



Impact bulletin for extreme precipitation and floods in the Volta basin

#2025-021

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

Valid from 15/07/2025 to 18/07/2025

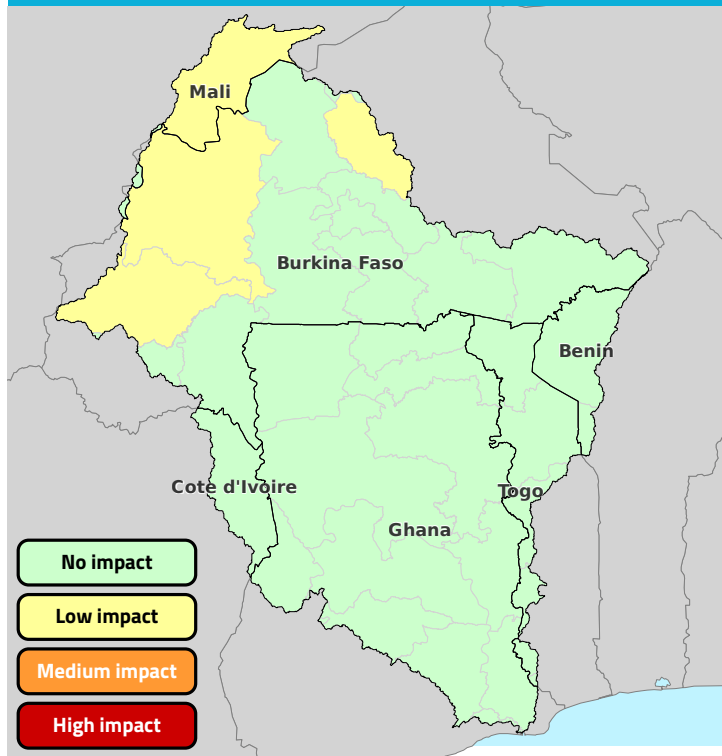
Impact from Extreme precipitation



Impact from River Floods



Combined assessment of precipitation and floods



VBA outlook

Rainfall expected over the entire Volta basin is low and does not present any threat of flooding and impacts on populations.

Rainfall will be low, less than 15 mm, in the Gontougo and Bounkani regions, with no significant impact on populations and in Ghana in the national part it will record rainfall between 5 and 20 mm. An order less than or equal to 10 mm in Togo



Detailed outlook on extreme precipitation for the next 5 days

#2025-021

Valid from 15/07/2025 to 18/07/2025

Impact from Extreme precipitation

Low impact

Burkina Faso (Boucle du Mouhoun, Hauts-Bassins), Mali (Mopti)



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 forecast for the next five days in the Zanzan district indicates low rainfall, less than 15 mm, over all regions of Gontougo and Bounkani. This situation will not have an impact on the populations of the Ivorian portion of the Volta basin.



Ghana Meteorological Agency (GMET)

Over the next five days, Ghana's portion of the Volta Basin is expected to receive light rainfall across most areas with rainfall accumulation ranging between 5-20mm. No significant impacts are anticipated.



Agence Nationale de la Météorologie (MALI-METEO)

Impact-based forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAMET)

Light rains will be recorded over the next five days on the Togolese portion of the Volta Basin. These rain totals will be less than or equal to mm. They will have no impact on the population.



Detailed outlook on river floods for the next 5 days

#2025-021

Valid from 15/07/2025 to 18/07/2025

Impact from River Floods

Low impact

Burkina Faso (Boucle du Mouhoun, Centre-Nord), Mali (Mopti)



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)

The forecasts for the next 05 days in the Ivorian portion of the basin indicate very low water levels at all the stations. Overall, there will be no risk of impact.



Ghana Hydrological Authority (HYDRO)

The country is expected to experience no impact from inundation for the next five (5) days. Water levels for the Volta Basin in the country remain low and no inundation of the surrounding communities is expected for the next (5) days.



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, hydrological forecasts show that there will be no risk of flooding or impact on the population in the entire 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).

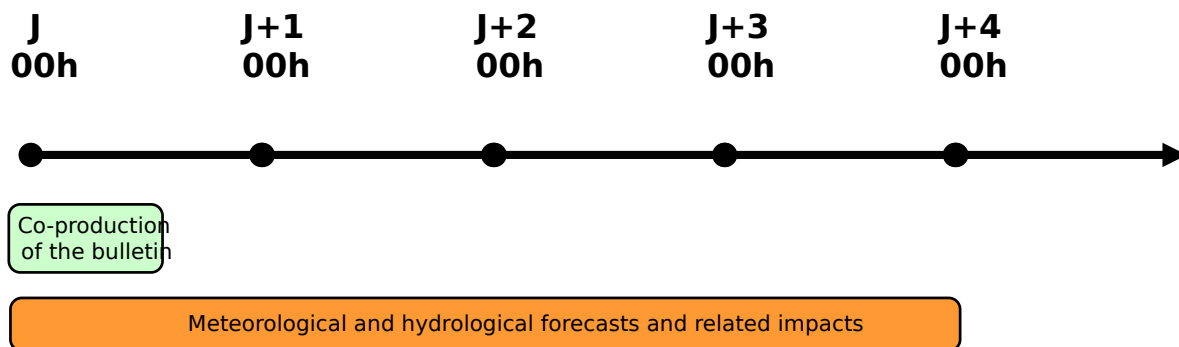
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.

