REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY

STATE DEPARTMENT FOR ENVIRONMENT AND CLIMATE CHANGE

KENYA METEOROLOGICAL DEPARTMENT

KMD 10 DAY AGROMETEOROLOGICAL BULLETIN

Ref: MET/8 /001/1 Issue No: 06/2026

Date: 03/03/2026

DEKAD 06 PERIOD: 21ST – 28TH FEBRUARY 2026.

1.0 HIGHLIGHTS

Rainfall is expected to continue across several regions with isolated heavy downpours in some areas. With continued rainfall expected across many parts of the country, soil moisture levels are likely to improve significantly, although conditions will vary by region.

Farmers are advised to take advantage of the rains while minimizing risks associated with excess moisture. Farmers are advised to take advantage of consistent rains to complete land preparation and planting, use certified and early-maturing seed varieties, especially in marginal and ASAL areas and practice timely planting to ensure crops utilize available moisture effectively.

Temperatures are expected to vary across the country depending on altitude and cloud cover.

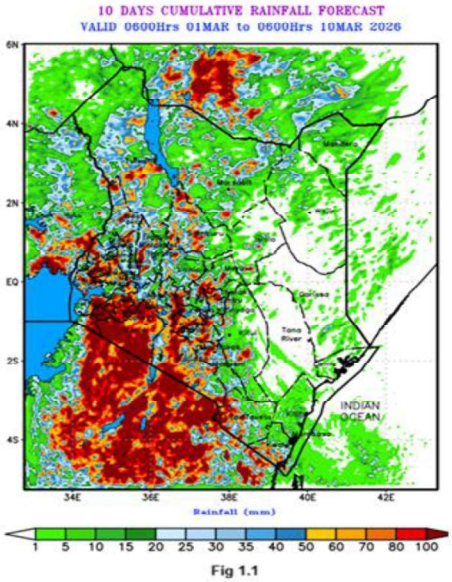

Fig 1.1

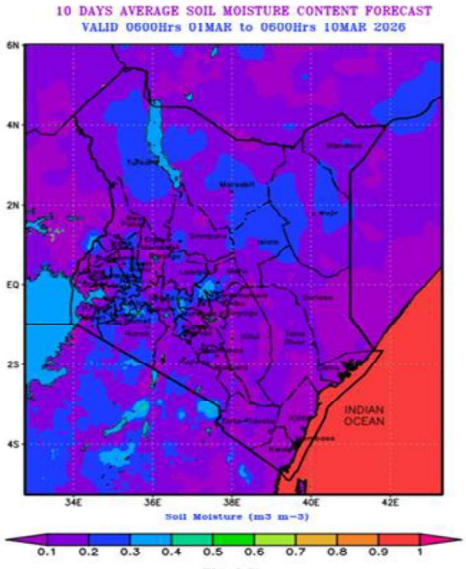

Fig 1.2

1.1 General Advisory:

Farmers and pastoralists are encouraged to stay in touch with their nearest agricultural and livestock extension officers for localized advice and updates. They are also advised to use available early warning platforms and weather applications.

2.0 EXPECTED WEATHER, SOIL AND CROP CONDITIONS DURING THE NEXT TEN (10) DAYS 1ST – 10TH M A R C H 2026.

2.1 Western, Nyanza, and Rift Valley:

Morning rains are likely to occur over few places. Afternoon showers and thunderstorms expected over several places. Farmers to ensure proper drainage in farms to prevent water-logging and continue with timely planting and weeding where rainfall is adequate

2.2 Central Region & Nairobi:

Morning rains are likely to occur over few places. Afternoon showers and thunderstorms expected over several places. Farmers to continue planting and carry out timely weeding to reduce competition for nutrients and moisture.

2.3 North Western Region:

Morning rains as well as afternoon and night showers and thunderstorms are likely to occur over few places occasionally spreading to several places. Farmers to utilize available rainfall to plant drought-tolerant and early maturing crop varieties and practice soil and water conservation measures such as tied ridges and contour farming.

