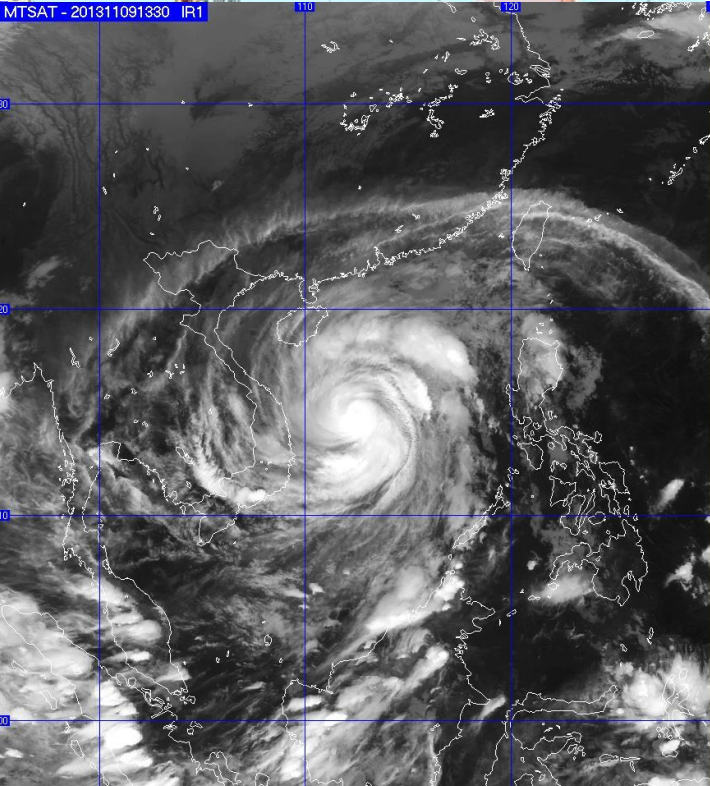
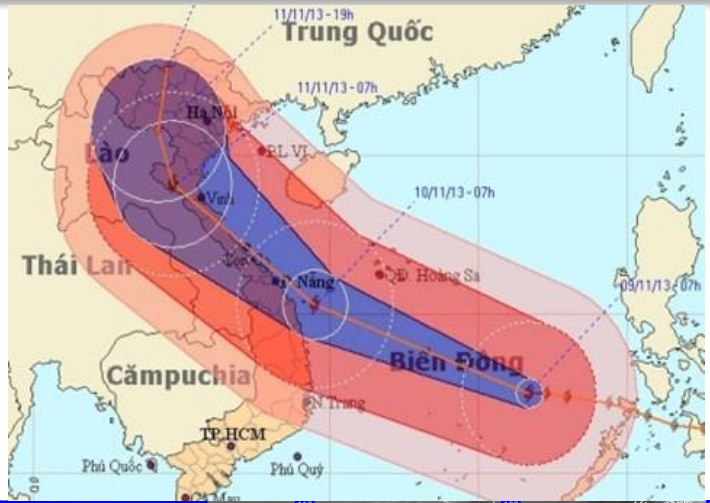


# YALE/TULANE ESF-8 PLANNING AND RESPONSE PROGRAM SPECIAL REPORT TYPHOON HAIYAN - VIETNAM

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**9 NOV 2013  
(AS OF 1 PM EST)**



VIETNAM

[VIETNAM GOVERNMENT PORTAL](#)

[MINISTRY OF HEALTH](#)

[MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT](#)

[NATIONAL HYDRO METEOROLOGICAL SERVICE](#)

INTERNATIONAL/REGIONAL

[RELIEFWEB](#)

EUROPEAN

[HUMANITARIAN AID AND CIVIL PROTECTION](#)

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[THE DEPARTMENT OF STATE](#)

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[THOMAS REUTERS FOUNDATION](#)

[UNDERGROUND WEATHER](#)

[GOOGLE CRISIS RELIEF MAP](#)

[HUMANITY ROAD](#)

# BACKGROUND

## BACKGROUND

Within the first two weeks of October, Central Vietnam was hit by two category-1 storms, Typhoon Wutip (storm number 10) on 30 September and Nari (storm number 11) on 15 October, leaving behind significant damages in nine provinces of Thanh Hoa, Nghe An, Ha Tinh, Quang Binh, Quang Tri, Thua Thien-Hue, Da Nang, Quang Nam and Quang Ngai. Among these, Nghe An, Ha Tinh, Quang Binh, Quang Tri and Thua Thien-Hue are suffering from the dual impacts of both storms.

