



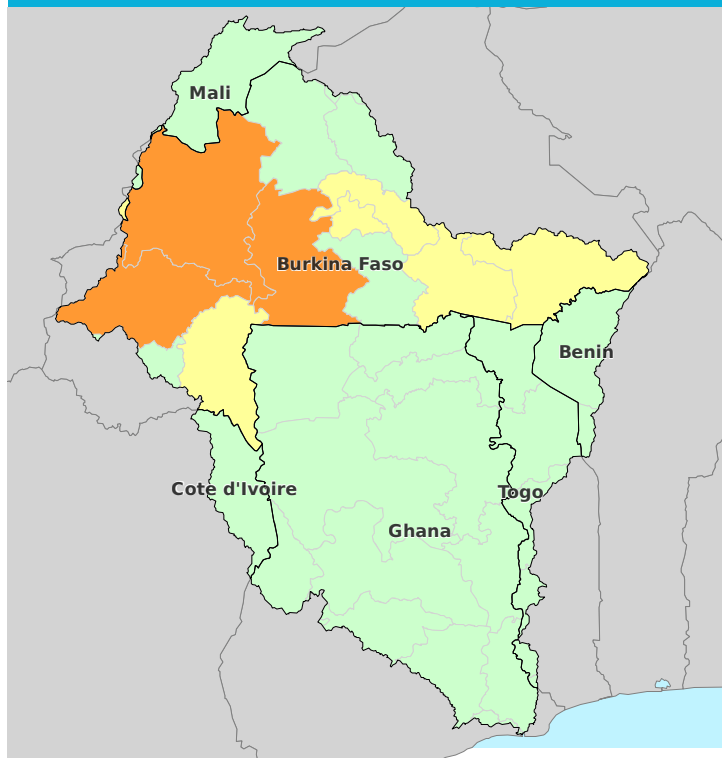
Impact bulletin for extreme precipitation and floods in the Volta basin

#2026-030

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

Valid from 14/08/2026 to 18/08/2026

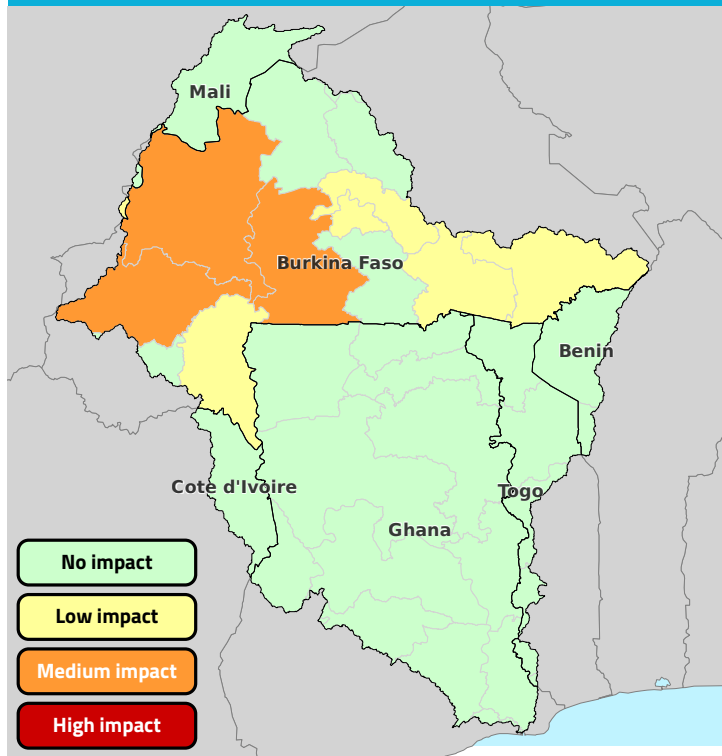
Impact from Extreme precipitation



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 Guiriko, Bankui, Sourou and Nando regions of the Burkinabe national portion, over the next five days.

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

People are invited to be vigilant face to rising water levels in the Volta basin.

Impact-based forecasts are derived from automated analysis.



