



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: 05/2026

Date: 23/02/2026

DEKAD 05 PERIOD: 11<sup>TH</sup> – 20<sup>TH</sup> FEBRUARY 2026.

**1.0 HIGHLIGHTS**

**Precipitation:** The Highlands west and east of the Rift Valley, Lake Victoria region as well as the southern lowlands, experienced above-normal rainfall during the period under review, with cumulative rainfall totals exceeding the long-term dekadal mean. (fig 1.1& fig 1.2)

**Rainfall Recorded:** The highest rainfall amount was recorded at Kakamega station in the Western region with 115.4 mm, followed by Kisii station which recorded 109.1 mm in Nyanza region.

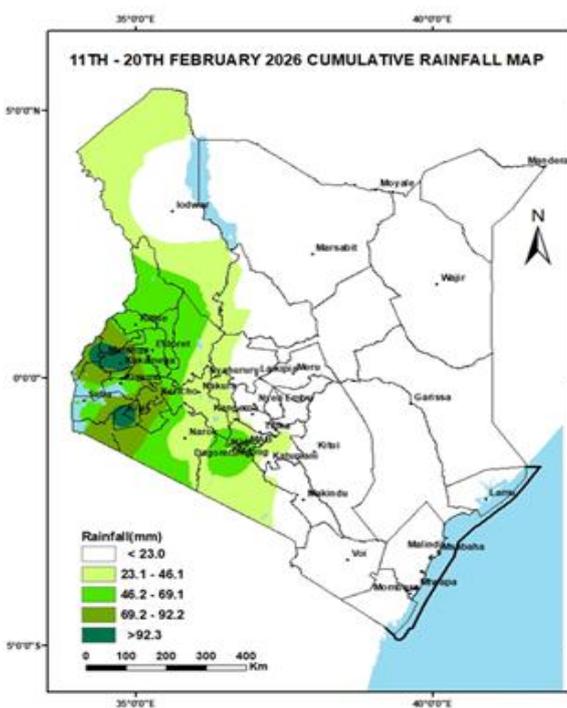


Fig 1.1

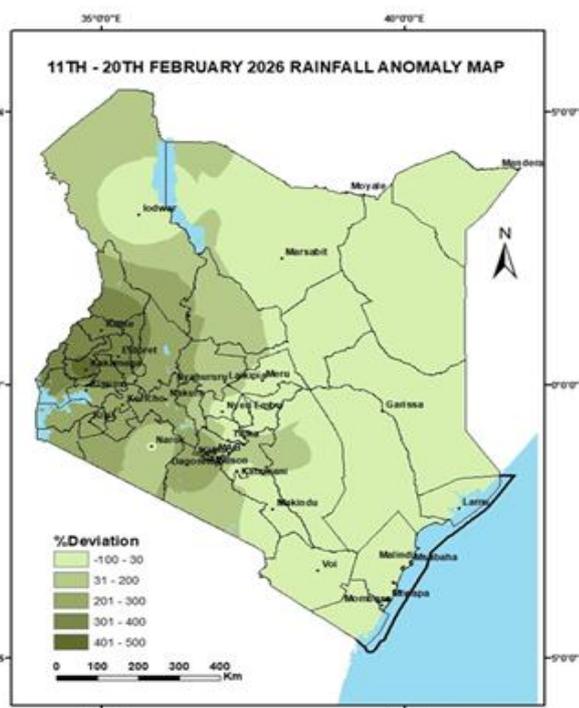


Fig 1.2

**Soil Moisture:** Soil moisture conditions have significantly improved following the rainfall received over several parts of the country, particularly the Highlands west and east of the Rift Valley and the South Eastern lowlands. The enhanced soil moisture status is expected to support crop establishment and growth, improve range-land and pasture conditions, and reduce short-term moisture stress on crops and livestock. (fig 1.3& fig 1.4)

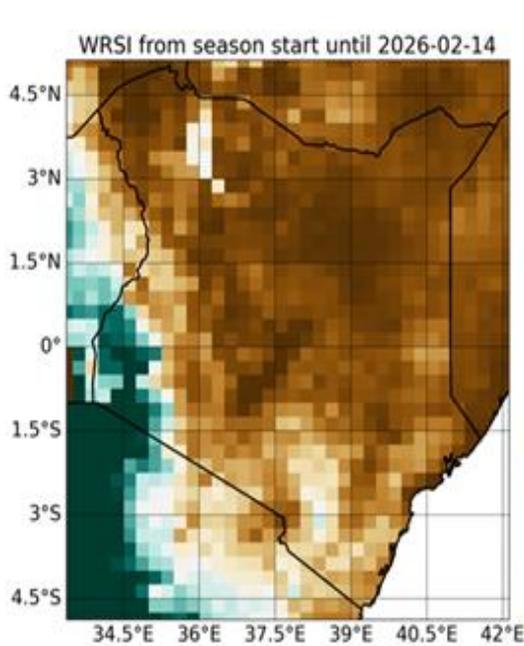


Fig 1.3

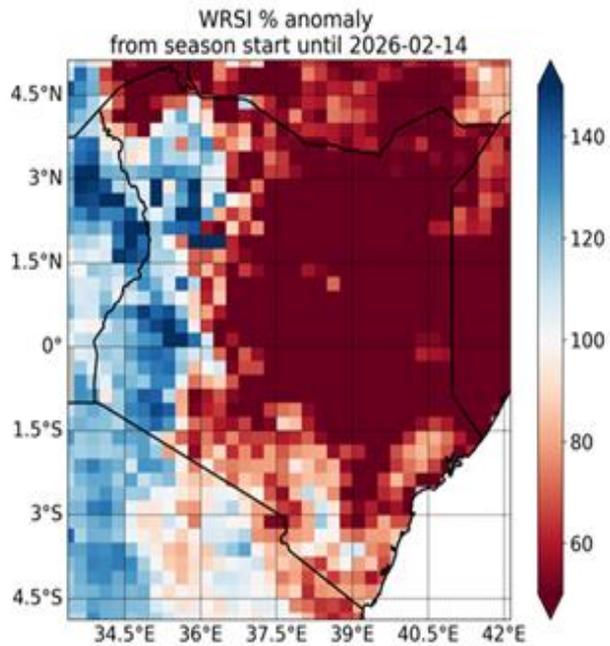


Fig 1.4

**Temperature Trends:** Mean air temperatures remained near-normal across most parts of the country during the review period, with no significant deviations from the long-term climatological averages observed. (fig 1.5 & fig 1.6)

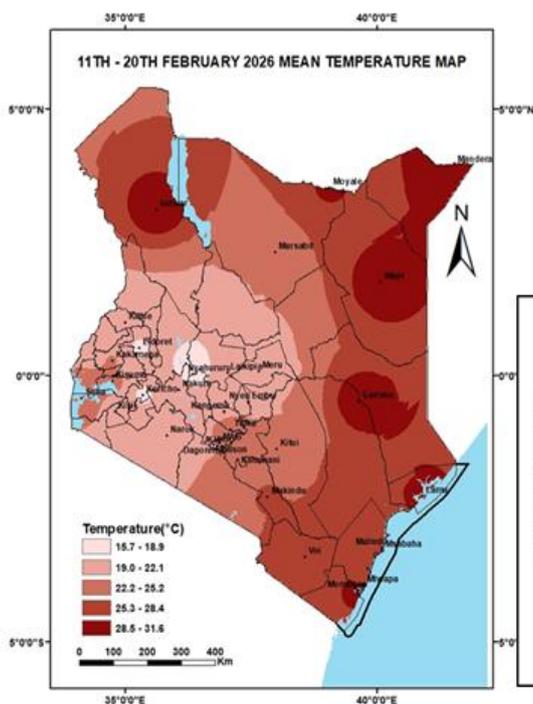


Fig 1.5

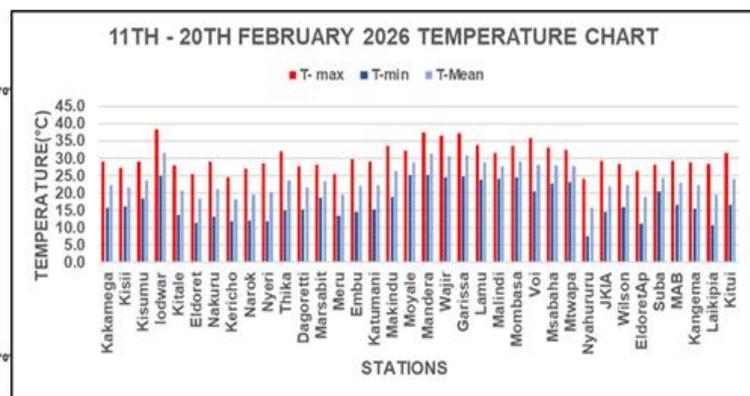


Fig 1.6

**Evaporation:** Evaporation rates remained near-normal to moderately over most parts of the country, largely influenced by the prevailing near-normal air temperatures and intermittent rainfall.

## 2.0 REGIONAL WEATHER AND AGRICULTURAL CONDITIONS

### 2.1 Western and Nyanza Regions

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

**Kakamega:** Recorded 115.4 mm of rainfall during the dekad, mean air temperature slightly decreased to 22.3°C. Land preparations are ongoing.

**Kisii:** Received 109.1 mm of rainfall. Temperature remained at 21.6°C. Harvesting activities have largely been completed across most areas, with land preparation ongoing in anticipation of the next cropping season.

### 2.2 Rift Valley Region

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

**Kericho:** Recorded 79.4 mm of rainfall; temperature slightly decreased from 18.5°C to 18.2°C. Farmers are still preparing their farms in readiness for the next growing season.

**Kitale:** Recorded 54.5 mm of rainfall during the dekad; mean air temperature remained at 20.7°C. Land preparations are still ongoing for the next crop season.

**Eldoret:** Recorded 54.1 mm of rainfall; mean air temperature slightly decreased to 18.3°C.

### 2.3 Central and Nairobi Regions

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

**Thika:** Recorded 2.9mm of rainfall; mean air temperature slightly decreased to 23.5°C. Land preparation is ongoing.

**Dagoretti:** Recorded 92.9 of rainfall, and mean air temperature slightly decreased to 21.5°C. Land preparation is ongoing.

**Kabete:** Recorded 74.4mm of rainfall ; Maize crop has dried up and land preparation is ongoing.

**Nyeri:** Recorded 6.1 mm of rainfall; Mean air temperature slightly decreased to 20.2°C. The maize crop is at post flowering (wax ripeness) and doing well due to occasional rain being experienced in the area.

### 2.4 Eastern Region

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

**Meru:** Recorded 10.9 mm of rainfall, mean temperature slightly decreased to 19.4°C. Maize crop is not doing well.

**Embu:** Recorded 4.1 mm of rainfall; Mean air temperature slightly increased to 22.1°C. Land preparation is ongoing.

**Katamani:** No rainfall recorded; the mean air temperature remained at 22.2°C. Crops have wilted and land preparation is ongoing.

## **2.5 Coastal Region**

Most stations in the region recorded below normal rainfall compared to the LTM. Mtwapa: Recorded no rainfall; mean temperature slightly increased to 27.8°C. Mango harvesting and farm preparations are ongoing. Msabaha: No rainfall recorded, mean air temperature slightly decreased to 27.9°C. Land preparation is ongoing.

## **2.5 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 31.0°C in Garissa to 31.3°C in Mandera. Scattered cloud cover dominated the region.

## **3 EXPECTED WEATHER, SOIL AND CROP CONDITIONS DURING THE NEXT TEN (10) DAYS 21<sup>ST</sup> – 28<sup>TH</sup> FEBRUARY 2026.**

**Forecast (Next 10 Days):** Rainfall is expected to continue in the highlands east and west of the Rift valley, the lake victoria basin, the rift valley as well as parts of the south eastern low lands, the coast and Northwestern Kenya. Isolated heavy rainfall events are likely to occur in these regions.

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

Above-normal rainfall is expected in this region in the next ten days. Enhanced soil moisture conditions are expected to favor crop germination, establishment, and vegetative growth for major crops such as maize, beans, sorghum, and vegetables.

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

Above-normal rainfall is expected in this region. Farmers are advised to continue planting and ensure proper drainage in fields to prevent water logging and root rot.

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

Sunny and dry conditions expected during the day with partly cloudy conditions expected at night. Utilize improved pasture availability but implement tick and worm control measures.

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

Sunny intervals are expected during the day, with partly cloudy conditions at night. Farmers are advised to delay planting of rain-fed crops until adequate rainfall is received.

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

Above-normal rainfall expected in this region. Farmers to take advantage of the improved soil moisture for planting and avoid farming in flood-prone areas and secure farm structures and livestock during heavy rainfall events.

### **3.6 Coastal Counties:**

Sunny intervals are expected during the day, with partly cloudy conditions at night. 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.

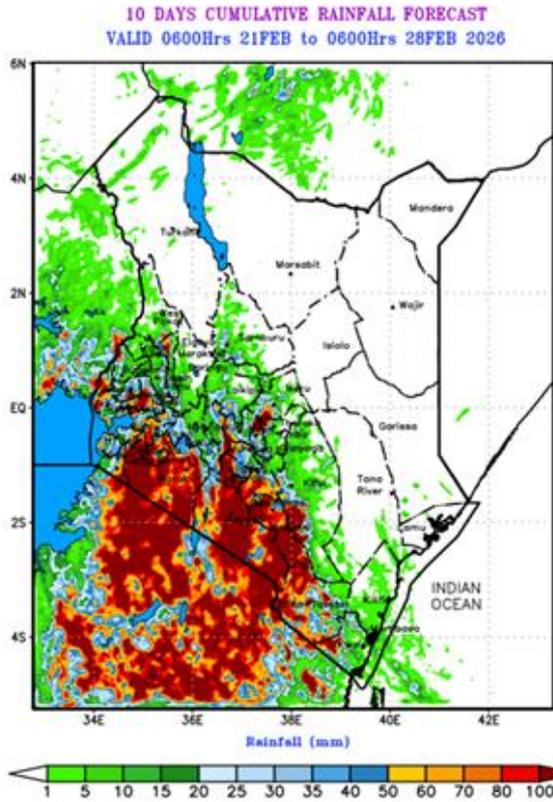


Fig 3.1

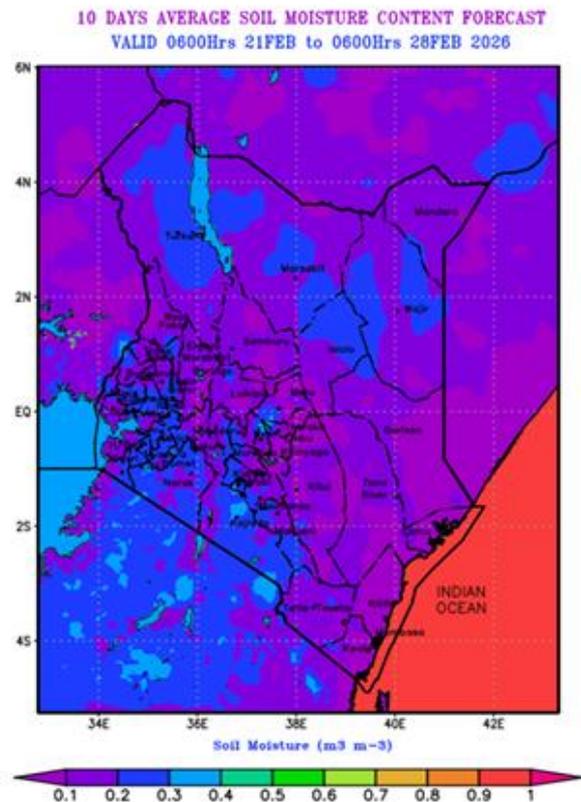


Fig 3.2

#### 4 AGRO-ADVISORY FOR FARMERS AND PASTORALISTS.

##### Farmers:

- ❖ Farmers are advised to continue planting or replanting where soil moisture is adequate.
- ❖ Ensure proper drainage in fields to prevent water logging and root rot.
- ❖ Monitor crops for fungal diseases and pest outbreaks and apply appropriate control measures promptly
- ❖ Farmers in flood-prone areas should secure farm structures, move livestock to higher ground, and avoid farming in riverbanks and flood plains.

##### Pastoralists:

- ❖ Take advantage of improved pasture conditions for grazing but monitor livestock for tick and worm infestations.
- ❖ Ensure livestock have access to clean water and shelter from heavy rains.
- ❖ Increased humidity and wet conditions may elevate the risk of crop fungal diseases and pest outbreaks, as well as livestock parasites.

**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

---



**Paul Oloo**

**For: Ag. Director Meteorological Services**

For inquiries or any clarification, please use the email below

**E-mail: [agrometkenya@gmail.com](mailto:agrometkenya@gmail.com)**