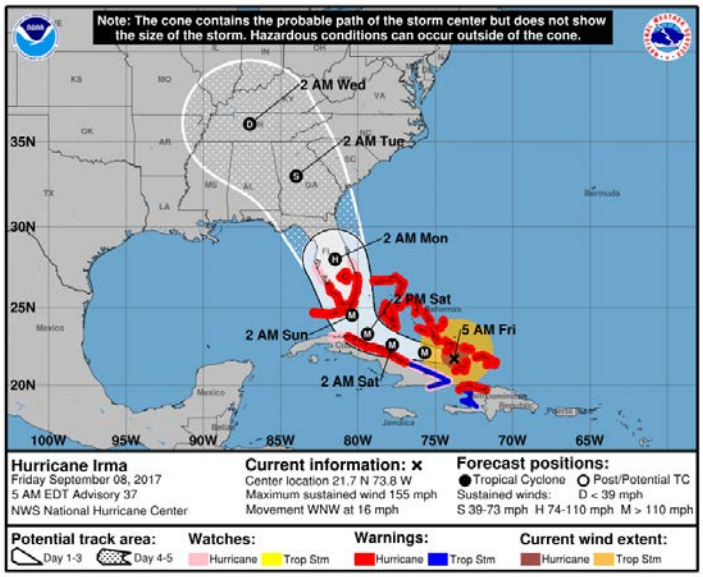
Senior Leadership Briefing
Hurricane Irma
Friday, September 8, 2017 (5:00 a.m. EDT)
Updates in Blue

Current Situation:

At 5am EDT, Hurricane Irma was located 495 miles southeast of Miami, Florida with maximum sustained winds of 155 mph and a minimum central pressure of 925 mb.

Irma is moving toward the west-northwest near 16 mph, and this motion is expected to continue for the next day or so with a decrease in forward speed. A turn toward the northwest is expected by late Saturday. On the forecast track, the core of the hurricane will be near the Florida Keys and the southern Florida Peninsula Sunday morning. Irma is forecast to remain a powerful category 4 Hurricane during the next couple of days.
(NOAA Update, September 8, 2017, 5:13 a.m. EDT)



Impact Summary:

- **U.S. Virgin Islands**
  - Shelters:
    - Six shelters open with a population of 298 *(ESF-6 Update, September 7, 2017, 8:23 a.m. EDT)*
    - Flooding compromising conditions at two emergency shelters: E. Benjamin Oliver Elementary School shelter and Eldra Schulterbrandt Facility; one shelter evacuated to a nearby facility and the other has been consolidated with another shelter *(Region II updated, September 7, 2017, 4:00 p.m. EDT)*
  - Critical Infrastructure:
    - Air: St. Croix airport and runway operational. St. Thomas airport is non-operational, air traffic manager reports generator is operational but there is heavy damage to the terminal and surrounding infrastructure, no estimate for reopening date at this time *(FAA Update, September 8, 2017, 1:54 a.m. EDT)*
    - Ports: Christiansted, St. Croix open daylight only; Closed: St. Thomas (all); Cruz Bay, St. John; Fredericksted, St. Croix *(ESF-1 Update, September 8, 2017, 1:54 a.m. EDT)*
    - Power: St. John and St. Thomas are in blackout condition; Randolph Harvey power station in St. Thomas fully offline; customers without power include St. Thomas 19, 581; St. Croix 9,080; and St. Johns 2,893 *(ESF-12 Update, September 7, 2017, 2:21 p.m. EDT)*
    - Fuel/Gas: St. Croix fuel supply is 13 days for diesel and 15 days for petroleum gas; St. Thomas fuel supply is 18 days for diesel and 20 days for petroleum gas *(ESF-12 Update; September 5, 2017, 8:30 a.m. EDT)*
    - Hospitals: Juan Luis Hospital in St. Croix has communication lines down, hospital experiencing leaks, but is operating *(Interagency VTC, September 7, 2017, 12:30 p.m. EDT)*

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        - Hospital currently generating its own electricity *(FEMA Region II IMAT Situation Report, September 6, 2017, 10:26 p.m. EDT)*
    - Emergency Services:
        - Roof collapsed at the Lima Company Fire Station in Annas Retreat, USVI causing injuries to two first responders *(St. Thomas VI Joint Information Center Press Release, September 6, 2017, 5:35 p.m. EDT)*
        - St. John EOC experienced critical damage *(Region II IMAT Situation Report, September 6, 2017, 6:00 p.m. EDT)*
- **Puerto Rico**
    - Shelters: 8 shelters open with a population of 122 *(American Red Cross Update, September 8, 2017, 3:39 a.m. EDT)*
    - Critical Infrastructure
        - Air: San Juan Airport is open for all operations *(ESF-1 Update, September 8, 2017, 1:54 a.m. EDT)*
        - Ports: Guayama open only to tugs and barges; Mayaguez open in daylight only; Culebra and Arecibo are closed *(ESF-1 Update, September 8, 2017, 1:54 a.m. EDT)*
        - Public Transit System: Service suspended: Puerto Rico Highway & Transportation Authority; Autoridad de Transporte Integrado; Maritime Transportation Authority (ferry service) *(ESF-1 Update, September 8, 2017, 1:54 a.m. EDT)*
        - Power: Reported 1,044,289 customers without power *(ESF-12 Update, September 7, 2017, 2:21 p.m. EDT)*
        - Water: 221,000 households and businesses without water; outages are suspected to be linked to power outages *(Region II SWEAT Report, September 7, 2017 11:47 a.m. EDT)*
        - Communications: 911 for cellular phones is down *(ESF-2 Update, September 7, 2017, 1:07 a.m. EDT)*
- **Florida**
    - Evacuations: Mandatory evacuations in place for Miami-Dade, Broward, Collier, and Monroe *(Florida Division of Emergency Management website, September 7, 2017, 2:30 p.m. EDT)*
    - Shelters: 27 shelters open with a population of 1,477 *(American Red Cross Update, September 8, 2017, 3:39 a.m. EDT)*
        - 2,324 hurricane approved shelters identified to a population of up to 1,087,591; FL plans to begin opening shelters on September 8, 2017
        - 4,000 Florida National Guard members and 17,000 volunteers to support shelter operations; ARC is working with the State of Florida to train state personnel to assist in shelter operations *(ESF-6 Update, September 7, 2017, 11:56 p.m. EDT)*
    - Critical Infrastructure
        - Air: Key West Tower has been evacuated and closed until 9/21 *(ESF-1 Update, September 8, 2017, 1:54 a.m. EDT)*
        - Railways: Amtrak will not operate between Miami and Orlando from September 8-10, 2017 *(ESF-1 Update, September 7, 2017, 12:51 a.m. EDT)*
        - Ports: Miami, Port Everglades, Palm Beach, Port Canaveral, Key West are closed to inbound traffic as of 8:00 p.m. September 8, 2017; multiple movable bridges will lock down preventing vessel movement starting September 8, 2017 *(ESF-1 Update, September 8, 2017, 1:54 a.m. EDT)*
        - Power: DOE Argonne National Lab power outage prediction model estimates approximately 2,549,000 customer outages across Florida, based on the 8:00 a.m. EDT forecast from the National Hurricane Center on September 7 *(ESF-12 Update, September 7, 2017, 4:00 p.m. EDT)*
        - Schools: 26 (35%) of 74 school districts in FL issued closure notifications and 13 (18%) of 72 higher education institutions in FL issued closure notifications; all closures are in the southern part of FL *(FEMA Spot Report: Hurricane Irma Evacuations and Closings Data, September 6, 2017, 10:30 p.m. EDT)*
- **Georgia**
    - Evacuations: Mandatory evacuation order for all areas east of I-95, all of Chatham County and some areas west of I-95 that could be impacted by potential storm surge from Hurricane Irma *(State of Georgia Press Release, September 7, 2017, 8:00 p.m. EDT)*
    - Shelters: one shelter open with a population of four *(American Red Cross Update, September 8, 2017, 3:39 a.m. EDT)*

Declaration Activity:

State/Region	Declaration	Declared Counties	
Region II		IA	PA
U.S Virgin Islands	9/7: ***DR-4335***	St. Thomas and St. John	All
Puerto Rico	9/5: ***EM-3384***	-	-
Region IV		IA	PA
Florida	9/5: ***EM-3385***	-	-
South Carolina	9/7: ***EM-3386***	-	-

Federal Force Laydown:

Department/Agency	Personnel Deployed	Department/Agency	Personnel Deployed
FEMA – Deployed	493 (+68)	National Weather Service- NOAA	29 (0)
FEMA – Other Support	621 (+81)	National Guard	2,267 (-15)
Urban Search & Rescue	1,299 (+512)	DOD – Title 10	2,355 (+2,260)
Health and Human Services	88 (0)	General Services Administration*	-
Department of Transportation	25 (0)	U.S. Army Corps of Engineers	45 (0)
United States Coast Guard*	-	Department of the Interior	104 (-5)
DHS – NPPD*	-	USDA - U.S. Forest Service	20 (0)
Department of Energy	12 (+3)	Small Business Administration (SBA)*	- -
US Department of Agriculture	7 (0)	Transportation Security Administration	16 (+16)
Law Enforcement (ESF 13)	49 (-3)	Housing and Urban Development*	-
Customs and Border Protection	102 (0)	Department of State	0 (0)
Civil Air Patrol	0 (-47)	Environmental Protective Agency (EPA)*	-
Immigration and Customs Enforcement*	- -	**Total**	**7,566 (+2,870)**

**Number of Personnel Unknown/Not Reported*
(Situational Awareness Info Analysis, September 7, 2017 4:40 p.m. EDT)

FEMA Headquarters:

- **Recovery:**
  - 12,964 total households are currently expected to register for FEMA assistance in the U.S. Virgin Islands *(Recovery Reporting and Analytics Division Update, September 7, 2017, 5:31 p.m. EDT)*
  - Surge staffing continues for FEMA's Strategic Workforce Augmentation Team (SWAT) taking calls from three NPSCs, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; a total of 4,157 call center agents are expected to be online today *(Recovery Contact Center Surge Staffing Timeline, September 7, 2017, 6:39 p.m. EDT)*
  - Four Disaster Survivor Assistance (DSA) Task Forces established, to include 15 FEMA Corps teams supporting DSA and Disaster Recovery Center operations *(FEMA Region IV Update, September 6, 2017, 1:04 a.m. EDT)*
- **Federal Insurance and Mitigation Administration**
  - Flood insurance hotline 1-800-427-4661, operating 7 a.m. to 11 p.m. EDT daily *(FIMA email, September 7, 2017, 12:14 p.m. EDT)*
  - Flood insurance Policies in Force in the projected path of Hurricane Irma:
    - USVI has approximately 1,400
    - PR has approximately 6,000
    - FL has approximately 1.7 million
    - GA: Approximately 86,000

