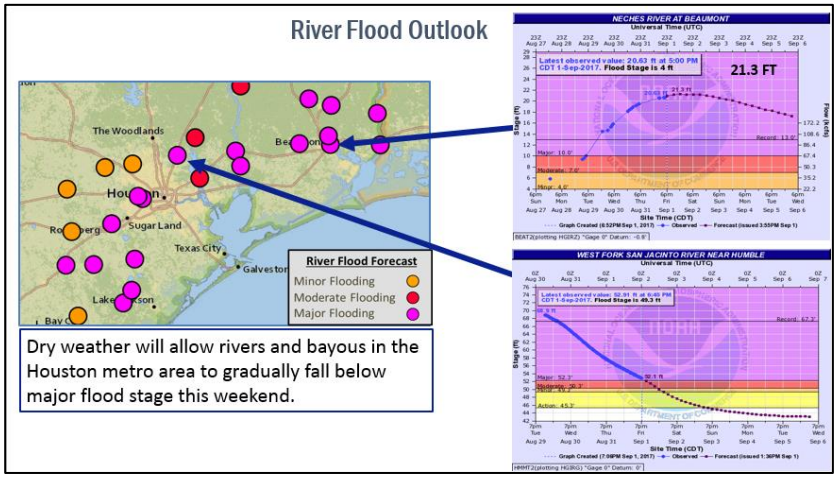
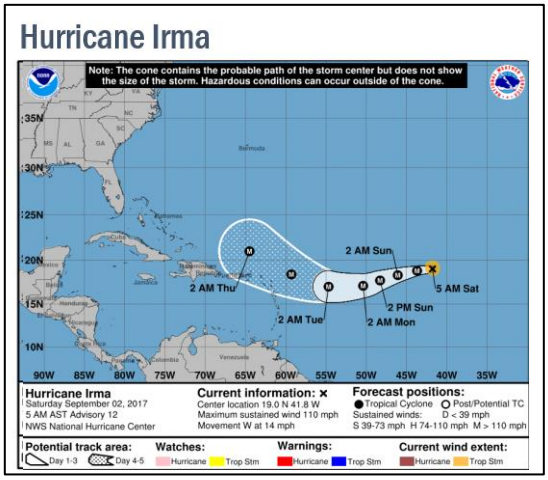
Senior Leadership Briefing
Post Tropical Cyclone Harvey
Saturday, September 2, 2017 (5:00 a.m. EDT)
Updates in Blue

Current Situation:

The remnants of Harvey will move through portions of the Northeast and Mid-Atlantic on Saturday. There could be some localized flash flooding and isolated tornadoes, however no widespread significant impacts are expected. Major to record flood impacts will continue along the mid and upper TX coasts and LA as peak river crests are likely to occur for most of the weekend. Long-duration flooding will significantly hamper response and recovery activities with chances for additional showers and thunderstorms in the area Sunday through Tuesday. *(NOAA Update, September 2, 2017, 3:23 a.m. EDT)*





Impact Summary:

- **Fatalities:** Media reporting at least 39 fatalities; state has not confirmed number of fatalities *(Associated Press, September 1, 2017, 5:09 a.m. EDT)*
- **Critical Infrastructure:**
  - Airports:
    - Open: George W. Bush Intercontinental (IAH), Corpus Christi International (CRP), William P. Hobby International (HOU), Victoria (VCT), Galveston (GLS), Corpus Christi (CRP), and New Orleans (MSY)
    - Closed: Jack Brooks Region (BPT) except for emergency aircraft (i.e. emergency landing); estimated reopening 10:00 a.m. on September 4; Texas Gulf Coast Regional (LBX) except for relief aircraft; and Houston Executive (TME) with restricted operations
    - Special Government Interest authorizations/waivers approved for the following Unmanned Aircraft System (UAS) operations in the disaster area: Houston, TX; Baton Rouge, LA; Sugar Land, TX; River Plantation, TX *(ESF-1 Update, September 1, 2017, 11:26 p.m. EDT)*
    - Federal Aviation Administration (FAA) has issued six active Airspace Coordination Areas (ACA) through September 1 for Houston and three ACAs through September 9 for LA
    - FAA issued multiple Temporary Flight Restrictions (TFRs) around Houston for safety rescue operations *(ESF-1 Update, September 1, 2017, 10:23 a.m. EDT)*
  - Rail:
    - BNSF Railway (BNSF): Galveston Yard is out of service with no estimated time of opening
    - Kansas City Southern Railroad (KCS): Beaumont Substation at Mauriceville is out of service due to water over the rails *(ESF-1 Update, September 1, 2017, 11:36 p.m. EDT)*
    - Union Pacific Railroad (UP): Repairs between Houston and San Antonio underway

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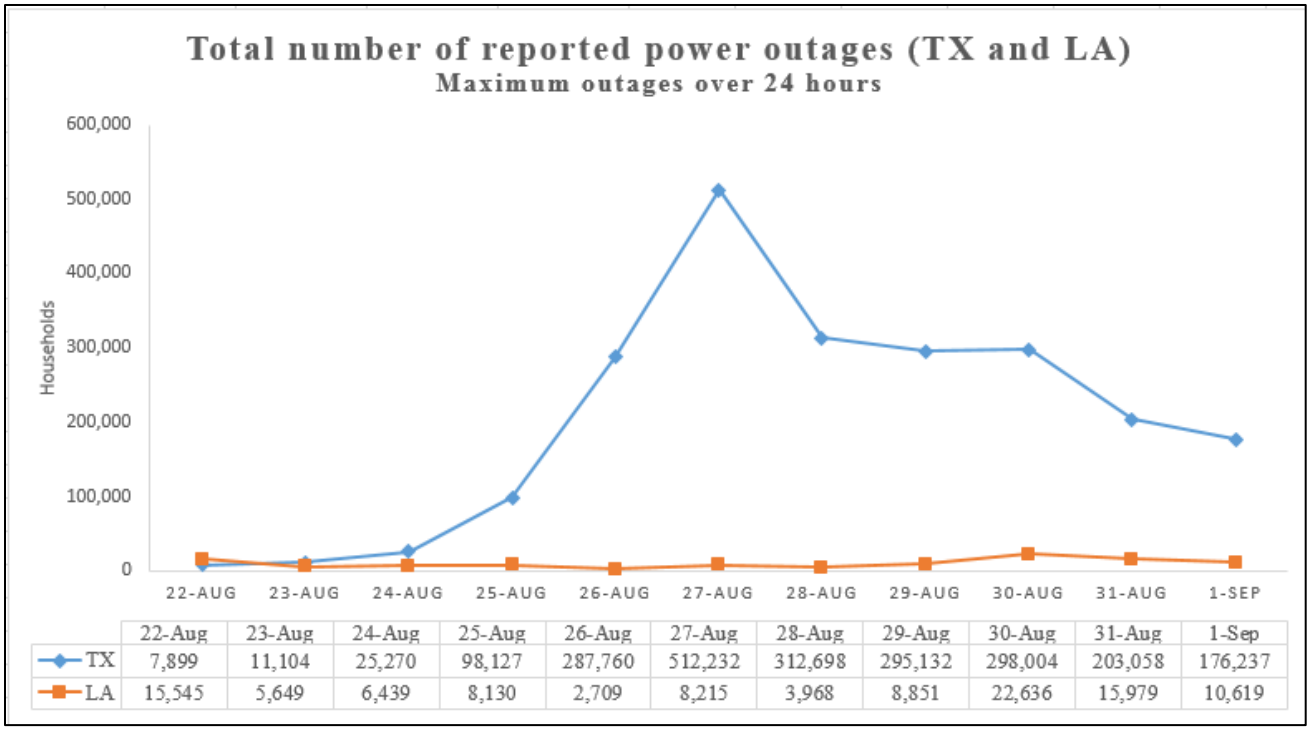
- Louisiana Northwestern Railroad (LNW): operational Tuesday, September 5 *(ESF-1 Update, September 1, 2017, 1:24 p.m. EDT)*
- Louisiana Delta Railroad (LDRR) interchanges with UP Railroad at New Iberia are shut down *(ESF-1 Update, September 1, 2017, 11:36 p.m. EDT)*

