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



FEMA

Daily Operations Briefing

Tuesday, September 5, 2017

8:30 a.m. EDT

Significant Activity – Sep 4-5



Significant Events: Response to Harvey; Hurricane Irma Preparation

Tropical Activity:

- Atlantic – Hurricane Irma (CAT 5); Disturbance 1 – High (90%); Disturbance 2 – High (70%)
- Eastern Pacific – No tropical cyclones expected next 5 days
- Central Pacific – No tropical cyclones expected next 48 hours
- Western Pacific – No activity affecting U.S. interests

Significant Weather:

- Slight Risk of Severe Thunderstorms – Mid-Atlantic to the Northeast
- Red Flag Warnings – OR, ID & WA
- Space weather:
 - Past 24 hours: MODERATE; Geomagnetic storms reaching the G1 level occurred. Solar radiation storms reaching the S2 level occurred. Radio blackouts reaching the R2 level occurred
 - Next 24 hours: MINOR; Solar radiation storms reaching the S1 level are expected. Radio blackouts reaching the R1 level are expected

Earthquake Activity: No significant activity

Declaration Activity: Amendment No. 5 to FEMA-4332-DR-TX

Tropical Outlook – Atlantic



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Disturbance 1 (as of 2:00 a.m. EDT)

- Located 1,000 miles WSW of the Cabo Verde Islands
- Moving WNW at 10-15 mph
- Formation chance through 48 hours: Medium (80%)
- Formation chance through 5 days: High (90%)

Disturbance 2 (as of 2:00 a.m. EDT)

- Located over southwestern Gulf of Mexico
- Drifting WNW
- Formation chance through 48 hours: Medium (60%)
- Formation chance through 5 days: High (70%)



Hurricane Irma



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Current Situation

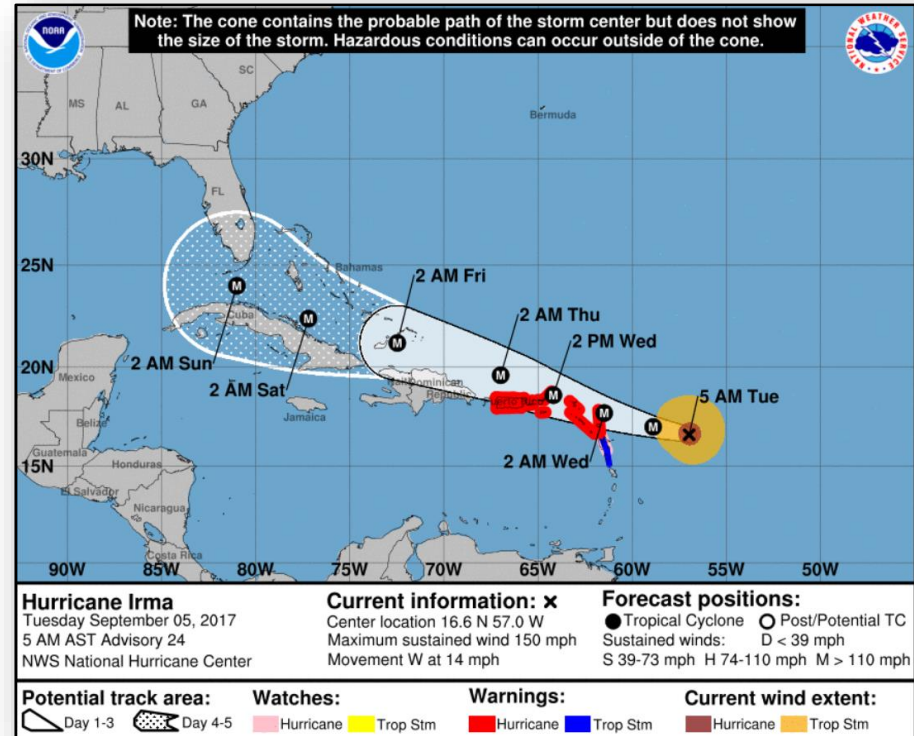
Hurricane IRMA (Cat 5) continues to approach the US Virgin Islands and Puerto Rico and is located 270 miles E of Antigua. Moving W at 14 mph; maximum sustained winds 175 mph; additional strengthening forecast next 48 hours (NHC Advisory #25, as of 8:00 a.m. EDT)

Hurricane Warnings in effect for Puerto Rico, USVI, St. Martin, Nevis, Barbuda, & Antigua

Some fluctuations in intensity are likely during the next day or two, but Irma is forecast to remain a powerful category 5 hurricane

Preparations

- Puerto Rico and USVI ports closed to inbound traffic unless specifically authorized (Port condition YANKEE)
- **Meals:** 115k bottles of water and 11k meals currently available; Additional supplies in DC
- **Shelters / Occupants:** Housing mission has been prepped



Hurricane Irma Preparation



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FEMA Region II

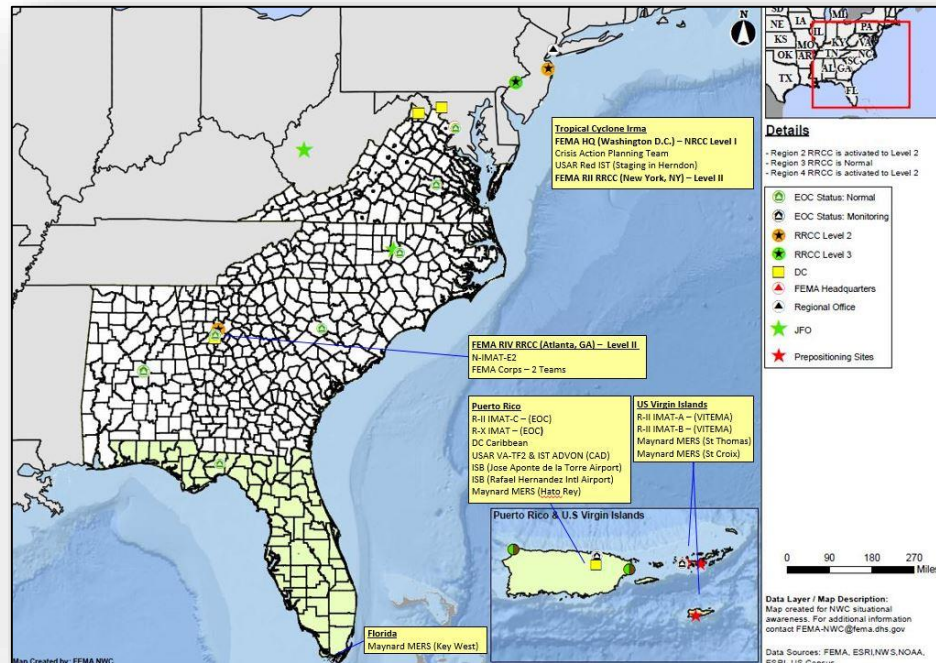
- RRCC: Level II (24/7) with all ESFs & DCE for day shift; ESFs 1,3,8,12 & DCE for night shift; RWC: Steady State
- US Virgin Islands (USVI): VITEMA at [Monitoring](#)
- Puerto Rico (PR): EOC at [Monitoring](#)
 - [Governor declared an Emergency; National Guard Activated](#)
- IMAT A & B: Deployed to VITEMA
- IMAT C: Deployed to PR
- Maynard MERS deployed to PR & USVI
- USACE, DMAT and USGS in PR
- Logistics: team at DC in PR; 2 ISBs will be established; CONUS supporting ISB location TBD
- US&R: Red IST staging in Herndon, VA; VA-TF2 deployed to PR

