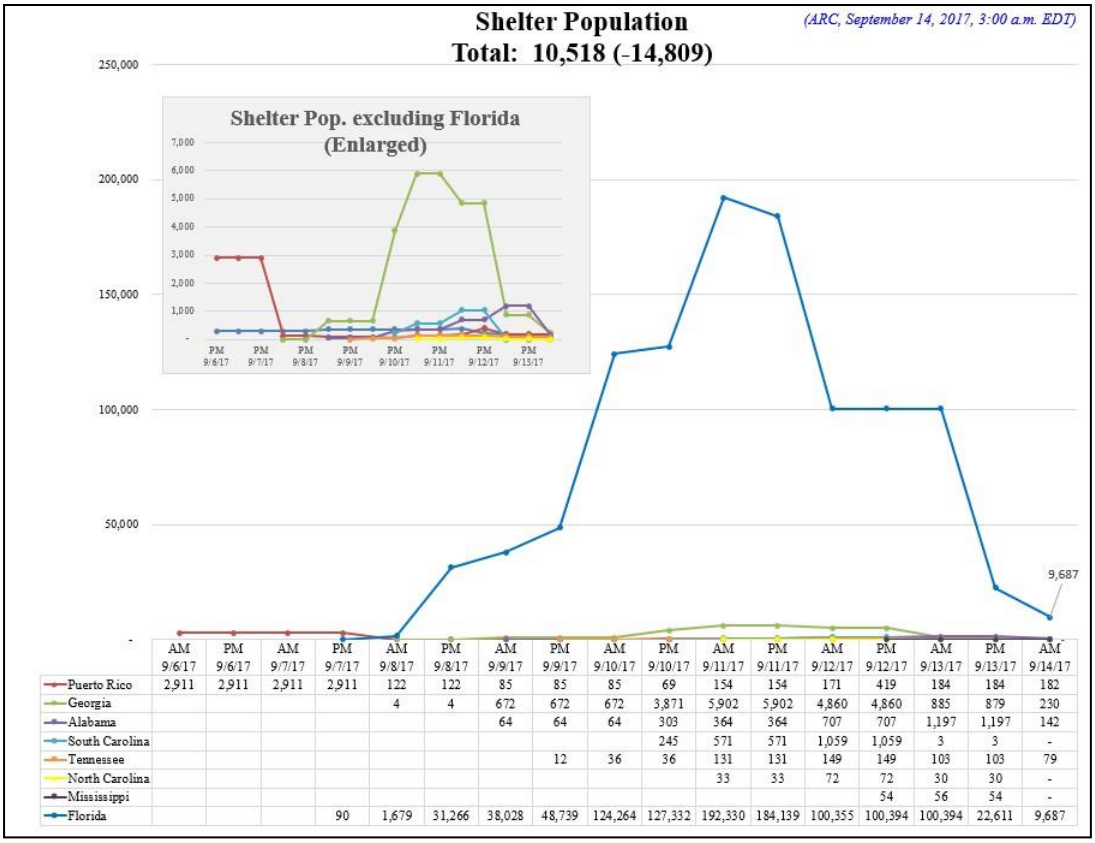
- Severity: Moderate to major flooding ongoing
- Greatest Risk:
  - Rural northern Florida Peninsula
  - Rural areas northeast of Orlando
  - Areas northeast to southeast of Tampa (Pasco to Desoto Counties)
- Many locations will drop below Major Flood Stage by this weekend or early next week, but flooding likely to continue thereafter
- Continued impacts to homes, businesses and state/county roads expected

(NOAA Update, September 14, 2017, 2:19 a.m. EDT)

Impact Summary:

Population Impacts						
State/ Tribe	**Confirmed Fatalities**	**Shelters / Population**	**Customer Power Outages**	**Hospitals**	**Evacuations**	**Other**
USVI	5	Shelters: 4 (-1) Pop: 198 (+17)	St. Thomas - 19,574 St. John - 2,893 St. Croix - 6,905	1 closed	N/A	
PR	3	Shelters: 4 Pop: 182 (-2)	117,244	All open	N/A	Partial opening of schools and government offices that have power and water
FL	25 (unconfirmed)	Shelters: 103 (-71) Pop: 9,687 (-12,924)	2,907,337 (-661,162)	7 closed (-3)	25 counties mandatory; 16 counties voluntary	Overnight curfews: 16 cities/counties; Offices: 8 counties closed 9/14; Schools: At least 47 school districts closed
Seminole Tribe	0	Shelters: 4 (-1) Pop: 85 (+46)	No Power at Brighton & Hollywood reservations	Not Reported	No orders	Leaking at Immokalee and Big Cypress shelters. Damage to Hollywood reservation Fire Department
GA	3	Shelters: 8 (-7) Pop: 230 (-649)	250,341 (-200,692)	All open	No orders	5 counties closed through September 15
SC	4 (unconfirmed)	N/A	16,441 (-42,531)	Not reported	No orders	
NC	N/A	N/A	9,912 (-14,533)	Not Reported	N/A	
TN	0	Shelters: 5 (-2) Pop: 79 (-24)	Below reporting threshold	Not Reported	N/A	
AL	N/A	Shelters: 4 (-12) Pop: 142 (-1,055)	Below reporting threshold	Not Reported	N/A	
As of:	*September 13 10:05 p.m.*	*September 14 12:20 a.m.*	*September 14 12:01 a.m.*	*September 14 4:00 a.m.*	*September 14 4:58 a.m.*	*September 14 4:58 a.m.*

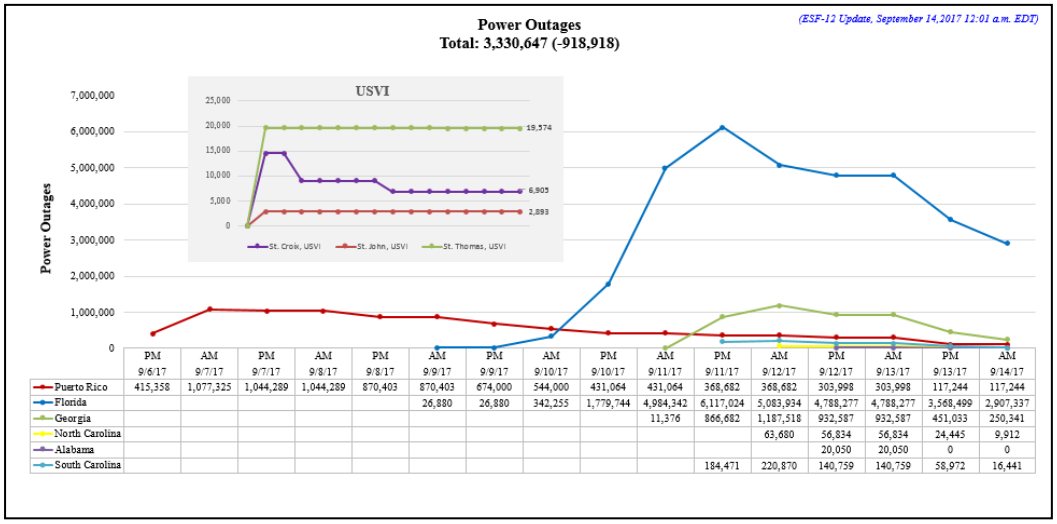
(Associated Press, ESF-6 Support System, ESF-12, ESF-8, RIV, Tribal Affairs Liaison Updates, FL Division of Emergency Management)



	AM 9/6/17	PM 9/6/17	AM 9/7/17	PM 9/7/17	AM 9/8/17	PM 9/8/17	AM 9/9/17	PM 9/9/17	AM 9/10/17	PM 9/10/17	AM 9/11/17	PM 9/11/17	AM 9/12/17	PM 9/12/17	AM 9/13/17	PM 9/13/17	AM 9/14/17
Puerto Rico	2,911	2,911	2,911	2,911	122	122	85	85	85	69	154	154	171	419	184	184	182
Georgia					4	4	672	672	672	3,871	5,902	5,902	4,860	4,860	885	879	230
Alabama							64	64	64	303	364	364	707	707	1,197	1,197	142
South Carolina										245	571	571	1,059	1,059	3	3	-
Tennessee								12	36	36	131	131	149	149	103	103	79
North Carolina											33	33	72	72	30	30	-
Mississippi														54	56	54	-
Florida				90	1,679	31,266	38,028	48,739	124,264	127,332	192,330	184,139	100,355	100,394	100,394	22,611	9,687

Infrastructure Impacts						
State/ Tribe	**Air**	**Ports**	**Transit**	**Roads**	**Fuel/Gas**	**Water**
USVI	St. Croix open; St. Thomas closed except for emergency operations until September 20	St. Croix: 1 open, 1 open with restrictions, 1 closed due to security issues; St. Thomas: all open, 2 with restrictions	St. Croix resuming service; limited operations in St. Thomas and St. John; no ferry service between St. Thomas and St. John	Minimal damage in St. Croix; major damage in St. John; difficult to assess damage in St. Thomas	Normal supply chain operational	All Islands under a boil water advisory
PR	All major airports open	Guayama open with restrictions; all others open	Ferry: Relief only in Culebra, full service resumed in Vieques; Rail: Tren Urbano fully operational; Bus: Open dawn to dusk	All major roads open; no damage reported	No concerns	26,845 (-15,846) without water
FL	Key West Int'l, Marathon Int'l, Naples closed except emergency operations; All others open	Closed: Key West, Ft. Myers, Ft. Pierce; 4 open with restrictions; all others open	Commuter rail service closed; public transit limited or suspended in Miami-Dade, Key West, and Lee County; service in Sarasota County and Gainesville to resume September 14	I-75, I-10, and I-95 are open; potential for moderate to major flooding on I-75	Most gas stations in major cities without fuel; deliveries of fuel tankers expected to relieve shortages	Boil water notices in effect for 40 counties
Seminole Tribe	N/A	N/A	N/A	Not Reported	Not Reported	Boil water notice
GA	All major airports open	Brunswick open; Savannah open with restrictions	Damage assessments underway; rail operations heavily impacted by widespread power outages; coastal area transit service suspended pending approval for re-entry to evacuated counties	Various exits along I-95 in Glynn County closed until further notice due to hazardous conditions	Some fuel outages reported throughout the state	Local press reporting at least 8 water systems in south GA under boil water advisories
NC	All major airports open	All open	Rail: Amtrak Crescent (five stations in NC) resumed service	No significant weather-related road closures	No concerns	Not Reported
SC	All major airports open	All open	Railroad damage assessments underway; Charleston public transit fully operational	Returning evacuees experiencing traffic congestion on I-75 south to FL	No concerns	Not Reported
AL	All major airports open	All open	Not Reported	No significant weather-related road closures	No concerns	Not Reported
As of:	*3:00 a.m.*	*4:00 a.m.*	*1:00 a.m.*	*3:00 a.m.*	*4:00 a.m.*	*4:00 a.m.*

