



Impact bulletin for extreme precipitation and floods in the Volta basin

#2025-041

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

Valid from 23/09/2025 to 27/09/2025

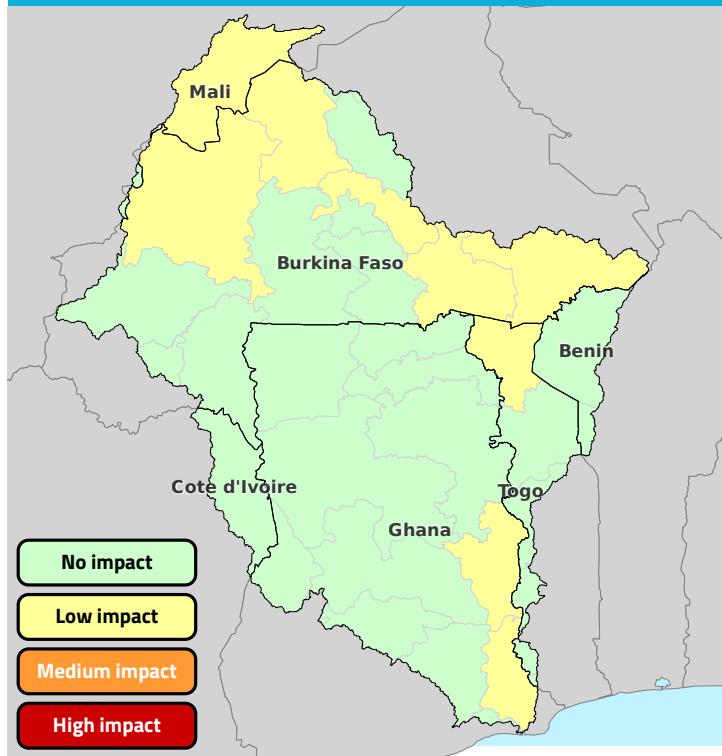
Impact from Extreme precipitation



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, Yaadga regions as well as in the regions of the eastern part of the Burkinabe national portion during the next five days.

A low impact is also expected in the Oti (Hohoe) and Volta (Ho) regions as well as in areas such as Kintampo, Mampong in the Ghanaian national portion.

In addition, a low impact is expected in the Mopti region, in the Malian national portion and in the Savanes region, in the Togolese national portion of the Volta Basin, during the same period.

Impact-based forecasts are derived from automated analysis.



Detailed outlook on extreme precipitation for the next 5 days

#2025-041

Valid from 23/09/2025 to 27/09/2025

Impact from Extreme precipitation

Low impact

Burkina Faso (Boucle du Mouhoun, Centre-Est, Nord, Plateau Central), Mali (Mopti), Ghana (Oti, Volta)



Agence Nationale de la Météorologie (METEO-BENIN)

Low to moderate rainfall is expected over the next five days in the Beninese portion of the Volta basin. this precipitation will be without impacts.



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 Ghana indicates moderate rainfall (30–50 mm) over parts of the Northern Region, particularly around Damongo, Bole, Tamale, Yendi, Bimbila and their environs . Areas around Kintampo, Mampong, and parts of the Oti Region (near Hohoe) and Volta Region (near Ho) are also expected to receive similar amounts with low impact anticipated. Low rainfall (below 20 mm) with no impact is expected to be received in the remaining parts in the basin.



Agence Nationale de la Météorologie (MALI-METEO)

Impact-based forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAMET)

Over the next 5 days, light rains will affect most of the Togolese portion of the Volta basin. These cumulative rainfall of less than 20 mm will not have an impact on the population of the area.





Detailed outlook on river floods for the next 5 days

#2025-041

Valid from 23/09/2025 to 27/09/2025

Impact from River Floods

Low impact

Burkina Faso (Est), Togo (Savanes)



Direction Générale de l'Eau (DG Eau)

Impact-based forecast are derived from automated analysis.



Direction Générale des Ressources en Eau (DGRE)

Impact-based forecast are derived from automated analysis.



Direction de l'Hydrologie (DH)

Impact-based forecast are derived from automated analysis.



Ghana Hydrological Authority (HYDRO)

There shall be no impact from inundation in the country for the next five (5) days. Water levels across the country especially along the Upper Volta are expected to recede within the period. Inundation of surrounding communities is therefore not expected.



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).

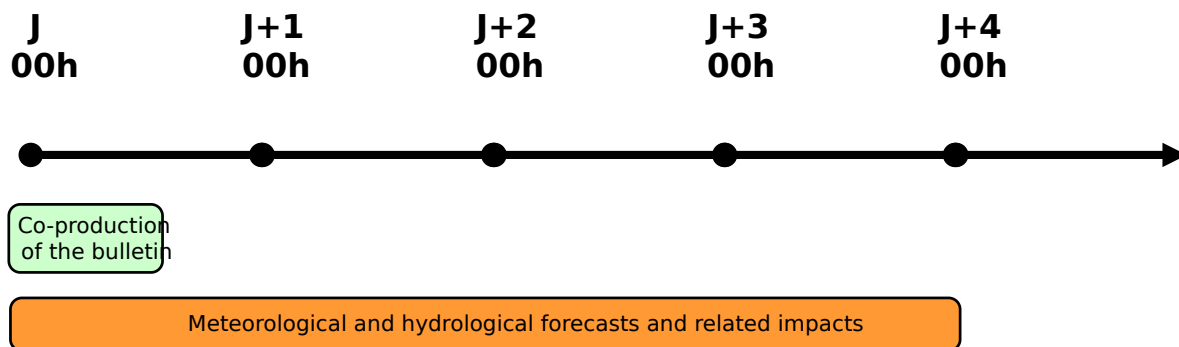
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.