FEMA Region IV

- RRCC: Level II (day shift only), with all ESFs & DCE
- IMAT-1, IMAT-2, and LNOs: on stand-by
- [Florida: EOC at partial activation](#)
 - [Governor declared a State of Emergency](#)

FEMA HQ

- NRCC: Level I (24/7); NWC: Steady State
- N-IMAT-E2 deployed to Atlanta, GA
- FEMA Corps: 2 teams deployed to PR & Atlanta, GA
- RX IMAT: deployed to PR
- [US&R TF and IST alerted](#)



Tropical Cyclone Harvey



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Current Situation

Response and recovery efforts continue. Area rivers and bayous will continue to fall below major flood stage. Long-duration flooding will significantly hamper response and recovery activities.

Impacts

- **Damages:** FEMA Modeling indicates over 135k homes affected out of 2.7 million homes across 29 counties; over 22k homes may have major damage (over 5 feet of inundation) across 29 counties
- **Shelters / Occupants:** 290/ 33k in TX; 6 / 1.3K in LA (*ESF-6 as of 2:05 pm EDT, 9/4*)
- **Transportation:** Limited operations across the region
 - Airports: Beaumont closed (expected to re-open Sep 5)
 - Seaports: **Dredging continues; 86% of ports operational/partially operational**
 - Roads/Bridges: **Most major highways in Houston area re-opened; most roads in Beaumont area remain closed throughout the impacted area**
- **Communications:**
 - 103k landline customers out of service
- **Medical:** 8 hospitals closed
- **Power Outages:** 55k customers without power in TX (*DOE EAGLE-I as of 7:30 a.m. EDT*)



***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 TX
- Region VI IMAT-2: deployed to TX
- LNOs: deployed to TX & LA

Texas

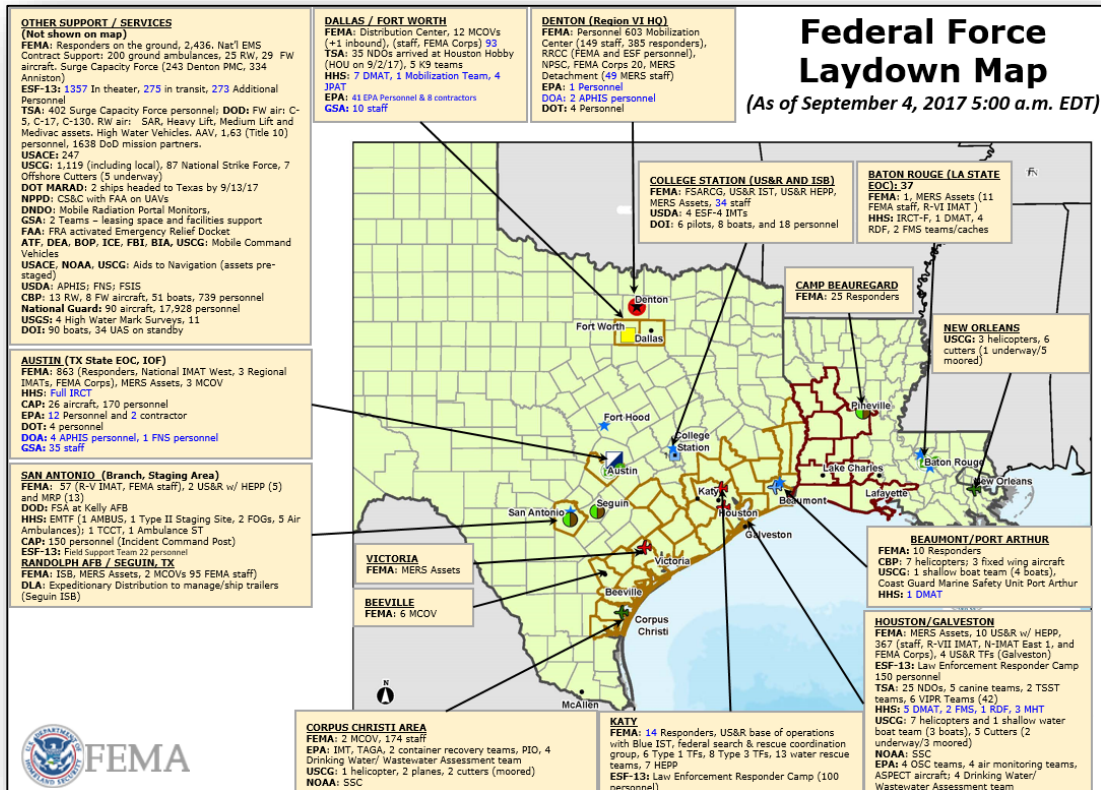
- EOC at Full Activation

Louisiana

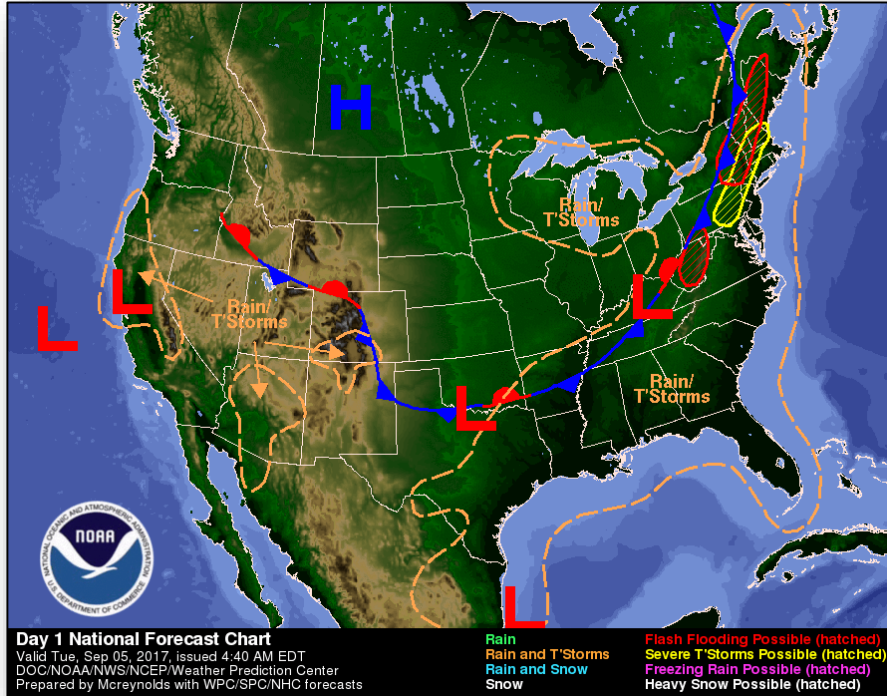
- EOC at [Monitoring](#)