(ESF-1, USCG, RII, RIV, ESF-12, Tribal Affairs Liaison, DOE SitRep Updates, FL Dept of Health, Georgia Public Broadcasting, September 14, 2017)



	PM 9/6/17	AM 9/7/17	PM 9/7/17	AM 9/8/17	PM 9/8/17	AM 9/9/17	PM 9/9/17	AM 9/10/17	PM 9/10/17	AM 9/11/17	PM 9/11/17	AM 9/12/17	PM 9/12/17	AM 9/13/17	PM 9/13/17	AM 9/14/17
Puerto Rico	415,358	1,077,325	1,044,289	1,044,289	870,403	870,403	674,000	544,000	431,064	431,064	368,682	368,682	303,998	303,998	117,244	117,244
Florida						26,880	26,880	342,255	1,779,744	4,984,342	6,117,024	5,083,934	4,788,277	4,788,277	3,568,499	2,907,337
Georgia										11,376	866,682	1,187,518	932,587	932,587	451,033	250,341
North Carolina												63,680	56,834	56,834	24,445	9,912
Alabama													20,050	20,050	0	0
South Carolina											184,471	220,870	140,759	140,759	58,972	16,441

Declaration Activity:

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region II				
Puerto Rico	9/10: *DR-4336*	4 municipalities	12 municipalities	75%
U.S. Virgin Islands	9/7: *DR-4335*	St. Thomas; St. John	All	90% (Cat A) 100% (Cat B) for 30 days, 90% thereafter
Region IV				
Alabama	9/11: *EM-3389*		All 67 counties and Poarch Band of Creek Indians	75%
Florida	9/10: *DR-4337*	37 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 and Catawba Indian Nation	75%
Georgia	9/7: *EM-3387*	-	94 counties	75%

(FEMA Email, Amendment No. 3, Amendment No. 4, and Amendment No. 5 to FEMA-4337-DR for FL, September 13, 2017 2:19 p.m. EDT)

Federal Force Laydown: *(Situational Awareness Info Analysis, September 14, 2017, 3:11 a.m. EDT)*

Department/Agency	Personnel Deployed		Department/Agency	Personnel Deployed	
FEMA – Deployed	2,068	(-434)	National Weather Service- NOAA	24	(-10)
FEMA – Other Support	582	(+25)	National Guard	18,863	(0)
Urban Search & Rescue	924	(-428)	DOD – Title 10	9,836	(-3362)
Health and Human Services	1,027	(+108)	General Services Administration	19	(0)
Department of Transportation	26	(0)	U.S. Army Corps of Engineers	275	(0)
United States Coast Guard	851	(+126)	Department of the Interior	194	(-14)
DHS – NPPD	188	(+12)	USDA - U.S. Forest Service	131	(+43)
Department of Energy	22	(+10)	Small Business Administration	1	(0)
US Department of Agriculture	13	(+6)	Transportation Security Administration	298	(0)
Law Enforcement (ESF 13)	693	(+21)	Housing and Urban Development	0	(0)
Customs and Border Protection	214	(0)	Department of State	24	(0)
Civil Air Patrol	26	(0)	Environmental Protective Agency	156	(0)
Immigration and Customs Enforcement	62	(0)	Emergency Management Assistance Compact	11	(0)
			Total	40,425	(+1,579)

FEMA Headquarters:

- National Response Coordination Center activated at Level I (24/7); Gold team relieving Blue team 8:00 a.m. EDT, September 14 *(NRCC Morning Brief, September 13, 2017, 8:30 a.m.EDT)*
- National Incident Management Assistance Team (IMAT) East-2 at FL Emergency Operations Center (EOC) and National IMAT East-1 at FL EOC *(Region IV Watch Unit Update, September 13, 2017, 6:00 a.m. EDT)*
- Personnel mobilization center established at Anniston, AL has 1,000 staff ready to mobilize for Irma response *(Daily Ops Brief, September 13, 2017, 8:30 a.m. EDT)*
- **Recovery** *(Open Disaster Summary, September 13, 2017, 11:03 p.m. EDT)*

State/Territory	Total Individual Assistance Registrations	% of Projected Total Registrations	% of Total Households in Disaster Area
Region II			
U.S. Virgin Islands	1,618 (+208)	12.5%	3.7%
Puerto Rico	1,665 (+221)	83.7%	25.1%
Region IV			
Florida	145,625 (+61,938)	16.2%	2.2%

- Surge staffing continues for FEMA's Strategic Workforce Augmentation Team taking calls from three NPSCs, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 4,610 call center agents are expected to be online September 14, 2017 *(Recovery Contact Center Surge Staffing Timeline, September 13, 2017, 11:00 a.m. EDT)*
- Disaster Survivor Assistance (DSA):
  - USVI: 9 DSA staff traveled from St. Croix to St. John to establish DSA presence on St. John *(RII Rolling Brief, September 13, 2017, 8:00 a.m. EDT)*
  - PR: DSA staff working in Culebra and Vieques municipalities
- Preliminary Damage Assistance (PDA):
  - Three Individual Assistance PDA teams in Carolina municipality, PR *(RII Rolling Brief, September 13, 2017, 8:00 a.m. EDT)*
  - Five Public Assistance PDA teams continuing assessments in the Puerto Rican municipalities of Quebradillas, Camuy, Barceloneta, Santa Isabel, Salinas, Yabucoa, Naguabo, Las Piedras, Jayuya, Comerio and Cataño
- Temporary Housing Strategy: Transitional Sheltering Assistance for 4337-FL activated for the Individual Assistance declared counties; 29,882 households are eligible, and 97 households (255 individuals) are currently checked in *(Transitional Sheltering Assistance Summary, September, 13, 2017 11:09 p.m. EDT)*

☐ **Federal Insurance and Mitigation Administration**
- More than 2.6 million policies in force across AL, FL, GA, NC, SC, PR, and USVI *(FIMA Update, September 13, 2017, 11:40 p.m. EDT)*
- FIMA received the following number of flood insurance claims:
  - 9 claims submitted in USVI
  - 3 claims submitted in PR
  - 1 claim submitted in AL
  - Over 400 claims submitted in GA
  - Over 700 claims submitted in SC
  - Over 5,400 claims submitted in FL *(FIMA Update, September 13, 2017, 11:40 p.m. EDT)*

☐ **Mutual Aid** (EMAC Sit Rep #41, September 13, 2017, 2:00 p.m. EDT)

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	USVI	13 (+2)	3 (+0)
IV	FL	137 (+9)	32 (0)
IV	GA	1 (+0)	1 (+0)
IV	SC	0	3 (0)

FEMA Region II:

☐ Regional Response Coordination Center (RRCC) at Level I (Full Activation) day shift, Level II (Partial Activation) night shift with ESFs 1, 6, 12, and 15 *(RII SAS Update, September 13, 2017, 11:00 p.m. EDT)*

☐ FEMA Region II IMAT in St. Croix, USVI

☐ FEMA Region X IMAT in Puerto Rico *(RII Rolling Brief, September 14, 2017, 12:34 a.m. EDT)*

☐ **U.S. Virgin Islands:** EOC at Full Activation, state of emergency declared, and National Guard activated *(RII Rolling Brief, September 13, 2017, 8:00 a.m. EDT)*

☐ **Puerto Rico:** EOC at Level IV (Full Activation); state of emergency declared, and National Guard activated; the Dual Status Commander, COL Narciso Cruz, is approved by Secretary of Defense *(RII Rolling Brief, September 13, 2017, 8:00 a.m. EDT)*

FEMA Region IV:

☐ RRCC at Level I (Full Activation) *(Daily Ops Briefing, September 13, 2017, 8:30 a.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 13, 2017, 2:10 p.m. EDT)*

☐ Region IV IMAT-1 at FL EOC; and Region IV IMAT-2 arrived at GA EOC *(Region IV Daily Sit Rep, September 12, 2017, 5:00 p.m. EDT)*

☐ Region IV Liaison Officers at FL, SC, GA, NC, AL, and Seminole Tribe EOCs (1 each) *(Region IV Daily Sit Rep, September 11, 2017, 2:49 p.m. EDT)*

☐ **Florida**
- EOC at Level I (Full Activation) *(Daily Ops Briefing, September 13, 2017, 8:30 a.m. EDT)*

- State of Emergency declared for 67 counties *(FL DEM, September 12, 2017, 8:00 a.m. EDT)*
- FEMA Initial Operating Facility operational in Tallahassee *(Region IV Update, September 10, 2017, 2:00 p.m. EDT)*
- Miccosukee Tribe: Two EOCs at Full Activation; coordinating with FEMA for teams to conduct damage assessments *(FEMA Tribal Affairs update, September 13, 2017, 2:10 p.m. EDT)*

- **Seminole Tribe of Florida:** EOC at Full Activation (24/7, all ESFs) *(Daily Ops Briefing, September 13, 2017, 8:30 a.m. EDT)*
  - Identified two locations for PODs: Brighton Reservation and Cypress Reservation *(FEMA Tribal Affairs update, September 13, 2017, 2:10 p.m. EDT)*
  - Completed damage assessments show 10 to15 homes per reservation with damages; all tribal government buildings have water damage *(FEMA Tribal Affairs update, September 13, 2017, 2:10 p.m. EDT)*
- **Alabama:** EOC at Level III (Partial Activation) *(Interagency VTC September 13, 2017, 12:30 p.m. EDT)*
- **Georgia:** EOC at Level I (Full Activation) *(Daily Ops Briefing, September 13, 2017, 8:30 a.m. EDT)*

Interagency Coordination/Response:

