



MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY

STATE DEPARTMENT FOR ENVIRONMENT AND CLIMATE CHANGE

KENYA METEOROLOGICAL DEPARTMENT

KMD 10 DAY AGROMETEOROLOGICAL BULLETIN



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DEKAD 02 PERIOD: 11TH – 20TH JANUARY 2026.

1.0 HIGHLIGHTS

Precipitation: Most parts of the country experienced below normal rainfall during the period under review, with cumulative totals below the long-term dekadal mean. (fig 1.1)

Rainfall Recorded: Kakamega in Rift valley region recorded the highest rainfall of 32.1 mm followed by Kericho station in Rift valley region with 19.6 mm.

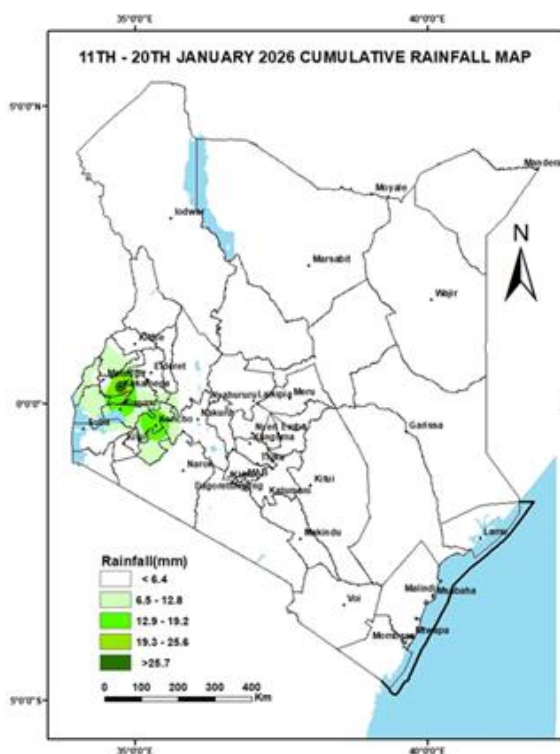


Fig 1.1

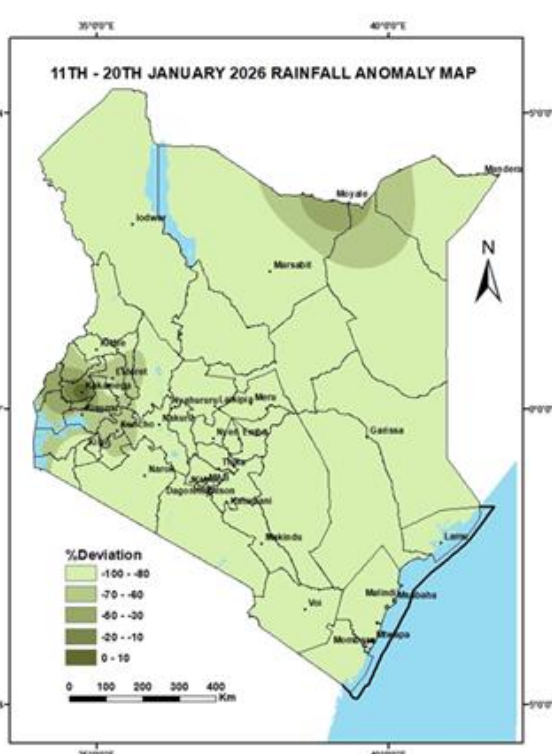
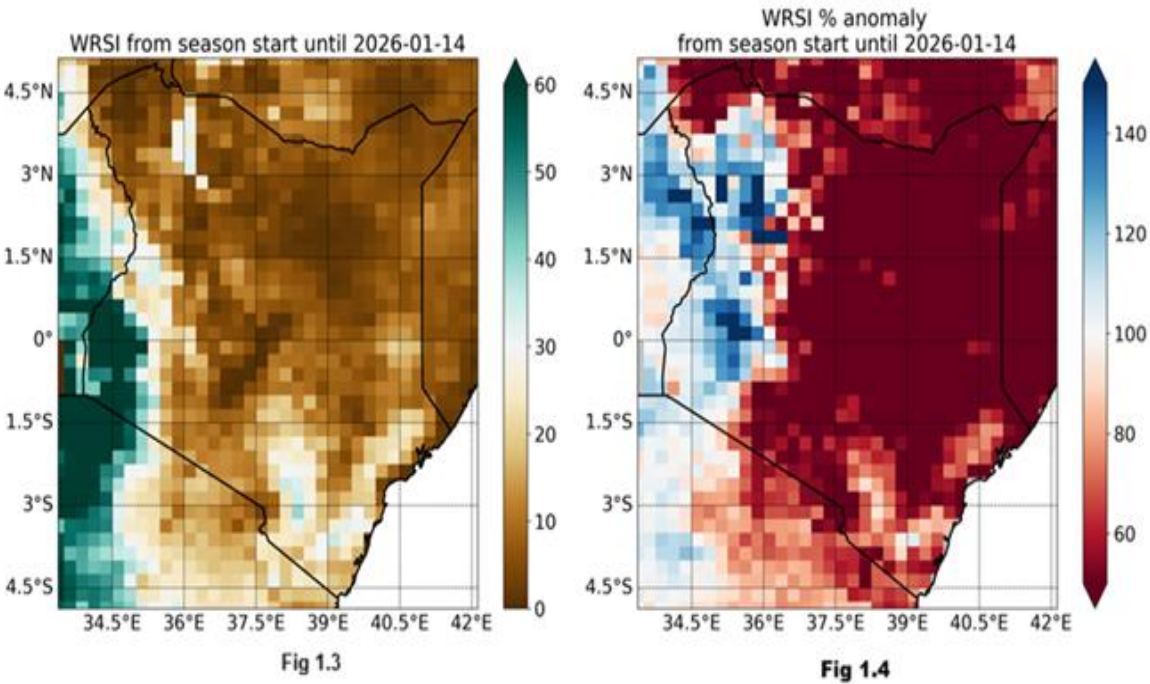
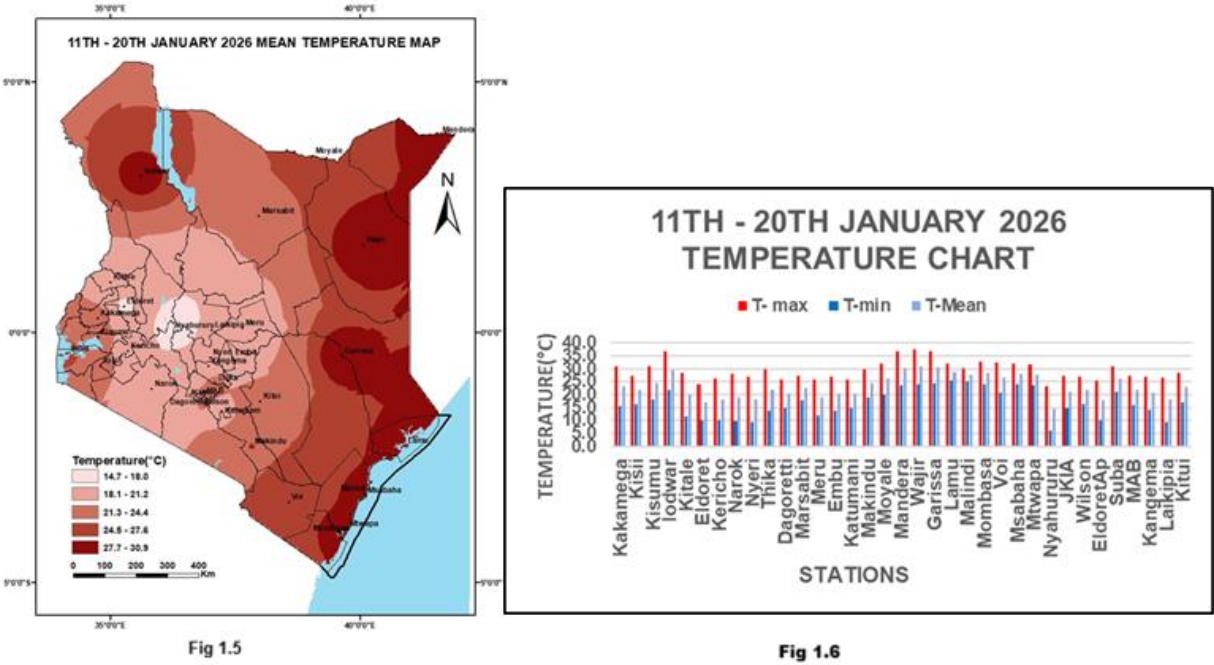


Fig 1.2

Soil Moisture: Soil moisture levels remain low due to continuous dry spell, thereby impacting negatively on agricultural activities. (fig 1.3)



Temperature Trends: A slight decrease in mean air temperature was observed across most parts of the country during the review period. (fig 1.5 & 1.6)



Evaporation: Total pan evaporation rates have increased significantly across several parts of the country, indicating higher moisture loss.

