

# **FEMA**

# **Daily Operations Briefing**

Tuesday, August 29, 2017

8:30 a.m. EDT

# Significant Activity – August 28-29



**Significant Events:** Tropical Storm Harvey

### **Tropical Activity:**

- Atlantic Tropical Storm Harvey; Potential Tropical Cyclone Ten Medium (40%); Disturbance 1 High (90%)
- Eastern Pacific Disturbance 1 High (90%)
- Central Pacific No tropical cyclones expected next 48 hours
- Western Pacific No activity affecting U.S. interests

### **Significant Weather:**

- Severe thunderstorms possible Lower Mississippi Valley
- Flash flooding possible Southern Plains to Lower Mississippi Valley; coastal Mid-Atlantic
- Elevated fire weather CA, NV, OR & ID
- Isolated dry thunderstorms Northern Intermountain to Northern Plains and Central Great Basin
- Space weather:
  - o Past 24 hours: None
  - Next 24 hours: None

Earthquake Activity: No significant activity

### **Declaration Activity:**

Major Disaster Request for North Dakota

### Tropical Outlook – Atlantic

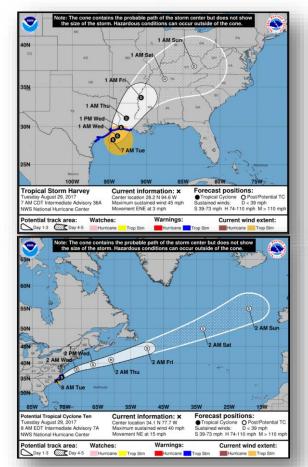


### <u>Tropical Storm Harvey</u> (Advisory #36A, as of 8:00 a.m. EDT)

- Located 90 miles ESE of Port O'Connor, TX
- Moving ENE at 3 mph; turn NE expected later today and tonight; turn NNE on Wednesday
- Maximum sustained winds 45 mph; tropical storm force winds extend 175 miles
- Expected to be just offshore of middle and upper coasts of TX through tonight, then move inland over northwestern Gulf coast on Wednesday

### Potential Tropical Cyclone TEN (Advisory #7A, as of 8:00 a.m. EDT)

- Located 15 miles SE of Wilmington, NC
- Moving NE at 15 mph
- Expected to track along NC coast today, moving out to sea tonight
- Maximum sustained winds 40 mph; tropical storm forces winds extend 105 miles
- Formation chance through 48 hours: Medium (40%)
- Formation chance through next 5 days: Medium (40%)

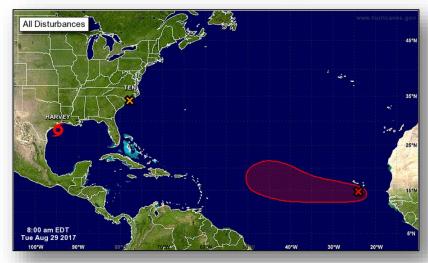


### Tropical Outlook – Atlantic



### Disturbance 1 (as of 8:00 a.m. EDT)

- · Located near Cabo Verde Islands
- Forecast to move WNW at 15-20 mph
- Tropical depression expected to form next 2-3 days over eastern Atlantic
- Formation chance through 48 hours: High (80%)
- Formation chance through next 5 days: High (90%)



### Tropical Outlook – Eastern Pacific



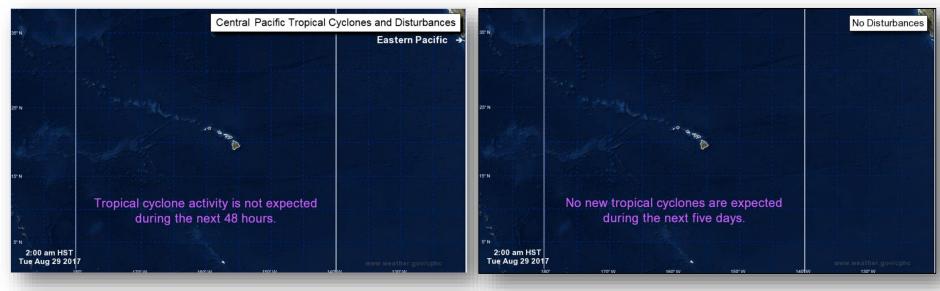
### Disturbance 1 (as of 8:00 a.m. EDT)

