



## KMD 10 DAY AGROMETEOROLOGICAL BULLETIN



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DEKAD 10 PERIOD: 11<sup>th</sup> – 20<sup>th</sup> APRIL 2026.

### 1.0 HIGHLIGHTS

Rainfall is expected to continue decreasing in intensity across most parts of the country and intensify towards the end of the dekad. This reduction will help minimize waterlogging and support improved crop development. The drier conditions will also provide farmers with sufficient time to carry out weeding and fertilizer applications. Pastoralists in the Northeastern region are advised to harvest and store water during this period and remain vigilant for potential pest and disease outbreaks.

### 1.1 Expected Weather conditions in the Next Ten days 11<sup>th</sup> – 21<sup>st</sup> April 2026.

Rainfall is expected in several parts of the country, particularly the highlands East and West of Rift valley, Lake Victoria Basin, Coastal region, Northeastern and Southeastern lowlands region. Most other areas will experience partly cloudy to sunny conditions with occasional light showers. (fig 1)

Several regions will still have enough soil moisture conditions for crop development. (fig 2).

Temperatures will remain high in the lowland areas, while cooler night temperatures are likely in the highland regions. Overall, the period is expected to have generally warm conditions with localized rainfall events.

### 1.2 General Advisory

With rainfall expected to reduce coverage and intensity, but with occasional showers and isolated heavy rainfall in some regions, farmers are advised to adopt conservation agricultural practices during this period like low-tillage and mulching. There will be low risks of flooding and waterlogging, easier to control the spread of certain pests and diseases, and better retention of limited soil moisture

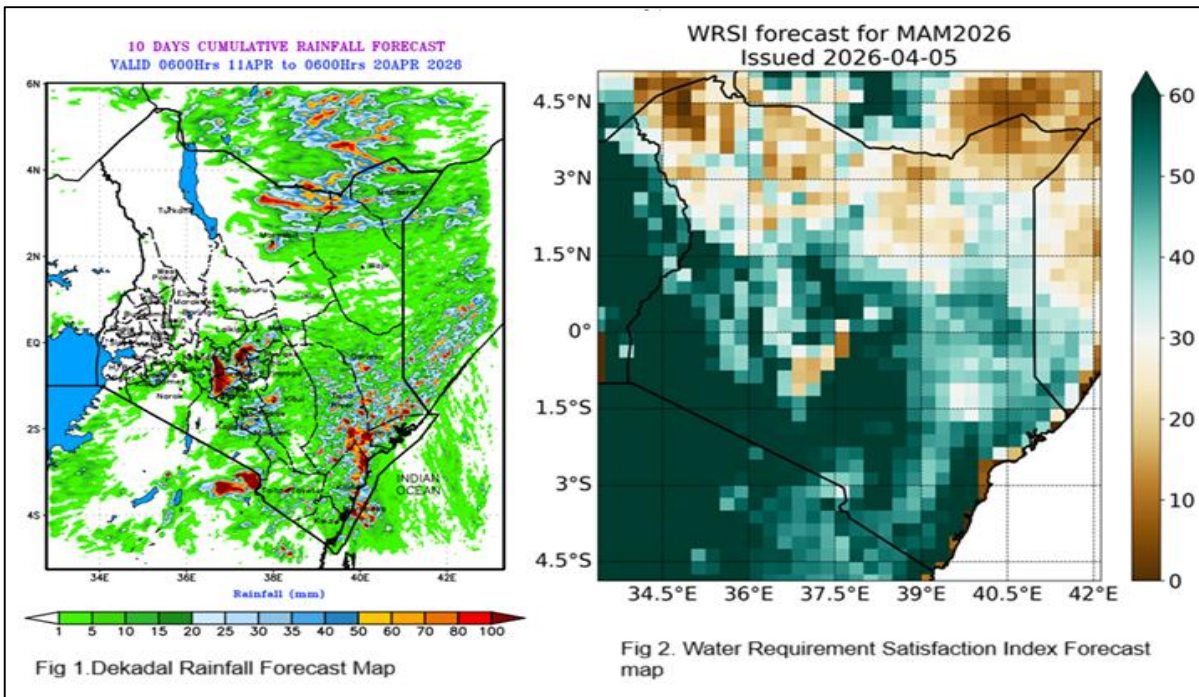
Take advantage of intermittent rainfall to complete weeding, and farmers who are still planting are advised to finalize their planting activities.

In regions expecting isolated heavy rainfall, implement proper drainage systems in fields to avoid waterlogging and crop damage.

Farmers in areas such as the **Southern region** should conserve soil moisture through mulching and timely weeding due to expected high daytime temperatures and reduced rainfall.