2.0 REGIONAL WEATHER AND AGRICULTURAL CONDITIONS

2.1 Western and Nyanza Regions

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

Kakamega: Recorded 32.1mm of rainfall during the dekad, mean air temperature slightly increased to 23.3°C. Crops are not doing well.

Kisii: Received 0.2 mm of rainfall. Temperature slightly decreased to 22.0°C. Crops are doing well.

2.2 Rift Valley Region

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

Kericho: Recorded 19.6 mm of rainfall; temperature slightly decreased from 18.7°C to 18.2°C. Land preparations on going.

Kitale: No rainfall recorded during the dekad; mean air temperature slightly increased to 19.9°C. Beans harvesting is complete.

Eldoret: Recorded 6.6mm of rainfall; mean temperature slightly decreased to 17.2°C.

2.3 Central and Nairobi Regions

Most stations within the regions recorded below normal rainfall compared to the Long-Term Average.

Thika: Recorded 4.2mm of rainfall; mean air temperature slightly increased to 21.8°C. Crops are stunted due to water stress.

Dagoretti: No rainfall Received, and mean air temperature slightly increased to 20.6°C. Crops performance has been poor.

Kabete: No rainfall recorded; Crops are stressed due to prolonged dry conditions.

Nyeri: No rainfall recorded. Mean temperature slightly decreased to 18.3°C. The maize crop has been affected by stalk borers, while beans are at the maturity stage and harvesting ongoing. Poor yields are expected due to moisture stress.

2.4 Eastern Region

Most stations reported below normal rainfall in the region. Scattered clouds cover dominated during the dekad.

Meru: No rainfall recorded, mean temperature slightly increased to 18.8°C. Crops are not doing well.

Embu: No rainfall recorded; temperature slightly increased to 20.4°C. Crops are stressed due to long dry spell.

Katamani: No rainfall recorded; the mean air temperature was 20.5°C, leading to poor crop performance

2.5 Coastal Region

Most stations in the region recorded below normal rainfall compared to the LTM. **Mtwapa:** Received no rainfall; mean temperature slightly decreased to 27.6°C. Crops have been affected by the heat. **Msabaha:** No rainfall recorded, mean air temperature slightly decreased to 28.2°C. Most crops are wilting due to insufficient rainfall.

2.6 North Eastern Region

Most Stations in the region reported below normal rainfall during the review period.

The region experienced a slight decrease in mean air temperatures ranging between 26.1°C in Moyale to 30.7°C in Garissa. Scattered cloud cover dominated the region.

3.0 EXPECTED WEATHER, SOIL AND CROP CONDITIONS DURING THE NEXT TEN (10) DAYS 21ST – 31ST JANUARY 2026.

Forecast (Next 10 Days): Sunny and dry conditions are expected to prevail over most parts of the country throughout the dekad. Isolated and occasional rainfall may occur in the Highlands east and west of the Rift Valley, the Lake Victoria Basin, the Coastal region, and the south-eastern lowlands.

Western, Nyanza, and Rift Valley: Sunny intervals are expected in the mornings. Occasional afternoon showers are likely to occur over few places. Nights will be partly cloudy, with isolated showers in some areas.

Farmers are advised to start land preparation during the anticipated sunny conditions additionally those with preexisting crops to conserve available soil moisture through practices such as mulching, minimum tillage, and timely weeding to reduce moisture loss.

3.1 Central Region & Nairobi: Sunny intervals in the morning and occasional afternoon showers expected during the forest period.

Soil and water conservation measures such as mulching, terracing, and contour farming should be strengthened to retain available moisture.

3.2 North Western Region: Daytime will have sunny intervals, while nights are expected to be partly cloudy. Livestock should be provided with sufficient water and shelter during warm daytime hours. Overgrazing should be avoided to protect pasture regeneration and reduce land degradation

3.3 North Eastern Region: Sunny intervals are expected during the day, with partly cloudy conditions at night
Livestock should be provided with sufficient water and shelter during warm daytime hours.