2.4 North Eastern Region:

Morning rains as well as afternoon and night showers and thunderstorms are likely to occur over few places occasionally spreading to several places. Farmers to prioritize drought-tolerant crops and also practice moisture conservation techniques such as mulching and minimum tillage.

2.5 South-Eastern Lowlands:

Morning rains are likely to occur over few places. Afternoon and night showers and thunderstorms expected over few places occasionally spreading to several places. Farmers plant early maturing and drought-resistant crop varieties.

2.6 Coastal Counties:

Morning, afternoon and night showers are likely to occur over few places. Farmers to take advantage of available moisture for planting cassava, green grams, cow-peas, and vegetables.

3.0 SUMMARY OF RAINFALL, SOIL MOISTURE AND TEMPERATURE DURING THE LAST TEN (10) DAYS

21ST – 28TH FEBRUARY 2026.

Precipitation: Most parts of the country experienced normal to above-normal rainfall during the period under review, with cumulative rainfall totals exceeding the long-term dekadal mean. However, the North Eastern region recorded below-normal rainfall amounts (fig 3.1& fig 3.2)

Rainfall Recorded: The highest rainfall amount was recorded at Dagoretti corner station in the Nairobi region with 179.2 mm, followed by Kitui station in South Eastern Region which recorded 169.7 mm

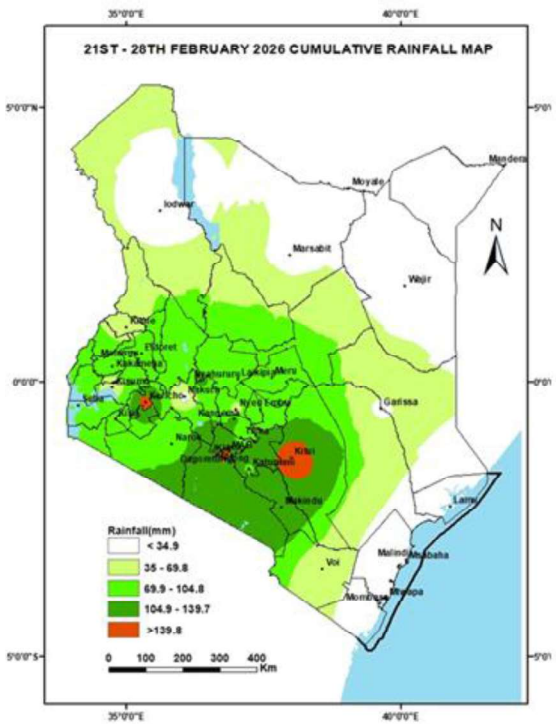

Fig 3.1

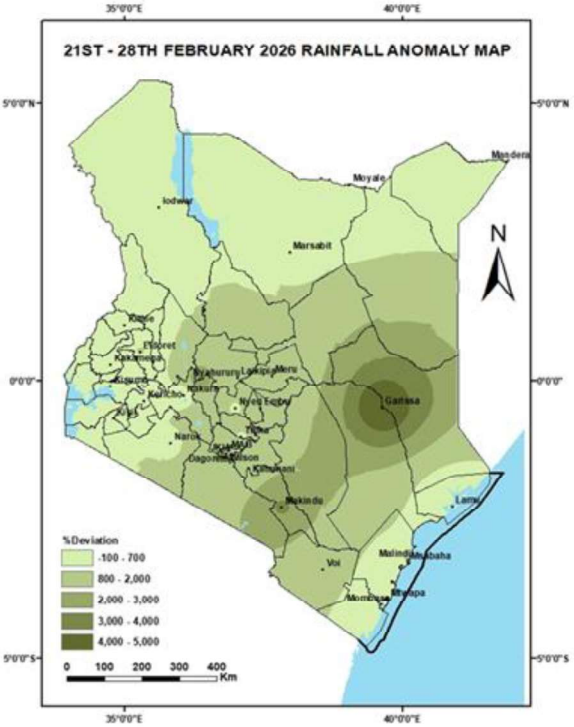

Fig 3.2

Soil Moisture: Soil moisture conditions improved significantly across most parts of the country following the normal to above-normal rainfall received during the period under review. The improved soil moisture conditions will support crop growth, enhanced germination rates, and boost pasture regeneration in key agricultural areas(fig 3.3 & fig 3.4)