FEMA Headquarters

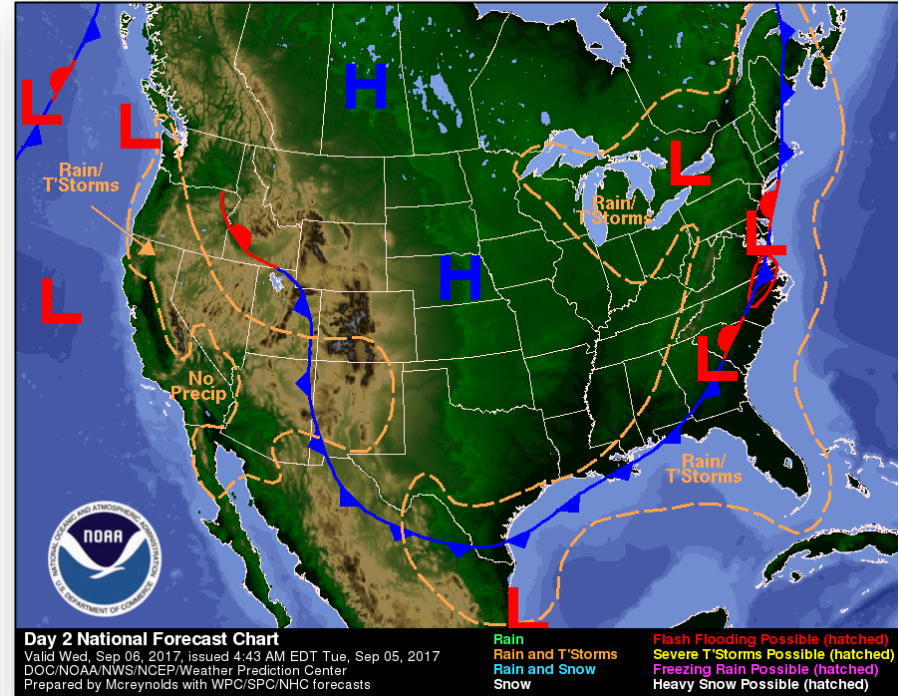
- NRCC: Level I (24/7); NWC: Steady State
- National IMAT West: Deployed to Austin, TX
- National IMAT East-1: deployed to Houston, TX
- Region V, VII and VIII IMATS deployed to TX
- ISBs: Seguin, TX; Camp Beauregard, LA; Randolph, TX
- MERS: 25 MCOVs in TX
- FEMA Corps: 42 teams (315 members) deployed



National Weather Forecast



Today

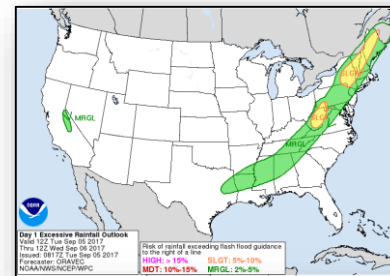
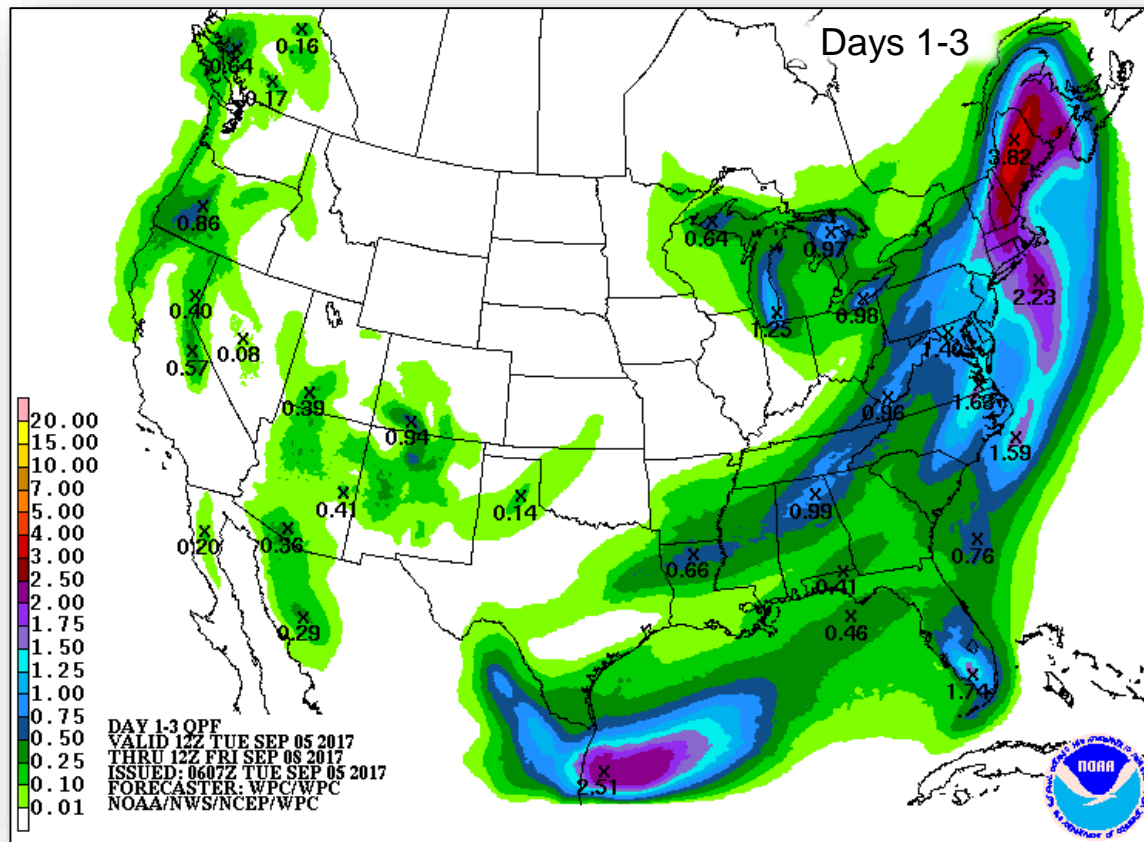


