

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**

**Saturday, September 2, 2017**

**8:30 a.m. EDT**

# Significant Activity – Sep 1-2



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**Significant Events:** Remnants of Harvey

**Tropical Activity:**

- Atlantic – Hurricane Irma; Disturbance 1 – Low (near 0%)
- Eastern Pacific – Tropical Storm Lidia
- Central Pacific – No tropical cyclones expected next 48 hours
- Western Pacific – No activity affecting U.S. interests

**Significant Weather:**

- Elevated fire weather – MT, WY, ND, and SD
- Space weather:
  - Past 24 hours: Minor; geomagnetic storms reaching G1 level occurred
  - Next 24 hours: Minor; geomagnetic storms reaching G1 level expected

**Earthquake Activity:** No significant activity

**Declaration Activity:**

- Major Disaster Declaration Request – Illinois
- Major Disaster Declaration Request – Kansas
- Major Disaster Declaration Request – New York
- Amendment No. 3 to FEMA-4332-DR-TX
- Amendment No. 1 to FEMA-4327-DR-WY

# Tropical Outlook – Eastern Pacific

## Tropical Storm Lidia (Advisory #15A as of 8:00 a.m. EDT)

- Located 70 miles ESE of Punta Eugenia, Mexico
- Moving NW at 12 mph
- Maximum sustained wind 45 mph
- Lidia is expected to become a remnant low by tonight or Sunday



# Tropical Outlook – Atlantic

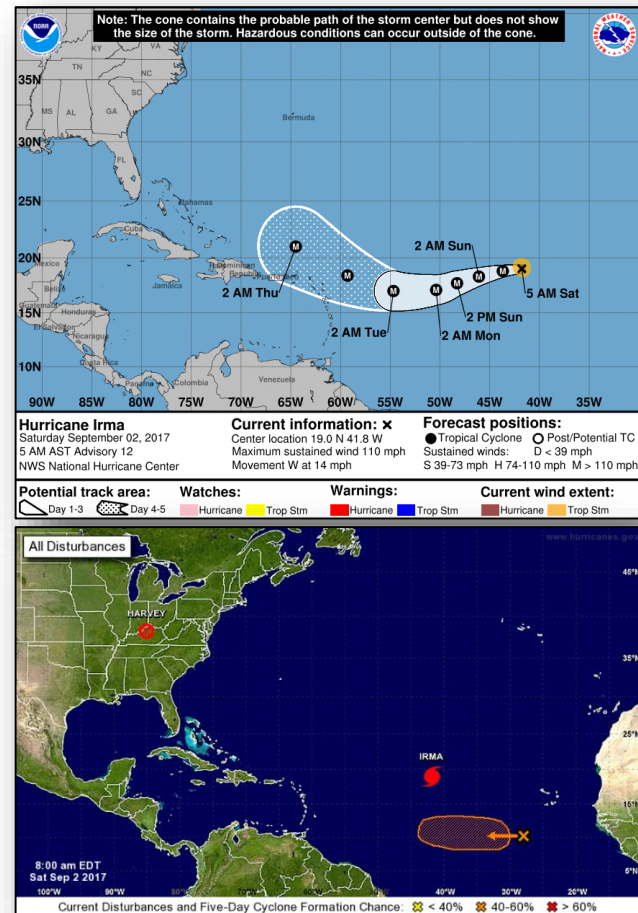


## Hurricane Irma (Advisory #12, as of 5:00 a.m. EDT)

- Category 2 Hurricane
- Located 1,320 miles E of the Leeward Islands
- Moving W at 14 mph
- Fluctuation in strength is possible during the next few days

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

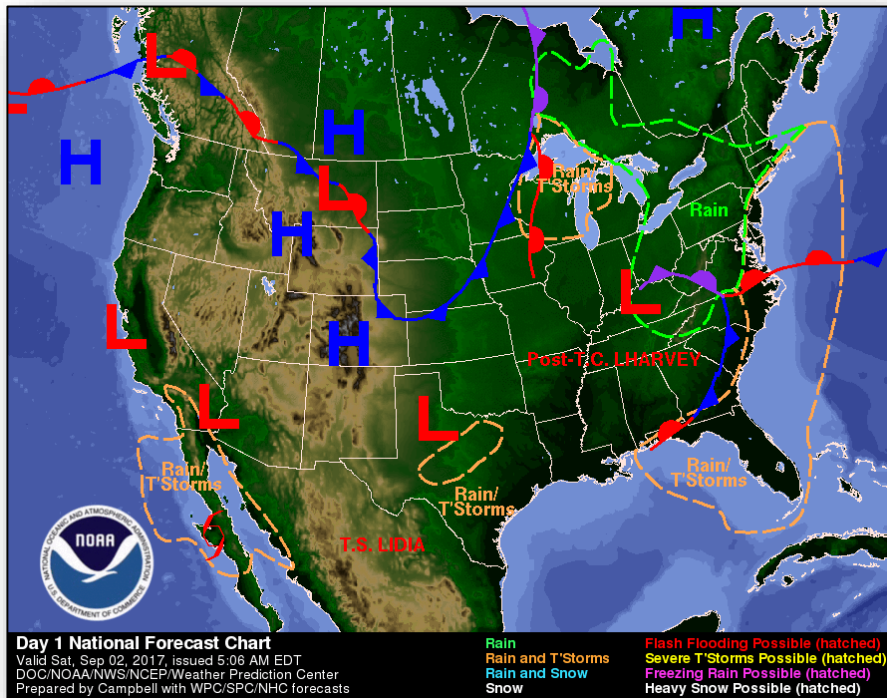
- Located a few hundred miles SW of the Cabo Verde Islands
- Moving west at 15 mph
- Formation chance through 48 hours: Low – (near 0%)
- Formation chance through 5 days: Medium – (60%)



