

GHANA METEOROLOGICAL AGENCY



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MAY 2025 RAINFALL OUTLOOK OVER GHANA

GMET/HYDRO/0525

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FORM 902

SUMMARY

Overall, the monthly rainfall outlook for May 2025 indicates normal to below normal rainfall dominating most parts of the country with some parts of the eastern portion expected to record below normal 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 2025. **Figure 1(c)** shows the May 2025 rainfall probabilities (or percent chances) for each of the three categories: above normal, normal, and below normal.

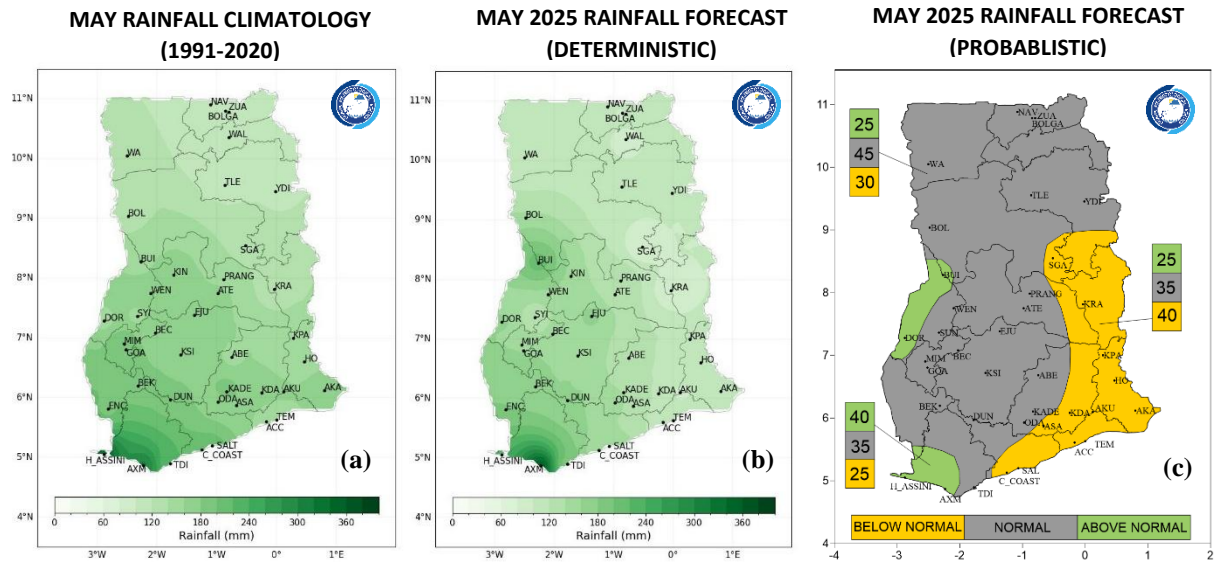


Figure 1: (a) Monthly rainfall climatology for May (1991-2020). (b) Deterministic rainfall forecast for May 2025. (c) Probabilistic rainfall forecast for May 2025

DESCRIPTION OF THE FORECAST

The Savanna zone

The Savanna zone predominantly shows higher chances of normal to below normal rainfall.

The Transition zone

Areas such as Bui and Dormaa located in the western part of the Transition zone are expected to experience normal to above normal rainfall whilst Salaga and Kete Krachi in the eastern portion of the zone are forecast to record below normal rainfall. The mid-portion of the zone mainly shows normal to below normal rainfall.

The Forest zone

Most parts of the Forest zone show normal to below normal rainfall with areas located in the eastern portion of the zone such as Kpando, Ho, Koforidua, Akuse and Asamankese expected to record below normal rainfall. The south-western portion of the zone such as Half Assini and Axim are expected to experience normal to above normal rainfall.

The Coastal zone

The Coastal zone mainly indicates higher chances of below normal rainfall.



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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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