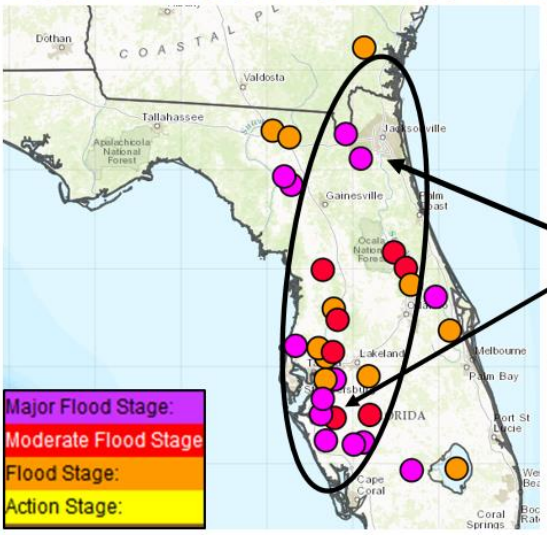
Senior Leadership Briefing
Tropical Depression Irma
Tuesday, September 12, 2017 (5:00 a.m. EDT)
Updates in Blue

Current Situation:

At 5:00 a.m. EDT, Tropical Depression Irma was located near Columbus, AL, with maximum sustained winds of 35 mph. The center of Irma is currently over Alabama and then will move into western Tennessee by this evening.

Peak wind gusts (as of 5:00 a.m.) include 142 mph at Naples Airport, 130 mph at Marco Island, 122 mph in Lely, and 120 mph at Big Pine Key. Hurricane conditions are continuing across portions of central and northern portions of the FL Peninsula, with tropical storm and hurricane conditions expected to spread northward today. Irma is expected to produce rainfall amounts of 8 to 20 inches, locally 25 inches, from the Florida Keys to southeast Georgia through Wednesday. There is a high risk for flash flooding across these areas. Moderate to major river flooding is forecast with the greatest risk across Pasco to Sarasota Counties, FL. *(NOAA Update, September 12, 2017, 5:00 a.m. EDT)*

Deterministic River Flood Forecast



Key Points:

- Severity: Moderate-major flooding forecast; localized record flooding possible
- Greatest Risk: Northern and western Florida peninsula, particularly from Pasco to Sarasota Counties, and Duval counties
  - This includes Tampa and Jacksonville.
  - Timing: Rapid rises likely to continue through mid week.
- River flood threat likely to expand into portions of GA and SC middle of the week.
- Flooding will impact roads, homes, infrastructure and post-storm response activities

When Will Major Flooding Recede?

Southeast RFC
River Forecast Center

River Levels in Florida from Irma

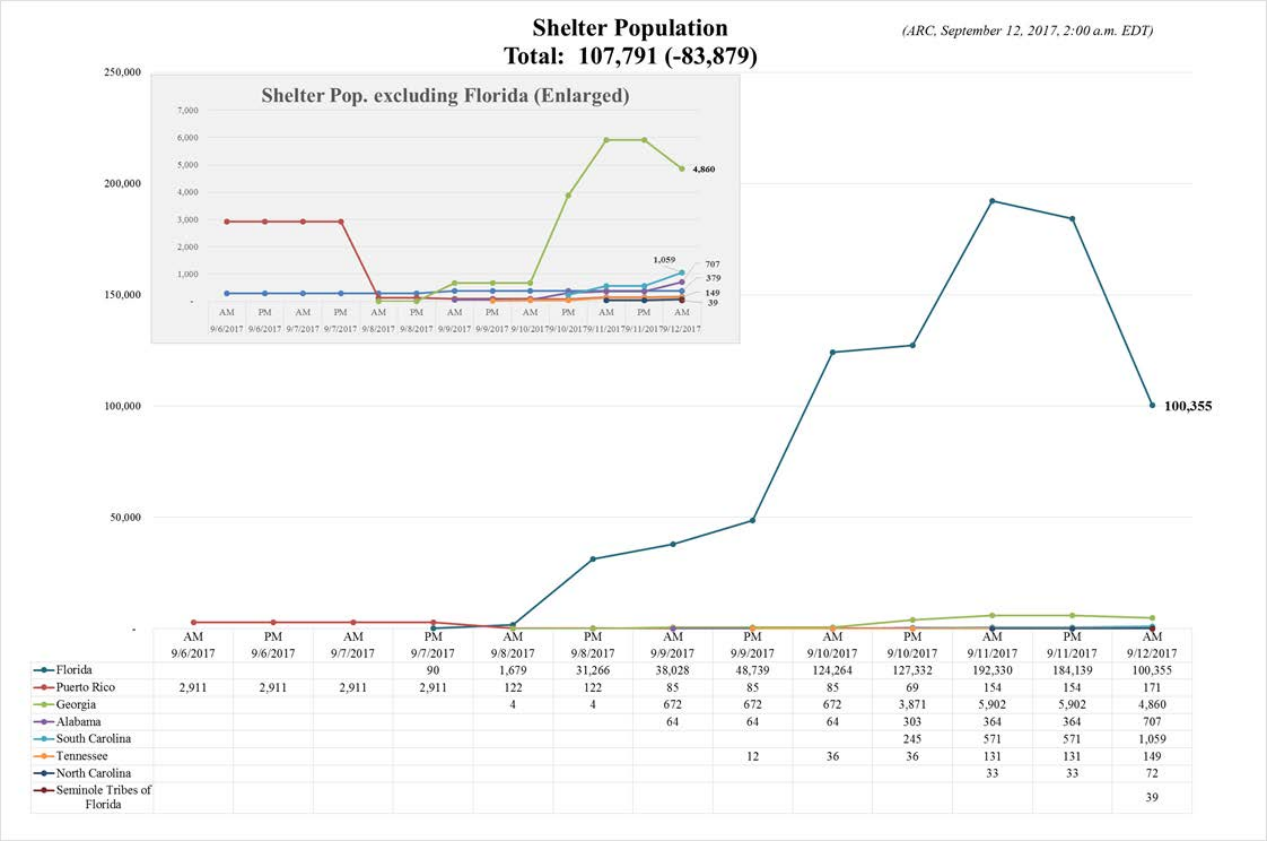
Area	Waterway	Below Major Recession Date	Additional Info
Elfers	Anclote River	9/12	Drop out of flood Saturday morning
Zephyrhills	Hillsborough River	9/12	Drop out of flood Sunday morning
Lithia	Alafia River	9/14	Falls to Minor flooding Saturday morning
Wimauma	Little Manatee River	9/13	Drop out of flood Sunday morning
Rye Bridge	Manatee River	9/12	Drop out of flood Wednesday afternoon
Myakka River State Park	Myakka River	9/15	Stays elevated through Sunday
Arcadia	Horse Creek	9/12	Fall to Minor flooding Friday afternoon
Arcadia	Peace River	Beyond 9/15	Still rising to 17.5 feet crest on Thursday
Palmdale	Palmdale Fisheating Creek	9/14	Stays elevated through Sunday
Lake Harney	St Johns River	Beyond 9/15	Still rising to 10 feet Crest Thursday afternoon
Middleburg	North Fork Black Creek	9/14	Drop out of flood Saturday morning
Macclenny	St Mary's River	9/14	Falls to Minor flooding Sunday morning

9873661

Impact Summary:

Population Impacts						
State/ Tribe	**Confirmed Fatalities**	**Shelters / Population**	**Customer Power Outages**	**Healthcare Facilities**	**Evacuations**	**Other**
USVI	4	Shelters: 7 (+1) Pop: 376 (+)	St. Thomas - 19,574 St. John - 2,893 St. Croix - 6,905	1 evacuated/ closed	N/A	St. Thomas and St. John curfew 6 p.m. to 12 p.m. St. Croix schools will open 9/12
PR	3	Shelters: 7 (+1) Pop: 171 (+17)	368,682 (-62,382) (24% of territory)	1 closed; 6 on generator power	N/A	Schools and government offices remain closed
FL	Media reports 3 (not official)	Shelters: 427 (-153) Pop: 100,355 (-83,784)	5,083,934 (-1,033,090) (50% of state)	33 closed	35 counties mandatory 13 counties voluntary	At least 20 cities/counties have overnight curfews between 9/10-13 offices in 46 counties will be closed on Tuesday; schools closed in 44
Seminole Tribe	0	Shelters: 5 (+1) Pop: 39 (-133)	No Power at Brighton & Hollywood reservations	Not Reported	No orders	Leaking at Immokalee and Big Cypress shelters
GA	N/A	Shelters: 34 Pop: 4,860 (-1,042)	1,187,518 (+320,836) (26% of state)	6 evacuated (5 full, 1 partial)	All areas east, some areas west of I-95, 1 county	State government offices closed Monday and Tuesday GA has announced some school closures until 9/12
SC	N/A	Shelters: 24 (+1) Pop: 1,059 (+488)	220,870 (9% of state)	1 evacuated/closed	Mandatory for barrier islands in 3 counties	State buildings closed in 25 counties and schools closed in 43 counties Assessing vulnerable dams
NC	N/A	Shelters: 5 (0) Pop: 72 (+39)	63,680 (1% of state)	Not Reported	N/A	
TN	0	Shelters: 6 (+2) Pop: 149 (+18)	5,000	Not Reported	N/A	
AL	N/A	Shelters: 30 (+11) Pop: 707 (343)	400	Not Reported	N/A	Multiple school closures. All state offices and buildings are closed Monday
As of:	*4:00 a.m.*	*2:00 a.m.*	*2:30 a.m.*	*4:41 a.m.*	*3:30 a.m.*	*3:30 a.m.*

