



FEMA

Daily Operations Briefing

Wednesday, August 30, 2017

8:30 a.m. EDT

Significant Activity – August 29 - 30



Significant Events: Tropical Storm Harvey

Tropical Activity:

- Atlantic – Tropical Storm Harvey; Disturbance 1 – High (near 100%)
- Eastern Pacific – Potential Tropical Cyclone Fourteen-E – High (near 100%)
- 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 to Southeast
- Flash flooding possible – Lower Mississippi and Tennessee valleys and Southeast
- Elevated fire weather – CA, NV, OR & WA
- Scattered dry thunderstorms – OR, ID & MT
- Isolated dry thunderstorms – Northern Intermountain to Northern Plains, Central Great Basin, and Central Rockies
- Space weather:
 - Past 24 hours: None
 - Next 24 hours: Minor; geomagnetic storms reaching G1 level likely

Earthquake Activity: No significant activity

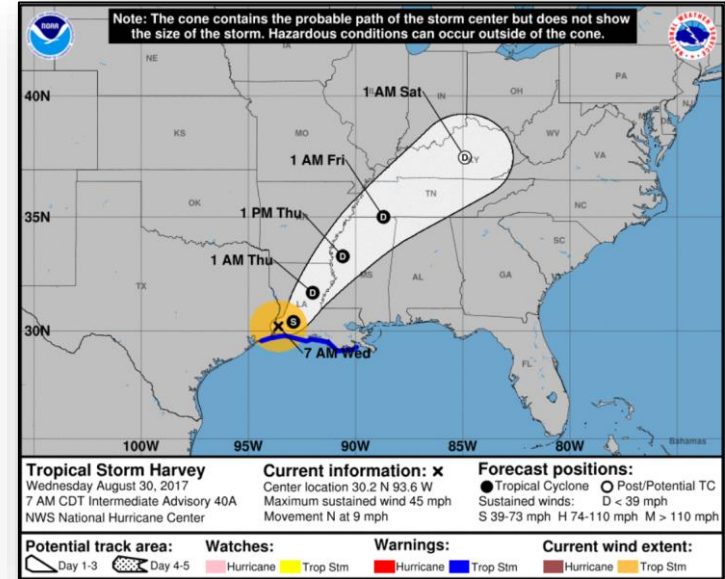
Declaration Activity: None

Tropical Outlook – Atlantic



Tropical Storm Harvey (Advisory #40A, as of 8:00 a.m. EDT)

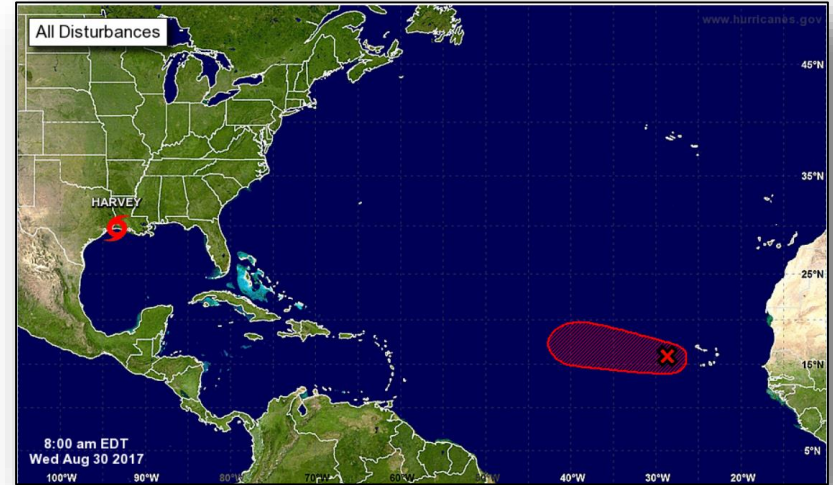
- Located 25 miles WNW of Lake Charles, LA
- Moving N at 9 mph
- Maximum sustained winds 45 mph; tropical storm force winds extend 80 miles
- Expected to become a tropical depression by tonight
- On this forecast track, center will move across Lower Mississippi and Tennessee valleys through Thursday
- Storm Surge Warning in effect from Holly Beach to Morgan City, LA
- Tropical Storm Warning in effect from east of High Island, TX to Grand Isle, LA
- Expected to produce additional rainfall accumulations of 3 to 6 inches from southwest LA & east TX into western KY through Friday with isolated amounts up to 10 inches
- Outer bands expected to produce additional rainfall amounts of 3 to 6 inches over portions of central & eastern Gulf states and 2 to 4 inches into parts of Tennessee Valley



Tropical Outlook – Atlantic

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

- Located a couple of hundred miles W of Cabo Verde Islands
- Forecast to move WNW to W at 15 mph
- Advisories likely to be initiated at 11:00 am EDT on a tropical cyclone
- Formation chance through 48 hours: High (near 100%)
- Formation chance through next 5 days: High (near 100%)



Tropical Outlook – Eastern Pacific

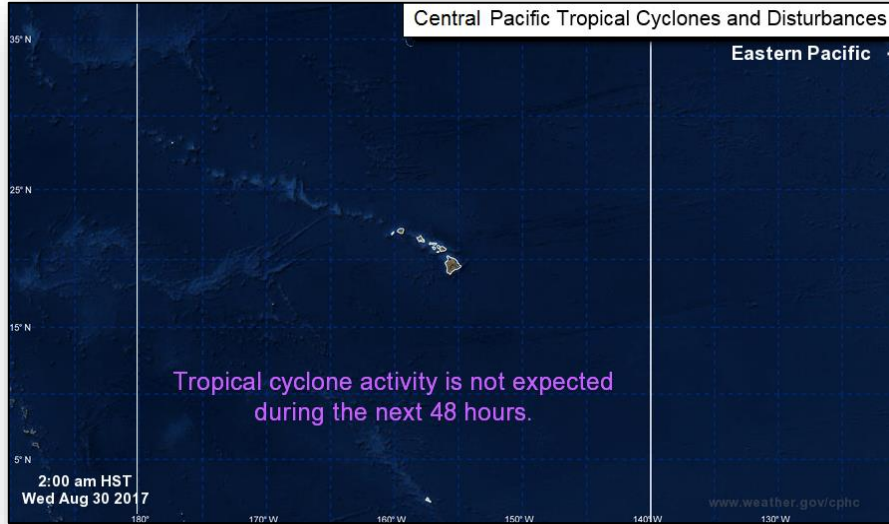


Potential Tropical Cyclone Fourteen-E (Advisory #3A as of 8:00 a.m. EDT)