- Public Transit:
  - Victoria Transit running emergency services delivering food, water, ice, dialysis, and emergency medical transportation; plans to maintain this operation until September 5, 2017 *(ESF-1 Update, September 1, 2017, 11:45 a.m. EDT)*
- Ports:
  - Closed: Victoria, TX
  - Open with restrictions: Corpus Christi, Houston, Beaumont, Port Arthur, Orange TX and Lake Charles, LA
  - Open: Brownsville, Galveston, Texas City, Freeport TX and all other Gulf of Mexico ports *(ESF-1 Update, September 1, 2017, 11:39 p.m. EDT)*
- Power Outages: 144,906 (-8,037) customers in TX and 728 (-775) in LA without power *(ESF-12 Update, September 1, 2017, 11:20 p.m. EDT)*



	22-Aug	23-Aug	24-Aug	25-Aug	26-Aug	27-Aug	28-Aug	29-Aug	30-Aug	31-Aug	1-Sep
TX	7,899	11,104	25,270	98,127	287,760	512,232	312,698	295,132	298,004	203,058	176,237
LA	15,545	5,649	6,439	8,130	2,709	8,215	3,968	8,851	22,636	15,979	10,619

- Oil and Natural Gas:
  - Refineries beginning the process of restarting; six of ten previously closed refineries in the process of restarting, with an additional five operating at reduced rates *(ESF-12 Update, September 1, 2017, 11:20 p.m. EDT)*
- Water:
  - Pump, generator, and fuel arrived in Beaumont, TX, and is being installed to commence water treatment plant operations *(DHS/FEMA Region IV email, September 1, 2017, 8:21 p.m. EDT)*
- Dams and Levees:
  - Addicks and Barker reservoirs: Controlled releases are ongoing and water levels receding at both facilities; Addicks at 100% of reservoir capacity and Barker at 82% reservoir capacity *(ESF-3 Update, September 1, 2017, 8:34 p.m. EDT)*

When Will Major Flooding Recede?

West Gulf River Forecast Center

Area	Waterway	Below Major Recession Date	Additional Info
Columbus	Lower Colorado River	Receded	Drop out of flood Thursday night
Cuero	Guadalupe	Receded	Continue to fall as two rivers meeting are falling
Houston	Cypress Creek	Receded	Rapid Recession ongoing
Houston	West Fork San Jacinto near Humble	Saturday 9/2	Is receding but to still above major thru today
Victoria	Guadalupe	Saturday 9/2	Crested Thursday, falling below major on Saturday
Boling	San Bernard River	Sunday 9/3	Above record; expect a sharp recession this weekend
Kountze	Village Creek	~9/3 -9/5	Gage out; has a lot of small bayous that impact height
Wharton	Lower Colorado	Monday 9/4	Broad crest now before beginning to fall this weekend
Below Lake Limestone	Trinity River	Beyond Wed. 9/6	Livingston reducing releases, crest at Liberty today
Richmond	Brazos River	Beyond Wed. 9/6	Above record last year, still rising, crest ~56 feet Fri/Sat
Beaumont	Lower Neches	Beyond Wed. 9/6	Crest Saturday around 20 feet (No Gage) Above Record
Deweyville	Sabine River	Beyond Wed. 9/6	Toledo Bend still releasing, crest 31.57' tomorrow
Orange	Sabine River	Beyond Wed. 9/6	Crest 6.8 feet Monday and stay elevated into next week
Houston	Buffalo Bayou	Until Further Notice	Dictated by releases from Addicks and Barker
Brazoria County	Brazos River	Beyond next week	Probably the longest recession time
Sweeney	San Bernard	Beyond next week	May be part of the Brazos and Colorado Rivers

(NOAA Update, September 1,2017, 3:02 p.m. EDT)

Declaration Activity: (see Declarations Map, page 10)

- **Texas**
  - Major Disaster Declaration FEMA-4332-DR-TX effective August 25, 2017:
    - Amendment No. 3, effective September 1, includes three additional counties approved and added for Individual Assistance, Category A and B, including direct federal assistance under the Public Assistance program: Polk, Tyler, and Walker, bringing the total number of counties under disaster declaration to 36 *(Amendment No. 3 to Disaster Declaration, September 1, 2017)*
    - Amendment No. 2, effective August 30, includes 11 additional counties approved and added for Individual Assistance, Category A and B; an additional three counties were added for emergency protective measures (Category B) under the Public Assistance program *(Amendment No. 2 to Disaster Declaration, August 30, 2017)*
    - Amendment No. 1, effective August 27, for 19 counties
    - Federal Coordinating Officer (FCO) is Kevin L. Hannes *(Amendment No. 1 to Disaster Declaration, August 27, 2017)*
- **Louisiana**
  - Emergency Declaration FEMA-3382-EM-LA effective August 27, 2017:
    - FEMA authorized to provide emergency protective measures (Category B), including direct federal assistance, under the Public Assistance program for five parishes *(Emergency Declaration Summary 3382, August 28, 2017, 8:21 a.m. EDT)*
    - Amendment No. 1, effective August 28, includes seven additional parishes approved and added for emergency protective measures (Category B), including direct federal assistance, under the Public Assistance program *(Amendment No. 1 to Disaster Declaration, August 28, 2017)*
    - Additional seven parishes added for Category B: Allen, Acadia, Iberia, Natchitoches, Rapides, Sabine, and Vernon, bringing the total to 19 *(Region VI Situational Awareness Section, September 1, 2017, 12:01 p.m. EDT)*
    - FCO is William J. Doran III

Federal Force Laydown: (See Federal Force Laydown Map, page 12)

