

GHANA METEOROLOGICAL AGENCY

Agrometeorological Bulletin No.3, Dekad 3, January (21 – 31) 2017

SUMMARY

This edition presents the third dekad of agrometeorological bulletin of January 2017. The Southern parts of the country including Kete-Krachi and Sefwi Bekwai experienced an increase in rainfall amounts. Elubo with the highest amount of rainfall for the dekad received 90.6mm of rain in 3 rain-days. Rainfall distribution across the country increased as compared to the previous dekad (1-4 rain-days). Although most parts of the country especially the North continue to experienced below normal rainfall anomaly. However surplus rainfall anomalies were experienced in Kete-Krachi, Dormaa Ahenkro and some parts of the South. The mean maximum temperature increased with the highest maximum temperature at Tamale (38.2 °C) while, the mean minimum temperature across the country was observed at Tamale (19.9 °C).

1.0 RAINFALL TRENDS

1.1 Rainfall Anomaly

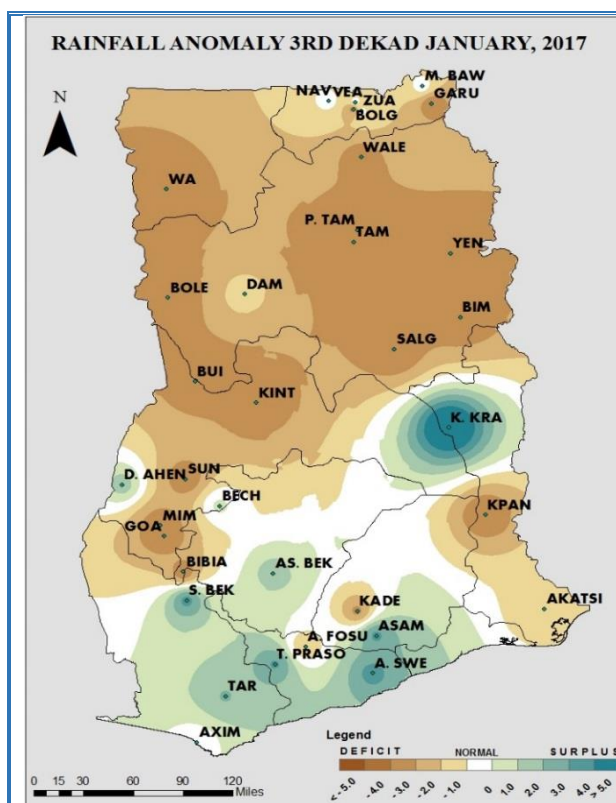


FIG. 1: 3rd DEKAD JANUARY, 2017 RAINFALL ANOMALIES OVER THE WHOLE COUNTRY.

The rainfall anomaly during the 3rd dekad is shown in *Fig 1* and it indicates that surplus rainfall anomalies were recorded mostly in the southern part of the country including Kete-Krachi, Dormaa Ahenkro etc. Other areas such as Assin Fosu, Kade and Kpando including the transitional through to the Northern part of the country recorded deficit rainfall anomalies. Other parts of the country remained normal.

1.2 Rainfall Amount

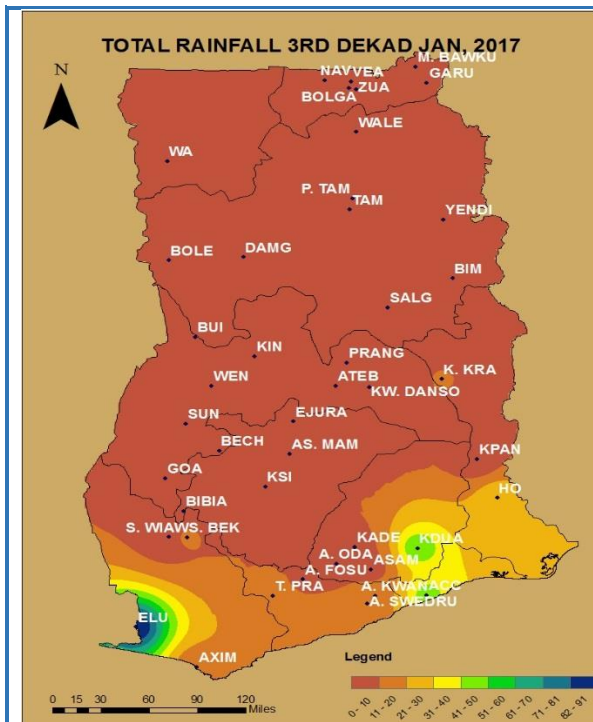


FIG. 2: 3rd DEKAD JANUARY, 2017 TOTAL RAINFALL AMOUNT OVER THE WHOLE COUNTRY.

The rainfall received across the country is shown in *Fig 2* and reveals most parts of the country recored below 20mm of rain. However areas such as Kete-Krachi, Sefwi Bekwai, Ho, Twifo Praso, Agona Swedru, Kwanyarko and Axim recorded between 11mm to 40mm of rainfall. Station at Koforidua and Accra received between 41mm to 60mm of rainfall while Elubo recorded rainfall above 90mm in 4 rainy days.

