

# Forecast based early action triggered in:

## Mali Floods

EAP2020ML01

**Target: 1,000 Household to be assisted**

**Budget: CHF 209,532**

### General overview

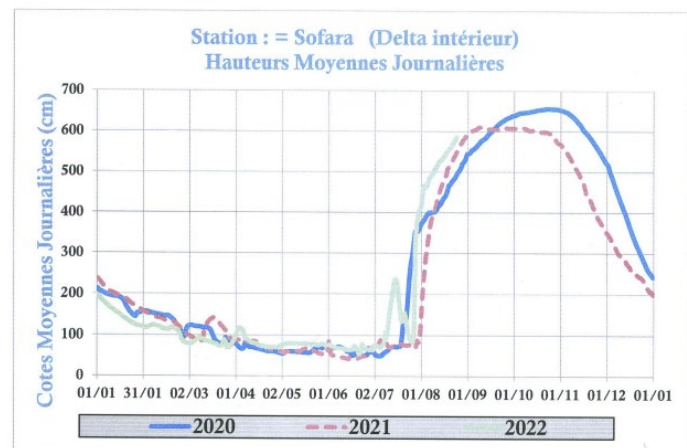
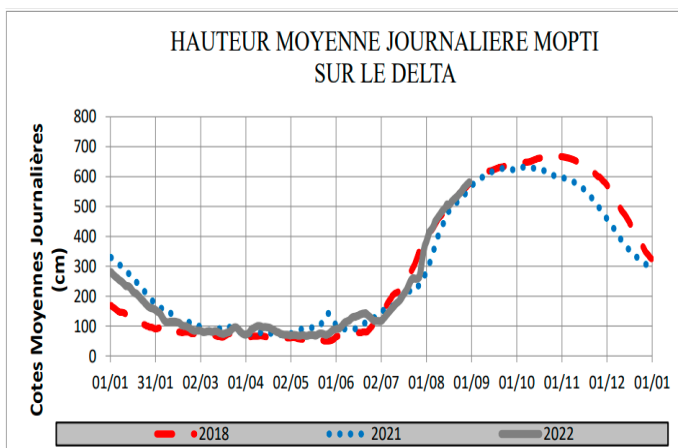
Mali is a highly flood prone country, with floods the most devastating natural hazard in the country responsible for many deaths, loss of livelihood and livestock every year. According to data from the General Directorate for Civil Protection (*Direction General de la Protection Civile – DGPC*), within the period 1989-2019 the impact of floods increased around 90%, 80% and 98% respectively in terms of the number of deaths, missing and injured people, number of houses destroyed and damaged, and crops and livestock lost.

The hydrological situation of the rainy season in 2022 is characterized by the continued rise of water levels on all parts of the river basin except for Banankoro on the Niger River where the level is stationary.



As of September 1, 2022, the water levels observed are higher than last year on the Sankarani in Sélingué-amont, on the Baoulé in Bougouni, on the Bani in Douana and Sofara, on the Bani/Niger confluence in Mopti and the level is similar to that of 2021 on the Niger River in Bamako. On the other hand, the water levels observed are lower than last year on the Niger at Banankoro, Koulikoro, on the Banifing at Kouoro and the Bagoé at Pankourou. The filling of the Sélingué reservoir continues.

In addition, the levels are lower than those of 2018 on all the rivers in Sélingué-amont on the Sankarani, from Bani to Sofara and the Bani/Niger confluence in Mopti.



At Sofara the river level has exceeded the orange alert level (633 cm) and as a result, the Mali Red Cross activates its Early Action Protocol (EAP) to carry out anticipatory actions before flooding.

The sharp rise in the water level observed in the upper Bani (Bagoè and Baoulé) could lead to flooding on the middle Bani in the circle of Djénné in the coming weeks if this trend continues.

The DNH was alarmed by its local observer at Sofara of the impact of the opening of the valves of the threshold of Djénné which caused the rise of the water level downstream of the structure. Consequently, the local populations are asked to take appropriate measures to avoid any inconvenience.

The trigger model adopted of this Early Action Protocol (EAP) is based on river levels that is being monitored by the National Directorate of Hydraulics (DNH) at the 26 measuring stations across the country. The EAP is therefore activated once the downstream water level exceeds the 5-year return period, calculated considering the relationship between the maximum daily water levels between upstream and downstream (during the period August-September), and the number of times the flooding has occurred downstream when the ratings of the return period of 5 years are exceeded upstream.

The condition of the activation has been fulfilled, the Mali Red Cross is activating the EAP, and will implement the early action activities outlined below. The entire intervention will be focused on shelter, water, sanitation and hygiene and Disaster Risk Reduction and will be delivered within the lead time of 96 hours (4 days).

## Sectors of intervention

### Shelter



#### Actions

- Distribution of shelter kits to evacuated households

### Water, sanitation, and hygiene



#### Actions

- Distribution of WASH items

### Disaster Risk Reduction



#### Actions

- Activation of the National Crisis Committee
- Activation of the Regional Crisis Committee
- Distribution d'articles ménagers = Location de véhicules et essence
- Mobilisation of volunteers
- Headquarters field team – communication
- Public awareness (radio messages)
- Household evacuation
- Assessment mission
- Lessons learned workshop
- Video report on early action implementation

Reference documents

Pour une description plus complète des activités, voir le résumé du Protocole d'action rapide.

[\[Insérer un lien vers le résumé du PAE à partir de la page Web des appels\]](#)

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