The Disaster Center is dedicated to the idea that disaster mitigation is cost effective and individuals pursuing their own interest are the greatest potential force for disaster reduction.

Please consider making a small donation to the Disaster Center



When disaster mitigation is cost effective, we are on the road to bringing disasters to an end.



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

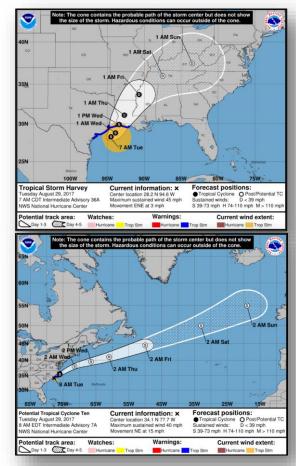
Earthquake Activity: No significant activity

Declaration Activity:

Major Disaster Request for North Dakota

Tropical Outlook – Atlantic





Tropical Storm Harvey (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)

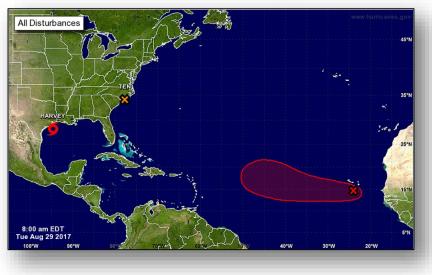
- Located 15 miles SE of Wilmington, NC
- Moving NE at 15 mph
- Expected to track along NC coast today, moving out to sea tonight
- · Maximum sustained winds 40 mph; tropical storm forces winds extend 105 miles
- Formation chance through 48 hours: Medium (40%)
- Formation chance through next 5 days: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



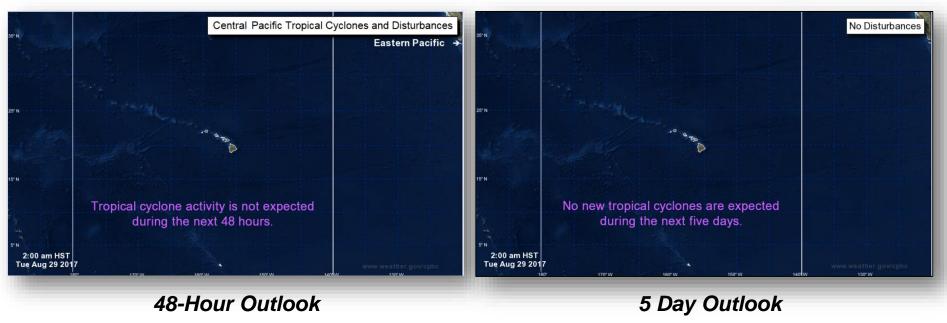
Disturbance 1 (as of 8:00 a.m. EDT)

- 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%)