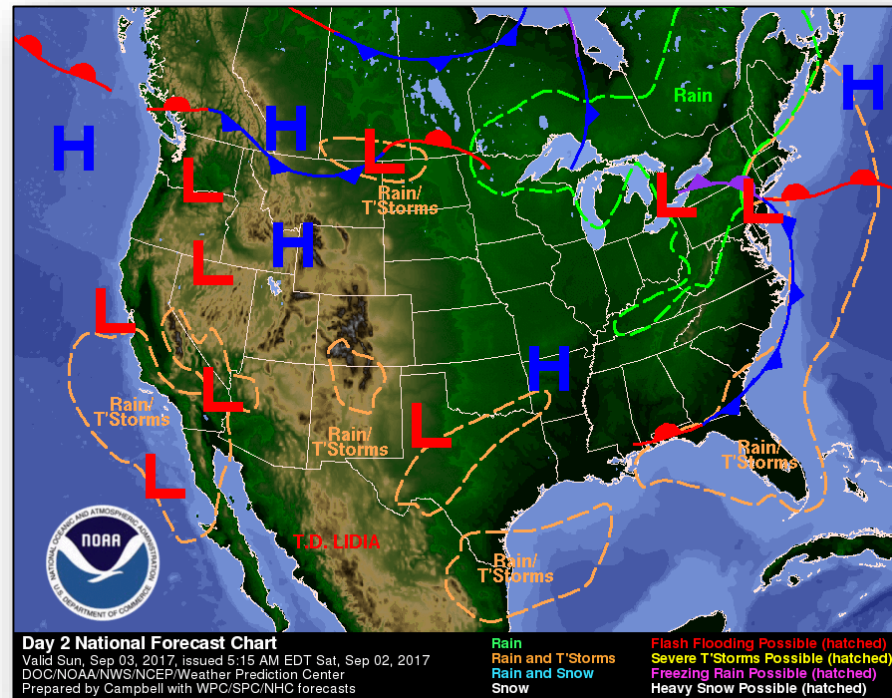
# National Weather Forecast



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*Today*



*Tomorrow*



# Tropical Cyclone Harvey



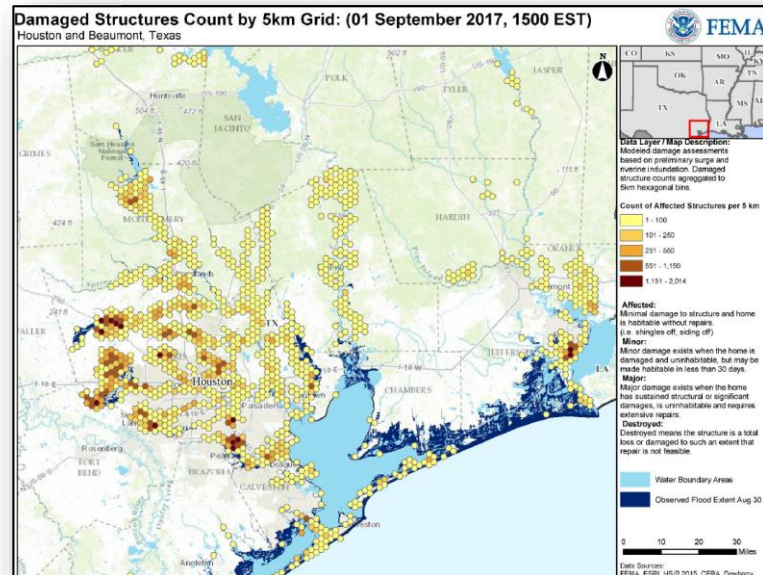
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## Current Situation