The total economic loss due to Nari is estimated to be VND 1.5 trillion (USD 71 million), on top of the VND 13.5 trillion (USD 663.23 million) economic loss earlier caused by Wutip.

Following these storms, Vietnam was hit by storm number 12, and Typhoon Haiyan is forecasted to hit the same provinces affected by the previous two major storms.

An estimated 6.5 million people will be affected by this typhoon, specifically in the provinces of Ha Tinh, Quang Binh, Quang Nam, Da Nang, Quang Ngai, Quang Tri and Thua Thien-Hue, specifically as follows:

<i>Viet Nam</i>	<i>Ha Tinh</i>	<i>1.3 million people</i>
<i>Viet Nam</i>	<i>Quang Binh</i>	<i>740,000 people</i>
<i>Viet Nam</i>	<i>Quang Nam-Da Nang</i>	<i>1.9 million people</i>
<i>Viet Nam</i>	<i>Quang Ngai</i>	<i>1.1 million people</i>
<i>Viet Nam</i>	<i>Quang Tri</i>	<i>520,000 people</i>
<i>Viet Nam</i>	<i>Thua Thien Hue</i>	<i>990,000 people</i>

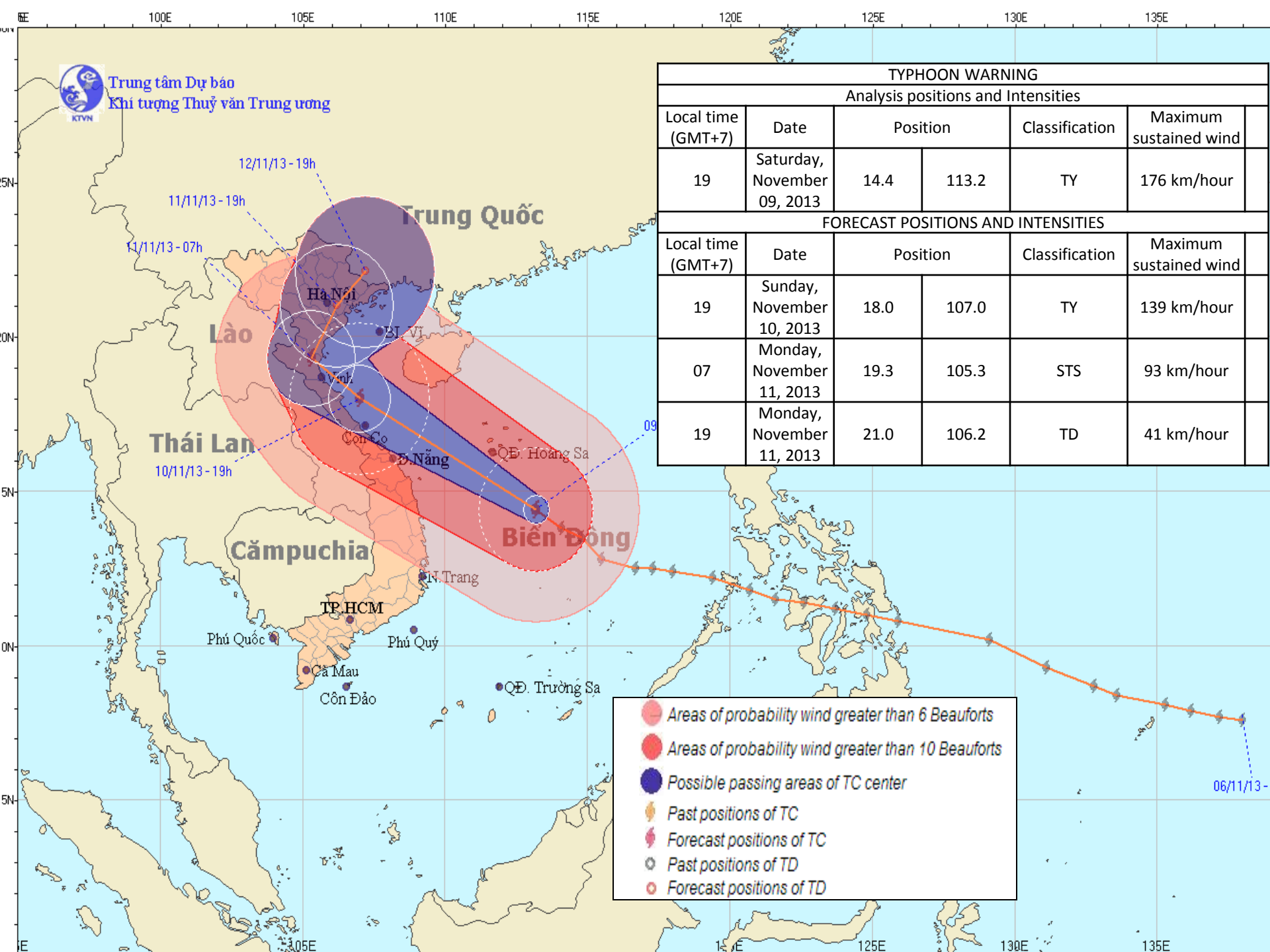
Source: Global Disaster Alert and Coordination System