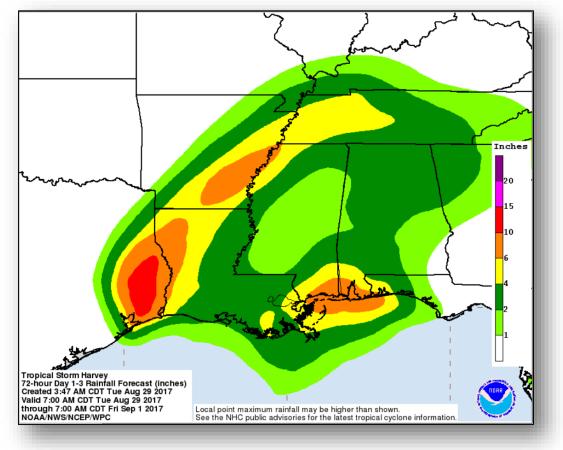
Tropical Outlook – Central Pacific





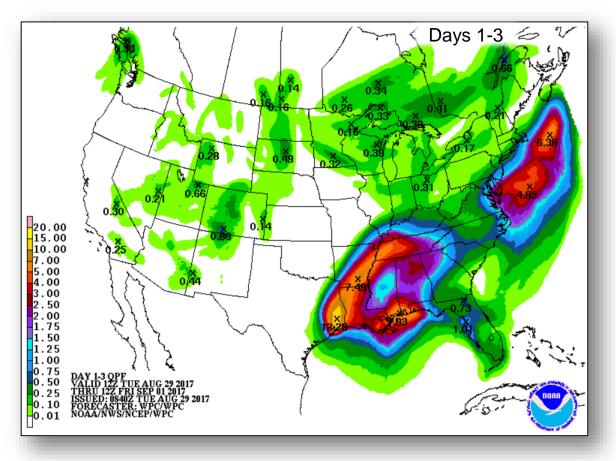
Harvey Rainfall Forecast – Days 1-5

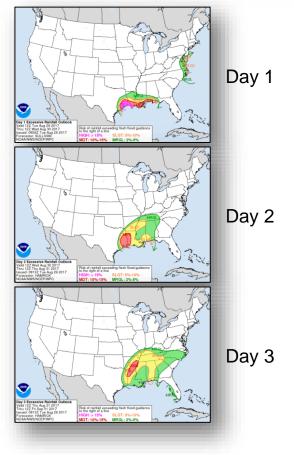




Precipitation Forecast

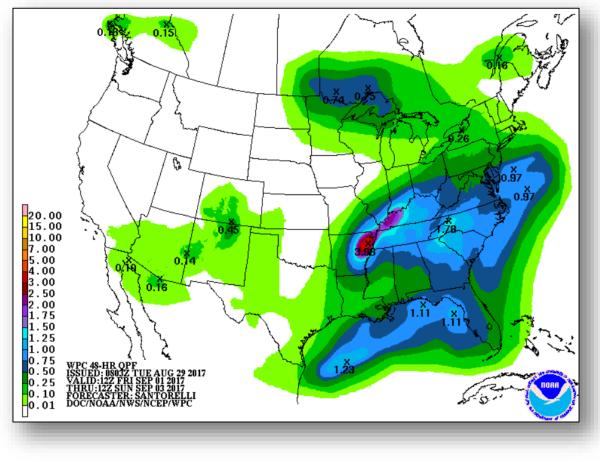






Precipitation Forecast – Days 4-5





Tropical Cyclone Harvey

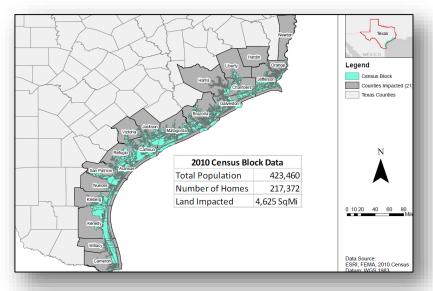


Current Situation

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:

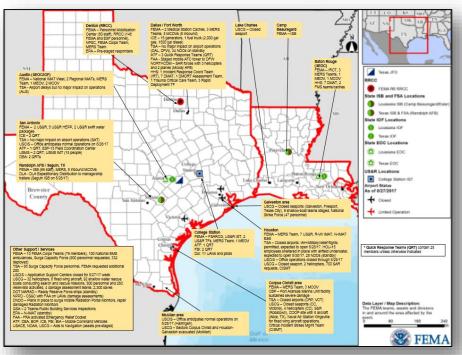
- RRCC: Level I (24/7); RWC: Steady State
- Region VI IMAT-1: Deployed to LA EOC
- Region VI IMAT-2: Deployed to TX EOC
- LNOs deployed to TX and LA

<u>Texas</u>

- 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

<u>Louisiana</u>

- 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

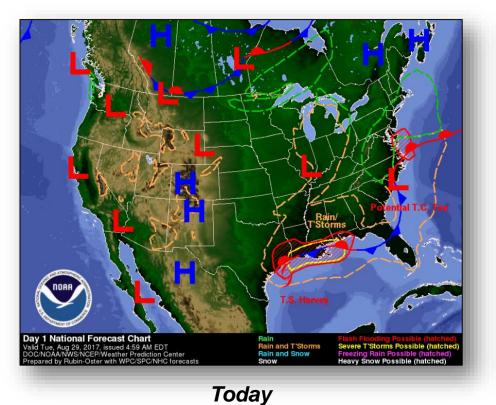
- NRCC: Level I (24/7); NWC: Steady State
- National IMAT West in TX
- National IMAT East-1 deployed to Houston, TX
- Region II, V, VII, & VIII IMATs deployed to TX
- ISBs: Seguin, TX, Ft. Worth, TX, Camp Beauregard, LA
- MERS: 5 MCOVs deployed to TX, 12 MCOVs on standby in Denton, TX; 11 MERS teams 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