- Response and recovery efforts continue throughout the Gulf Coast
- Dry weather this weekend; area rivers and bayous to fall below major flood stage
- Record flooding will continue on the Neches River near Beaumont through next week
- Harvey's remnants may cause locally significant flash flooding, especially in Kentucky
- Isolated tornadoes possible, primarily over the Carolinas

## Impacts

- **Widespread Damage:** Nearly 137k (+18k) of 2.7M homes in 29 counties impacted
- **Evacuations:**
  - TX – Mandatory evacuations for 430k; Voluntary evacuations for 234k people
  - LA – Mandatory evacuations for 6.9k; Voluntary evacuations for 133k people
- **Shelters / Occupants:** 258 / 42k in TX; 6 / 1,507 in LA
- **Transportation:** Limited operations across the region
  - Airports: Beaumont closed (expected to open Sep 4)
  - Seaports: **Dredging to begin this weekend**
  - Roads/Bridges: Major roads remain closed through the impacted area
- **Communications:** 2.4% cell tower outage; 100k landline customers out of service
- **Medical:** 29 hospitals closed; 12 hospitals reopened
- **Power Outages:** 123k customers without power in TX\* (as of 5:30 a.m. EDT)
- **Schools:** Houston schools closed for at least 2 weeks
- **Other:** Numerous tornadoes, high wind, and hail events reported across the Lower Mississippi Valley and much of the Southeast



- Explosion at the Arkema Chemical Plant in Harris County, TX:
  - Trailers of organic peroxide burning, emitting black smoke
  - Six remaining trailers of the compound at the facility, with remaining compounds expected to degrade at any time
  - No known incidents involving the sulfur dioxide at the plant

# Tropical Cyclone Harvey



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## FEMA Region VI

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

## Texas

- EOC at Full Activation

## Louisiana

- EOC at Full Activation

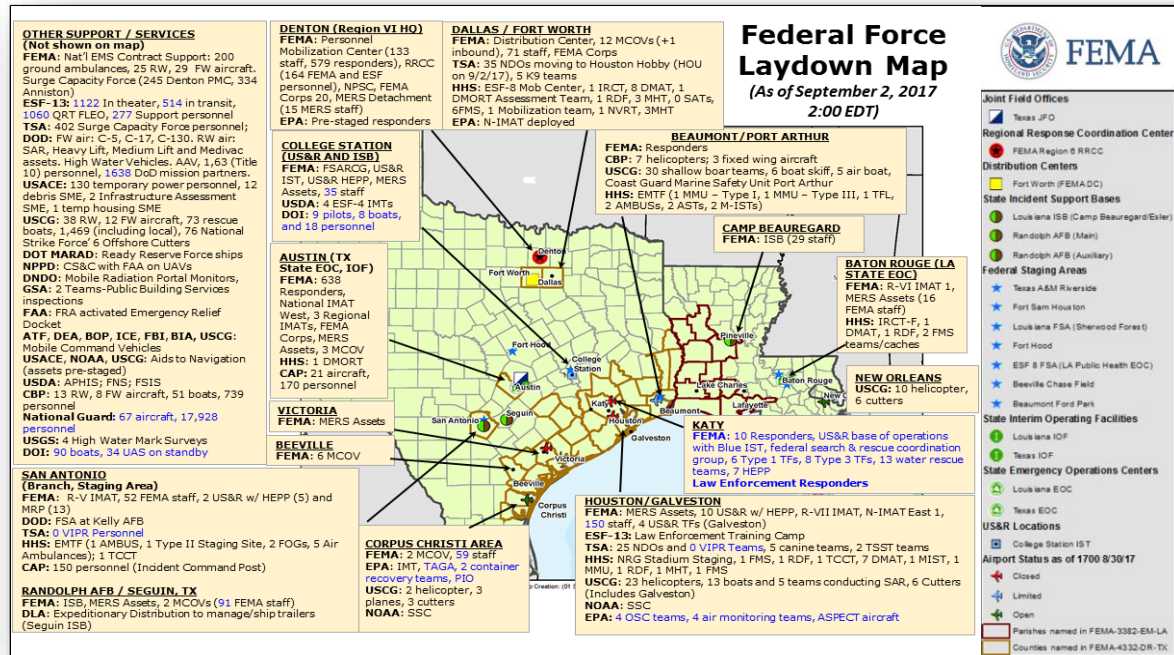
## Other State EOCs

### Supporting EMAC:

MS, KY, TN  
AR, NM, OK

## FEMA HQ

- NRCC: Level I (24/7); NWC: Steady State
- National IMAT West (Austin, TX)
- National IMAT East-1 (Houston, TX)
- Region V, VII, & VIII IMATs (TX)
- ISBs: Seguin, TX; Camp Bearegard, LA; Randolph, TX
- MERS: 25 MCOVs (TX)
- FEMA Corps: 1 team (TX), 31 teams available
- US&R: All 28 National Teams have deployed assets (TX)