- Located a few hundred miles S of Manzanillo, Mexico
- Moving N or NW near coast of southwestern Mexico and Baja California Sur
- Expected to become a tropical cyclone on Wednesday or Thursday
- Formation chance through 48 hours: High (80%)
- Formation chance through next 5 days: High (90%)



# Tropical Outlook – Central Pacific



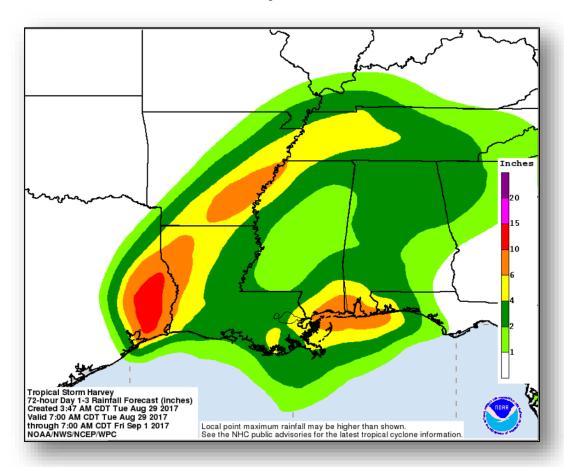


48-Hour Outlook

5 Day Outlook

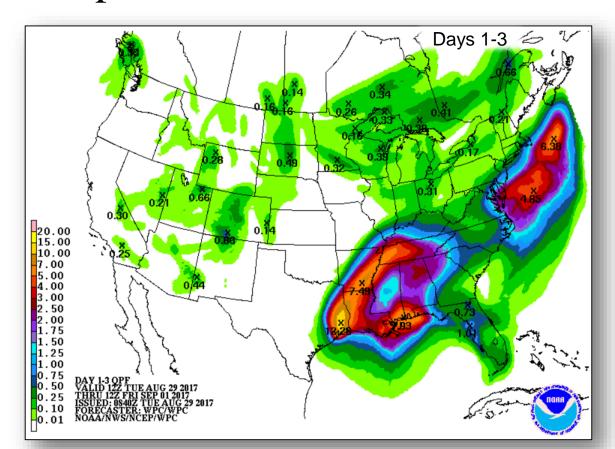
### Harvey Rainfall Forecast – Days 1-5

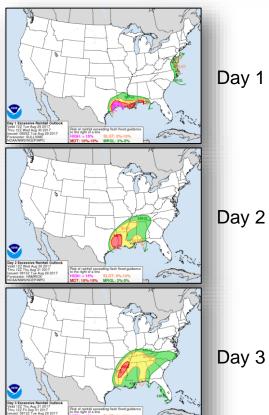




# **Precipitation Forecast**

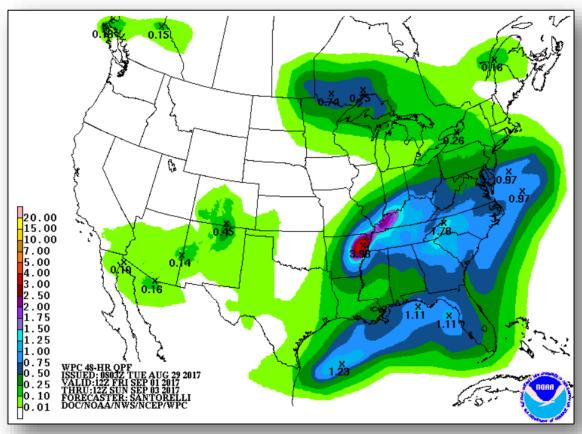






# Precipitation Forecast – Days 4-5





### **Tropical Cyclone Harvey**

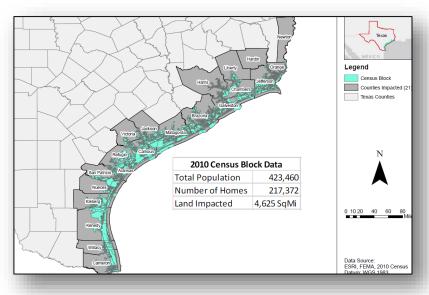


### **Current Situation**

Tropical Storm Harvey will retain its strength through tonight as it remains just offshore the middle and upper TX coasts. Expected to produce additional rainfall and river flooding.