Tomorrow

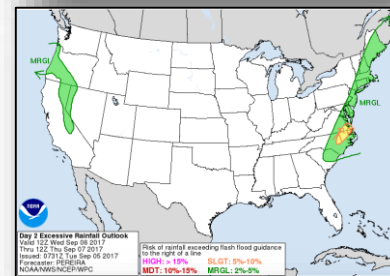
Precipitation Forecast



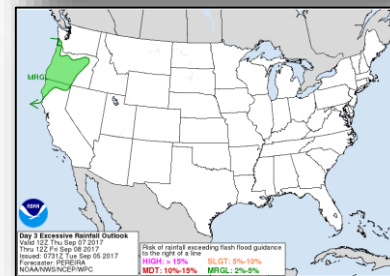
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Day 1



Day 2

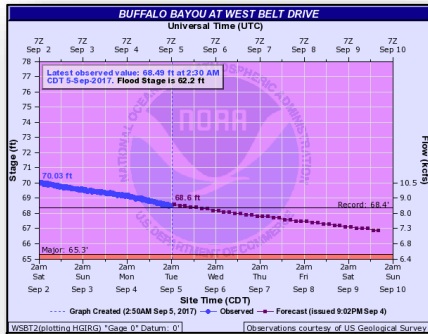


Day 3

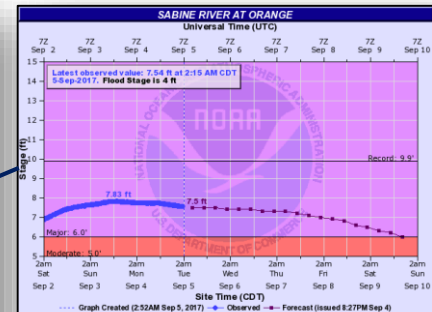
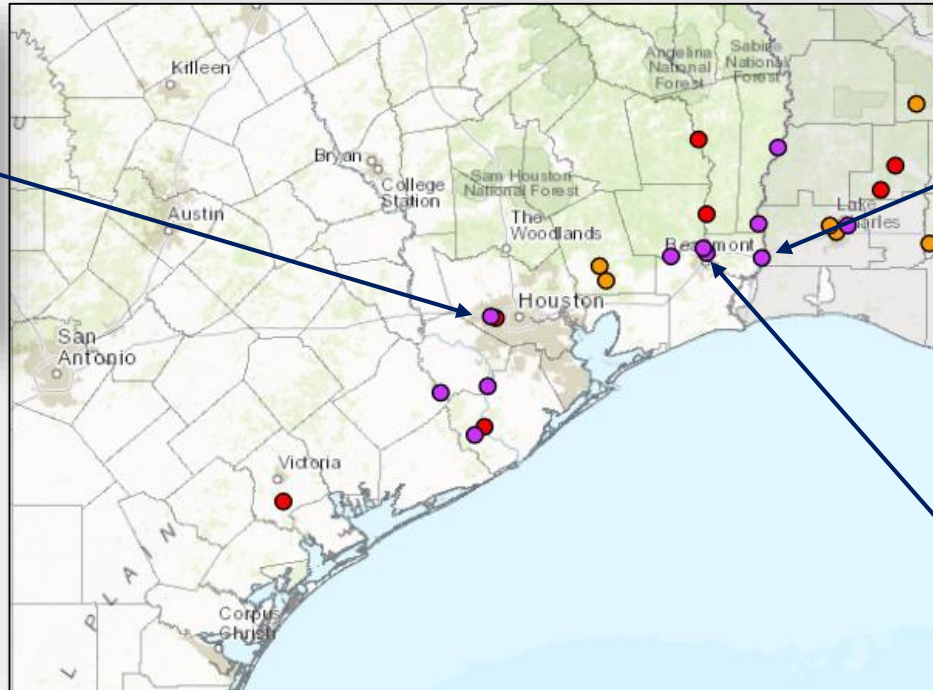


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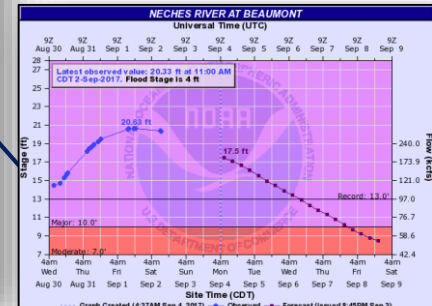
Major to Record River Flooding



Rate of recession dependent on releases from Addicks and Barker reservoirs upstream