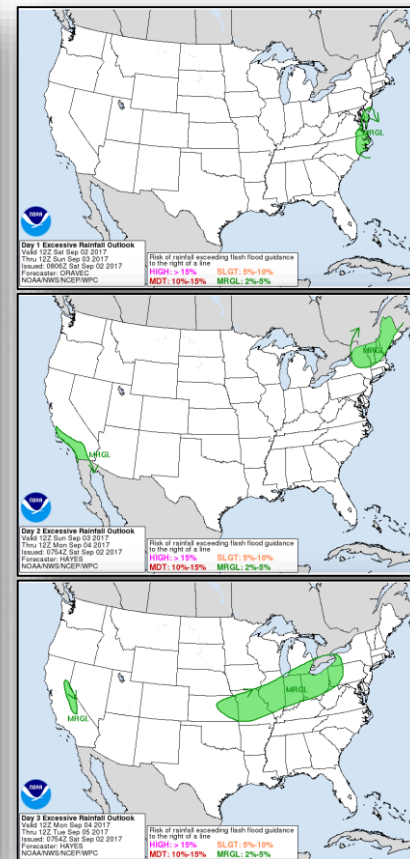
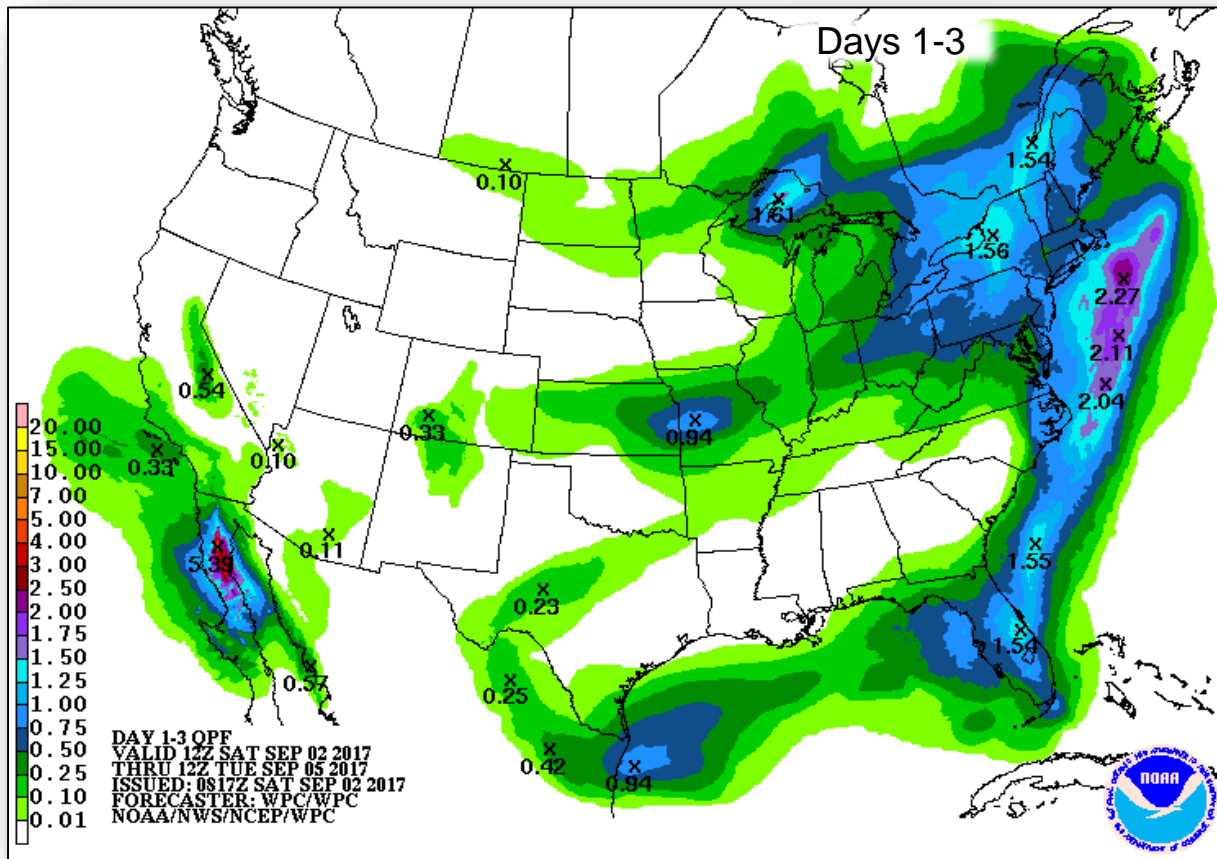




