Impact bulletin for extreme precipitation and floods in the Volta basin

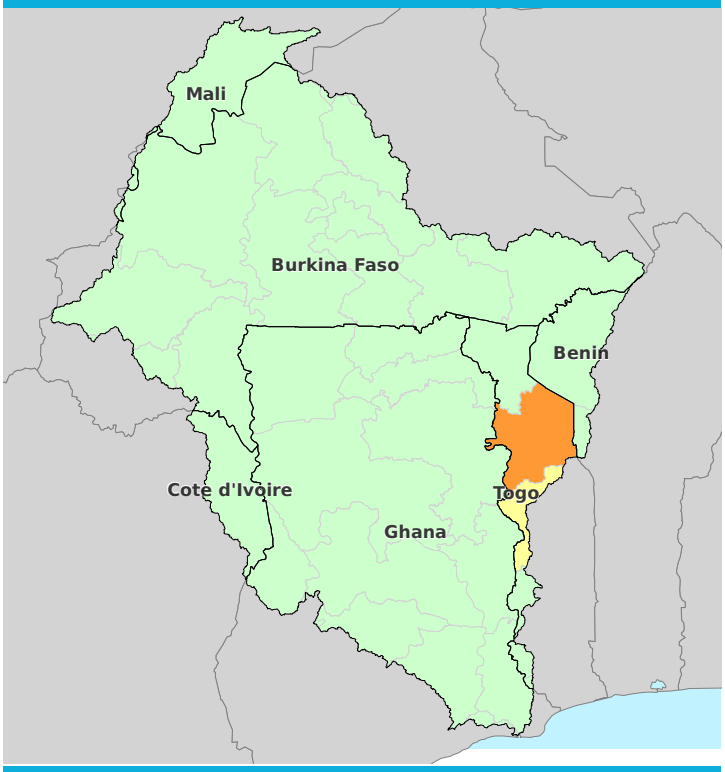
#2026-027

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

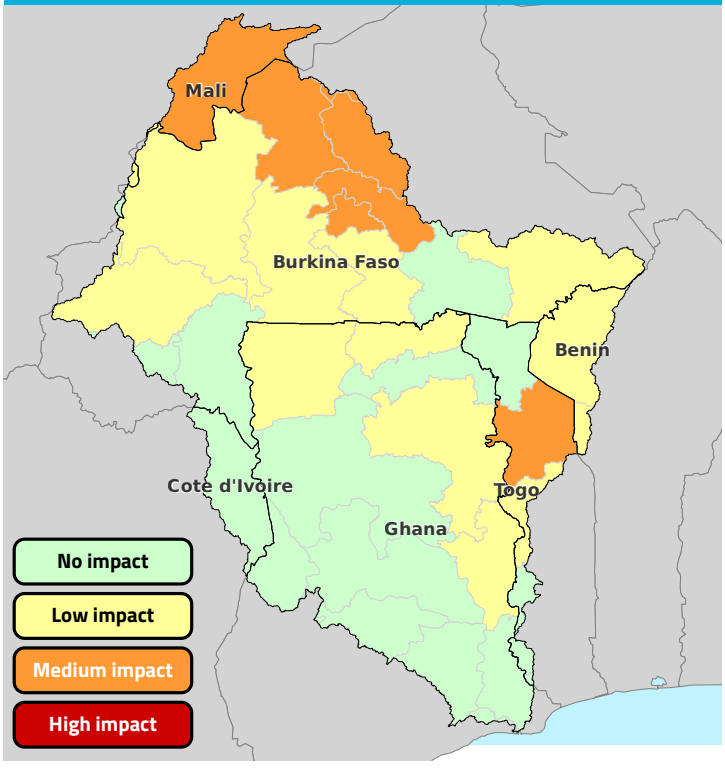
Valid from 04/08/2026 to 08/08/2026

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 shows an average impact in the Yaadga, Kuilsé, Oubri and Kadiogo regions in Burkina Faso, as well as in the regions Mopti in Mali and Kara in Togo, over the next five days.