- SC: Approximately 204,000 *(FIMA Update, September 8, 2017, 12:00 a.m. EDT)*

- Mutual Aid: USVI, NC, SC, GA, and FL have active EMAC events open:
  - USVI: 1 request, 1 state supporting
  - FL: 32 requests, 14 states supporting
  - GA: 1 request, 1 state supporting
  - SC: 10 requests, 4 states supporting
  - NC: 7 requests, 1 state supporting *(EMAC SitRep #25, September 8, 2017, 1:00 a.m. EDT)*
- Commodities at ISBs and Pre-Positioning Sites (PPOs):

Commodities Staged in Maxwell, AL

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Generators	201	123 (+88)	0	0
Meals	7,884,978 (+6,500,000)	2,468,374 (+1,390,368)	0	0
Sheeting	17,965	7,169 (+4,570)	0	0
Tarps	118,248 (+100,000)	13,868 (+12,308)	0	0
Water (Liters)	12,764,954 (+9,000,000)	4,854,552 (+2,391,909)	0	0
Blankets	53,676	41,926 (+41,926)	0	0
Cots	20,385	13,741 (+12,289)	0	0
Hygiene	50,000	50,000 (+50,000)	0	0

Commodities Staged in Fort Bragg, NC

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Meals	1,500,000 (+1,500,000)	0	0	0
Water (Liters)	3,000,000 (+3,000,000)	112,896 (+112,896)	0	0
Generators	91 (+91)	0	0	0

Commodities Staged in Fort Dix, NJ

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Meals	1,086,696 (+1,086,696)	0	0	0
Water (Liters)	(-1,705,944)	16,128 (+16,128)	0	0
Cots	10,000	0	0	0
Generators	35 (+35)	0	0	0

Commodities Staged in Fort Hill, VA

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Meals	250,000	0	0	0
Water (Liters)	400,000	0	0	0
Blankets	4,500	0	0	0
Cots	2,491	0	0	0
Infants/Toddler Kits	20	0	0	0
Durable Medical Equipment (reusable)	1	0	0	0
Consumable Medical Supplies (one-time use)	1	0	0	0

Commodities Staged in St. Thomas, USVI

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Meals	1,082,944	93,940	0	0
Water (Liters)	54,000	48,600	0	0
Infants/Toddler Kits	70 (+70)	0	0	0

Commodities Staged in St. Croix, USVI

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Meals	82,944	96,824	0	0
Water (Liters)	54,000	48,600	0	0

Commodities Staged in St. John, USVI

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Meals	20,736	20,160	0	0
Water (Liters)	18,000	18,000	0	0

Commodities Staged in Crowley Shipping Port, NJ

Product	Number Ordered	Arrived - ISB/FSA	En route to State	Released to State
Water (Liters)	0	352,512 (+352,512)	0	0

Commodities staged in DC-Caribbean, PR

Product	Number Ordered	Arrived - Distribution Center	En route to State	Released to State
Meals	0	289,632	0	0
Water (Liters)	0	603,170	0	0
Blankets	0	6,018	0	0
Cots	0	970	0	0
Infants/Toddler Kits	0	7	0	0
Durable Medical Equipment (reusable)	0	4	0	0
Consumable Medical Supplies (one-time use)	0	4	0	0

(ESF-7 Update, September 8, 2017, 5:24 a.m. EDT)

FEMA Region I:

- RRCC at Level III (day shift only)
- Region I Incident Management Assistance Team (IMAT): Released from VT and currently at RRCC, preparing to deploy depending on Irma's track *(FEMA Region I Update, September 7 2017, 11:00 a.m. EDT)*

FEMA Region II:

- RRCC at Level I day shift, Level II night shift, with full ESF support during the day and partial at night *(Region II SitRep,, September 8, 2017, 12:00 a.m. EDT)*
- FEMA Region II IMAT locations:
  - Region II IMAT: St. Croix, USVI
  - Region X IMAT: San Juan, PR *(FOD Update, September 8, 2017, 1:00 a.m. EDT)*
- Staff from the FEMA Caribbean Area Division in PR to provide support to Commonwealth and local officials
- **U.S. Virgin Islands:**
  - Virgin Islands Territorial Emergency Management Agency (VITEMA) Emergency Operations Center (EOC) sustained damage but has intermittent internet and cell phone access *(Region II update, September 7, 2017, 4:00 p.m. EDT)*
  - Governor declared a State of Emergency and activated USVI National Guard into active military service *(USVI Government House, September 4, 2017, 4:18 p.m. EDT)*
- **Puerto Rico:**
  - EOC at Level IV, full activation *(Region II Watch Center, September 6, 2017, 3:00 p.m. EDT)*
  - Governor declared a State of Emergency and activated PR National Guard for emergency support *(FEMA Region II Leadership Briefing, September 4, 2017, 6:00 p.m. EDT)*

- PR Aqueducts and Sewer Authority identified facilities with 24 backup generators for potable water pump stations and sanitary systems that could be employed during response operations *(Region II Rolling Update, September 6, 2017, 10:50 a.m. EDT)*

FEMA Region III:

- RRCC at Level III (day shift only, with select ESFs) *(FEMA Region III Update, September 6, 2017, 3:17 p.m. EDT)*
- VA EOC: Partial Activation
- DE, DC, MD, PA, and WV EOCs at Steady State

FEMA Region IV:

- RRCC at Level I (Full Activation) *(Region IV, September 7, 2017, 1:42 p.m. EDT)*
- Region IV IMAT 1 and N-IMAT East 2 at FL EOC; Region IV IMAT-2 at SC EOC
- Region IV Liaison Officers (LNO) on site at EOCs in FL, GA, NC, and SC (1 each) *(Region IV, September 7, 2017, 1:42 p.m. EDT)*
- Regional Risk Analyst/Hurricane Liaison Team (HLT) is active at National Hurricane Center *(Region IV, September 7, 2017, 1:42 p.m. EDT)*
- National IMAT East-1 is staging in Atlanta, GA *(FOD Update, September 8, 2017, 2:00 a.m. EDT)*
- **Florida:**
  - EOC at Level I (Full Activation) *(Florida State Watch Office Morning Sit. Rep., September 7, 2017, 1:42 p.m. EDT)*
  - State of Emergency declared for 67 counties *(FEMA Region IV SITREP #1, September 5, 2017, 7:44 p.m. EDT)*
  - Seminole Tribe of Florida at Level 2 (Partial Activation); all ESFs will be activated September 8
    - All five shelters will open September 8; offices and schools to be closed September 8 *(Georgia Emergency Management and Homeland Security Agency, September 7, 2017, at 1:04 p.m. EDT)*
    - Requests for assistance will go directly to FEMA with exception of law enforcement (LE) requests; LE requests will go to the Bureau of Indian Affairs
    - Identification of vulnerable populations underway
  - Miccosukee Tribe of Indians of Florida
    - Pre-landfall preparations 80-90% complete; Concern is shortage of fuel at gas stations - expected delivery has not arrived yet *(Interagency VTC, September 7, 2017, 12:30 p.m. EDT)*
    - Emergency Staffing will shelter in administrative building *(Interagency VTC, September 7, 2017, 12:30 p.m. EDT)*
    - Identification of vulnerable populations underway *(ESF-15 Update, September 6, 2017, 9:51 a.m. EDT)*
- **Georgia:**
  - EOC at Level II (Partial Activation), expecting to go to Level I September 8
  - Governor revised state of emergency to expand to 30 counties *(Georgia Emergency Management and Homeland Security Agency, September 7, 2017, 1:04 p.m. EDT)*
- **North Carolina:** Governor declared state of emergency, effective September 6 *(NC Emergency Management, September 7, 2017, 12:08 p.m. EDT)*
- **South Carolina:** EOC at Monitoring level, will transition to OPCON 3 on September 8 *(Region IV SC LNO, September 7, 2017, 2:00 a.m. EDT)*
- **Tennessee:** Level IV (Monitoring) *(FEMA Region IV Update, September 6, 2017, 1:47 p.m. EDT)*

Interagency Coordination/Response:

- ***ESF-1: Transportation***
  - Transportation Safety Administration (TSA) deployed 16 staff to Fort Bragg, NC *(TSA LNO Report, September 7, 2017, 1:31 p.m.)*
  - FL:
    - Mandatory evacuations impacted traffic less than expected due to earlier self-evacuations *(ESF-1 Update, September 8, 2017, 1:54 a.m. EDT)*
    - Contraflow evacuations not in use at this time;
    - FL Department of Transportation will employ hard shoulder evacuations on designated routes, if warranted, including: Alligator Alley (part of I-75) to east or west; Jacksonville to west; I-4 northeast to Orlando; I-75 north to GA state line *(ESF-1 Update, September 7, 2017, 12:54 a.m. EDT)*
  - PR:

        - Assessments are being conducted today on Puerto Rico ports
        - USCG air lift support to Region II for September 8 is scheduled to be at the Signature Air Terminal at Isla Grande Airport by 7:00a.m. on September 8 *(USCG Update, September 8, 2017, 3:20 a.m. EDT)*
    - USVI:
        - Assessments will start tomorrow for Virgin Island ports *(USCG Update, September 8, 2017, 3:20 a.m. EDT)*
- ***ESF-2: Communications***
    - Thomasville and Frederick Mobile Emergency Response Support (MERS) demobilizing from Harvey response and moving to support Irma response *(ESF-2 Update, September 6, 2017, 8:43 p.m. EDT)*
    - High demand for MERS and Mobile Communications Office Vehicles (MCOV) assets and personnel while still resourcing Hurricane Harvey recovery *(ESF-2 Update, September 8, 2017, 12:38 a.m. EDT)*
    - ESF-2 working with Department of Defense to complete coordination of airlift of Maynard MERS communications assets and personnel to the islands *(ESF-2 Update, September 8, 2017, 12:38 a.m. EDT)*
    - USVI
        - Communications assessments underway; preliminary reports indicate severe damage to the telecommunications infrastructure
        - St. John/St. Thomas: No cell or landline service. Limited internet connectivity. 911 is functional *(ESF-2 Update, September 7, 2017, 11:18 a.m. EDT)*
        - FEMA National Radio System (FNARS) operable in St. Croix, and St. Thomas; St. John status is unknown due to damaged Emergency Operations Center (EOC) *(ESF-2 Update, September 7, 2017, 12:39 p.m. EDT)*
        - Cell Towers:
            - St. Croix: 4 of the 19 (21%) of the cell towers are out of service *(ESF-2 Update, September 7, 2017, 2:10 p.m. EDT)*
            - St. John: 11 of the 12 (92%) of the cell towers are out of service *(ESF-2 Update, September 7, 2017, 2:10 p.m. EDT)*
            - St. Thomas: 32 of the 65 (49%) of the cell towers are out of service; there is no cellular communication off the island, even though half of the towers are reported as operable, indicating there could be switch outages. Cellular users may be able to talk to others within a working tower's coverage area only *(ESF-2 Update, September 7, 2017, 2:10 p.m. EDT)*
    - PR
        - Communications assessments underway; significant impacts reported
        - 911 is operational but there are sporadic wireless outages *(ESF-2 Update, September 7, 2017, 11:18 a.m. EDT)*
        - Cell phone coverage on the island may be degraded, however it is reported to be functional; 56% of the cell towers are out of service *(ESF-2 Update, September 8, 2017, 12:38 a.m. EDT)*
    - CONUS:
        - MERS has deployed to support FEMA IMAT, US&R, ESF-8, and ISB teams in FL, AL, GA, SC, and VA *(ESF-2 Update, September 7, 2017, 12:39 p.m. EDT)*
        - Six MCOVs are en route to support Hurricane Irma requirements *(MERS update, September 7, 2017, 10:00 p.m. EDT)*
- ***ESF-3: Public Works and Engineering***
    - ESF-3 has yet to receive generator install requests
    - ESF-3 has received requests from Virginia, North Carolina, South Carolina, Georgia, and Florida for debris SMEs, Management Cell, temporary power SMEs, and public affairs *(ESF 3 Update, September 7, 2017, 11:00 p.m. EDT)*
    - USVI
        - One United States Army Corps of Engineers (USACE) debris subject matter expert (SME) deployed to St. Thomas to assist FEMA Region II IMAT-B *(ESF 3 Update, September 7, 2017, 10:43 a.m. EDT)*
        - One USACE Power Team (12 personnel) deployed to USVI *(ESF 3 Update, September 7, 2017, 11:00 p.m. EDT)*
    - PR
        - One USACE Power Teams (12 personnel) deployed to PR *(ESF 3 Update, September 7, 2017, 11:00 p.m. EDT)*
        - Two USACE debris SMEs have deployed to San Juan, PR to assist FEMA Region II IMAT-C *(ESF 3 Update, September 7, 2017, 10:43 a.m. EDT)*
        - USACE has a prepositioned survey boat in PR, prepared to deploy *(ESF 3 Update, September 7, 2017, 10:41 a.m. EDT)*

- ***ESF-5: Information and Planning***
  - The US Geological Survey is facilitating the activation of the International Charter for island nations in the Caribbean, Puerto Rico, the U.S. Virgin Islands, and Florida; baseline imagery is being uploaded and post event imagery will be collected and distributed through the Hazards Data Distribution System Explorer *(Department of Interior Update, September 7, 2017, 11:31 p.m. EDT)*
  - Customs and Border Protection Air and Marine Operations air platforms stationed in PR deployed to USVI to conduct air reconnaissance and damage assessments *(CBP Update, September 8, 2017, 12:00 a.m.)*
  - USCG conducted post-storm damage assessment overflight of PR and USVI, results showed significant debris blocking roads, but critical infrastructure appears to be intact overall in PR. Working to reestablish communications with USCG personnel that sheltered in place in St. Thomas and St. Croix *(USCG Update, September 7, 2017, 12:14 p.m. EDT)*
- ***ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services***
  - Working with Region II to determine resource requirements for PR/USVI including DME, CMS, infant toddler kits, as well as personnel for staffing operation *(ESF-6 Update, September 7, 2017, 1:22 p.m. EDT)*
  - Feeding operations:
    - FL estimates 600,000 meals/day beginning with non-traditional feeding, transitioning to hot food; Florida food bank still has 147,000 lbs. of food for donation and the State of Florida has 2,000,000 shelf stable meals on hand
    - GA, SC, and NC are still validating feeding plans
  - Salvation Army:
    - USVI: Capacity to feed 300 people a day and collaborating with local hotels, restaurants, churches to support feeding operations; a team will be deployed to St. Thomas
    - PR: Total minimum feeding capacity of 23,500 meals per day; 150 active volunteers and sufficient volunteer lodging; 1 Warehouse (5,000 square feet); 3 full-time disaster staff; 150 active volunteers; disaster facility that can house 20 volunteers *(ESF-6 Update, September 7, 2017, 11:56 p.m. EDT)*
  - American Red Cross (ARC):
    - The American Red Cross resourced the Irma response for 120,000 shelter occupants with shelter and feeding materials staged in Florida (White Springs, Orlando), North Carolina (Charlotte), Georgia (Carrollton, Augusta, Macon), South Carolina, Puerto Rico, and the US Virgin Islands
    - Local chapters in the affected states ramping up, identifying available staff, checking inventories, and establishing leadership for a potential response; continuing to recruit volunteer/paid staff for deployment to the potential response areas *(ESF-6 Update, September 7, 2017, 11:56 p.m. EDT)*
- ***ESF-7: Logistics Management and Resource Support***
  - Continue to increase commodity capacity at multiple Incident Support Bases (ISBs) in support of anticipated impacts to include Maxwell AFB, AL, Fort Bragg, NC, Fort AP Hill, VA and Groveland, FL
    - Prestaging 25 trailers of meals, 25 trailers of water, and 5 generator packs at Groveland staging area outside Orlando, FL
  - Coordinating movement of life sustaining commodities to PR and USVI for Hurricane Irma post land fall
    - Projected to airlift 1,000,000 meals and 251 infant and toddler kits from Randolph AFB, TX to St. Thomas, USVI via San Juan, PR
    - Shipping 1,700,000 liters of water from staging area Joint Base McGuire–Dix–Lakehurst to San Juan, PR via sea lift utilizing a contract vendor
    - Procuring 250 infant and toddler kits for delivery to PR *(ESF-7 Update, September 8, 2017, 3:20 a.m. EDT)*
- ***ESF-8: Public Health and Medical Services***
  - USVI/PR:
    - Due to catastrophic damage to Schneider Regional Hospital in St. Thomas, a total of 43 patients require evacuation; to fulfill this need, one U.S. Air Force C-17 aircraft has arrived at St. Croix and is pre-staging, while the USS Wasp is utilizing rotary wing assets to move the 43 patients from St. Thomas to St. Croix, where patients will board the C-17 for transport from St. Croix *(ESF-8 Update, September 8, 2017, 1:39 a.m. EDT)*

- Coordinating transport of 2 National Disaster Medical System (NDMS) Disaster Medical Assistance Teams (DMAT) teams, 3 DMAT caches, and 4 medical lifesaving kits (MLKs) to St. Thomas through San Juan, PR, via Department of Defense assets
- HHS will have 1 Incident Response Coordination Team (IRCT), 3 DMAT teams and caches, 4 MLKs, and 1 250-bed Federal Medical Station (FMS) plus 2 50-bed FMS to support Caribbean-area response *(ESF-8 Update, September 7, 2017, 2:52 p.m. EDT)*

- CONUS:
  - FL: 100 ambulances have arrived at Leon County Fairgrounds in Tallahassee, FL; they will move when the storm passes, and current evacuation needs to be accomplished through state and local capabilities
  - GA: 3 DMATs are staging in Atlanta, GA *(ESF-8 Update, September 8, 2017, 1:39 a.m. EDT)*

- ***ESF-9: Search and Rescue***
  - USCG initiated redeployment and pre-positioning of personnel, aircraft, and cutters out of Irma's path to facilitate post-storm response and reconstitution; USCG is coordinating closely with ESF-9 representatives to align resources for expected response needs
  - Air Station Savannah, GA has three rotary wing assets, USCG Air Station Clearwater has eight rotary wing assets and three fixed-wing assets (HC-130), USCG Air Station Miami has four rotary wing assets and four fixed-wing assets (HC-144), USCG Jacksonville has six rotary wing assets and Air Station Borinquen, PR has five rotary wing assets *(ESF-9 Update, September 7, 2017, 1:26 p.m. EDT)*
  - Four USCG cutters are returning to their homeport of San Juan, PR to assist with emergent S&R, damage assessments, and other USCG operations *(ESF-9 Update, September 8, 2017, 2:52 a.m. EDT)*

TF	Type	# Pers	Location	Status	ETA
Red IST*	IST	76	Knoxville, TN (enroute to St Augustine)	IST	arrived
IST Ground Support	Oth	8	St Augustine, FL	IST Support	arrived
IST Advance	IST	14	Puerto Rico / USVI	Conducting Operations	arrived
LNO	Oth	2	RegionII RRCC - Colts Neck NJ	Coordination	arrived
LNO	Oth	2	Region IV RRCC - Atlanta, GA	Coordination	arrived
LNO	Oth	2	FL State EOC - Talahassee, FL	Coordination	arrived
VA-TF2	3	61	Puerto Rico / USVI	Conducting Operations	arrived
PA-TF1	1	80	Warner Robbins	Staging	arrived
CO-TF1	1	82	MCLB Albany	Staging	arrived
CO-TF1	HEPP	4	MCLB Albany	Staging	arrived
CA-TF1	1	80	Moody AFB	Staging	arrived
CA-TF4	1	80	Moody AFB	Staging	arrived
IN-TF1	HEPP	4	Moody AFB	Staging	0500 hrs Fri 9/8
NV-TF1	1	80	Warner Robbins AFB	Enroute	**0600 Sun 9/10**
WA-TF1	1	80	Warner Robbins AFB	Enroute	**0600 Sun 9/10**
VA-TF1	1	80	Eglin AFB	Staging - FL Asset	arrived
NY-TF1	1	80	Eglin AFB	Staging - FL Asset	0500 hrs Fri 9/8
TN-TF1	1	80	Eglin AFB	Staging - FL Asset	0500 hrs Fri 9/8
AZ-TF1	1	80	Eglin AFB	Staging - FL Asset	0500 hrs Fri 9/8
CA-TF3	1	80	Eglin AFB	Enroute	**2000 hrs Fri 9/8**
CA-TF8	1	80	Eglin AFB	Enroute	**2000 hrs Fri 9/8**
NE-TF1	1	80	Eglin AFB	Enroute	**2000 hrs Fri 9/8**
NJ-TF1	1	80	Eglin AFB	Enroute	**2000 hrs Fri 9/8**
MD-TF1	HEPP	4	Eglin AFB	Staging - FL Asset	0500 hrs Fri 9/8
Total		**1,299**			

(USCG Update, September 8, 2017, 3:00 a.m. EDT).