# Precipitation Forecast



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Day 1

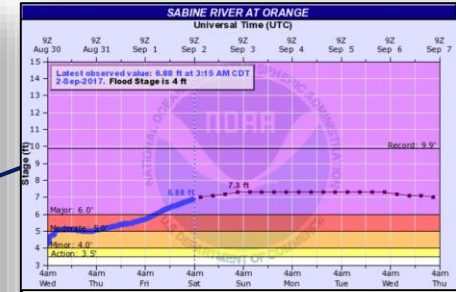
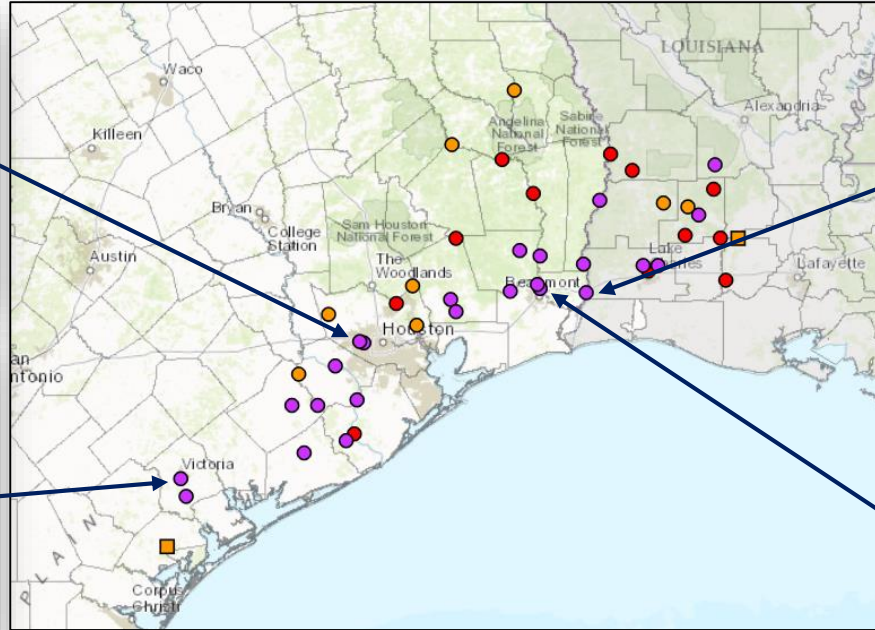
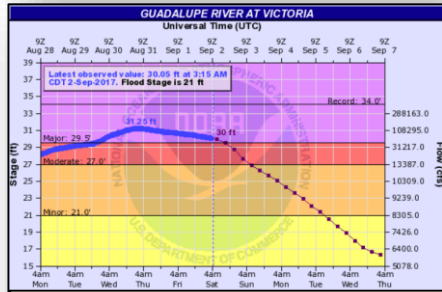
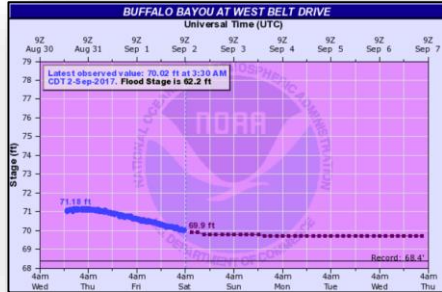
Day 2

Day 3

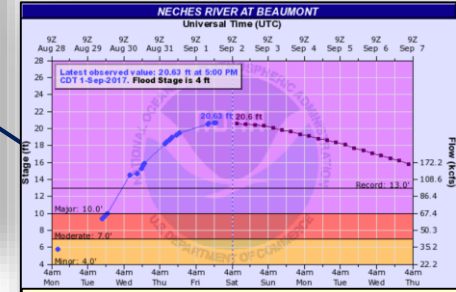


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# Major to Record River Flooding



**9.86 feet:** Water levels are near those reached with the storm surge from Hurricane Ike in 2008. Widespread catastrophic flooding occurs across much of Orange



