



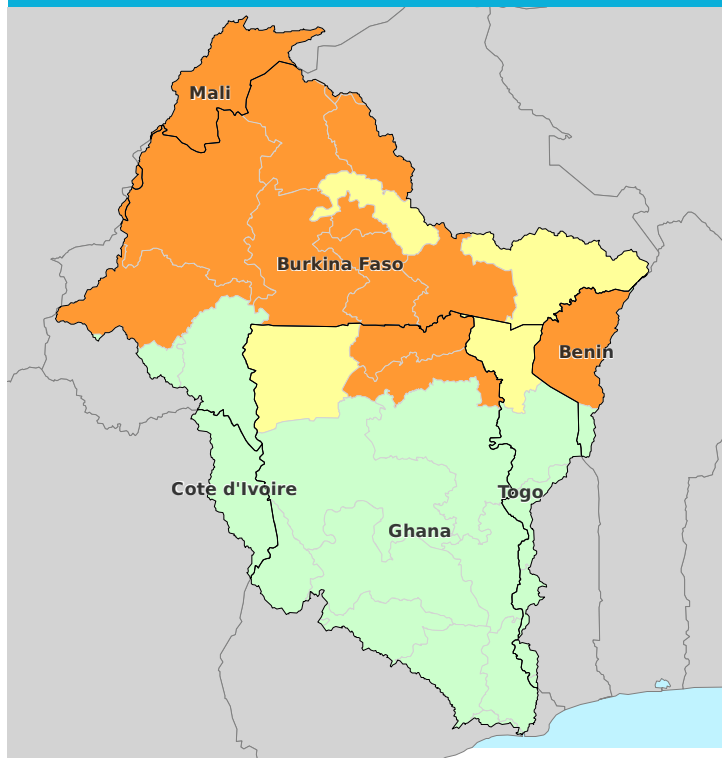
Impact bulletin for extreme precipitation and floods in the Volta basin

#2026-019

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

Valid from 07/07/2026 to 11/07/2026

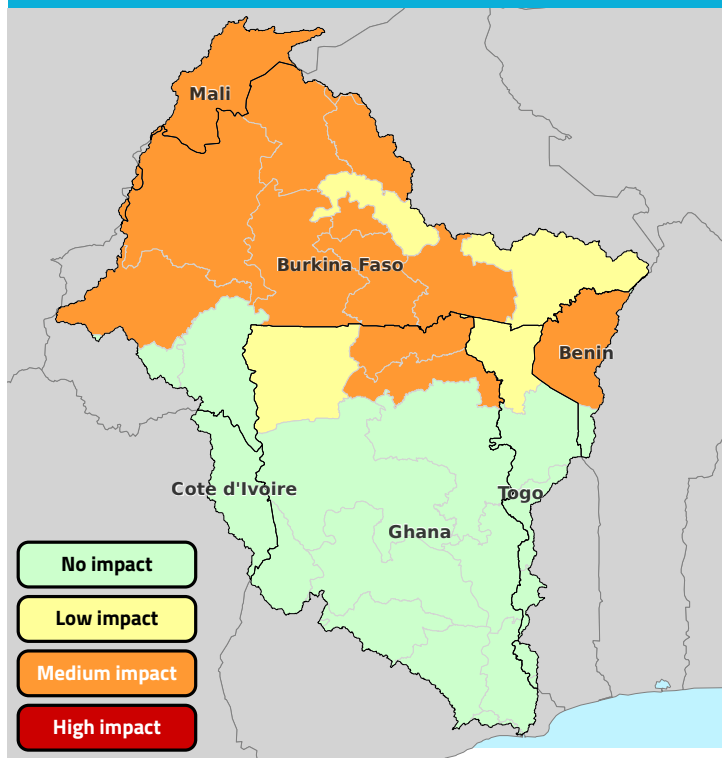
Impact from Extreme precipitation



Impact from River Floods



Combined assessment of precipitation and floods



VBA outlook

Forecasts of the impacts of heavy rains in the Volta Basin indicate a low impact in the Savannah regions in Togo and Upper West in Ghana. A low impact is also expected in the Oubri, Goulmou and Tapoa regions of Burkina Faso

over the next five days.

Moreover, a medium impact could be observed in the rest of the Burkinabe national portion outside the Djôrô region, as well as in the Mopti, Ségou, Sikasso regions in the Malian national portion. The Northern East, Upper East regions in the Ghanaian national portion and Atacora in the Beninese national portion of the Volta Basin could also experience a medium impact, during the

same period.