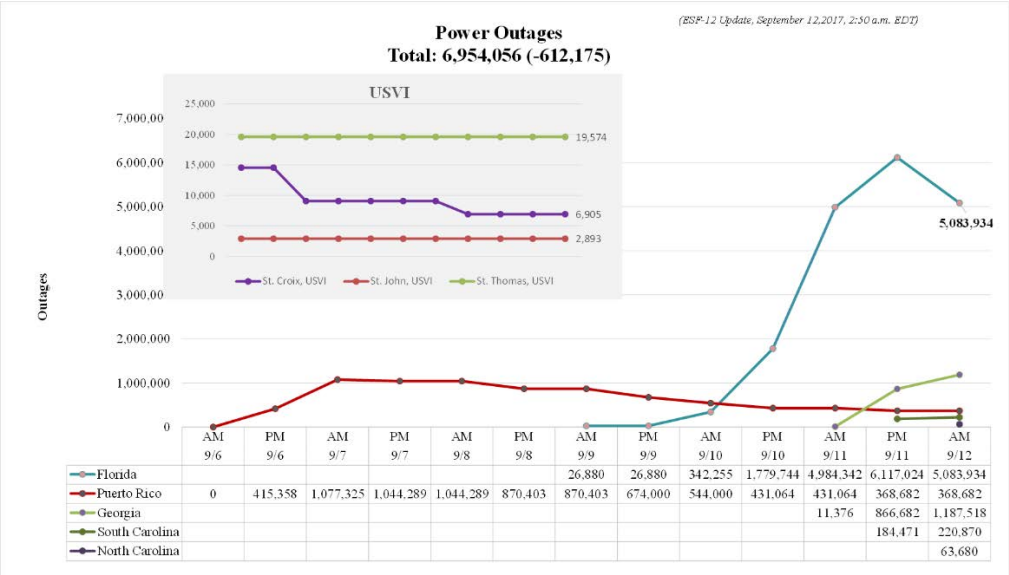
(OCSO Email, RII, ESF-6, ESF-12, ESF-8, RIV, Tribal Affairs Liaison Updates, September 12, 2017)



	AM 9/6/2017	PM 9/6/2017	AM 9/7/2017	PM 9/7/2017	AM 9/8/2017	PM 9/8/2017	AM 9/9/2017	PM 9/9/2017	AM 9/10/2017	PM 9/10/2017	AM 9/11/2017	PM 9/11/2017	AM 9/12/2017
Florida				90	1,679	31,266	38,028	48,739	124,264	127,332	192,330	184,139	100,355
Puerto Rico	2,911	2,911	2,911	2,911	122	122	85	85	85	69	154	154	171
Georgia					4	4	672	672	672	3,871	5,902	5,902	4,860
Alabama							64	64	64	303	364	364	707
South Carolina										245	571	571	1,059
Tennessee								12	36	36	131	131	149
North Carolina											33	33	72
Seminole Tribes of Florida													39

Infrastructure Impacts						
State/ Tribe	**Air**	**Ports**	**Transit**	**Roads**	**Fuel/Gas**	**Water**
USVI	Open: St. Croix, St. John Emergency only: St. Thomas	St. Croix: 1 closed St. Thomas: 3 open/open with restrictions, 1 closed	St. Croix resuming service; no service in St. Thomas and St. John due to power outages	St. Thomas and St. John major damage on coastal roads; still difficult to fully assess	Normal supply chain operational; 4 gas stations open on generators	Boil water advisories St. Thomas & St. Johns Some water tanks on St Thomas intact
PR	Open: San Juan (2), Vieques, Culebra	Two open with restrictions; all others open	Ferry: Relief only in Culebra, full service resumed in Vieques; Rail: Tren Ubano fully operational; Bus: Open dawn to dusk	All major roads and interstates open; priority is repairing damaged traffic signals	Not Reported	61,980 (-276,015) without water
FL	Closed: 4 Emergency only: 7 Open without Air Traffic Control: 1	All closed except Pensacola	Rail: No service; nearly all public transportation suspended in southern FL	Closed: US-1 to FL Keys, Sunshine Skyway Bridge; flooding on major roads across the state; debris and downed power lines in Orlando, Miami	Fuel shortages in gas stations reported	Not Reported
Seminole Tribe	N/A	N/A	N/A	Not Reported	Not Reported	Boil water notice
GA	All major airports open	All closed	Rail: minimal service;	Assessments underway; Sidney Lanier Bridge (SR 25) and Talmadge Memorial Bridge (US 17) closed	Not Reported	Not Reported
NC	All major airports open	All open	Rail: CSX Rail closed along I-95 corridor	Coordinating with SC and GA to handle re-entry traffic on I-95, I-77, I-26	Not Reported	Not Reported
SC	All major airports open	Charleston open with restrictions	Rail: Closed; public transportation suspended in Charleston and Sumter; no transit services through Lowcountry Regional Transit Authority	Assessments underway; planning for re-entry traffic	Not Reported	Not Reported
AL	All major airports open	All open with restrictions	Not Reported	Not Reported	Not Reported	Not Reported
As of:	*3:28 a.m.*	*3:00 a.m.*	*3:28 a.m.*	*3:28 a.m.*	*9/11 4:00 p.m.*	*2:10 a.m.*

(ESF-1, USCG, RII, RIV, ESF-12, Tribal Affairs Liaison, DOE Sit Rep Updates, September 12, 2017)



	AM 9/6	PM 9/6	AM 9/7	PM 9/7	AM 9/8	PM 9/8	AM 9/9	PM 9/9	AM 9/10	PM 9/10	AM 9/11	PM 9/11	AM 9/12
Florida							26,880	26,880	342,255	1,779,744	4,984,342	6,117,024	5,083,934
Puerto Rico	0	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
Georgia											11,376	866,682	1,187,518
South Carolina												184,471	220,870
North Carolina													63,680

Declaration Activity:

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region II				
Puerto Rico	9/10: *DR-4336*	2 counties	2	75% (Subject to Change)
U.S. Virgin Islands	9/7: *DR-4335*	St. Thomas; St. John	All	90% (Cat A) 100% (Cat B) for 30 days
Region IV				
Alabama	9/11: *EM-3389*		All 67 counties and Poarch Band of Creek Indians	75%
Florida	9/10: *DR-4337*	16 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. 1 to FEMA-3387-EM for Georgia, September 10, 2017 7:22 p.m.)

Federal Force Laydown:

Department/Agency	Personnel Deployed	Department/Agency	Personnel Deployed
FEMA – Deployed	**2,043 (+1)**	National Weather Service- NOAA	**343 (0)**
FEMA – Other Support	**558 (+14)**	National Guard	**19,255 (+5293)**
Urban Search & Rescue	**1,352 (+1)**	DOD – Title 10	**7,395 (+3663)**
Health and Human Services	**893 (+20)**	General Services Administration	**20 (0)**
Department of Transportation	**25 (0)**	U.S. Army Corps of Engineers	**220 (0)**
United States Coast Guard	**510 (0)**	Department of the Interior	**209 (+2)**
DHS – NPPD	**53 (-27)**	USDA - U.S. Forest Service	**49 (+22)**
Department of Energy	**22 (+13)**	Small Business Administration (SBA)	**0 (0)**
US Department of Agriculture	**9 (+2)**	Transportation Security Administration	**253 (0)**
Law Enforcement (ESF 13)	**718 (+215)**	Housing and Urban Development*	**0 (0)**
Customs and Border Protection	**0 (-372)**	Department of State	**19 (0)**
Civil Air Patrol	**24 (0)**	Environmental Protective Agency (EPA)	**266 (0)**
Immigration and Customs Enforcement	**73 (0)**	Emergency Management Assistance Compact	**11 (0)**
		Total	**34,320 (+8847)**

**Number of Personnel Unknown/Not Reported*

(Situational Awareness Info Analysis, September 12, 2017, 3:20 p.m. EDT)

FEMA Headquarters:

- National Response Coordination Center activated at Level I (24/7) *(NRCC Update, September 11, 2017, 8:00 a.m. EDT)*
- National Incident Management Assistance Team (IMAT) East-2 at FL Emergency Operations Center (EOC) and National IMAT East-1 is deploying to FL EOC *(Region IV Daily Sit Rep, September 11, 2017, 2:49 p.m. EDT)*
- Personnel mobilization center established at Anniston, AL to mobilize FEMA responders *(FOD update, September 9, 2017, 1:00 a.m. EDT)*
- **Recovery**

State/Territory	Total Individual Assistance Registrations	% of Projected Total Registrations	% of Total Households in Disaster Area
U.S. Virgin Islands	880 (+239)	6.8%	2.0%
Puerto Rico	770 (+262)	38.7%	11.6%
Florida	17, 904 (+10,319)	2.4%	0.7%

(Pre-Processing and Referral Statistics, September 11, 2017, 11:03 p.m. EDT) (Open Disaster Summary, September 11, 2017, 11:02 p.m. EDT)

- Surge staffing continues for FEMA's Strategic Workforce Augmentation Team taking calls from three National Processing Service Centers, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 4,425 (+95) call center agents are expected online September 12, 2017 *(Recovery Contact Center Surge Staffing Timeline, September 11, 2017, 11:30 a.m. EDT)*
- 376 Disaster Survivor Assistance (DSA) cadre members are deployed/deployed pending check-in & training in support of Hurricane Irma *(DSA Cadre Management Section Update, September 11, 2017, 7:30 a.m. EDT)*
- 10 joint Individual Assistance Preliminary Damage Assessment Teams are identified and ready to deploy, an additional 13 teams available to deploy *(RIV Sit Rep, September 11, 2017, 7:00 a.m. EDT)*