- ***ESF-1: Transportation***
  - USVI/PR: Significant amounts of debris impacting accessibility of ports in St. John and St. Thomas, including damaged ferries and boats leaking oil; a Mission Assignment for a sub salvage unit to assist with port recovery underway; St. Thomas Sub Base Dry Dock is out-of-service due to substantial damage; ferry service from St. Thomas to St. John remains closed *(Region II Rolling Summary, September 13, 2017, 7:23 p.m. EDT)*
  - FL:
    - TS Empire State en route to Key West to provide berthing for 600 responders; estimated arrival September 16 *(ESF-1 Update, September 14, 2017, 2:00 a.m. EDT)*
    - Remaining closed airports scheduled to re-open as follows: Naples on September 15 (-1 day); Key West Int'l on September 15; Marathon Int'l on September 15 *(FAA ATCS Command Center, September 14, 2017, 12:55 a.m. EDT)*
    - Emergency response utility vehicles (including bucket trucks) given authorization to bypass all FDOT weigh station facilities until September 19; this weigh station bypass does not include loads that require permits to operate on FL roadways *(Region IV SitRep, September 13, 2017, 7:00 a.m. EDT)*
    - Roads/bridges:
      - I-10, I-75, and I-95 are open and flyovers show no major damage; I-10 and I-95 experiencing traffic congestion from returning evacuees, particularly I-75 southbound from the GA-FL state line to Wildwood *(ESF-1 Update, September 13, 2017, 10:33 p.m. EDT)*
      - Portions of I-75 may become flooded during the next 24 hours, causing major disruption to communities in the area and impacting flow of returning evacuation traffic; other major and minor routes also expected to experience flooding *(NOAA Update, September 14, 2017, 1:03 a.m. EDT)*
      - FDOT reports all 42 bridges along US-1 to FL Keys are safe for travel; US-1 is open from Homestead to Key West for emergency response vehicles only
      - Major road closures reported in Alachua County due to flooding *(ESF-1 Update, September 14, 2017, 2:00 a.m. EDT)*
  - Rail: FL, GA, and SC railroads continuing clean up and damage assessments, no equipment damage reported; commercial power outages remain a major concern, and generators being deployed to crossings to operate active warning devices; crossings will require flagmen for operations if crossing signals and gates are not powered
    - Amtrak working to restore power, phone, and internet to facilities; plan to restore Palmetto service (NY to Savannah, GA) September 14 *(ESF-1 Update, September 13, 2017, 9:08 p.m. EDT)*
- ***ESF-2: Communications***
  - Mobile Emergency Response Support (MERS) teams deployed in FL, GA, SC, PR, and USVI providing direct operational communications and land mobile radio support to Urban Search and Rescue (US&R) Incident Support Team and multiple US&R task forces, the National Disaster Medical System, Incident Response Coordination Team, and FEMA incident management elements
  - Mobile Communications Office Vehicles (MCOVs) deployed to GA, FL, SC, and WV and deploying to USVI to provide voice and data to incident management elements, Incident Support Bases (ISB), Disaster

Survivor Assistance Teams (DSAT), and Mobile Disaster Recovery Centers for survivor intake and registration *(ESF-2 Update, September 14, 2017, 3:46 a.m. EDT)*

- USVI/PR
  - AT&T crews in USVI working with local utility and emergency management officials to restore service where power is being restored and safe access is possible *(RII Rolling Brief, September 13, 2017, 8:00 a.m. EDT)*
  - Cell tower status (voluntary reporting, the same towers do not report everyday): 20.05% outages in St. Croix; 90% outages in St. John; 71.9% outages in St. Thomas; 10.1% outages in PR *(ESF-2 Update, September 13, 2017, 11:30 p.m. EDT)*
  - Two EPA satellite communications sleds will be shipped to St. Croix to improve voice, internet, and data connections *(Region II Rolling Summary, September 13, 2017, 7:23 p.m. EDT)*
  - Two C-17s out of Westover AFB will transport the final two MERS vehicles and five pallets of communications equipment needed immediately to assist USAR, DMAT, VITEMA, VIPD, and VI Fire *(ESF-2 Update, September 13, 2017, 11:30 p.m. EDT)*
- FL
  - 29 (+2) total Public Safety Answering Points (PSAPs) affected; four down with no re-routes
    - Nine up without Automatic Location Identification (ALI); nine re-routed with ALI; 13 re-routed without ALI *(Region IV SitRep, September 13, 2017, 7:00 a.m. EDT)*
    - Downed PSAPs being analyzed; no timeline for restoration *(ESF-2 Update, September 13, 2017, 11:30 p.m. EDT)*
  - 18.1% of cell sites in the disaster area out of service; counties with 50% or greater cell sites out include: Collier, Hendry, and Monroe *(ESF-2 Update, September 13, 2017, 11:30 p.m. EDT)*
  - ESF-2 and ESF-12 sharing debris removal and security services resources and aligning priorities to restore power and communication to customers *(ESF-2 Update, September 13, 2017, 3:00 p.m. EDT)*
  - U.S. Secret Service provided 500 public safety radios; undergoing reprogramming and expected to deploy to teams engaged in Regions II and IV September 15; Region IV and MERS personnel prioritizing locations for the radios *(ESF-2 Update, September 13, 2017, 2:07 p.m. EDT)*
- GA: 10.5% of cell sites in the disaster area are out of service *(ESF-2 Update, September 13, 2017, 2:07 p.m. EDT)*

- ***ESF-3: Public Works and Engineering***
  - USVI/PR
    - Temporary Emergency Power:
      - Pre-Installation Inspection (PII): 69 requested/17 completed
      - Delivered 800kW generator to Randolph-Harley Power Plant; not installed due to safety stand down *(ESF-3 Update, September 14, 2017, 2:03 a.m.)*
    - Temporary Housing Requirements/Blue Roof Mission: Assessment completed and estimated that 6,000-7,000 structures will need blue roofs with 33 crews on site in St. Thomas, aerial imaging indicates that 800-1,000 structures will need blue roofs with five crews on St. John. Lack of standardized repair process for metal roofs requires temporary roofing repairs for approximately 95% of roofs; first install expected by September 20 *(ESF-3 Update, September 14, 2017, 2:03 a.m.)*
    - Command and Control (C2): Delivering Mobile Command Vehicle (MCV) to support Reception, Staging, Onward Movement, and Integration (RSOI) operations being worked through movement control in PR and USVI with an expected arrival of September 15 *(ESF-3 Update, September 14, 2017, 2:03 a.m.)*
  - FL
    - Temporary Emergency Power:
      - Pre-Installation Inspection (PII): 4 requested/2 completed
      - Lease for Lakeland ISB signed September 13
      - Barrington Senior Care Center (services patients with special needs) assessed; temporary power installation scheduled September 14 *(ESF-3 Update, September 14, 2017, 2:03 a.m.)*
    - Temporary Housing Requirements/Blue Roof Mission:
      - Blue roof estimates are 40,000-60,000 homes *(8:30 daily ops brief, September 13, 2017, 8:30 a.m. EDT)*
      - Identified locations for plastic sheeting staging areas: Clewiston, FL and Lakeland, FL
      - Right of Entry collection centers opening September 14 (Lee and Pinellas County) and September 15 (Collier County) *(ESF-3 Update, September 14, 2017, 2:03 a.m.)*

- Debris Mission: Emergency Clearance performed in Monroe, Lee and Collier counties; USACE providing Technical Assistance to FEMA, State and Local assets *(ESF-3 Update, September 14, 2017, 2:03 a.m.)*

- GA
  - Debris SMEs conducted joint air and ground debris assessment throughout GA September 13 *(ESF-3 Update, September 14, 2017, 2:03 a.m.)*
  - Initial reports indicate six community drinking water systems without power or on back-up generators; three Publicly Owned Treatment Works reported as being without power or partially operating on back-up generators; requests for back-up power generators for water and wastewater treatment facilities are coming to the State of GA ESF-3 desk
- EPA has drinking water support and response support capabilities available for the Miccosukee Tribe and Seminole Tribe; the Miccosukee Tribe remains without power, and has received water pumps from Army Corps and Southwest Florida Water Management District; the Seminole Tribe in FL has lost power at Immokalee, Big Cypress, Brighton, and Hollywood Reservations, and a water main break occurred at Hollywood, where a boil notice is now in effect and water is being distributed *(EPA Update, September 13, 2017, 11:15 a.m. EDT)*

- ***ESF-4: Firefighting***
  - USVI/PR: One Type 1 National Incident Management Organization Incident Management Team en route to USVI, expected to arrive September 16 *(ESF-4 Update, September 13, 2017, 11:00 a.m. EDT)*
  - FL: Type 2 All-Hazards Team from New York Fire Department, originally tasked with Urban Search and Rescue mission, available and staged in Jacksonville, FL for logistics support mission assignment
  - Seminole Tribe: Provision of support for commodity distribution and 300 radios in process; radios available for distribution *(ESF-4 Update, September 13, 2017, 1:25 p.m. EDT)*
- ***ESF-5: Information and Planning***
  - NOAA's National Geodetic Survey completed collection of aerial images for the FL keys, focused on high impact areas surrounding the point landfall; transitioning into collect images from Naples to Marco Island, FL on September 14 *(NOAA Update, September 14, 2017, 2:27 a.m. EDT)*
- ***ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services***
  - American Red Cross: About 2,900 Red Cross workers responding to Irma, with approximately 450 additional volunteers on the way; more than 100 emergency response vehicles activated; mental health and health services professionals provided more than 10,500 contacts for support and care to those affected *(ESF-6, September 14, 2017, 1:19 a.m. EDT)*
  - USVI:
    - AmeriCares confirmed 1,200 units of tetanus, diphtheria, and pertussis (Tdap) vaccine successfully delivered to St. Thomas *(ESF-6, September 14, 2017, 1:19 a.m. EDT)*
    - Coordinating with ESF-11 and International Fund for Animal Welfare to identify commercial air transport for two animal assessment teams (nine people) from Boston, MA to St. Thomas and St. John; ESF-6 and ESF-11 working towards a resolution for transportation *(ESF-6 Update, September 13, 2017, 2:27 p.m. EDT)*
  - FL:
    - Governor requested 1,000 nurses from the Florida Department of Health to assist at shelters across the state *(ESF-6, September 14, 2017, 1:19 a.m. EDT)*
    - Salvation Army: Mobilized 24 mobile feeding units capable of serving 36,000 meals per day capacity; eight mobile feeding units are on standby in FL; an additional 32 mobile feeding units are scheduled to arrive September 14 from surrounding areas
    - Southern Baptist Disaster Relief: Mobilized 7 kitchens capable of serving 140,000 meals within 48 hours of arrival; an additional 6 kitchens with a capacity of 65,000 meals a day for use throughout the impacted area are on standby. *(ESF-6 Update, September 13, 2017, 2:27 p.m. EDT)*
    - The 5 highest population shelters:
      - University of South Florida (USF) Sundome: Tampa (608) *(ESF-6 Update, September 13, 2017, 2:27 p.m. EDT)*
      - Florida International University: Miami (600)
      - Miami Dade County Expo Fair Center: Miami (600)
      - Alico Arena: Fort Myers (560)