### **Analysis of Impacts**

- · Evacuations:
  - TX mandatory evacuations for 726k people with voluntary evacuations for over one million people
  - LA mandatory evacuations for 6k with voluntary evacuations for 133k people
- Modeling projections estimate 67k residential homes affected with 5.5k with major damage across 16 counties in TX
- Power outages: 268k customers without power in TX\* (DOE Eagle-I as of 7:30 am EDT).
- Shelters/occupants: 100 / 6k in TX and 1 / 20 in LA (ESF #6 as of 2:00 pm EDT, August 28)



\*Note: Customer outage data is provided by the Department of Energy's EAGLE-I system. Comprehensive National coverage of all electrical service providers is not available.

### Tropical Cyclone Harvey



### **FEMA Region VI:**

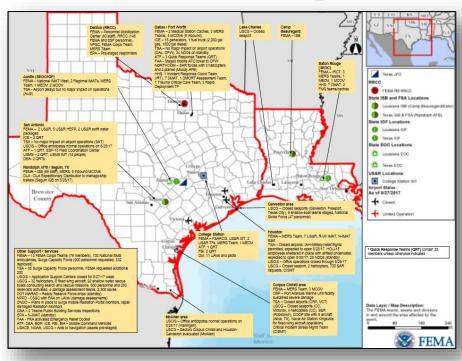
- RRCC: Level I (24/7); RWC: Steady State
- Region VI IMAT-1: Deployed to LA EOC
- Region VI IMAT-2: Deployed to TX EOC
- LNOs deployed to TX and LA

### **Texas**

- EOC at Full Activation
- Governor declared a State of Disaster for 50 counties
- Mandatory/voluntary evacuations in effect for 8 counties and several independent communities
- National Guard (12K members) activated

### Louisiana

- EOC at Partial Activation with ESFs 1, 3, 6, 7, 8, and DoD
- Governor declared a State of Emergency for all parishes in LA on August 24
- Mandatory/voluntary evacuations in affect for 1 Parish
- Governor mobilized 210 National Guard members with additional 230 full-time Guardsmen supporting



### **Tropical Cyclone Harvey**



### FEMA HQ

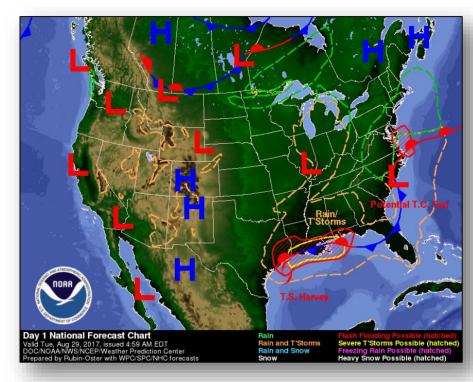
- NRCC: Level I (24/7); NWC: Steady State
- National IMAT West in TX
- National IMAT East-1 deployed to Houston, TX
- Region II, V, VII, & VIII IMATs deployed to TX
- ISBs: Seguin, TX, Ft. Worth, TX, Camp Beauregard, LA
- MERS: 5 MCOVs deployed to TX, 12 MCOVs on standby in Denton, TX; 11 MERS teams in place or en route to TX
- FEMA Corps: 1 team deployed to TX, 10 teams available, 21 additional teams available on September 1
- Three staging areas have been established to support rapid distribution: Seguin, TX;
   DC Ft. Worth, TX; Camp Beauregard, LA
- National Flood Insurance Program has General Adjusters situated in Texas & LA
- Points of Distribution (POD): FEMA and State joint planning for enhanced POD staffing, management, and resourcing in Houston
- Life sustainment: power, mass care, assessments, and other operations in the impacted area will begin following lifesaving priorities and as flood conditions improve. Hundreds of high wheel trucks are being sourced to support the transfer of mass care support to shelters

