



Impact bulletin for extreme precipitation and floods in the Volta basin

#2025-016

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

Valid from 27/06/2025 to 01/07/2025

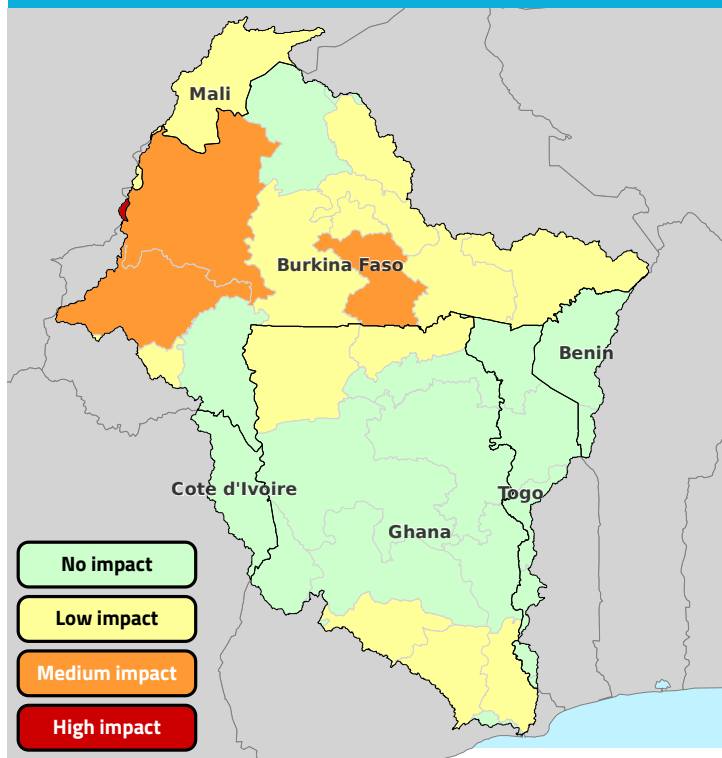
Impact from Extreme precipitation



Impact from River Floods



Combined assessment of precipitation and floods



VBA outlook

Forecasts of the impacts of heavy rains in the Volta basin show, during the period from June 27th July 1, 2025, a high impact in the Sikasso region in Mali.

In addition, a medium impact is expected in the regions of the Boucle du Mouhoun, Center-Sud, Hauts-Bassins in Burkina Faso.

Moreover, a low impact could be observed in almost all the rest of the regions of the national portion of the basin in Burkina Faso as well as in the regions of Mopti and Ségou in Mali.

Also, regions such as Upper West (Tumu, Piina), Upper East (Piina), Upper East (Kayoro), Upper East (Kayoro), Ashanti (Sekyedumasi, Agogo) Eastern (Asesewa), Volta (Peki, Ho) in Ghana could experience a low impact.

Impact-based forecasts are derived from automated analysis.



Detailed outlook on extreme precipitation for the next 5 days

#2025-016

Valid from 27/06/2025 to 01/07/2025

Impact from Extreme precipitation

High impact

Mali (Sikasso)

Medium impact

Burkina Faso (Boucle du Mouhoun, Centre-Sud, Hauts-Bassins)

Low impact

Burkina Faso (Cascades, Centre, Centre-Est, Centre-Nord, Centre-Ouest, Est, Plateau Central), Mali (Mopti, Segou), Ghana (Ashanti, Eastern, Upper East, Upper West, Volta)



Agence Nationale de la Météorologie (METEO-BENIN)

Over the next five days, light to moderate rains are expected in the Beninese portion of the Volta basin. The predicted amounts of rain are not expected to have an impact on the surrounding populations. However, it is recommended to be vigilant.



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 Zanzan district is for moderate rains on 28 June, with accumulations of 20 to 40 mm. The following days will see low levels of precipitation, less than 10 mm. These rainfall conditions will not have an impact on the populations of the Ivorian portion of the Volta basin.



Ghana Meteorological Agency (GMET)

The forecast for the next 5 days over the Ghana portion of the Volta basin shows moderate rainfall in areas such as Upper West (Tumu, Piina), Upper East (Kayoro), Ashanti (Sekyedumasi, Agogo), Eastern (Asesewa), Volta (Peki, Ho) with rainfall ranging between 30-70mm to be associated with low impact. The remaining areas within the basin are expected to record low rainfall associated with no impact.



Agence Nationale de la Météorologie (MALI-METEO)

Impact-based forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAMET)

The forecasts for the next five days on the Togolese part of the Volta basin indicate low to moderate rainfall in all regions. Cumulative rainfall during this period will have no impact on the population of the area.





Detailed outlook on river floods for the next 5 days

#2025-016

Valid from 27/06/2025 to 01/07/2025

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)

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)

There shall be no impact from inundation for the next five (5) days in the country. Water levels across the country remain low and does not pose any threat of inundation for the next five (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 5 days, the situation will remain without any impact on the population in 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).

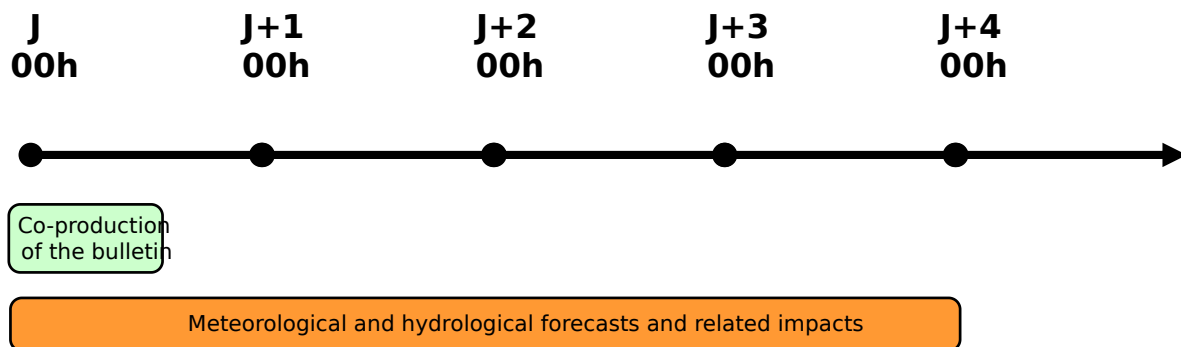
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.