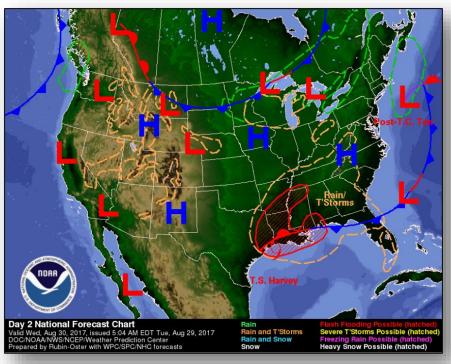
Task Force	LOCATION						
OPERATIONAL							
Blue IST	College Station						
AZ-TF1, CA-TF1,5, CO- TF1,MO-TF1,NE-TF1,OH-TF ⁻ TN-TF1,UT-TF1	1, Houston						
FL-TF1	Galveston Island						
STAGING	;						
CA-TF2,3,6,7,8, FL-TF2,IN- TF1,MA-TF1,MD-TF1, NJ-TF NV-TF1,PA-TF1, VA-TF1,2	1, San Antonio						
CA-TF4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



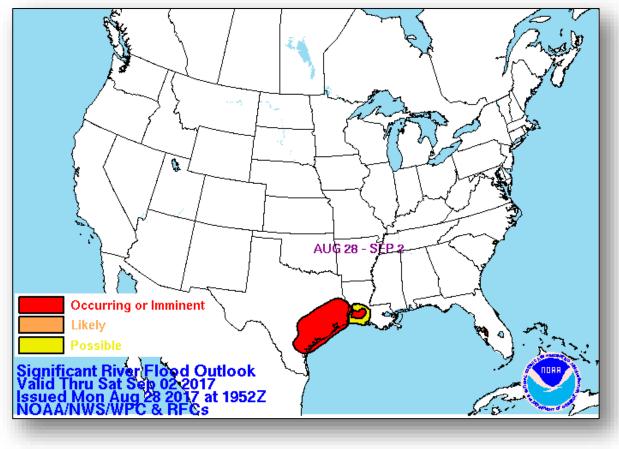




Tomorrow

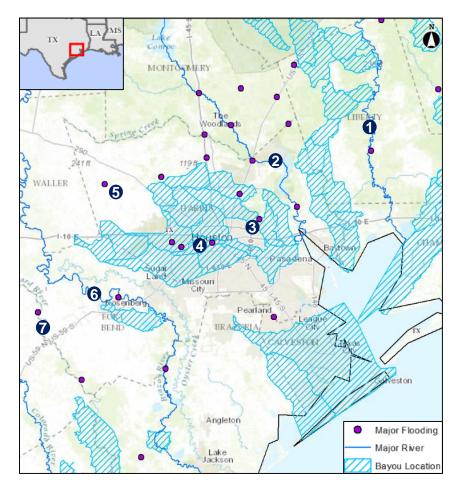
National River Flood Outlook



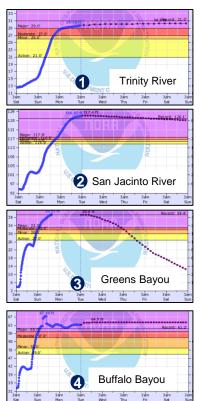


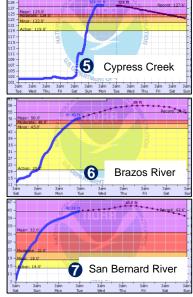
Major to Record River Flooding





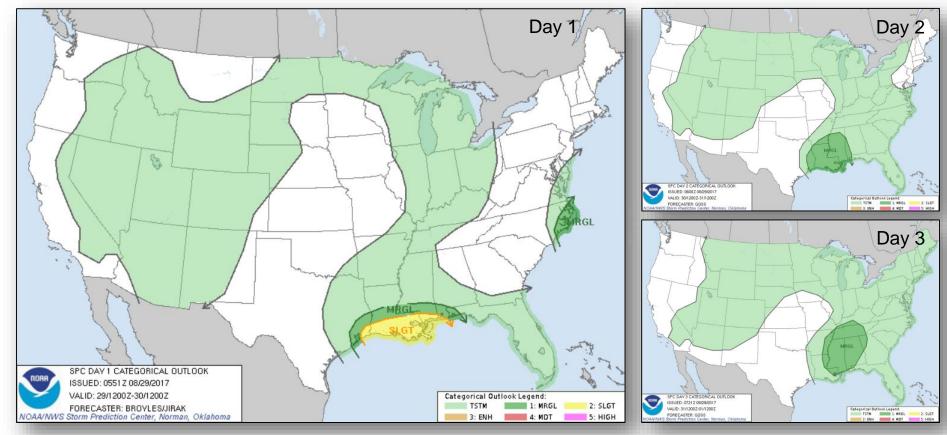
Rivers & Bayous exceeding record flood stage Rivers could remain in major flood stage for over a week





