



GHANA METEOROLOGICAL AGENCY



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

SEPTEMBER 2026 RAINFALL OUTLOOK OVER GHANA

GMET/HYDRO/0926

Date Issued: 21st August, 2026

FORM 902

SUMMARY

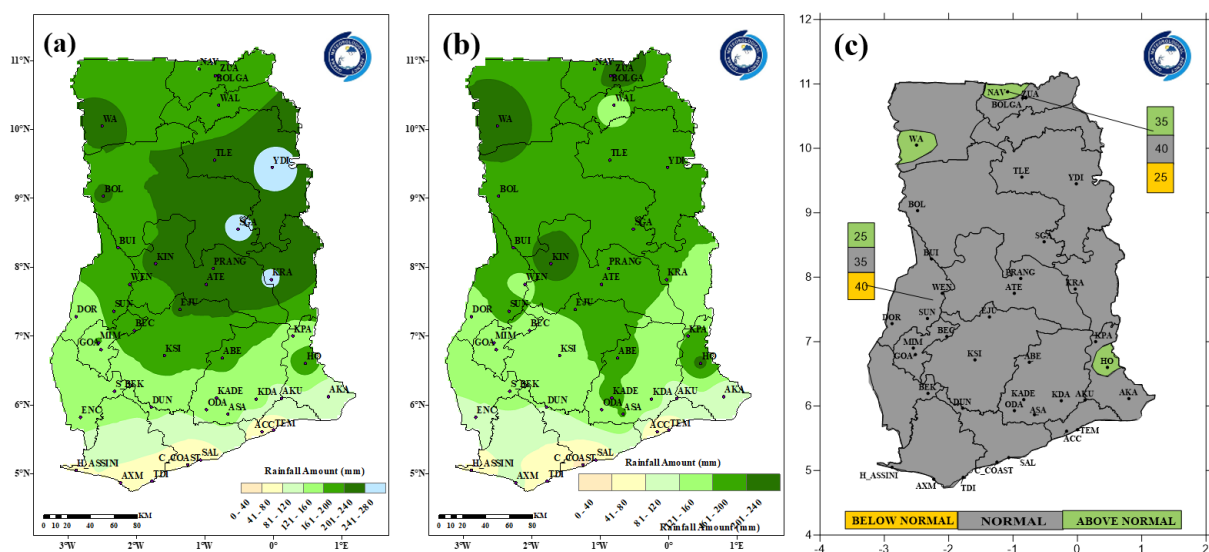
In general, the monthly rainfall outlook for September 2026 indicates predominantly below normal to normal rainfall conditions across most parts of the country. Relatively higher rainfall amounts are expected around Wa, Navrongo, Kintampo, Ho and Akim Oda, while lower rainfall totals are anticipated around the Forest zone and across much of the Coastal zone. **Figure 1(a)** shows the rainfall climatology (1991-2020) for September. **Figure 1(b)** displays the spatial distribution of the expected total rainfall for September 2026. **Figure 1(c)** shows the September 2026 rainfall probabilities (or percent chances) for each of the three categories: above normal, normal, and below normal.

SEPTEMBER RAINFALL
CLIMATOLOGY (1991-2020)

SEPTEMBER 2026 RAINFALL
FORECAST (DETERMINISTIC)

SEPTEMBER 2026 RAINFALL
FORECAST (PROBABLISTIC)

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



DESCRIPTION OF THE FORECAST

The Savannah Zone

Most areas such as Zuarungu, Bole, Walewale, Yendi and Tamale within the Savannah zone, are expected to experience below-normal to normal rainfall during the period, with higher chances of above-normal to normal rainfall conditions particularly over Wa, Navrongo and their surrounding areas with cumulative totals estimated between 200 and 210 mm.

The Transition zone

The Transition Zone is likely to experience below normal to normal rainfall conditions over the forecast period. Areas within the central portions of the zone, particularly around Kintampo, and nearby communities, are expected to record cumulative totals of 240mm.

The Forest Zone

The Forest Zone is expected to experience predominantly below normal to normal rainfall conditions across most areas during the forecast period. Areas such as Ho, and Akim Oda are likely to record enhanced rainfall activity, with cumulative amounts projected to range between 170 and 220 mm. However, areas around Kumasi and its surrounding communities are anticipated to experience relatively lower rainfall, with conditions expected to remain within the normal to below-normal range.

The Coastal Zone

The Coastal Zone is anticipated to experience predominantly normal to below-normal rainfall conditions throughout the forecast period. Cumulative rainfall amounts are projected to range between 30 and 80 mm across much of the zone.

Advisory

Relevant disaster management and resource institutions are advised to enhance emergency preparedness measures due to the risk of localized flooding. While the expected above-normal rainfall may improve agricultural production and water availability, authorities and community leaders are encouraged to remain vigilant and implement appropriate risk reduction measures.

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