Pastoralists are encouraged to re-locate their livestock to areas where water is available should particularly in arid and semi-arid areas which will help tackle heat stress and may improve livestock body conditions.

Farmers are encouraged to harvest rainwater and maintain soil conservation measures to maximize the benefits of the available rainfall.

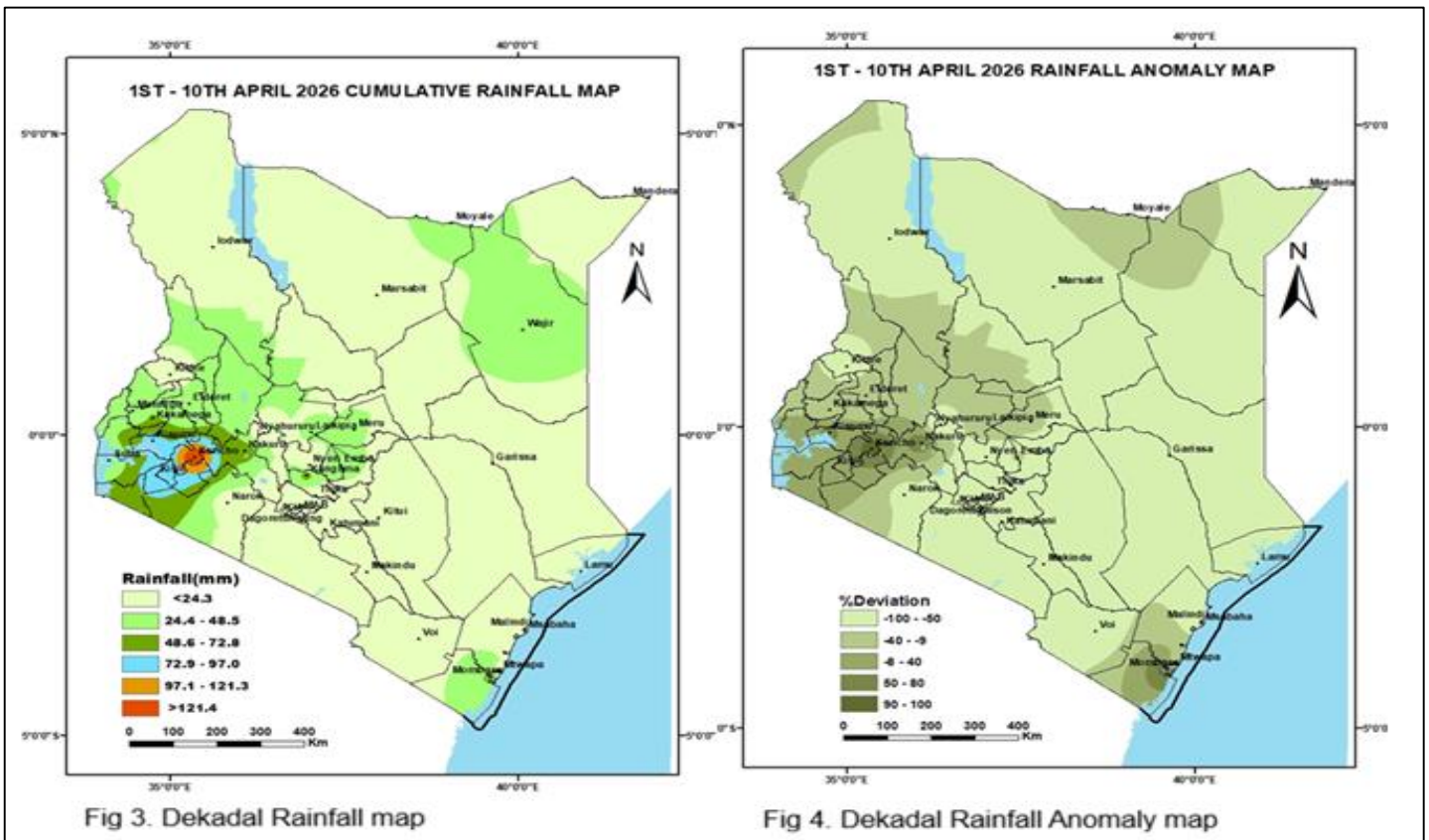