Department/ Agency	Personnel Deployed	Department/ Agency	Personnel Deployed
FEMA – Deployed	1,847 (+10)	National Weather Service	82
FEMA – Other Support	2,050 (+11)	Department of Defense - Guard Bureau - Title 32	17,928 (+592)
Urban Search & Rescue	1,136 (+3)	Department of Defense – Title X	1,638
Health and Human Services	1,303 (+80)	General Services Administration	35
Department of Transportation	12 (-8)	U.S. Army Corps of Engineers ESF #3	130 (+6)
United States Coast Guard	1,469	Department of the Interior	219 (+101)
DHS – NPPD	24	U.S. Forest Service (ESF 4)	252 (31)
Department of Energy	5	Small Business Administration	67
US Department of Agriculture	7 (-4)	Transportation Security Administration	232
Law Enforcement (ESF 13)	1,060	Housing and Urban Development	1
Customs and Border Protection	742 (-3)	Department of State	6
		TOTAL	**30,245 (+825)**

FEMA Headquarters:

- National Response Coordination Center (NRCC) activated to Level I (24/7) (all Emergency Support Functions [ESFs] and Liaison Officers [LNOs]) *(NRCC Planning Section Update, August 28, 2017, 4:00 p.m. EDT)*
- FEMA Region II Incident Management Assistance Team (IMAT) 1 demobilized for possible deployment for Irma *(Region VI Situational Awareness Section, September 1, 2017, 12:01 p.m. EDT)*
- **Recovery**
  - Mike Byrne named as the Federal Disaster Recovery Coordinator (FDRC) *(ESF-15 update, September 1, 2017, 1:30 p.m. EDT)*
  - Total IHP registrations: 481,346 (+32,999)
  - Total IHP dollars approved: $105,686,873 (+$22,195,881)
    - Housing Assistance: $28,761,510 (+$5,727,506)
    - Other Needs Assistance: $76,925,363 (+$16,468,376) *(Open Disaster Report, September 1, 2017, 11:01 p.m. EDT)*
  - Surge staffing continues for FEMA Strategic Workforce Augmentation Team (SWAT) for taking calls from three NPSCs, FEMA pop-ups, Headquarters, all FEMA Regions, and from home; 1,593 staff, including SWAT, projected to be online with capacity for 24,263 calls on September 1 *(Recovery Contact Center Surge Staffing Timeline, September 2, 2017, 12:00 a.m. EDT)*
  - Housing Inspection Services confirmed 1,482 (+33) badged inspectors are on the ground *(Recovery Contact Center Surge Staffing Timeline, September 2, 2017, 12:00 a.m. EDT)*
  - First Mobile Disaster Recovery Center (DRC) opened Friday, September 1 at Edna High School Football Stadium in Edna, TX, operating from 9:00 a.m. to 6:00 p.m. *(ESF-6 Update, September 1, 2017, 10:00 a.m. EDT)*
  - Transitional Sheltering Assistance (TSA): 10,260 (+2,268) households have checked into hotels from 29 TX counties *(Recovery Contact Center Surge Staffing Timeline, September 1, 2017, 12:00 p.m. EDT)*
- **Federal Insurance and Mitigation Administration**
  - FEMA directed NFIP to begin issuing advance payments to assist NFIP policy holders impacted by Hurricane Harvey

- $1.7 billion available to pay claims and $5.8 billion in borrowing authority to pay claims resulting from Hurricane Harvey *(FIMA Update, September 1, 2017, 10:57 p.m. EDT)*
- Over 63,000 National Flood Insurance Program (NFIP) claims submitted *(FIMA Update, September 1, 2017, 2:36 p.m. EDT)*

FEMA Region VI:

- Regional Response Coordination Center (RRCC) activated to Level I (24/7)
- Joint Field Office (JFO) in Austin, TX opened September 1
- **Texas**
  - State EOC at Full Activation
  - Active Emergency Management Assistance Compact (EMAC) missions include swift water, boat, advisory teams, civil support teams, patient medevac support, transitional shelter and housing subject matter experts, and helicopters; additional requests and pending mutual aid for additional swift water rescue, incident management teams, helicopters, and other support in process *(National EMAC Sit Rep #7, August 31, 2017, 1:00 a.m. EDT)*
    - 28 states are actively or in the process of providing support via EMAC *(SITREP #10, September 1, 2017, 4:11 p.m. EDT)*
  - Houston, TX implemented a curfew from 10:00 p.m. to 5:00 a.m. until further notice *(ESF-13 Update, September 1, 2017, 11:41 a.m. EDT)*
  - Texas National Guard, US Coast Guard, and American Airlines, through combined resources, evacuated 2,080 individuals from Beaumont, TX *(Region VI SAS Unit Lead, September 1, 2017, 11:59 p.m. EDT)*
- **Louisiana**
  - State EOC at Level I (24/7) Operations (ESFs 1, 3, 6, 7, 8, and DoD)
  - New Orleans EOC at Full Activation *(FEMA Region VI Spot Report, August 30, 2017, 1:00 a.m. EDT*

Interagency Coordination/Response:

- ***ESF-1: Transportation***
  - Three cruise ships previously unable to return to port arrived in Galveston September 1; a fourth cruise ship is in transit to Galveston on September 2; cruise lines plan to resume normal schedules from Galveston on September 2 or 3 *(USCG Update, September 1, 2017, 2:19 p.m. EDT)*
  - Port assessments underway in the Corpus Christi, TX area; United States Army Corps of Engineer (USACE) survey of deep draft channel is ongoing *(USCG Update, September 1, 2017, 2:19 p.m. EDT)*
- ***ESF-2 Communications***
  - Commercial communications companies assessing site damage and prioritizing service restoration as water recedes *(ESF-2 Update, September 1, 2017, 10:43 p.m. EDT)*
  - 27 of 36 Mobile Emergency Response Support (MERS) teams and 25 Mobile Communications Office Vehicles (MCOVS) deployed to TX and LA; continuing to arrive in selected Resource, Staging, Onward Movement, and Integration sites *(ESF-2 Update, September 1, 2017, 10:43 p.m. EDT)*
  - Reported cell tower outages remained steady with roughly 2.4% (-3.8%) outage in the disaster area
  - Public Safety Answering Points (PSAP): Seven PSAPs out of service but all have been re-routed so calls can be answered *(ESF-2 Update, September 1, 2017, 10:43 p.m. EDT)*
- ***ESF-3: Public Works and Engineering***
  - United States Army Corps of Engineers (USACE) continuing pre-installation inspections and generator installations in support of Temporary Emergency Power Mission; 32 currently installed and 15 in progress *(ESF-3 Update, September 1, 2017, 8:34 p.m. EDT)*
  - Two USACE personnel deploying to Corpus Christi and Harris County to facilitate coordination with EPA and Texas Commission on Environmental Quality water teams *(WWW-COP, September 1, 2017, 8:30 p.m. EDT)*
- ***ESF-4: Firefighting***
  - Three Incident Management Teams (IMTs) and four crews currently assigned to manage Resource Staging Areas and one IMT assigned to support community level logistics and emergency planning *(ESF-4 Update, September 1, 2017, 11:49 p.m. EDT)*