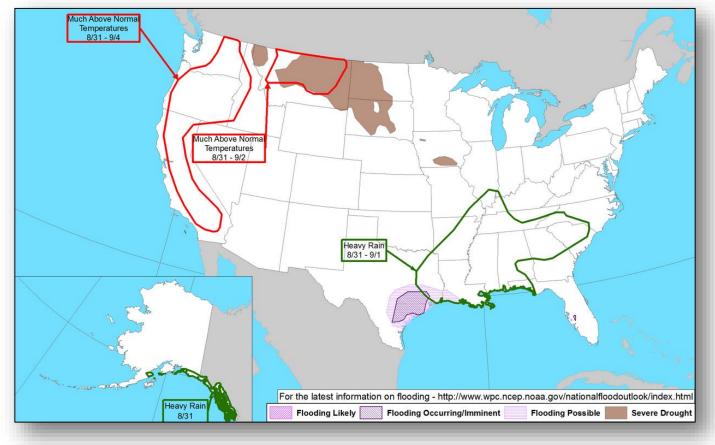
Severe Weather Outlook – Days 1-3





Hazards Outlook – Aug 31-Sep 4

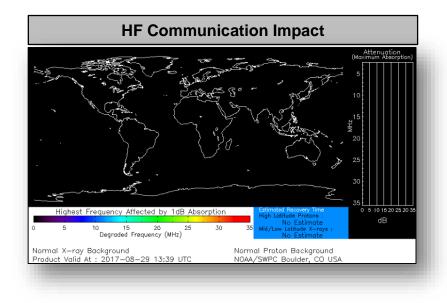


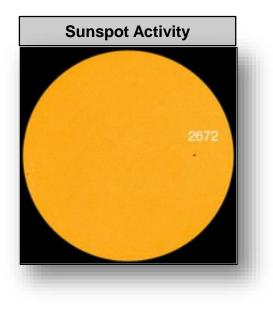


Space Weather



	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts	
Past 24 Hours	None	None	None	None	
Next 24 Hours	None	None	None	None	
For further information on NOAA Space Weather Scales refer to http://www.swpc.noaa.gov/noaa-scales-explanation					





Wildfire Summary



Fire Name	FMAG #	Acres				Structures		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



Pagion	State /	Event	IA/PA	Number o	f Counties	Start – End
Region	Location	Event	IA/PA	Requested	Completed	Start – End
V	IL	Severe Storms and Flooding	IA	0	0	N/A
V		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:
 - $\circ~$ Public Assistance for 3 counties
 - Hazard Mitigation statewide