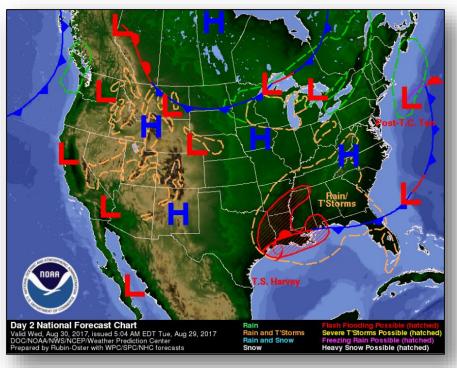
Task Force	LOCATION									
OPERATIONAL										
Blue IST	College Station									
AZ-TF1, CA-TF1,5, CO- TF1,MO-TF1,NE-TF1,OH-TF1, TN-TF1,UT-TF1	Houston									
FL-TF1	Galveston									
FL-1F1	Island									
STAGING	-									
CA-TF2,3,6,7,8, FL-TF2,IN- TF1,MA-TF1,MD-TF1, NJ-TF1, NV-TF1,PA-TF1, VA-TF1,2	San Antonio									
CA-TF4	Houston									
CO-TF1	Rosenburg									
NY-TF1	Galveston									
TX-TF1	College Station									
EN ROUTE										
WA-TF1	San Antonio									

- All 28 National US&R Response System ("System") Sponsoring Agencies have deployed resources to the Hurricane Harvey response lifesaving mission. (TX-TF1 is a State resource)
- 50% of the 28 System task forces have their full type 1 equipment caches in theater
- All 7 of the Hazardous Equipment Push Packages (HEPPs) have been deployed in support of the response