- **Federal Insurance and Mitigation Administration**
  - Approximately 2 million policies in force across AL, FL, GA, SC, PR, and USVI in Irma's path *(FIMA Update, September 11, 2017, 1:00 p.m. EDT)*
- **Mutual Aid** *(EMAC Sit Rep #37, September 12, 2017, 1:00 a.m. EDT)*

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	USVI	2	1
IV	FL	118 (+8)	32 (+6)
IV	GA	2	1
IV	SC	0	3 (+1)

FEMA Region II:

- Regional Response Coordination Center (RRCC) at Level I (Full Activation) day shift, Level II (Partial Activation) night shift with ESF 1,3,6, 8,12,13, and 15 *(Region II Sit Rep, September 11, 2017, 8:30 a.m. EDT)*
- FEMA Region II IMAT in St. Croix
- **U.S. Virgin Islands:** EOC at Full Activation, state of emergency declared, and National Guard activated *(Region II Sit Rep, September 11, 2017, 8:30 a.m. EDT)*
- **Puerto Rico:** EOC at Level IV (Full Activation); state of emergency declared, and National Guard activated *(Region II Sit Rep, September 11, 2017, 8:30 a.m. EDT)*

FEMA Region IV:

- RRCC at Level I (Full Activation); operating on generator power *(Region IV Update, September 11, 2017, 4:00 p.m. EDT)*
- HQ National Tribal Affairs Advisor on site at RIV RRCC *(Region IV Daily Sit Rep, September 11, 2017, 2:49 p.m. EDT)*
- Region IV IMAT-1 at FL EOC; and Region IV IMAT-2 deploying to GA EOC *(Region IV Daily Sit Rep, September 11, 2017, 2:49 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) *(Region IV Shift Change Brief, September 11, 2017, 7:00 a.m. EDT)*
  - State of Emergency declared for 67 counties *(FL DEM, September 11, 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; power is out, FEMA is putting together a team to support operations and logistics for the tribe *(FEMA email update, September 11, 2017, 2:30 p.m. EDT)*
- **Seminole Tribe of Florida:** EOC at Full Activation (24/7, all ESFs); Immokalee, Brighton, and Big Cypress Reservations on generator power; communications down on Brighton reservations *(Region IV Shift Change Brief, September 11, 2017, 7:00 a.m. EDT)*
- **Alabama:** EOC a Level I (Full Activation)
- **Georgia:** EOC at Level I (Full Activation)
- **North Carolina:** EOC at Level I (Full Activation) *(Region IV Shift Change Brief, September 11, 2017, 7:00 a.m. EDT)*
- **South Carolina:** EOC at OPCON 1 (Full Activation) *(Region IV Shift Change Brief, September 11, 2017, 7:00 a.m. EDT)*

Interagency Coordination/Response:

- ***ESF-1: Transportation***
  - USVI/PR:
    - EPA is supporting infrastructure recovery by supporting requests for consultation, assessment, and/or mitigation of chronic mold in the control tower at the airport in St. Thomas *(ESF-10 Update, September 11, 2017, 4:14 p.m. EDT)*

    - SS Wright will depart Philadelphia on September 12, 2017 en route to St. Thomas to provide berthing and meals for emergency response personnel and to deliver relief supplies *(ESF-1 Update, September 12, 2017, 2:28 a.m. EDT)*
    - DHS waived Merchant Marine Act of 1920 ("Jones Act") allowing international vessels to dock at American seaports; acting DHS Secretary approved request effective through September 14 *(ESF-1 Update, September 10, 2017, 12:59 p.m. EDT)*
  - FL:
    - Joint USCG, USACE and NOAA port surveys in Tampa, Miami and Port Everglades commenced on September 11, 2017; 40 vessels awaiting port openings to arrive in FL ports *(ESF-1 Update, September 12, 2017, 2:05 a.m. EDT)*
    - Of the 11 airports closed in FL, six to reopen on September 12, 2017 (Tampa, Melbourne Int'l, Ft. Lauderdale, Kissimmee, Gainsville, and Orlando Sanford, and Boca Raton will reestablish Air Traffic Control services); one to reopen on September 13, 2017 (Albert Whitted); three to reopen on September 15, 2017 (Key West Int'l, Naples, Marathon Int'l); one to reopen on September 16 (Page Field at Ft. Myers) *(FAA Update, September 12, 2017, 1:05 a.m. EDT)*
    - Special Notices are in effect for Marathon Int'l (FL) and the San Mateo area until September 20, 2017
    - US-1 to FL Keys is closed; no residents/visitors are permitted into Monroe County until an assessment by FDOT/FHP to roadways and bridges is complete *(ESF-1 Update, September 12, 3:05 a.m. EDT)*
    - U.S. Customs and Border Protection (CBP) providing interagency support to ESF-1: flew an Unmanned Aerial System (UAS) from over FL Keys on September 11, 2017; aerial assessment indicates debris on road but vehicles on highway indicate FL Keys bridges may be usable; will conduct additional UAS flyovers of I-75 and I-95 on September 12 *(ESF-1 Update, September 11, 2017, 11:06 p.m. EDT)*
    - Federal Highway Association (FHWA) approved FDOT's request for $25 Million in FHWA Emergency Relief funds on September 11, 2017 *(ESF-1 Update, September 12, 1:50 a.m. EDT)*
    - Ports: Cruise ships in FL have diverted from standard cruise homeports; further passenger embarkation/disembarkation and upcoming cruises pending post-storm assessments and port openings; FL post-storm port assessments estimated to begin September 11 and 12 as storm and conditions allow *(USCG Update, September 12, 2017, 1:56 a.m. EDT)*
  - GA: Assessments of road damage underway as accessibility allows
  - Re-entry of evacuees: NC Department of Transportation (NCDOT) is coordinating with SCDOT and GDOT to handle re-entry traffic coming north on I-95, I-77, and I-26; SCDOT will continue to monitor traffic and plan for reentry of SC, FL, and GA evacuees and will provide motorist assistance patrols during reentry *(ESF-1 Update, September 12, 2017, 3:07 a.m. EDT)*
- ***ESF-2: Communications***
  - Federal Communications Commission activated the Disaster Information Reporting System for all counties in FL, PR, and USVI; data being received for PR/VI; FL outage reporting began September 11 *(ESF-2 Update, September 11, 2017, 11:00 a.m. EDT)*
  - Initial damage assessments and restoration activities to communications infrastructure is underway in FL, GA, and AL
  - USVI/PR
    - Initial Maynard Mobile Emergency Response Support (MERS) airlift is complete; another aircraft from Westover Air Force Base to St. Thomas is scheduled to depart September 12, 2017 *(ESF-2 Update, September 12, 2017, 2:21 a.m. EDT)*
    - FEMA accepted an offer from U.S. Secret Service on September 10 for 500 public safety radios; MERS Electronic Maintenance Shop will process the radios and ship to teams engaged in Regions II and IV; the radios are due to arrive at Fredrick MERS September 12 for staging *(ESF-2 Update, September 12, 2017, 1:46 a.m. EDT)*
    - Cell tower status (voluntary reporting, the same towers do not report everyday): 23% outages in St. Croix; 100% outages in St. John; 77% outages in St. Thomas; 19.4% outages in PR *(ESF-2 Update, September 12, 2017, 1:46 a.m. EDT)*
  - FL
    - 27 Public Service Answering Points (PSAPs) affected, 14 of which are down with no re-routes *(ESF-2 Update, September 12, 2017, 1:46 a.m. EDT)*

- 27.4% of cell sites in the disaster area are out of service; counties with 50% or greater of cell sites out include: Collier, Hendry, Highlands, Lee, Miami-Dade, and Monroe *(FCC DIRS SitRep, September 11, 2017, 1:00 p.m. EDT)*
- Coordination is underway for transportation waivers for oversized loads from states throughout Region IV; coordination is underway to allow communications carriers to follow ESF-12 bucket trucks into areas that are being restored *(ESF-2 Update, September 11, 2017, 1:58 p.m. EDT)*
- DHS Government Emergency Telecommunication System(GETS)/Wireless Priority Service to maximize use of wireline priority service is fully functional through October 6, 2017; an extension has been requested for an additional 30 days *(Region IV SitRep, September 11, 2017, 7:00 a.m. EDT)*
- MERS and Mobile Communications Office Vehicle assets assigned to support FEMA IMAT, US&R, ESF-8 NDMS, and Incident Staging Base teams on site in FL, GA, and SC arrived and awaiting assignment based on identified gaps *(ESF-2 Update, September 11, 2017, 1:58 p.m. EDT)*