Widespread flooding occurs across much of Orange

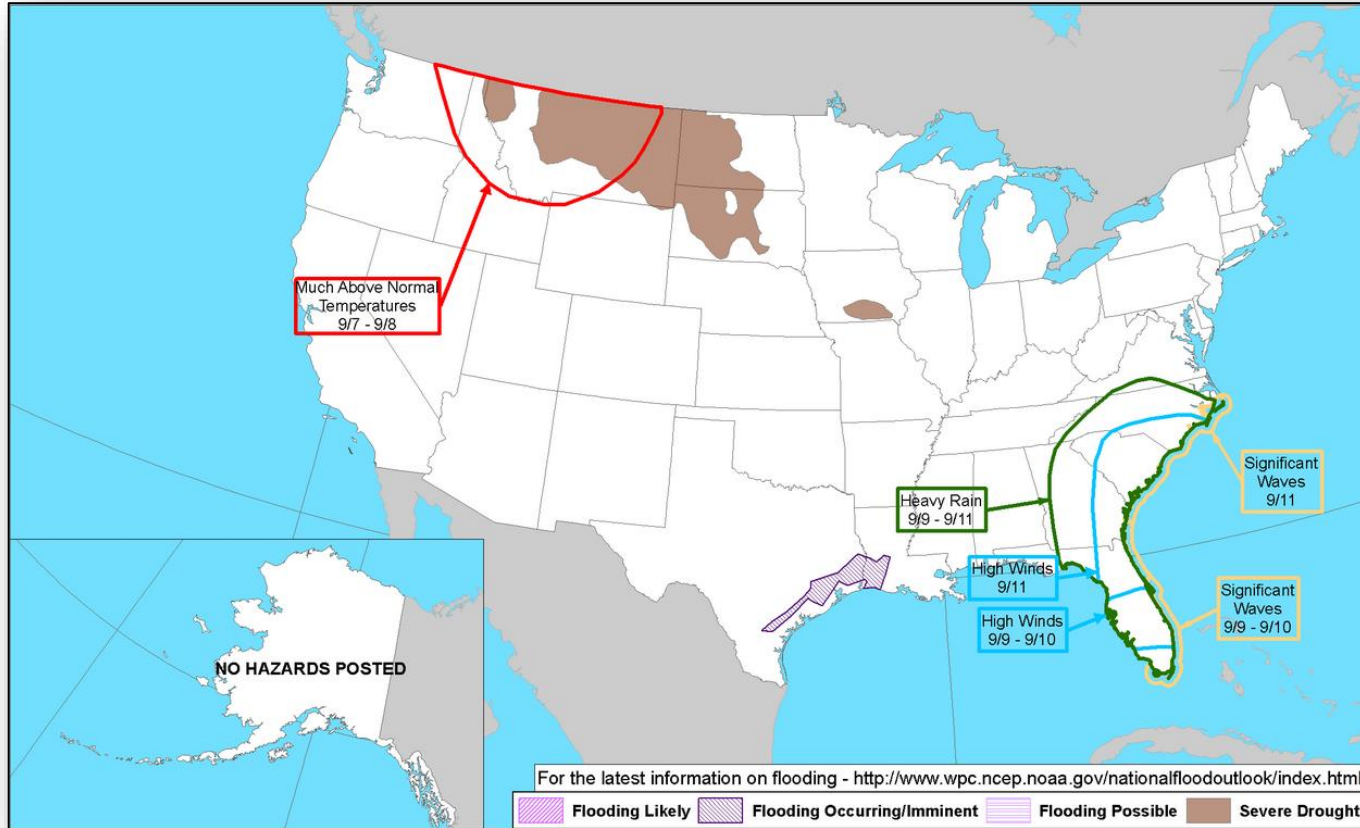


Widespread major flooding is occurring. Numerous homes in northeast Beaumont and Rose City are flooded.

Hazards Outlook – Sep 7-11



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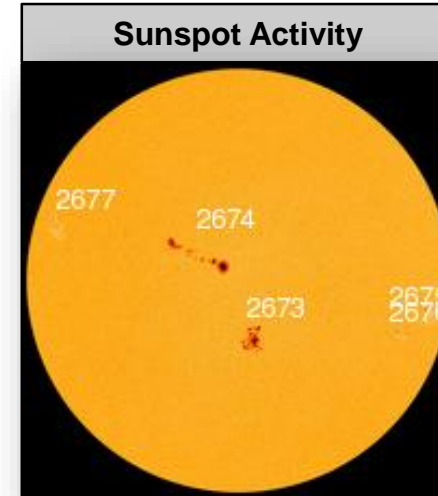
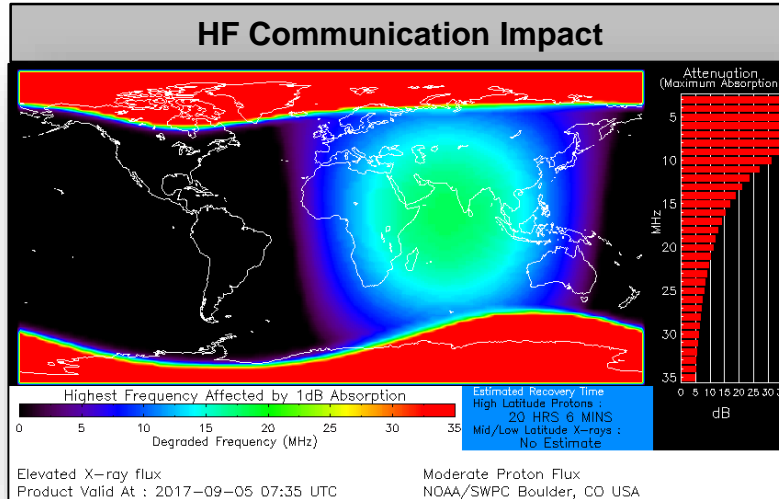


Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	Moderate	G1	S2	R2
Next 24 Hours	Minor	None	S1	R1
For further information on NOAA Space Weather Scales refer to http://www.swpc.noaa.gov/noaa-scales-explanation				



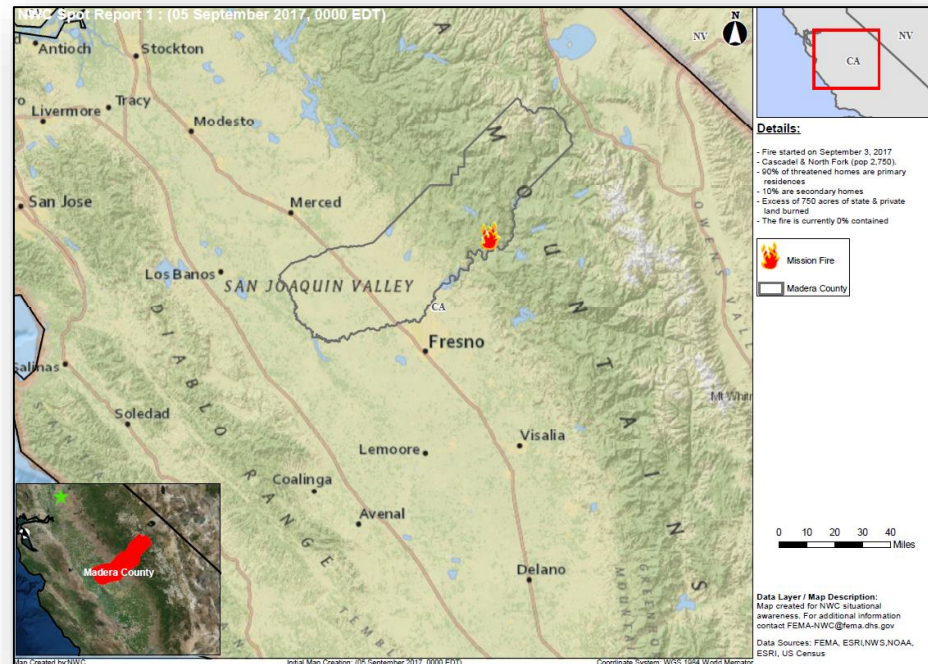
Mission Fire – CA



Fire Name (County)	FMAG # / Approved	Acres burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Mission (Madera County)	5204-FM-CA Sept 4 ,2017	750	0%	Mandatory	263 (250 homes)	0	0	0 / 0