- Located 295 miles W of Manzanillo, Mexico
- Moving NW at 10 mph; maximum sustained winds 35 mph
- Expected to become a tropical storm tonight
- Formation chance through 48 hours: High (near 100%)
- Formation chance through next 5 days: High (near 100%)



Tropical Outlook – Central Pacific



48-Hour Outlook

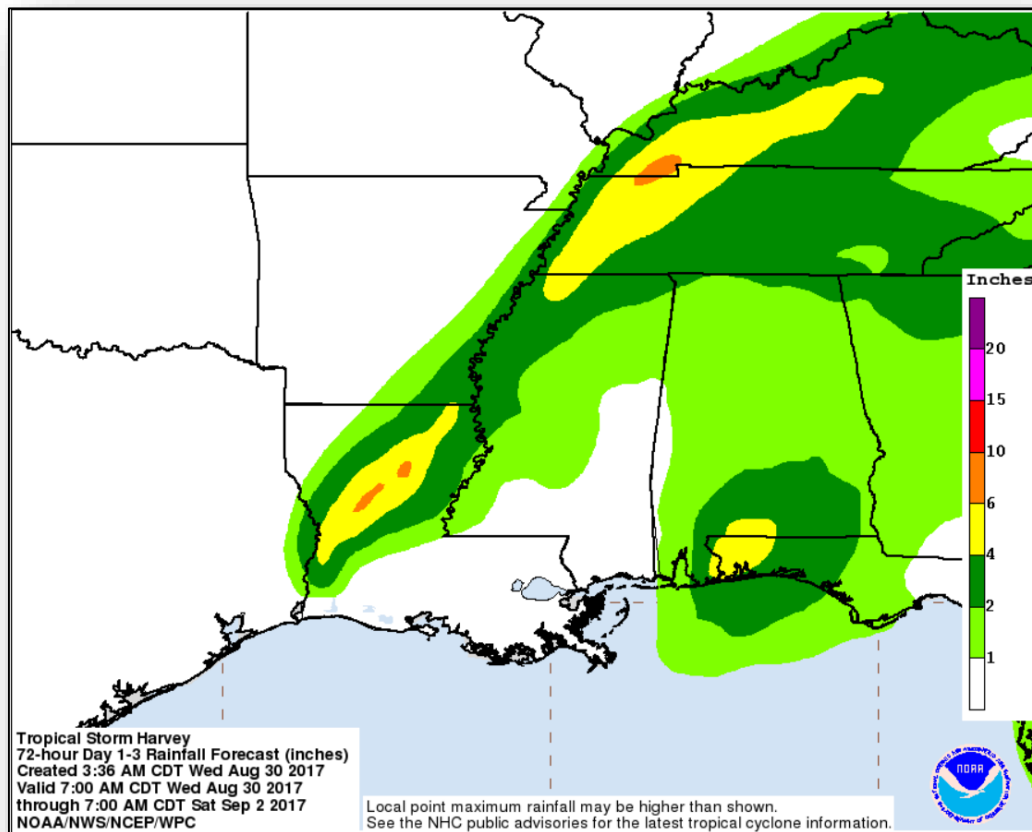


5 Day Outlook

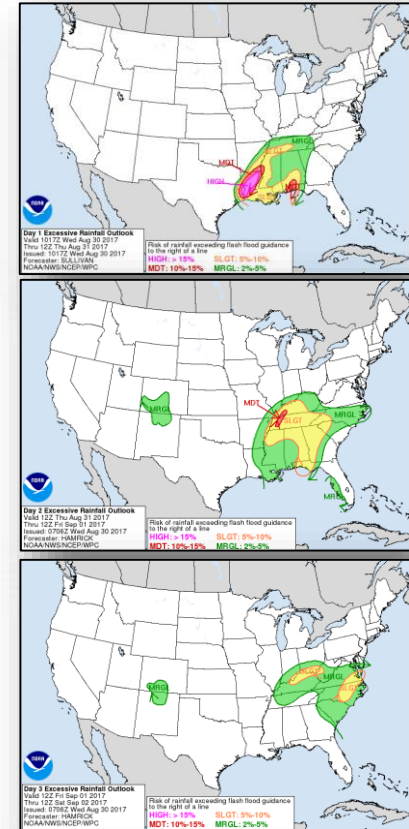
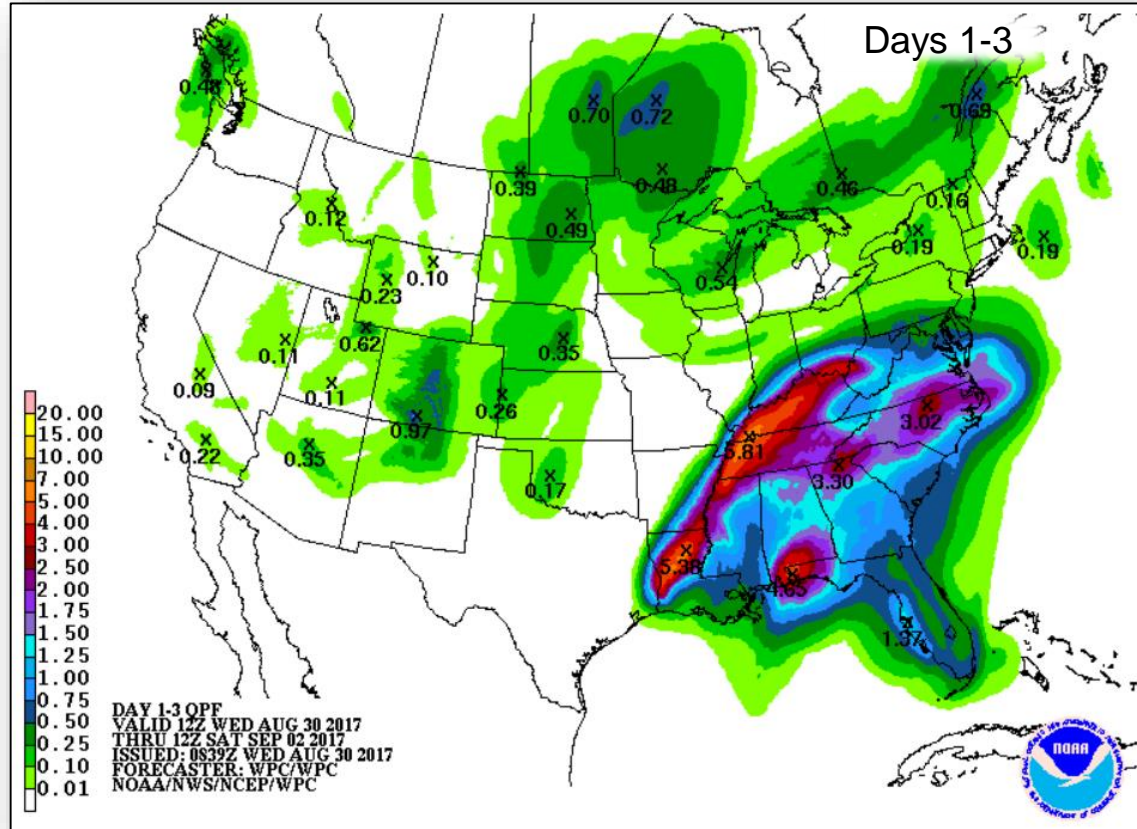
Harvey Rainfall Forecast – Days 1-5



