



GHANA METEOROLOGICAL AGENCY



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OCTOBER 2025 RAINFALL OUTLOOK OVER GHANA

GMET/HYDRO/0928

Date Issued: 28th September, 2025

FORM 902

SUMMARY

The monthly rainfall outlook for October 2025 indicates normal rainfall dominating most parts of the country. **Figure 1(a)** shows the rainfall climatology (1991-2020) for August. **Figure 1(b)** displays the spatial distribution of the expected total rainfall for August 2025. **Figure 1(c)** shows the September 2025 rainfall probabilities (or percent chances) for each of the three categories: above normal, normal, and below normal.

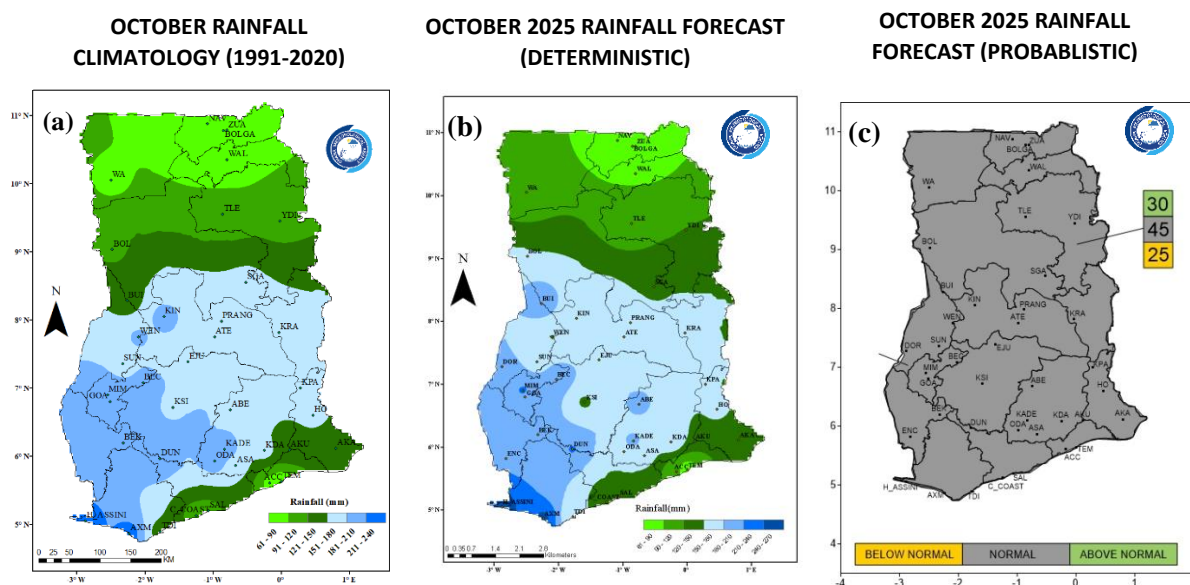


Figure 1: (a) Monthly rainfall climatology for October (1991-2020). (b) Deterministic rainfall forecast for October 2025. (c) Probabilistic rainfall forecast for October 2025.



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DESCRIPTION OF THE FORECAST

The Savanna zone

Most places in the Savanna zone, especially, Tamale, Walewale, Zuarungu and their surroundings show higher chances of normal rainfall over the period with Wa depicting chances of normal to above normal rainfall.

The Transition zone

Chances of normal rainfall are expected in most areas within the Transition zone with Bui depicting normal to above normal rainfall.

The Forest zone

Half Assini located in the western part of the Forest zone is expected to record normal to above normal rainfall over the forecast period with Kumasi expected to record normal to below normal rainfall.

The Coastal zone

The Coastal zone mainly indicates higher chances of normal rainfall with Accra, Cape Coast and Saltpond depicting normal to above normal rainfall over the period.



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CATEGORY INFORMATION FOR RAINFALL FORECAST:

- When the forecast indicates above normal, the total rainfall is above 125% of the climatology (1991-2020). One third of the months in that period were as wet as the forecast.
- When the forecast indicates near normal, the total rainfall is close to the climatology and falls in the range of 75% to 125% of the climatology.
- When the forecast indicates below normal, the total rainfall is below 75% of the climatology. One third of the months in that period were as dry as the forecast.

Please note that, in order to follow short-term weather variations, users of this outlook are advised to make use of the nowcast (six-hourly forecasts), daily forecasts and weekly forecasts routinely issued by the Ghana Meteorological Agency.

For further enquiries, clarification, information or assistance
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