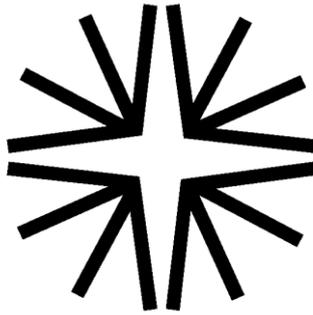


**NATO**  
Euro-Atlantic Disaster Response  
Coordination Centre  
(EADRCC)  
Fax : +32-2-707.2677  
Nato.eadrcc@hq.nato.int



**OTAN**  
Centre Euro-Atlantique de  
coordination des réactions en cas de  
catastrophe  
(EADRCC)  
Télécopie : +32-2-707.2677  
Nato.eadrcc@hq.nato.int

**NON - CLASSIFIED**

## **EADRCC Executive Summary No. 1 Hurricane Harvey**

Message N°. : OPS(EADRCC)(2017)0194  
Dtq : 1 September 2017, 16:55 UTC  
From: : Euro-Atlantic Disaster Response Coordination Centre  
To : Points of Contact for International Disaster Response in NATO and  
Partner Countries  
Precedence : Priority  
Originator : Duty Officer Tel: +32-2-707.2670  
Approved by : Team leader EADRCC Tel: +32-2-707.2673  
Reference : EAPC(C)D(98)10(Revised)

This report consists of : - 4- pages

### **BACKGROUND:**

Hurricane Harvey is an active tropical cyclone that is causing unprecedented and catastrophic flooding in south-eastern Texas and southwest Louisiana. It is the first major hurricane to make landfall in the United States since Wilma in 2005, ending a record 12-year period with no hurricanes of Category 3 intensity or higher making landfall in the United States.

A disaster proclamation was declared for the state of Texas, releasing federal disaster response resources and funds.

### **CURRENT SITUATION:**

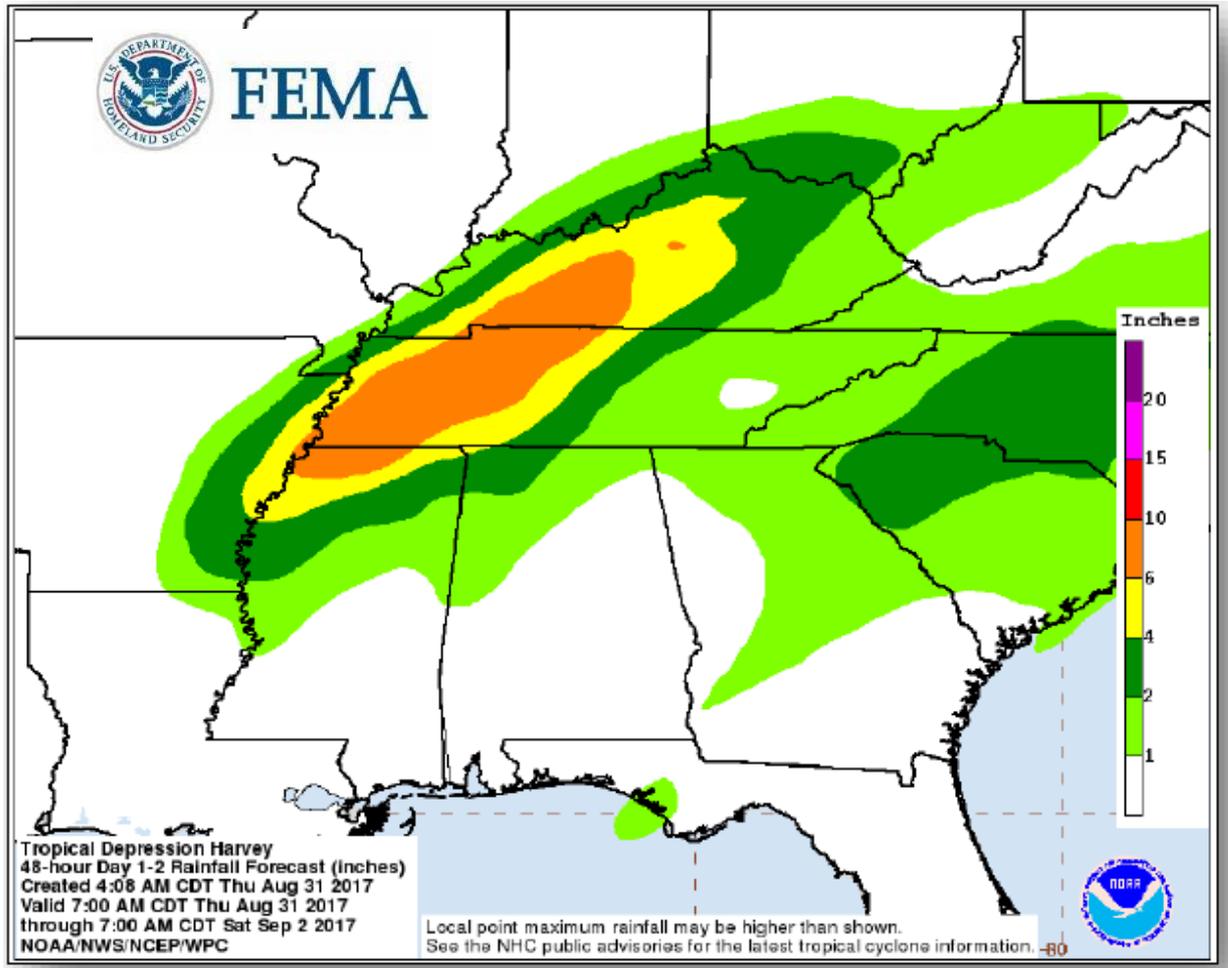
On 30 August 2017, National Hurricane Center (NHC) downgraded Harvey to a tropical depression, but says catastrophic flooding continues.