- ***ESF-3: Public Works and Engineering***
  - USVI
    - Assessments of critical facilities initiated in St. Thomas. Another Critical Public Facilities team is on stand-by and is prepared for deployment *(ESF-3 Update, September 11, 2017, 12:49 p.m. EDT)*
    - USACE has received prioritized assessment requests from FEMA. The majority of temporary power support will be on St. Thomas; shipped generators with an expected arrival date of September 16 *(ESF-3 Update, September 12, 2017, 1:49 a.m. EDT)*
    - Blue Roof Mission: USACE Temporary Roofing Planning and Response Team (PRT) arrived in USVI. The PRT conducted an assessment of high priority critical facilities in St. Thomas *(ESF-3 Update, September 11, 2017, 2:07 p.m. EDT)*
  - PR
    - Five Debris subject matter experts (SMEs) assisting PR with plan for debris management. Debris assessments have been initiated in northeast PR *(ESF-3 Update, September 11, 2017, 2:17 p.m. EDT)*
    - Hydro survey operations ongoing. Survey results will indicate if dredging is required to fully restore federal navigation channels *(ESF-3 Update, September 11, 12:45 p.m. EDT)*
    - Two Temporary Emergency Power Planning and Response Teams are in USVI and PR. Assessments of FEMA assigned generators in PR has been initiated *(ESF-3 Update, September 11, 2017, 12:49 p.m. EDT)*
    - A supplemental Infrastructure Assessment Team arrived on 10 Sep and is engaged with FEMA & EPA to provide technical assistance *(ESF-3 Update, September 11, 2017, 17:56 p.m. EDT)*
  - FL
    - Debris Planning and Response Team (PRT) is supporting FL. The primary focus is to support post-storm mobility for first responders and removal routes from shelter locations to major state highway arteries *(ESF-3 Update, September 11, 2017, 2:17 p.m. EDT)*
    - Blue Roof Mission: USACE Personnel and Advanced Contract Initiative (ACI) contractor attending meeting in Jacksonville to discuss timeline for mobilization and execution. In addition, USACE temporary roofing SMEs coordinating a flyover of South Florida residential areas. *(ESF-3 Update, September 12, 2017, 2:47 a.m. EDT)*
    - USACE Power teams are in Groveland and Tallahassee, FL and are prepared to respond *(ESF-3 Update, September 11, 2017, 12:49 p.m. EDT)*
    - USACE dredges are stationed near impacted region and are prepared to deploy *(ESF-3 Update, September 11, 2017, 12:45 p.m. EDT)*
    - Miccosukee Tribe: Two water pumps delivered on September 11, 2017 by USACE *(ESF-3, September 12, 2017, 3:39 a.m. EDT)*
  - GA: Power team in place to provide temporary power via generators; additional power team on alert *(ESF-3 Update, September 11, 2017, 2:05 p.m. EDT)*
- ***ESF-4: Firefighting***
  - USVI: Assessments of fire departments continue, no shortfalls at this time *(ESF-4 Update, September 11, 2017, 4:40 p.m. EDT)*
  - A Type 3 All Hazards IMT (AHIMT) from PA en route to support 17 2- person saw crews in Lake City, FL
  - ESF-4 supporting ESF-13 with an AHIMT from Colorado to manage a law enforcement base camp at Moody Air Force Base, GA *(ESF-4 Update, September 12, 2017, 2:48 a.m. EDT)*

- The 300 radios requested by the Seminole Tribe in Florida are available for distribution pending cost share discussion *(ESF-4 Update, September 12, 2017, 3:38 a.m. EDT)*

- ***ESF-5: Information and Planning***
  - USVI/PR: Civil Air Patrol: 2 aircraft, 22 personnel, 3 imaging sorties completed over USVI, images uploaded to FEMA site *(CAP Update, September 11, 2017 3:51 p.m.)*
  - FL:
    - Working with USACE and NOAA to conduct surveys of water ways and what reconstitution needs currently exist *(USCG Update, September 11, 2017, 1:43 p.m. EDT)*
    - Senior USCG and elected officials including USCG Atlantic Area Commander, Florida Governor Scott, and USCG District 7 Commander Rear Admiral Brown, Florida Senators Rubio and Nelson, Congressman Curbelo, and Congresswoman Ros-Lehtinen participated in two USCG fixed wing damage assessment overflights on September 11, 2017 *(ESF 15 Update, September 11, 2017, 5:51 p.m. EDT)*
- ***ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services***
  - ESF-6 coordinated with Region IV Donations Management staff to identify warehouse locations, shortfalls, and limiting factors that might impact warehousing capacity for donations management and moving assets efforts. *(ESF-6 Update, September 12, 2017, 01:05 a.m. EDT)*
    - Relayed offers of private sector donations of warehouse space to complement existing warehousing efforts to Region IV
    - Red Cross Safe and Well website has a total of 1552 registrations, an increase of 674 from the 9/11/2017
  - PR: Salvation Army: expecting to house 80 more individuals at The Salvation Army Kroc Center who have been evacuated from a health center in Guayama, PR.
  - USVI: Salvation Army: FEMA Regional Contracting Officer coordinated with a local propane/fuel vendor to have the St. Thomas facility added as part of the daily mission runs. FEMA is working through the territory to coordinate transportation of four generators from Philadelphia, PA to St. Thomas via barge along with other FEMA assets.
  - FL:
    - Temporary Housing Strategy TSA for 4337-Fl has started and auto-dialer calls commenced around 9:00pm. This is for applicants from the initial 9 designated counties at this time *(ESF-6 Update, September 12, 2017, 01:05 a.m. EDT)*
    - ESF-6 projects possible shortfalls in shelter staffing and the ability to sustain long term feeding mission; ESF-6 is negotiating with contract providers to establish mass care support capabilities.
    - Salvation Army: 32 Mobile feeding units (with total 48,000 daily meal capacity) along with supporting equipment are already positioned and ready to deploy once the storm passes, estimated arrival is September 14, 2017; more than 3,000 trained volunteers and personnel to support response efforts;
      - Salvation Army working on a potential airlift to move assets from Jackson, MS to Marathon, FL to support feeding operations; beginning to mobilize resources on September 11
    - Southern Baptist Disaster Relief currently has the capacity to provide 238,000 meals using 15 kitchens.
  - GA: Salvation Army supporting feeding at 19 locations in GA; capacity: 28,500 meals per day; able to maintain this level of feeding as long as required.
  - AL: Salvation Army supporting feeding at two locations (Selma and Dothan) *(ESF-6 Update, September 11, 2017, 2:05 p.m. EDT)*
- ***ESF-7: Logistics Management and Resource Support***
  - USVI/PR:
    - USVI: 210,294 meals and 115,200 liters of water currently pre-positioned *(ESF-7 update, September 11, 2017, 10:49 p.m. EDT)*
    - PR: 161,968 meals and 70 generators are currently on hand *(ESF-7 update, September 11, 2017, 12:30 p.m. EDT)*
    - Maritime Sea Bridge:
      - 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

        - 903,000 meals, 23 GSA vehicles, and an MCOV being shipped on SS Wright, estimated arrival in St. Thomas on September 19; ship has 325 berthing units and will be used for responder lodging
    - Air Bridges:
        - Passenger air bridge operational for Department of Defense airplanes to move federal responders and vehicles to San Juan, PR
        - Commodity air bridge: a Boeing 767 plane continues to fly meals daily from Houston to San Juan; each trip brings 90,000 meals; 360,000 meals delivered to date; expecting six more trips over the next three days from TX *(ESF-7 update, September 12, 2017, 1:30 a.m. EDT)*
    - Additional commodities are being loaded onto a separate vessel in NJ to support USVI/PR
        - 252,720 meals and 1,570,656 liters of water. Expected to depart NJ September 12 and arrive in PR on or around 9/18 *(ESF-7 update, September 11, 2017, 12:45 p.m. EDT)*
  - CONUS: 8,479,850 meals, 12,309,122 liters of water, and 199 generators on hand in the Southeast
    - Seminole Tribe of Florida identifying location for points of distribution (PODs); no need for mass care, food, or Red Cross assistance requested *(Tribal Liaison, September 11, 2017, 9:13 p.m. EDT)*
    - FL: 584,136 meals, 382,542 liters of water, and 112 generators on hand *(ESF-7 update, September 11, 2017, 12:30 p.m. EDT)*
    - AL: 7,171,153 meals, 9,328,544 liters of water, and 0 generators on hand *(ESF-7 update, September 12, 2017, 12:30 a.m. EDT)*
    - NC: 341,473 meals, 1,827,031 liters of water, and 57 generators on hand *(ESF-7 update, September 12, 2017, 12:30 a.m. EDT)*
    - SC: 383,088 meals, 771,005 liters of water, and 0 generators on hand *(ESF-7 update, September 12, 2017, 12:30 a.m. EDT)*
    - GA: 0 meals, 0 liters of water, and 30 generators on hand *(ESF-7 update, September 12, 2017, 12:30 a.m. EDT)*
    - Fuel deliveries to FL are pending subsidence of tropical storm force winds
        - Per the State, escorts are arranged to move commodities from Fort Bragg to FL, with expected arrival on September 12 via ESF-13; vehicle traffic returning to FL may affect/delay arrival times *(ESF-7 update, September 12, 2017, 1:30 a.m. EDT)*
    - Federal buildings closed on September 11: FL 413 (all), GA +148, SC +35, AL +40, USVI + 3, PR +1 *(GSA update, September 11, 2017, 7:00 p.m. EDT)*
- ***ESF-8: Public Health and Medical Services***
  - USVI and PR:
    - 3 Disaster Medical Assistance Teams (DMAT), 1 Incident Response Coordination Team (IRCT) are supporting operations *(ESF-8 Update, September 11, 2017, 11:41 a.m. EDT)*
    - Major medical evacuations from St. Thomas and St. John to St. Croix (STX) and Puerto Rico (PR) were completed and will remain ongoing on an as-needed basis At least 30 patients have been evacuated for medical reasons from STT to San Juan, PR for a cumulative total of approximately 100 *(Incident Status Summary (ICS) 209-FEMA FEMA-4335-DR-VI)*
  - FL:
    - Teams in Orlando: 1 IRCT, 1 Disaster Mortuary Operational Response Assessment Team (DMORT) en route, 1 Mobilization Team (MOB), 3 Rapid Deployment Force Teams (RDF), 7 Disaster Medical Assistance Teams (DMAT), and 4 DMATs en route *(ESF-8 Update, September 12, 2017, 2:55 a.m. EDT)*
    - The initial 100 ambulances assigned to FL being utilized; an additional 200 ambulances, 3,500 paratransit seats, and 25 aircraft (15 rotary wing, 10 fixed wing) are staged in support of FL *(FEMA, September 11, 2017, 4:06 p.m. EDT)*
  - GA: 1 IRCT in Valdosta *(ESF-8 Update, September 10, 2017, 1:00 a.m. EDT)*
  - Seminole Tribe of Florida: Many need medical assistance teams for triage and transport of tribal members to other areas and hospitals, depending on impact severity of impacts on tribal lands *(Tribal Liaison, September 11, 2017, 2:05 p.m. EDT)*
- ***ESF-9: Search and Rescue***
  - USVI/PR
    - Three FEMA Urban Search & Rescue (US&R) task forces and ESF-9 partner agencies continue operations on St. Thomas, St. John, USVI and PR; search operations 95% complete on St. John
    - USCG Sector San Juan is coordinating with cruise ships and interagency to evacuate tourists from St. Thomas, USVI
  - CONUS