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Precipitation Forecast



Tropical Cyclone Harvey

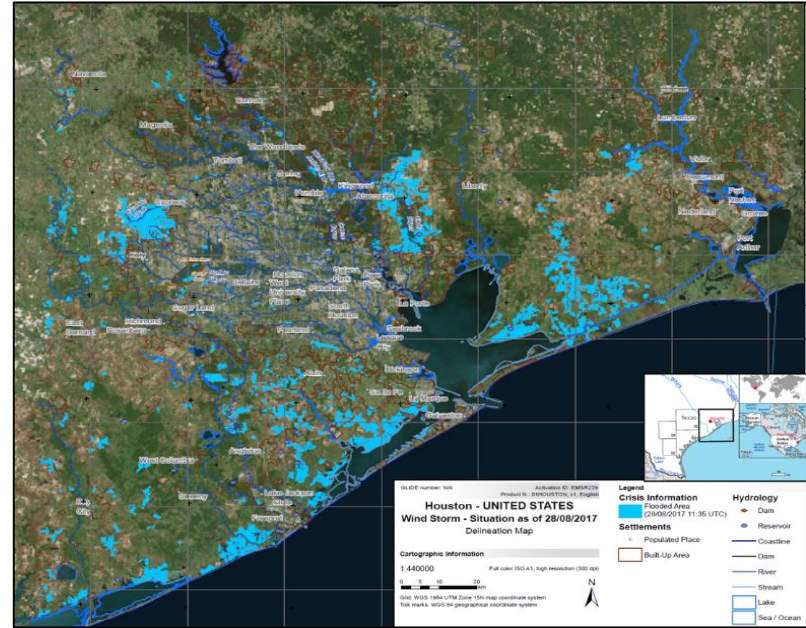


Current Situation

Additional heavy rainfall expected mainly over far southeastern TX and southwest LA into Friday. Flash Flood Warnings and Watches will remain in effect for much of the region over the next couple of days

Analysis of Impacts

- Evacuations:
 - TX – mandatory evacuations for 780k; voluntary evacuations 980k people
 - LA – mandatory evacuations for 6.8k; voluntary evacuations for 133k people
- Shelters/occupants: 142 / 22k in TX and 1 / 20 in LA (ESF #6 as of 1:00 am EDT)
- Nearly 99.5k residential homes may be affected (up from previous estimate of 62k) out of 2.2 million across 19 counties
- Power outages: 277k customers without power in TX; 11k customers without power in LA* (DOE Eagle-I as of 7:30 am EDT)
- Drinking and waste water systems continue to be evaluated for operational status
 - Drinking water systems: 4,421 systems; 4,194 no status; 18 not operational; 18 operational
 - Waste water treatment plants: 2,466 plants: 2,293 no status available; 14 on generator or by-pass pumps; 11 not operational; 4 are partially operational
 - If Northeast Water Purification Plant in Houston drops to below 20 percent capacity, the city may have to issue a boil water notice
 - All water boil notices lifted for Corpus Christi, TX; all Corpus Christi wastewater plants operational



*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:

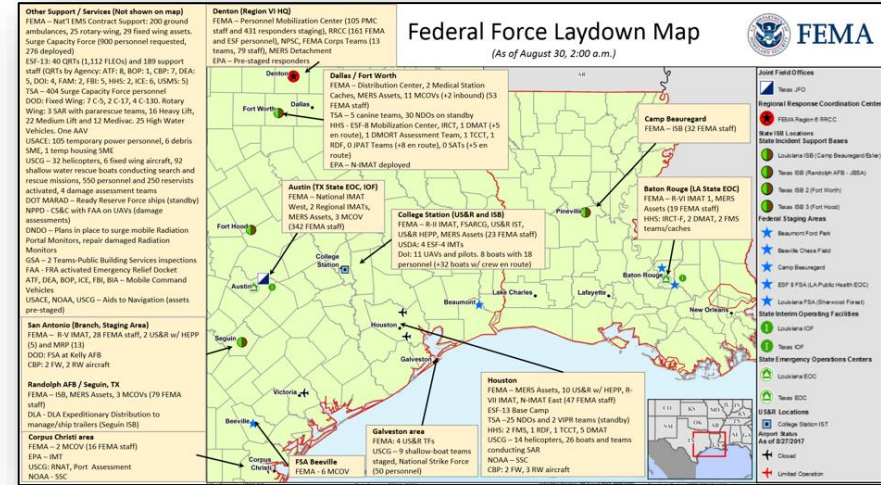
- RRCC: Level I (24/7); RWC: Steady State
- Region VI IMAT-1: Deployed to LA EOC
- Region VI IMAT-2: Deployed to TX EOC
- LNOs deployed to TX and LA