        - Lake Weir High School: Ocala (468)
    - 12 durable medical equipment kits transferred to Orlando; remaining 24 kits will be transferred to impacted areas based on resource needs
  - GA: Salvation Army supporting feeding at 19 mobile feeding units in GA; capacity: 28,500 meals per day capacity; partnering with Southern Baptist to provide feeding; Southern Baptist has two kitchens mobilized with a capacity of 25,000 meals per day
  - AL: Salvation Army supporting feeding at one location in Dothan; three canteens are on standby *(ESF-6 Update, September 13, 2017, 2:27 p.m. EDT)*
- ***ESF-7: Logistics Management and Resource Support***
  - USVI/PR:
    - USVI: FEMA provided USVI 582,575 meals, 382,992 liters of water to date *(ESF-7 update, September 13, 2017, 12:30 p.m. EDT)*
      - Norwegian sailed from St. Thomas to Miami port on September 12 with 933 survivors; Royal Caribbean scheduled to depart from St. Thomas with additional survivors and will open up to any residents who desire to go CONUS *(RII Rolling Summary, September 13, 2017, 9:31 p.m. EDT)*
      - 36 generators scheduled to move from San Juan, PR to St. Thomas today; generators delayed one day due to weather; unloading and installation pending *(ESF-3 Update, September 14, 2017, 2:00 a.m. EDT)*
      - SS Wright en route to St. Thomas to provide berthing and meals for emergency response personnel and deliver relief supplies; estimated to arrive on or before September 16 *(ESF-1 Update, September 12, 2017, 2:10 p.m. EDT)*
      - ESF-7 evaluating additional responder lodging capabilities, including berthing barges. Decision expected on September 14 once needs are determined in coordination with the USVI Unified Coordination Group *(ESF-7 Update, September 13, 2017, 1:00 p.m. EDT)*
    - PR: 36,466 meals are currently on hand. FEMA provided 3,600 liters and 4 generators of water to PR to date *(ESF-7 update, September 14, 2017, 2:30 a.m. EDT)*
    - Maritime Sea Bridge:
      - Commodities shipped from Randolph ISB to USVI expected to arrive on September 15 *(ESF-7 update, September 14, 2017, 2:30 a.m. EDT)*
      - 1.68M liters of water, 10,000 cots, and 31 generators on Conquistador barge from Pennsauken, NJ with estimated arrival in San Juan, PR September 18
      - Crowley barge moving cots, commodities, and fuel from PR to USVI with expected arrival of September 14 *(ESF-7 update, September 14, 2017, 2:30 a.m. EDT)*
      - 903,000 meals, 23 GSA vehicles, and an MCOV shipped on SS Wright, estimated arrival for cargo delivery in San Juan PR September 16; ship will then transit to St. Thomas to provide 325 berthing units for responder lodging *(MCC Update, September 13, 2017, 1:50 p.m.)*
    - Air Bridges: *(ESF-7 Update, September 13, 2017, 3:00 a.m. EDT)*
      - Passenger air bridge operational for Department of Defense airplanes to move federal responders and vehicles to San Juan, PR *(ESF-7 update, September 1, 2017, 2:30 a.m. EDT)*
      - Commodity air bridge: flights continue from Houston, TX to San Juan; each trip brings 90,000 meals. Two C-130 transport planes departed from Lackland AFB, San Antonio, TX to PR bringing 72,000 liters of water *(ESF-7 Update, September 13, 2017, 1:00 p.m. EDT)*
  - CONUS: FEMA provided FL and GA 7,228,137 meals, 5,535,108 liters of water, and 41 generators to date
    - FL: 838,505 meals, 583,853 liters of water, and 121 generators on hand. FEMA provided 6,624,993 meals and 4,622,484 liters of water, and 41 generators to date *(ESF-7 update, September 1, 2017, 2:30 a.m. EDT)*
      - FL has commodities to cover next 48 hours
      - 403 truckloads and 71 truckloads each of meals and water arrived *(ESF-7 update, September 1, 2017, 2:30 a.m. EDT)*
      - DOT Maritime Administration, the USS Empire State (650 berths), en route to support housing responders in FL Keys; USS Kennedy en route through Straits of FL with estimated arrival of September 14 *(ESF-7 Update, September 13, 2017, 1:00 p.m. EDT)*
      - ESF-7 moving fuel operations from Warner Robins AFB to Camp Blanding Army Base, FL between 9/13 and 9/15; fuel commodities will be distributed per FL's request

        - ESF-7 transported 264 generators to Lakeland, FL, arrived September 13, in support of the USACE emergency power mission; 151 generators on hand at staging site
        - ESF-7 transporting 40,000 Blue Roof sheeting to FL in support of the blue roof mission *(ESF-7 update, September 13, 2017, 1:00 p.m. EDT)*
    - AL: 7,281,401 meals, 16,709,873 liters of water on hand *(ESF-7 update, September 13, 2017, 12:30 a.m. EDT)*
        - ISB Selma Craig Field, AL open and operational to support FL and GA operations *(ESF-7 Update, September 13, 2017, 1:00 p.m. EDT)*
    - NC: 366,745 meals, 2,246,217 liters of water, and 57 generators on hand *(ESF-7 update, September 13, 2017, 12:30 a.m. EDT)*
    - SC: 1,589,914 meals and 1,339,834 liters of water on hand *(ESF-7 update, September 13, 2017, 12:30 a.m. EDT)*
    - GA: 721,638 meals and 30 generators on hand; FEMA has provided 603,144 meals and 912,624 liters of water to date *(ESF-7 update, September 13, 2017, 12:30 a.m. EDT)*
        - ISB Forest Park, GA is open and operational for support of FL and GA operations *(ESF-7 update, September 12, 2017, 12:45 p.m. EDT)*
  - Federal buildings closed on September 12: FL 274 (-124), GA 2 (-157), SC 6 (-1), NC 1 (+1) , USVI 5 (+2), PR 2 (+1) *(GSA update, September 13, 2017, 10:21 p.m. EDT)*
  - Defense Production Act (DPA) Contracts: 39 contract priority ratings have expedited and expanded the supply of critical resources from the private sector for Hurricane Irma response efforts through DPA; the five most frequently procured resources using priority ratings are meals, translation services, communications, mobile housing units, and lodging *(DPA Update, September 13, 2017, 2:00 p.m. EDT)*

- ***ESF-8: Public Health and Medical Services***
  - USVI/PR:
    - 137 dialysis patients were medically evacuated from St. Thomas to San Juan, PR as both the Schneider Hospital and CKC Clinic were destroyed and cannot provide dialysis *(HHS Sitrep, September 13, 2017, 07:00 a.m. EDT)*
    - Area Support Medical Company (DOD Asset) arriving in St. Thomas: 2 of 5 flights completed. Expect operational capability on September 15 *(HHS Shift change brief , September 13, 2017, 7:00 p.m. EDT)*
    - 6 of 8 air ambulances deployed to the USVI demobilized *(ESF-8 Update, September 14, 2017, 3:26.m. EDT)*
  - FL:
    - State performing daily checks on nursing homes and other long term care facilities
    - Teams staged and awaiting mission assignments: Orlando: 10 DMATs, one Disaster Mortuary Operations Response Assessment Team (DMORT); Monroe County: 1 DMAT (en route) *(ESF-8 Update, September 14, 2017, 3:26.m. EDT)*
    - Teams supporting missions to five medical special needs shelters; additional missions anticipated to support to Key West medical facility and casualty collection point in southern FL *(ESF-8 Update, September 14, 2017, 3:26.m. EDT)*
    - FL has 200 ground ambulances and 88 para-transit vehicles assigned for response, Forward Operating Base moved to Orlando; all aeromedical assets, remaining ambulance, and para-transit vehicles demobilized *(FEMA Update, September 13, 2017, 1:07 p.m. EDT)*

- ***ESF-9: Search and Rescue***
  - Total lives saved/assisted:
    - FEMA Urban Search and Rescue (US&R): PR/USVI: 1,141 saved/assisted; FL/CONUS: 1,006 saved/assisted *(ESF-9 Update, September 14, 2017, 1:00 a.m. EDT)*
    - USGG: more than 326 people (and 53+ pets) rescued/assisted *(USCG Update, September 14, 2017, 2:43 a.m. EDT)*
  - Ten FEMA US&R task forces deployed to Regions II and IV; five in the process of demobilizing
  - USVI/PR: Two FEMA US&R task forces and ESF-9 partner agencies continue primary search and rescue operations on St. Thomas, St. John, and the two islands off of PR; Canine units demobilized
  - FL/CONUS:
    - Coordinating with FEMA HQ/FEMA IMAT, Blue and Gold IMTs on immediate needs and initiating search planning based upon local needs, including ongoing searches in the FL Keys and preparing to support anticipated requests in the Gainesville area due to flooding
    - Four federal task forces are conducting SAR operations in the FL Keys; total of 3,452 structures searched to date in FL Keys *(ESF-9 Update, September 14, 2017, 1:00 a.m. EDT)*

- USCG cutters with embarked helicopters and rescue teams are off shore Key West, Marathon and southeast FL conducting post-storm operations; one cutter near Key West providing distress call communications support in response to damaged towers in FL Keys; Air Station Miami and Clearwater conducting overflights in support of US&R and assessment teams *(USCG Update, September 14, 2017, 2:43 a.m. EDT)*

