



## Impact bulletin for extreme precipitation and floods in the Volta basin

#2026-032

Estimated number of people potentially affected by extreme precipitation and river floods

Valid from 21/08/2026 to 25/08/2026

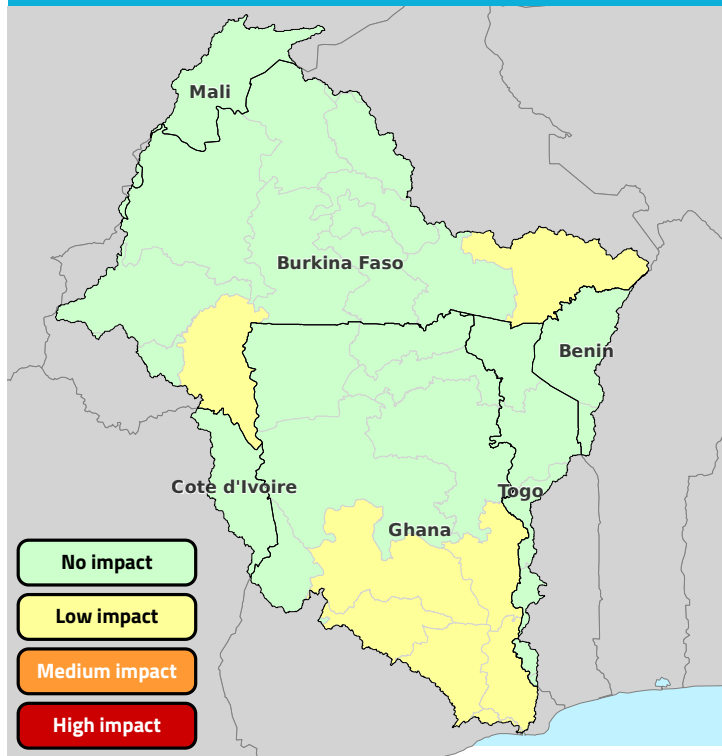
### Impact from Extreme precipitation



### Impact from River Floods



### Combined assessment of precipitation and floods



### VBA outlook

The combined assessment of the forecasts of the impacts of heavy rains and floods in the Volta Basin shows a low impact in the regions of Ashanti (Mampong, Bechem, Agogo and Ejisu), Bono East (Chira and Tapa), Eastern (Osino, Bonsu and Begoro), Eastern (Osino, Bonsu and Begoro), Eastern (Osino, Bonsu and Begoro), Eastern (Osino, Bonsu and Begoro), Greater Accra, and Begoro), Greater Accra, Oti (Dambai, Nkwanta and Kete Krachi), and Ghana of the national portion over the next five days.

In addition, a low impact is expected in the Djôrô, Goulmou and Tapoa regions in the Burkinabe national portion, during the same period.

People are invited to be vigilant in the face of rising waters in the Volta basin.

Impact-based forecasts are derived from automated analysis.



## Detailed outlook on extreme precipitation for the next 5 days

#2026-032

Valid from 21/08/2026 to 25/08/2026

### Impact from Extreme precipitation

#### Low impact

Ghana (Ashanti, Bono East, Eastern, Greater Accra, Oti, Volta)



#### Agence Nationale de la Météorologie (METEO-BENIN)

Light to moderate rains are expected in the Beninese portion of the Volta basin over the next five days. This amount of rain will not have an impact on the population.



#### Agence Nationale de la Météorologie (ANAM)

Impact-based forecasts are derived from automated analysis.



#### Société d'Exploitation et de Développement Aéroportuaire, Aéronautique et Météorologique (SODEXAM)

Impact-based forecasts are derived from automated analysis.



#### Ghana Meteorological Agency (GMET)

Over the next five days, moderate rainfall is expected across most parts of the Ghana portion of the Volta basin, particularly in regions such as Ashanti Region (Mampong, Bechem, Agogo and Ejisu), Bono (Chira and Tapa), Oti (Dambai, Nkwanta and Kete Krachi), and Eastern (Osino, Bonsu and Begoro) with rainfall accumulation projected to range between 30 – 50mm with low impact. The remaining areas in the basin are expected to record low rainfall (below 20mm) associated with no impact.



#### Agence Nationale de la Météorologie (MALI-METEO)

Impact-based forecasts are derived from automated analysis.



#### Agence Nationale de la Météorologie (ANAMET)

The next five days will be marked by light to moderate rains in the Togolese portion of the Volta basin. The daily accumulation of precipitation will not have an impact on the population.