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
- EMAC request for housing 3,400 evacuees
- City of Houston imposed a curfew effect immediately
- Hospitals and nursing homes remain closed
- Port Arthur refinery is shutting down
- Airports: George Bush IAP and William P Hobby are closed but accepting limited relief flights

Louisiana

- EOC at Full Activation with ESFs 1, 3, 6, 7, 8, and DoD
- Governor declared a State of Emergency for all parishes
- Mandatory and voluntary evacuations remain in affect
- Governor mobilized 210 National Guard members with additional 230 full-time Guardsmen supporting
- 24 parish schools closed until further notice



Tropical Cyclone Harvey



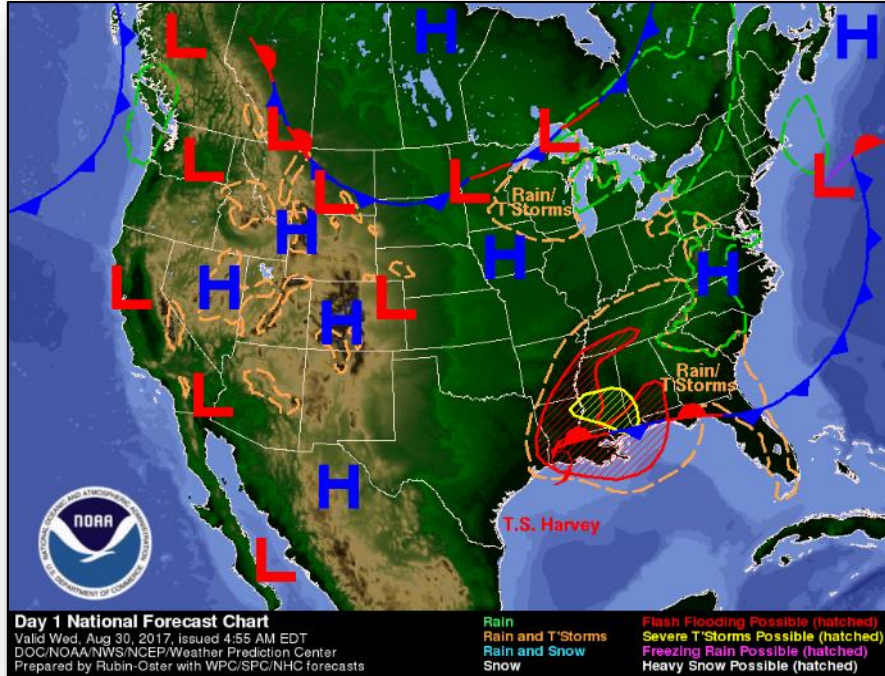
FEMA HQ

- NRCC: Level I (24/7); NWC: Steady State
- National IMAT West in TX
- National IMAT East-1 deployed to Houston, TX
- Region II, V, VI-2, VII, & VIII IMATs deployed to TX; [Region VI-1 deployed to LA](#)
- ISBs: Seguin, TX; Camp Beauregard, LA; [Randolph, TX \(will open by Aug 31\)](#)
- [MERS: 25 MCOVs deployed to TX](#)
- FEMA Corps: 1 team deployed to TX, 10 teams available, 21 additional teams available on September 1
- Staging areas: 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

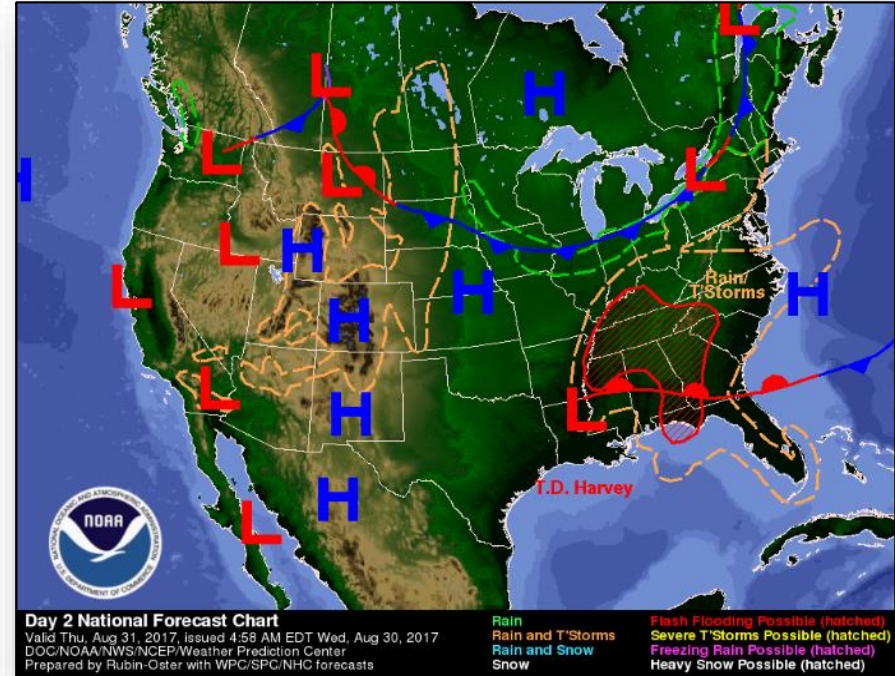
Task Force	LOCATION
OPERATIONAL	
CA-TF5,TN-TF1	Houston NE
MO-FT1	Houston NW
UT-TF1	Houston SE
NE-TF1 / OH-TF1	Houston SW
CA-TF2,3,4,6,7 / FL-TF2 / IN-FT1 / MA-TF1 / MD-TF1 / NJ-TF1 / NV-TF1 / PA-TF1 / VA-TF1, 2; WA TF-1	Harris NE
CA-TF8	Harris NW
AZ-TF1, CA-TF1	Wharton
FL-TF1 / NY-TF1	Brazoria
CO-TF1	Victoria
IST	
Blue IST (TX-TF1 Staged with IST)	College Station