## 2.0 WEATHER, SOIL AND CROP CONDITIONS DURING 1<sup>ST</sup> – 10<sup>TH</sup> APRIL 2026

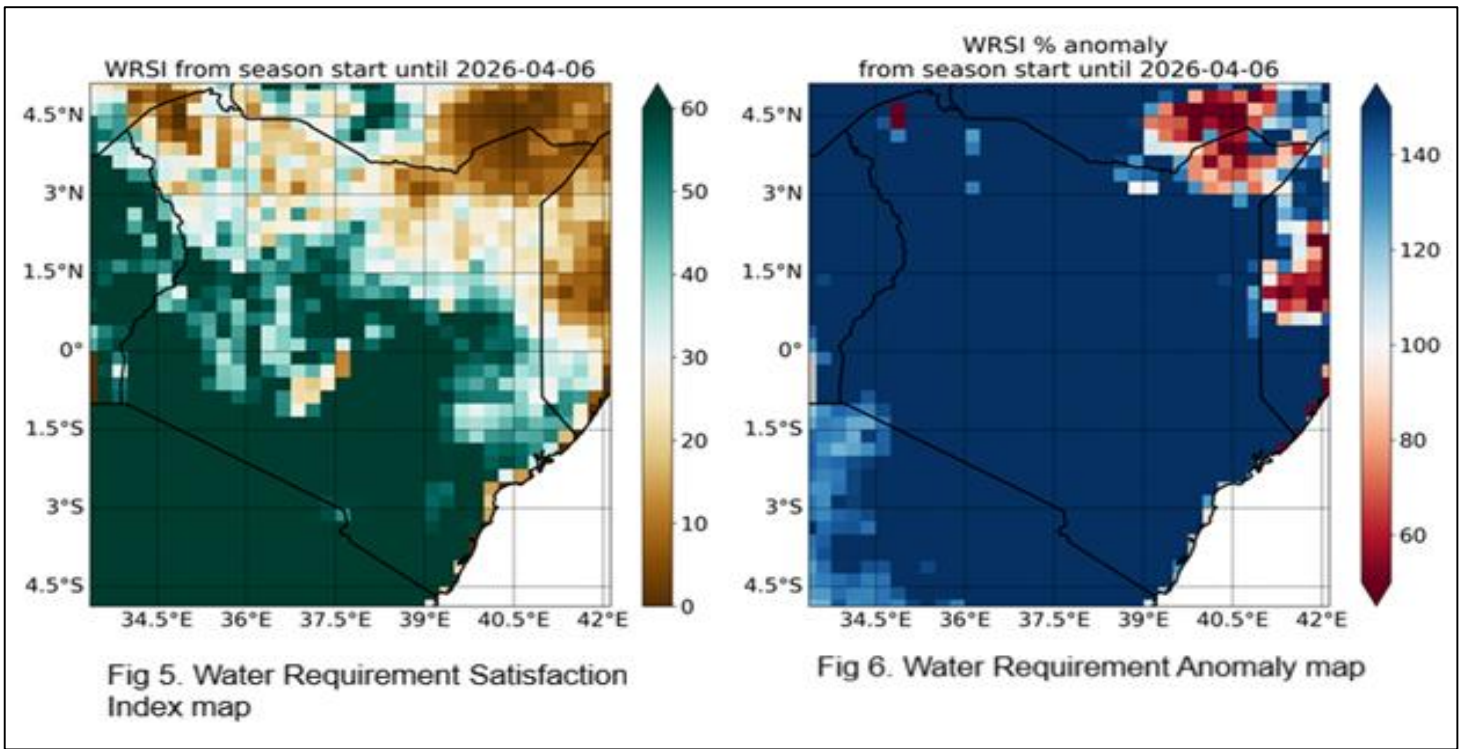
**Precipitation:** Most stations recorded below-average rainfall during the period under review, with cumulative totals below the long-term dekadal mean (Fig. 3 & Fig. 4)

The **highest** amount of rainfall was recorded at Kericho station in the Rift valley region with a total of 145.9 mm.

