



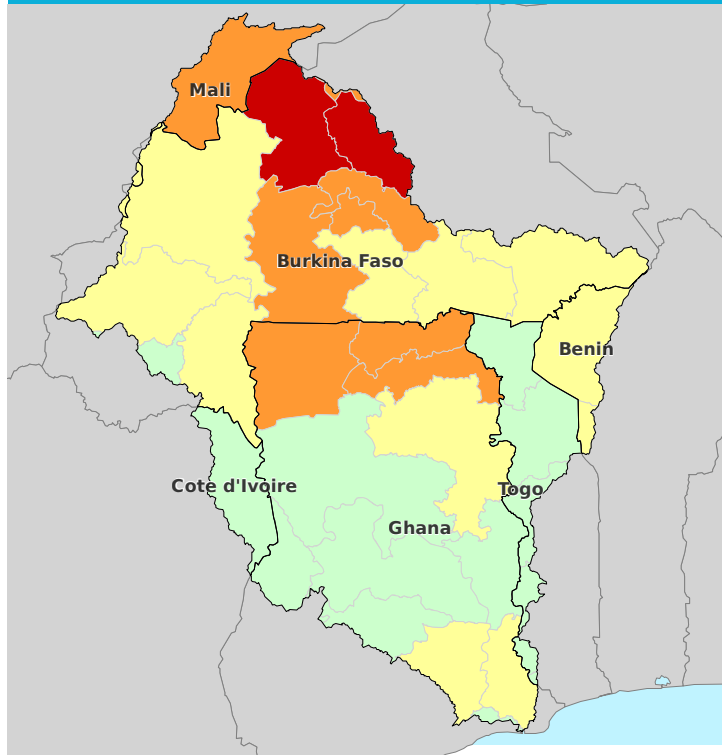
Impact bulletin for extreme precipitation and floods in the Volta basin

#2026-029

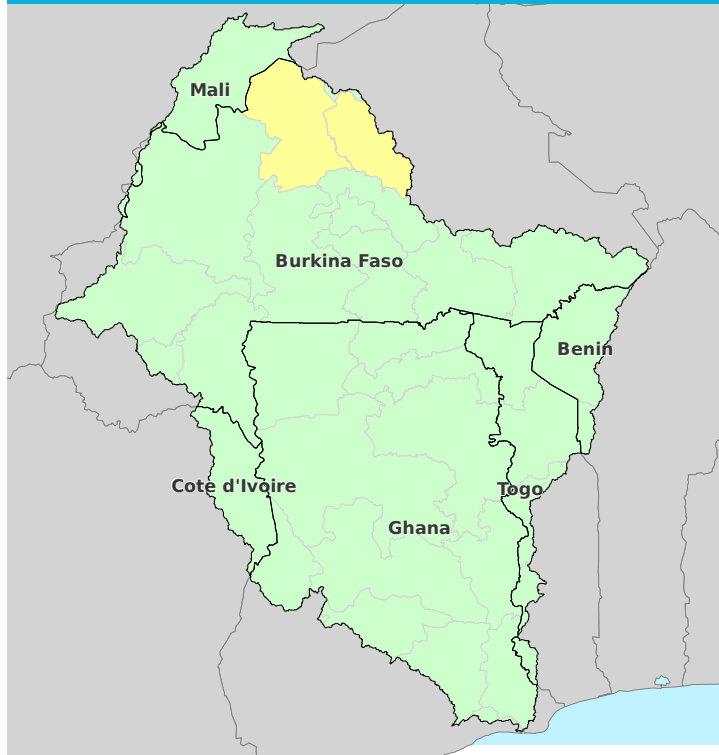
Estimated number of people potentially affected by extreme precipitation and river floods

Valid from 11/08/2026 to 15/08/2026

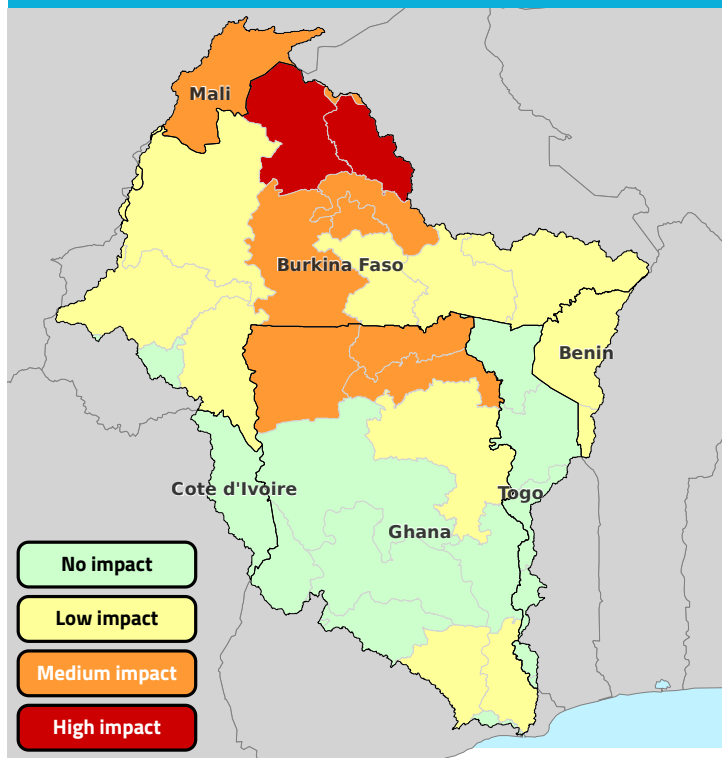
Impact from Extreme precipitation



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 indicates a high impact in the Yaadga and Kuilsé regions of Burkina Faso over the next five days.