- 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)
- [100%](#) of the 28 System task forces have their full 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

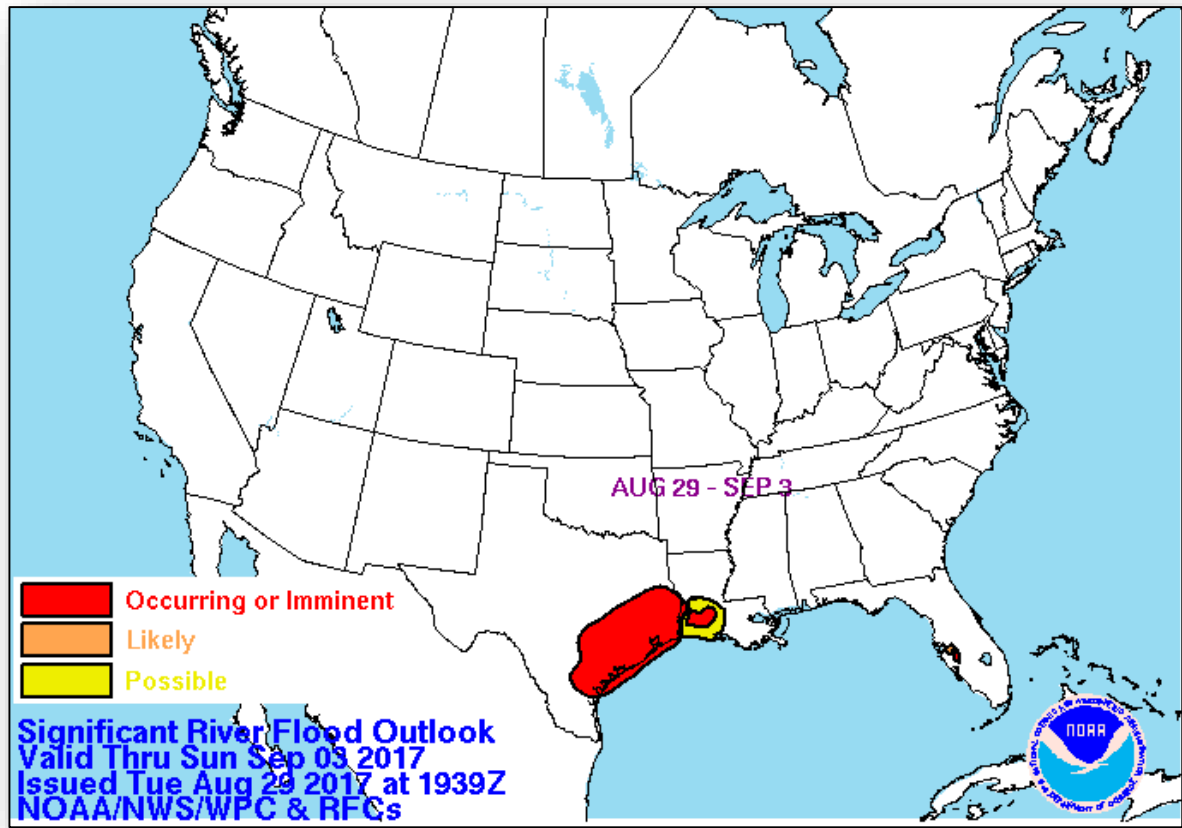


Tomorrow

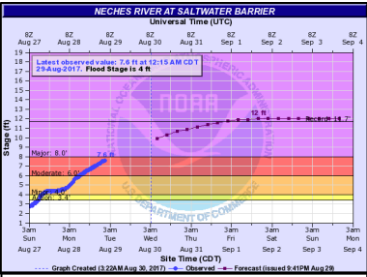
National River Flood Outlook



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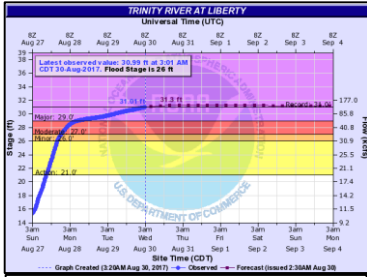


Major to Record River Flooding



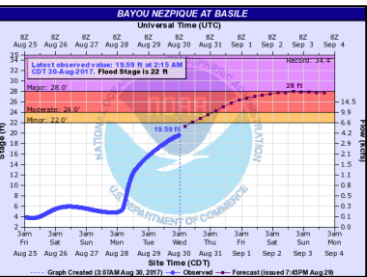
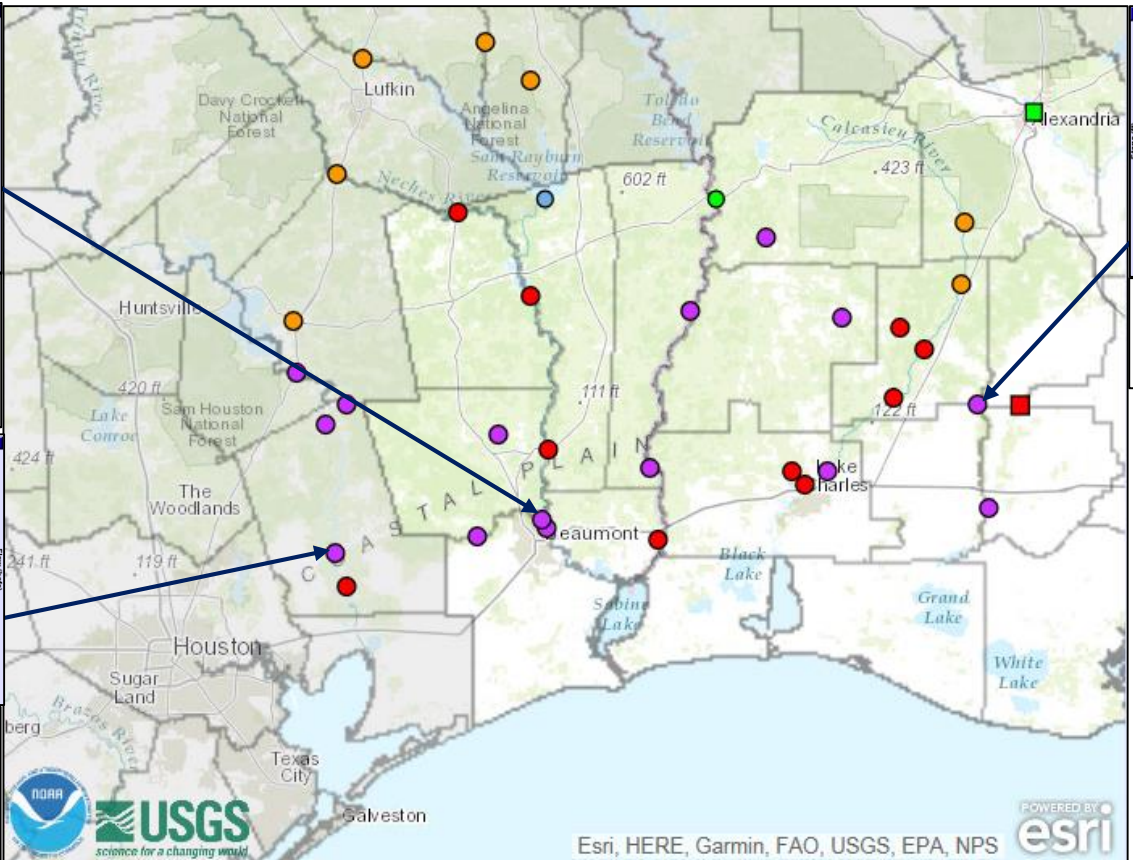
10Ft Major flooding: NW Orange Co., Lake View, Saltwater Barrier, several homes/camps and along the river in Beaumont