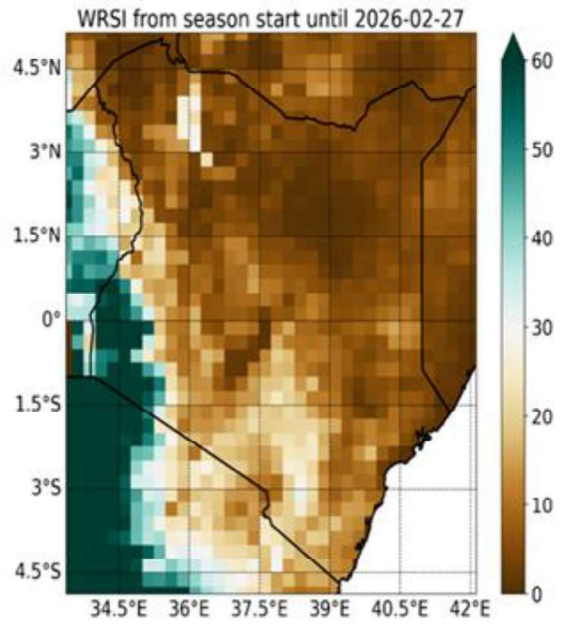

Fig 3.3

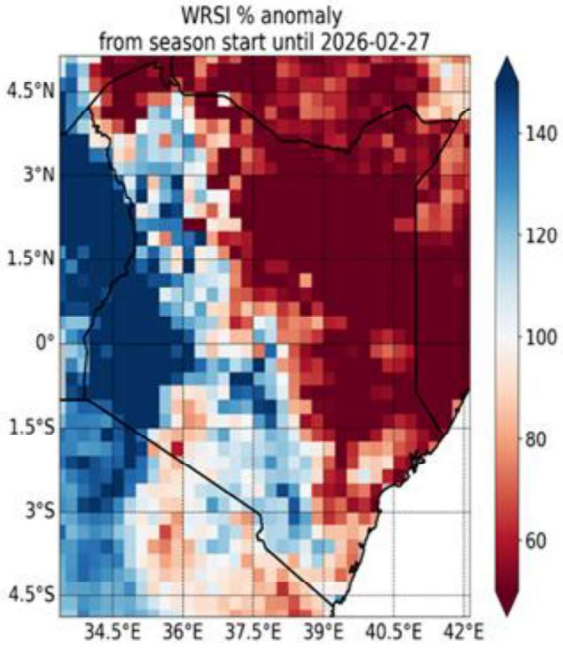

Fig 3.4

Temperature Trends: Mean air temperatures decreased across most parts of the country during the review period, with a slight deviation from the long-term climatological averages observed. (fig 3.5 & fig 3.6)

