



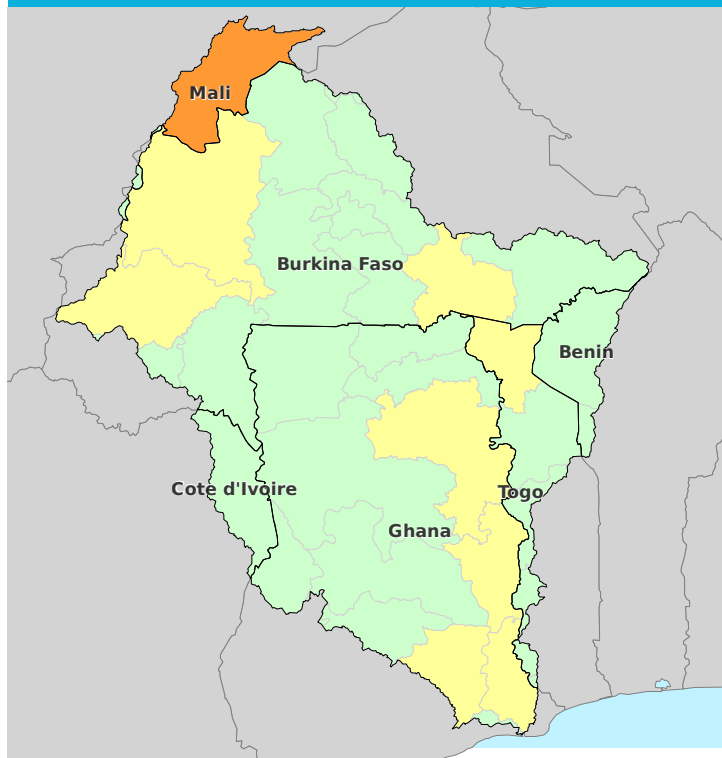
Impact bulletin for extreme precipitation and floods in the Volta basin

#2025-040

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

Valid from 19/09/2025 to 23/09/2025

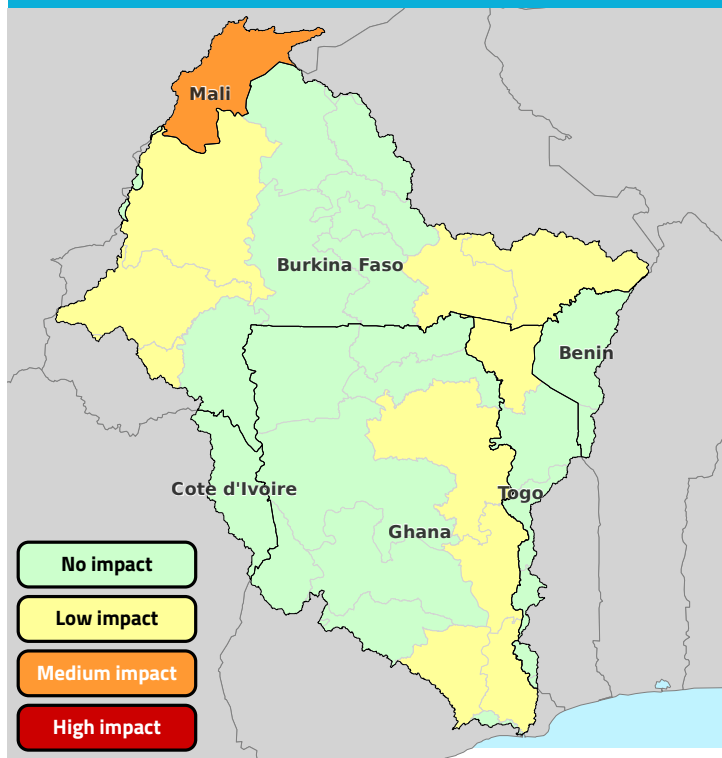
Impact from Extreme precipitation



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 indicates a low impact in the Sourou, Bankui, Guiriko, Tannounyan and Tapoa regions of the Burkinabe national portion during the next five days.