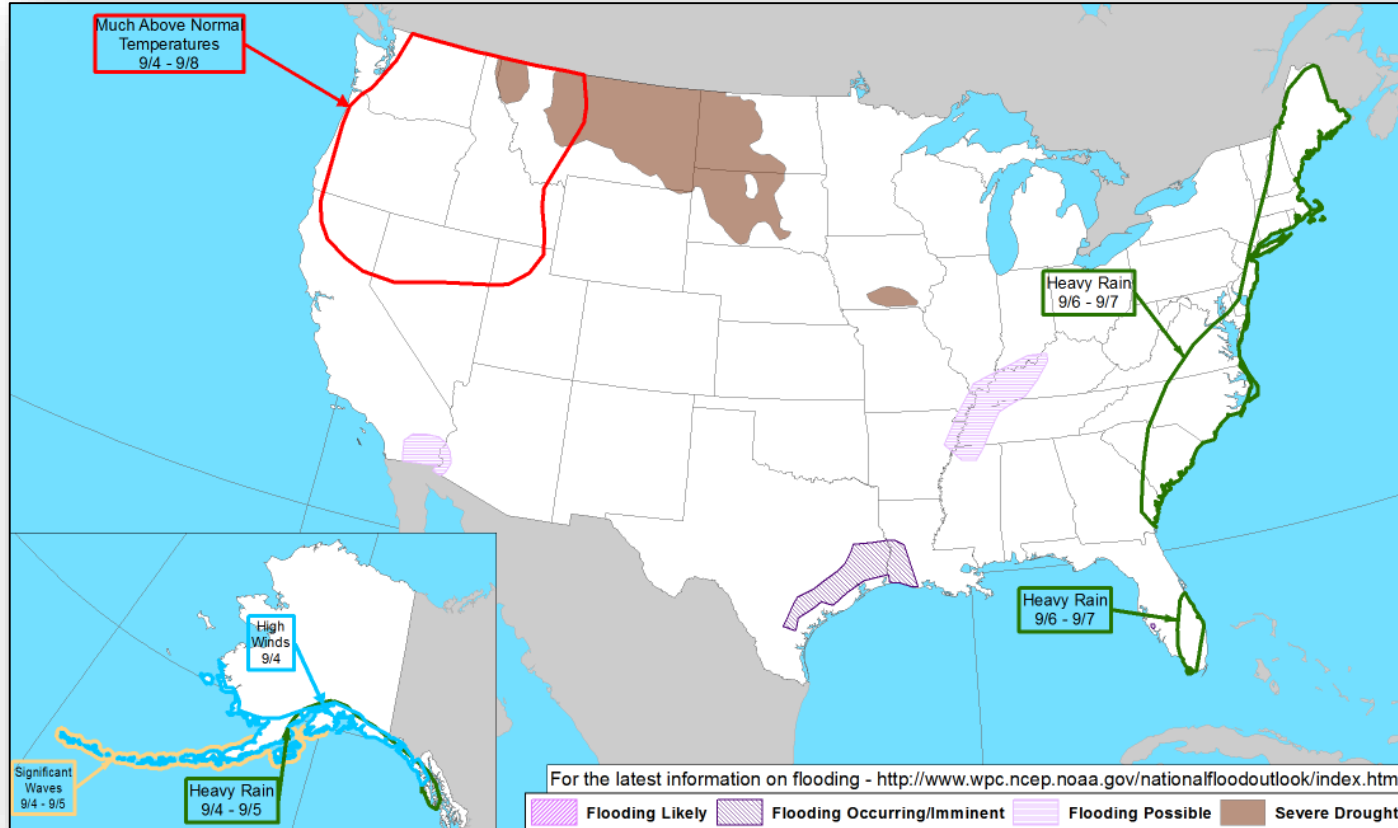
**13 feet:** River is near flood of record which occurred October 1994. Widespread major flooding is occurring. Numerous homes in northeast Beaumont and Rose City are flooded.

**34.04 feet:** This is the flood of record, which occurred on October 20 1998. Disastrous flooding occurs. Over 600 homes in the west and southwest part of the city of Victoria and over 300 homes in the county of Victoria are affected. The AEP Power Plant on Bottom Road is under water and electricity may be shut off on the south side of town

# Hazards Outlook – Sep 4-8



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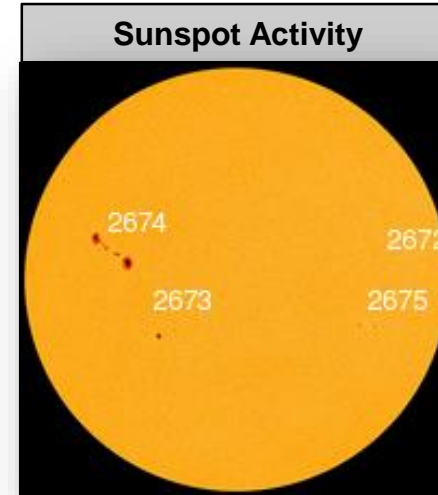
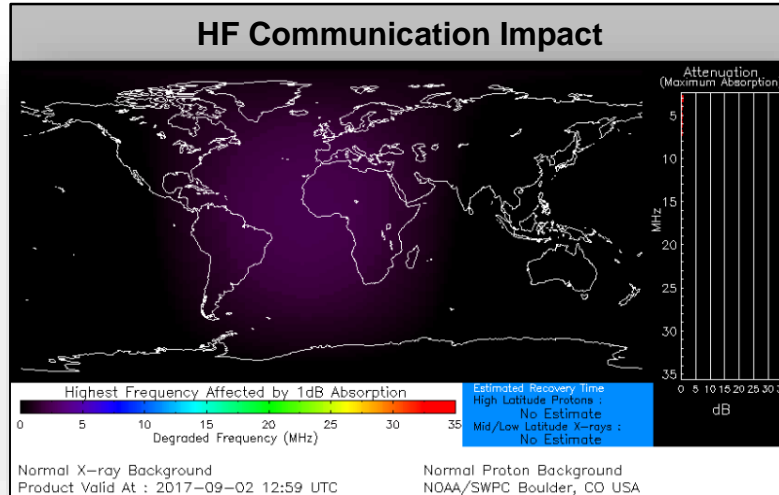


