



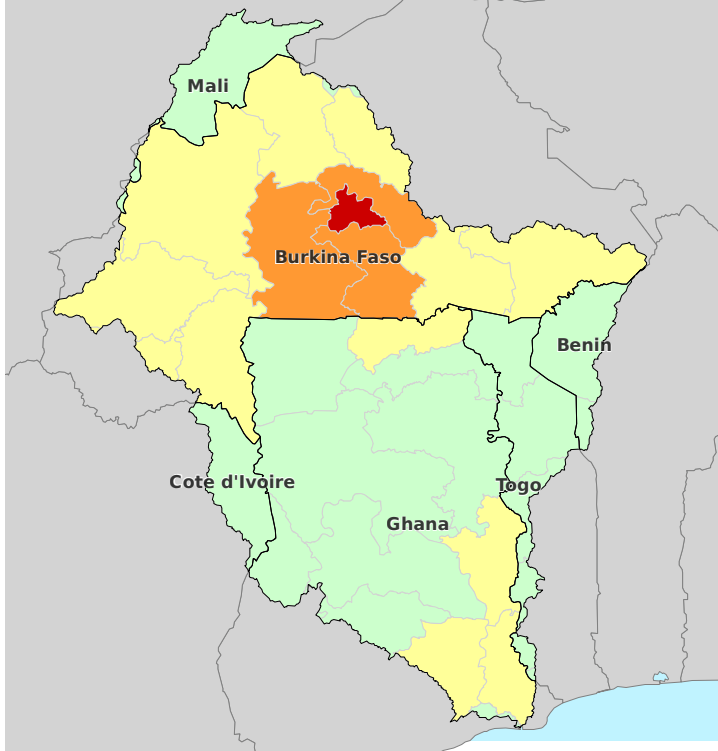
Impact bulletin for extreme precipitation and floods in the Volta basin

#2025-019

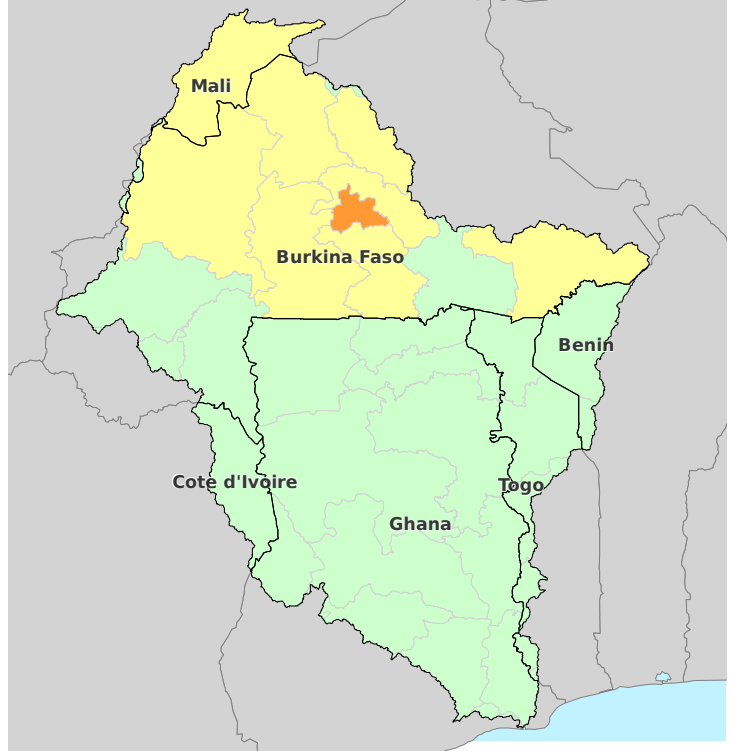
Estimated number of people potentially affected by extreme precipitation and river floods

Valid from 08/07/2025 to 11/07/2025

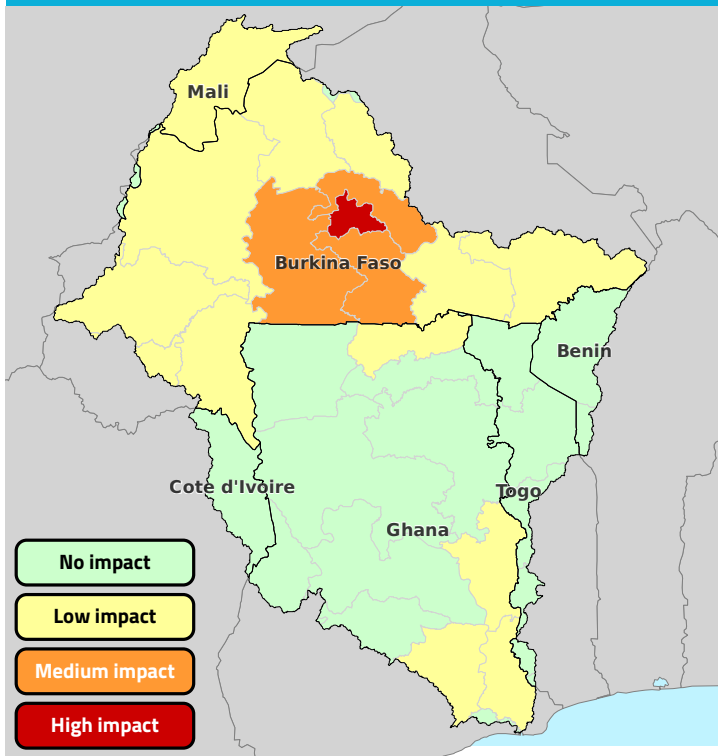
Impact from Extreme precipitation



Impact from River Floods



Combined assessment of precipitation and floods



VBA outlook

A serious risk of heavy rains is expected between 11 and 13 July, with high impacts in the Center, moderate in the Central Plateau, in the Center-South, in the Center-West and low elsewhere on the Burkinabe portion of the Volta basin. In Ghana, moderate rainfall (30 to 80 mm) is expected in some parts of the Volta Basin, especially in the east, the Volta, the Oti and the Upper East, with a low impact expected. In Togo, low to moderate rains are forecast, with daily rainfall totals of up to 35 mm in the Maritime and 25 mm in the Central, with no impact on the

