



GHANA METEOROLOGICAL AGENCY



HEADQUARTERS, LEGON ACCRA
(DIGITAL ADDRESS: GA-485-3581)
37 TRINITY ROAD, EAST LEGON
P. O. BOX LG 87, LEGON, ACCRA-GHANA

MARCH 2026 RAINFALL OUTLOOK OVER GHANA

GMET/HYDRO/0326

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FORM 902

SUMMARY

The monthly rainfall outlook for March 2026 indicates predominantly normal to above normal rainfall over the country. **Figure 1(a)** shows the rainfall climatology (1991-2020) for March. **Figure 1(b)** displays the spatial distribution of the expected total rainfall for March 2026. **Figure 1(c)** shows the March 2026 rainfall probabilities (or percent chances) for each of the three categories: above normal, normal, and below normal.

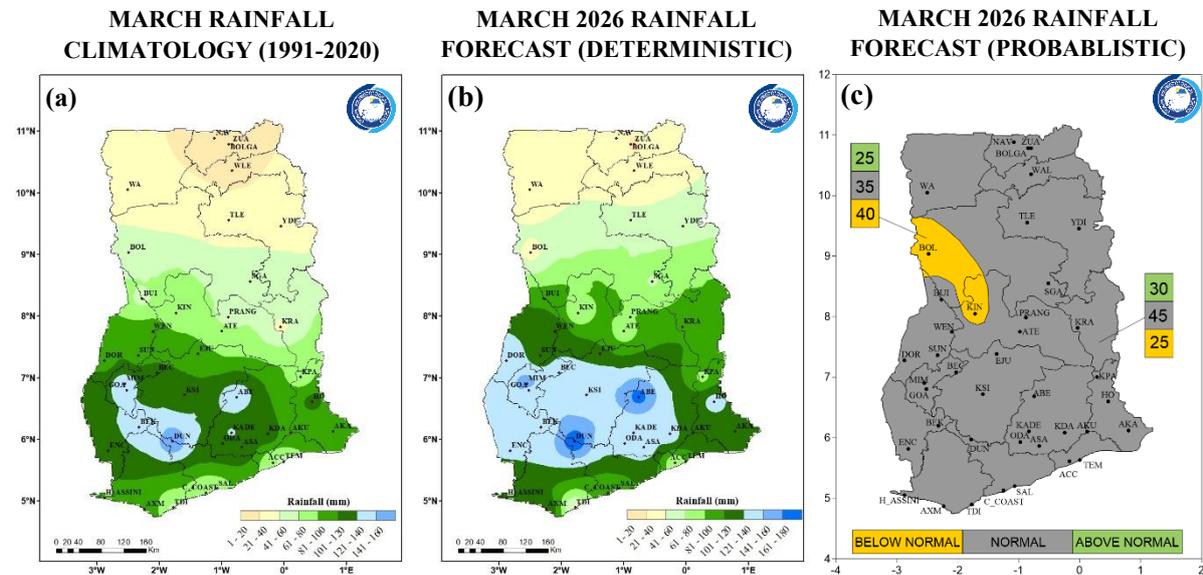


Figure 1: (a) Monthly rainfall climatology for March (1991-2020). (b) Deterministic rainfall forecast for March 2026. (c) Probabilistic rainfall forecast for March 2026.

DESCRIPTION OF THE FORECAST

The Savannah zone

The forecast indicates a high likelihood of normal to above normal rainfall across most parts of the Savannah zone. Predicted cumulative rainfall amounts are expected to range between 15 – 80 mm during the forecast period. However, areas around Bole are likely to experience normal to below normal rainfall, with expected totals of approximately 36 mm.

The Transition zone

The Transition zone is expected to experience mainly normal to above normal rainfall, with cumulative amounts ranging between 60 –140 mm. Notably, Kintampo and its surrounding areas are projected to record normal to below normal rainfall.

The Forest zone

The Forest zone is forecast to receive predominantly normal to above normal rainfall, with cumulative rainfall totals ranging between 120 –180 mm.

The Coastal zone

The Coastal zone is expected to have higher chances of normal to above normal rainfall, with cumulative amounts projected between 60 –120 mm.

ADVISORY

Disaster management and resource institutions are advised to activate emergency response measures due to potential localized flooding. While the anticipated above normal rainfall will likely boost agricultural output and water security, district authorities and community leaders must remain vigilant. Immediate implementation of risk-reduction strategies is recommended to balance the benefits of the rain against the risk of flooding in vulnerable areas.

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
Contact: The Director General – Ghana Meteorological Agency
Tel. +233 (0)30 701 0019 or
clients@meteo.gov.gh/info@meteo.gov.gh