



# MONTHLY RAINFALL ANALYSIS

JANUARY 2025



**37 TRINITY ROAD, EAST LEGON  
P. O. BOX LG 87, LEGON, ACCRA-GHANA**

# JANUARY 2025 RAINFALL AMOUNT & FREQUENCY OVER GHANA

*Date Issued: 7<sup>th</sup> February, 2025*

Total rainfall across Ghana varied by region in January 2025. The southern parts, especially near the coast and in the east, received more rain than usual. Meanwhile, the northern half of the country had less rainfall than normal. Rainfall frequency followed a similar pattern (i.e., there were more rainy days in the southeast, while most northern areas had fewer.) Overall, the south experienced wetter conditions, while the north remained drier.

(a)

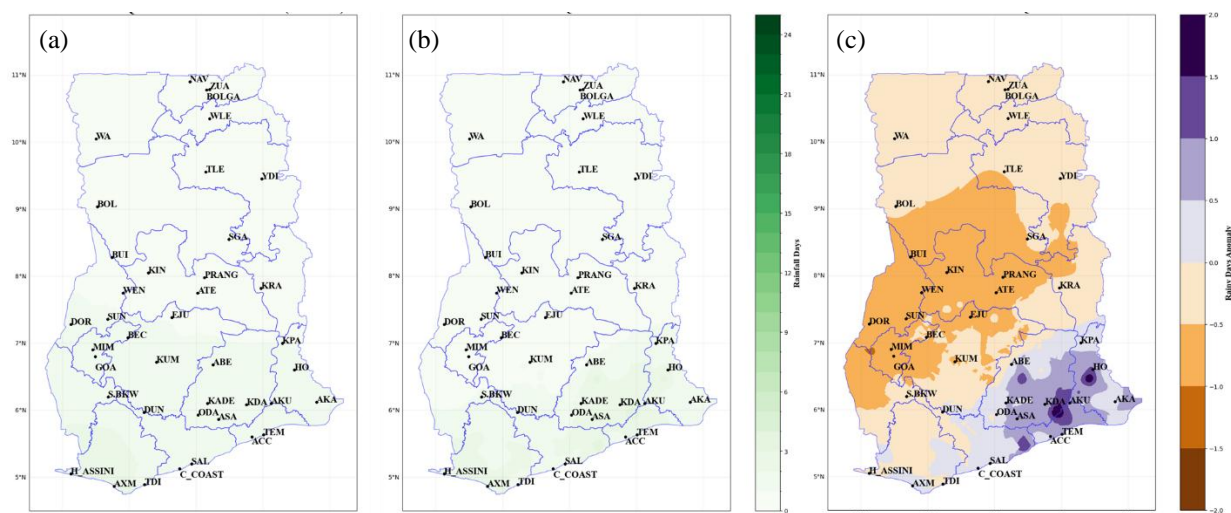
(b)

(c)

**Figure 1.** (a) January Total Rainfall Climatology (1991 – 20202), (b) January 2025 Total Rainfall, (c) January2025 Total Rainfall Anomaly

The rainfall climatology for April (Figure 1(a)) shows increased total of 70–140 mm dominant in the south-western regions, particularly Western Region. In April 2025, the total rainfall amounts (Figure 1(b)) indicated significantly higher totals in specific areas, including Abetifi, Koforidua, Ho and tema. The total rainfall anomaly map (Figure 1(c)) confirms these variations. Likewise, areas such as Dormaa, Goaso, Mim, Bechem, Sunyani, Kumasi, and Ejura, experienced significant rainfall deficits.

## Rainfall Frequency Analysis for January 2025



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

Rainfall Frequency Climatology (Figure 1(a)) indicates higher frequencies (3-6 days) across the southern parts of Ghana, extending into the north-middle zone. In April 2025 (Figure 1(b)), frequencies ranging from (3-6 days) were observed in south- easter parts of Ghana stretching toward the forest zone. Positive anomalies (Figure 1(c)) emerged in the southeastern corridor, particularly around Saltpond, Accra, Tema, Asamankese, Kade, Akuse, Akatsi, and Ho.

*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  
 Contact: The Director General – Ghana Meteorological Agency  
 Tel. +233 (0)30 701 0019 or  
[clients@meteo.gov.gh](mailto:clients@meteo.gov.gh)/[info@meteo.gov.gh](mailto:info@meteo.gov.gh)