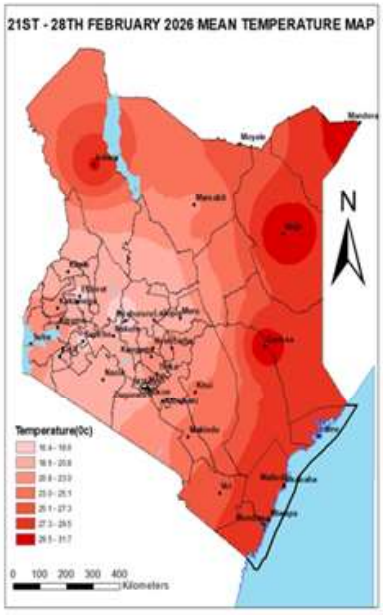

Fig 3.5

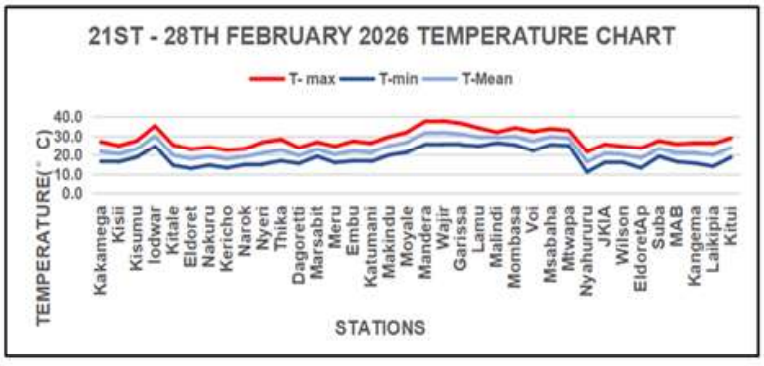

Fig 3.6

Evaporation: Evaporation rates during the period under review were generally moderate to high across the country.

4.0 REGIONAL WEATHER AND AGRICULTURAL CONDITIONS

4.1 Western and Nyanza Regions

Most stations within the region received above normal rainfall compared to the LTM during the dekad.

Kakamega: Recorded 76.6 mm of rainfall during the dekad, mean air temperature slightly decreased to 21.7°C. Land preparations and planting is ongoing.

Kisii: Received 92.3 mm of rainfall. Temperature decreased to 20. 6°C.Land preparation is ongoing.

4.2 Rift Valley Region

Most stations in the region reported above normal rainfall compared to the LTM of the dekad.

Kericho: Recorded 152.9 mm of rainfall; temperature slightly decreased from19.1°C to 17.9°C. some crops are at emergence stage while some farmers are still planting.

Kitale: Recorded 39.6 mm of rainfall during the dekad; mean air temperature reduced from 20.7°C to 19.9. Land preparations are still ongoing.

Eldoret: Recorded 101.0 mm of rainfall; mean air temperature slightly decreased to 18.0°C.

4.3 Central and Nairobi Regions

Several stations within the regions recorded above normal rainfall compared to the Long-Term Average.

Thika: Recorded 81.4mm of rainfall; mean air temperature slightly decreased to 22.5 from 23. 5°C.Land preparation is ongoing.

Dagoretti: Recorded 179.2 of rainfall, and mean air temperature slightly decreased to 19.7°C. Planting has started.

Kabete: Recorded 92.0mm of rainfall**;** Land preparation is ongoing.

Nyeri: Recorded 53.7 mm of rainfall; Mean air temperature slightly increased to 21.0°C from 20.2 the previous dekad. Land preparation is ongoing.

4.4 Eastern Region

Most stations reported above normal rainfall in the region.

Meru: Recorded 90.2 mm of rainfall, mean temperature slightly increased to 20.3 from 19.4°C. land preparation ongoing.

Embu: Recorded 76.5 mm of rainfall; Mean air temperature remained at 22.1°C. Land preparation is ongoing.

Katumani: Recorded 99.6mm of rainfall; the mean air temperature slightly decreased to 21.4°C. Planting has started.

4.5 Coastal Region

Most stations in the region recorded slightly normal to below normal rainfall compared to the LTM.

Mtwapa: Recorded 8.2mm of rainfall; mean temperature slightly increased to 28,8 °C from 27.8°C. Mango harvesting is almost over and farm preparations are ongoing.

Msabaha: recorded 4.3mm of rainfall, mean air temperature slightly increased to 29.5°C from 27.9°C. Land preparation is ongoing.

4.6 North Eastern Region

Most Stations in the region reported below normal rainfall during the dekad.

Garissa experienced decrease in air temperature recording 30.9 from 31.0°C.

Mandera experienced a slight increase in mean temperature to 31.6 from 31.3°C. Scattered cloud cover dominated the region.

Paul Oloo

For: Ag. Director Meteorological Services

For inquiries or any clarification, please use the email below

E-mail: agrometkenya@gmail.com