- ***ESF-5: Information and Planning***
  - NOAA conducting aerial imagery operations *(NOAA Update, September 1, 2017, 6:53 p.m. EDT)*
  - TX Army National Guard and Royal Singaporean Air Force conducted first joint mission September 1, supporting response and recovery efforts *(FEMA International Affairs Update, September 1, 2017, 1:48 p.m.)*
- ***ESF-6: Mass Care***
  - Individual & Households Program (IHP):
    - 118,775 applicants approved for IHP ($79.7 million) *(ESF 6 update, September 1, 2017, 1:16 p.m. EDT)*
    - 500 U.S. Army Corps of Engineers and 200 Department of Interior staff requested for 30 days to perform housing field inspections *(ESF 6 update, September 2, 2017, 12:53 a.m. EDT)*
    - Six month extension provided for Lodging Expense Reimbursement for applicants who incur out-of-pocket temporary lodging expenses due to damage affecting the habitability or accessibility of their primary residence, effective August 25, 2017 *(ESF 6 update, September 2, 2017, 2:01 a.m. EDT)*
  - Donations Management Task Force in coordination with External Affairs, International Affairs has scheduled a shipment of donations to arrive from Canada on September 2, 2017 *(ESF 6 update, September 2, 2017, 12:53 a.m. EDT)*
  - Shelters: Three mega shelters open at Houston Convention Center, NRG Stadium in Houston, and Kay Bailey Hutchinson Convention Center in Dallas; current shelter population estimated to be 42,399 (+8,545) at 258 (+15) shelters in Texas and 1,507 (-172) people at six shelters in Louisiana *(ESF-6 Update, September 1, 2017, 6:00 a.m. EDT)*
- ***ESF-7: Logistics Management and Resource Support***
  - Coordinating with FEMA International Affairs Division to receive pediatrics supplies donated from Canada on September 3
  - Three Incident Support Bases (ISBs) operating at Randolph-San Antonio, TX, Seguin, TX, and Pineville, LA
  - Commodity and distribution plan complete, sent commodities forward to ISBs and onward to federal and state staging areas set up
  - 22 Points of Distribution (PODs) currently operational in TX with meals and water staged and in transit
  - Planning to set up two responder support camps in TX:
    - Contracting for 500 beds at Cabanis Field in Corpus Christi and 1,500 beds at Ford Park in Beaumont, TX
    - Procured contract for first responder lodging facility (350 beds) at the USS Lexington Aircraft Carrier Museum in Corpus Christi, TX
    - Identifying additional large store front-type facilities in the Houston area for potential use as first responder lodging *(ESF-7 Update, September 1, 2017, 11:53 p.m. EDT)*
    - Maritime Administration (MARAD) sending three berthing ships to Area of Responsibility: *Empire State (NY), Kennedy (MA)*, due to arrive September 13 weather permitting; *General Rudder* currently in Galveston
  - Establishing generator and pump staging at Federal Staging Area (FSA) in Bryan, TX
  - 32 (-2) of 320 General Services Administration (GSA) owned and leased Federal buildings in affected areas in TX and LA closed; GSA deployed Delta Emergency Response Team to assess Federal buildings from west to east starting in Corpus Christi, TX *(ESF-7 Update, September 1, 2017, 4:26 p.m. EDT)*
  - Examining contracting options for a comfort station for responders in Seguin, TX *(OEHP Update, September 2, 2017, 12:30 a.m. EDT)*

Commodities Staged in TX

Product	Number Ordered	En route - ISB/FSA	Arrived - ISB/FSA	Released to State
Generators	201	61	134	0
Meals	26,927,120	2,521,120	7,105,526	4,091,131
Sheeting	8,000	1,248	6,816	0
Tarps	24,188	1,560	22,426	0
Water (Liters)	42,464,606	3,209,517	9,119,762	4,021,604
Blankets	128,002	6,676	122,261	13,995
Cots	84,861	27,214	31,999	13,472
Fuel	600,000	6,000	96,480	0
Infant/Toddler Kits	344	221	60	60
Durable Medical Equipment (reusable)	13	7	3	3
Consumable Medical Supplies (one-time use)	10	6	2	2

(ESF-7 Update, September 2, 2017, 12:00 a.m. EDT)

Commodities Staged in LA

Product	Number Ordered	En route - ISB/FSA	Arrived - ISB/FSA	Released to State
Generators	29	0	29	0
Meals	1,419,000	0	1,475,076	416,124
Tarps	22,000	0	19,088	0
Water (Liters)	2,000,000	0	2,029,706	414,069
Blankets	4,500	0	5,202	0
Cots	2,100	0	2,160	0
Infant/Toddler Kits	10	0	20	20
Durable Medical Equipment (reusable)	1	0	1	1
Consumable Medical Supplies (one-time use)	1	0	1	1

(ESF-7 Update, September 2, 2017, 12:00 a.m. EDT)

- ***ESF-8: Public Health and Medical Services***
  - Escalating health threats due to, but not limited to, crowded shelters, flooding, chemicals, mold, Salmonella, E.Coli, etc.
  - Flood waters will wash away immature mosquito populations, which if re-established in standing waters, could increase transmission of life-threatening mosquito-borne diseases including West Nile virus and St. Louis encephalitis. *(HHS Situation Report, September 1, 2017, 8:00 p.m. EDT)*
  - Full Incident Response Coordination Team pre-staged in Dallas and relocating to Austin on September 3; second Incident Response Coordination Team deployed members to Louisiana
  - 29 hospitals evacuated/closed; 12 (+5) hospitals re-opened
  - 23 dialysis facilities closed; 79 dialysis facilities re-opened *(EST-8 Update, September 1, 2017, 9:54 p.m. EDT)*
- ***ESF-9: Search and Rescue (SAR)***
  - Total number of people rescued by Federal responders to date estimated at over 28,264 individuals and 1,614 pets

