



# GHANA METEOROLOGICAL AGENCY



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## APRIL 2025 RAINFALL OUTLOOK OVER GHANA

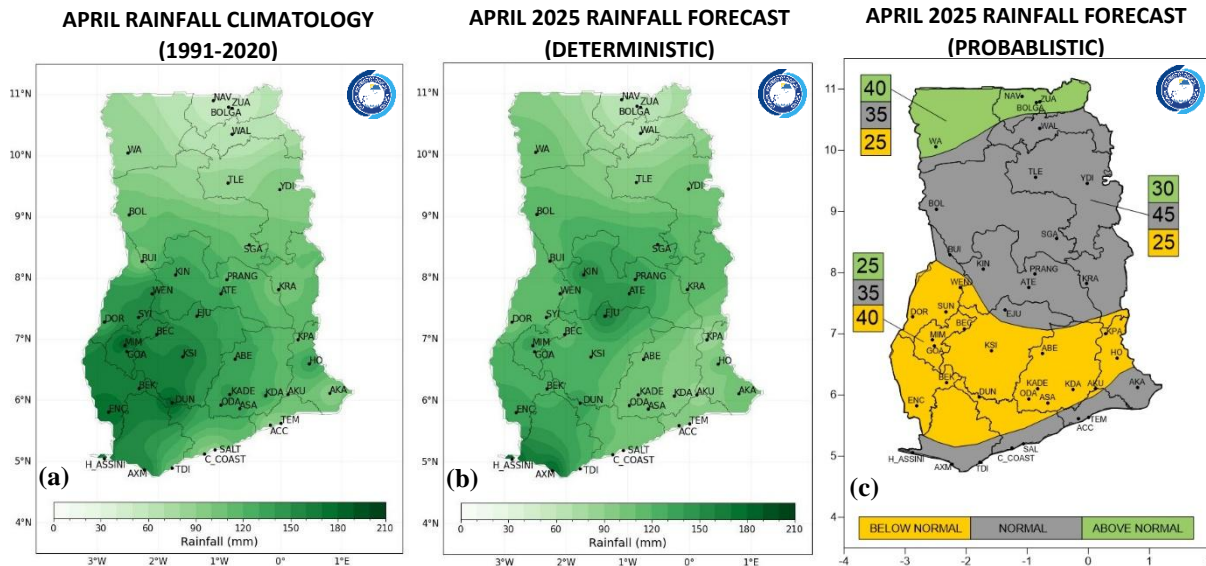
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FORM 902

### SUMMARY

Overall, the monthly rainfall outlook for April 2025 indicates normal to above normal rainfall dominating most parts of the country with some parts of the southern portion expected to record below normal rainfall. **Figure 1(a)** shows the rainfall climatology (1991-2020) for April. **Figure 1(b)** displays the spatial distribution of the expected total rainfall for April 2025. **Figure 1(c)** shows the April 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 April (1991-2020). (b) Deterministic rainfall forecast for April 2025. (c) Probabilistic rainfall forecast for April 2025



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## **DESCRIPTION OF THE FORECAST**

### **The Savanna zone**

Above normal rainfall is expected to be recorded in the upper portion of the Savanna zone in areas such as Wa, Navrongo, Bolgatanga and Zuarungu. The remaining parts of the zone such as Bole, Walewale, Tamale and Yendi are expected to register mainly normal to above normal rainfall.

### **The Transition zone**

Areas such as Bui, Kintampo, Salaga, Atebubu, Prang and Kete Krachi in the Transition zone are expected to experience normal to above normal rainfall whilst Wenchi, Sunyani, Dormaa and Bechem mostly found in the western portion of the zone are forecast to record below normal rainfall.

### **The Forest zone**

Most parts of the Forest zone especially the upper portions such as Mim, Goaso, Sefwi Bekwai, Kumasi, Dunkwa, Abetifi, Akim Oda, Kade, Asamankese, Koforidua, Akuse, Ho and Kpando are expected to record below normal rainfall. The south-western portion of the zone such as Half Assini, Axim and Takoradi as well as Ejura in the upper part are expected to experience normal to above normal rainfall.

### **The Coastal zone**

The Coastal zone indicates mainly normal to above normal rainfall in areas such as Cape Coast, Saltpond, Accra, Tema and Akatsi.

## 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.

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