Detailed outlook on extreme precipitation for the next 5 days

#2026-030

Valid from 14/08/2026 to 18/08/2026

Impact from Extreme precipitation

Medium impact

Burkina Faso (Boucle du Mouhoun, Centre-Ouest, Hauts-Bassins)

Low impact

Burkina Faso (Centre, Centre-Est, Est, Plateau Central, Sud-Ouest), Mali (Sikasso)



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)

Rain forecasts for the next five days indicate light rains, less than 12 mm, in the Gontougo and Bounkani regions. Except for the localities of Doropo, Danoa and Varbo, in the Bounkani region, which will experience moderate rains of between 18 and 25 mm on 17 August and which will have low impacts. The low rains forecast in these two regions will not have an impact on the populations of the Ivorian portion of the

Volta basin.



Ghana Meteorological Agency (GMET)

Rainfall within the Volta Basin in Ghana is expected to remain generally low over the next five days, with most locations recording between 0 and 15 mm and no impacts anticipated. However, specific areas such as Yendi, Zabzugu, Tatale and Saboba (Northern Region) may receive relatively higher totals, reaching up to about 30 mm.



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 are expected during the five days of precipitation in the Togolese portion of the Volta Basin. The accumulation of daily precipitation will not have an impact on the population.





Detailed outlook on river floods for the next 5 days

#2026-030

Valid from 14/08/2026 to 18/08/2026

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) and (West Africa Hype) models for the next five days in the Volta basin in Burkina Faso reveal a very contrasting dynamic of river flows. **Simulated hydrographs indicate overall high flows in the regions of Guiriko, Sourou, Bankui and Nando, where impacts are expected to be average. On the other hand, the regions of Kadiogo, Tapoa, Djorô, Goulmou, Nakanbé and Oubri are expected to have a low impact.** This situation could cause some waterways to overflow and cause flooding, disrupting critical infrastructure, including roads and

bridges.



Direction de l'Hydrologie (DH)

Impact-based forecast are derived from automated analysis.



Ghana Hydrological Authority (HYDRO)

The Volta Basin is expected to experience rising flows, particularly along the Red Volta at Nangodi and also on the White Volta at Yarugu and Pwalugu. This, coupled with the anticipated spillage of the Bagre Dam, is expected to cause inundation during the forecast period at communities around Bazua, Yarugu and areas of the Talensi and Nabdam Districts along the White Volta. Residents are advised to take the necessary precautionary measures.

Sharp rises in flows are also expected along the Black Volta at Chache, Noumbiel, Bui, Lawra and surrounding communities. Residents in these areas are similarly advised to remain vigilant and take the necessary precautions.



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).

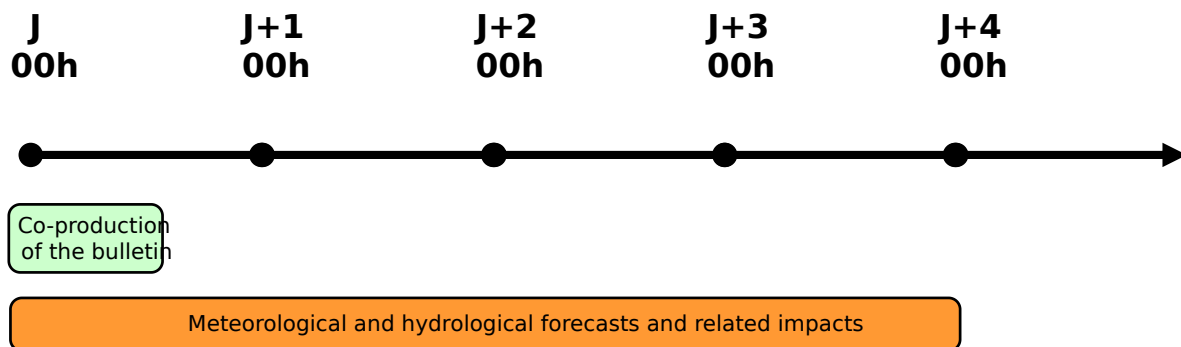
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.