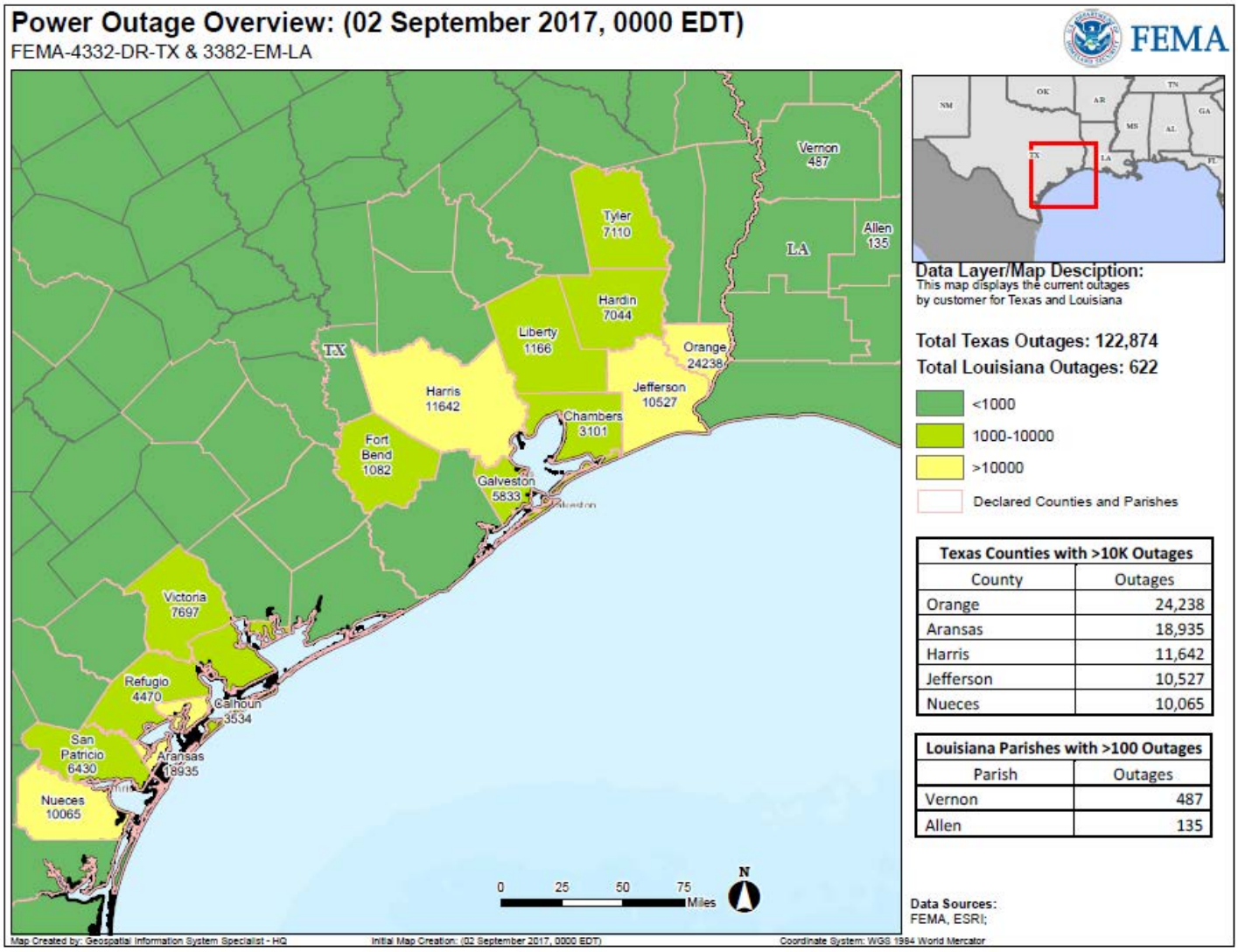
        - FEMA Urban Search and Rescue (US&R): Rescued/assisted roughly 5,985 individuals and 206 pets *(ESF-9 Update, September 1, 2017, 11:45 pm. EDT)*
        - DoD NORTHCOM: Rescued/assisted 2,038 *(DoD, September 2, 2017, 12:38 a.m. EDT)*
        - USCG: Rescued or assisted 10,953 survivors and 1,379 pets *(ESF-9 Update, September 2, 2017, 12:42 a.m. EDT)*
        - DoD/Title 10: 935 rescued *(DoD update, August 31, 2017, 8:00 a.m. EDT)*
        - National Guard Bureau (NGB): 6,283 rescued *(NGB update, September 2, 2017, 2:11 a.m. EDT)*
        - U.S. Customs and Border Protection (CBP): 1,360 people rescued and 29 pets *(CBP update, September 1, 2017, 8:00 p.m. EDT)*
    - A long-term Base of Operations for all FEMA US&R resources has been established in Katy, Texas *(ESF-9 Update, September 2, 2017, 12:42 a.m. EDT)*
- ***ESF-10: Oil and Hazardous Materials Response***
    - Efforts related to explosion at the Arkema Chemical Plant in Harris County, TX:
        - Texas Commission on Environmental Quality reporting trailers containing Organic Peroxide are currently on fire and emitting black smoke
        - Six remaining trailers of the chemical-compound at the facility, with remaining chemical-compounds expected to degrade at any time
        - No known incidents involving the storage of Sulfur Dioxide at the plant *(FEMA Situation Desk, TX SOC, September 1, 2017, 10:00 p.m. EDT)*
    - Beaumont, TX Water Status:
        - Surface water treatment plant is producing 6-8 million gallons of water per day, but no water is being distributed because plant operators are testing pressurized lines from the plant to pump stations
        - Raw water pumps are not operational and estimated to remain out of service for 2-3 weeks; crews are on-site laying additional pipe and installing additional pumps
        - Residents are on a boil water notice, being provided bottled water, and portable toilets are being set up
    - National Response Center received 128 oil/hazmat incident reports related to hurricane Harvey; a Unified Command is coordinating Rapid Needs Assessments in Beaumont, Port Arthur, and Corpus Christi as weather and flooding permit and one infrastructure team conducted a water system assessment in the Corpus Christi area *(ESF-10 update, September 1, 2017, 10:37 p.m.)*
- ***ESF-11: Agriculture and Natural Resources***
    - Completed agricultural related assessments in 13 of 32 counties on August 31 and September 1, with estimated completion date of September 21 for remainder; locals and TX Department of Transportation are managing livestock carcasses in public areas and a combination of state, local, and Federal (United States Department of Agriculture [USDA]) responders are addressing stranded/stray livestock
    - Veterinary Medical Officers deploying to College Station, TX; two arrived September 1, one arriving September 2
    - Multi-agency Pet Task Force and USDA APHIS Animal Care continuing coordination with state and Non-Governmental Organization (NGO's) deployed to the disaster area, providing assistance to locals with animal issues
    - Coordinated request for supply of Salinity meters for Texas Department of Agriculture to test drinking water sources for livestock
    - Coordinated transport and delivery of 600 pet cages in FEMA's inventory from LA to TX, completed September 1 *(ESF-11 Update, September 1, 2017, 11:20 p.m. EDT)*
- ***ESF-12: Energy***
    - Strategic Petroleum Reserve (SPR) authorized to negotiate and execute emergency exchange agreements for up to 5.3 million barrels of crude oil from SPR's West Hackberry and Bayou Choctaw sites *(ESF-12 Update, September 1, 2017, 11:20 p.m. EDT)*
    - Sufficient fuel supplies reported, but hampered in some cases by temporary supply-chain distributions, the result of elevated consumer purchases
    - Pipelines in the Corpus Christi area are temporarily shut down, refineries are using alternate means to obtain sweet crude oil *(ESF 12, September 1, 2017, 3:31 p.m. EDT)*