# Space Weather



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



FEMA

Fire Name (County)	FMAG # (Approved Date)	Acres Burned	Percent Contained	Evacuations (Residents)	Structures			Fatalities / Injuries
					Threatened	Damaged	Destroyed	
California (1)								
Helena (Trinity)	5199-FM-CA Sept 1 ,2017	5,170 (+170)	0%	Mandatory	5,250 (4,000 homes)	0	130 (80 homes)	0 / 0
Oregon (1)								
Chetco Bar (Curry)	5198-FM-OR August 20,2017	131,197 (+7,015)	10%	Mandatory	12,286 (8,523 homes)	9 (1 home)	26 (6 homes)	0 / 3

# Joint Preliminary Damage Assessments



FEMA

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



# Declaration Request



## Illinois

- Governor requested a Major Disaster Declaration on August 31, 2017
- For severe storms and flooding that occurred July 11-27, 2017
- Requesting:
  - Individual Assistance for 4 counties
  - Hazard Mitigation statewide



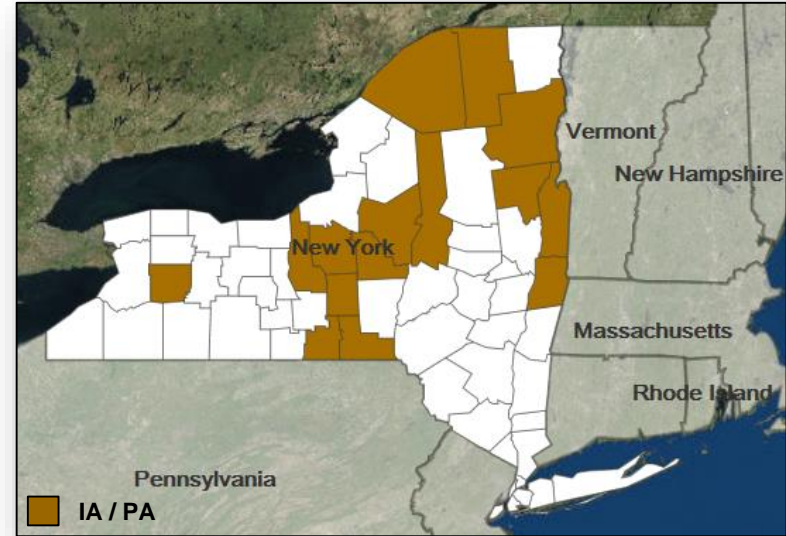
# Declaration Request



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## **New York**

- Governor requested a Major Disaster Declaration on August 31, 2017
- For severe storms, tornadoes, and flooding that occurred June 30, 2017 and continuing
- Requesting:
  - Individual Assistance and Public Assistance for 15 counties
  - Hazard Mitigation statewide



# Declaration Request



FEMA

## **Kansas**

- Governor requested a Major Disaster Declaration on September 1, 2017
- For severe storms, straight-line winds, and flooding that occurred July 22-27, 2017
- Requesting:
  - Public Assistance for 2 counties
  - Hazard Mitigation statewide



# Disaster Requests & Declarations



**FEMA**

Declaration Requests in Process					Requests APPROVED (since last report)	Requests DENIED (since last report)
<b>8</b>	<b>IA</b>	<b>PA</b>	<b>HM</b>	<b>Requested</b>	<b>0</b>	<b>0</b>
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		
IL – DR Severe Storms and Flooding	X		X	August 31, 2017		
NY – DR Severe Storms, Tornadoes, and Flooding	X	X	X	August 31, 2017		
KS – DR Severe Storms, Straight-line Winds, and Flooding		X	X	September 1, 2017		