Current Situation

- Fire began September 3, 2017 and is threatening in and around the communities of Cascadel & North Fork, CA (pop 2,750)
- Threatening homes, businesses, power lines, and a drinking water reservoir
- Mandatory evacuations in effect for 2,500 people



Wildfire Summary



FEMA

Fire Name (County)	FMAG # (Approved Date)	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
California (3)								
Helena (Trinity)	5199-FM-CA Sept 1 ,2017	10,930 (+1,990)	14%	Mandatory	5,250 (4,000 homes)	8 (4 homes)	133 (72 homes)	0 / 0
La Tuna (Los Angeles)	5201-FM-CA Sept 2 ,2017	7,003	30%	Lifted	1,376 (1,300 homes)	0	7 (4 homes)	0 / 3
Railroad (Madera & Mariposa)	5202-FM-CA Sept 2 ,2017	9,790	23%	Mandatory	511 (500 homes)	0	14 (5 homes)	0 / 1
Oregon (2)								
Chetco Bar (Curry)	5198-FM-OR August 20,2017	167,513 (+24,638)	5% (-5%)	Mandatory	12,286 (8,523 homes)	9 (1 home)	26 (6 homes)	0 / 3
Eagle Creek (Hood River County)	XXXX-FM-OR Sept 3 ,2017	4,800 (+1,300)	0%	Mandatory	348 (283 homes)	0	0	0 / 0
Washington (1)								
Jolly Mountain (Kittitas)	XXXX-FM-WA Sept 2 ,2017	20,975 (+2,890)	0%	Mandatory	6,277 (4,204 homes)	0	0	0 / 4

Joint Preliminary Damage Assessments



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Region	State / Location	Event	IA/PA	Number of Counties		Start – End
				Requested	Completed	
V	IL	Severe Storms and Flooding July 11-27, 2017	IA	0	0	N/A
			PA	4	4	Aug 28 – Sep 4
VI	NM	Severe Storms August 3, 2017	IA	0	0	N/A
			PA	1	0	Sep 6 – TBD
IX	AZ	Excessive Rainfall July 23-24, 2017	IA	0	0	N/A
			PA	1	0	Sep 6 – TBD

Disaster Requests & Declarations



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Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
8	IA	PA	HM	Requested	0	0
NY – DR (Expedited) Flooding	X	X	X	July 6, 2017		
ID – DR Flooding		X	X	July 20, 2017		
ND – DR Drought	X	X	X	August 7, 2017		
WI – DR Severe Storms, Straight-line Winds, Flooding, Landslides, and Mudslides		X	X	August 23, 2017		
ND – Severe Storms		X	X	August 24, 2017		
KS – DR Severe Storms, Straight-line Winds, and Flooding		X	X	August 31, 2017		
IL – DR Severe Storms and Flooding	X		X	August 31, 2017		
NY – DR Severe Storms, Tornadoes, and Flooding	X		X	August 31, 2017		

Disaster Amendments

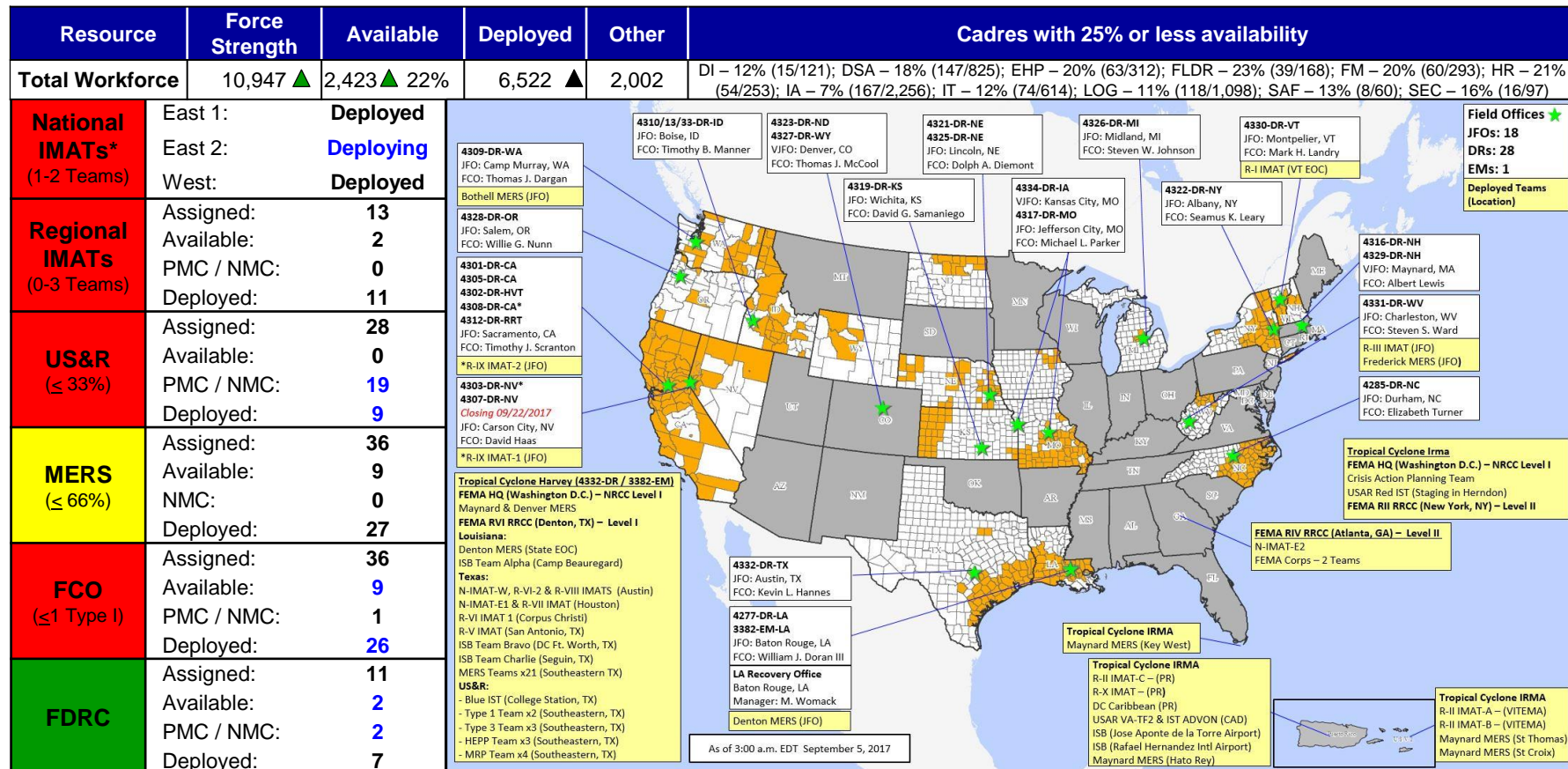


Amendment	Effective Date	Action
Amendment No. 5 to FEMA-4332-DR-TX	September 4, 2017	Adds 7 counties for Individual Assistance and debris removal and emergency protective measures (Categories A &B); and 28 counties for Public Assistance (Categories C-G)