### National Weather Forecast



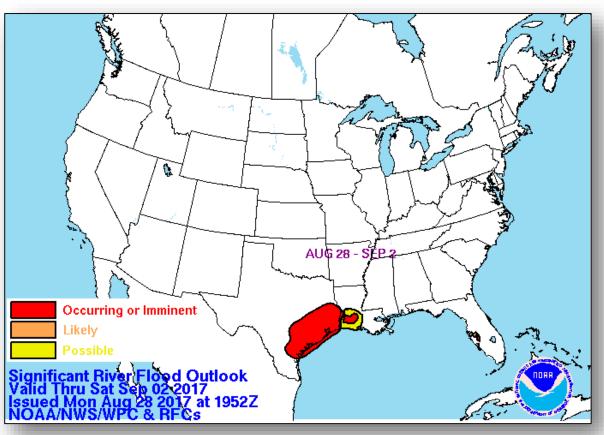




Today Tomorrow

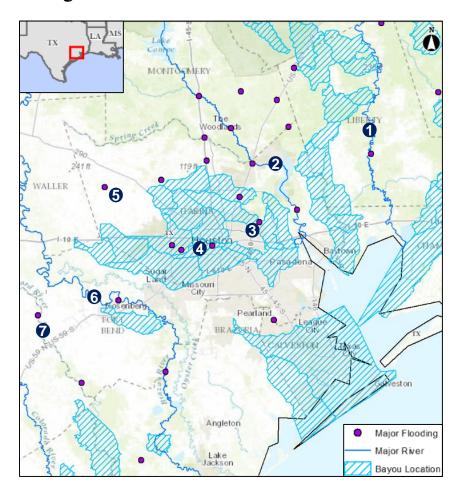
### National River Flood Outlook



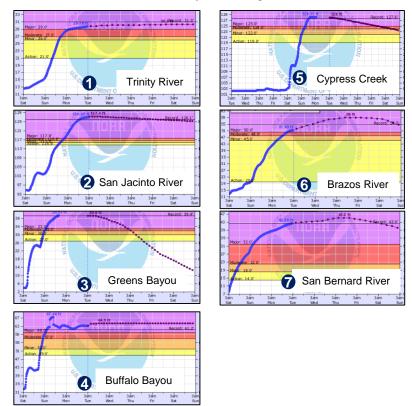


# Major to Record River Flooding



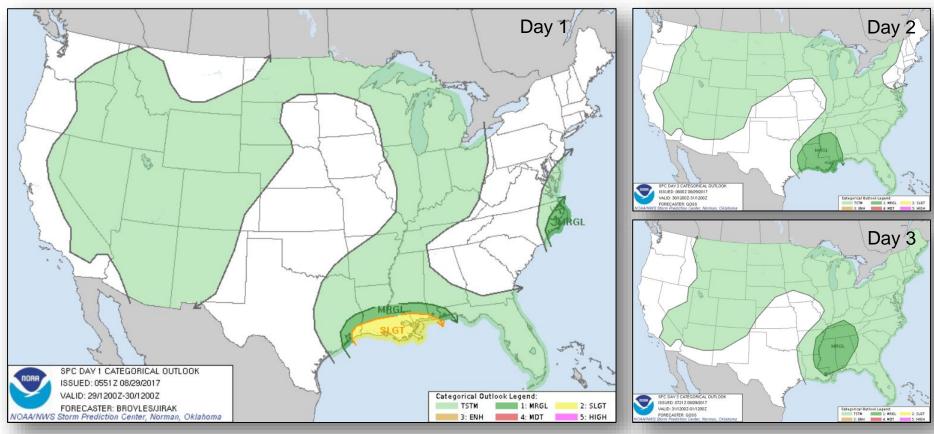


Rivers & Bayous exceeding record flood stage Rivers could remain in major flood stage for over a week



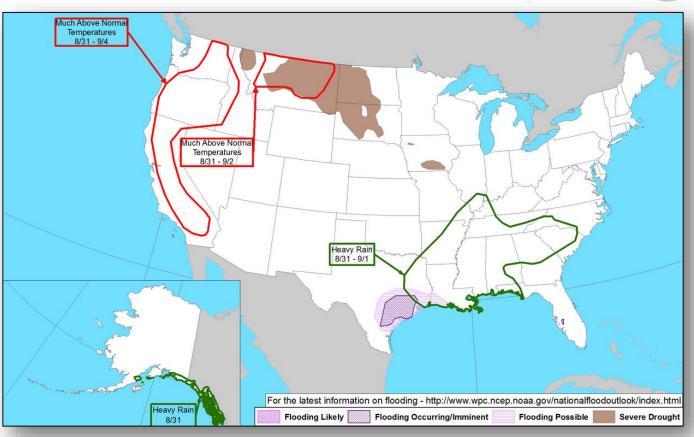
# Severe Weather Outlook – Days 1-3





# Hazards Outlook – Aug 31-Sep 4



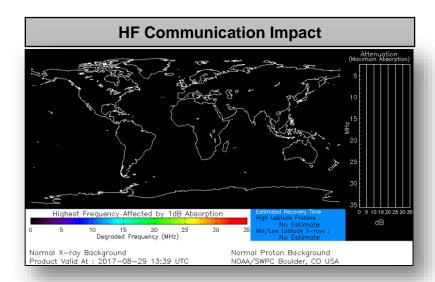


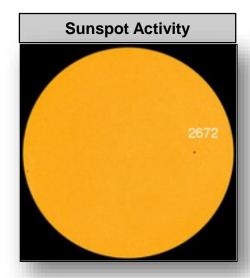
# Space Weather



	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	t 24 Hours None		None	None

For further information on NOAA Space Weather Scales refer to <a href="http://www.swpc.noaa.gov/noaa-scales-explanation">http://www.swpc.noaa.gov/noaa-scales-explanation</a>





# Wildfire Summary



Fire Name	FMAG #	Acres	Percent	Evacuations		Fatalities		
(County)	(Approved Date)	Burned	Contained	(Residents)	Threatened	Damaged	Destroyed	/ Injuries
			Oregon (2)					
Milli (Deschutes)	5196-FM-OR August 17,2017	18,067 (+2,558)	32%	Lifted	2,055 homes 0		0	0/1
Chetco Bar (Curry)	5198-FM-OR August 20,2017	117,669 (+9,676)	5% (+5)	Mandatory	10,430 (8,425 homes)	9 (1 home)	26 (6 homes)	3/0
				Montana (1)				
Lolo Peak (Ravalli and Missoula)	5197-FM-MT August 17,2017	37,844 (+598)	31%	Lifted	0	2	10 (2 homes)	1/3