The predicted areas of impact are already experiencing heavy rains and flash floods due to a tropical depression which passed Vietnam earlier in the week. One person is missing while two people have been killed by the floods - one in Thua Thien-Hue and the other in Quang Ngai provinces.

The expected further rainfall from the typhoon raises extensive concerns with regard to flooding due to the already waterlogged environment.



Trung tâm Dự báo  
Khí tượng Thủy văn Trung ương



**TYPHOON WARNING**

Analysis positions and Intensities

Local time (GMT+7)	Date	Position		Classification	Maximum sustained wind
19	Saturday, November 09, 2013	14.4	113.2	TY	176 km/hour

FORECAST POSITIONS AND INTENSITIES

Local time (GMT+7)	Date	Position		Classification	Maximum sustained wind
19	Sunday, November 10, 2013	18.0	107.0	TY	139 km/hour
07	Monday, November 11, 2013	19.3	105.3	STS	93 km/hour
19	Monday, November 11, 2013	21.0	106.2	TD	41 km/hour

- Areas of probability wind greater than 6 Beauforts
- Areas of probability wind greater than 10 Beauforts
- Possible passing areas of TC center
- Past positions of TC
- Forecast positions of TC
- Past positions of TD
- Forecast positions of TD

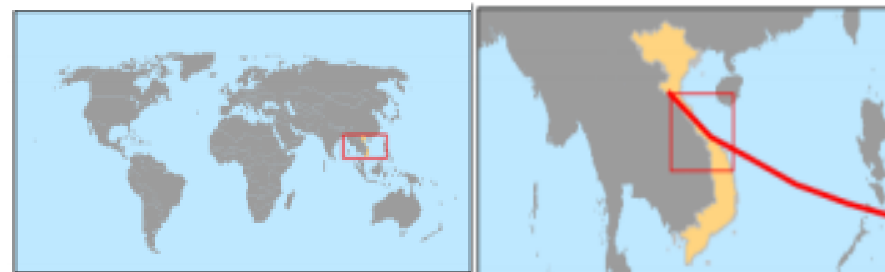
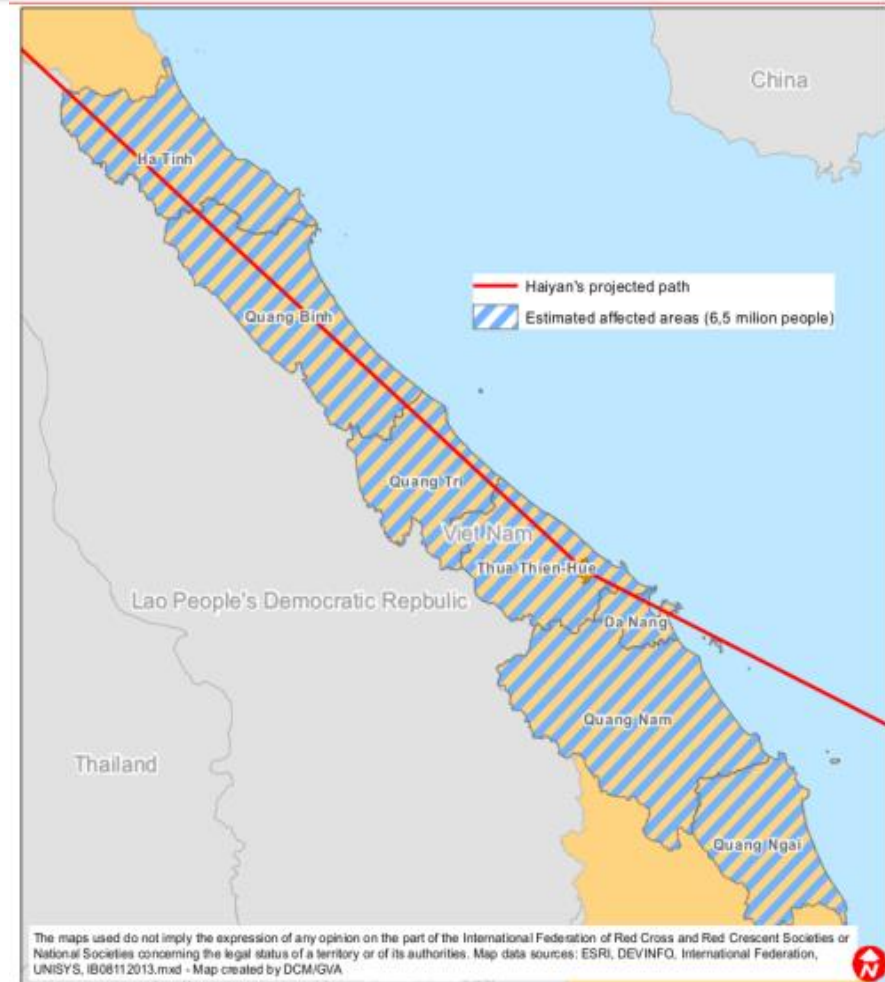
# CURRENT SITUATION

**WHERE:** VIETNAM

**WHEN:** CRISIS IS ONGOING

**SITUATION:** **SUPER TYPHOON HAIYAN**

- Super Typhoon Haiyan has made landfall this morning in the Philippines and is moving towards the East Sea of Viet Nam. The typhoon will be a Category 4 typhoon in the next 48 hours in the East Sea region.
- At around 7 am, on Sunday 10 November, the typhoon will approach the coast of central and south central provinces (T.T.Hue-Binh Dinh).