Readiness – Deployable Teams and Assets



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*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	Gold Blue	Level I	24/7	Tropical Cyclone Harvey Thursday Sept 7 th 8:00 a.m. EDT
HLT		1	Activated				Hurricane Season
RWCs/MOCs		10	Not Activated				
RRCCs		10	Activated	Region II Region IV Region VI	Level II Level II Level I	24/7 Day shift 24/7	Tropical Cyclone Irma Tropical Cyclone Irma Tropical Cyclone Harvey

Back-up Region: V

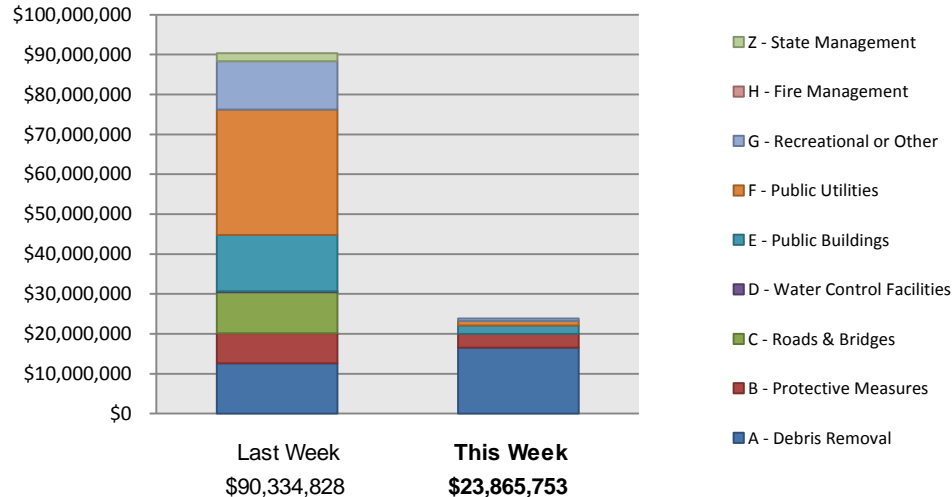
Public Assistance Grant Program



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PA Project Worksheets Obligated in past week, as of 09/04/17 at 1500 EDT										
PA Category	Emergency Work		Permanent Work							Total
	A - Debris Removal	B - Protective Measures	C - Roads & Bridges	D - Water Control Facilities	E - Public Buildings	F - Public Utilities	G - Recreational or Other	H - Fire Management	Z - State Management	
Number Of PWS Obligated	78	60	0	0	8	1	2	0	0	149
Federal Share Obligated	\$16,548,027	\$3,486,686	\$0	\$0	\$2,019,004	\$1,183,492	\$628,544	\$0	\$0	\$23,865,753

Public Assistance Obligated per Category In the Past 2 Weeks – 08/21/2017 through 09/04/2017



PA Highlights

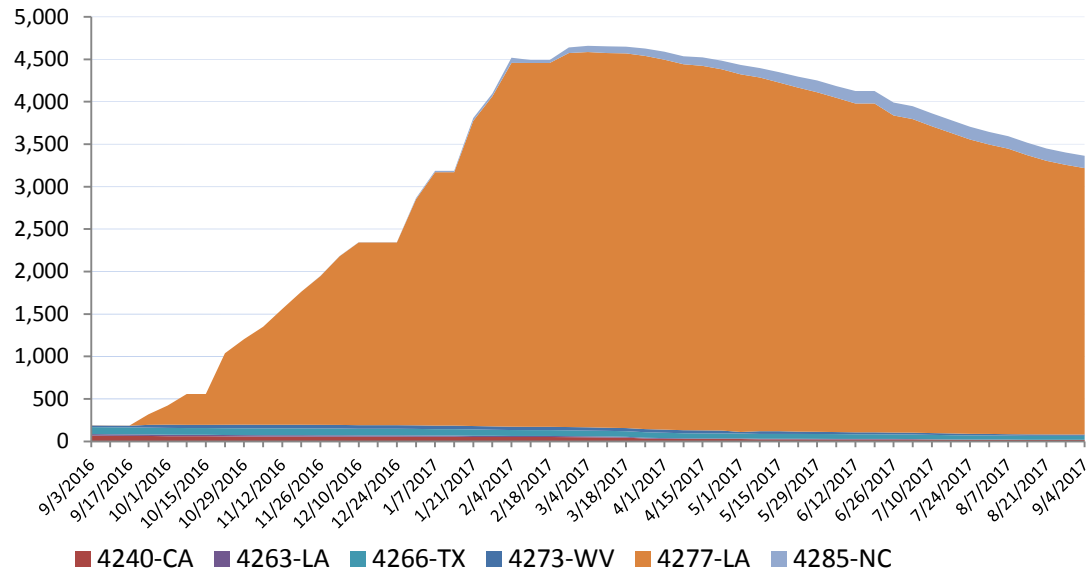
Direct Housing



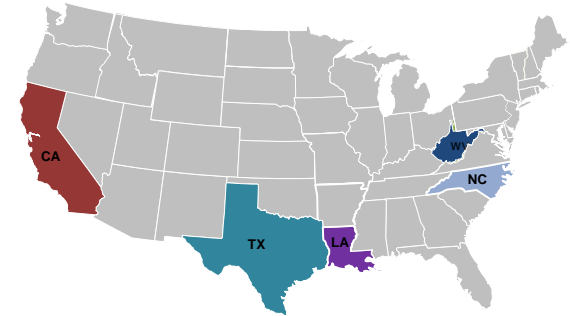
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Total Households in FEMA Direct Housing per State

Past Year per Week, 09/03/2016 – 08/04/2017, There are currently **3,363** Households
Occupying **3,463** 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 (0)
4277-LA	8/14/2016	2/14/2018	3137 (-39)
4285-NC	10/10/2016	4/10/2018	145 (0)