# Joint Preliminary Damage Assessments



State /		Event	IA/PA	Number o	f Counties	Start – End	
Region	Location	Event	IA/PA	Requested	Completed		
S S		Severe Storms and Flooding	IA	0	0	N/A	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	IL	July 11-27, 2017	PA	4	0	Aug 28 – TBD	

# **Declaration Request**



### North Dakota

- Governor requested a Major Disaster Declaration on August 28, 2017
- For severe storms that occurred July 20, 2017
- Requesting:
  - Public Assistance for 3 counties
  - Hazard Mitigation statewide



# Disaster Requests & Declarations



Declaration Requests in Proces	Requests APPROVED (since last report)	Requests DENIED (since last report)				
5	0	0				
NY - DR (Expedited) Flooding	х	х	х	July 6, 2017		
ID – DR Flooding		х	х	July 20, 2017		
ND – DR Drought	Х	х	х	August 7, 2017		
WI – DR Severe Storms, Straight-line Winds, Flooding, Landslides, and Mudslides		х	х	August 23, 2017		
ND – DR Severe Storms		X	X	August 28, 2017		

# Readiness – Deployable Teams and Assets



Resourc	e Force Strength	Available	Deployed	Other	Cadres with 25% or less availability
Total Workfo	orce 10,877 ▲	3,615 33%▼	5,385 ▲	1,877	Environmental Historic Preservation 23% (70/310); Logistics 7% (74 /1,086); Disability Integration 15% (18/118); Finance 24% (71/292); Information Technology 13% (78/622); Safety 22% (13/58)
National	East 1:	Deployed	4309-DR-WA JFO: Lakewood, WA	4310-DR-ID 4313-DR-ID	The state of the s
IMATs*	East 2:	B-2	FCO: Thomas J. Dargan	4333-DR-ID JFO: Boise,	ID VJFO: Denver, CO FCO: David G. Samaniego JFO: Lincoln, NE FCO: Dolph A. Diemont FCO: Jerry S. Thomas R.V.IMAT (JFO) DRS: 35
(1-2 Teams)	West:	Deployed	JFO: TBD FCO: Willie G. Nunn	FCO: Timoth	232-DR-ND 4327-DR-WY UFO: Denver CO 4317-DR-MO Deployed Teams
	Assigned:	13	R-X IMAT (Salem, OR)		VIPO: Denver, CO FCO: Thomas J. McCool  [Location]  [Location]
Regional	Available:	0	4303-DR-NV* 4307-DR-NV		VJFO: Kansas City, MO
IMATs	PMC / NMC:	0	JFO: Carson City, NV FCO: David Haas		3316-DR-Ni sandiy
(0-3 Teams)	Deployed:	13	*R-IX IMAT-1 (JFO)	j .\ <i>/</i>	A329-DR-NH VIFO: Myand, MA FCO: Albert Lewis
	Assigned:	28	4301-DR-CA 4305-DR-CA	1 \ [	P.C.: Albert Lewis  #R-I IMAT (VTEOC)
US&R	Available:	10	4305-DR-CA 4302-DR-HVT 4308-DR-CA*		4322-DR-NY
( <u>&lt;</u> 66%)	PMC / NMC:	0	4312-DR-RRT JFO: Sacramento, CA		JFO: Albany, NY FCO: Seamus K. Leary.
	Deployed:	18	FCO: Timothy J. Scranton	1	Tropical Cyclone Harvey Maynard MERS (HQ)
	Assigned:	36	*R-IX IMAT-2 (JFO)		Denver MERS (HQ)
MERS	Available:	14	4324-DR-OK  JFO: Oklahoma City, Gif.	į	4331-DR-WV JFO: Charleston, WV
( <u>&lt;</u> 66%)	NMC:	0	FCO: Charles Maskell	<u> </u>	FCO: Steven S. Ward R-III IMAT (IFO)
	Deployed:	22	4332-DR-TX JFO: TBD		Frederick MERS (JFO)  4285-DR-NC
	Assigned:	36	FCO: Kevin L. Hannes		JFO: Durham, NC FCO: Elizabeth Turner
FCO	Available:	9	- N-IMAT-W; R-II; R-V; R-V N-IMAT-E1 (Houston, TX)		4320-DR-TN
( <u>&lt;</u> 1 Type I)	PMC / NMC:	2	US&R: - Blue IST (College Station		V/FO: Nashville, TN FCO: Warren J. Riley
	Deployed:	25	- Type 1 Team x6 (Souther 1 - Type 3 Team x8 (Souther	astern, TX)	*3382-EM-LA
	Assigned:	11	- HEPP Team x7 (Southeas - MRP Team x13 (Southeas	stern, TX)	FCO: William J. Doran III
5556	Available:	5	MERS Teams x17 (Souther ISB Team Bravo (DC Ft. W	astern TX)	- Tropical Cyclone Harvey (3382-EM) R-V/IMAT-I (L. E.CC) Baton Rouge, LA (105ing 9/1/2017   FCU: Manny J. Toro
FDRC	PMC / NMC:	2	iSB Team Charlle (Seguin,		Denton MERS (LA EOC)  ISB Team Alpha (Cp. Beauregard, LA)  R-IV IMAT-1 (R-IV HQ)
	Deployed:	4	As of 3:00 a.m. EDT Au	igust 29, 2017	New unit-2 (feet my)

