



Impact bulletin for extreme precipitation and floods in the Volta basin

#2026-006

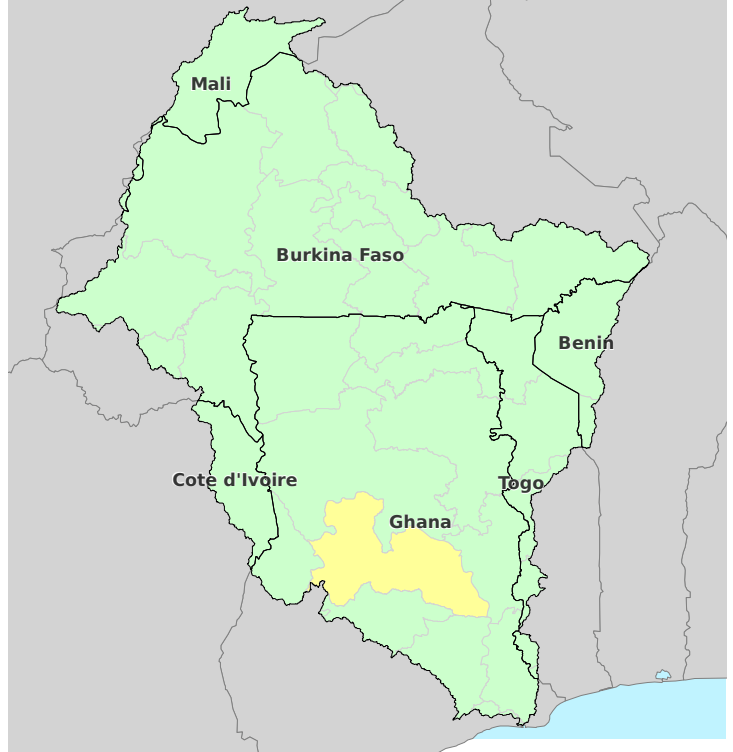
Estimated number of people potentially affected by extreme precipitation and river floods

Valid from 22/05/2026 to 26/05/2026

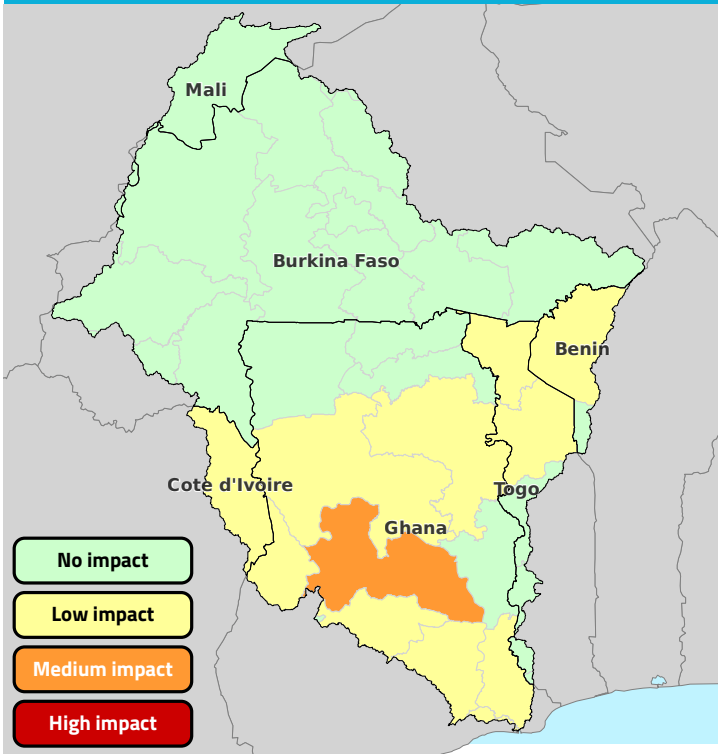
Impact from Extreme precipitation



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 river floods in the Volta Basin shows an average impact in the Bono East region of Ghana, over the next five days.

Moreover, a low impact is expected in the regions of Kara, Savannas in Togo and Atacora in Benin. The Ashanti, Bono, Eastern, Greater Accra, Northern, Northern Savannah, Volta regions in Ghana and Zanzan in Côte d'Ivoire could also experience

a low impact during the same period. Impact-based forecasts are derived from automated analysis.