9.5Ft Major flooding in Lakeview Estates



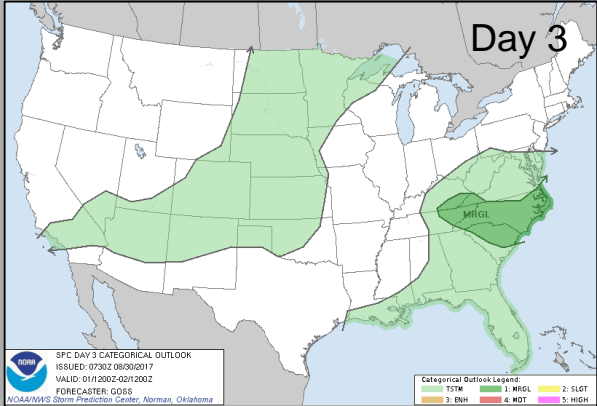
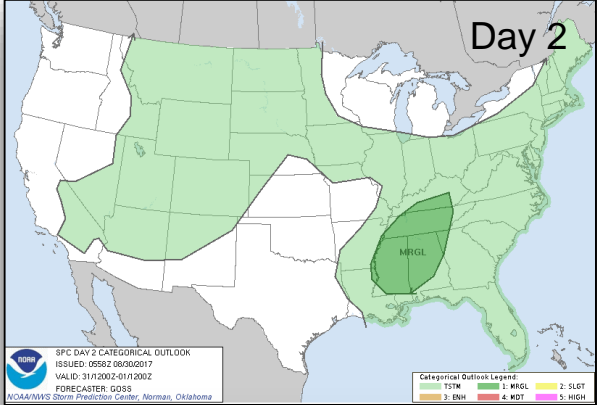
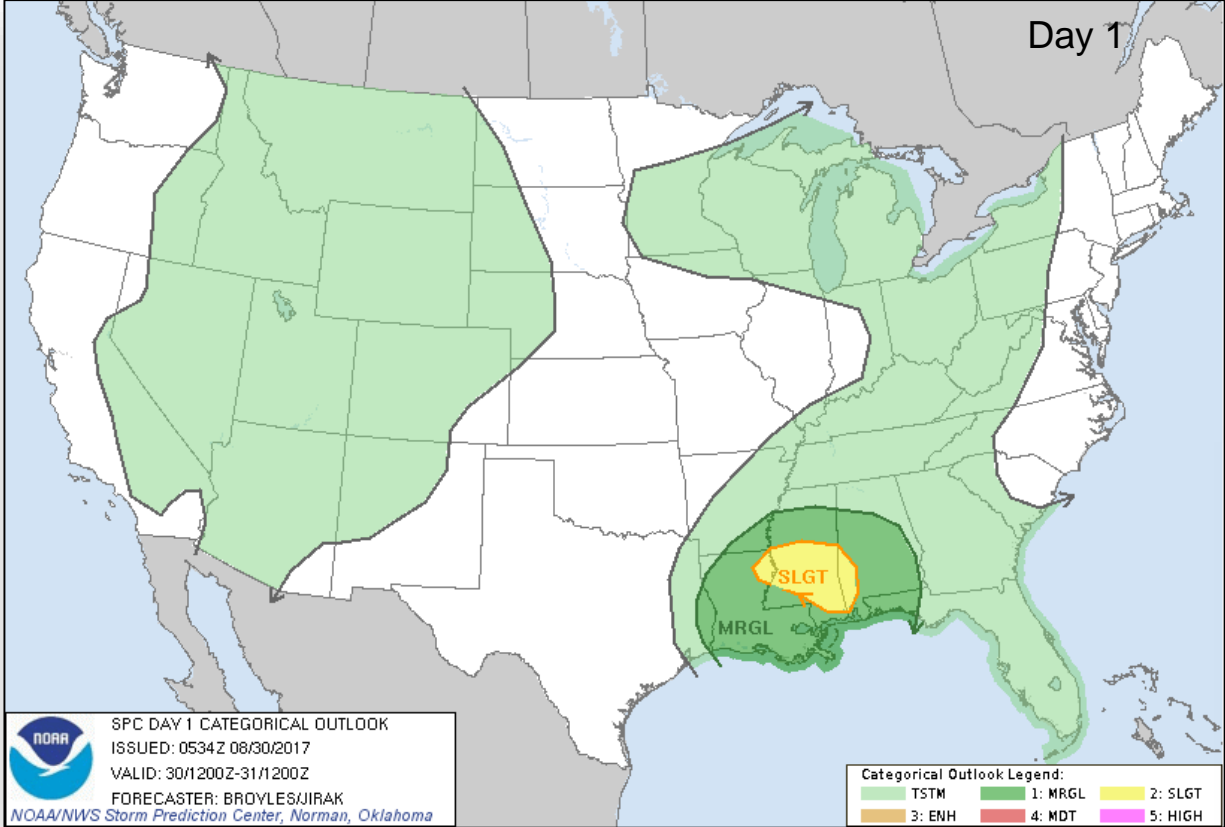
29Ft Major flooding: several subdivisions above Liberty. Extensive flooding over much of Liberty Co.

