



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

#2026-002

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

Valid from 08/05/2026 to 12/05/2026

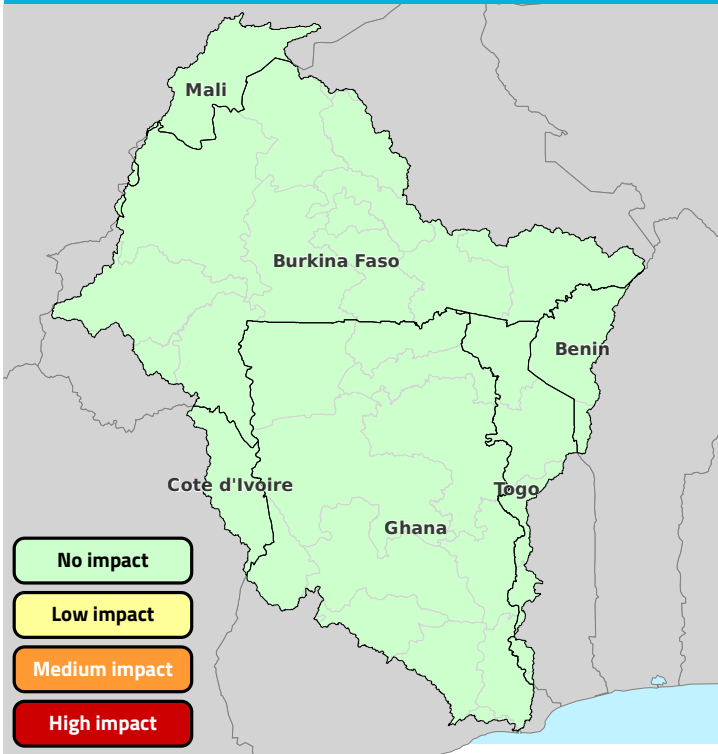
## Impact from Extreme precipitation



## 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 indicate no significant impact during the period from 8 to 12 May 2026.

Impact-based forecasts are derived from automated analysis.




# Detailed outlook on extreme precipitation for the next 5 days


#2026-002


Valid from 08/05/2026 to 12/05/2026


## Impact from Extreme precipitation


None


 **Agence Nationale de la Météorologie (METEO-BENIN)**  
 Impact-based forecast are derived from automated analysis.

 **Agence Nationale de la Météorologie (ANAM)**  
 During the period from 08 to 12 May, the risk of heavy rains in the Burkina portion of the Volta basin remains very low. However, thunderstorms accompanied by isolated rains could be observed in some locations in the southern and western parts of the portion. Cumulative rainfall over five days is expected to remain below 25 mm in the areas concerned

 **Société d'Exploitation et de Développement Aéroportuaire, Aéronautique et Météorologique (SODEXAM)**  
 Rain forecasts for the next five days indicate low rainfall, less than 10 mm, on 9 and 10 May in the Bounkani and Gontougo regions. From 11 to 12 May, moderate rains, between 15 and 30 mm, are expected in Bounkani, especially in Bouna and the surrounding villages, with no significant impact expected on the populations of the Ivorian portion of the Volta basin

 **Ghana Meteorological Agency (GMET)**  
 Generally low rainfall is expected across most parts of the Ghanaian section of the Volta Basin over the next five days. Rainfall totals are projected to remain below 10 mm in most areas, particularly across the southern parts of the basin. However, slightly moderate rainfall amounts of about 20 mm are anticipated in parts of the Upper West Region (Wechau), Savannah Region (Saru), Northern Region (Kpatinga), and surrounding areas. No significant impacts are expected during the forecast period.

 **Agence Nationale de la Météorologie (MALI-METEO)**  
 Impact-based forecast are derived from automated analysis.

 **Agence Nationale de la Météorologie (ANAMET)**  
 Impact-based forecast are derived from automated analysis.



# Detailed outlook on river floods for the next 5 days

#2026-002

Valid from 08/05/2026 to 12/05/2026

## Impact from River Floods

None



**Direction Générale de l'Eau (DG Eau)**

Impact-based forecast are derived from automated analysis.



**Direction Générale des Ressources en Eau (DGRE)**

The combined hydrological forecasts of the **Continuum**, **MGB** and **Hype** models for the next five days in the Volta basin in Burkina Faso show that water levels are maintained at relatively low values. As a result, the risks of flooding remain very low throughout the basin.



**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)**

Impact-based forecast are derived from automated analysis.



## 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).

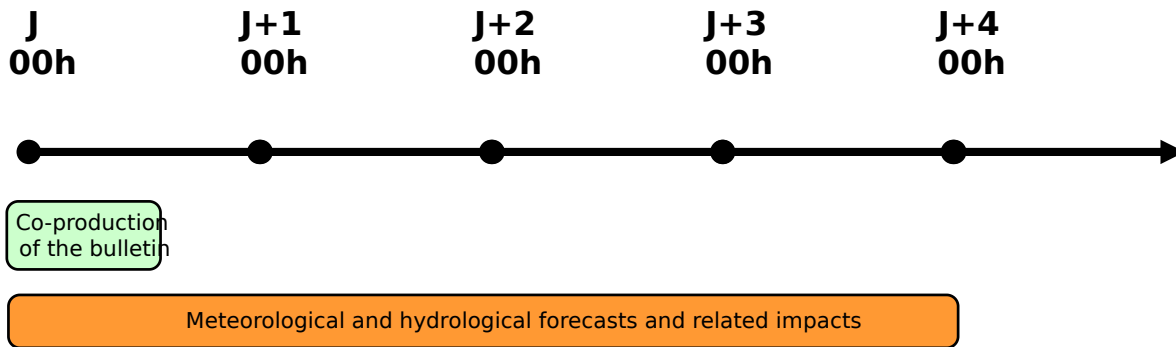
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.



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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.