<sup>\*</sup>B-2 Status: Assemble < 2-hrs, On Site < 18-hrs; B-48 Status: Assemble and deploy < 48hrs; Charlie Status: No team assemble time requirement

### FEMA Readiness – Activation Teams



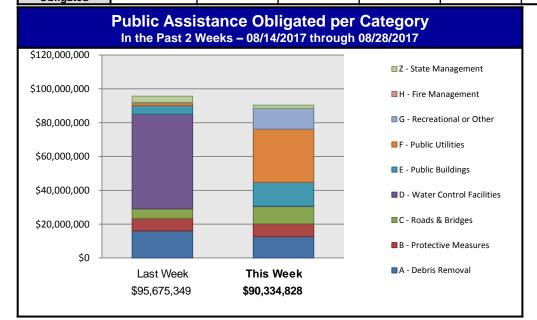
Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Not Activated				
NRCC	2 Activated Blue		Level I	24/7	Tropical Cyclone Harvey		
HLT		1	Activated				Hurricane Season
RWCs/MOCs		10 Not Activated					
RRCCs		10	Activated	R-VI R-VIII	Level I Level III	24/7 Day shift	Tropical Cyclone Harvey Supporting IMAT deployment

**Back-up Regions: I and X** 

### Public Assistance Grant Program



		PA Project Worksheets Obligated in past week, as of 08/28/17 at 1500 EDT										
	Emergen	cy Work			Permanent Work	(						
PA Category	Category A - Debris Removal B - Protective Measures Bridges Br						Recreational or	H - Fire Management	Z - State Management	Total		
Number Of PWs Obligated	37	63	84	4	53	23	24	0	7	295		
Federal Share Obligated	\$12,604,563	\$7,561,207	\$10,248,367	\$261,905	\$14,101,636	\$0	\$1,964,310	\$90,334,828				

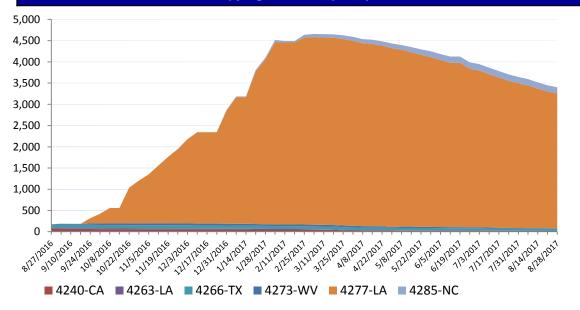


# **PA Highlights**

### **Direct Housing**



Total Households in FEMA Direct Housing per State
Past Year per Week, 08/27/2016 – 08/28/2017, There are currently 3,402 Households
Occupying 3,402 Temporary Units