- It will most likely make landfall in the morning of 10 November and directly affect provinces of Quang Nam/Quang Ngai/Binh Dinh. The most affected region will be across Quang Binh to Phu Yen.
- On 10 November, the typhoon will shift and move up west and north-west as a Cat 1/2 typhoon and will be likely to develop back as a tropical storm in the morning of 11 November. Strong whirlwind and rainfall will be likely to occur in central-north and north of Viet Nam
- Quang Nam province was to have evacuated more than 216,000 people by 5 p.m. 9 NOV 2013, according to a statement posted on the government's website. Danang City was to evacuate 73,000 people by 7 p.m. Thua Thien-Hue province will evacuate 113,000 people.



[INFO BULLETIN #1 – IFRC – 8 NOV 2013](#)  
[BLOOMBERG](#)

# WEATHER OUTLOOK



## TODAY

Typhoon will bring damaging winds and torrential rainfall; watch for flooding

## TONIGHT

Typhoon will move away, winds will diminish, and rain will taper to showers; watch for flooding



# HYDROLOGICAL BULLETIN

## DAILY HYDROLOGICAL BULLETIN FOR RIVERS IN THE CENTRAL HIGHLAND AND SOUTHERN VIETNAM

Ha Noi, Saturday, November 09, 2013

Units : cm

RIVER	STATION	Warning Water Level			Observed water level		Forecasted Water level	
		I	II	III	19h-8/11	7h-9/11	19h-9/11	7h-10/11
Bo	Phú Ốc	150	300	450	181	382	250	400
Thach Han	Thach Han	250	400	550	331	206		
Huong	Kim Long	100	200	350	183	169	150	250
Vu Gia	Ai Nghia	650	800	900	728	733	690	840
Thu Bon	Cau Lau	200	300	400	164	116	100	220
Tra Khuc	Tra Khuc	350	500	650	400	342	310	520
Ve	Song Ve	250	350	450		243		
Con	Thanh Hoa	600	700	800	655	635	630	670
Ba	Cung Son	2950	3200	3450	3220	3091		
Ba	Phu Lam	170	270	370	260	242	200	210