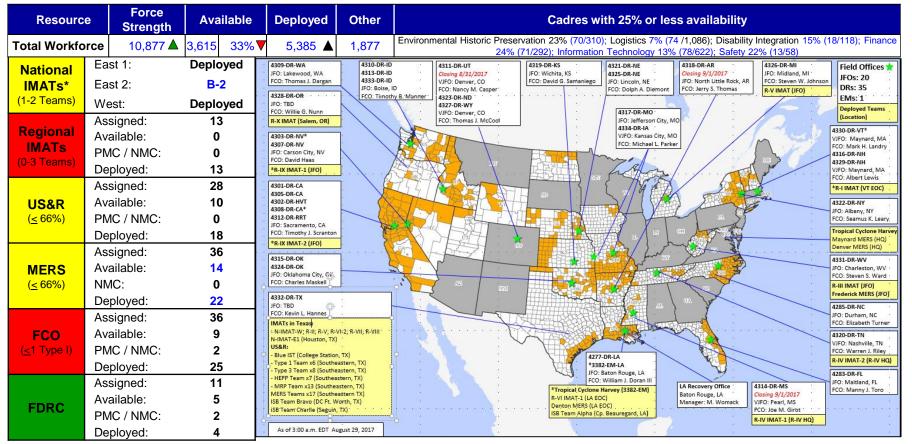
Disaster Requests & Declarations



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

Readiness – Deployable Teams and Assets





*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

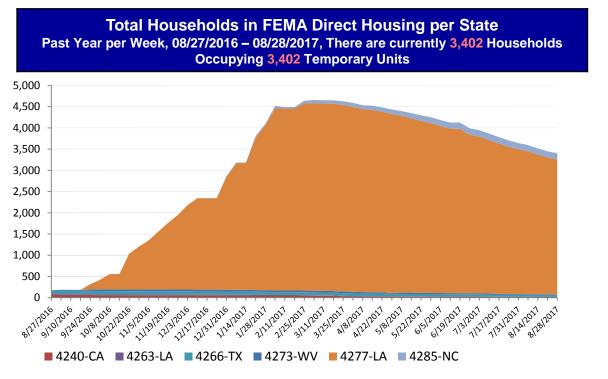
Public Assistance Grant Program



	PA Project Worksheets Obligated in past week, as of 08/28/17 at 1500 EDT										
	Emergen	cy Work			Permanent Work	۲.					
PA Category	A - Debris Removal	B - Protective Measures	C - Roads & Bridges	D - Water Control Facilities	E - Public Buildings		Public tilities	G - Recreational or Other	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	\$31,	429,356	\$12,163,484	\$0	\$1,964,310	\$90,334,828
	Public Assi	stance Obl Weeks – 08/14							PA Highli	ights	
\$120,000,000				Z - State M	anagement						
\$100,000,000				H - Fire Ma	nagement						
\$80,000,000				🔲 G - Recreat	tional or Other						
\$60,000,000	_			F - Public U							
\$40,000,000	_			E - Public B	uildings Control Facilities						
\$20,000,000				C - Roads 8	& Bridges						
\$0				B - Protecti	ive Measures						
ŲŲ —	Last Week	This V		A - Debris A	Removal						
	\$95,675,349	\$90,334	4,828								

Direct Housing





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



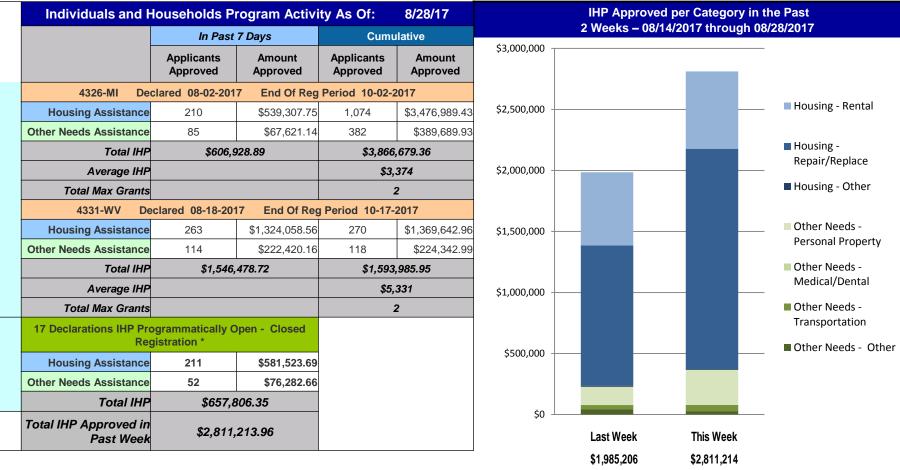
	NPSC Call	Activity in the Pa	st Week					
8/20/2017 through 8/26/2017								
Call Type	Projected Calls	Actual Calls	Average Speed of Answer	Maximum Delay Time				
Registration Intake:	6,326	1,933	:12	2:32				
Helpline:	7,276	4,844	:13	7:25				
Combined:	13,602	6,777	:12	7:25				
NPS		and Actual Calls O 2017 through 08/26/2	ver the Past 4 Weeks 017					
6,000								
5,000				••••Forecast RI				
4,000				Actual RI				
3,000				Actual HL				
2,000								
1,000				3 Disaster wit Currently Op Registration Pe				
1/30/2011/12/12011/12011/12011/01/01/01/01/01/01/01/01/01/01/01/01/	5/2011 0001 11201 001 001 001 0001 0001	1201 2121 2121 21 201 212 201 201	1121 818121 819121 812 812 812 812 812 812 812 812 812	National Stellar				

Individual Assistance Activity

Open Registration Period

Other IHP Active









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.