In addition, a medium impact is expected in the Mopti regions in Mali, Oubri, Kadiogo and Nando in Burkina Faso, as well as in the Northern East (Walewale), Upper East (Bolgatanga, Fumbisi, Kongo), and Upper West (Jirapa, Tumu) regions in Ghana.

In addition, a low impact is expected in the rest of almost all of the Burkinabe national portion, in the Eastern (Donkorkrom), Northern (Yendi), Volta (Hohoe) regions in Ghana, as well as in the Beninese national portion, as well as in the Beninese national portion, during the same period.

People are invited to be vigilant in the face of 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

#2026-029

Valid from 11/08/2026 to 15/08/2026

Impact from Extreme precipitation

High impact

Burkina Faso (Centre-Nord, Nord)

Medium impact

Burkina Faso (Centre, Centre-Ouest, Plateau Central, Sahel), Mali (Mopti), Ghana (Northern East, Upper East, Upper West)

Low impact

Burkina Faso (Boucle du Mouhoun, Centre-Est, Centre-Sud, Est, Hauts-Bassins, Sud-Ouest), Mali (Segou, Sikasso), Benin (Alibori, Atacora, Donga), Ghana (Eastern, Northern, Volta)



Agence Nationale de la Météorologie (METEO-BENIN)

For the next five days, light to moderate rains are expected in the Beninese part of the Volta basin. Expected cumulative rainfall will be less than 30 mm. These rains could have a small impact on populations.



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 of less than 10 mm in the Gontougo and Bounkani regions. These rainfall conditions will not have an impact on the populations of the Ivorian portion of the Volta basin.



Ghana Meteorological Agency (GMET)

The 5-day forecast for the Ghana portion of the Volta basin shows moderate to high rainfall over regions such as Upper East (Bolgatanga, Fumbisi, Kongo), North East (Walewale) and Upper West (Jirapa, Tumu). Rainfall accumulation in these areas are expected to range between 60 – 120mm with medium impact anticipated. Low to moderate rainfall is expected over regions such as Northern (Yendi), Volta (Hohoe) and Eastern (Donkorkrom) with low impact expected. The remaining areas in the basin are expected to record low rainfall with no impact.



Agence Nationale de la Météorologie (MALI-METEO)

Impact-based forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAMET)

Over the next five days, light to moderate rains are expected in the Togolese portion of the Volta Basin. The daily accumulation of rains (0 to 25 mm) will not have an impact on the population.



Detailed outlook on river floods for the next 5 days

#2026-029

Valid from 11/08/2026 to 15/08/2026

Impact from River Floods

Low impact

Burkina Faso (Centre-Nord, Nord)



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 the Continuum model (FloodProofs) 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, Sourou, Bankui, Bankui, Djôrô, Nakanbé, Tapoa, Goulmou and Nazinon, where the expected impacts will be low. On the other hand, the regions of Nando, Kadiogo and Oubri are expected to have a medium and high impact in the Koulés regions. and Yaadga.** 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 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 if spillage should occur within the forecast period. Communities in Bazua, Yarugu, Pwalugu and areas of the Talensi and Nabdam Districts along the White Volta are advised to take the necessary precautionary measures.

Sharp rises in flows are also expected along the Black Volta at Chache and 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)

There is an increase in some rivers in the Togolese part of the basin certainly, but which will not have flood impacts, especially on the coastal populations, in the next five days.



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).

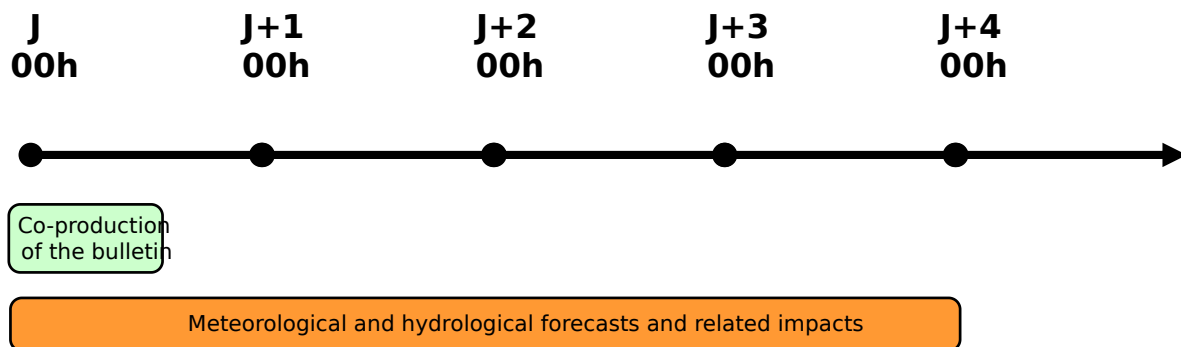
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.