- ***ESF-10: Oil and Hazardous Materials Response***
  - USVI/PR:
    - EPA developing debris management plan with USACE, FEMA, USCG, Puerto Rico and the USVI *(ESF-10 Update, September 13, 2017, 11:15 a.m. EDT)*
    - Twelve EPA Criminal Investigation Division/National Criminal Enforcement Response Team agents deployed September 13 to St. Croix to coordinate with ESF-13 and support EPA security needs *(ESF-10 Update, September 13, 2017, 4:58 p.m. EDT)*
  - FL:
    - Facility assessments continue with USCG National Strike Force and EPA On-Scene Coordinators supporting Hazard Assessment Response Teams; total facilities may include 263 Risk Management Plan facilities and 121 Facility Response Plan facilities *(ESF-10 Update, September 13, 2017, 4:58 p.m. EDT)*
    - Pipeline industry shut down operations affecting Miami Int'l, Fort Lauderdale, Orlando Int'l, and Tampa Int'l Airports; repairs continue and some services restored *(ESF-1 Update, September 14, 2017, 2:00 a.m. EDT)*
- ***ESF-11: Agriculture and Natural Resources***
  - PR/USVI:
    - Two animal assessment teams fly to PR then onward to St. John and St. Thomas, expected arrival September 14 *(ESF-11 Update, September 13, 2017, 9:34 p.m. EDT)*
    - Greater Good Rescue Bank has approximately 500,000 pet food meals and crate and litter supplies staged for air delivery from Bush International Airport en route to PR and USVI; larger shipment to be sent by sea container *(ESF-11 Update, September 13, 2017, 9:34 p.m. EDT)*
    - Coordinating with Salvation Army to augment food commodities on St. Thomas
    - Food Bank of Puerto Rico in Bayamon coordinating with the Administración de Desarrollo Socioeconómico de la Familia to ensure Emergency Food Assistance Program food bank supplied with water and ice is not distributed to the same communities *(ESF 11 Update, September 13, 2017, 7:59p.m.)*
  - FL:
    - USDA planning to conduct crop damage assessments, will determine a start date by September 14; Florida Department of Citrus noted significant damage to the Florida citrus industry due to loss from wind and uprooted trees *(ESF-11 Update, September 14, 2017, 12:15 a.m. EDT; Florida Department of Citrus, September 12, 2017)*
    - A USDA Animal Task Force deployed to Kissimmee, FL to integrate with State IMTs to conduct damage assessments of livestock/poultry facilities and provide guidance for carcass disposal at the request of FL Department of Agriculture and Consumer Services; all team members will be in place September 14 *(ESF-11 Update, September 13, 2017, 2:20 p.m. EDT)*
    - Women, Infants, and Children benefits are available for locations where clinics are closed
  - Waiver approved for purchase of hot foods with Supplemental Nutrition Assistance Program (SNAP) benefits; USDA in discussions with FL, SC, and GA regarding Disaster Supplemental Nutrition Assistance Benefits *(ESF-11 Update, September 13, 2017, 9:34 p.m. EDT)*
  - USDA Food Southeast Region and Mid-Atlantic Region will distribute food to disaster locations
- ***ESF-12: Energy***
  - USVI
    - DOE working with Water and Power Authority (WAPA), APPA, DOD, and FEMA to facilitate mutual aid for 30 crews, 6 bucket trucks, and 2 Digger Derick Auger Trucks if needed *(ESF-12 Update, September 13, 2017, 4:00 p.m. EDT)*
    - WAPA announced a restoration schedule for areas of St. Croix that continue to experience isolated outages; complete restoration expected September 20 *(ESF-12 Update, September 13, 2017, 4:00 p.m. EDT)*
    - One Virgin Islands WAPA staff accidentally electrocuted while doing power repair in St. Thomas, resulting in a fatality September 12; power restoration suspended in St. Thomas and St. Johns on September 13 and will resume September 14 *(ESF-12 Update, September 13, 2017, 8:20 a.m. EDT)*
  - PR: Puerto Rico Electric Power Authority reporting 8% of total customers remain without power; PREPA

estimates 99% of customers in the San Juan area will be restored by September 15

- FL
  - Florida Power and Light estimates power restoration to most of the West Coast of FL by September 22 and to the East Coast by September 17
  - Duke Energy Florida reported that restoration is estimated for September 17 for Central and Northern FL and to West FL by September 15
  - TECO expects restoration for most of its territory by September 17
  - Working to prioritize fuel deliveries to gasoline and truck stops that have backup power on major highways *(ESF-12 Update, September 13, 2017, 2:32 p.m. EDT)*
- SC: Duke Energy Carolinas has provided an estimated time for restoration of September 15 for much of its territory in the western Carolinas *(DOE Sitrep, September 13, 2017, 8:30 a.m. EDT)*

☐ ***ESF-13: Public Safety and Security***

- USVI/PR:
  - 57 (+3) Federal Law Enforcement Officers (FLEOs) with support elements are assisting ESF-8 and ESF-9 operations in PR and USVI; six additional FLEOs deploying to St Thomas, VI to supplement current FLEOs *(ESF-13 Update, September 13, 2017, 9:23 p.m. EDT)*
  - Two Federal Bureau of Investigation (FBI) Quick Response Teams (QRTs) rotating out of Region II support and a remaining FBI QRT local to Puerto Rico assuming remaining missions *(ESF-13 Update, September 13, 2017, 12:55 p.m. EDT)*
- CONUS
  - Request from Seminole Tribe to provide 125 FLEOs and five Mobile Command Vehicle (MCV) approved; 3 Department of Interior (DOI) QRTs and 2 MCVs deployed and coordinating with Seminole Tribe Police Force leadership; ESF-13 secured state authority to operate in Seminole reservations in Collier, Hendry, Glades, and Broward Counties
  - 421 FLEOs supporting ESF-8 DMAT and ESF-9 USAR operations
  - 25 FLEOs providing site security USCG Sector Key West
  - Additional FLEOs and QRTs standing by *(ESF-13 Update, September 13, 2017, 9:23 p.m. EDT)*
  - Six DOI Bureau of Indian Affairs QRTs arrived in Orlando and assisting with search and rescue missions *(ESF-13 Update, September 13, 2017, 12:55 p.m. EDT)*

☐ ***ESF-15: External Affairs***

- Private Sector
  - FedEx restored services to all of FL except 11 zip codes, primarily in the Keys
  - Walmart lowered its limit for cashing U.S. Treasury checks, including Federal assistance checks, from $5,000 to $2,000 in FL to address cash shortfalls
  - NBEOC informed Bloomberg L.P. of the USVI donation site for the offer of an aircraft to transport supplies to St. Thomas
- Social Media
  - Demands for investigations and the need for more government action to meet the needs of vulnerable populations affected by Irma occurring following media coverage of deaths at a Hollywood, FL nursing home
  - FL and GA residents stressed over power outages, especially those with medical concerns *(ESF 15 Email Update, September 13, 2017, 11:46 p.m. EDT)*
  - No U.S. Postal Service on St. John or St. Thomas, all post offices are closed; St. Croix offices open *(St. Thomas Source via ESF-15 Update, September 14, 2017 2:30 a.m. EDT)*

☐ ***U.S. Coast Guard***

- USVI/PR: USCG Cutter transported TSA, Coast Guard Investigative Service (CGIS) agents, and media to St. Thomas; CGIS agents will augment National Guard personnel to provide security
- CONUS: USCG Air Stations reconstituted and conducting normal operations; cutters continue reconstitution efforts, and Miami and Key West-based cutters preparing to return to Miami *(USCG Update, September 14, 2017, 2:48 a.m. EDT)*

- ***U.S. Department of Defense***
  - US Northern Command (USNORTHCOM):
    - USVI:
      - A 30,000 pound capacity fork lift and a Mobile Communications Vehicle arrived St. Thomas in support of the U.S. Army Corps of Engineers
      - 26th Marine Expeditionary Unit continues commodity distribution and route clearance missions on St. Thomas and St. John
    - FL:
      - A portion of the Tactical Vehicles from Task Force Victory transporting commodities as part of the Joint Task Force
      - USS Iwo Jima and USS New York with embarked Search and Rescue (SAR) assets remain in support of SAR and logistics requirements; other DoD resources standing by Moody, Air Force Base (AFB), GA and Patrick AFB, FL *(DoD Update, September 14, 2017, 1:03 a.m. EDT)*
  - US Transportation Command (USTRANSCOM)
    - 602nd American Society of Military Comptrollers arrived September 11; four additional flights scheduled and final flight projected to arrive at 9:50 a.m. EDT, September 14 *(DoD Update, September 13, 2017, 1:54 p.m. EDT)*
    - A team of six Air Force personnel deployed to provide surgical capabilities
    - Two C-17, moved HHS DMAT from Martinsburg, WV to Key West NAS September 13
    - One K-Loader arrived St. Thomas September 13 *(DoD Update, September 14, 2017, 1:03 a.m. EDT)*
    - Delivered FAA mobile control tower to St. Thomas, VI
  - Defense Logistics Agency (DLA):
    - 31 generators delivered to Lakehurst, NJ and 11 high-end (1-2 megawatt) generators delivered to Groveland, FL; all 31 forward shipped by FEMA to VI/PR; additional 40 high-end generators (1.2-1.8 megawatt) being sourced for support to FL and GA
    - Delivering 1.2M commercial meals daily to Ellenwood, GA September 11-20, 2017 *(DoD Update, September 13, 2017, 1:54 p.m. EDT)*
    - Diverting 5M meals-ready-to-eat to FEMA Distribution Centers in Fort Worth, TX; Atlanta, GA; and Frederick, MD due to lack of space in original consolidation point
    - Relocating all fuel assets to Camp Blanding, FL for closer support to point of need *(DoD Update, September 14, 2017, 1:03 a.m. EDT)*
- ***National Guard***
  - USVI/PR
    - VI National Guard (VING) developing security plan for St. Thomas and St. John; anticipating more requests for support assets as the military police (MP) arrive on the island by September 14; challenges expected include communications and logistical support for units that are not prepared to be self-sufficient; focusing on establishing effective communication; damage assessments; force capabilities requirements; and identifying sustainment requirements; supporting curfew enforcements to prevent looting; and conducting medical and evacuation air support
    - USVI Joint Operations Center operating with intermittent communications
    - USVI requested assistance for field sanitation, route clearance, field feeding for service members, additional aircraft, and MP support
    - Movement of equipment and personnel with additional response package will move to the USVI Joint Operations Area by September 17 pending Emergency Management Agreement Compact coordination *(NGB Update, September 13, 2017, 9:04 p.m. EDT)*
    - Army National Guard C-130 supporting evacuations of 1,667 U.S. citizens from St. Martin to PR
    - Coordinating Air Movement Control personnel, equipment, and supplies in the USVI: five transport vehicles at airport for transport to St. Thomas; VING members moved to St. John as forward element to receive additional forces; 26th Marine Expeditionary Unit (MEU) Route Clearance arrived at St. Thomas and are conducting operations; Civil Authority Information Support Element arrived to St. Thomas and is coordinating transport of equipment from PR; Red Horse (ANG) unit ready to move to VI if requested by VING
    - 30 remaining prisoners awaiting transport from St. Thomas to St. Croix