27Ft Moderate lowland flooding. Residents in 5 to 6 subdivisions cut off if not evacuated

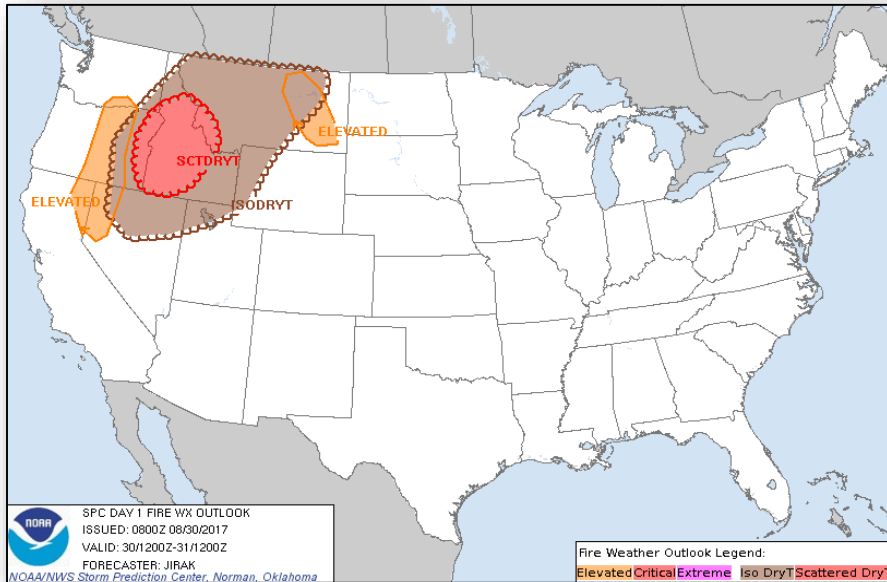


28Ft Major flood threat downstream: residential flood near Jennings, Mermentau, Silverwood, and Lake Arthur