In addition, a low impact is expected in the regions Ségou in Mali, Guiriko, Bankui, Sourou, Nando, Nazinon, Goulmou and Tapoa in Burkina Faso. A low impact is also expected in the regions Northern, Oti, Upper East (Bolgatanga, Tongo, Binduri and Bongo), Upper West (Bulenga, Katus, Dorimon, Funsi and Kundungu) in Ghana, Central in Togo , Atacora and Donga in Benin.

Impact-based forecasts are derived from automated analysis.

Detailed outlook on extreme precipitation for the next 5 days *#2026-027*

Valid from 04/08/2026 to 08/08/2026

Impact from Extreme precipitation

Medium impact Burkina Faso (Centre, Centre-Nord, Nord, Plateau Central, Sahel), Togo (Kara), Mali (Mopti)

Low impact Burkina Faso (Boucle du Mouhoun, Centre-Ouest, Centre-Sud, Est, Hauts-Bassins), Togo (Centrale), Benin (Atacora, Donga), Mali (Segou), Ghana (Northern, Oti, Upper East, Upper West)

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.

Societé d'Exploitation et de Developpement Aéroportuaire, Aéronautique et Météorologique (SODEXAM)

Impact-based forecast are derived from automated analysis.

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 Bulenga, Katus, Dorimon, Funsi and Kundungu (Upper West) and Bolgatanga, Tongo, Binduri and Bongo (Upper East) 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)

The next five days will be marked by light to moderate rains 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 *#2026-027*

Valid from 04/08/2026 to 08/08/2026

Impact from River Floods

Medium impact Togo (Kara)

Low impact Togo (Centrale)

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)

The Volta basin in the country for the period is expected to experience rising flows for the forecast period. Yarugu on the White Volta shall experience rising flows for the period coupled with the anticipated spillage of the Bagre Dam will further increase the risk of flooding within those areas. Surrounding communities such Sapeliga, Yarugu and Talensi and Nabdam areas are to take precaution.Nangodi on the Red Volta is also expected to see a sharp rise in flows and so communities within that stretch should take precaution. Lawra on the Black Volta is expected to rise and so communities are also to take precaution

Direction Nationale de l'Hydraulique (DNH)

Impact-based forecast are derived from automated analysis.

Direction des Ressources en Eau (DRE)

River water levels will increase slightly in the next 05 days according to the model (**FANFAR/PHARES**), and with the rains that are forecast, there will be a situation with **medium impacts in the Kara** region. The impacts will be low in the western part of the Plateaux region. The savannah region will remain without impact. Vigilance is required in the Kara region for the Togolese portion of the Volta Basin

.

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).

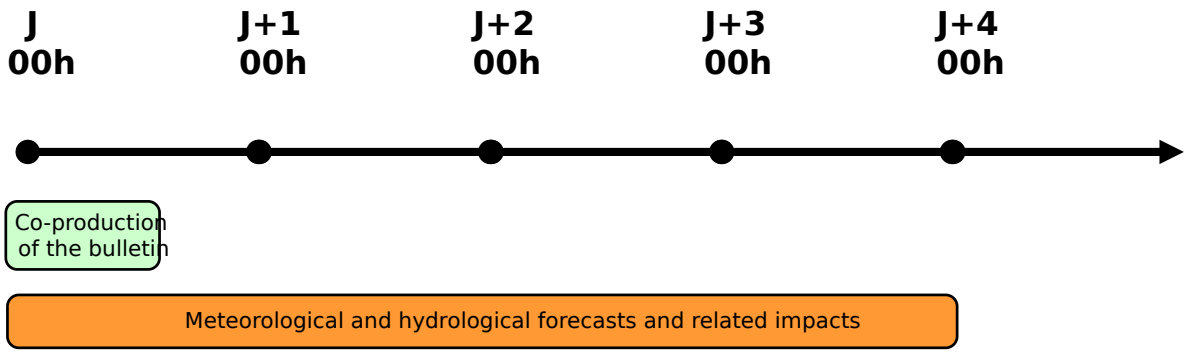
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.