DR	IA Declaration Date	Program End Date	Current # of Households in Direct Housing (Weekly Change)
4240-CA	9/22/2015	3/22/2017	18 (0)
4263-LA	3/13/2016	9/13/2017	1 (0)
4266-TX	3/19/2016	9/19/2017	47 (0)
4273-WV	6/25/2016	12/26/2017	15 (-1)
4277-LA	8/14/2016	2/14/2018	3176 (-46)
4285-NC	10/10/2016	4/10/2018	145 (0)



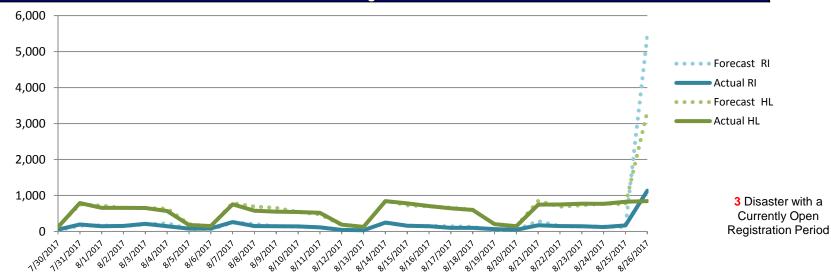
**States with Currently Occupied Units** 

### **NPSC** Activity



NPSC Call Activity in the Past Week 8/20/2017 through 8/26/2017											
Call Type Projected Calls Actual Calls Average Speed of Answer Maximum Delay Time											
Registration Intake:	6,326	1,933	:12	2:32							
<b>Helpline:</b> 7,276 4,844 :13 7:25											
Combined:	13,602	6,777	:12	7:25							

### NPSC Call Forecasting and Actual Calls Over the Past 4 Weeks 07/30/2017 through 08/26/2017



# Individual Assistance Activity



							M	VD SEC	
	Individuals and F	louseholds P	rogram Activi	ty As Of:	8/28/17			d per Category in	
		In Past	7 Days	Cumu	lative	40.000.000	2 Weeks – 08/	14/2017 through 0	8/28/2017
		Applicants Approved	Amount Approved	Applicants Approved	Amount Approved	\$3,000,000			-
	4326-MI Dec	clared 08-02-201	7 End Of Reg	Period 10-02-2017					
	Housing Assistance	210	\$539,307.75	1,074	\$3,476,989.43	\$2,500,000			_ ■ Housing - Rental
ъ	Other Needs Assistance	85	\$67,621.14	382	\$389,689.93				
Open Registration Period	Total IHP	\$606,9	028.89	\$3,866,	679.36				■ Housing - Repair/Replace
n P	Average IHP			\$3,	374	\$2,000,000		_	- керап/керіасе
ratic	Total Max Grants			2					■ Housing - Other
gist	4331-WV Declared 08-18-2017 End Of Reg			Period 10-17-2017					
, Re	Housing Assistance	263	\$1,324,058.56	270	\$1,369,642.96	\$1,500,000	_		Other Needs -
рег	Other Needs Assistance	114	\$222,420.16	118	\$224,342.99				Personal Property
G	Total IHP	\$1,546,	478.72	\$1,593,985.95					Other Needs -
	Average IHP			\$5,	331	\$1,000,000			Medical/Dental -
	Total Max Grants			2	2				Other Needs -
Other IHP Active	17 Declarations IHP Pro	ogrammatically C	pen - Closed						Transportation
Ā	Housing Assistance	211	\$581,523.69			\$500,000			_ Other Needs - Other
e. =	Other Needs Assistance	52	\$76,282.66						
O <del>t</del>	Total IHP	\$657,8	306.35						
	Total IHP Approved in Past Week	X7 X11	213.96			\$0 <sup></sup>	Last Week	This Week	-

\$1,985,206

\$2,811,214



FEMA's mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards.