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

Monday, August 28, 2017

8:30 a.m. EDT

Significant Activity – August 27-28



Significant Events: Tropical Storm Harvey

Tropical Activity:

- Atlantic Tropical Storm Harvey; Potential Tropical Cyclone Ten High (90%); Disturbance 1 High (70%)
- Eastern Pacific Disturbance 1 High (80%)
- Central Pacific No tropical cyclones expected next 48 hours
- Western Pacific No activity affecting U.S. interests

Significant Weather:

- Severe thunderstorms possible TX & LA
- Flash flooding possible Southern Plains to Lower Mississippi Valley and coastal Carolinas
- 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 Declaration approved for Idaho
- Major Disaster Declaration approved for Iowa
- Emergency Declaration approved for Louisiana
- Amendment No. 1 for FEMA-4332-DR-TX

Tropical Outlook – Atlantic

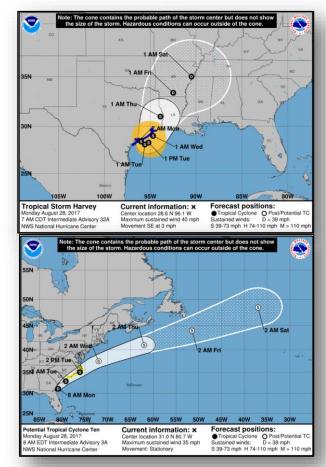


<u>Tropical Storm Harvey</u> (Advisory #32A, as of 8:00 a.m. EDT)

- Located 25 miles NE of Port O'Connor, TX
- Moving SE at 3 mph
- Maximum sustained winds 40 mph; tropical storm force winds extend 175 miles
- Expected to move off the middle TX coast this morning, and remain just offshore through Tuesday

Potential Tropical Cyclone TEN (Advisory #3A, as of 8:00 a.m. EDT)

- Located 135 miles SSW of Charleston, SC
- Remaining stationary
- Maximum sustained winds 35 mph
- Some strengthening is possible; expected to become a tropical storm by Tuesday morning and post-tropical by Tuesday night
- Formation chance through 48 hours: High (90%)
- Formation chance through next 5 days: High (90%)

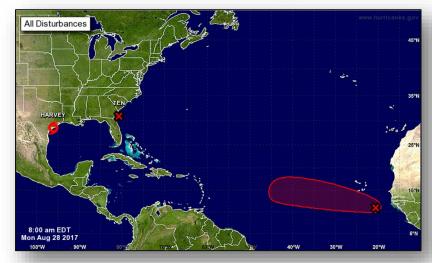


Tropical Outlook – Atlantic



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

- · Located just offshore coast of western Africa
- Forecast to move W at 15-20 mph
- · Tropical depression could form in a few days
- Formation chance through 48 hours: Low (30%)
- Formation chance through next 5 days: High (70%)



Tropical Outlook – Eastern Pacific



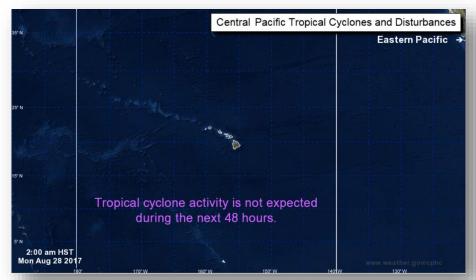
Disturbance 1 (as of 8:00 a.m. EDT)

- Located several hundred miles S of southern tip of Baja California Peninsula, Mexico
- Moving N or NW
- Likely to become a tropical cyclone in 2-3 days
- Formation chance through 48 hours: Medium (50%)
- Formation chance through next 5 days: High (80%)



Tropical Outlook – Central Pacific





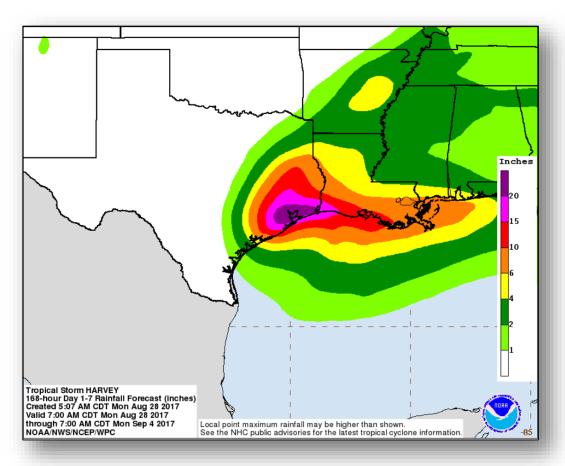


48-Hour Outlook

5 Day Outlook

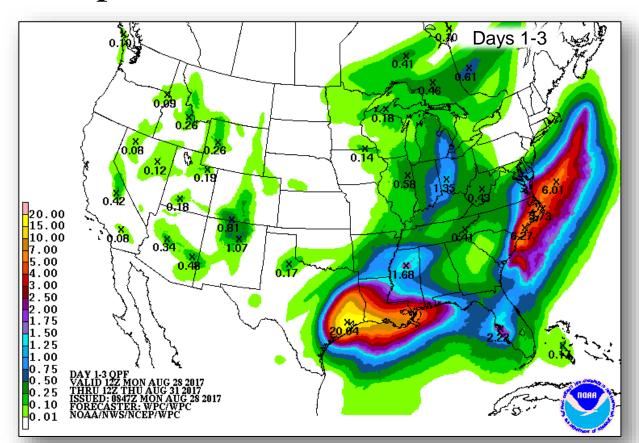
Harvey Rainfall Forecast – Days 1-5

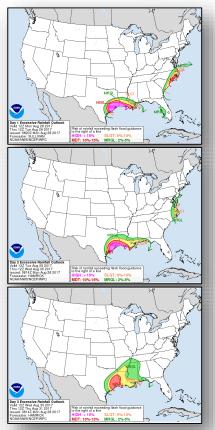




Precipitation Forecast







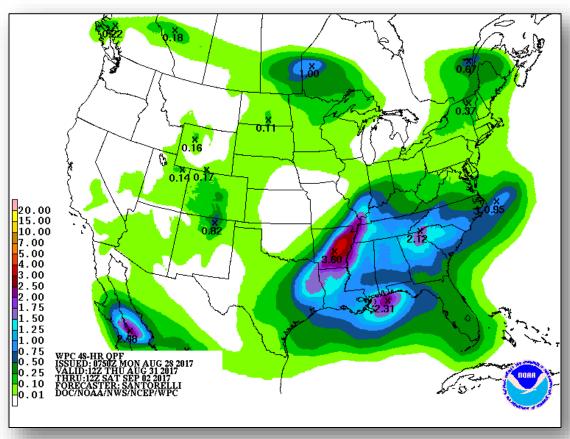
Day 1

Day 2

Day 3

Precipitation Forecast – Days 4-5





Tropical Cyclone Harvey

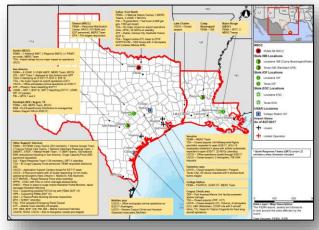
FEMA

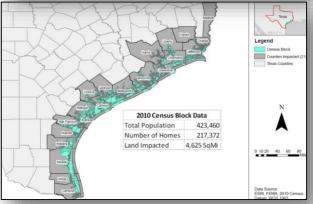
Situation

Torrential rain causing catastrophic and life-threatening flooding continues over southeastern TX. Additional rain accumulations of 15 - 25 inches expected through the end of the week over the upper TX coast into southwestern LA.

Analysis of Impacts

- Tropical storm conditions persist along portions of Gulf coast
- Stronger thunderstorms associated with rain bands to the east of Harvey will pose a tornado threat today and tonight across upper TX coastal plain eastward along the coast into southern LA
- River flooding expected from Houston to Corpus Christi and San Antonio/Austin, TX;
 greatest threats near San Bernard, Colorado, Navidad and Guadalupe basins
- Estimated 12 million people under Flash Flood Emergency in three counties and the city of Houston
- Power outages: 271k customers without power in TX (As of 8:00 am EDT. 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.)
- ARC shelters/occupants: 41 / 3,055 in TX and 1 / 20 in LA (ARC Midnight Shelter Count)





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

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

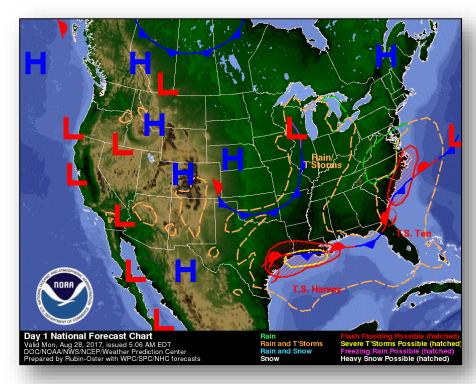
FEMA HQ

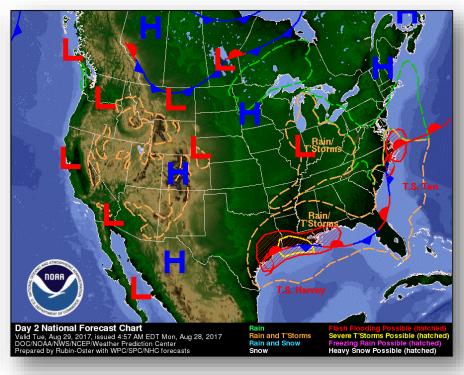
- NRCC: Level I (24/7); NWC: Steady State
- National IMAT West in TX
- National IMAT East-1 deploying to TX
- Region II, V, VII, & VIII IMATs deployed to TX
- ISBs: Seguin, TX, Ft. Worth, TX, Camp Beauregard, LA
- MERS: 5 MCOVs deployed to TX, 12 MCOVs on standby in Denton, TX; 11 MERS teams in place or en route to TX
- FEMA Corps: 1 team deployed to TX, 10 teams available, 21 additional teams available on September 1
- Private Sector Supply Chain (PSSC)
 Crisis Action Planning (CAP) team formed

US&R Resources									
Team	Type	Assigned Location							
TN-TF1	I	San Antonio							
AZ-TF1		San Antonio							
NE-TF1		San Antonio							
CA-TF4		San Antonio							
NY-TF1	I	San Antonio							
CA-TF5		San Antonio							
MO-TF1	III	San Antonio							
OH-TF1	III	San Antonio							
UT-TF1	III	San Antonio							
CA-TF5	III	San Antonio							
FL-TF1	III	Fort Worth							
CO-TF1	III	Fort Worth							
CA-TF8	III	Fort Worth							
PA-TF1	III	Fort Worth							
IST Blue		College Station							
(2) HEPP		San Antonio							
(1) HEPP		College Station							

National Weather Forecast



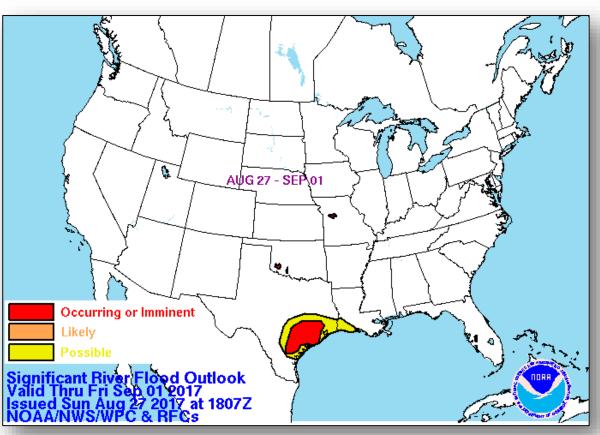




Today Tomorrow

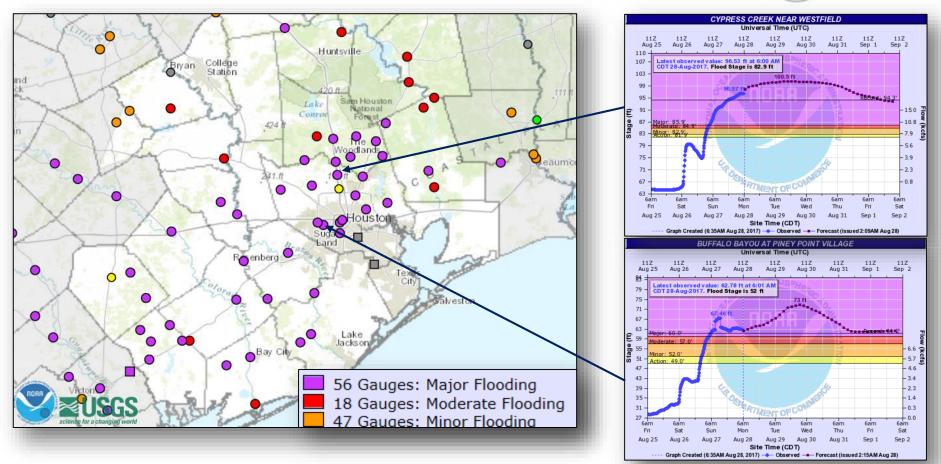
National River Flood Outlook





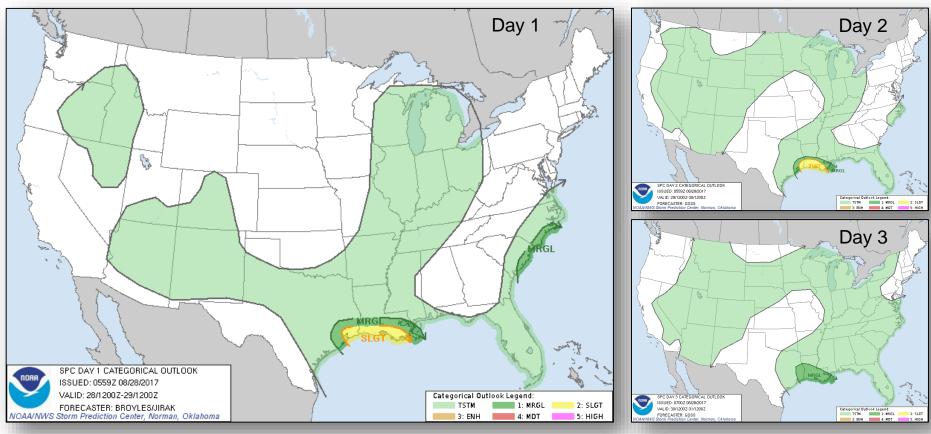
Major to Record River Flooding





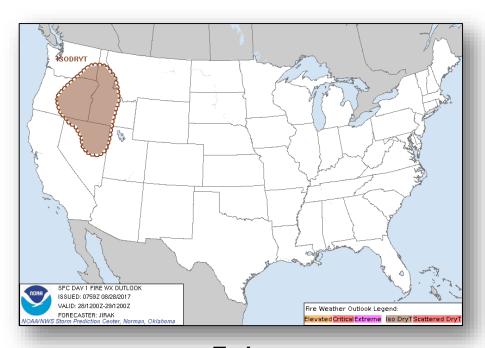
Severe Weather Outlook – Days 1-3

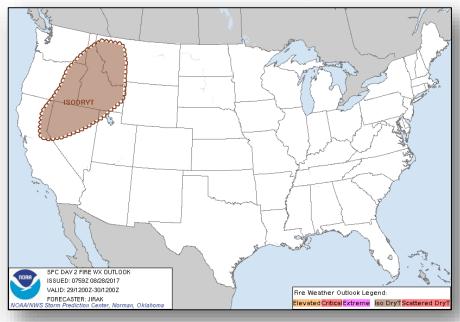




Fire Weather Outlook



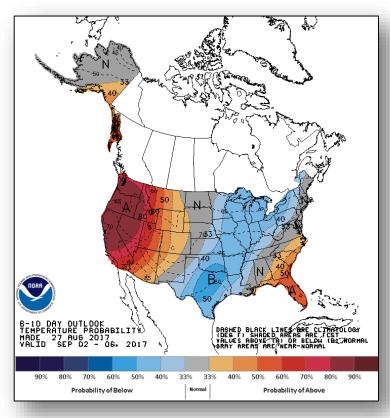




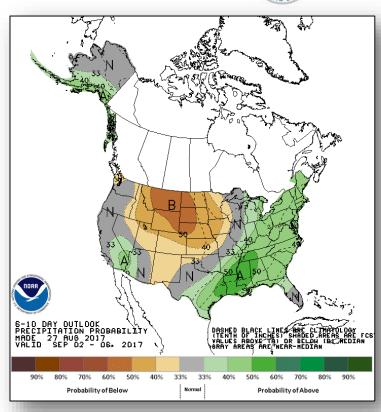
Today Tomorrow

6-10 Day Outlooks





6-10 Day Temperature Probability



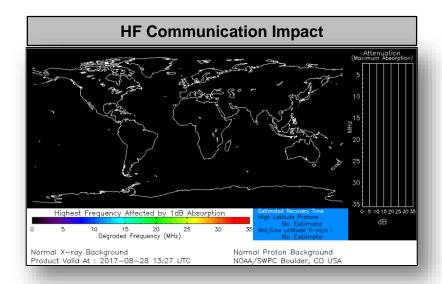
6-10 Day Precipitation Probability

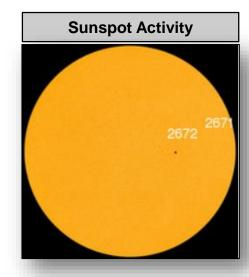
Space Weather



	Space Weather Activity	Geomagnetic Storms	Solar Radiation	
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	Percent Evacuations			Fatalities				
(County)	(Approved Date)	Burned	Contained	(Residents)	Threatened	Damaged	Destroyed	/ Injuries		
Oregon (2)										
Milli (Deschutes)	5196-FM-OR August 17,2017	15,509 (+1,396)	32%	Lifted	2,055 homes	0	0	0/1		
Chetco Bar (Curry)	5198-FM-OR August 20,2017	107,993 (+2,475)	0%	Mandatory	10,430 (8,425 homes)	9 (1 home)	26 (6 homes)	0/0		
	Montana (1)									
Lolo Peak (Ravalli and Missoula)	5197-FM-MT August 17,2017	37,246 (+2,239)	31%	Lifted	0	2	10 (2 homes)	1/3		

Joint Preliminary Damage Assessments



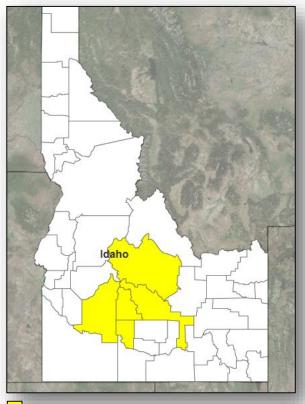
Bogien	ion State / Event		IA/PA	Number o	f Counties	Start – End	
Region	Location	tion	IA/FA	Requested	Completed	Start - End	
\/	Ш	Severe Storms and Flooding	IA	0	0	N/A	
V IL	July 11-27, 2017	PA	4	0	Aug 28 – TBD		

Declaration Approved

FEMA-4333-DR-ID

- Major Disaster Declaration approved August 27, 2017 for state of Idaho
- For flooding, IL and slides, and mudslides during the period of May 6 – June 16, 2017
- · Provides:
 - Public Assistance for 5 counties
 - Hazard Mitigation statewide
- FCO is Timothy B. Manner



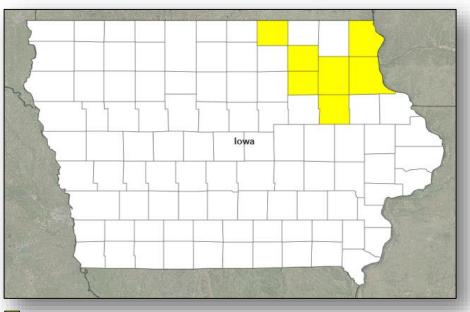




Declaration Approved

FEMA-4334-DR-IA

- Major Disaster Declaration approved August 27, 2017 for state of Iowa
- For severe storms, tornadoes, straight-line winds, and flooding during the period of July 19-23, 2017
- Provides:
 - Public Assistance for 7 counties
 - Hazard Mitigation statewide
- FCO is Michael L. Parker



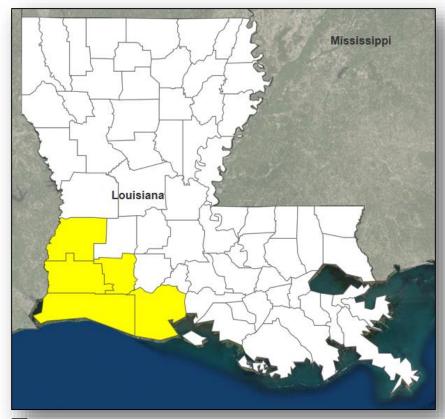
PA

Declaration Approved

Louisiana

- Emergency Declaration was approved on August 27, 2017
- For Tropical Storm Harvey beginning on August 27, 2017 and continuing
- Provides:
 - o Emergency Protective Measures (Category B), including direct federal assistance, under the Public Assistance program at 75 percent funding for 5 parishes
- FCO is William J. Doran III







Disaster Requests & Declarations



Declaration Requests in Proces	Requests APPROVED (since last report)	Requests DENIED (since last report)				
4	3	0				
NY - DR (Expedited) Flooding	х	х	х	July 6, 2017		
ID – DR Flooding, Landslides, and Mudslides		х	х	July 19, 2017	Declared August 27, 2017	
ID – DR Flooding		х	х	July 20, 2017		
ND – DR Drought	х	х	х	August 7, 2017		
IA – DR Severe Storms, Tornadoes, Straight-line Winds, and Flooding		х	х	August 10, 2017	Declared August 27, 2017	
WI – DR Severe Storms, Straight-line Winds, Flooding, Landslides, and Mudslides		х	х	August 23, 2017		
LA – EM Tropical Storm Harvey		x		August 27, 2017	Declared August 28, 2017	

Disaster Amendments



Amendment	Effective Date	Action
Amendment No. 1 to FEMA-4332-DR-TX	August 27, 2017	Adds 12 counties for Individual Assistance & debris removal and emergency protective measures (Categories A & B), and one county for emergency protective measures (Category B) only

Readiness – Deployable Teams and Assets



Resourc	e Force Strength	Available	Deployed	Other		loyed Other Cadres with 25% or less availability							
Total Workfo	rce 10,820 ▲	4,003	5,025	4 ,792	▲Environmental Historic Pr	eservation 23% (72	/311); Logistics 69	% (60/1,086); Disal	oility Integration (16	6/117)			
National IMATs*	East 1: East 2:	Deployed Alert	JFO: Lakewood, WA FCO: Thomas J. Dargan	4310-DR-ID 4313-DR-ID 4333-DR-ID JFO: Boise,	Closing 8/31/2017 VJFO: Denver, CO ID FCO: Nancy M. Casper	4319-DR-KS JFO: Wichita, KS FCO: David G. Samaniego	4321-DR-NE 4325-DR-NE JFO: Lincoln, NE FCO: Dolph A. Diemont	4318-DR-AR Closing 9/1/2017 JFO: North Little Rock, AR FCO: Jerry S. Thomas	4326-DR-MI JFO: Midland, MI FCO: Steven W. Johnson R-V IMAT (JFO)	Field Offices 🛨 JFOs: 19 DRs: 35			
(1-2 Teams)	West:	Deployed	JFO: TBD FCO: Willie G. Nunn	FCO: Himot	Hy B. Manner 4323-DR-ND 4327-DR-WY VJFO: Denver, CO		4317-DR-MO		1 8	EMs: 0 Deployed Teams			
Danisası	Assigned:	13	R-X IMAT (Salem, OR)		FCO: Thomas J. McCool	\ <i>\</i>	4334-DR-IA JFO: Jefferson City, M		1 De la lace	(Location) 4330-DR-VT*			
Regional IMATs	Available:	0	4303-DR-NV* 4307-DR-NV				FCO: Michael L. Parke			VJFO: Maynard, MA FCO: Mark H. Landry			
(0-3 Teams)	PMC / NMC:	0	JFO: Carson City, NV FCO: David Haas				my !	///	MB	4316-DR-NH 4329-DR-NH			
(5 5 1 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Deployed:	13	*R-IX IMAT-1 (JFO)			MAN (MAN)	A THE		The state of the s	VJFO: Maynard, MA FCO: Albert Lewis			
	Assigned:	28	4301-DR-CA 4305-DR-CA 4302-DR-HVT		11100000000000000000000000000000000000	SD	~ W/4 /	STEEL	MA	*R-I IMAT (VT EOC)			
US&R	Available:	10	4308-DR-CA* 4312-DR-RRT	1					7	4322-DR-NY JFO: Albany, NY FCO: Seamus K. Leary			
(<u><</u> 66%)	PMC / NMC:	0	JFO: Sacramento, CA FCO: Timothy J. Scranto	1		NB NAME OF THE PARTY OF THE PAR		OH AD THE		Tropical Cyclone Harve			
	Deployed:	18	*R-IX IMAT-2 (JFO)	7			/	~{***		Maynard MERS (HQ) Denver MERS (HQ)			
MERS	Assigned: Available:	36 21	4315-DR-OK 4324-DR-OK		The state of the s		MO STATE STA			4331-DR-WV JFO: Charleston, WV			
(< 66%)	NMC:	0	JFO: Oklahoma City, OK FCO: Charles Maskell		AZ NVI					FCO: Steven S. Ward R-III IMAT (JFO)			
(<u><</u> 0070)	Deployed:	15	4332-DR-TX JFO: TBD					GA Jacob		Frederick MERS (JFO) 4285-DR-NC			
	Assigned:	36	FCO: Kevin L. Hannes N-IMAT West (TX EOC)							JFO: Durham, NC FCO: Elizabeth Turner			
FCO	Available:	9	N-IMAT East-1 (En Rout R- II IMAT (TX EOC)	e to Houston, TX)	34					4320-DR-TN			
(<u><</u> 1 Type I)	PMC / NMC:	2	R-V IMAT (TX EOC) R-VI IMAT-2 (TX EOC)			The state of the s				VJFO: Nashville, TN FCO: Warren J. Riley			
	Deployed:	25	R-VII IMAT (En Route to	Austin, TX)		V		1		R-IV IMAT-2 (R-IV HQ) 4283-DR-FL			
	Assigned:	11	US&R Blue IST (College US&R Type 1 Team x6 (US&R Type 3 Team x8 (Southeastern, TX)	197	Tropical Cyclor		4277-DR-LA	4314-DR-MS	JFO: Maitland, FL FCO: Manny J. Toro			
FDRC	Available:	5	US&R HEPP Team x7 (Se US&R WRMRP Team x1	outheastern, TX)		R-VI IMAT-1 (LA MERS Teams x1	L (LA EOC)	JFO: Baton Rouge, LA FCO: William J. Doran III	Closing 9/1/2017 VJFO: Pearl, MS FCO: Joe M. Girot				
FDRC	PMC / NMC:	2	MERS Teams x17 (South ISB Team Bravo (DC Ft.	neastern TX)		ISB Team Alpha	(Cp. Beauregard, LA)	LA Recovery Office Baton Rouge, LA Manager: M. Womack	R-IV IMAT-1 (R-IV HQ)				
	Deployed:	4	ISB Team Charlie (Segui		As of 3:00 a.m. EDT August 28, 2017		4	wanager. w. womack					

^{*}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, V, and VIII



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.