- ***ESF-10: Oil and Hazardous Materials Response***
  - USCG has deployed 52 National Strike Force personnel to augment local Incident Management Teams and conduct pre-storm rapid needs assessments; these 52 personnel are deployed to: Charleston, SC (19), San Juan, PR (7), Miami, FL (2), and Jacksonville, and FL (24) *(USCG Update, September 7, 2017, 11:53 a.m. EDT)*
  - The National Response Center is starting to receive reports of pollution as a result of Hurricane Irma
  - EPA has activated their Radiation Advisory Team to provide technical assistance to Food & Drug Administration, Center for Disease Control and Prevention, and United States Department of Agriculture on scientific issues related to exposures *(ESF-10 Update, September 7, 2017, 11:53 a.m. EDT).*

- ***ESF-11: Agriculture and Natural Resources***
  - Coordinating with Region II RRCC Individual Assistance Group, ESF-6, and IMAT on immediate catastrophic sheltering/feeding requirements
  - Food and Nutrition Service Mid-Atlantic Regional Office had reported a destroyed Food Bank Warehouse; confirmed with ESF-7 that the food bank was not destroyed *(ESF-11 Update, September 7, 2017, 8:05 p.m. EDT)*
  - U.S. Department of Agriculture is triaging the list of 1,910 facilities in Florida regulated by the Animal Welfare Act to identify critical facilities, given the expected path of the storm
  - The National Animal Rescue and Sheltering Coalition response assets are staging to support FL, GA, SC and NC; resources include large animal and small animal water rescue and sheltering teams *(ESF-11, SitRep, September 7, 2017, 2:10 p.m.)*
- ***ESF-12: Energy***
  - Virgin Islands
    - In anticipation of Hurricane Jose, VI Water and Power Authority (VIWAPA) is balancing restoration with planning for the next storm
    - Priority restoration of power for the airport, hospital and adjacent buildings on St. Thomas has begun; restoration of the airport will provide power to VITEMA
    - VIWAPA brush and line crews continue to clear the area. The Randolph E. Harley Power Plant is still offline and the overhead system is completely damaged with repairs estimated to be substantial *(ESF-12 Update, September 8, 2017, 02:58 a.m. EDT)*
  - Florida
    - The Florida EOC reports that fuel demand in some areas has increased five times normal levels and some gas stations are experiencing temporary outages; the fuel supply chain remains fully intact, and the State of Florida is working to move as much fuel through the system to replenish stocks
    - The State of Florida has started arranging police escorts for fuel delivery to evacuation areas where shortages are reported and are actively working to arrange additional police escorts for the return route for fueling tanker vehicles *(ESF-12 Update, September 7, 2017, 9:24 p.m. EDT)*
    - Turkey Point: Both units are currently at 100% power. Turkey Point Senior Resident Inspector will remain onsite and two other inspectors will be stationed with him prior to the onset of tropical storm force winds. All three will remain onsite for the duration of the storm
    - Saint Lucie Nuclear Plants: Both units are currently at 100% power. There will be two inspectors stationed onsite prior to the onset of tropical storm force winds and will remain for the duration of the storm *(ESF-12 Update, September 7, 2017, 8:12 p.m. EDT)*
  - South Carolina
    - One reactor fully operational- continuing storm preparations; the Virgil C. Summer Nuclear Generating Station reactor is at zero percent due to a scheduled replacement of fuel rods *(ESF-12 Update, September 7, 2017, 8:08 p.m. EDT)*
  - North Carolina
    - All three reactors have full power; continuing storm preparations *(ESF-12 Update, September 7, 2017, 8:07 p.m. EDT)*
  - Georgia
    - All four reactors have full power; continuing storm preparations *(ESF-12 Update, September 7, 2017, 8:07 p.m. EDT)*
- ***ESF-13: Public Safety and Security***
  - Federal Operations Support Mission Assignments have been approved by FEMA for Puerto Rico, USVI, and Florid to provide force protection, security, and general law enforcement in support of FEMA response operations *(ESF-13 Update, August 8, 2017, 1:00 a.m. EDT)*
  - A Quick Reaction Team (QRT) that was deployed to San Juan will be moved to Saint Thomas in order to support Disaster Medical Assistance Team (DMAT) and US&R missions on the island
  - Eight QRTs, a total of 200 federal law enforcement officers, are being activated and moved to a staging area at Moody Air Force Base within the next 72 hours
  - A 27 man QRT will be deployed to Atlanta to stage for an additional DMAT deploying to the Virgin Islands or Puerto Rico *(ESF-13 Update, September 7, 2017, 11:32 a.m. EDT)*

- A Law Enforcement Responder Camp has been approved on Moody Air Force Base, Valdosta, GA; elements will begin to preposition in the next 24 hours *(ESF-13 Update, September 7, 2017, 9:05 a.m. EDT)*
- 40 Coast Guard Investigative Service Agents are on standby *(USCG Update, September 7, 2017, 2:33 p.m. EDT)*

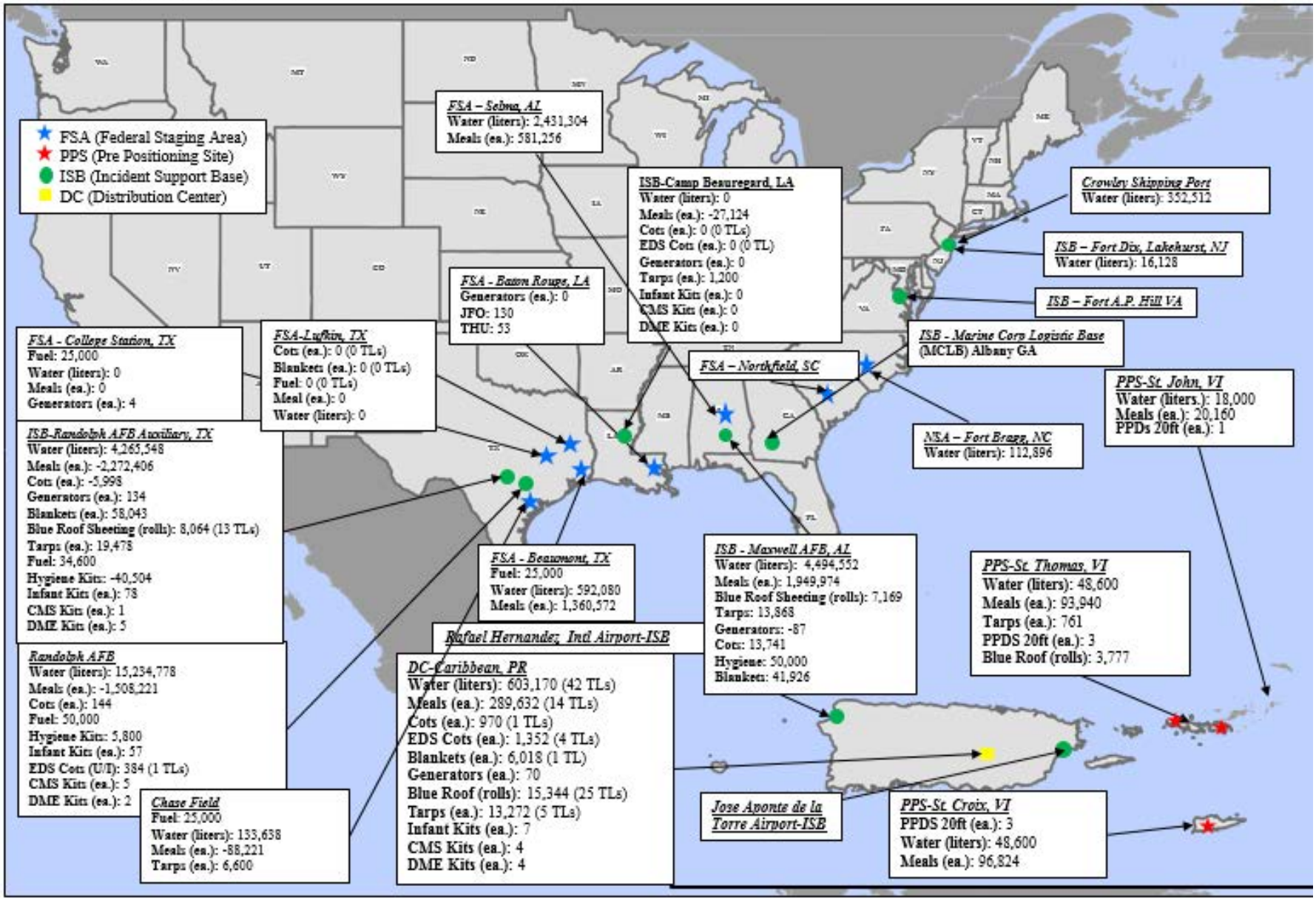
- ***ESF-15: External Affairs***
  - USVI: People continue to seek news and collaborate on social media to find ways to check on the wellbeing of missing people
  - Puerto Rico:
    - 36 Walgreens stores closed, 12 sites without power, 66 sites on generator power, and 7 stores with reported damages; Walmart reports all stores open on generator power and lines in the stores about normal
    - FedEx is attempting to deliver relief shipment to PR, pending storage availability to accommodate the entire shipment
    - Microsoft activated free Skype and is available in other disaster areas if needed; Cisco is on standby to assist with reunification efforts or communications requests and will provide a phone bank for the public with data/IP backhaul; Sprint is determining available resources
  - CONUS:
    - Top social media topics by Florida residents focused on heavy traffic on evacuation routes, difficulty obtaining gas, water, and other supplies at stores, and preparedness actions
    - There has been a slight shift in social media sentiment among Florida residents that evacuation is not a viable option due to traffic and challenges with finding gas
    - The State of Florida and DOE provided coordinated messaging that the fuel supply chain is intact and operational *(ESF-15 Update, September 7, 2017, 9:16 p.m. EDT)*
- ***U.S. Coast Guard***
  - USCG air lift support to Region II is being sourced to be in San Juan, PR on September 8 *(USCG update, September 8, 2017, 3:00 a.m. EDT)*
  - Deployed LNOs to support Defense Coordinating Element in St. Croix, Region II RRCC, Region IV RRCC, and PR, FL, GA, and SC EOCs; LNOs are deploying to the Region III RRCC and with N-IMAT East-2 with anticipated arrival of September 8, 2017 *(USCG Update, September 7, 2017, 12:14 p.m. EDT)*
- ***U.S. Department of Defense (DoD)***
  - US Northern Command (USNORTHCOM):
    - The USS Iwo Jima (LHD-7), USS New York (LPD-21) and USS Abraham Lincoln (CVN-72) are expected to depart Norfolk September 8, 2017 in support of Irma response in Region IV
    - Commander Task Force (CTF)-89 with USS Kearsarge and USS Oak Hill expected to be on station in USVI late September 8, 2017
    - The Joint Airfield Assessment Team has arrived in St. Croix
    - Deployed Joint Air Component Coordination Element to Puerto Rico and St Croix *(DOD Update, September 8, 2017, 1:38 a.m. EDT)*
    - ISB/FSAs are established at Warner-Robins (GA), Maxwell (AL), JBMDL (NJ), Ft Bragg (NC), AP Hill (VA), Moody (GA), and Charleston (SC) *(DOD Update, September 8, 2017, 1:38 a.m. EDT)*
  - Defense Logistics Agency (DLA):
    - MA approved to deliver and distribute 50,000 gallons of gasoline and 50,000 gallons of diesel to Warner Robins Air Force Base, Georgia by September 8, 2017; amendment for 200,000 gallons more diesel pending
    - Demobilizing 250,000 gallons of diesel and diverting in support of IRMA to Warner Robins, 8 September expected delivery
    - Diverting remaining meals dedicated for TS Harvey to three ISBs – Selma, AL (2M), Fort Bragg, NC (1.5M) and remainder not already at Randolph AFB to Maxwell AFB in support of Irma
  - US Transportation Command (USTRANSCOM):
    - C-17 aircraft arrived at St. Croix; Joint Assessment Team (JAT) and aeromedical evacuation (AE) staging capability; Critical Care Air Transport Team (CCATT) is on the ground *(DOD Update, September 8, 2017, 1:38 a.m. EDT)*
    - TRANSCOM's Aerial Port opening capability is operationally positioned for IRMA response