    - FL: 10 lives saved by USCG *(ESF-9 & USCG Updates, September 12, 2017, 2:00 a.m.)*
    - Twelve task forces and three Hazardous Materials Equipment Push Packages staged in FL or GA; four of the eight task assigned to FL have begun operations per direction from the State and Region IV
    - USCG forces re-opened Air Station Miami and reconstituting other Air Facilities; 23 inbound flights scheduled for today for post-storm assessment and response; overflights of the Florida Keys report no signs of distress; helicopter-equipped cutters en route to FL Keys to arrive September 12, 2017
- ***ESF-10: Oil and Hazardous Materials Response***
  - USCG has 47 National Strike Force personnel supporting the response to Hurricane Irma in St. Louis, Tallahassee, Savannah, Atlanta, Miami, Mobile, San Juan, and St. Thomas
  - USVI/PR
    - No reports of damage to high-risk facilities in PR and USVI; EPA responders deployed to lead assessments of fixed facilities and potentially contaminated hazardous debris in coordination with the USACE and the Virgin Island Emergency and Environmental Agencies
    - PR: EPA superfund site conditions are being assessed through responsible entities and by conducting ground verification as appropriate; EPA continues to assist the local water and health departments in prioritizing drinking water facilities needs for Federal assistance; two communities identified in need of generators *(USCG Update, September 12, 2017, 2:10 a.m. EDT)*
  - CONUS
    - EPA and USCG providing assistance to the state of Florida as part of in Hazardous Assessment Response Teams to assess the status of oil facilities and prioritize hazardous substance spill reports; initial pollution reports in Florida are being received and resources are being mobilized to conduct post-storm assessments
    - EPA has identified approximately 4,500 Community Drinking Water Systems in FL, AL, GA, and SC that serve approximately a population of 38 million; EPA is supporting USACE in conducting damage assessments *(USCG Update, September 12, 2017, 2:10 a.m. EDT)*
- ***ESF-11: Agriculture and Natural Resources***
  - USVI/PR:
    - U.S. Department of Agriculture and U.S. Department of Health and Human Services are coordinating on policy regarding evacuation of pets and other animals from USVI, PR, and other Caribbean nations and importation to United States *(ESF#11 SitRep Email, Situation Report, September 10, 3:15 p.m.)*
    - GreaterGood.org/Rescue Bank donated pet food and pet supplies to support commodity distribution and pet sheltering operations; initial supply in Puerto Rico available to ship to USVI
    - St. Thomas Humane Society requested pet assessment teams (immediate priority), pet sheltering teams, and pet food/supplies to meet pet support needs; teams are being mobilized to fulfill request, arrival date unknown *(ESF-11 Update, September 11, 2017, 4:00 p.m. EDT)*
  - CONUS:
    - FL requested 15 individuals for an animal task force; ESF-11 is planning to fulfill request by September 13, 2017 *(ESF-11 Update, September 11, 2017, 2:18 p.m. EDT)*
    - Response by National Animal Rescue and Sheltering Coalition teams staged in and around FL (animal assessment, animal search and rescue, animal transport, and animal sheltering) is pending subsidence of tropical storm conditions; teams staged in GA can assist in FL, as necessary *(ESF-11 Update, September 11, 2017, 9:45 a.m. EDT)*
- ***ESF-12: Energy***
  - USVI/PR: Procurement in process to deploy 30 crews and equipment for pole replacement, installation, and tree trimming for the Rio Grande municipality as part of a Mutual Aid Assistance request; work anticipated to take 3-5 weeks *(ESF-12 Email Update, September 12, 2017, 12:45 a.m. EDT)*
  - CONUS
    - There are terminals delivering fuel in Florida, but there are shortages and a number of stations without fuel; fuel shortages could worsen in Florida if Port Everglades does not reopen soon *(ESF 12 Update, September 11, 2017, 6:00 p.m. EDT)*
    - Florida Power and Light (FPL) has 17,000 personnel from over 30 states on standby to aid power restoration; FPL stood up 22 staging sites to facilitate expedite restoration *(ESF-12 Sit Rep September 11, 2017, 8:30 a.m.. EDT)*

    - GA Power has mobilized 3,400 personnel to respond and aid restoration efforts *(ESF-12 Sit Rep, September 11, 2017, 8:30 a.m. EDT)*
  - Fuel Status
    - Service stations in various FL metropolitan areas are without gasoline
    - Retail station outages do not indicate a supply shortage, but are likely due to increased demand and challenges resupplying stations during the storm.
    - Florida is working closely with shippers and truckers in the state to resupply stations (ESF 12 Sitrep #36, September 11, 2017)
  - Turkey Point (FL) Units 3 and 4 are under "hot shutdown". Unit 3 will be assessed for restart pending a preliminary capability assessment by FEMA; no schedule for restart yet for Unit 4 due to non-emergency valve malfunction; both units remain in Mode 3 (hot shutdown) and are stable at normal operating temperature and pressure *(R-IV Sit Rep, September 11, 2017, 6:40 p.m. EDT)*
  - St. Lucie (FL) Unit 1 shutdown due to saltwater contamination issues and planned to restart on September 11th. St. Lucie Unit 2 remains at 100% power; FEMA RIV performed a preliminary capability assessment for St. Lucie Nuclear Power Plant and concluded that all five counties are capable of implementing their radiological emergency response plans and procedures in order to protect the health and safety of the public in the event of an accident
  - Hatch (GA) and Farley (AL) Nuclear Power Plants remain at 100% power with no reported storm impacts *(FEMA THD Update, September 12, 2017, 4:00 a.m. EDT)*
- ***ESF-13: Public Safety and Security***
  - USVI/PR:
    - Coordinating security detail for FEMA Administrator to USVI *(ESF-13 Update, September 11, 2017, 9:45 p.m. EDT)*
    - ESF-13 personnel in San Juan, PR and St. John, USVI report the "usual" amount of petty crime; reports from the field state that 80% of USVI police force has returned to duty
    - Anticipated EMAC request for 100 officers from the NYC police department or NJ state police for USVI *(ESF-13 Update, September 11, 2017, 12:00 p.m. EDT)*
    - Four quick reaction teams (QRTs) deployed to San Juan, PR in support of ESF-8 and ESF-9 operations in PR and USVI *(ESF-13 Update, September 11, 2017, 10:10 a.m. EDT)*
  - CONUS
    - Coordinating potential escort of convoy for FEMA commodities *(ESF-13 Update, September 11, 2017, 9:45 p.m. EDT)*
    - Coordinating with Florida on potential State Deputation *(ESF-13 Update, September 11, 2017, 9:45 p.m. EDT)*
    - Law enforcement staging camp at Moody AFB, GA is operational
    - Seminole Nation is expected to submit a resource request form for approximately 125 federal law enforcement officers to provide assistance
    - ESF-13 Field Support Team deployed a logistics team to Orlando, FL to establish a Forward Operating Base at or near ESF-8 and ESF-9 forward deployed assets
    - 14 QRTs in Region IV assigned to force protection missions for ESF-9 and ESF-8; five additional QRTs will arrive by September 13; 14 additional QRTs on stand-by at their home station *(ESF-13 Update, September 11, 2017, 10:10 a.m. EDT)*
- ***ESF-15: External Affairs***
  - Daily Congressional conference calls and advisories are being provided for operational updates for those Members and staff with affected Congressional Districts *(ESF 15 Update, September 12, 2017, 12:12 a.m. EDT)*
  - USVI
    - Intergovernmental Affairs coordinating with PR and USVI for FEMA Administrator Long's visit on September 12, 2017
    - USVI government providing information to the public via the USVI Department of Tourism website "usviupdate.com"; FEMA is promoting the site in interviews, press conferences and social media *(ESF 15 Update, September 12, 2017, 12:12 a.m. EDT)*
  - FL
    - Tribal Affairs: FEMA Tribal Liaison Officer and team are traveling to both Seminole Tribe and Miccosukee Tribe September 12, 2017 to support operations and coordinate logistics needs
    - Private Sector: Initial reports of small businesses opening faster than big box stores, many of which are closed due to damage or generator issues

