

Forecast based early action triggered in Bangladesh for Cyclone Amphan

EAP2018BD01

20,000 people to be assisted

134,317 budget in CHF

General overview

The Bangladesh Red Crescent Society (BDRCS) has activated its Early Action Protocol (EAP) for Cyclone Amphan. The EAP trigger was met on 18 May 2020 using the Indian Meteorological Department's (IMD) and Bangladesh Meteorological Department's (BMD) Numerical Weather Product. The trigger was met once there was a forecast of a cyclone making landfall in Bangladesh with wind speeds greater than 125km/h. This forecast was combined with an exposure and vulnerability map to estimate the percentage of houses that could be at risk of destruction in each union. All unions with greater than 25 per cent of houses at risk of being totally damaged were placed on a "priority" list and ranked according to a vulnerability index. The EAP is implemented in as many unions as possible, starting with the most vulnerable on the priority list and proceeding down in order of vulnerability (see Table 1). Most areas in Shatkhira, Khulna, Bagerhat, Potuakhali, Pirojpur, Borguna, Bhola, Noakhali, and Lakshmipur districts are expected to experience house damage to more than 25 per cent of total houses.

Table 1: Cyclone Amphan risk map calculation

District	Union	Impact (%)
Satkhira	Kaikhali	28
Satkhira	Munshiganj	28
Khulna	Uttar Bedkashi	27
Khulna	Koyra	26
Barguna	Naltona	27
Barguna	Nishanbaria	28
Patuakhali	Lata Chapli	25
Patuakhali	Baliatali	27
Pirojpur	Amragachhia	27
Pirojpur	Sapleza	27
Bagrehat	Dhansagar	25
Bagrehat	Dakhin Khali	25
Bhola	Adhakha Nazrul Nagar	25
Bhola	Char Manika	25
Noakhali	Char Wapda	25
Noakhali	Char Jubille	25
Lakshmipur	Char Gazi	25
Lakshmipur	Bara Kheri	25

BDRCS will target 40 cyclone shelters in 18 unions in 9 districts which have more than 25 per cent of houses damaged. BDRCS will provide, with the support of volunteers from the Cyclone Preparedness Programme (CPP):

- 1) Support for evacuation of people, livestock, moveable assets (through vehicles);
- 2) Food and water in the cyclone shelters;
- 3) basic first aid service at the cyclone shelters for injuries and sickness.

To ensure the safety of the targeted population, BDRCS staff and volunteers, and CPP volunteers in the context of COVID-19, the following measures are being put in place, in accordance with Government advice:

- Personal Protective Equipment (PPE) is being distributed to BDRCS volunteers and staff, CPP volunteers, and to the targeted population.
- Overall capacity of cyclone shelters is augmented by making alternative spaces, such as schools and government building, available as cyclone shelters to allow for social distancing within the cyclone shelters.
- Hygiene items for hand sanitation are being provided at the cyclone shelters.
- COVID-19 risk communication and health promotion for the targeted population.
- Cleaning and disinfection of cyclone shelters.

The early action will be completed on 22 May 2020.

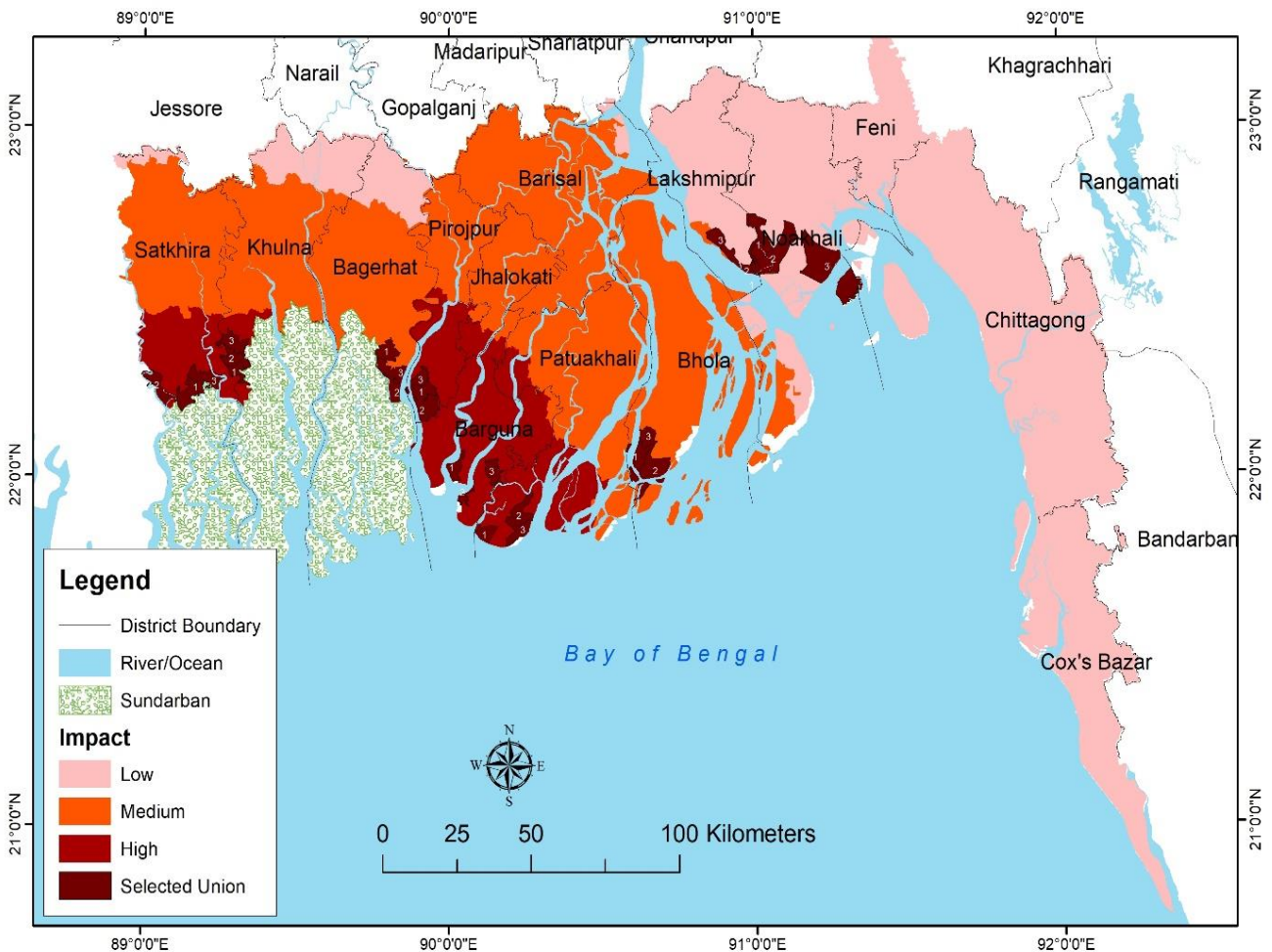


Figure 1: Cyclone Amphan impact map, 18 May 2020

Sectors of intervention



Livelihoods and basic needs

Actions:

- Provision of biscuits and dry food for people in cyclone shelters.
- Lighting in the cyclone shelters.
- Provision of transportation facilities to evacuate people and livestock.



Health

Actions

- Distribution of ORS to people who took shelter at Cyclone Shelter
- Provide first aid support to people who took shelter at Cyclone Shelter



Water, sanitation and hygiene

Actions

- Distribution of drinking water
- Provision of personal protective equipment and hygiene items

Reference documents

For a more comprehensive description of activities see the [Cyclone Early Action Protocol summary](#).

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