- Civil Air Patrol (CAP):
  - PR CAP personnel and two aircraft on standby when airport reopens
  - FL personnel dispatched for IRMA mission support; FL CAP aircraft relocating to NW FL, Incident Command Post to be established in Tallahassee
  - GA and SC CAP beginning dispatching of personnel for aircraft relocation support

- ***National Guard***
  - USVI:
    - Personnel on duty: 1,030 Army Reserve National Guard (ARNG) and 60 ANG, for a total of 1,090 on duty
    - Activating Quick Reaction Force (QRF) for security support; coordination with Joint Expeditionary Team (JET) and DCE for Emergency Management Assistance Compact (EMAC) support; continued rescue and recovery operations
  - PR:
    - Entire ARNG in Territory is on Drill Status for Irma Recovery Operations
    - Joint Operations Center (JOC) expected to commence operations pending storm passage
    - Additional NGB Joint Expeditionary Team (JET) personnel departing within next 24 hours; 470 troops available for immediate response with an additional 4,500 available for employment.
  - CONUS:
    - In FL, 310 ARNG personnel currently on duty
    - JOC to stand-up at Camp Blanding on September 8, pending track of Irma
    - Shifting EMAC focus from TX to FL; planning and staging continue, with 8,052 guard troops available for future employment *(NGB Update, September 8, 2017, 1:30 a.m. EDT)*
- ***Department of State (DoS)***
  - The DoS Crisis Management and Strategy team has been in contact with DoD to process requests for assistance from American citizens for potential evacuation operations and life sustaining support
  - The Government of Canada made a general offer of assistance on September 7 *(Department of State update, August 8, 2017, 1:00 a.m. EDT)*

Commodities Map (08 September 2017, 0350 EDT)

Hurricanes Harvey & Irma



Hurricane Irma – Federal Force Laydown & Assets (as of Sep 8, 2017 0500)

FEMA RIV (Atlanta, GA) – RRCC Level I
FEMA: N-IMAT E2 (1); FEMA Corps (1 team); Other FEMA Responders (64)
US&R: LNO (2)
USCG: LNO (1)

WARNER ROBINS, GEORGIA
US&R: (Each Team=80) PA-TF1; NV-TF1; WA-TF1

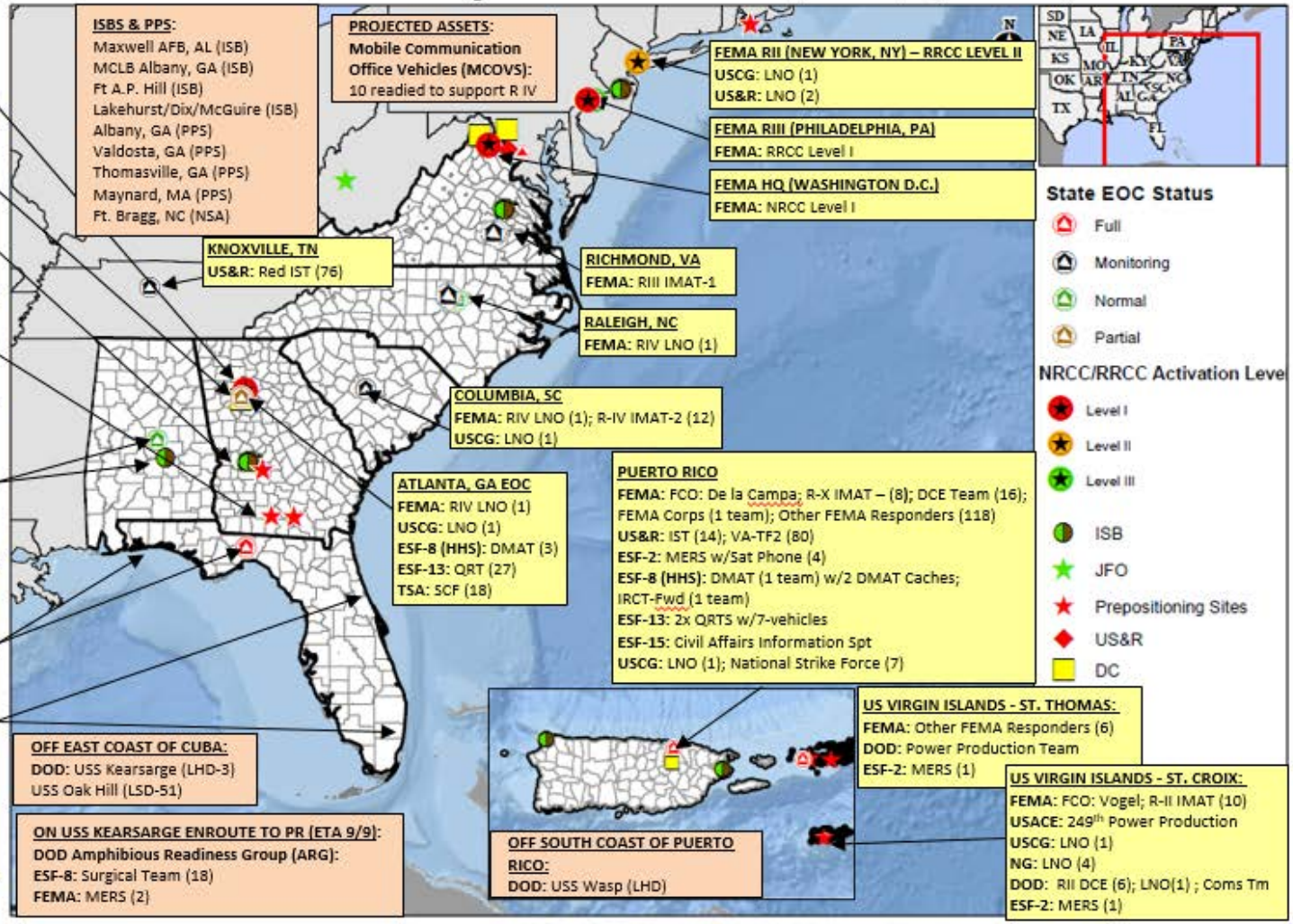
MCLB ALBANY, GEORGIA
US&R Teams (Each Team=80) CO-TF1 (HEPP); CO-TF1 (Type 1)

MOODY AFB (VALDOSTA), GEORGIA
US&R: (Each Team=80) CA-TF1 & 4; IN-TF1
ESF-8 (HHS): IRCT (1 team)
ESF-13: 8x QRT (200) (ETA 9/10)

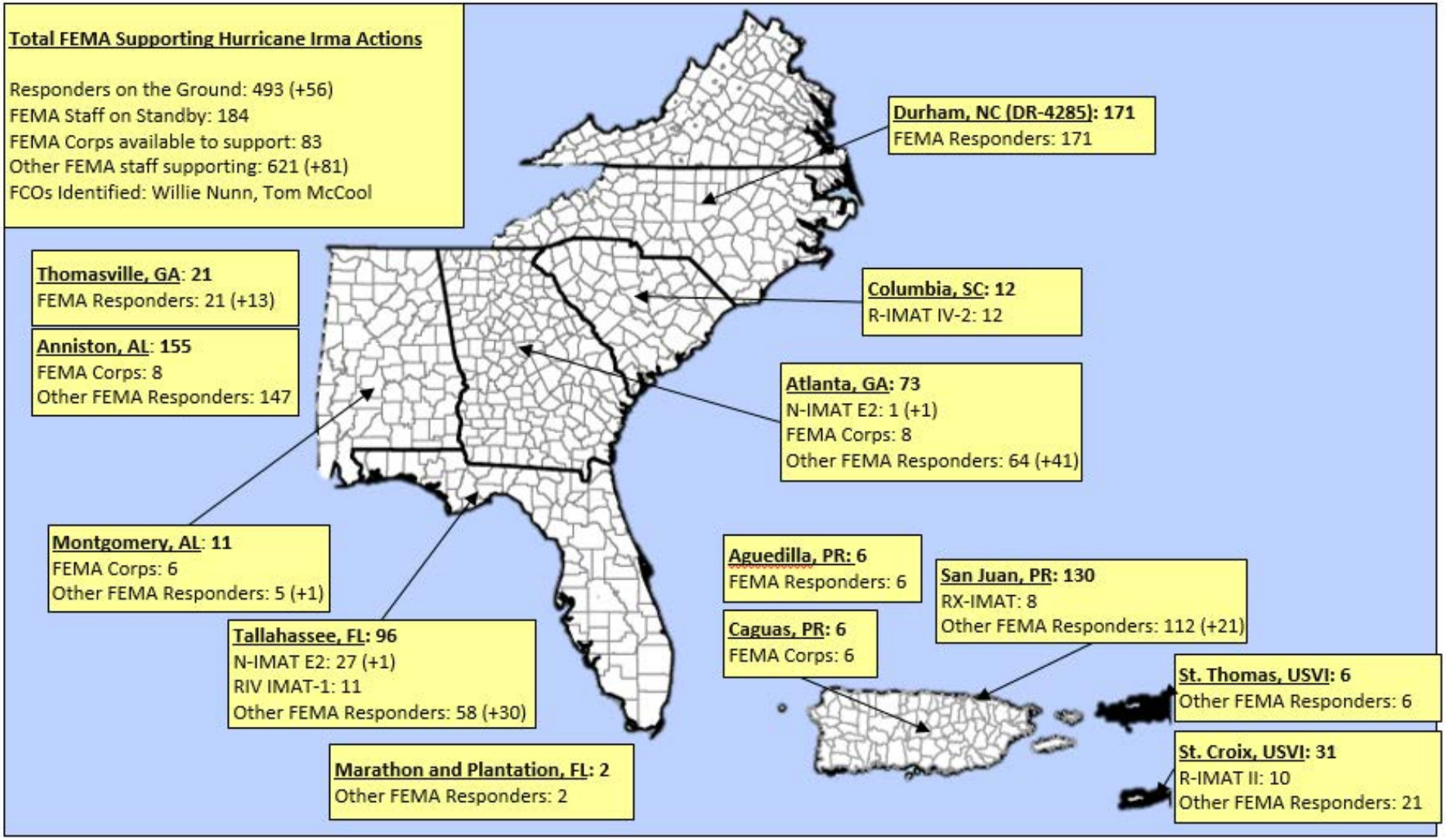
ALABAMA:
Montgomery
FEMA: FEMA Corps (1 team); Other FEMA Responders (5)
Anniston
FEMA: FEMA Corps (1 team); Other FEMA Responders (147)