Normal  
Warning water level I  
Warning water level II  
Warning water level III

# NATIONAL RESPONSE

Minister Dzung issued emergency communications on 7 November to alert the Ministries and the Provincial People's Committees from Thanh Hoa to Ca Mau to prepare for the typhoon. Specific guidance was given on evacuating ships and boats to safe zones/harbors; monitoring rainfall and flash flood risks and safety reservoirs in the provinces; organizing evacuation in high risk coastal communities.

- **THE CENTRAL COMMITTEE FOR FLOOD AND STORM CONTROL (CCFSC)**

- CCFSC is meeting daily to update the track of the typhoon and send requests to neighboring countries-China, Malaysia, Indonesia and the Philippines-to assist Vietnamese fishermen in case they need to seek shelter due to the typhoon in an urgent manner.
- On 7 November CCFSC steering committee also issued several alerts to provincial CFSCs and ministries to provide more specific direction for the preparation of the response to the storm.
- On 8 November, 2 pm, the Central Committee for Flood and Storm Control met to provide response guidance in different sectors, including air flight schedules, ships and boats movement to safe zones, search and rescue and evacuation plans in all affected provinces.

- The government has sent alerts to 85,249 boats and ships, or 395,392 fishermen, in order to move to safer areas to avoid the impact of the typhoon.
- **MINISTRY OF FOREIGN AFFAIRS:** has been communicating with embassies of neighboring countries, such as China, Philippines, Indonesia, and Malaysia as well as the Vietnam embassies, to support and shelter Vietnamese boats and fishermen that may need help.
- **PROVINCIAL CITIES:** The Provincial cities of Thái Bình, Hà Tĩnh, Quang Tri, Thừa Thiên Huế, Đà Nẵng, Quang Nam, Quang Ngãi, Khánh Hòa, Phú Yên, Ninh Thuận, Bình Thuận, Hồ Chí Minh, Tiền Giang, Sóc Trăng, Bình Dương, Cần Thơ have reported their preparation measures to cope with the storm
- **LOCAL GOVERNMENTS AND AGENCIES FOR IRRIGATION** are checking the status of all dams in the provinces which would be affected by the typhoon to develop a coping plan in case of heavy rains, including the capital Hanoi

# RED CROSS AND RED CRESCENT ACTION

- Red Cross chapter leaders have been ordered to be on standby in the following areas:
  - Thanh Hoa
  - Nghe An
  - Ha Tinh
  - Quang Binh
  - Quang Tri
  - Thua Thien-Hue
  - Da Nang
  - Quang Nam
  - Quang Ngai
- Provincial disaster response teams (PDRTs) to assist in evacuation of affected families and be ready for immediate assessment following the “super typhoon.”
- A total of 5,000 household kits are available in warehouse for emergency distribution, along with two rubber warehouses of 100 square meters each
- VNRC headquarters has also sent reporters from the Humanitarian Magazine, Humanitarian Newspapers to the field on Saturday, 9 November for immediate updates



**Typhoon track forecast by Hong Kong Observatory, as of 17:00 Hong Kong time, 8 November, 2013.**

**Source: Vietnam Meteorological Forecast Center**

- IFRC has decided to deploy regional communication personnel to provide support in communication activities.



# NGO SUPPORT

[CARE](#) partners have evacuated families to take shelter in safe buildings and are on the ground assessing community needs. They are monitoring the path of the typhoon closely and preparing for potential impact, and keeping in close contact with the government of Vietnam.

[Church World Service](#) staff are preparing for impact and an immediate needs assessment once the storm has safely passed.

[AmeriCares](#) has pre-positioned emergency medicines and supplies ready to help families displaced by the storm. A new emergency shipment is underway with enough medical aid for 20,000 survivors, including antibiotics, wound care supplies and pain relievers.

[ChildFund International](#) has emergency response teams prepositioning supplies, including emergency kits and tents, and made arrangements with local suppliers to access food and non-food relief supplies. They are also preparing for the setup of Child Centered Spaces in the storm's aftermath so that children will have a safe haven.



# POINTS OF CONTACT

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