        - Social media: There is a growing concern on the availability of gas for those who evacuated and looking to return home in a few days; people are seeking information on open gas stations and when it is safe to return home *(ESF 15 Update, September 12, 2017, 12:12 a.m. EDT)*
- ***U.S. Coast Guard***
    - USVI/PR: USCG aircraft and cutter fleet providing maritime security, continuing port assessments, and transporting supplies, equipment, and USCG and interagency teams to St. Johns and St. Thomas for life safety and life sustaining missions
    - CONUS: USCG will assess and develop plan to reconstitute critical maritime communication towers; preliminary damage assessments identified inoperable communications towers in Islamorada, Princeton, Ramrod Key, Vaca Key, Naples, and Shell Point; USCG has a mobile communication vehicle marked for flight to Key West once runways are cleared/operational *(USCG Update, September 12, 2017, 2:07 a.m. EDT)*
- ***U.S. Department of Defense (DoD)***
    - US Northern Command (USNORTHCOM):
        - USVI/PR:
            - USNORTHCOM and USTRANSCOM moving an Army Medical Support Company, two Critical Care Air Transport (CCAT) teams and the En Route Patient Staging System (ERPSS)-10 from St. Croix to St. Thomas to establish temporary medical facilities, mission assignment for sourcing surgical capability is anticipated to enhance the ability to provide temporary medical support services
            - Twenty-sixth (26th) Marine Expeditionary Unit is conducting route clearance operations in St. Thomas and will soon move to St. John *(DOD Update, September 12, 2017, 12:31 a.m. EDT)*
            - The Civil Affairs Information Support Element (CAISE) arrived St. Thomas to distribute emergency messages in support of response operations in USVI *(DOD Update, September 12, 2017, 12:31 a.m. EDT)*
        - FL:
            - USS Abraham Lincoln initiated air operations Monday afternoon. Once the USS Iwo Jima and USS New York reach the southern tip of Florida Tuesday morning, the USS Abraham Lincoln will move up the western coast of Florida to provide a wider array of support *(DOD Update, September 12, 2017, 12:31 a.m. EDT)*
            - SAR resources from Moody AFB, Patrick AFB, Davis Monthan AFB, Nells AFB, and Fort Campbell are prepared to support operations in Florida
            - Coordination is ongoing for the Salvation Army to pursue other means of transport than Strategic Airlift for their mobile kitchens from Mississippi to Key West, FL
    - Defense Logistics Agency (DLA):
        - 31 generators delivered to Lakehurst, NJ and 11 high-end (1-2MW) generators delivered to Groveland, FL in support of Hurricane Irma
            - Twenty-eight of 31 forward shipped by FEMA to VI/PR
            - Additional 40 high-end generators (1.2-1.8 MW) requested for support to FL and GA
        - Increased meal delivery mission assignments to a total of $159M to include MREs and shelf-stable meals
            - Diverted remaining meals dedicated for Harvey to Maxwell AFB, AL in support of Irma
            - Delivering 1.2M commercial meals daily to Ellenwood, GA September 11-20, 2017; deliveries began on time
            - Providing 5M MREs to North Field, SC from September 12 to 15, 2017
        - Delivered 300K gallons of motor gasoline and diesel at Robbin AFB, GA on September 9; receiving requirements and developing "joint solutions" support to issue fuel to first responders and agencies.
        - Received Distribution Order (DO) to move 70,000 gallons of motor gasoline and 160,000 gals of diesel from Fort Hood, TX to Robins AFB, GA *(DoD Update, September 11, 2017, 2:08 p.m. EDT)*
        - Received Mission Assignment for food assistance in Florida up to $100M *(DOD Update, September 12, 2017, 12:31 a.m. EDT)*
- ***National Guard***
    - Received waiver request to allow Active Guard Reserves to remain engaged beyond the usual 72-hour limit *(NGB CEG Briefing, September 11, 2017, 4:00 p.m. EDT)*

- USVI/PR:
  - Supported evacuation of 1,400 US evacuees from USVI *(NGB CEG Briefing, September 11, 2017, 4:00 p.m. EDT)*
  - National Guard personnel supporting in USVI to improve communications capabilities as part of the Joint Incident Site Communication Capability *(NGB verbal update, September 11, 2017, 4:08 p.m. EDT)*
  - An estimated 12,000 citizens evacuated from PR to CONUS in the last 48 hours *(NGB CEG Briefing, September 11, 2017, 4:00 p.m. EDT)*
- CONUS
  - C-26 flights began today to support airlifts for logistics
  - EMAC support will begin for FL September 12, based on mission requirements *(NGB Update, September 11, 2017, 1:57 p.m. EDT)*
  - GA National Guard is coordinating request for more cots for GA shelters *(NGB CEG Briefing, September 11, 2017, 4:00 p.m. EDT)*
  - Providing support to 203 shelters *(NGB CEG Briefing, September 10, 2017, 4:00 p.m. EDT)*

- ***U.S. Department of the Interior (DOI)***
  - USVI/PR
    - National Park Service (NPS) Eastern Incident Management Team (IMT) mobilized to USVI to coordinate debris removal for access to park areas
    - Fish and Wildlife Services (FWS) Southeast Region partnered with the U.S. Forest Service to deliver supplies to FWS personnel in PR and USVI
    - US Geological Survey (USGS) Puerto Rico office continues to run on generator power and is closed to the public; two stream gauges are damaged and three stream gauges repaired, additional discharge measurements, repairing gages, and flagging for additional measurements ongoing
  - FL
    - 31 stream gauges and 10 groundwater stations are not reporting; numerous gages reporting flows above current rating curves or above peak record and will be priority for discharge measurements as weather conditions allow
    - The USGS National Geospatial Program delivered 1,300 maps to the Florida Department of Emergency Management for use in SAR operations; additional maps ordered and will be delivered September 12, 2017
    - The NPS IMT plans to send an insertion team to affected parks in south Florida as early as September 12 for early damage assessments; remainder of the team expected to arrive on September 15, 2017
  - Bureau of Indian Affairs (BIA)
    - Seminole Tribe: BIA is coordinating with Department of Interior's Office of Law Enforcement and Security on Hollywood Reservation request for Law Enforcement support; the Tribe approves use of non-BIA Law Enforcement to supplement the BIA order
      - Major issues reported by the Tribe: two shelters leaking, public safety buildings have roof damage beyond repair, no utility power, no cell phone service, landline capacities limited
  - Miccosukee Tribe of Indians reports no cell phone service, no utility power currently using generator for power, flooding, downed trees, canal levels cresting, severe wind gusts
  - Bureau of Land Management: Jupiter Inlet Lighthouse has no power and restoration is estimated to be 48 hours *(DoI Update, September 11, 2017, 11:21 a.m. EDT)*

- ***U.S. Department of State (DoS)***
  - 80 students and 70 animals evacuated from the University of America in the Caribbean and will arrive at Chicago, O'Hara Airport on September 12, 2017 at 4:30 p.m.
  - The Department of State Hurricane Response Task Force has evacuated US Citizen and foreign nationals from St. Maarten via air and ship with DOD support; additional evacuations expected September 12, 2017 *(DoS Update, September 12, 2017, 1:45 a.m. EDT)*

- ***U.S. Customs and Border Protection (CBP)***
  - USVI/PR:
    - P-3 Airplane with four Flight Crew personnel transported 15 Border Patrol agents to Puerto Rico *(CBP Update, September 11, 2017, 10:59 a.m. EDT)*
    - Conducted 10 transport missions for federal personnel, including four Special Agents from Postal Service to conduct search and rescue (SAR) for three missing Postal employees, who were located

safe on September 11, 2017; CBP assets including two Black Hawk Helicopters, two A-Star Helicopter, and ten Air-Marine Flight Crew Personnel continue to conduct SAR, transport, and reconnaissance missions. *(CBP Update, September 11, 2017, 11:04 a.m. EDT)*

- FL:
  - P-3 Airplane with eight Air-Marine Flight Crew personnel and MQ9 Predator (Unmanned Aircraft System) conducting reconnaissance, damage assessment, and picture/video missions, including providing real-time video feedback to the NRCC
  - 36 Border Patrol Swift-Water Rescue personnel deployed to FL and are actively performing SAR missions
  - Remaining 263 Border Patrol Agents will deploy at 4:00 a.m. EDT on September 12, 2017 *(CBP Update, September 11, 2017, 11:04 a.m. EDT)*

Commodities Table

- The following commodities are prepositioned in support of the incident

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	870,113	161,966	161,968
Water	106,000	0	0	0
Generators	0	35	70	70
CUSI	0	84	0	0

USVI	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Water	1,705,418	25,200	115,200	115,200
Meal	1,687,296	4,032	210,924	210,924
Cot	300	150	0	0
CUSI	100	5	0	0
Sheeting	28	28	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	27,768,599	6,352,165	11,547,663	9,328,544
Meal	11,453,243	308,592	11,687,734	7,171,153
Tarp	118,248	5,926	110,567	112,707
Blanket	53,676	0	53,676	47,801
Hygiene	50,000	0	50,000	50,000
Sheeting	42,965	2,016	14,981	15,379
Cot	20,385	0	20,984	19,496
Other	500	0	0	0
Generators	205	5	218	0

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	1,390,288	1,024,009	584,136	584,136
Water	1,095,552	802,028	382,542	382,542
Fuel	70,000	0	0	0
CUSI	686	72	0	0
Gen	339	49	112	112

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	0	0
Fuel	318,464	0	0	0
Gen	58	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	3,000,000	55,154	3,472,755	1,827,031
Meal	1,676,904	17,136	1,942,202	341,473
Blanket	40,000	8,094	36,738	13,853
Tarp	26,410	1,448	25,452	23,590
Other	500	0	0	1
Gen	94	0	83	57
THU	0	0	0	11
Cot	0	0	2,389	2,677
CUSI	0	0	13	13

NJ	Ordered To FEMA Staging Site	En Route To FEMA Staging Site	Arrived At FEMA Staging Site	Current On Hand at FEMA Staging Site
Meal	2,386,696	328,536	1,895,400	783,432
Hygiene	20,000	9,496	0	0
Water	16,128	31,104	1,651,296	1,570,656
Cot	10,000	978	9,684	9,684
Other	200	0	0	0
Gen	45	1	1	0

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	9,866,316	1,482,178	383,088	383,088
Water	1,800,000	1,064,064	771,005	771,005
CUSI	87	0	0	0

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

FL	Ordered To State / Territory	Shipped To State / Territory
Meal	3,290,240	2,184,627
Water	2,367,680	1,785,890

GA	Ordered To State / Territory	Shipped To State / Territory
Water	957,456	912,624
Meal	602,592	628,416
Blanket	20,000	22,885
Tarp	3,004	1,664
Cot	300	12,505

