

Forecast based Action by the DREF

Forecast based early action triggered in: Bangladesh for Floods

EAP2019BD02

3,300 people to be assisted

234,803 budget in CHF

General overview

The Bangladesh Red Crescent Society (BDRCS) has activated its Early Action Protocol for the 2020 floods. The EAP pre-activation was triggered when the Global Flood Awareness System (GloFAS) issued a flood forecast of 50 per cent or more probability of a once in a ten-year flood projection and thereafter remaining above that threshold for three days. The GLOFAS forecast on 24 June shows that on 2 July the water level at the Bahadurabaad station will cross a once in ten years return period (115 000 m³/s) and remain consistent for three days. This corresponds to an impact forecast of 3.7 million people or and about 1 million households to be affected. This forecasted flood depth was then combined with a vulnerability map to estimate the percent of houses that could be at risk of getting impacted in each union. All unions with more than 25 per cent of houses at risk were placed on a “priority” list and the top-ranking unions were selected for early actions. As shown in the table below, the EAP will be implemented in 9 unions of Kurigram, Gaibandha and Jamalpur districts.

Table 1: Flood risk map calculation

District	Thana	Union	Impact (%)
Kurigram	Chilmari	Chilmari	0.80
Kurigram	Chilmari	Nayerhat	0.80
Kurigram	Char Rajibpur	Kodaikati	0.80
Gaibandha	Sundarganj	Kapasia	0.70
Gaibandha	Gaibandha Sadar	Mollar Char	0.67
Gaibandha	Fulchari	Erendabari	0.43
Jamalpur	Dewanganj	Chukaibari	0.47
Jamalpur	Islampur	Kulkandi	0.42
Jamalpur	Dewanganj	Jamalpur Pouroshova (Ward No 2)	0.47

BDRCS will target 3,300 households in 9 unions in 3 districts (3 unions in each district) which have more than 25 per cent of houses damaged. BDRCS will provide:

- (i) Support for boat evacuation of people, livestock, moveable assets;
- (ii) Unconditional cash grant of BDT 4,500;
- (iii) Basic first aid service for injuries and sickness.

This pre-activation trigger will kick-start the beneficiary selection for cash transfers. The decision on whether or not to proceed with the cash transfer will be based on the activation trigger, which is a deterministic flood forecast from Flood Forecasting and Warning Centre (FFWC). The World Food Programme (WFP) activated its early action process based on the same trigger and will distribute unconditional cash grants in Kurigram.

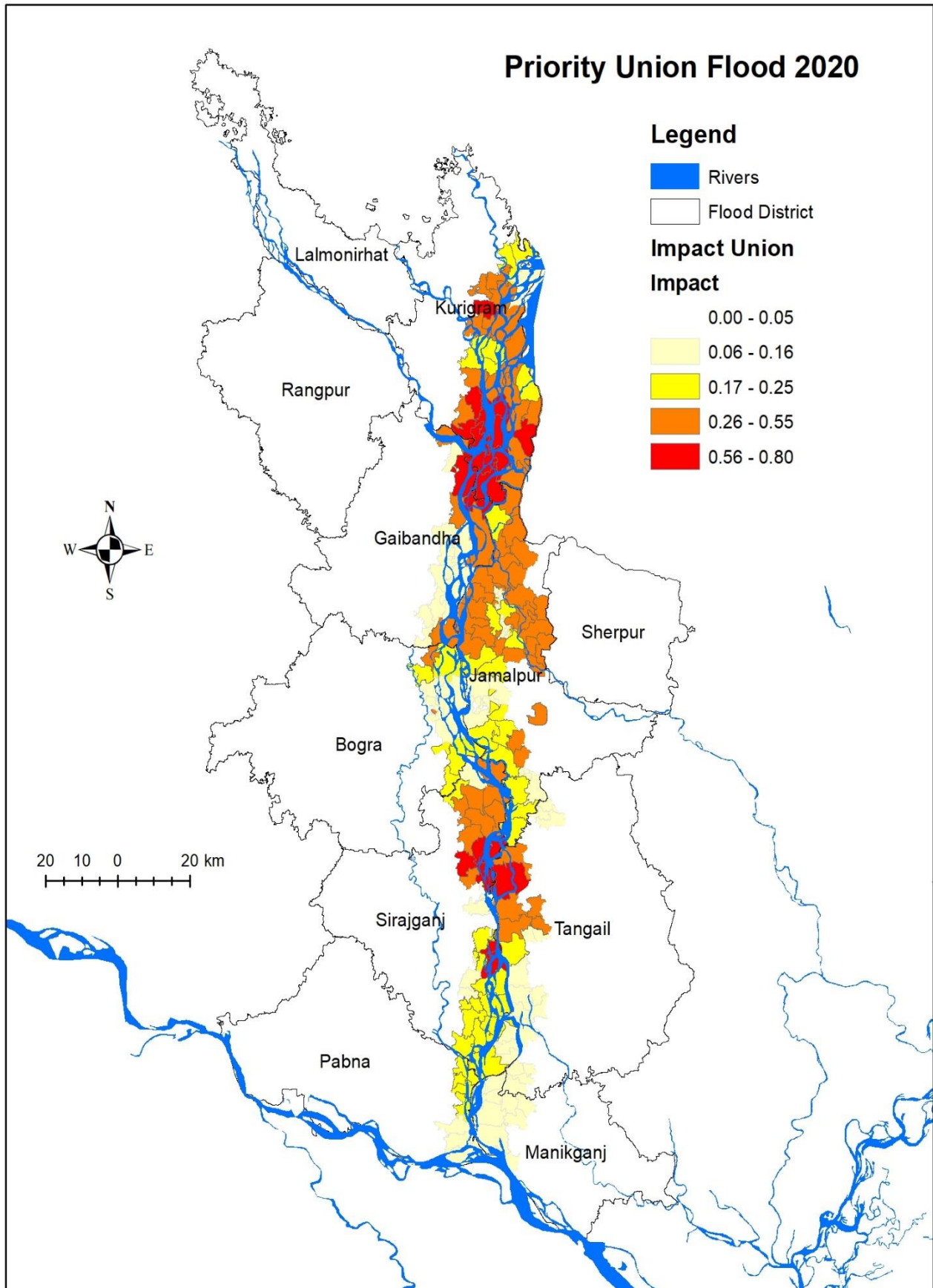


Figure 1: Flood Impact map, 25 June 2020

Sectors of intervention



Livelihoods and basic needs

Actions:

- Distribution of cash - MPCG BDT 4,500 BDT for each household



Health

Actions

- Provision of basic First Aid



Disaster Risk Reduction

Actions

- Evacuation transportation with local boats for people with their movable assets and livestock to nearby shelter of safe place

Reference documents

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

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