States with Currently Occupied Units

NPSC Activity



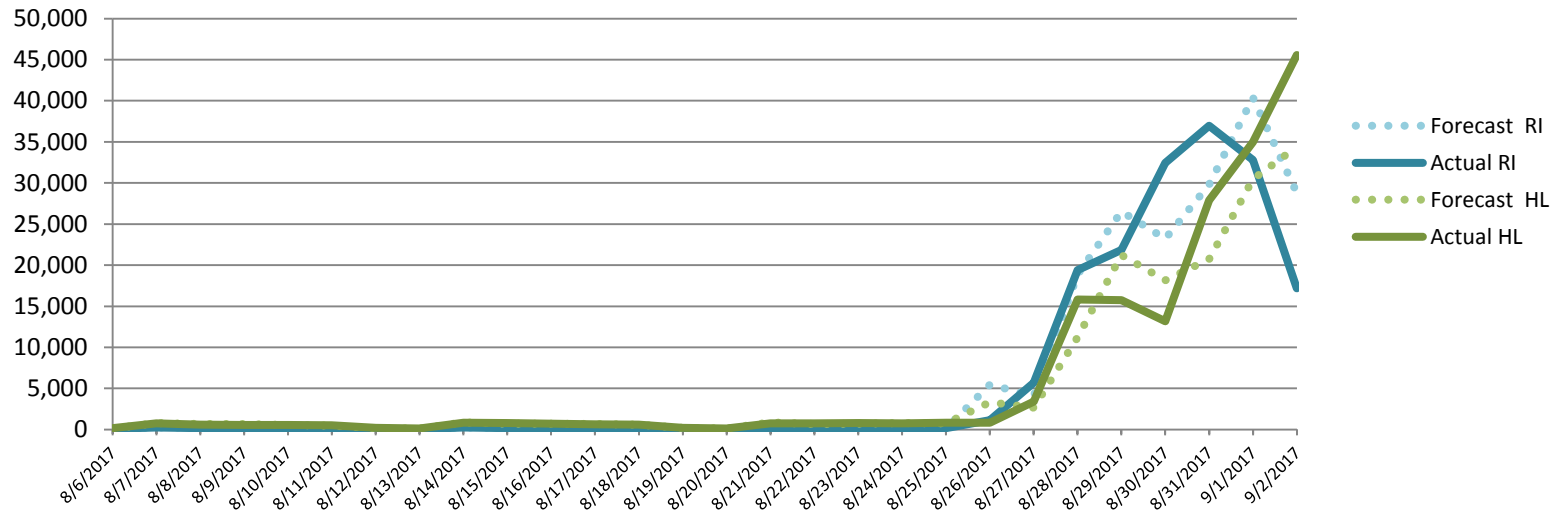
NPSC Call Activity in the Past Week

8/27/2017 through 9/02/2017

Call Type	Projected Calls	Actual Calls	Average Speed of Answer	Maximum Delay Time
Registration Intake:	171,597	166,351	8:66	8:23
Helpline:	138,818	156,563	11:10	10:48
Combined:	310,415	322,914	9:52	10:48

NPSC Call Forecasting and Actual Calls Over the Past 4 Weeks

08/06/2017 through 09/02/2017



3 Disaster with a
Currently Open
Registration Period

Individual Assistance Activity



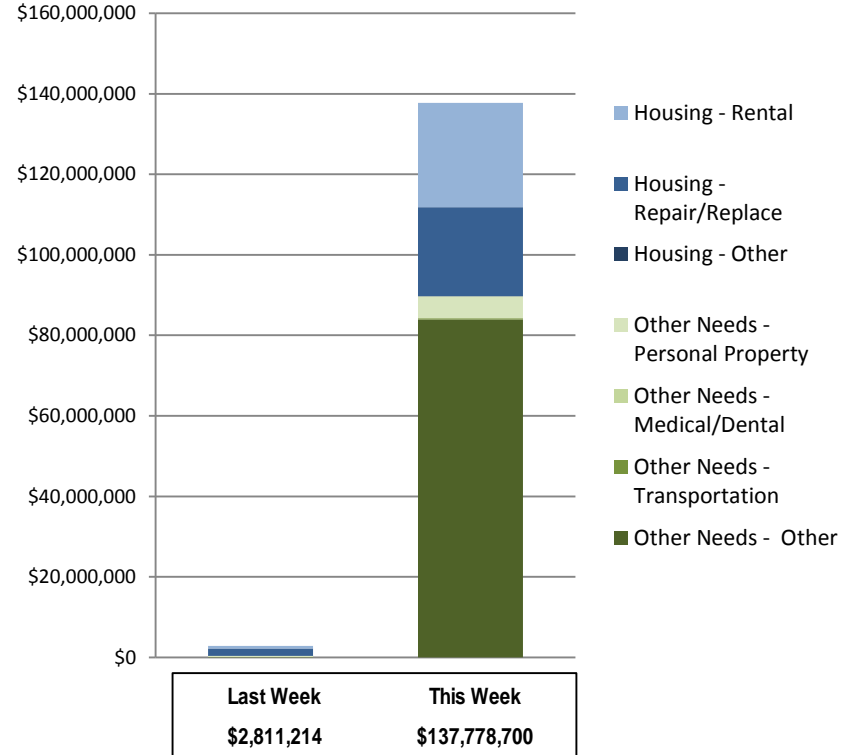
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Individuals and Households Program Activity As Of: 9/4/17

IHP Approved per Category in the Past
2 Weeks – 08/21/2017 through 09/04/2017

Open Registration Period

		In Past 7 Days		Cumulative	
		Applicants Approved	Amount Approved	Applicants Approved	Amount Approved
Open Registration Period	4326-MI	Declared 08-02-2017	End Of Reg Period 10-02-2017		
	Housing Assistance	121	\$298,165.91	1,188	\$3,775,155.34
	Other Needs Assistance	55	\$43,840.17	435	\$433,530.10
	Total IHP	\$342,006.08		\$4,208,685.44	
	Average IHP			\$3,319	
	Total Max Grants			2	
	4331-WV	Declared 08-18-2017	End Of Reg Period 10-17-2017		
	Housing Assistance	62	\$211,783.20	312	\$1,581,426.16
	Other Needs Assistance	29	\$73,877.77	147	\$298,220.76
	Total IHP	\$285,660.97		\$1,879,646.92	
	Average IHP			\$5,401	
	Total Max Grants			3	
	4332-TX	Declared 08-25-2017	End Of Reg Period 10-24-2017		
	Housing Assistance	14,634	\$47,457,546.31	14,634	\$47,457,546.31
Other IHP Active	Other Needs Assistance	168,953	\$89,615,875.39	168,953	\$89,615,875.39
	Total IHP	\$137,073,421.70		\$137,073,421.70	
	Average IHP			\$788	
	Total Max Grants			91	
	10 Declarations IHP Programmatically Open - Closed Registration				
	Housing Assistance	32	\$63,039.54		
	Other Needs Assistance	11	\$14,571.59		
	Total IHP	\$77,611.13			
	Total IHP Approved in Past Week	\$137,778,699.88			





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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.