



# MONTHLY RAINFALL ANALYSIS

FEBRUARY 2025



# GHANA METEOROLOGICAL AGENCY



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## FEBRUARY 2025 RAINFALL AMOUNT & FREQUENCY OVER GHANA

GMET/HYDRO/0225

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### SUMMARY

In February 2025, the southern and eastern regions experienced above-average total rainfall, indicating wetter-than-normal conditions. In contrast, the northern half of the country and western parts of the middle belt recorded below-average rainfall. Rainfall frequency also followed this pattern, with the southern half of the country seeing more rainy days than usual, while the northern half experienced fewer rainy days than the long-term average. In all, the south-eastern portions of the country experienced wetter conditions, while the north-western portions remained drier.

### Rainfall Amount Analysis for February

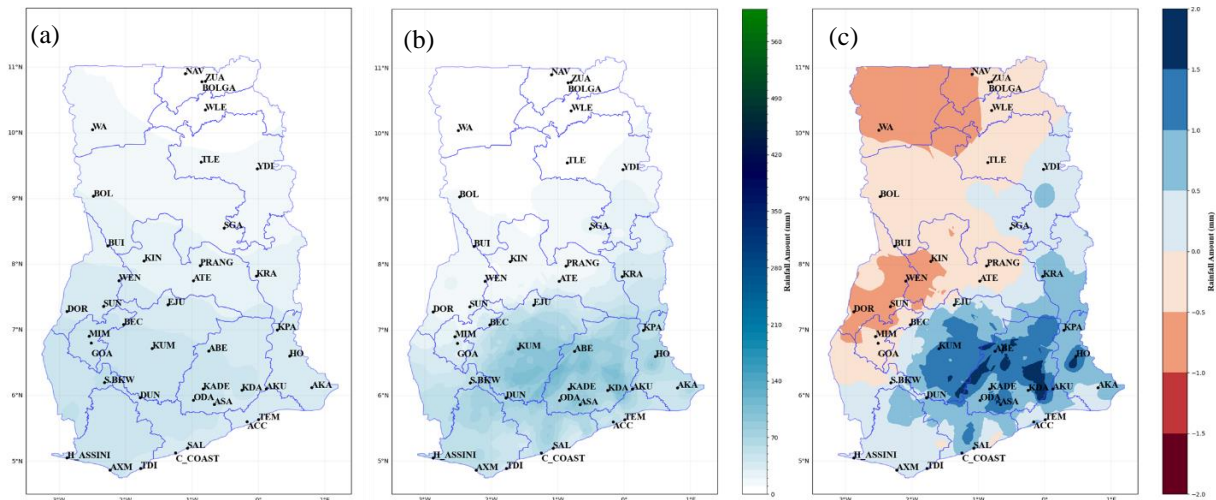
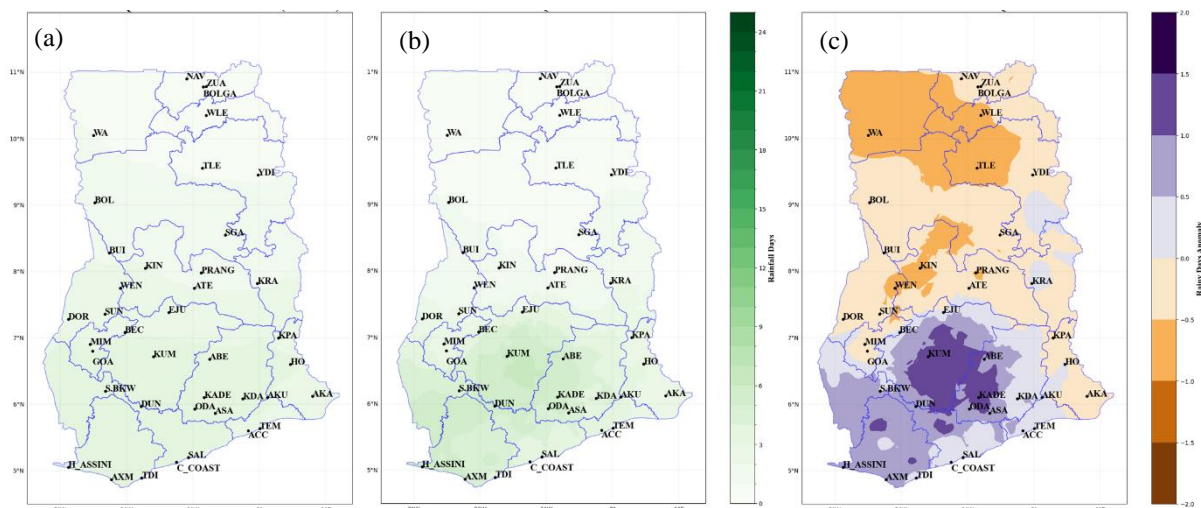


Figure 1. (a) February Total Rainfall Climatology (1991 – 2020), (b) February 2025 Total Rainfall, (c) February 2025 Total Rainfall Anomaly

The rainfall climatology for February (Figure 1(a)) indicates total rainfall of (70–140 mm) dominant in the south-western regions of the country. In February 2025, the total rainfall amounts (Figure 1(b)) indicated significantly higher totals rainfall of (70-210mm) particularly in Abetifi, Koforidua, Ho, tema and Kumasi. The total rainfall anomaly map (Figure 1(c)) confirms these variations. Likewise, areas such as Dormaa, Wenchi, Kintampo, Sunyani, Navrongo, Walewale and Wa experienced significant rainfall deficits.

## Rainfall Frequency Analysis for Frequency 2025



**Figure 1.** (a) February Rainfall Frequency Climatology (1991–2020), (b) February 2025 Rainfall Frequency, (c) Rainfall Frequency Anomaly for February 2025

The frequency climatology for February (Figure 1(a)) indicates rainfall days of (6 -9 days) dominant in the southern regions of the country with the northern half having less rainfall days. In February 2025, the rainfall frequency (Figure 1(b)) indicated significantly higher rainfall days of (6-12 day) particularly in Akim Oda, Abetifi, Kade, Dunkwa on Offin, Axim and Kumasi. The rainfall frequency anomaly map (Figure 1(c)) confirms these variations. Also, areas such as Dormaa, Wenchi, Kintampo, Sunyani, Prang, Walewale, Tamale and Wa experienced significant deficits in rainfall days.

*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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