## Detailed outlook on river floods for the next 5 days

#2026-032

Valid from 21/08/2026 to 25/08/2026

### Impact from River Floods

Low impact

Burkina Faso (Est, Sud-Ouest)



Direction Générale de l'Eau (DG Eau)

Impact-based forecast are derived from automated analysis.



Direction Générale des Ressources en Eau (DGRE)

Hydrological forecasts from the Floodproofs-Burkina Faso, West-AfricaHype and Glofast model for the next five days in the Volta basin in Burkina Faso reveal a downward trend in river flows. Simulated hydrograms indicate generally low flows in almost all regions. However, the regions of **Tapoa**, **Goulmou** and **Djôrô** are expected to have a low to medium impact. This situation could cause some rivers in the Nakanbé and Mouhouns to overflow and cause flooding, thereby disrupting critical infrastructure, including roads and bridges



Direction de l'Hydrologie (DH)

Impact-based forecast are derived from automated analysis.



Ghana Hydrological Authority (HYDRO)

Impact-based forecast are derived from automated analysis.



Direction Nationale de l'Hydraulique (DNH)

Impact-based forecast are derived from automated analysis.



Direction des Ressources en Eau (DRE)

The water levels of the rivers (Oti and Koumongou) will increase in the next 05 days according to the **FANFAR/PHARES** model, and with the low rains that are forecast, there will be a situation with low impacts in the savannas and Kara region. **Average impacts** are expected in the Togolese part of the Volta Basin. However, vigilance is required





## Methodological note on impact evaluation

Regions are color-coded into four impact classes based on increasing rates of population affected, from level 1 (no impact, green) to level 4 (high impact, red).

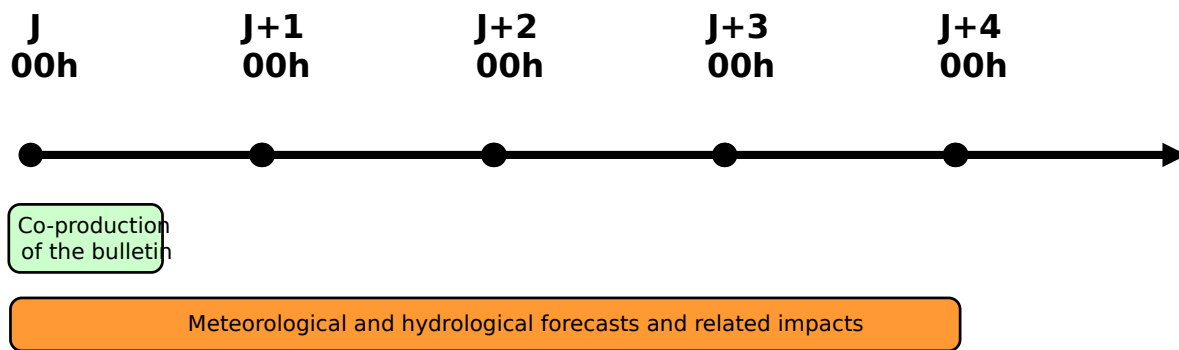
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

The multi-hazard assessment map shows the highest level of impact between the hazards considered according to the hydro-meteorological conditions forecast for the next 5 days.

| Impact Level          | Value Impact                        |
|-----------------------|-------------------------------------|
| Green: No Impact      | 0 people                            |
| Yellow: Low Impact    | < 0.5% admin unit pop               |
| Orange: Medium Impact | < 5% admin unit pop or > 10k people |
| Red: High Impact      | > 5% admin unit pop or > 50k people |

## Procedure and acknowledgments

The bulletin is issued twice a week, Tuesday and Friday, at 1:30 p.m. GMT thanks to the co-production work between the meteorological and hydrological agencies of the 6 riparian countries and the Volta Basin Authority (VBA). It provides a level 1 administrative unit scale overview of the population impact forecast for the next 5 days related to forecasted heavy rain and riverine flooding conditions.



Contact to: [secretariat.abv@gmail.com](mailto:secretariat.abv@gmail.com)

This bulletin for the Volta basin is produced by the VBA with the technical and scientific assistance of the agencies in charge of meteorology and hydrology of the 6 riparian countries (Benin: DG-Eau, Météo Bénin; Burkina Faso: DGRE, ANAM; Cote d'Ivoire: DH, SODEXAM; Ghana: GHA, GMet; Mali: DNH, Mali Météo; Togo: DRE, DGMN), WMO, GWP-WA, CIMA Foundation with the support of the Adaptation Fund.