According to FEMA Daily Operations Briefing of 31 August 2017, Harvey continues to weaken as it move farther inland over northern Louisiana. Heavy rain threat expands northeast into the Tennessee and Ohio valleys. Remnants of Harvey will continue to spread over the Tennessee and Ohio Valleys today and into the Mid-Atlantic region and Northeast on Saturday. Rainfall amounts of 1 to 3 inches of rain with locally higher amounts will be possible. The threat for flash flooding continues to become more isolated over time. Rivers and bayous in southeast TX, particularly in the Beaumont and Port Arthur regions will likely remain in major to record

**NON - CLASSIFIED**



flood through next week which will significantly hamper response and recovery activities as several crests will not be reached until this weekend. Any additional rainfall over the next week or two over the area that occurs will lead to slower receding waters.



FEMA Daily Operations Briefing of 31 October 2017, Harvey Rainfall 1-5 days forecast

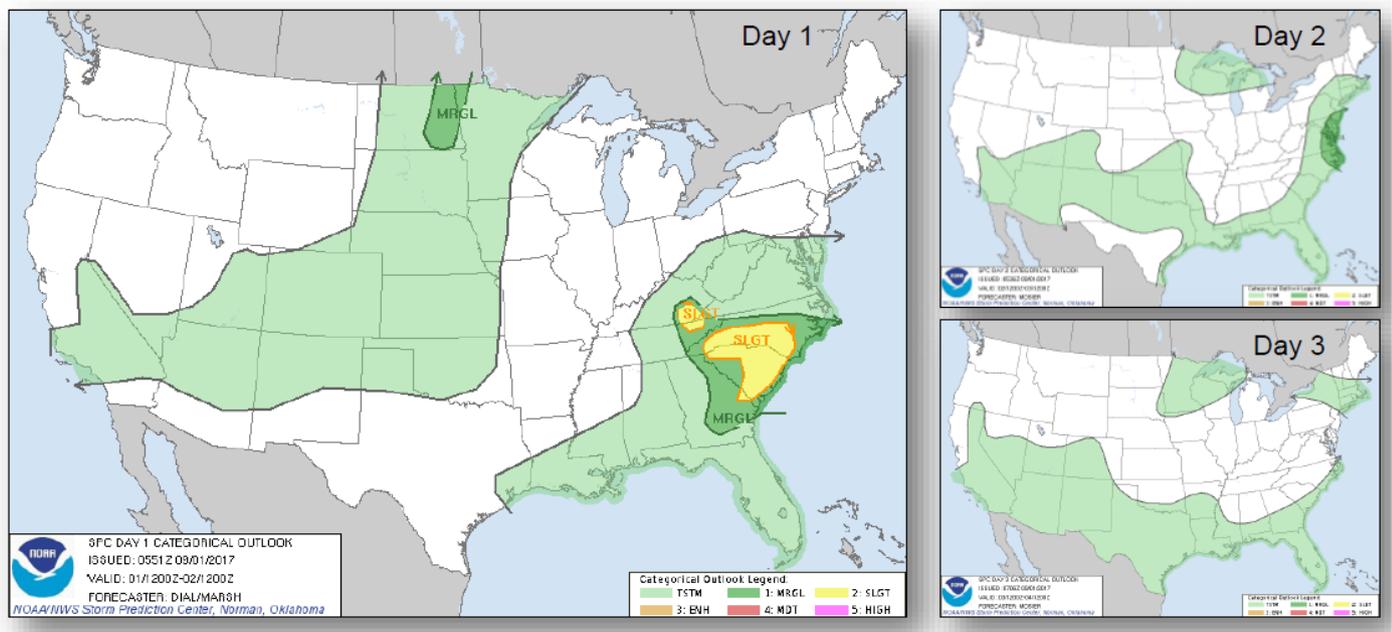
### IMPACT ANALYSIS:

- Widespread Damage: Nearly 137,000 (+18,000) of 2.7 million homes across 29 counties impacted
- Evacuations:
  - Texas – mandatory evacuations for 430,000; voluntary evacuations 234,000;
  - Louisiana – mandatory evacuations for 6,900; voluntary evacuations for 133,000 people.
- Shelters/occupants: 243 / 34,000 in Texas and 6 / 1,679 in Louisiana.
- Transportation: Limited operations across the region.
  - Airports: Beaumont closed (expected to open Sep 4).



- Seaports: Victoria closed; Houston, Galveston, Texas City, and Freeport open with restrictions.
- Railways: Railroad operations remain stopped in impact zone.
- Subway / Bus: Services limited in Houston and Corpus Christi.
- Roads/Bridges: Major roads remain closed through the impacted area.
- Communications: 4% cell tower outage; 100.000 landline customers out of service.
- Medical: 15 hospitals closed; 7 hospitals reopened; 41 nursing homes closed.
- Power Outages: 207.000 customers without power in Texas. 1.700 customers without power in Louisiana. Estimated power restoration by September 7<sup>th</sup> in both states.
- 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.

## Severe Weather Outlook – Days 1-3



Forecast for 1 to 3 of September

### INTERNATIONAL ASSISTANCE:

The United States is grateful for the offers of support already received from the international community, and encourages those nations interested in supporting the response to make financial donations directly to private (non-governmental) relief organizations operating in the affected area.



The most effective way to support disaster survivors in their recovery is to donate money and time to trusted, reputable, voluntary or charitable organizations. Cash donations offer voluntary agencies and faith-based organizations the most flexibility to address urgently developing needs. With cash in hand, these organizations can obtain needed resources nearer to the disaster location. This inflow of cash also pumps money back into the local economy and helps local businesses recover faster.

Donate through a trusted organization. At the national level, many voluntary-, faith- and community-based organizations are active in disasters, and are trusted ways to donate to disaster survivors. Individuals, corporations, and volunteers, can learn more about how to help on the [National Voluntary Organizations Active in Disaster](#) (NVOAD) website.

In addition to the national members, The Texas Voluntary Organizations Active in Disaster (Texas VOAD) has a list of [vetted disaster relief organizations](#) providing services to survivors. Texas VOAD represents more than three dozen faith-based, community, nonprofit and non-governmental organizations.

The EADRCC is in close contact with the Permanent Delegation of United States to NATO and with the U.S. Federal Emergency Management Agency - FEMA.

FEMA can be reached at the following e-mail address: [Fema-nrcc-fiaa@fema.dhs.gov](mailto:Fema-nrcc-fiaa@fema.dhs.gov)

The Euro-Atlantic Disaster Response Coordination Centre can be reached in the following ways:

Telephone:	+32-2-707.2670
Fax :	+32-2-707.2677
Mobile Phone:	+32-475-829.071
e-mail:	<a href="mailto:eadrcc@hq.nato.int">eadrcc@hq.nato.int</a>
Internet	<a href="http://www.nato.int/eadrcc/home.htm">http://www.nato.int/eadrcc/home.htm</a>