Impact-based forecasts are derived from automated analysis.



Detailed outlook on extreme precipitation for the next 5 days

#2026-019

Valid from 07/07/2026 to 11/07/2026

Impact from Extreme precipitation

Medium impact

Burkina Faso (Boucle du Mouhoun, Centre, Centre-Est, Centre-Nord, Centre-Ouest, Centre-Sud, Hauts-Bassins, Nord, Sahel), Mali (Mopti, Segou, Sikasso), Benin (Atacora), Ghana (Northern East, Upper East)

Low impact

Burkina Faso (Est, Plateau Central), Togo (Savanes), Ghana (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.



Société d'Exploitation et de Développement Aéroportuaire, Aéronautique et Météorologique (SODEXAM)

Impact-based forecast are derived from automated analysis.



Ghana Meteorological Agency (GMET)

Rainfall across the Ghanaian portion of the Volta Basin is expected to remain generally low over the next five days, with most areas likely to receive between 0 and 10 mm. As a result, no significant impacts are anticipated. However, isolated locations in the Upper West Region, including Tumu, Sakai, and Kulifuo, may record 30–40 mm of rainfall. Comparatively higher rainfall totals are expected over parts of the Upper East Region (Gambaga, Nalerigu, & Zebilla), where accumulations could reach 60–70 mm.



Agence Nationale de la Météorologie (MALI-METEO)

Impact-based forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAMET)

Rain-storm activities are expected over the next five days on the Togolese portion of the Volta basin. Daily rainfall totals may reach 50 mm on July 9 and 10 in the Savanes region. These amounts of rain will have a low impact only in this region.



Detailed outlook on river floods for the next 5 days

#2026-019

Valid from 07/07/2026 to 11/07/2026

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** models for the next five days in the Volta basin in Burkina Faso highlight a contrasting evolution of river flows. **Simulated hydrographs indicate generally low flows in the Tapoa and Sirba regions.** On the other hand, high flows could occur in the regions of **Nando, Kadiogo, Oubri, Yaadga, Kuilse, Nazinon, Nakanbé, Bankui and Guiriko**, with an increased risk of **overflows and floods that could affect populations, critical infrastructure, including roads and bridges, and riparian areas.** Special vigilance is therefore recommended.



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 along the Volta Basin. Water levels are generally expected to rise in the country with sharp rises experienced at Bole and Chache on the Black Volta in the next five (5) days. These sharp rises are not expected to cause inundation of Bole, Chache and their surrounding communities. The Lower Volta is not expected to inundate within the period because water levels remain uniform



Direction Nationale de l'Hydraulique (DNH)

Impact-based forecast are derived from automated analysis.



Direction des Ressources en Eau (DRE)

In the next five days, the Togolese portion of the Volta basin will remain without impact on populations and properties except for the savannah region, which will have a weak situation.



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).

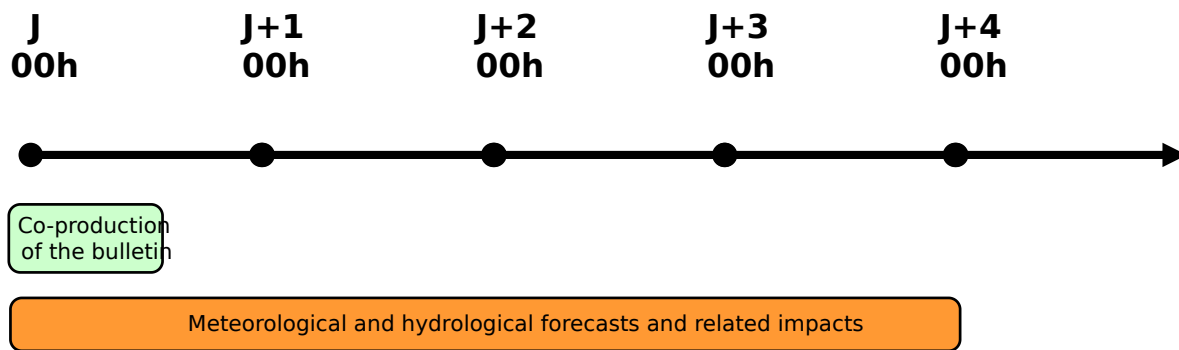
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.

