



## KMD 10 DAY AGROMETEOROLOGICAL BULLETIN



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**DEKAD 03 PERIOD: 21<sup>ST</sup> – 31<sup>ST</sup> 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& fig 1.2)

**Rainfall Recorded:** Kisii station in Nyanza region recorded the highest rainfall of 19.1 mm followed by Matungu station in Western region with 13.7 mm.

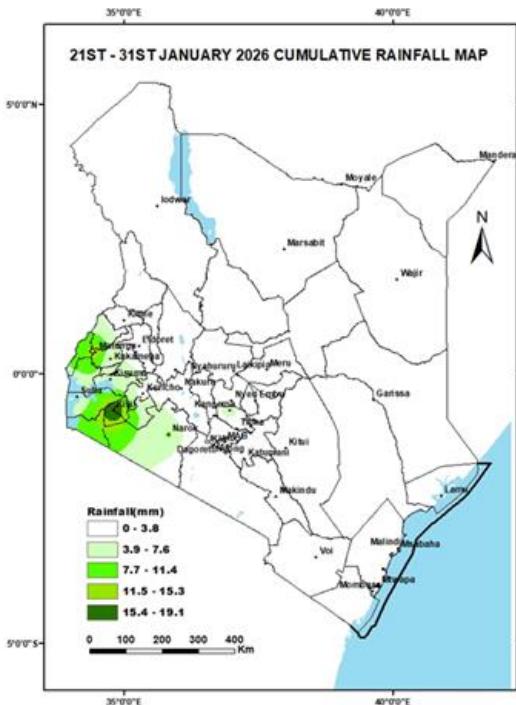


Fig 1.1

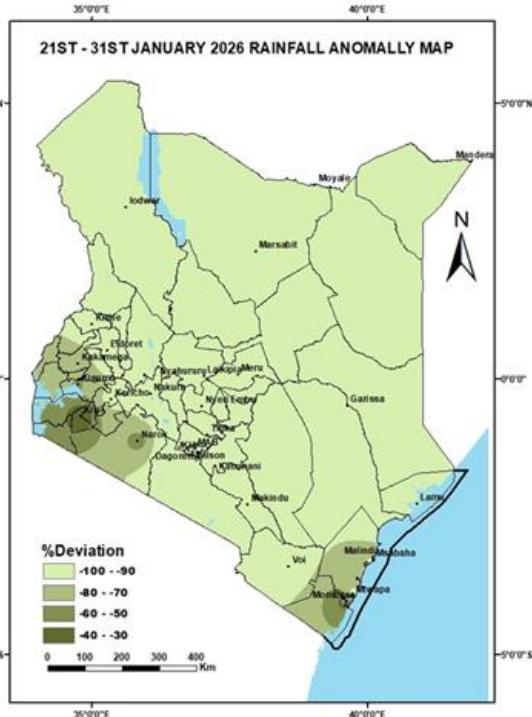


Fig 1.2

**Soil Moisture:** Soil moisture levels remain low due to continuous dry spell, thereby impacting negatively on agricultural activities and pasture growth. (fig 1.3& fig 1.4)

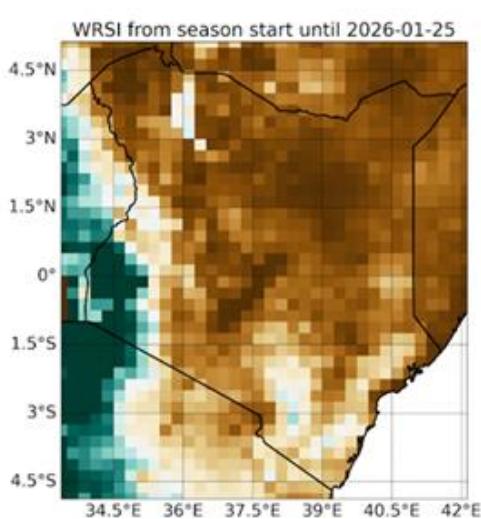


Fig 1.3

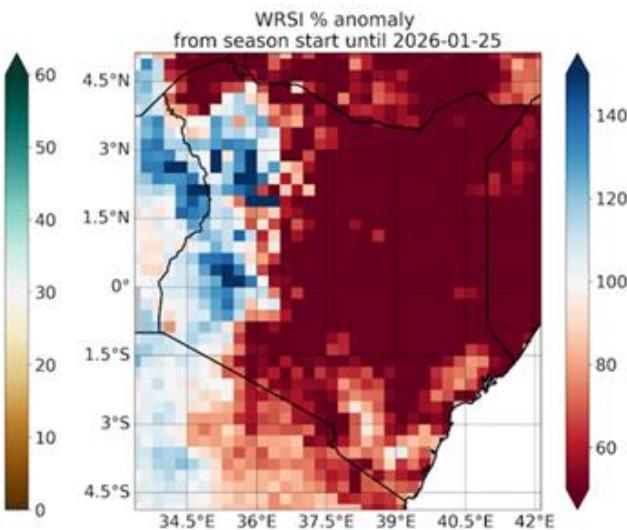


Fig 1.4

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

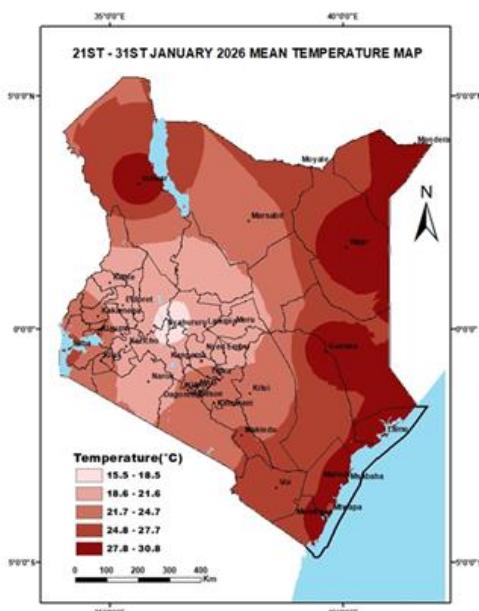


Fig 1.5

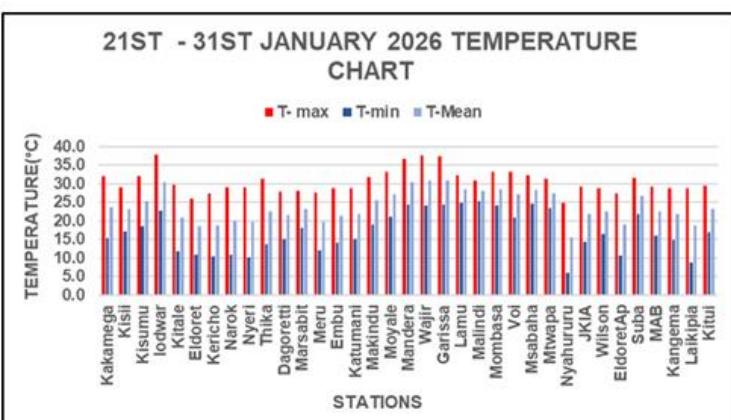


Fig 1.6

**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 5.2mm of rainfall during the dekad, mean air temperature slightly increased to 23.6°C. Harvesting of maize has been completed, below normal yield was expected.

**Kisii:** Received 19.1 mm of rainfall. Temperature slightly increased to 23. 1°C. Harvesting is ongoing in most parts of the county.

### 2.2 Rift Valley Region

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

**Kericho:** Recorded 3.0 mm of rainfall; temperature slightly increased from 18. 7 °C to 18. 9°C. Land preparations on going.

**Kitale:** Recorded 0.4 mm of rainfall during the dekad; mean air temperature slightly increased to 20.8°C. Land preparations are ongoing.

**Eldoret:** No rainfall recorded; mean temperature slightly increased to 18.5°C.

### 2.3 Central and Nairobi Regions

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

**Thika:** No rainfall Received; mean air temperature slightly increased to 22. 5°C. Beans harvesting has been completed, below normal yield experienced.

**Dagoretti:** No rainfall Received, and mean air temperature slightly increased to 21.5°C. Crops performance has been poor due to too much sun.

**Kabete:** No rainfall recorded; Crops are stressed due to prolonged dry conditions below normal yield expected.

**Nyeri:** No rainfall recorded. Mean temperature slightly increased to 19.6°C. The maize crop is post flowering and has been affected by stalk borers, while beans harvesting has been completed in most farms. Below normal yield experienced.

### 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 19.7°C. Maize crop affected by moisture stress.

**Embu:** No rainfall recorded; temperature slightly increased to 21.4°C. Crops are stressed due to long dry spell.

**Katumani:** No rainfall recorded; the mean air temperature increased to 21.9°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 27.4°C. Mango harvesting is ongoing while farms are dormant.

**Msabaha:** No rainfall recorded, mean air temperature slightly increased to 28.4°C. Farms are lying idle.

## **2.6 North Eastern Region**

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

The region experienced a slight increase in mean air temperatures ranging between 30.4°C in Mandera to 30.8°C in Garissa. Few clouds cover dominated the region.

## **3.0 EXPECTED WEATHER, SOIL AND CROP CONDITIONS DURING THE NEXT TEN (10) DAYS 1<sup>ST</sup> – 10<sup>TH</sup> FEBRUARY 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.

### **3.1 Western, Nyanza, and Rift Valley:**

Sunny and dry conditions expected with occasional rainfall likely to occur over few places.

Farmers are advised to continue with land preparation during the anticipated sunny conditions. Delay large-scale planting of rain-fed crops until more consistent rainfall is received.

### **3.2 Central Region & Nairobi:**

Sunny and dry conditions expected, with occasional rainfall over isolated areas.

Farmers should undertake land preparation. Provide adequate water and shade for livestock to minimize heat stress.

### **3.3 North Western Region:**

Predominantly sunny and dry conditions expected.

Ensure reliable water sources for livestock and reduce overgrazing by practicing controlled grazing. Dry conditions may favor pests such as locusts and aphids; farmers should remain vigilant and report outbreaks early.

### **3.4 North Eastern Region:**

Sunny and dry conditions expected. Occasional light rainfall may occur in a few areas.

Farmers should provide adequate water and shelter for livestock and utilize any rainfall for pasture recovery. Farmers are advised to delay planting of rain-fed crops until adequate rainfall is received.

### **3.5 South-Eastern Lowlands:**

Below-normal rainfall expected. Conditions will be mainly sunny and dry with isolated rainfall.

Farmers should enhance fodder conservation using crop residues, hay, or silage to mitigate dry conditions.

### **3.6 Coastal Counties:**

Sunny and dry conditions expected, with isolated rainfall over a few areas.

Ensure adequate drinking water and provide shade to reduce heat stress. Warm and dry conditions may increase pest pressure; regular monitoring and timely control are recommended.

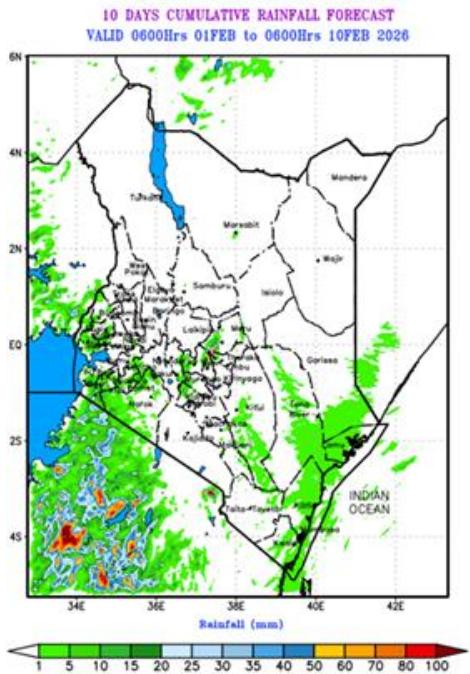


Fig 3.1

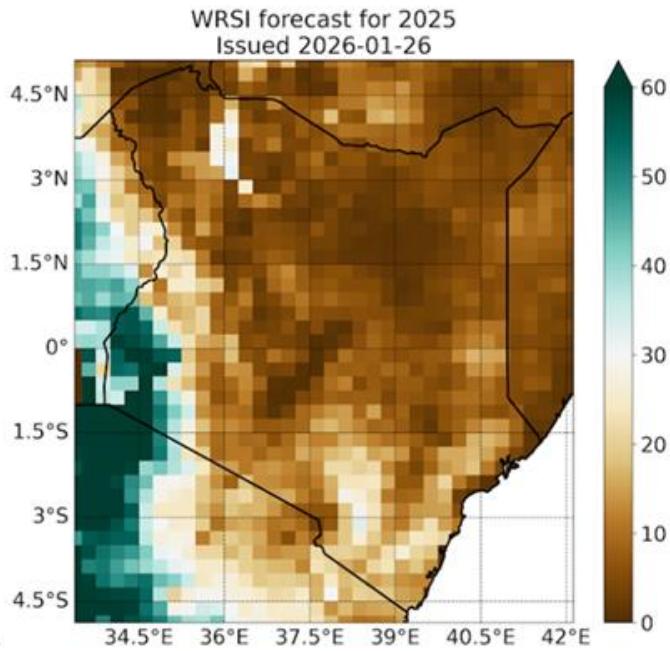


Fig 3.2

## 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.
- ❖ Delay planting of rain-fed crops until consistent rainfall is established. Early-maturing and drought-tolerant varieties are advised.
- ❖ Dry conditions may favor certain pests; farmers should regularly monitor crops and apply appropriate control measures when necessary.

### 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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