3.4 South-Eastern Lowlands: The region is expected to receive below normal rainfall.

Fodder conservation using crop residues and hay should be enhanced to cushion livestock against prolonged dry conditions.

3.5 Coastal Counties: The region is expected to experience below normal rainfall.

The region is expected to experience below-normal rainfall. Farmers are advised to conserve soil moisture through mulching and minimum tillage

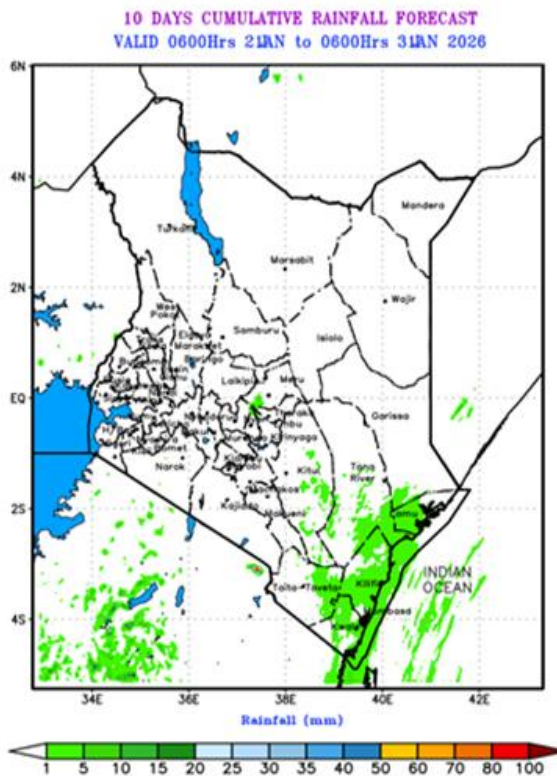


Fig 3.1

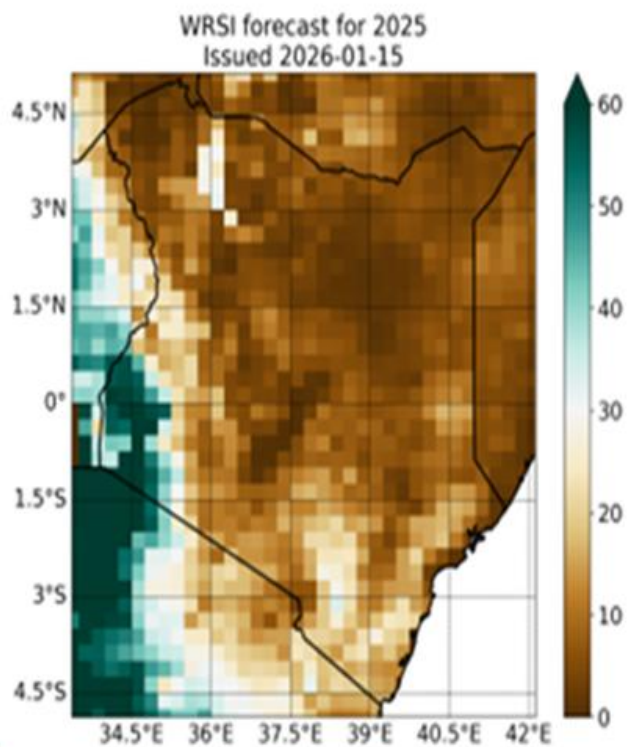


Fig 3.2

4.0 AGRO-ADVISORY FOR FARMERS AND PASTORALISTS.

Farmers:

- ❖ Supplementary irrigation, where available, is recommended for high-value crops such as vegetables and horticultural produce.
- ❖ Timely weeding is recommended to reduce competition for limited soil moisture.
- ❖ Soil moisture conservation practices such as mulching and timely weeding should be emphasized to reduce evapotranspiration losses.

Pastoralists:

- ❖ Livestock keepers are advised to manage pasture and water resources carefully, including controlled grazing and water harvesting, to minimize stress on animals.
- ❖ Livestock keepers are encouraged to harvest and store fodder, and ensure reliable water sources for animals.

General Advisory:

Farmers and pastoralists are encouraged to stay in touch with their nearest agricultural and livestock extension officers for localized advice and updates. Use early warning platforms and weather apps where available



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For inquiries or any clarification, please use the email below

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