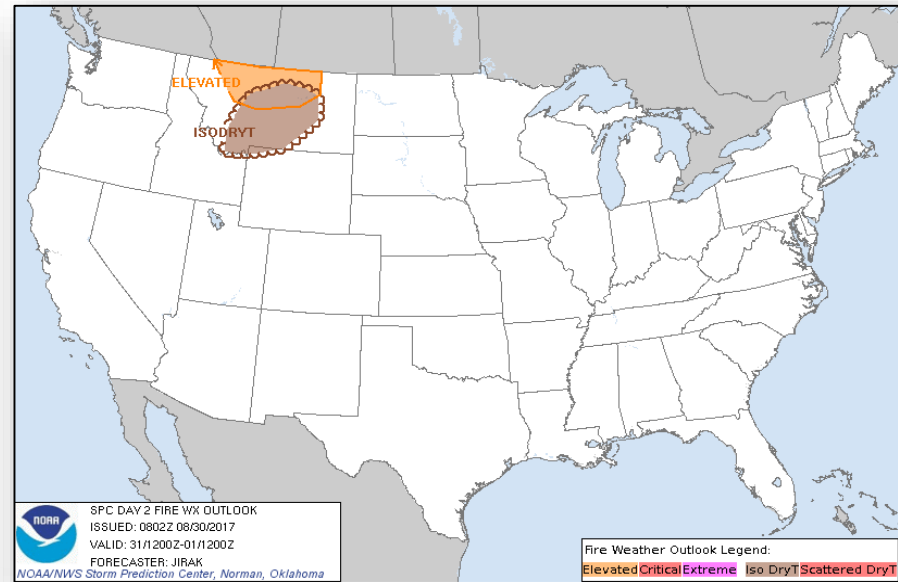
Severe Weather Outlook – Days 1-3



Fire Weather Outlook



Today

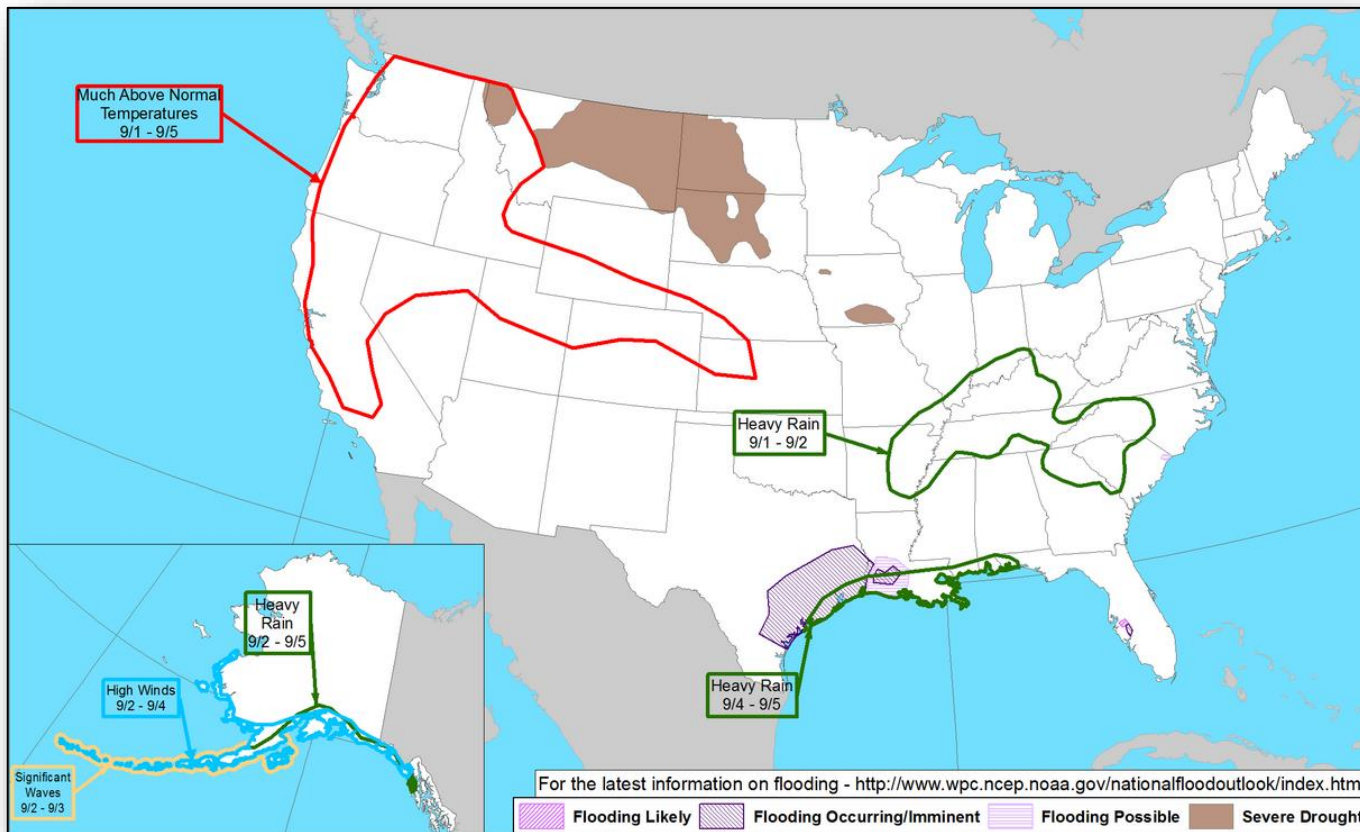


Tomorrow

Hazards Outlook – Sep 1-5



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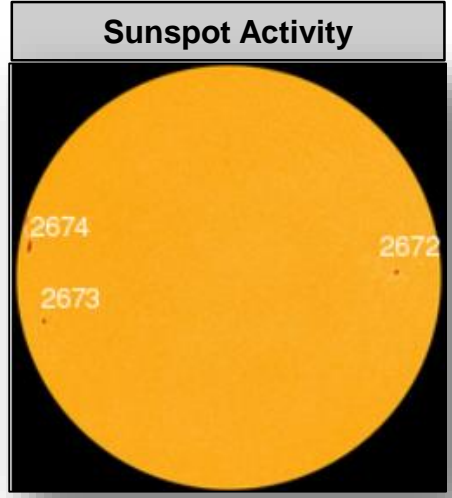
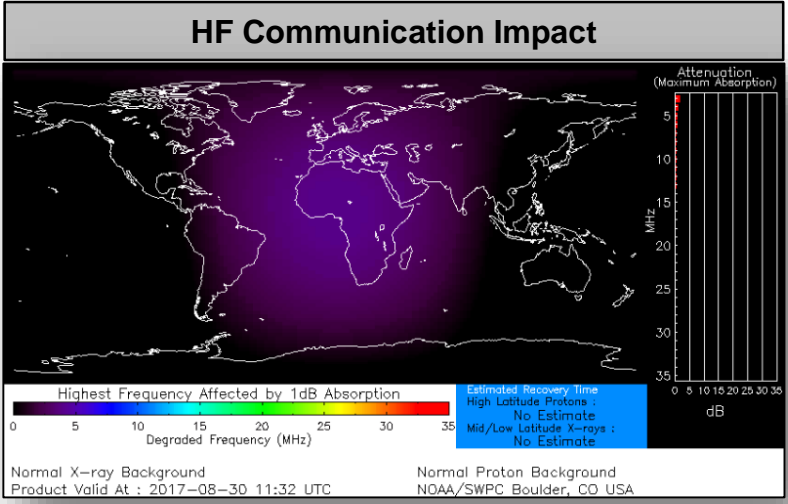
Space Weather



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	Space Weather Activity	Geomagnetic Storms	Solar Radiation	Radio Blackouts
Past 24 Hours	None	None	None	None
Next 24 Hours	Minor	G1	None	None

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



Wildfire Summary



Fire Name (County)	FMAG # (Approved Date)	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
Oregon (2)								
Milli (Deschutes)	5196-FM-OR August 17,2017	21,100 (+3,033)	44% (+12)	Lifted	2,055 homes	0	0	0 / 1
Chetco Bar (Curry)	5198-FM-OR August 20,2017	125,271 (+7,602)	5%	Mandatory	10,590 (8,518 homes)	9 (1 home)	26 (6 homes)	0 / 3
Montana (1)								
Lolo Peak (Ravalli and Missoula)	5197-FM-MT August 17,2017	38,878 (+1,034)	31%	Lifted	0	2	10 (2 homes)	1 / 3

Joint Preliminary Damage Assessments



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	0	Aug 28 – TBD
VI	NM	Severe Storms August 3, 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)
5	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 – DR Severe Storms		X	X	August 28, 2017		

Readiness – Deployable Teams and Assets



Resource	Force Strength	Available	Deployed	Other	Cadres with 25% or less availability
Total Workforce	10,899 ▲	3,519	32% ▼	5,504 ▲	1,876
Disability Integration 18% (21/119); Environmental Historic Preservation 21% (66/310); Logistics 11% (119 /1,086); Finance 23% (67/291); Information Technology 7% (44/615); Safety 20% (12/59)					
National IMATs* (1-2 Teams)	East 1:	Deployed			
	East 2:	B-2			
Regional IMATs (0-3 Teams)	West:	Deployed			
	Assigned:	13			
	Available:	0			
US&R (≤ 33%)	PMC / NMC:	0			
	Deployed:	13			
	Assigned:	28			
MERS (≤ 66%)	Available:	10			
	NMC:	0			
	Deployed:	26			
FCO (≤ 1 Type I)	Assigned:	36			
	Available:	5			
	PMC / NMC:	2			
FDRC	Deployed:	29			
	Assigned:	11			
	Available:	5			
	PMC / NMC:	2			
	Deployed:	4			

*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



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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.