FLORIDA:
Tallahassee
FEMA: FCO: Hernandez; N-IMAT-E2 (27); RIV-IMAT-1 (11); Other FEMA Responders (58)
US&R: LNO (2)
USCG: LNO (1)
Jacksonville
USCG: National Strike Force (24)
Miami
USCG: IMT; National Strike Force (2)
St. Augustine
US&R: IST (8)
Valparaiso (Eglin AFB)
US&R: (Each Team=80) VA-TF1; NY-TF1; TN-TF1; AZ-TF1; CA-TF3 & 8; NE-TF1; NJ-TF1; MD-TF1

FULL DOD INCLUDED ON SEPARATE MAP



Hurricane Irma – FEMA Responder Laydown (as of Sep 8, 2017 0100)



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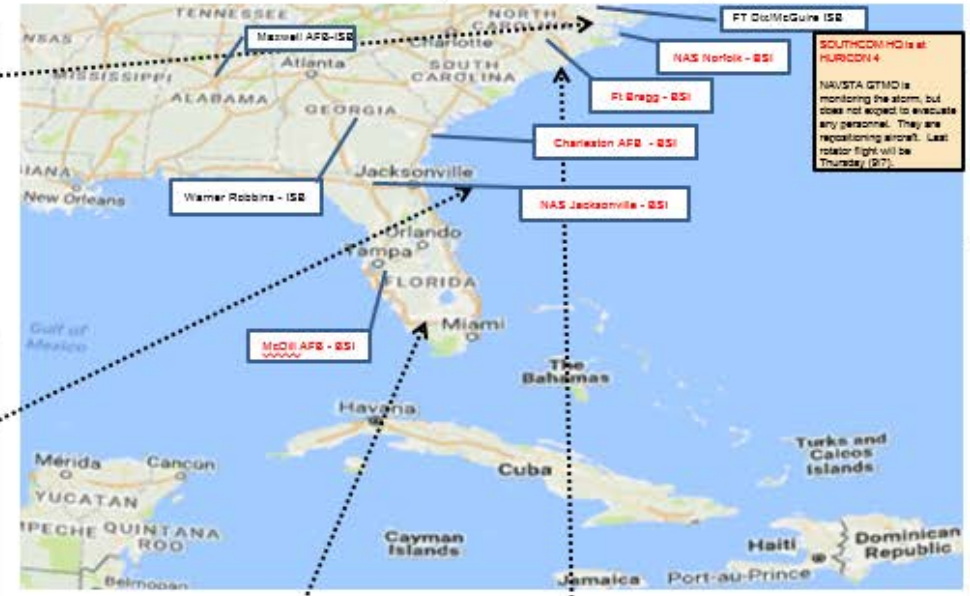
DOD Total Force Lay Down – Irma (CONUS)

II MEF USCA Gear and equipment ISO 2017 Hurricane Season
(Pre staged at Camp Allen, VA)

- Transportation (MTVRs, HMMWVs, Wrecker and Trailers) & Electrical (MEP Generators, SCUs)
- Enablers (TRAMs, MTLs, Six-Cons, TRC-209s)
- Water Purification/Production (TWPSs, LWPSs) & Water Storage (Bladders, Six-Cons, Waterbulls)
- Pumps (Water Pumps, Fuel Pumps)
- Public Affairs & Combat Camera
- ACE aircraft (CH-53Es/UH-1s) from MCAS New River to be flown to meet naval/amphibious shipping as required.
- Medical (Surgical, AVAL, Prev Med AVAL & Ambulances) & C2 Suite (Cerner IV, MHS-145, VRC-110s, SIWAN)

USS NEW YORK(LPD-21)
USS IWO JIMA (LHD-7)
Currently in Norfolk
Upload 07 SEP and pier up with USS Abe Lincoln
USS Abe Lincoln (CVN-1 Star CSG)

Transportation [ESF-1]
3 x CH-53 (Heavy Lift, Rotary)
3 x MTVR CARGO (5 Ton truck)
2 x HMMWV
3 x LCU (Landing Craft Utility)
Communications [ESF-2]
Logistics [ESF-7]
1 x TRAM (10K Fork Lift)
2 x LSSV 4X4
2 x LARC
1 x D7 Dozer
2 x Front end loaders
2 x MTVR Dump
4 x MTVR Cargo
1 x Generators
2 x SOICON Fuel (Fuel Bladders, 900 gal)
2 x SOICON Water (Water Bladders, 900 gal)
1 x Water Bull
Public Health & Medical Services [ESF-8]
1 x Fleet Surgical Team (15 pax)
NYK : 77 total beds
Mass Search & Rescue Operations [ESF-9]
6 x MH-60 (SAR Capable)
10 x MH-60 (USS Abe Lincoln)
External Affairs [ESF-15]



SOUTHCOM HQ is at HURCON 4

NAVSTA GTMO is monitoring the storm, but does not expect to evacuate any personnel. They are repositioning aircraft. Last rotator flight will be Thursday (9/7).

Personnel

Status	Irma BDG	PTDO
T10	2355 ↑	50 ↑
NG	1950 ↑	260 ↑
Total	4305 ↑	310 ↑

I-10 numbers reflect What is in OCONUS and CONUS

Aircraft Totals

A/C	IW	HW
T10	35	14
NG	17 ↑	1 ↑
T ANG (Capabilities PTD)	5 ↑	4 ↑
Total	60 ↑	19 ↑

Ships

Name	Navy	DOI	IN
LPD-21	0	0	1
LHD-7	0	0	1
CVN-72	0	0	1
Total	0	0	3

CAI II / III / IV Consolidated Force Response
AFNORTH
4xAirborne C2 Platforms -116 ACW
COMMS Support ABG - 52 Comms Squadron
Forward Reassessive – 99th Mod Group (CRM 016)
Air and Space Expedi Group (ABG 99 SG/CES (CRM 002)
Communications DET – Rover-52 CBCS (CRM 010)
Communications DET – Rover-52 CBCS (CRM 010)
CSAR/PR – Guardian Angel, 38RGS, (CRM 002)
Helo Refueling Det 2xC-130, 71RGS, (CRM 002)
1x CSAR – Rotary Wing (2xMH60), 41 RGS (CRM 002)
SAR Det Helo, 301 RGS (FRHLOO), CRM 002)
PARA Rescue, 308 RGS (CRM 002)
PARA Rescue, 48 RGS (S170021)
1x FW, Air Refueling 79 RGS (S170021)
2x FW, Air Refueling, 39 RGS (S170021)
1x Comb Camera, 3rd Comb Cam Sq (CRM 008)
2x Comb Camera, 3rd Comb Cam Sq (CRM 008)
1x Comms Det – Rover, 52CBCS, (CRM 010)
4x Airborne C2 Platform 552 ACW
ARNORTH
DCO/DCE Reg II (VI DOO 03)
C Co 7-158 GSAB (11 E CAB)
1xMPAD (22nd MPAD), ARNORTH OPCON (S170019H038)
4x Truck Co
4x Truck Co 74th TC
1x Med Log Mgmt Center (CRM 005)
MARFORNORTH
1x SPMAGTF (S170024Hoo1)
Waterborn SAR (8xBoats, 3x MTVR), 4 RECON Co ((S170024Hoo1)
AV Squ (MWSS-473, S170024)
GRN Truck Trans, 14 Marines (S170024)
Amphibious Transp, 14x AAV), C Co 4th Amphibious (S170024)
NAVNORTH
1x Comb Camera, Exped Comb Camera Sq (CRM 016)
3x Airborn C2 Platform (2x32C), VAW-125 (S170023)
1 ISR FWV (1x P8, VP45 (CRM 010)
2/3 Maritime Com Element – NECC (4582A (SEC NAV has OPCON
TRANSCOM
Starlift
JTF Port Opening (CRM 02)
2/3 Commun Det, JECC J Phase
2/3 Commun Det, JECC J Phase
2/3 Commun Det, JECC J Phase
2/3 Commun Det, JECC J Phase
2/3 Commun Det, JECC J Phase
2/3 Commun Det, JECC J Phase
2/3 Commun Det, JECC J Phase
DIRNSOFOR (Unit TBD)
Enroute Care Forces Unit TBD)

PTDO
Moody AHB 347HUG I-10
2 x HH-60G, 2 x HC-130, PJ TM (22)

Patrick AHB 920 HUG I-10
2 x HH60G, 2 x HC-130 (9)

Nellis AHB 563rd HUG I-10
CATF/V (20)