- ***ESF-13: Public Safety and Security***
  - Bureau of Prisons (BOP) is supporting the ESF 13 deployment with three BOP Base Camp Security Teams, two mobile command vehicles, and two mobile bunkhouses
  - U.S. Marshals Service (USMS) has deputized 189 Federal agents and local constables have made a further 175 state deputations throughout the last 24 hours *(ESF-13 Update, September 1, 2017, 11:41 a.m. EDT)*
- ***ESF-15: External Affairs***
  - Continuing to conduct rumor control on fuel shortages, FEMA hiring opportunities, flood insurance, disaster cleanup, and inspections; flagging known scams for the public and partners
  - Disasterassistance.gov landing page updated with banner links to hotels participating in Transitional Sheltering Assistance (TSA) program, volunteer opportunities, and resources for community leaders
  - Holding daily coordination calls and disseminating advisories and news releases to stakeholders
  - Private Sector:
    - Continues to coordinate with private sector partners on providing TSA information to hotels, amplifying assistance information, responding to queries, and tracking open/closed status in impacted areas
  - Social Media Conversation (reports being published 4 times a day for situational awareness):
    - In the affected area, there is a split between those still talking about response/rescue efforts (primarily outside of Houston) and those who are talking about recovery efforts such as cleaning up homes and debris (primarily in Houston and Aransas County)
    - Volunteers from out of state are frequently sharing plans to bring truckloads of items into affected areas, but often the volunteers do not have pre-arranged delivery sites
    - Community groups being created by local neighborhoods looking to share detailed, specific information to their communities regarding recovery efforts *(ESF-15 Update, September 2, 2017, 12:01 a.m. EDT)*
- ***U.S. Coast Guard***
  - USCG delivered water and supplies to Houston/Galveston on September 1, USCG Cutter Forward is underway for offshore search and rescue coverage off southeast Texas, and USCG Cutter Benjamin Daily is moored at Public Pier 1 in Galveston to provide additional support *(USCG Update, September 2, 2017, 2:38 a.m. EDT)*
- ***U.S. Department of State***
  - FEMA has requested basic supplies and baby-related commodities from Canada *(DOS Update, September 1, 2017, 10:32 p.m. EDT)*
- ***U.S. Department of the Interior (DOI)***
  - One Quick Response Team operational in Galveston and one awaiting assignment in Houston; four additional en route
  - United States Geological Survey (USGS) coordinating an Interagency Agreement to develop inundation mapping, once high water mark and peak streamflow information can be collected and processed *(DOI Update, September 2, 2017, 12:34 a.m. EDT)*
- ***U.S. Department of Defense***
  - US Northern Command (USNORTHCOM):
    - NORTHCOM's top operational focus is SAR activities, particularly in Beaumont, TX; there remains a high demand for existing deployed SAR, high water vehicles, and boats to support operations
    - Operations in support of general population evacuations continue in Beaumont, TX
    - Synchronizing activities to position DOD forces to respond to mission assignments from FEMA and the State of Texas, and are looking ahead to response options for Tropical Storm Irma
  - US Transportation Command (USTRANSCOM):
    - TRANSCOM, in conjunction with Texas National Guard and FEMA, are positioned at Bush Intercontinental Airport to deploy a Disaster Assistance Staging Facility (DASF) for Aeromedical Evacuation; DASF will support the care and movement of up to 8,000 patients from the greater Houston-Galveston area
  - Defense Logistics Agency (DLA):

- Supporting the US Coast Guard with 45,000 gallons of jet-fuel daily at Ellington Field to support their SAR missions
- Mission Assignment (MA) for Subsistence issued: 18,470,112 meals to be issued between September 1-10 (including initial delivery of 452,248 on September 1) and 1,521,000 liters of water to be issued starting September 3
- 575 personal flotation devices delivered to Houston Reliant Park on August 31
- DLA conducting market research for 450 temporary pumps for delivery to Texas A&M

o Civil Air Patrol (CAP):

- Civil Air Patrol (Texas Wing) flew 10 sorties in the vicinity of Corpus Christi, TX; photo imagery now available and expect to fly an additional 20 photo imagery sorties to meet requests from FEMA Geographical Information System (GIS) and TX EOC
- CAP (TX Wing) will be moving base of operations to Joint Reserve Base Ellington to be closer to the most heavily affected area *(DOD Update, September 2, 2017, 12:38 a.m. EDT)*

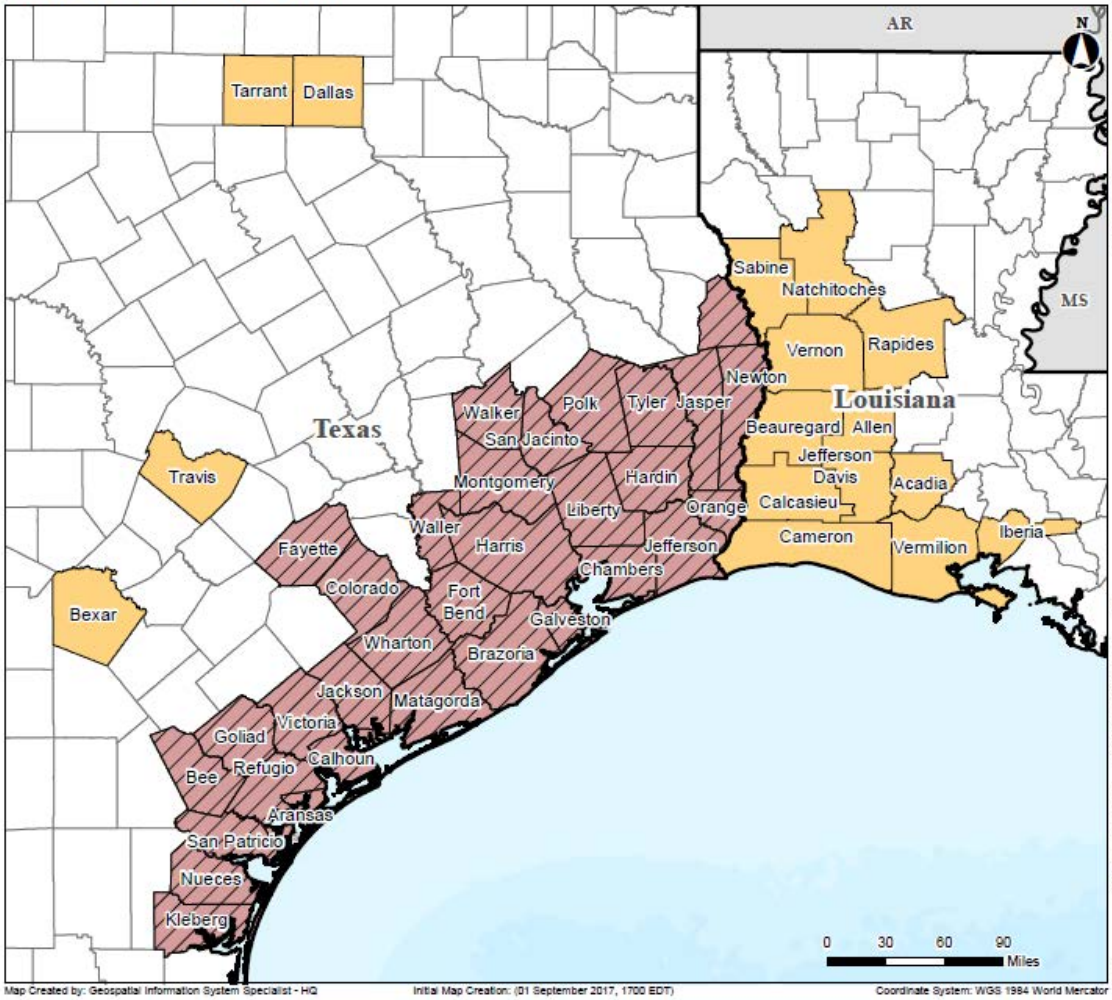


Texas Counties with >10K Outages	
County	Outages
Orange	24,238
Aransas	18,935
Harris	11,642
Jefferson	10,527
Nueces	10,065