A low impact is also expected in the Eastern (Akosombo, Begoro), Northern (Gushegu), Oti (Kpasa), and Volta (Kpando, Ho) regions in the Ghanaian national portion, as well as in the Savannah region in the national and Togolese portion of the Volta Basin.

Moreover, a medium impact could be observed in the Mopti region of the Malian national portion, during the same period.

Impact-based forecasts are derived from automated analysis.



Detailed outlook on extreme precipitation for the next 5 days

#2025-040

Valid from 19/09/2025 to 23/09/2025

Impact from Extreme precipitation

Medium impact

Mali (Mopti)

Low impact

Burkina Faso (Boucle du Mouhoun, Centre-Est, Hauts-Bassins), Togo (Savanes), Ghana (Eastern, Northern, Oti, 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)

The 5-day forecast for the Ghana portion of the Volta basin shows moderate rainfall (30–70mm) over areas such as Northern (Gushiegu), Oti (Kpasa), Volta (Kpando, Ho), Eastern (Akosombo, Begoro) with low impact anticipated. The remaining areas in the basin are expected to receive low rainfall (below 30mm) with no impact.



Agence Nationale de la Météorologie (MALI-METEO)

Impact-based forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAMET)

Light to moderate rains will be recorded over the next five days on the Togolese portion of the Volta Basin. These rain accumulations will be less than or equal to 20 mm. They will have only a slight impact on the population of the savannah region.





Detailed outlook on river floods for the next 5 days

#2025-040

Valid from 19/09/2025 to 23/09/2025

Impact from River Floods

Low impact

Burkina Faso (Boucle du Mouhoun, Cascades, Est, Hauts-Bassins)



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 forecast of Continuum, Glofast, and FANFAR models for the next five days in the Volta Basin in Burkina Faso indicates that no risk of flooding is expected in the basin; however, small effects could occur in the Bankui, Tapoa, Tannounyan, and Guiriko regions, however, small effects could occur in the Bankui, Tapoa, Tannounyan, and Guiriko regions depending on predicted rains. The populations of these areas are called upon to be vigilant and to follow the instructions of

the authorities.



Direction de l'Hydrologie (DH)

Impact-based forecast are derived from automated analysis.



Ghana Hydrological Authority (HYDRO)

The country shall experience no impact from inundation for the 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).

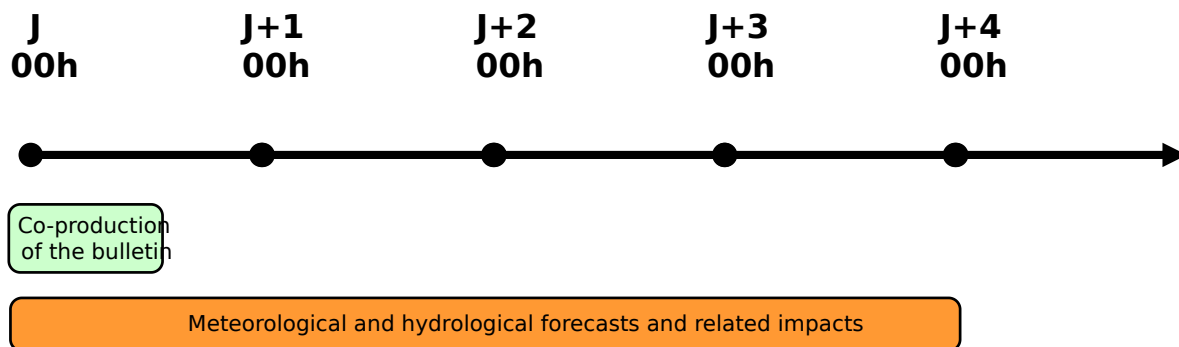
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.



Contact to: 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.