NGB CA, NY, AS

- 6 x HH-60 (60), 5 x HC-130
- 20,000 Recalled to deploy next 24-48 hrs
- FLNG Stfs 200 in next 24hrs
- Georgia National Guard 5,000 T

JHUCC
*4 x MED L/M/HVY Lift
*14 x LT MED Lift
*1x C4 Planning
*1xEP Comm
*1xEPComs
*1x JPASE
*1x MPAD
*1x RST
*1x MCE

DIRECTED TO DEPLOY:
FEMA R4 & Fed agencies activated to support FL
Eight Federal USAR Teams (RIV)
FLNG 200 SMs in next 24hrs
NJNG 100 SMs 09 SEP
JEC Team deploy to GA ISO Hurricane Irma
IMAT-2 to FL

FL, GA, SC (HRV)
DCO/DCE AND EPLOS
DSC Requested GA
DSC Requested SC
R IV IMAT 1 / N-IMAT ENRT FL EOC
Four Disaster Survivor Assistance (DSA) TF
South Carolina Emergency Declaration
Georgia declared a State of Emergency
GA JEC TO10-42
SC JEC TO10-2 (08 SEP)

Army Reserve, FL
A Co 5-159 GSAB (8xUH-60)
D Co (-)5-159 GSAB (15xHH-60)
E Co(-)5-159 GSAB (4xC-12)
G Co 5-159 GSAB (4xUC-35)
B CO 2-225 TAB

Air Force Reserve, FL
920thRescue Wing (15xHH-60)
927thAir Refueling Wing (8xHC-130)
919thSpecial Operations Wing (KC-135)

NC, VA (HRV)
RRCC activated to Level III
NC JEC TO10-2 (08 SEP)
MA for DCO REG II, possible VA
DSC Requested

COAST GUARD ASSETS
TBD

DLA Support
Fuel
Generators
Commodities
Shelters
Security Support

USACE Support (10)
Temporary Emergency Power
Navigation
Debris Management
Temporary Housing
Technical Flood Assistance
Infrastructure Assessments

Florida NG Aviation Units
HHC 1-111 GSAB
DET 1 CO B 1-111 GSAB CO C(-) 1-111 GSAB CO D(-) 1-111 GSAB
CO E(-) 1-111 GSAB
2-111 ADB
DET 1 CO B 2-245FW CO B(-) 2-151 S&S
DET 1 HHC 1-185 AHB CO B 1-185 AHB
DET 1 CO D 1-185 AHB
DET 1 CO E 1-185 AHB DET 4, CO B X90 ASB

Florida NG Aviation Assets
12 x CH-47 / 6 x HH-60s w/Hoist /
7 x UH-60s / 2 x UH-72s w/Hoist / 1 x C-12
18 Total

COAST GUARD ASSETS

13 Active JRSOI sites in four States (TX, GA, FL, SC)

T10 — JOA
NG — NORTHCOM JOA
COAST GUARD — Change in Red
USACE
DLA
Deployed
Prepared to Deploy

International

As of: 072330Z SEP 17 v1.2

Ref: NGB CEG Briefing 07SEP, ARNORTH CUB 07 SEP, MARFORNORTH CUB 07 SEP,NAVNORTH SCUB 07 SEP, N-NC J4 Mission Tracker 041640Z, DOD STRAT LIFT 05 Sep, FEMA SLB 07 Sep; *JFLCC Storyboard 062100Z

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NORAD and USNORTHCOM

We Have The Watch

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DOD Total Force Lay Down – Irma VI and PR

USS KEARSARGE (LHD-3) (09 Sep* Arrive VI*10)
USS OAK HILL (LSD-51) (09 Sep* Arrive VI*10)
Currently off the east coast of Cuba
KSG / OAK postured to support
+1-star CTF CDR

Transportation [ESF-1]
9 x MV-22 (Osprey)
3 x CH-53 (Heavy Lift, Rotary)
3 x UH-1 (Huey)
12 x MTVR CARGO (5 Ton truck)
1 x Wrecker
6 x HMMWV
1 x LCU (Landing Craft Utility)
9 x CRRC (Combat Rubber Raiding Craft: Rubber Boats)
2 x LGRO-V (Amphibious Trucks)

Communications [ESF-2]
1 x CUPSET (Communications Suite)

Logistics [ESF-7]
1 x TRUM (10K Fork Lift)
2 x Front end loaders
1 x MMV (All terrain fork lift)
17 x Generators (2 x Gen Mechanics)
4 x 9300N Fuel (Fuel Bladders, 900 gal)
2 x 9300N Water (Water Bladders, 900 gal)
10 x Water Bladders (3,000 gal)
2 x TWPS (Water Purification, 1,500 gph)
9 x LWPS (Water Purification, 150 gph)

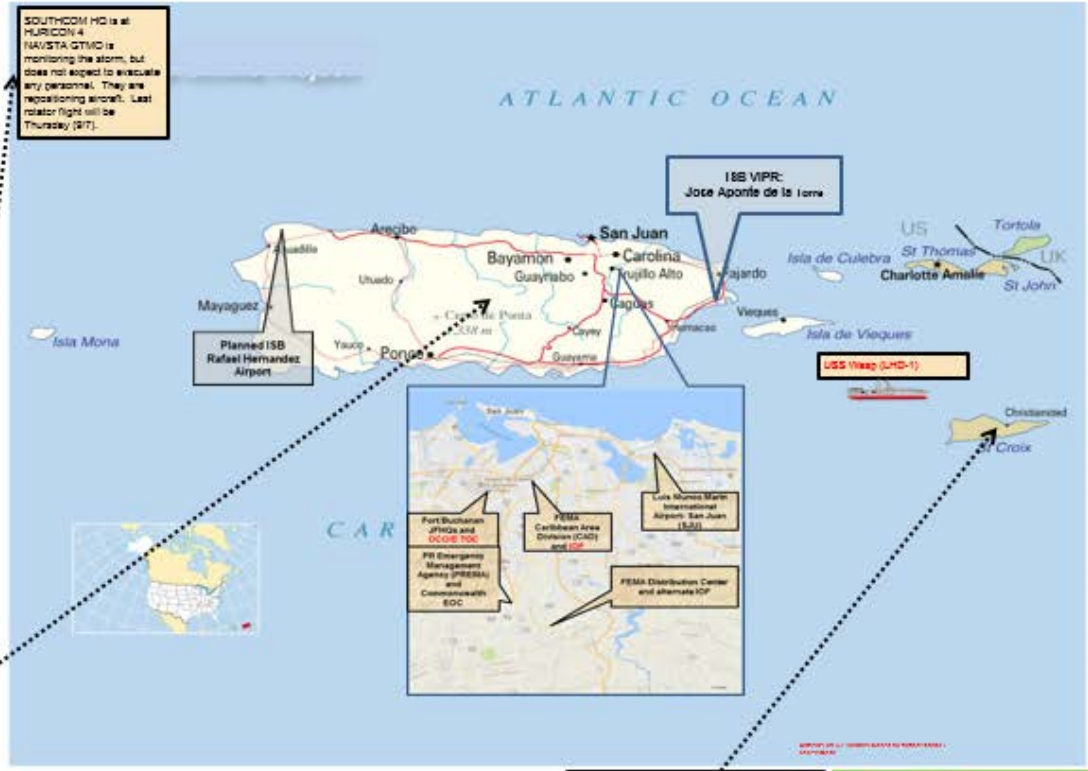
Public Health & Medical Services [ESF-8]
2 x Ambulance
1 x Fleet Surgical Team (16 pax)
KSG: 6 x Operating Rooms
KSG : 600 total beds
17 x post operative / Intensive care
6 x isolation
61 x primary care
536 x overflow casualty ward

Mass Search & Rescue Operations [ESF-9]
6 x MH-60 (SAR Capable)

External Affairs [ESF-15]
Civil Affairs Information Support Element (CIASE)
ARG
1x NEPLO to DCE FWDs
1x NEPLO to DCE FWDs
1x FEMA LNO
4x FEMA Coordination Cell

USS Wasp (LHD-1)
- Medical Ward w/ 4 Operating Rooms (1 OR Team), 14 bed ICU, 31 bed Primary Care, 6 bed Isolation
- 1600 available Berthing Racks

SOUTHCOM HQ is at HURICON 4
NAVSTA GTMO is monitoring the storm, but does not expect to evacuate any personnel. They are repositioning aircraft. Last rotator flight will be Thursday (9/7).



Personnel

Status	Irma SPT BOG	PTDO
T10	*2355 ↑	106 ↑
NG	317 ↑	438 ↑
Total	2672 ↑	544 ↑

T-10 numbers reflect What is in OCONUS and CONUS

Aircraft Totals

A/C	HW	FW
T10	0	0
NG	4 ↓	1 ↑
* ANG (Capabilities PTO)	8 ↓	13 ↑
Total	12 ↓	14 ↑

Ship Totals

Name	Navy	DDI	III
LHD-3	0	0	1
LSD-51	0	0	1
LHD-1	1	0	0
Total	1	0	2

CAT I / II / IV Consolidated Force Response (ARNORTH)
4x Airborne C2 Platforms -116 OCW
CONUS Support SEG - 53 Comms Squadron
Forward Reacquisition – 99th WSF Group (CRM 018)
Air and Space Control Group (ASG 99 SG/CES) (CRM 002)
Communications DET – Raven-52 CSCS (CRM 010)
Communications DET – Raven-53 CSCS (CRM 010)
CSAR/PR – Guardian Angel, 38ROS, (CRM 003)
Helo Refueling Det 2x0-135, 71ROS, (CRM 002)
1x CSAR – Rosin Wing (3xVH60), 41 ROS (CRM 003)
SOR Det Helo, 301 ROS (FFHLOO), CRM 003)
PJR/1 Rescue, 308 ROS (CRM 003)
PJR/2 Rescue, 66 ROS (9170021)
1x FW, Air Refueling 79 ROS (9170021)
2x FW, Air Refueling, 38 ROS (9170021)
1x Comb Camera, 3rd Comb Cam Sq (CRM 009)
2x Comb Camera, 3rd Comb Cam Sq (CRM 009)
1x Comms Det – Raven, 92CSCS, (CRM 010)
4x 3/60HM C2 Platform 920 OCW
ARNORTH
DCO/DCE Reg II (VI DOD 03)
C Co 7-159 GSAB (11 E CAB)
1xMPAD (22nd MPAD), ARNORTH OPCON (9170019H038)
4x Truck Co
4x Truck Co 7th TC
1x Med Log Mgmt Center (CRM 005)
NORSOUTHTF
1x SPMAGTF (9170034Nov1)
Waterborn SOR (6xBoats, 3x MTVR), 4 RECON Co (9170020Nov1)
UV Bug, NWS2-473, 9170034)
GRN Truck Trans, 14 Marines (9170034)
Amphibious Transp, 14x AAV), C Co 4th Amphibious (9170036)
NAVNORTH
1x Comb Camera, Exped Comb Camera Sq (CRM 018)
2x Airborn C2 Platform (3xEDC), VAW-123 (9170020)
1 SR FWV (1x P8, VPAS (CRM 010)
2/3 Maritime Com Element – NECC (45903) (SEC NAV has OPCON
TSAINGROW
JTF Pre Opening (CRM 00)
2/3 Commo Det, JECC J Phase
2/3 Commo Det, JECC J Phase
2/3 Commo Det, JECC J Phase
2/3 Commo Det, JECC J Phase
2/3 Commo Det, JECC J Phase
2/3 Commo Det, JECC J Phase
DIRNSWFDR (Unit TBD)
Entrance Care Forces Unit TBD)