Louisiana Parishes with >100 Outages	
Parish	Outages
Vernon	487
Allen	135

Federal Declaration Map: (01 September 2017, 1700 EST)

FEMA-4332-DR-TX & 3382-EM-LA



Map Created by: Geospatial Information System Specialist - HQ

Initial Map Creation: (01 September 2017, 1700 EDT)

Coordinate System: WGS 1984 World Mercator

Data Layer/Map Description:
This map displays the types of assistance that have been designated for selected areas in the State of Texas and Louisiana.

Declared_Counties

Designated Counties

IAPAAB	*Individual & Public Assistance (Cat. A & B)*
PAB	*Public Assistance program (Category B)*

NOTE:

Declared Counties in Texas, update taken from Amendment No, 2, August 30, 2017. There are a total of 29 counties declared for IAPA (B) and 4 counties declared for PA (B).

Declared Counties in Louisiana, update taken from Amendment No, 1, August 31, 2017. There are a total of 16 Counties declared for PA (B).

Data Sources:
FEMA, ESRI;

Federal Force Laydown Map

(As of September 1, 2017 2:00 EDT)

OTHER SUPPORT / SERVICES
(Not shown on map)
FEMA: Nat'l EMS Contract Support: 200 ground ambulances, 25 RW, 29 FW aircraft. Surge Capacity Force (245 Denton PMC, 334 Anniston)
ESF-13: 1122 In theater, 514 in transit, 1060 QRT FLEO, 277 Support personnel
TSA: 402 Surge Capacity Force personnel;
DOD: FW air: C-5, C-17, C-130. RW air: SAR, Heavy Lift, Medium Lift and Medivac assets. High Water Vehicles. AAV, 1,63 (Title 10) personnel, 1638 DoD mission partners.
USACE: 130 temporary power personnel, 12 debris SME, 2 Infrastructure Assessment SME, 1 temp housing SME
USCG: 38 RW, 12 FW aircraft, 73 rescue boats, 1,469 (including local), 76 National Strike Force' 6 Offshore Cutters
DOT MARAD: Ready Reserve Force ships
NPPD: CS&C with FAA on UAVs
DNDO: Mobile Radiation Portal Monitors,
GSA: 2 Teams-Public Building Services inspections
FAA: FRA activated Emergency Relief Docket
ATF, DEA, BOP, ICE, FBI, BIA, USCG: Mobile Command Vehicles
USACE, NOAA, USCG: Aids to Navigation (assets pre-staged)
USDA: APHIS; FNS; FSIS
CBP: 13 RW, 8 FW aircraft, 51 boats, 739 personnel
National Guard: 67 aircraft, 17,928 personnel
USGS: 4 High Water Mark Surveys
DOI: 90 boats, 34 UAS on standby

DENTON (Region VI HQ)
FEMA: Personnel Mobilization Center (133 staff, 579 responders), RRCC (164 FEMA and ESF personnel), NPSC, FEMA Corps 20, MERS Detachment (15 MERS staff)
EPA: Pre-staged responders

DALLAS / FORT WORTH
FEMA: Distribution Center, 12 MCOVs (+1 inbound), 71 staff, FEMA Corps
TSA: 35 NDOs moving to Houston Hobby (HOU on 9/2/17), 5 K9 teams
HHS: ESF-8 Mob Center, 1 IRCT, 8 DMAT, 1 DMORT Assessment Team, 1 RDF, 3 MHT, 0 SATs, 6FMS, 1 Mobilization team, 1 NVRT, 3MHT
EPA: N-IMAT deployed

COLLEGE STATION (US&R AND ISB)
FEMA: FSARCG, US&R IST, US&R HEPP, MERS Assets, 35 staff
USDA: 4 ESF-4 IMTs
DOI: 9 pilots, 8 boats, and 18 personnel

BEAUMONT/PORT ARTHUR
FEMA: Responders
CBP: 7 helicopters; 3 fixed wing aircraft
USCG: 30 shallow boar teams, 6 boat skiff, 5 air boat, Coast Guard Marine Safety Unit Port Arthur
HHS: EMTF (1 MMU – Type I, 1 MMU – Type III, 1 TFL, 2 AMBUSs, 2 ASTs, 2 M-ISTs)

CAMP BEAUREGARD
FEMA: ISB (29 staff)

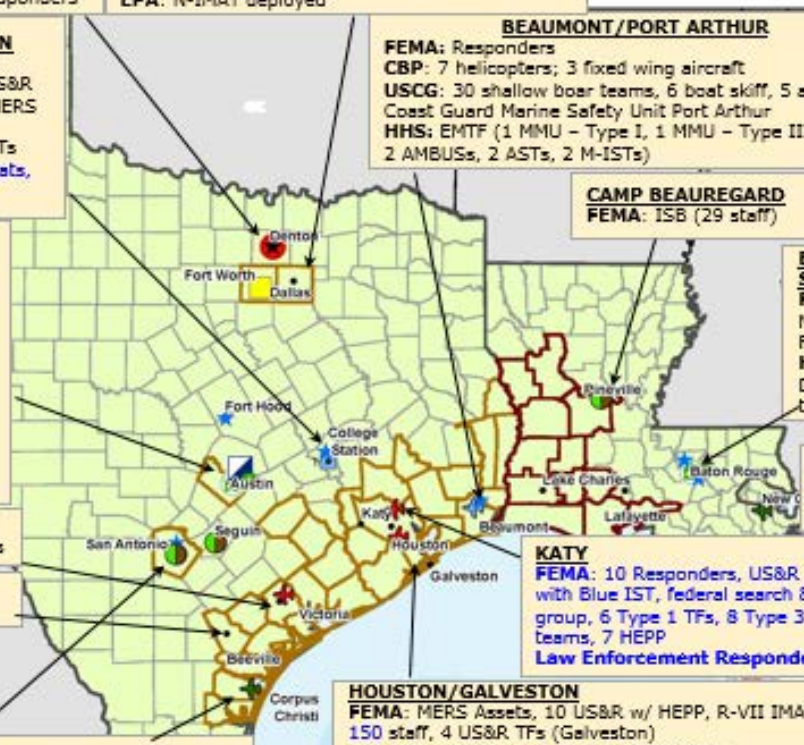
AUSTIN (TX State EOC, IOF)
FEMA: 638 Responders, National IMAT West, 3 Regional IMATs, FEMA Corps, MERS Assets, 3 MCOV
HHS: 1 DMORT
CAP: 21 aircraft, 170 personnel

