MONTHLY RAINFALL ANALYSIS

JANUARY 2026

GHANA METEOROLOGICAL AGENCY

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JANUARY 2026 RAINFALL AMOUNT & FREQUENCY OVER GHANA

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SUMMARY

Rainfall conditions across Ghana in January 2026 were generally near normal, with some areas in the southern parts of the country experiencing above average rainfall. While rainfall remained minimal across most of the northern sector, several locations in the southwestern and southeastern zones recorded appreciable rainfall totals and increased rainfall frequency compared to the 1991–2020 climatological average.

Rainfall Amount Analysis for January 2026

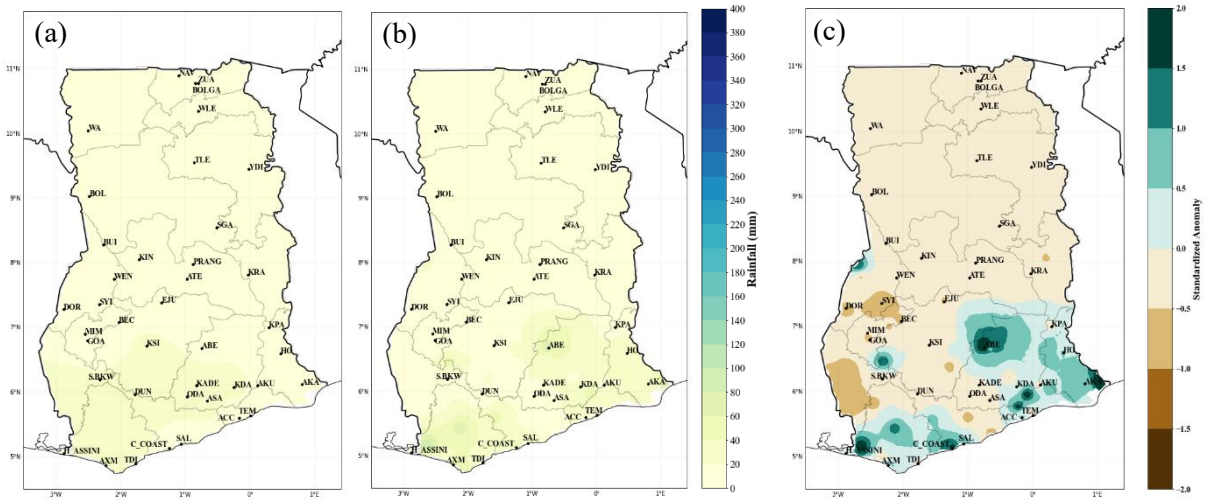

Figure 1. *(a) January Rainfall Climatology (1991 – 2020), (b) January 2026 Rainfall, (c) January 2026 Rainfall Standardized Anomaly*

Figure 1 illustrates the spatial distribution of rainfall across Ghana for January. ***Figure 1(a)*** presents the 1991–2020 climatological average, which shows that rainfall during this period is mostly confined to the southern parts of the country, typically reaching up to about 40 mm, particularly in southwestern areas such as Axim, Enchi and Dunkwa. In contrast, the northern part of the country generally receives little to no rainfall, with most areas recording less than 10 mm. ***Figure 1(b)*** shows the observed rainfall for January 2026, indicating appreciable rainfall amounts across parts of the southern zone. Notably, areas around Axim, Elubo, and

Cape Coast, among others, recorded cumulative rainfall ranging from 40–100 mm. In contrast, rainfall amounts across the northern part of the country remained very low, with most areas recording no rainfall during the month. ***Figure 1(c)*** presents the standardized rainfall anomaly for January 2026. The analysis reveals predominantly near normal conditions, especially across the northern part of the country. However, above normal rainfall conditions were observed in parts of the southeastern and southwestern regions, particularly in areas such as Akatsi, Koforidua, Abetifi, Cape Coast and Half Assini.

Rainfall Frequency Analysis for January 2026

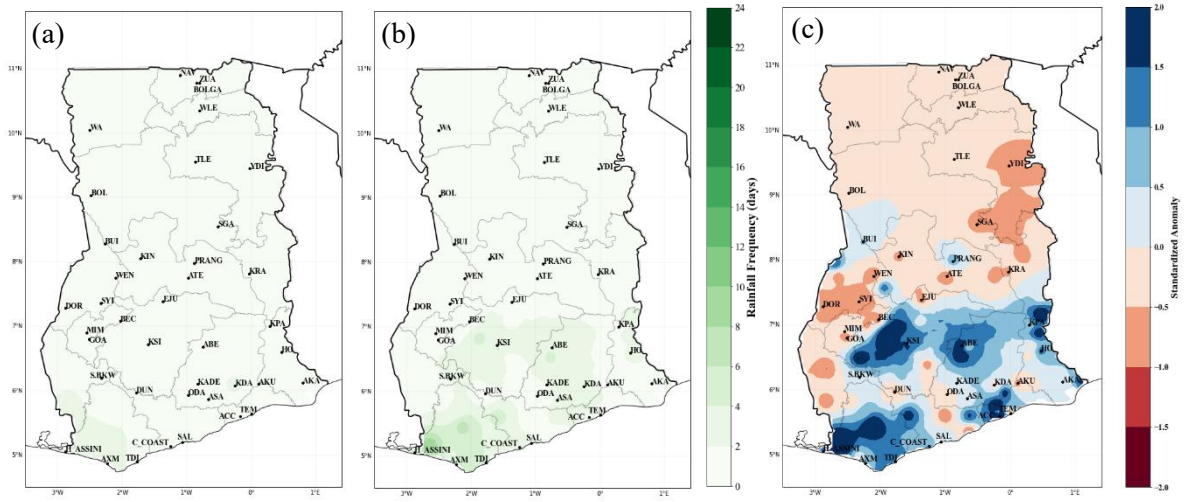

Figure 2. *(a) January Rainfall Frequency Climatology (1991–2020), (b) January 2026 Rainfall Frequency, (c) Rainfall Frequency Anomaly for January 2026*

Figure 2 presents the rainfall frequency distribution for January. ***Figure 2(a)*** shows the 1991–2020 climatological rainfall frequency, where the southern sector, particularly Enchi, Half Assini, and Axim, typically records 2–3 rainy days during the month. In contrast, rainfall frequency in the northern zone is generally low, averaging around one rainy day. ***Figure 2(b)*** illustrates the observed rainfall frequency for January 2026. Higher rainfall frequencies were recorded in several areas within the southern zone, including Takoradi, Axim, Half Assini and Elubo, with rainfall occurring on 2–16 days during the month. Most areas in the northern zone recorded no rainy days, although Bui and Prang registered one rainy day each. ***Figure 2(c)*** shows the standardized rainfall frequency anomaly, which indicates predominantly near normal conditions across the northern sector. However, positive anomalies were observed across many parts of the southern sector, particularly in Half Assini, Kumasi, Abetifi, Kpando and Accra, reflecting higher than average rainfall frequency in these areas.