



# Impact bulletin for extreme precipitation and floods in the Volta basin

#2026-005

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

Valid from 19/05/2026 to 23/05/2026

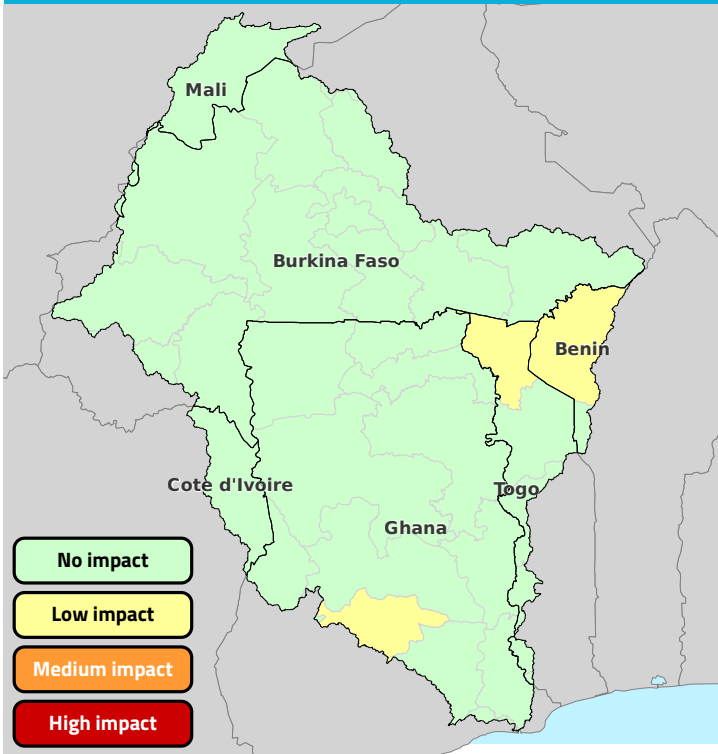
## Impact from Extreme precipitation



## 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 regions of Atacora in Benin, Savannas in Togo and Ashanti in Ghana, over the next five days.

Impact-based forecasts are derived from automated analysis.



# Detailed outlook on extreme precipitation for the next 5 days

#2026-005

Valid from 19/05/2026 to 23/05/2026

## Impact from Extreme precipitation

Low impact

Benin (Atacora), Togo (Savanes), Ghana (Ashanti)



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)

Rainfall forecasts for the next five days indicate low rainfall of less than 10 mm in the Gontougo and Bounkani regions. This rainfall situation will have no impact on the populations of the Ivorian portion of the Volta basin.



Ghana Meteorological Agency (GMET)

Across most parts of Ghana's portion of the Volta Basin, overall low rainfall conditions are anticipated over the next five days. Total accumulated rainfall is expected to remain generally below 15 mm across much of the northern areas of the basin. In contrast, the southern portions are likely to experience comparatively moderate rainfall, with totals ranging between 30 and 40 mm, particularly around Kyinderi, Kwamikrom, Nkwanta, Kpasa, and Dambai in the Oti region with no impact expected.



Agence Nationale de la Météorologie (MALI-METEO)

Impact-based forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAMET)

For the next five days, light to moderate rains are expected in the Togolese portion of the Volta Basin. Cumulative rains during this period may reach 45 mm in the Central and Savannas regions. They will have a low impact only in the Savanes region.





# Detailed outlook on river floods for the next 5 days

#2026-005

Valid from 19/05/2026 to 23/05/2026

## 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)**

For the next five days, the Continuum and FANFAR hydrological models predict low water levels over the entire Volta basin in Burkina Faso. No significant precipitation is expected in this area. As a result, populations, road infrastructures, livestock and crops are not exposed to any risk

of flooding.



**Direction de l'Hydrologie (DH)**

Impact-based forecast are derived from automated analysis.



**Ghana Hydrological Authority (HYDRO)**

There shall be no impact from inundation for the next five (5) days in the country. Water levels are still at their minimum and therefore inundation is not expected across the country.



**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).

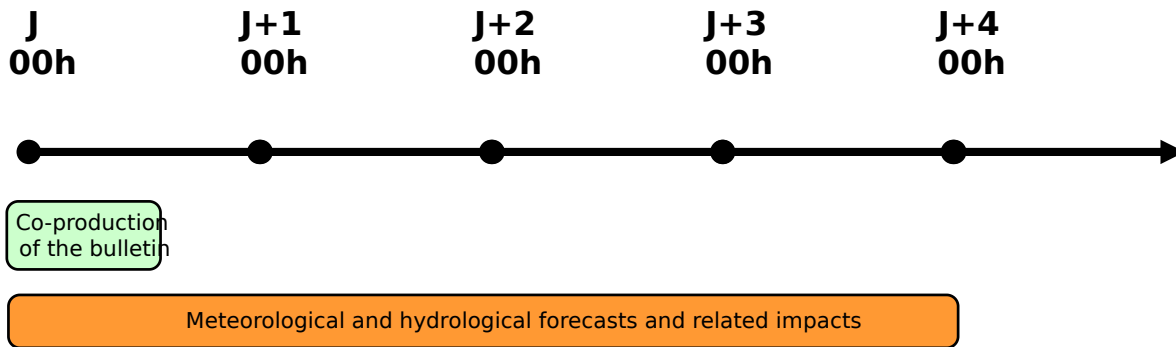
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.



Contact to: [secretariat.abv@gmail.com](mailto: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.