BATON ROUGE (LA STATE EOC)
FEMA: R-VI IMAT 1, MERS Assets (16 FEMA staff)
HHS: IRCT-F, 1 DMAT, 1 RDF, 2 FMS teams/caches

NEW ORLEANS
USCG: 10 helicopter, 6 cutters

VICTORIA
FEMA: MERS Assets

BEEVILLE
FEMA: 6 MCOV



KATY
FEMA: 10 Responders, US&R base of operations with Blue IST, federal search & rescue coordination group, 6 Type 1 TFs, 8 Type 3 TFs, 13 water rescue teams, 7 HEPP
Law Enforcement Responders

SAN ANTONIO
(Branch, Staging Area)
FEMA: R-V IMAT, 52 FEMA staff, 2 US&R w/ HEPP (5) and MRP (13)
DOD: FSA at Kelly AFB
TSA: 0 VIPR Personnel
HHS: EMTF (1 AMBUS, 1 Type II Staging Site, 2 FOGs, 5 Air Ambulances); 1 TCCT
CAP: 150 personnel (Incident Command Post)

RANDOLPH AFB / SEGUIN, TX
FEMA: ISB, MERS Assets, 2 MCOVs (91 FEMA staff)
DLA: Expeditionary Distribution to manage/ship trailers (Seguin ISB)

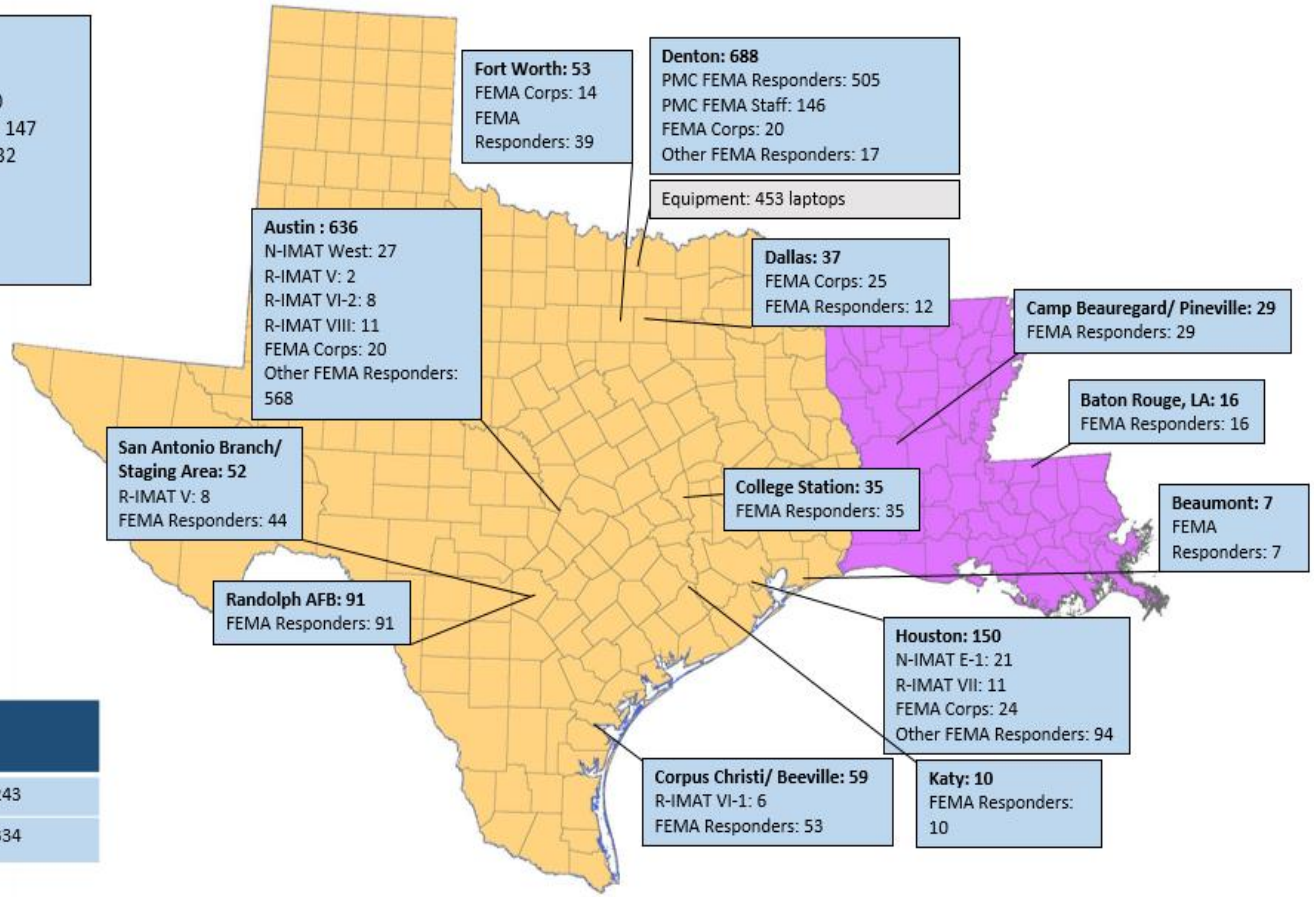
CORPUS CHRISTI AREA
FEMA: 2 MCOV, 59 staff
EPA: IMT, TAGA, 2 container recovery teams, PIO
USCG: 2 helicopter, 3 planes, 3 cutters
NOAA: SSC

HOUSTON/GALVESTON
FEMA: MERS Assets, 10 US&R w/ HEPP, R-VII IMAT, N-IMAT East 1, 150 staff, 4 US&R TFs (Galveston)
ESF-13: Law Enforcement Training Camp
TSA: 25 NDOs and 0 VIPR Teams, 5 canine teams, 2 TSST teams
HHS: NRG Stadium Staging, 1 FMS, 1 RDF, 1 TCCT, 7 DMAT, 1 MIST, 1 MMU, 1 RDF, 1 MHT, 1 FMS
USCG: 23 helicopters, 13 boats and 5 teams conducting SAR, 6 Cutters (Includes Galveston)
NOAA: SSC
EPA: 4 OSC teams, 4 air monitoring teams, ASPECT aircraft

Hurricane Harvey – FEMA Responder Laydown (*As of Sept 2 2017 12:02 a.m. EDT*)

Total FEMA Supporting Harvey:

Responders on the Ground: 1847
Other FEMA Staff Supporting : 2050
- CDP supporting SCF mobilization: 147
- EMI supporting AS mobilization: 32
- Other Distribution Centers: 22
- RRCC Staff: 177
- NRCC Staff: 280
- NPSC Staff: 1392



Surge Capacity Force	
Denton/Dallas	243
Anniston, AL – SCF	334