



Impact bulletin for extreme precipitation and floods in the Volta basin

#2026-024

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

Valid from 24/07/2026 to 28/07/2026

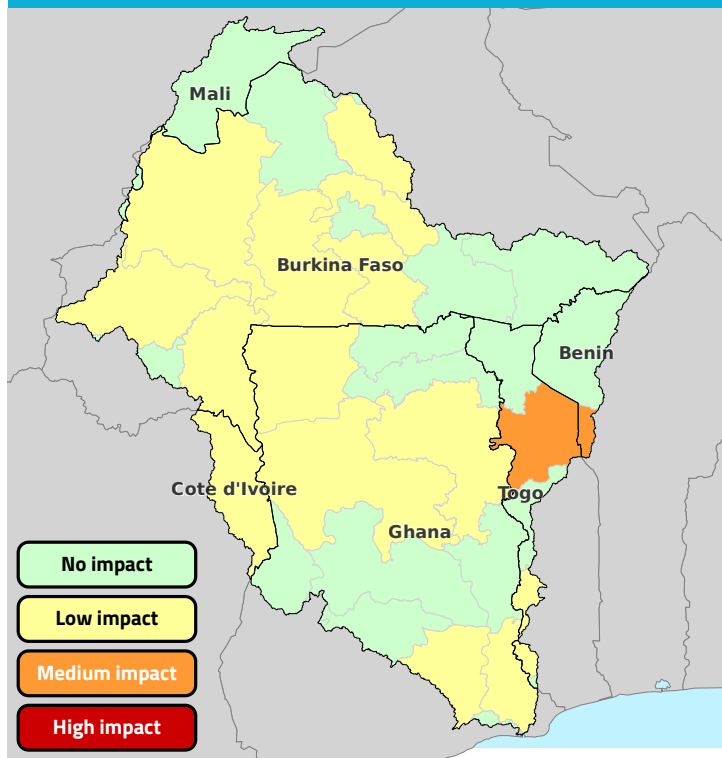
Impact from Extreme precipitation



Impact from River Floods



Combined assessment of precipitation and floods



VBA outlook

Forecasts of the impacts of heavy rains in the Volta basin show an average impact in the Donga regions of the Beninese national portion and Karade of the Togolese national portion during the next five days.

Moreover, a low impact could be observed in the Plateaux region, of the Togolese national portion and in the Eastern (Somanya), Northern (Yendi), Savannah (bamboi), Upper West (Wa), Upper West (Wa), Volta (Wa), Volta (Kpando) regions, of the Ghanaian national portion.

A low impact is also expected in the Zanzan region, the Ivorian national portion as well as in the Bankui, Sourou, Guiriko, Djôrô, Nando, Nazinon, Oubri, and Kuilsé regions of the Burkinabe national portion, during the same period. This situation could cause some waterways to overflow on the section located downstream of the Boromo station in Burkina

Faso.
Impact-based forecasts are derived from automated analysis.



Detailed outlook on extreme precipitation for the next 5 days

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Impact from Extreme precipitation

Medium impact

Togo (Kara), Benin (Donga)

Low impact

Burkina Faso (Boucle du Mouhoun, Centre-Nord, Centre-Ouest, Centre-Sud, Hauts-Bassins, Plateau Central, Sud-Ouest), Cote d'Ivoire (Zanzan), Togo (Plateaux), Ghana (Eastern, Northern, Savannah, Upper West, Volta)



Agence Nationale de la Météorologie (METEO-BENIN)

Impact-based forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAM)

Impact-based forecast are derived from automated analysis.



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

Impact-based forecast 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 Upper West (Wa), Northern (Yendi), Volta (Kpando), Savannah (Bamboi) and Eastern (Somanya) with rainfall accumulation projected to range between 20 – 30mm 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 forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAMET)

During the next five days, light to moderate rains are expected on the Togolese portion of the Volta basin. Daily rainfall totals will have a low to medium impact on the population.



Detailed outlook on river floods for the next 5 days

#2026-024

Valid from 24/07/2026 to 28/07/2026

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)

Hydrological forecasts from Continuum (FloodProofs), HYPE-WRF and GLOFAS models for the next five days in the Volta basin in Burkina Faso highlight an evolution of river flows. **Simulated hydrograms indicate generally weak flows in the regions of Nando, Kuilse, Kuilse, Nazinon, Nakanbé, Djôrô, Guiriko, Sourou, and Bankui.** This configuration could cause some watercourses to overflow on the section located downstream of the Boromo station, but should not lead to floods or disturb essential infrastructure (roads, bridges). However, vigilance is required, as rapid floods or occasional overflows could amplify socio-economic impacts on the

populations concerned.



Direction de l'Hydrologie (DH)

Impact-based forecast are derived from automated analysis.



Ghana Hydrological Authority (HYDRO)

There shall be no impact from inundation within the Volta Basin in the country for the next five (5) days. The Volta Basin is expected to experience moderate flows, with marginal rises sustained throughout the forecast period. These marginal rises are not expected to result in inundation of areas surrounding the basin. In the Lower Volta, a sharp rise in flow is anticipated at Zoukpe; however, this is likewise not expected to result in inundation within the forecast period.



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).

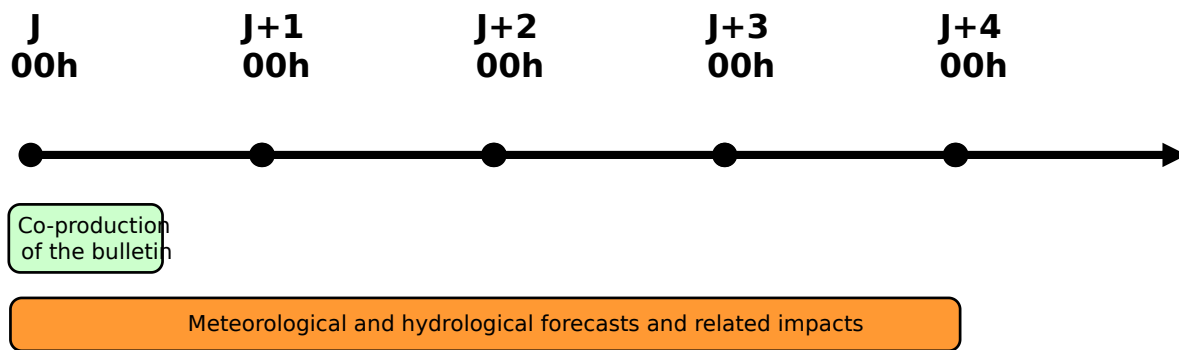
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.