population. Hydrological forecasts for the next five days indicate that the rivers of the Volta basin in Burkina Faso will remain relatively high, but without significant impacts. The floods will have no impact across the country over the next five days. Water levels along the Volta Basin in Togo will remain low and are not expected to flood surrounding communities. In Côte d'Ivoire, water levels will be very low at all stations. Overall, there will be no risk of impact



Detailed outlook on extreme precipitation for the next 5 days

#2025-019

Valid from 08/07/2025 to 11/07/2025

Impact from Extreme precipitation

High impact

Burkina Faso (Centre)

Medium impact

Burkina Faso (Centre-Ouest, Centre-Sud, Plateau Central)

Low impact

Burkina Faso (Boucle du Mouhoun, Cascades, Centre-Est, Centre-Nord, Est, Hauts-Bassins, Nord, Sud-Ouest), Ghana (Eastern, Oti, Upper East, Volta)



Agence Nationale de la Météorologie (METEO-BENIN)

Impact-based forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAM)

A serious risk of heavy rain is expected between 11 and 13 July with high impacts in the Center, moderate in the Central Plateau, in the Center-South, in the Center-West and low elsewhere on the Burkinabe portion of the Volta Basin.



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

Impact-based forecast are derived from automated analysis.



Ghana Meteorological Agency (GMET)

Over the next 5 days, moderate rainfall (30–80mm) is expected in parts of Ghana's Volta Basin, including Eastern (Begoro, Donkorkrom), Volta (Ho, Kpando), Oti (Kadjebi, Nkwanta), Upper East (Navrongo, Bolgatanga) and their environs, with low impact expected. The rest of the basin will see light rainfall with no expected impact.



Agence Nationale de la Météorologie (MALI-METEO)

Impact-based forecast are derived from automated analysis.



Agence Nationale de la Météorologie (ANAMET)

Over the next five days, light to moderate rains are expected in the Togolese portion of the Volta Basin. Daily rainfall totals may reach 35 mm in the Maritime and 25 mm in the Central. They will not have an impact on the population of the area.



Detailed outlook on river floods for the next 5 days

#2025-019

Valid from 08/07/2025 to 11/07/2025

Impact from River Floods

Medium impact

Burkina Faso (Centre)

Low impact

Burkina Faso (Boucle du Mouhoun, Centre-Nord, Centre-Ouest, Centre-Sud, Est, Nord, Plateau Central), Mali (Mopti)



Direction Générale de l'Eau (DG Eau)

Impact-based forecast are derived from automated analysis.



Direction Générale des Ressources en Eau (DGRE)

Hydrological forecasts by Modèle continuum and Hype Burkina for the next five days indicate that the rivers in the Volta basin in Burkina Faso will remain relatively high. The expected increase in water levels is not expected to cause significant impacts throughout the basin. **However, the predicted rainfall could have a low impact in some regions, including Mouhoun, North, Middle North Central in the East.** Therefore, the populations of these areas are invited to be vigilant in the face of a possible rise in the

waters.



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 across the country for the next five (5) days. Water levels along the Volta Basin in the country remain low and therefore not expected to inundate the surrounding communities in 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)

Most waterways are at low levels and will be damaged 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).

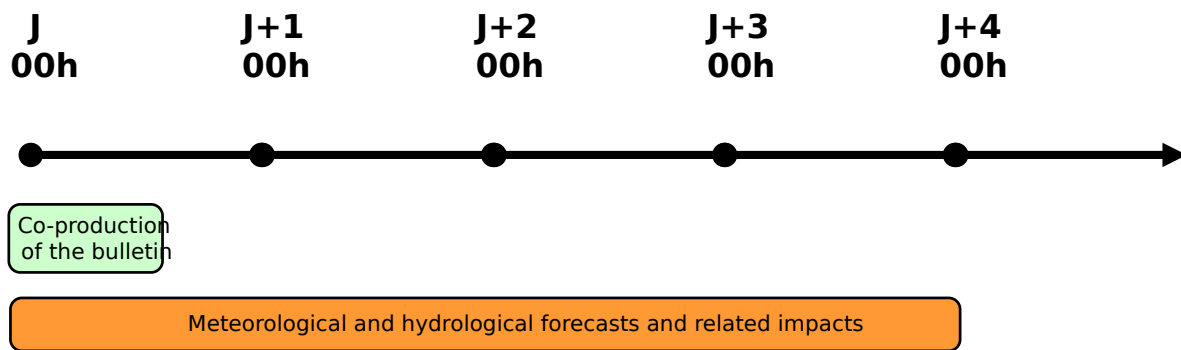
Impacts are estimated in cross-referencing information on the hazard, exposure, vulnerability and adaptive capacity. Hazard classes are defined for each hazard based on threshold values from the statistical analysis of past events or reference values from the literature.

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.



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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.