- CONUS: Providing security support for 267 shelter locations *(NGB Verbal Update, September 13, 2017, 3:02 p.m. EDT)*

- ***U.S. Department of the Interior (DOI)***
  - FL:
    - Assessing and repairing damaged stream gauges and making discharge measurements; DOI personnel received FL Highway Patrol escort to make emergency discharge measurements on the Santa Fe River at I-75 north of Gainesville to validate gauge observations, assist in NOAA flood forecasting efforts, and assist Florida DOT assessments and operational decisions for traffic on I-75
    - Florida National Guard using National Key Deer Refuge - Big Pine Key Visitor Center on US-1 as a commodity distribution point for citizens
    - Eastern Incident Management Team established command post to coordinate saw and assessment teams; incident action plan to be released September 14
  - Seminole Tribe of Florida: Brighton and Hollywood Reservations remain without power; request for supplemental stock of prescription medications submitted to Indian Health Services
  - Eastern Band of Cherokee (NC): Approximately 400 tribal members affected by power outage in communities of Big Y, Wolf Town, and Big Cove; Indian Health Service shipping equipment to assist with damages *(DoI Update, September 13, 2017, 11:49 p.m. EDT)*

- ***U.S. Department of State (DoS)***
  - PR government officials report no lodging shortfalls for survivors from other Caribbean islands *(IGA Update, September 14, 2017, 1:24 a.m. EDT)*

- ***U.S. Customs and Border Protection (CBP)***
  - USVI/PR
    - Caribbean Air-Marine Branch supporting relief and recovery efforts; 51 rescue and logistical missions complete and five lives saved
    - San Juan Disaster Assistance Recovery Team (DART) Unit conducted twelve missions in USVI; assessments of homes and personal needs, and assessments of CBP facilities to ascertain physical security and IT infrastructure capabilities ongoing
    - Retrieving CBP equipment from the destroyed St. John Ferry Terminal
    - Deployed two Border Patrol agents to Fajardo, PR Port of Entry to assist with entry inspections for survivors arriving from the Lesser Antilles
  - CONUS
    - Air-Marine Branch conducted nine air missions in FL to survey and gather information regarding critical infrastructure
    - An eight member DART unit deployed to provide assistance, equipment, and supplies in Ft. Meyer, FL; four Special Response Team Operators deployed to provide security for a Field Office communications expert who will attempt to restore disabled communications in Marathon, FL *(CBP Update, September 13, 2017, 1:52 p.m. EDT)*

Commodities Tables

- The following commodities are prepositioned in support of the incident at Federal Staging Areas and Incident Support Bases. This list does not include Distribution Centers (DC), and therefore does not include commodities located at the DC in Atlanta, GA.

USVI	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Meal	1,186,624	4,032	210,924	0
Water	667,000	528,470	115,200	0
Sheeting	15,000	1,498	0	0
CUSI	70	5	0	0
Cot	0	150	0	0
JFO	0	2	0	0

PR	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Meal	1,300,000	600,467	431,612	36,466
Water	2,014,000	1,133,568	0	0
Cot	6,500	6,060	0	0
Generators	30	30	0	0
CUSI	184	184	280	282

FL	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Meal	4,008,433	17,136	1,958,406	835,505
Water	4,791,838	69,409	1,464,263	583,853
Sheeting	55,000	0	0	0
Fuel	70,000	7,000	82,520	82,520
CUSI	686	24	90	0
Generators	431	5	313	121
Tarp	95,653	101,020	0	0
Cable	3	0	0	0
TRANS	2	0	0	0

GA	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Meal	12,000,000	0	706,662	721,638
Fuel	291,418	0	0	0
Generators	30	0	30	30
Trans	2	0	0	0

NC	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Water	3,387,378	19,152	3,911,093	2,246,217
Meal	1,776,904	17,136	1,992,746	366,745
Blanket	40,000	0	44,832	21,947
Tarp	26,410	0	26,900	0
Other	500	0	0	1
Generators	94	0	83	57
Cot	0	0	2,389	2,677
CUSI	0	0	13	13
THU	0	0	0	11

SC	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Meal	7,814,396	143,184	2,685,034	1,589,914
Water	1,800,000	0	1,891,374	1,339,834
Other	225	0	0	0
CUSI	87	0	0	0
Trans	2	0	0	0

AL	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Water	31,504,245	3,175,793	22,128,380	16,709,873
Meal	14,367,169	25,536	15,168,542	7,281,401
Tarp	118,248	0	116,493	1,942
Blanket	53,676	0	53,676	47,801
Hygiene	50,000	0	50,000	50,700
Cot	20,385	0	20,984	19,496
Sheeting	25,965	2,016	16,997	8,808
Other	500	0	0	0
Generators	205	0	223	0
Trans	200	0	0	0

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

USVI	Ordered To State / Territory	Shipped To State / Territory
Meal	861,596	578,543
Water	653,618	115,200
Cot	450	150
CUSI	55	2
Generators	28	36
Sheeting	28	13,666
Tarp	0	150

PR	Ordered To State / Territory	Shipped To State / Territory
Water	3,600	3,600
Cot	2,150	2,252
Generators	4	0

FL	Ordered To State / Territory	Shipped To State / Territory
Meal	4,699,272	6,624,993
Water	3,692,176	4,622,484
Fuel	175,000	0
Tarp	20,000	15,671
Sheeting	36,723	8,587
Blanket	5,875	5,875
Cot	624	624
Clothing	400	400
Generators	112	41
CUSI	90	90
Computer	75	0
Cable	7	0
TRANS	1	0

GA	Ordered To State / Territory	Shipped To State / Territory
Water	957,456	912,624
Meal	602,592	603,144
Blanket	20,000	22,885
Cot	12,700	12,505
Tarp	28,004	26,702
JFO	1,450	1,428

Note: Some commodities have been transferred to USVI; RSS is in the process of establishing formal accounting of commodities transferred to the territory.

(ESF 7 Update, September 14, 2017, 12:30 a.m. EDT)

FEMA Logistics Pre-Positioned Sites - CONUS Commodities as Reported 9/14/2017 – 0300 EDT

Logistics

Puerto Rico / Virgin Islands

FSA-San Juan, PR
Water (liters): 0 (0 TLs)
Meals (ea.): 0 (0 TLs)
Infant Kits (ea.): 260
CMS Kits (ea.): 20
DME Kits (ea.): 0

PPS-St. John, VI
Water (ea.): 0 (0 TL)
Meals (ea.): 0 (0 TL)
PPDs 20ft (ea.): 1

ISB-Rafael Hernandez, Intl Airport

DC-Caribbean, PR
Water (liters): 69,300 (5 TLs)
Meals (ea.): 284,256 (13 TLs)
EDS Cots (ea.): 0 (0 TLs)
Blankets (ea.): 6,018 (1 TL)
Generators (ea.): 35
Blue Roof (rolls): 288 (0 TLs)
Tarps (ea.): 13,122 (5 TLs)
Infant Kits (ea.): 7
CMS Kits (ea.): 4
DME Kits (ea.): 4
JFO Kits (ea.): 3

PPS-St. Thomas, VI
Water (liters): 0 (0 TLs)
Meals (ea.): 0 (0 TLs)
Tarps (ea.): 0
PPDS 20ft (ea.): 3
Blue Roof (rolls): 0

ISB- Jose Aponte de la Torre Airport

PPS-St. Croix, VI
PPDS 20ft (ea.): 3
Water (liters): 0 (0 TLs)
Meals (ea.): 0 (0 TLs)

A N ADA

PPS-Maynard, MA
JFO Kits (ea): 4

ISB - Maxwell AFB, AL
Water (liters): 5,913,161 (411 TLs)
Meals (ea.): 6,367,475 (299 TLs)
Cots (ea.): 19,496 (28 TLs)
Blankets (ea.): 47,801 (11 TLs)
Blue Roof Sheeting (rolls): 8,808 (14 TLs)
Tarps (ea.): 1,942 (1 TLs)
Hygiene Kits: 100,312
Generators: 5

ISB-Camp Beauregard, LA
Water (liters): 0 (0 TLs)
Meals (ea.): 0 (0 TLs)
Cots (ea.): 0 (0 TLs)
EDS Cots (ea.): 0 (0 TL)
Tarps (ea.): 1,560 (1TLs)

ISB – Fort Bragg, NC
Water (liters): 2,246,217 (568 TLs)
Meals (ea.): 366,745 (17 TLs)
Cots: 2,677 (4 TLs)
Blankets (ea.): 21,947 (5 TLs)
Generators: 55
Tarps (ea.): 0 (0 TLs)
Infant Kits(ea.): 10
CMS Kits (ea.): 1
DME Kits (ea.): 2

ISB-Randolph AFB Auxiliary, TX
Water (liters): 5,950,425 (413 TLs)
Meals (ea.): 1,391,602 (65 TLs)
Cots (ea.): 624 (1 TLs)
Blankets (ea.): 5,875 (1 TLs)
Generators (ea.): 99
Blue Roof Sheeting (rolls): 8,064 (13 TLs)
Tarps (ea.): 3,120 (1 TLs)
Hygiene Kits: 10,560
Infant Kits (ea.): 48
CMS Kits (ea.): 0
DME Kits (ea.): 1
JFO Kits (ea.): 2

PPS-Denver, CO
JFO Kit: 2

ISB - Marine Corps Logistics Base (MCLB) Albany GA

PPS-Camp Minden, LA
Cots (ea.): 16,717 (24 TLs)
Blankets (ea.): 44,144 (10 TLs)

FSA-Lufkin, TX

FSA – Northfield, SC
Water (liters): 1,339,834 (93 TLs)
Meals: 1,589,914 (75 TLs)