Reserve
- 2x C17 2x HH60s and 60 SAR pers to Aguadilla (TJBQ) ETA 1945z
- 1x C17, 2x UH60s from Memphis (KMEM) to Puerto Rico (TJSJ) ETA 2100Z
- 1x C-17 DASF / 2 CCATTs / Joint Assessment Team (40 pax/50 STONS) from Travis (KSUU) to St. Croix (TISX) ETA 1930Z
- CRG & AE elements TA TISX is 2151z
- 1AF JACCE Team (3 pax/from Tyndall AFB, FL (KPAM)) to TJSJ (1pax) and TISX (2 pax)

ETOD
- Med lift rotary wing to support SAR in US VI
- NYNG is 3xUH60s, 2x C-130s and 125 pax to St Croix
- NING Site
- NJ 210 Site

CONSIDERED TO DEPLOY:
NC JSA JRC
DCE MA Team (8) (TBD) VI 05 SEP PR
VA Urban Search & Rescue TF delayed PR (58)
USACE Housing Planning and Response TMs
NC JPRC SAR Planner (1)
FEMA R II IMT Team x 2
NGB JSCC (1)
2x UH60, 2x HMMWV, 6 xPAX, KYNG
JSCC (8)

JFLCC
*4 x MED LIFT/HVY Lift
*14 x LT MED Lift
*1x C4 Planning
*1xEP Comm
*1xGEPComs
*1x JPASE
*1x MPAD
*1x RST
*1x MCE
*DLA IRT (7)

San Juan, PR
REG V DCO/DCE
DSC (Approved)
2x NEPLO to DCE FWD
1x NEPLO to State EOC
2x NAVNORTH LNO
USACE (21)
OPS EPLO

II & III Forces
1st MSC 188th RSG
393 CSSB 246 Trans BN
210th RSG 77 CSSB
448th EN BN 35 ESB
101 TRP CMD 93rd MEB
191st RSG 156th AW
53rd ESB
EMAC
1 BN (MP, Trans, Sust Med)
249th Prime Power

San Juan, PR
NGRF: 92nd MPB
125th HHD BN
480th CSC
544th CSC
756th CSC
225TH CSC
124TH HHD BN
770th GD CO
240th GD CO/1-DOVOPs
NLWCS
113 MPAD
1-48A (Public Affairs)

Aviation Units
DET 1 CO B 1-114 S&S
CO D(-) 1-114 S&S
DET 4 HHC 2-149 GSAB
DET 4 CO D 2-149 GSAB
DET 4 CO E 2-149 GSAB
DET 1 CO G 2-149 GSAB
DET 5 HHC 1-169 GSAB
DET 1 CO A 1-169 GSAB
DET 1 CO D 1-169 GSAB
DET 5 CO E 1-169 GSAB
DET 1 CO C 2-641 FW DET 1, CO B 777 ASB

Aviation Assets
1NANG
4 x UH-60
2 x UH-72s

COAST GUARD ASSETS
IMT (Caribbean OPS)

St Croix, USVI
REG II DCO/DCE
DSC (Approved)
2x NEPLO to DCE FWD
2x NEPLO to DCE FWD
OPS EPLO
NAVNORTH LNO
JPRCC SAR Planner
ARNORTH G6
USACE (14)

II & III Forces
53rd ESB
249th Prime Power

St Croix, USVI
661st MP DET
NLWCS

COAST GUARD ASSETS
TBD

DLA Support
Planning Response Team
Power Restoration Team
Fuel
Generators
Commodities
Shelters
Security Support

USACE Support (15/30)
1 USACE PWR TM LOC PR, Sup VI (10)
1 USACE PWR TM LOC PR, Sup PR(10)
249th EN BN
Debris Management TM
PRT MVC x 4

International
Netherlands Navy ships to Dutch Caribbean
UK Royal Navy south of PR

T10	PR NG JOA
NG	NORTHCOM JOA
COAST GUARD	Changes in Red
USACE	
DLA	
Deployed	
Prepared to Deploy	

As of: 07230Z SEP 17 v2.0

Ref: NGB CEG Briefing 07SEP, ARNORTH CUB 07 SEP, MARFORNORTH CUB 07 SEP,NAVNORTH SCUB 07 SEP, NNC J4 Mission Tracker 041640Z, DOD STRAT LIFT 05 Sep, FEMA SLB 07 Sep; *JFLOC Storyboard 062100Z

UNCLASSIFIED//FOUO

Recovery Snapshot
Post-Tropical Cyclone Harvey
Friday, September 8, 2017 (5:00 a.m. EDT)
Updates in Blue

Housing

- **FEMA Individual Assistance**

Individual Assistance *(as of 09/07/2017, 11:05 p.m. EDT)*				
State	**Total Registrations**	**Total Individuals and Households Program Approved**	**Housing Assistance**	**Other Needs Assistance**
Texas	658,697 (+$12,032)	$220,801,277 (+$12,966,326)	$111,363,419 (+$9,557,664)	$109,437,868 (+$2,688,672)

- **FEMA Inspections**

Housing Inspections *(as of 09/07/2017, 11:05 p.m. EDT)*				
State	**Inspectors with Work**	**Inspections Issued**	**Inspections Complete**	**% Complete**
Texas	1,543 (+1)	209,935 (+32,701)	58,243 (+5,196)	27.7%

- **Transitional Shelter Assistance**

Transitional Sheltering Assistance *(as of 09/07/2017, 11:05 p.m. EDT)*		
State	**Currently Checked In to Hotel**	**Currently Eligible**
Texas	20,279 (-216)	264,625 (+3,083)

- **Shelter Population**

Sheltering Information *(as of 09/07/2017, 8:23 a.m. EDT)*			
State	**Total Shelters**	**Total Population**	**Source**
Texas	90	16,302	State of TX Report
Louisiana	5	136	FEMA NSS

- **National Flood Insurance Program Claims Estimates**

NFIP Claims Estimate *(NFIP Report, September 7, 2017, 1:25 p.m. EDT)*		
State	**Claims Submitted**	**Advanced Payments to Insured Survivors**
Texas	88,000	Over $75.9M

- **Housing Programs**

SBA Home Loans *(SBA Email Updatet, September 7, 2017, 2:55 p.m. EDT)*				
State	**Applications Received**	**Applications Approved**	**Loan Dollars Approved**	**Average Loan Amount**
Texas	10,172	509	$46,276,400	$90,916

- 32 Public Assistance (PA) Preliminary Damage Assessments (PDA)s have been requested; 3 are completed and 29 are ongoing

Infrastructure Systems

- **Government Buildings:** County government offices are closed in Brazoria, Galveston, Harris, Jasper, Jefferson, Orange and San Jacinto Counties. Hardin County government offices to resume status on September 11, 2017

- **Schools:** The following schools are closed: Aransas County (heavily damaged), Nueces, Orange, and San Patricio County
- **Hospitals:** Hospitals are closed or damaged in Bee County (1), Harris County (4), and Nueces County (2)
- **Emergency Medical Service (EMS):** EMS facilities are out of service in Brazoria, Harris and Nueces Counties *(Region VI Situation Report, September 8, 2017, 3:00 a.m. EDT)*
- **Aviation:** All major airports are at normal operations; smaller airports are open with some restrictions
- **Debris Management**
  - Debris Management support to Texas is a top planning priority
  - Local city and State officials have begun developing contracts and planning their operations
  - State plans to hire local company and manage the debris, with USACE providing oversight of municipalities' removal operations and disposal
- **Highway**
  - Four engineers from TX Division traveling to Houston District next week to potentially begin damage assessments
  - LADOTD planning on deploying damage assessment teams within the next week
  - Texas Highway closures:
    - Sam Houston Tollway between I-10 and Westheimer, due to flooding
    - 65 total road closures, down from over 100; 17 closed due to damage
- **Maritime**
  - Corpus Christi: Open with restrictions; vessels restricted to draft not above 43ft
  - Houston Area: Open with restrictions; vessels less than 40 ft draft
  - Port of Beaumont: Open with restrictions; 34-foot draft restriction for the Sabine-Neches Waterway *(USCG Update, September 7, 2017, 4:30 p.m.)*
  - Port of Port Arthur Open with restrictions; 34-foot draft restriction for the Sabine-Neches Waterway
- **Rail**
  - Amtrak: Sunset Limited suspended east of San Antonio; track closures; no alternate route between New Orleans and San Antonio
  - Union Pacific Railroad (UP): Repair work has begun on the lines that link Houston and Beaumont, TX; estimated completion September 7, 2017 at 12:00 PM EDT
  - Kansas City Southern Railroad (KCS): No service between Beaumont and San Antonio, TX
- **Transit**
  - Metropolitan Transit Authority of Harris County (METRO) Houston, TX
    - METRORail Green and Purple lines: Limited service
    - METROBus: Limited service
    - METROLift: Resumed regular service
  - Beaumont Transit: Limited service
- **Fuel/Pipelines:** Pipeline Hazardous Materials Safety Administration (PHMSA) receiving reports of pipeline restarts. Several are reporting integrity review are complete and restart procedures are beginning. Colonial Pipeline restarted major fuel lines that transport from TX to East Coast (Lines 1 and 2) *(Region VI Sit. Rep., September 7, 2017, 4:00 p.m. EDT)*

ECONOMIC RECOVERY

- **Small Business Administration**

SBA Business Loans *(as of 09/06/2017)*				
State	**Applications Received**	**Applications Approved**	**Loan $ Approved**	**Average Loan Amount**
Texas	837	32	$2,747,300	$85,853