Detailed outlook on extreme precipitation for the next 5 days

#2026-006

Valid from 22/05/2026 to 26/05/2026

Impact from Extreme precipitation

Medium impact

Ghana (Bono East)

Low impact

Togo (Kara, Savanes), Benin (Atacora), Cote d'Ivoire (Zanzan), Ghana (Ashanti, Bono, Eastern, Greater Accra, Northern, Savannah, Volta)



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)

The rain forecasts for the next five days indicate low rains, less than 13 mm, from 22 to 24 May 2026. Moderate rains, between 20 mm and 55 mm, are then expected on 25 and 26 May 2026, particularly in the Gontougo region (Tagadi, Kamala, Sorobango, etc.) as well as in the villages south of Bounkani (Koflandé, Kineta, etc.). Despite this rainfall, the expected impacts on the populations of the Ivorian portion of the Volta basin remain low



Ghana Meteorological Agency (GMET)

Generally, low to moderate rainfall is expected across most parts of the Ghanaian section of the Volta Basin over the next five days. Rainfall accumulations are projected to range between 30 mm and 65 mm over parts of the Northern Region, including Savelugu, Tamale, Nalerigu, Walewale, and surrounding areas. In the Eastern Region, particularly around Abetifi, Nkawkaw, and Asayensu, higher rainfall amounts ranging from 70 mm to 97 mm are anticipated. Additionally, parts of the Volta Region are expected to experience increased rainfall activity, with rainfall totals between 30 mm and 55 mm.



Agence Nationale de la Météorologie (MALI-METEO)

Impact-based forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAMET)

Light to heavy rains are forecast over the next five days in the Togolese part of the Volta Basin. Daily accumulations could reach 50 mm in some places. Expected impacts: Low in the Savannah and Kara regions.

Recommendations:

- Increased vigilance around and crossing watercourses.



Detailed outlook on river floods for the next 5 days

#2026-006

Valid from 22/05/2026 to 26/05/2026

Impact from River Floods

Low impact

Ghana (Bono East)



Direction Générale de l'Eau (DG Eau)

Impact-based forecast are derived from automated analysis.



Direction Générale des Ressources en Eau (DGRE)

The hydrological forecast resulting from the joint analysis of Continuum and FANFAR models for the next five days in the Volta basin, in Burkina Faso, does not indicate any risk of flooding. Hydrological conditions should remain generally stable throughout the basin during this period



Direction de l'Hydrologie (DH)

Impact-based forecast are derived from automated analysis.



Ghana Hydrological Authority (HYDRO)

Impact-based forecast are derived from automated analysis.



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).

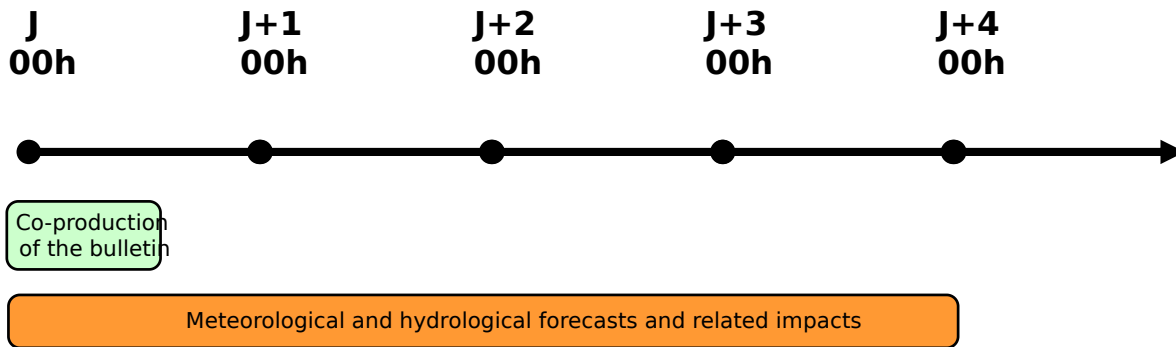
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.