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

VI	Ordered To State / Territory	Shipped To State / Territory*
Meal	500,000	0
Water	500,000	0
Cot	150	0
CUSI	25	0

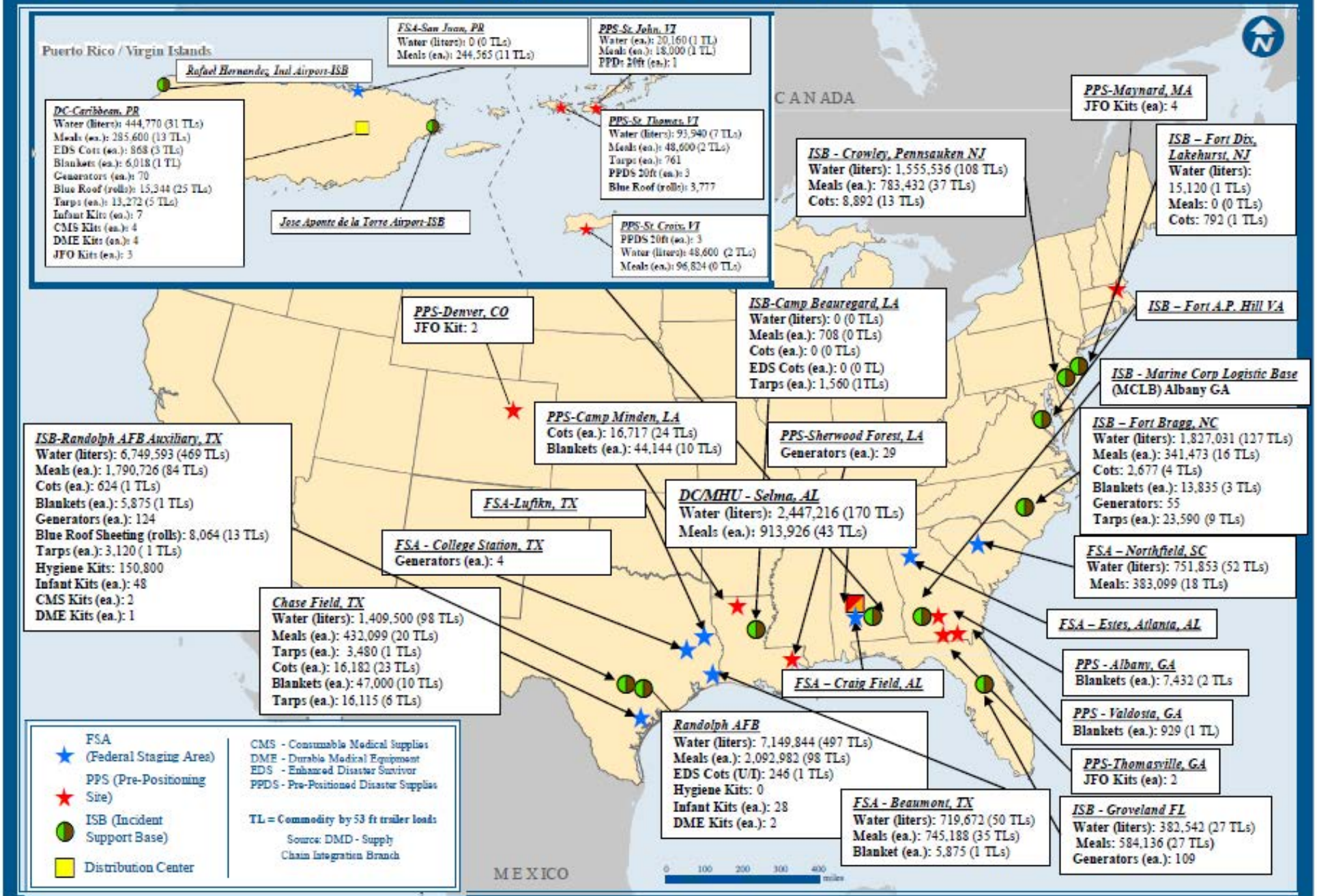
* Some commodities have been transferred to USVI; RSS is in the process of establishing formal accounting of commodities transferred to the territory

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

FEMA Logistics Pre-Positioned Sites - CONUS Commodities as Reported 9/12/2017 – 0300 EDT

FEMA

Logistics



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

MapID 27e0ae12c860830171649hqprod

Hurricane Irma – FEMA Responder Laydown (as of Sep 12, 2017 0200)

Total FEMA Supporting Hurricane Irma Actions

Responders on the Ground: 2043
FEMA Corps Members available to support: 81
Other FEMA staff supporting: 558
- R1 RRCC: 12
- R2 RRCC: 98
- R4 RRCC: 162
- NRCC: 286

Durham/ Raleigh, NC (DR-4285): 168
FEMA Responders: 168

Fayetteville, NC: 41
Other FEMA Responders: 21
SCF: 20

Columbia, SC: 42
Other FEMA Responders: 30
SCF: 12

Thomasville, GA: 62
FEMA Responders: 62

Atlanta/ Ellenwood/ Warner Robins, GA: 157
R-IMAT IV-2: 12
FEMA Corps Members: 6
Other FEMA Responders: 138
SCF: 1

Anniston, AL: 911
PMC Staff: 197
Other FEMA Responders: 436
SCF: 278

Montgomery/ Clanton, AL: 31
FEMA Corps Members: 6
Other FEMA Responders: 25

Tallahassee, FL: 276
N-IMAT E2: 27
N-IMAT E1: 27
R-IMAT I: 12
R-IMAT IV-1: 11
Other FEMA Responders: 117
SCF: 82

Jacksonville/ St Augustine, FL: 4
Other FEMA Responders: 4

Tampa/ Bradenton/ Largo, FL: 4
Other FEMA Responders: 4

Naples/ Fort Myers/ LaBelle/ Moore Haven, FL: 4
Other FEMA Responders: 4

Orlando/ Groveland, FL: 17
Other FEMA Responders: 17

Miami/ West Palm Beach/ Marathon/ Plantation, FL: 5
Other FEMA Responders: 4
SCF: 1

Aguedilla, PR: 5
FEMA Responders: 5

Caguas, PR: 6
FEMA Corps Members: 6

San Juan, PR: 234
R-IMAT X: 8
Other FEMA Responders: 207
SCF: 19

St. John/St. Thomas, USVI: 24
Other FEMA Responders: 24

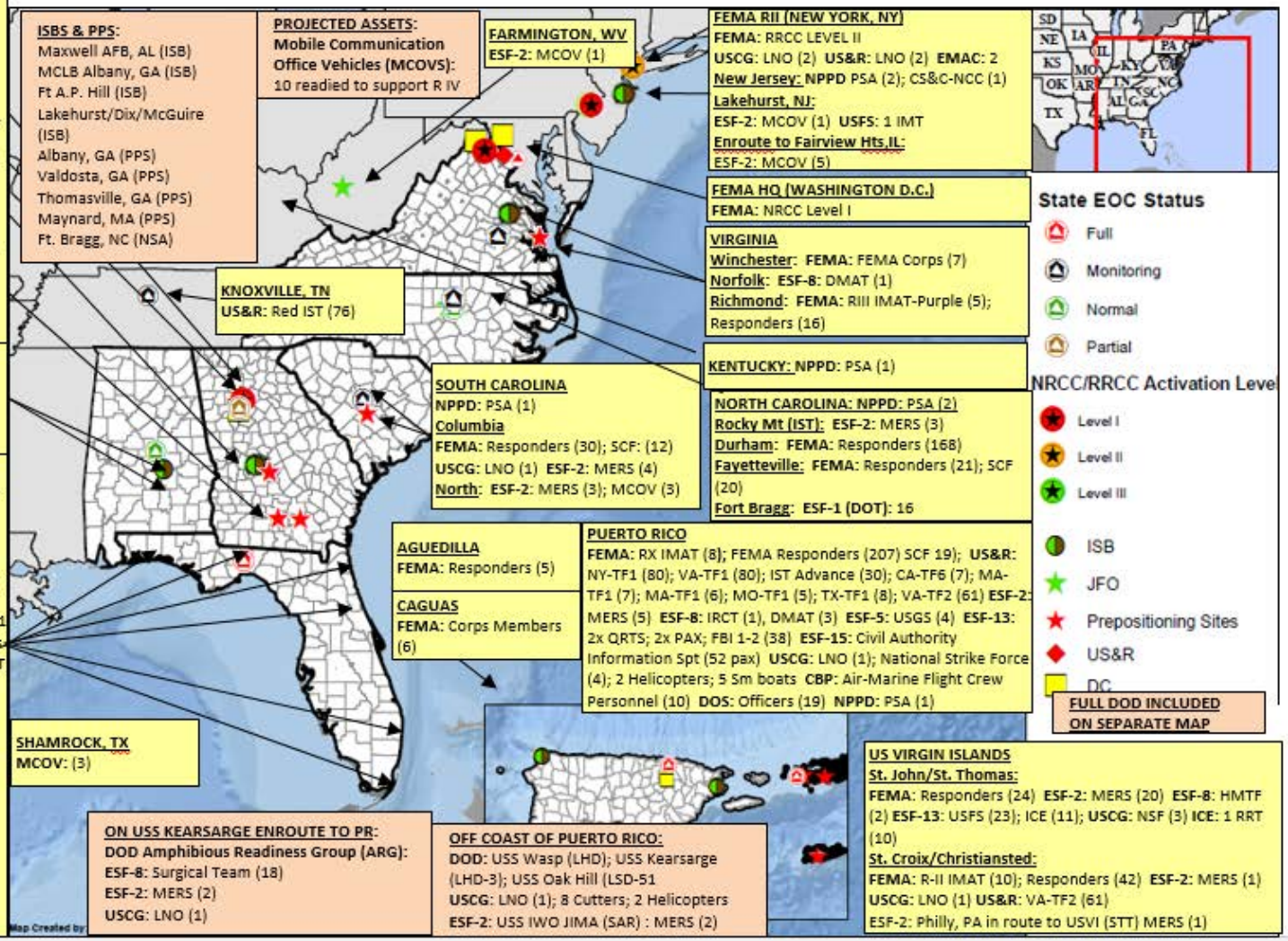
St. Croix/Christiansted, USVI: 52
R-IMAT II: 10
Other FEMA Responders: 42