# Disaster Amendments



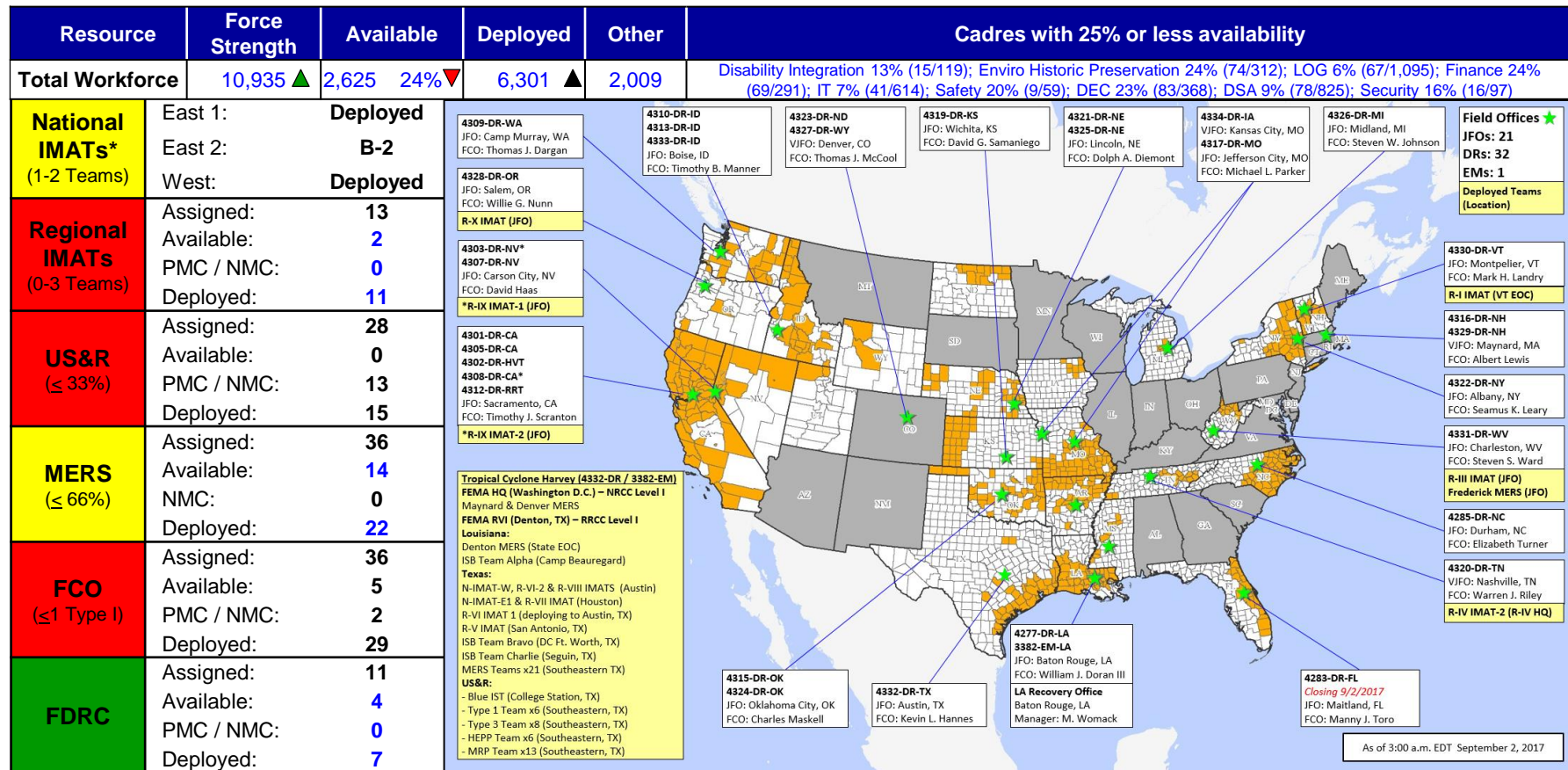
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Amendment	Effective Date	Action
Amendment No. 3 to FEMA-4332-DR-TX	August 31, 2017	Adds 3 counties for Individual Assistance & debris removal and emergency protective measures (Categories A & B)
Amendment No. 1 to FEMA-4327-DR-WY	September 1, 2017	Adds 1 county for Public Assistance

# 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

As of 3:00 a.m. EDT September 2, 2017



# FEMA Readiness – Activation Teams



Resource	Status	Total	Status	Activated Team	Activation Level	Activation Times	Reason/Comments
NWC		5	Not Activated				
NRCC		2	Activated	Gold	Level I	24/7	Tropical Cyclone Harvey
HLT		1	Activated				Hurricane Season
RWCs/MOCs		10	Not Activated				
RRCCs		10	Activated	Region VI	Level I	24/7	Tropical Cyclone Harvey

**Back-up Regions: IV and V**



# FEMA

**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.**