FSA- Chase Field, TX
Water (liters): 2,027,082 (141 TLs)
Meals (ea.): 1,091,748 (51 TLs)
Tarps (ea.): 14,555 (6 TLs)
Cots (ea.): 16,182 (23 TLs)
Blankets (ea.): 47,000 (10 TLs)
Hygiene Kits (ea.): 171,040
DME Kits (ea.): 1

FSA - College Station, TX
Generators (ea.): 4

FSA – Estes, Atlanta, GA
Water (liters): 0 (0 TLs)
Meals (ea.): 721,638 (34 TLs)

PPS -Albany, GA
Blankets (ea.): 7,432 (2 TLs

FSA – Craig Field, AL
Water (liters): 8,130,693 (565 TLs)

PPS - Valdosta, GA
Blankets (ea.): 929 (1 TL)

ISB- Randolph AFB
Water (liters): 1,918,111 (133 TLs)
Meals (ea.): 943,562 (44 TLs)
EDS Cots (U/I): 246 (1 TLs)
Hygiene Kits: 0
Infant Kits (ea.): 28
DME Kits (ea.): 2

PPS-Thomasville, GA
JFO Kits (ea): 2

FSA - Beaumont, TX
Water (liters): 892,040 (62 TLs)
Meals (ea.): 745,188 (35 TLs)
Blanket (ea.): 5,875 (1 TLs)

ISB - Groveland FL
Water (liters): 583,853 (41 TLs)
Meals: 835,505 (39 TLs)
Generators (ea.): 26

ISB – Lakeland, FL
Generators (ea.): 118

M E X I C O

0 100 200 300 400 miles

DC (Distribution Center)
FSA (Federal Staging Area)
PPS (Pre-Positioning Site)
ISB (Incident Support Base)
Joint DC/MHU (Mobile Housing Unit)

CMS - Consumable Medical Supplies
DME - Durable Medical Equipment
EDS - Enhanced Disaster Survivor
PPDS - Pre-Positioned Disaster Supplies

TL = Commodity by 53 ft trailer load:

Source: DMD - Supply Chain Integration Branch

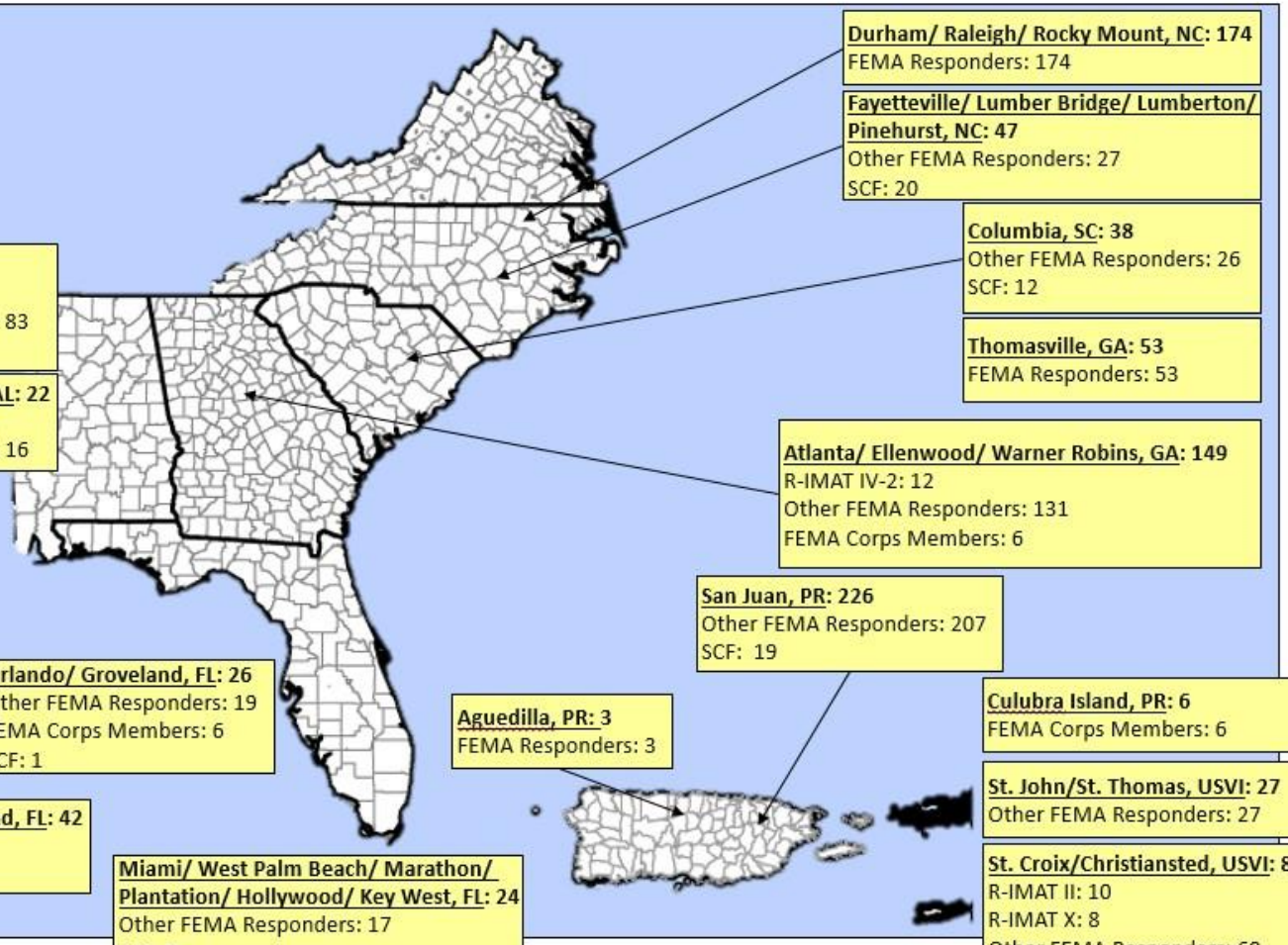
MSB-OCIO-AEES, Enterprise Geospatial Information Services (EGIS)

MapID 27e0ae12c860830171649hqprod

Hurricane Irma – FEMA Responder Laydown (as of Sep 14, 2017 0200)

Total FEMA Supporting Hurricane Irma Actions

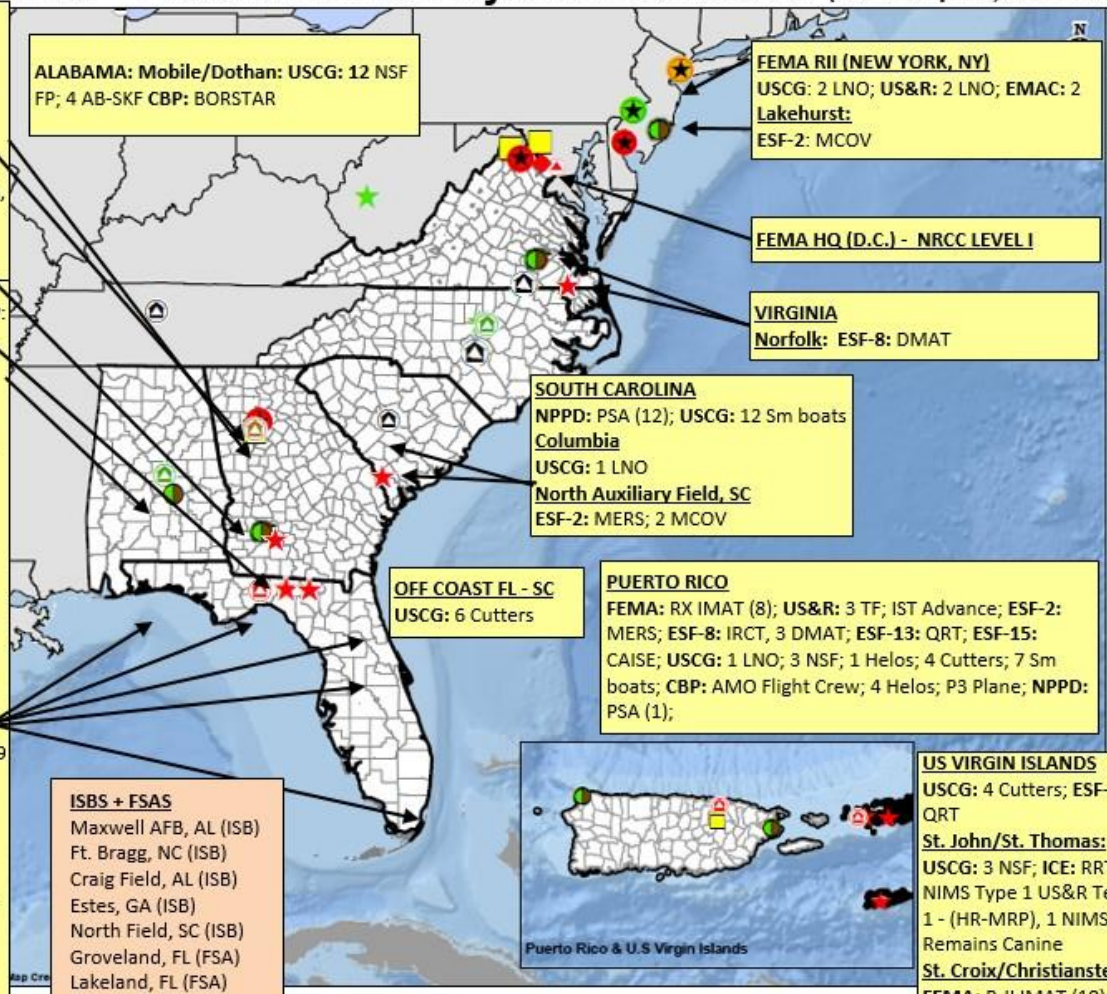
Responders on the Ground: 2068
FEMA Corps Members available to support: 22
Other FEMA staff supporting: 582
- R1 RRCC: 13
- R2 RRCC: 98
- R4 RRCC: 143
- NRCC: 326
- FEMA Corps Members (HQ): 5



Hurricane Irma – Federal Force Laydown & Assets (as of Sep 14, 2017 0500)