Hurricane Irma – Federal Force Laydown & Assets (as of Sep 12, 2017 0500)

GEORGIA **NPPD:** PSA (9); CS&C-NCC (2)
FEMA RIV (Atlanta, GA) – RRCC Level I: **FEMA:** N-IMAT E1 (27); RI-IMAT (12); R-IV IMAT (2) (12 FEMA Corps (6); Responders (138); SCF (1) **ESF-8:** DMAT (3) **ESF-11:** 5 personnel **US&R:** LNO (2) **USCG:** LNO (3 RRCC) **EMAC:** 2 RRCC, 1 EOC **TSA:** VIPR (14)
Warner Robins: **US&R:** (Each Team=80) PA-TF1; NV-TF1; WA-TF1; TN-TF1; MD-TF1 (HEPP – 4) **USCG:** 9 WRFP FP
MCLB Albany: **US&R:** CO-TF1 (4 - HEPP); CO-TF1 (82); AZ-TF1 (80)
Moody AFB (Valdosta): **US&R:** (Each Team=80) CA-TF 1 & 4; IN-TF1 (4 - HEPP) **ESF-8:** IRCT (1) **ESF-13:** ATF 1-3 (95); USMS (25); DOJ-OIG (5); DoED-OIG (10); TIGTA 1 (17); BOP (100); 50 (CBP); FAM 1 (14); DOI 2 (25) **USFS:** 1 IMT; **TSA:** VIPR (14)
Savannah: **USCG:** 9 Helicopters
Thomasville: **ESF-2:** MCOV (7); MERS (9) **FEMA:** Responders (62)

ALABAMA
TSA: Mobile: **USCG:** 6 NSF FP; 3 AB-SKF
Montgomery: **FEMA:** FEMA Corps (6); Responders (25)
Anniston: **FEMA:** PMC Staff (197); Responders (436); SCF (278)

FLORIDA **NPPD:** PSA (17); CS&C-NCC (1); **ICE:** 4 RRT (63)
Tallahassee: **FEMA:** N-IMAT E1 (27); N-IMAT E2 (27); RI-IMAT (12); RIV-IMAT 1 (11); Responders (117); SCF: (82) **EMAC:** 4 **US&R:** LNO (2) **ESF-2:** MERS (9); MCOV (2) **ESF-11:** 2 personnel **USCG:** 7 State EOC; 13 Shallow water boats
Jacksonville: **USCG:** 12 WRFP; 7 Cutters; 18 Sm boats **FEMA:** Responders (4)
Orlando: **US&R:** AZ-TF1 (80); CA-TF1 (80); CA-TF4 (80); CO-TF1 (82); CO-TF1 (HEPP – 4); IN-TF1 (HEPP – 4) **FEMA:** Responders (17) **ESF-2:** MERS (9); MCOV (1) **ESF-8:** IRCT (1); SAT (1); DMAT (6); RDF (1); DMORT (1); MOB (1); **ESF-13:** BOP Logs 1 (10)
Miami/Marathon/Plantation/West Palm Beach: **FEMA:** Responders (4); SCF (1) **USCG:** IMT; NSF (4); 3 Fixed wing aircraft; 2 Helicopters; 10 Sm boats
St. Augustine: **US&R:** Red IST (62); IST Grd Support (7)
Valparaiso (Eglin AFB): **US&R:** (Each Team=80) CA-TF 3 & 8; NE-TF1; NJ-TF1 **CBP:** SRT ESF-1 (25)
Pensacola: **ESF-2:** MERS (9)
Tampa/Bradenton/Largo: **FEMA:** Responders (4)
Naples/Fort Meyers/LaBelle/Moore Haven:
FEMA: Responders (4)
Marco Isle: ESF-2: MERS 7



Recovery Snapshot
Post-Tropical Cyclone Harvey
Tuesday, September 12, 2017 (5:00 a.m. EDT)
Updates in Blue

Housing

- **Individual Assistance**

Individual Assistance *(as of September, 11, 2017, 11:02 p.m. EDT)*				
State	**Total Registrations**	**Total IHP$**	**Housing Assistance $**	**ONA $**
Texas	707,431	$313,643,240	$187,758,591	$125,884,649

- **FEMA Inspections**

Housing Inspections *(as of September 11, 2017, 11:02 p.m. EDT)*				
State	**Inspectors with Work**	**Inspections Issued**	**Inspections Complete**	**% Complete**
Texas	1,892	317,241	96,018	30.3%

- **Transitional Shelter Assistance (TSA)**

Transitional Sheltering Assistance *(as of September 11, 2017, 3:24 p.m. EDT)*		
State	**Currently Checked In to Hotel**	**Currently Eligible**
Texas	21,520	281,788

- **National Flood Insurance Program Claims Estimates**

NFIP Claims Estimate *(as of September 11, 2017)*		
State	**Claims Submitted**	**Advanced Payments to Insured Survivors**
Texas	83,000	$156.3M

- **Housing Programs**

SBA Home Loans *(as of September 11, 2017)*					
State	**Applications Received**	**% Processed**	**Applications Approved**	**Loan $ Approved**	**Average Loan Amount**
Texas	14,273	65%	1,046	$95,326,500	$91,134

- **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

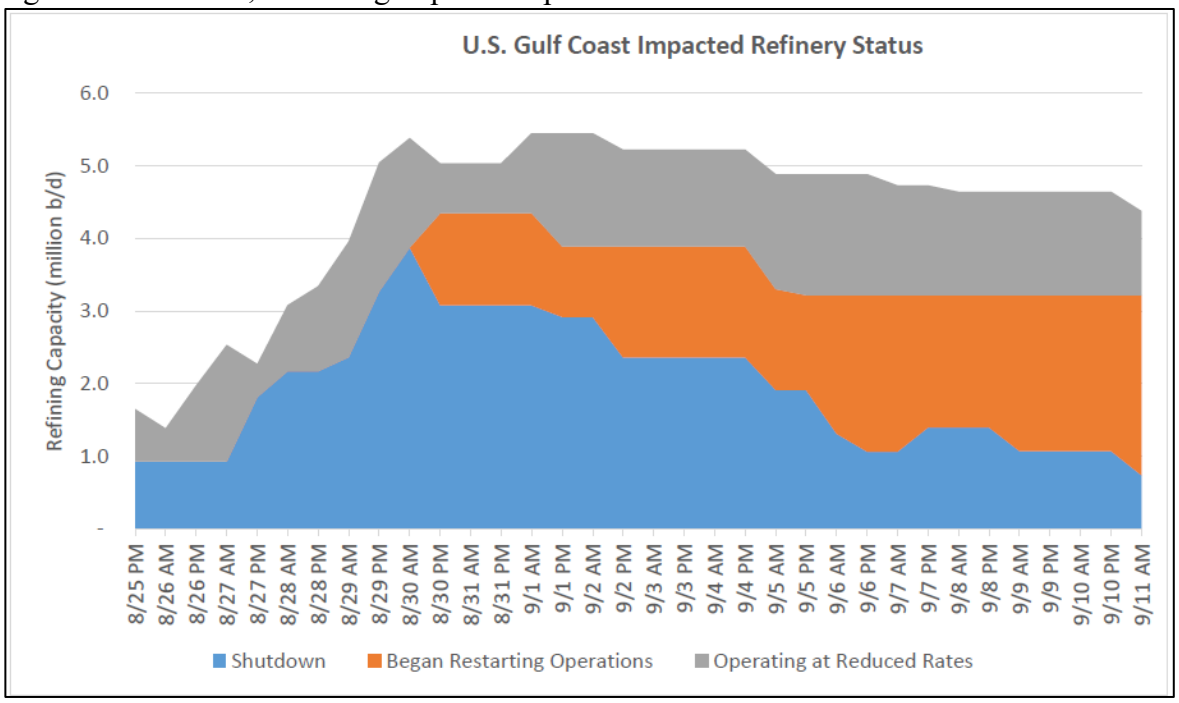
* (No change from 9/8/2017, HUD reports that new data will be presented twice per week, on Tuesdays and Fridays, starting Tuesday, September 12, 2017).

Infrastructure Systems *(FEMA Recovery Update, September 10, 2017, 3:30 pm 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**
  - All major airports are at normal operations
  - Texas Gulf Coast Regional Airport (LBX) has reopened with no restrictions

- 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 Kennedy is underway from FL to Houston, TX; expected to arrive on September 14, 2017
  - USTS Empire State in Ft. Schuyler, NY; departing on September 11, 2017 for Beaumont, TX; estimated to arrive on September 17, 2017
  - 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

- **Small Business Administration**

SBA Business Loans *(as of 09/11/2017)*				
State	**Applications Received**	**Applications Approved**	**Loan $ Approved**	**Average Loan Amount**
Texas	1,073	87	$7,644,400	$87,867

- **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 may be available on September 12

(Recovery Update, September 10, 2017, 3:30 p.m. EDT)

Responder Lodging

- USTS Empire State (650 beds) was delayed due to current weather conditions, and is now anticipated to arrive in Beaumont, TX around September 18; SS Kennedy (600 beds) anticipated to arrive in Houston, TX September 18