



GHANA METEOROLOGICAL AGENCY



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MAY 2026 RAINFALL OUTLOOK OVER GHANA

GMET/HYDRO/0526

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FORM 902

SUMMARY

In general, the monthly rainfall outlook for May 2026 indicates that western areas are likely to experience relatively wetter conditions, while some eastern areas may receive comparatively lower rainfall. **Figure 1(a)** shows the rainfall climatology (1991-2020) for May. **Figure 1(b)** displays the spatial distribution of the expected total rainfall for May 2026. **Figure 1(c)** shows the May 2026 rainfall probabilities (or percent chances) for each of the three categories: above normal, normal, and below normal.

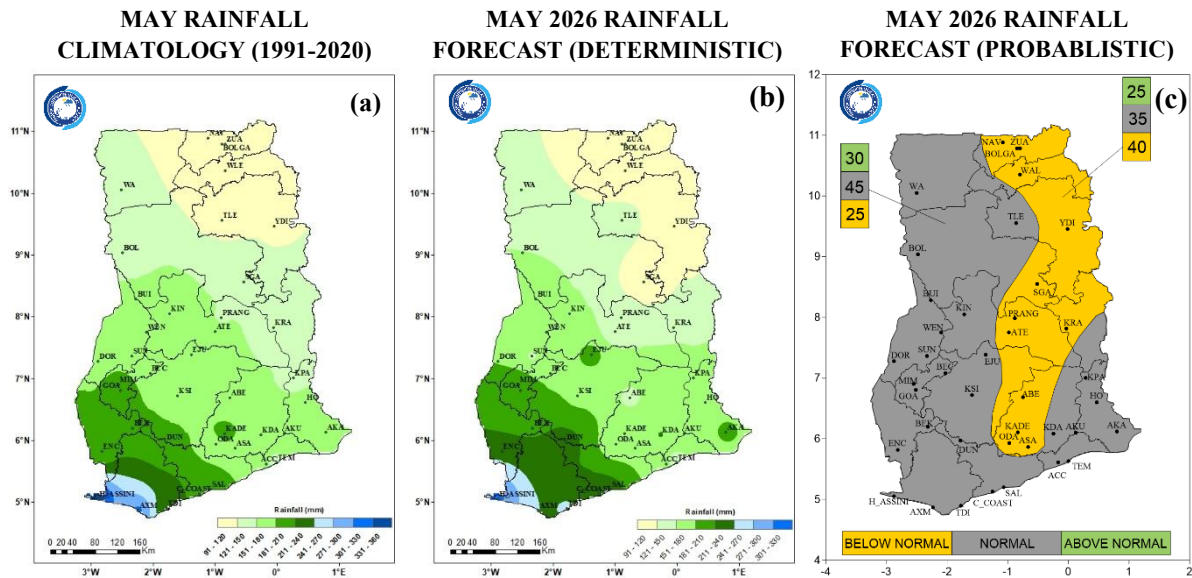


Figure 1: (a) Monthly rainfall climatology for May (1991-2020). (b) Deterministic rainfall forecast for May 2026. (c) Probabilistic rainfall forecast for May 2026.

DESCRIPTION OF THE FORECAST

The Savannah Zone

The western portion of the Savannah Zone is forecast to record normal to above normal conditions. In contrast, the eastern areas, particularly around Walewale and Yendi are likely to experience normal to below normal rainfall, with cumulative amounts expected to range between 90 – 120 mm.

The Transition zone

The Transition zone is expected to experience contrasting rainfall conditions during the period. The western parts of the zone, especially around Bui, Sunyani, Mim and surrounding areas, are expected to receive normal to above normal rainfall, with cumulative totals ranging between 160 – 210 mm. Meanwhile, the eastern portions, including areas around Atebubu and Salaga, are expected to experience normal to below normal rainfall conditions.

The Forest Zone

The Forest Zone is forecast to experience predominantly normal to above normal rainfall conditions across most parts, with cumulative amounts ranging between 150 – 350 mm. However, normal to below normal rainfall conditions are expected around areas such as Abetifi, Asamankese and their surrounding areas, with total rainfall amounts likely to be below 150 mm.

The Coastal Zone

The Coastal Zone is expected to experience largely normal to above normal rainfall conditions during the forecast period. Predicted cumulative rainfall amounts are expected to be in the range of 120-180 mm.

Advisory

Residents, farmers, and stakeholders are encouraged to plan activities accordingly. While above normal rainfall may benefit agriculture and water resources, localized flooding may occur 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.

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