GEORGIA: NPPD: PSA (19); CS&C-NCC (2);
FEMA RIV (Atlanta, GA) – RRCC: ESF-8: IRCT; **US&R:** 2 LNO; **USCG:** 2 LNO; **EMAC:** 2; **TSA**: 14 VIPR; 26 TSST(ATL Airport) **Atlanta EOC: FEMA:** RIV IMAT-2 (12); **EMAC:** 1
Warner Robins: US&R: 4R-IMAT IV-2: 12, 4 NIMSType1US&R, 1 HEPP
Moody AFB (Valdosta): ESF-4: 17 IMT; **ESF-13:** FCC; **USFS:** IMT; **CBP:** QRT, ESF-9: 4-NIMS Style 1 US&R Teams, 1 HEPP
Savannah: USCG: 4 Helos; **ESF-2:** 2 MCOV
Thomasville: ESF-2: 2 MCOV

FLORIDA: NPPD: PSA (89); CS&C-NCC (1); **ICE:** 4 RRT; **CBP**: 3 P3 Planes; **USCG:** 1 Cutter w/Helo; **ESF-13:** 24 QRT
Airports : TSA: 15 TSST (PBI); 81 TSST (TBA); 118 TSST(MIA)
Tallahassee: FEMA: N-IMAT E1 & E2 (27); RIV-IMAT 1 (11), RI IMAT (12); **EMAC:** 4; **US&R:** 2 LNO; **ESF-2:** MERS, MCOV; **USCG:** 4 State EOC, **Pensacola: CBP:** 15 Helos; DART
Valparaiso (Eglin AFB): CBP: 25 SRT
Jacksonville/ Lake City: ESF-2: MERS, MCOV ; **ESF-4**: IMT; **USCG:** 5 Helos, 19 Sm boats; 10 WRFP,
St. Augustine: US&R: IST, ESF-9:1 Red Incident Support Team
Kissimmee/Orlando: ESF-2: 3 MERS; **ESF-8**: 2 SAT; 10 DMAT; 3 RDF; 1 DMORT; 1 MOB; **ESF-13**: FLC; **CBP:** UAS; ESF11: USDA 13, ESF-9: 1 Incident Support Team
Orange County: TSA: 14 VIPR
St. Pete/Clearwater/DeSoto: USCG: 9 Helos; 4 Planes; 19 Sm boats, 1 NIMSType1US&R
Pasco County: ESF-8: DMAT
Marco Isle: US&R: 1; **ESF-2:** MERS, MCOV;
Lakeland: ESF-2: 5 MCOV
Miami/Marathon/Plantation/West Palm Beach/Key West/Ft Myers: US&R 3; **ESF-2:** 2 MERS; **USCG:** IMT; 16 NSF; 6 Sm boats; 4 Helos; 5 Planes; 3 Cutters w/Helo; **CBP:** DART x2; Plane; Helo; **ESF-8:** 3 RDF, DMAT, 3 NIMS Type1US&R, 2 HEPP,



US VIRGIN ISLANDS
USCG: 4 Cutters; **ESF-2:** 4 MERS; NPPD: 24, **ESF-13:** 3 QRT
St. John/St. Thomas:
USCG: 3 NSF; **ICE:** RRT; **CBP**: DART; OIT, ESF-9:1 - NIMS Type 1 US&R Team
1 - (HR-MRP), 1 NIMS Type1US&R, 1 Human Remains Canine
St. Croix/Christiansted:
FEMA: R-II IMAT (10); **USCG:** 1 LNO

Recovery Snapshot
Post-Tropical Cyclone Harvey
Thursday, September 14, 2017 (5:00 a.m. EDT)
Updates in Blue

Declaration Activity

- Amendment No. 2 to FEMA-3382-DR-LA, effective September 13, 2017, closes the incident period to September 10, 2017 *(FEMA email, Amendment Update, September 13, 2017, 3:00 p.m. EDT)*

Housing

Individual Assistance

Individual Assistance *(as of 09/13/2017, 7:02 pm EDT)*

State	Total Registrations	Total IHP$	Housing Assistance $	ONA $
Texas	733,135	$371,764,379	$235,546,064	$136,218,315

FEMA Inspections

Housing Inspections *(as of 09/13/2017, 7:02 pm EDT)*

State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Texas	2,088	377,114	118,395	31.4%

Transitional Shelter Assistance (TSA)

Transitional Sheltering *(as of 09/13/2017, 3:10 pm EDT)*

State	Currently Checked In to Hotel	Currently Eligible
Texas	21,638	290,826

National Flood Insurance Program Claims Estimates

NFIP Claims Estimate *(as of 09/13/2017, 1:13 pm EDT)*

State	Claims Submitted	Advanced Payments to Insured Survivors
Texas	84,400	$204M
Louisiana	400	$545,000

Housing Programs

SBA Home Loans *(as of 09/13/2017, 1:13 pm EDT)*

State	Applications Received	% Processed	Applications Approved	Loan $ Approved	Average Loan Amount
Texas	16,957	66%	1,494	$131,992,000	$88,348

US Department of Housing and Urban Development (HUD)*

Hurricane Harvey - Texas	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454	0	2,146	0
Public and Indian Housing	42	0	812	0
Healthcare and Hospitals	40	994	0	492
Total	536	994	2,958	492

* (No change from 9/8/2017, HUD reports that new data will be presented twice per week, on Tuesdays and Fridays, starting Tuesday, September 12, 2017).

Infrastructure Systems *(FEMA Recovery Update, September 12, 2017, 4:00 pm EDT)*

- **Debris Removal**
  - Debris SME teams are helping local government define debris removal requirements and are monitoring removal operations
  - Several counties have requested discussions with USACE on debris operations *(ESF-3 Update, September 13, 2017, 1:08 p.m. EDT)*
- **Water and Wastewater**
  - Texas Commission on Environmental Quality (TCEQ) and EPA have completed surveys of 4,852 drinking water facilities and 2,908 wastewater facilities in the impacted area found 37 Severe Damage, 30 Medium Damage, 248 Minor Damage
- **Aviation**
  - Sixty-three FAA employees continue to report impacts from the flooding; eleven employees are living in temporary quarters
- **Highway**
  - FHWA-TX Division engineers (9) are going to Houston (5), Yoakum (2) and Corpus Christi (2) the week of September 11, 2017 to begin completing damage assessments jointly with TxDOT staff
- **Maritime**
  - USTS General Rudder at Galveston, TX; FEMA responders on board
  - Beaumont Reserve Fleet (BRF) is conducting recovery operations
- **Pipeline/HAZMAT**
  - US Department of Transportation Pipeline and Hazardous Materials Safety Administration communicating with Shell Pipeline regarding their potential release in the Trinity River due to Hurricane Harvey. Shell conducted pressure testing on their line on September 10, 2017, but the results were inconclusive. Shell is currently evaluating their next steps, but has Oil Spill Removal Organizations on standby to respond if necessary
- **Rail**
  - All southeast Texas industrial leads have returned to service except two on the Union Pacific (UP) Railroad. The two UP bridges sustained significant damages; no return-to-service date has been established
  - Amtrak route between San Antonio and New Orleans expected to resume on September 15
- **Oil and Gas**
  - Four refineries in the Gulf Coast region were shut down, according to public reports. These refineries have a combined refining capacity of 734,300 b/d, equal to 7.6% of total Gulf Coast (PADD 3) refining capacity and 4.0% of total U.S. refining capacity. One refinery began restarting since the last report.
  - Seven refineries are in the process of restarting after being shut down. Production should be assumed to be minimal until restart is completed. These refineries have a combined capacity 2,479,899 b/d, equal to 25.6% of total Gulf Coast (PADD 3) refining capacity and 13.4% of total U.S. refining capacity. One refinery began restarting since the last report. At least four refineries in the Gulf Coast region were operating at reduced rates, according to public reports. *(DoE Sit Rep, September 11, 2017, 8:30 a.m. EDT)*

Economic Recovery

SBA Business Loans (as of 09/13/2017, 1:13 pm EDT)					
State	Applications Received	% Processed	Applications Approved	Loan $ Approved	Average Loan Amount
Texas	1,426	58%	134	$11,603,400	$86,593

- **USDA's Natural Resources Conservation Service**
  - While NRCS continues to assess programs and services, NRCS is unable to make a full assessment at this time on damages and economic impacts of Hurricane Harvey. Some actions to date:
  - Texas NRCS participates in Debris Removal Taskforce working on messaging to help landowners and community leaders.

- A Toll free number has been established at the Texas State Office to route calls and a joint USDA Risk Management Agency/Farm Service Agency/NRCS press release on Hurricane Recovery has been prepared for Texas.
- Direct engagement of Texas NRCS local personnel with farmers and ranchers affected by the hurricane - 101 employees are now dedicated to Hurricane Response so their regular duties have been curtailed to assist with disaster response and provide technical assistance.
- 2 special Environmental Quality Incentives Program (EQIP) sign-ups are being offered in Texas
  - $2 million approved for animal carcass disposal assistance following the standards and specification of Emergency Animal Mortality Management (sign-up began 9/6/2017).
  - $35 million requested for conservation practices to address hurricane impacts.

 USDA Risk Management Agency

- Due to the destruction of communication lines and the limited ability to travel in the impacted areas, many USDA RMA policyholders are unable to communicate with their agents to report losses within the Common Crop Insurance Policy, Basic Provisions (17-BR) 72 hour requirement.
- RMA has authorized Approved Insurance Providers to consider individual circumstances in accepting delayed notices of loss. Initial reportable numbers are not yet available.

- **Agricultural Marketing Service's Cotton and Tobacco Program**, based in Memphis, TN, facilitates the domestic and international fair marketing of cotton and tobacco through a variety of services used by industry to measure quality, ensure consistency and report market activity. The Program maintains a National Database (NDB) that allows owners or authorized agents of owners to retrieve classing data from the current crop and/or the previous four crops. The NDB stores classing information from all 10 regional classing offices.

 The **AMS Cotton & Tobacco** Program reports the following:

- After the impact of Harvey to the South Texas area we are currently estimating a 25% loss of cotton due to the storm damage and have begun to see some impacts of quality loss to the seed cotton that was exposed to flooding and water damage.

- **Texas USDA Farm Service Agency programs/services that have been "turned on" to aid with disaster recovery within agricultural and/or rural communities**
  - Livestock Indemnity Program (LIP)
  - Emergency Assistance for Livestock, Honeybees, and Farm-Raised Fish Program (ELAP)
  - Tree Assistance Program (TAP)
  - Emergency Conservation Program (ECP)
  - Emergency Loans (EM)
  - Noninsured Crop Disaster Assistance Program (NAP)