1.3 Number of Rainy Days

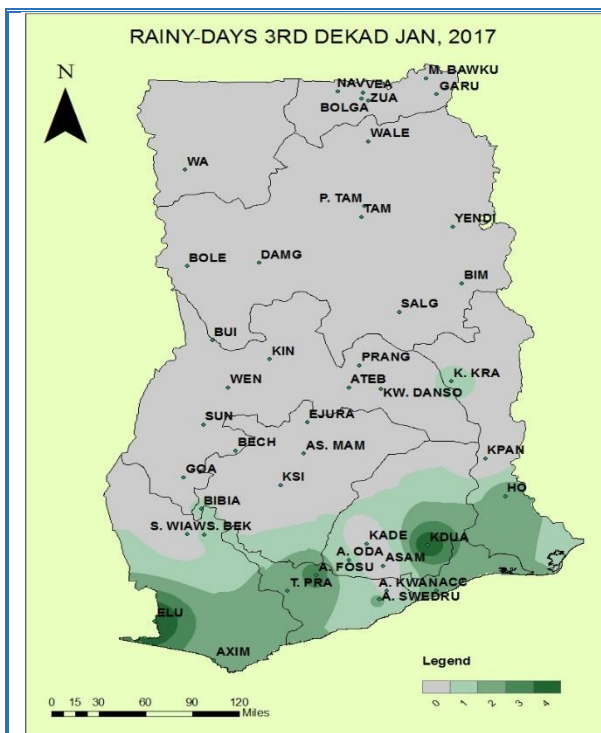
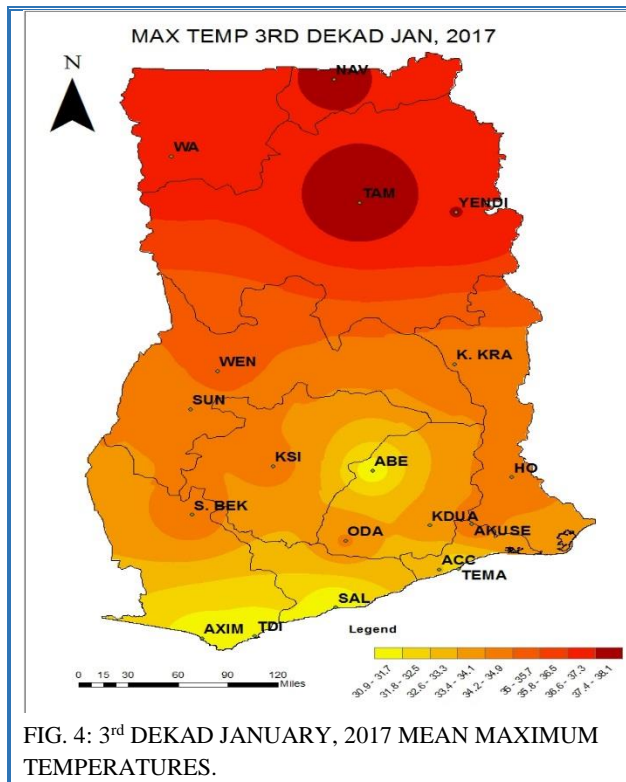


FIG. 3: 3rd DEKAD JANUARY, 2017 NUMBER OF RAINY DAYS OVER THE WHOLE COUNTRY.

The distribution of rainfall across the country is shown in *Fig 4* and reveals most parts of the country received no rain. The Southern part of the country including Kete-Krachi, Bibiani and Sefwi Bekwai had 1 or more rainy days. Ho, Twifo Praso, Accra, Agona Swedru and Axim experienced 2 rainy days. Station at Assin Fosu received 3 rainy days whiles Koforidua and Elubo experienced 4 rainy days.

2.0 TEMPERATURE TRENDS

2.1 MEAN MAXIMUM TEMPERATURE



Mean maximum temperatures are shown in Fig. 4 and reveals Saltpond recording the lowest maximum temperature of 30.9 °C while Tamale recording the highest maximum temperature of 38.2 °C.

2.2 MEAN MINIMUM TEMPERATURE

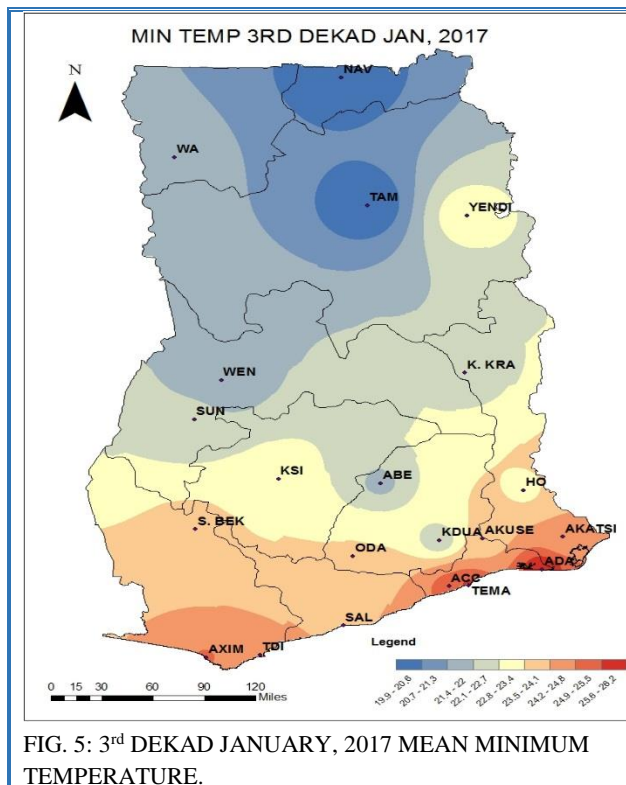


Fig. 5 shows the mean minimum temperature. Tamale recorded the lowest minimum temperature of 19.9 °C while Ada recorded the highest with a minimum temperature of 26.2 °C.