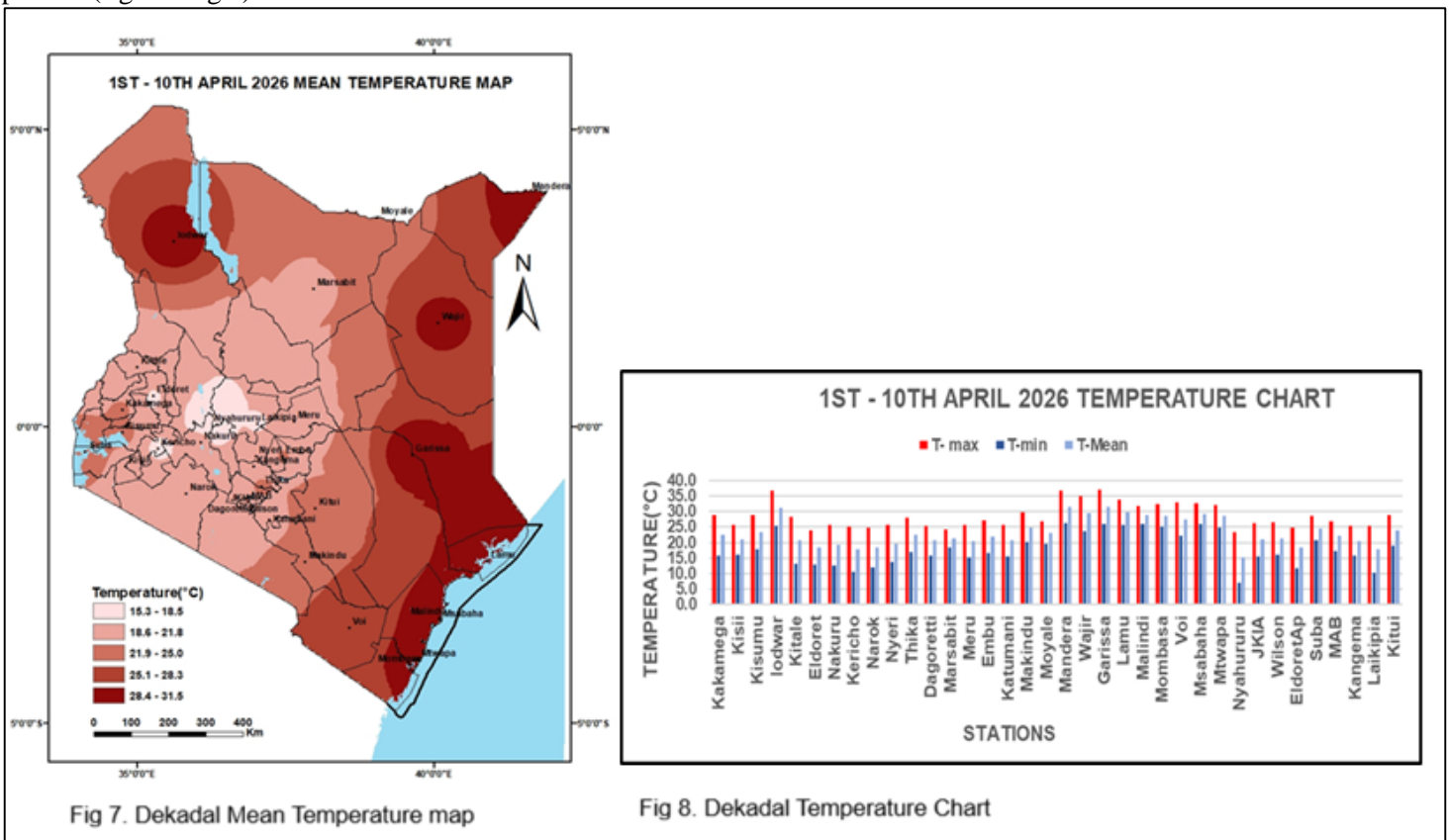
**Cloud Cover:** Most regions experienced broken cloud cover during the period under review.



**Soil Moisture:** Soil moisture conditions reduced due to the subsidence of rainfall amount from the last Dekad, creating favorable conditions for weeding and planting. (Fig. 5 & Fig. 6).



**Temperature Trends:** Mean air temperatures were slightly higher across most parts of the country during the review period. (fig 7 & fig 8)



## REGIONAL WEATHER AND AGRICULTURAL CONDITIONS

### 1. Western and Nyanza Regions

Most stations in the region recorded above-normal rainfall relative to the long-term mean (LTM) during the dekad.

**Kakamega:** Recorded 49.1 mm of rainfall during the dekad, mean air temperature increased slightly from 22.1°C to 22.3°C. Farmers are weeding their crops.

**Kisii:** Received 88.3mm of rainfall. Temperature slightly increased from 20.4°C to 20.9°C crops have germinated and

are doing well due to enhanced rainfall being experienced in the region.

## 2. Rift Valley Region

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

**Kericho:** Recorded 145.9 mm of rainfall; temperature slightly decreased from 18.1°C to 17.7°C. Farmers are weeding, beans are at a flowering stage.

**Kitale:** Recorded 3.5mm of rainfall during the dekad; mean air temperature slightly increased from 20.6°C to 20.7°C. Most farmers have planted; crops are doing well.

**Eldoret:** Recorded 24.4mm of rainfall; mean air temperature slightly increased from 17.3°C to 18.3°C.

## 3. Central and Nairobi Region

Several stations within the region recorded below normal rainfall compared to the Long-Term Average.

**Thika:** Recorded 19.1 mm of rainfall; mean air temperature slightly increased from 22.0°C to 22.5°C. Beans at flowering stage maize is at emergence stage.

**Dagoretti:** Recorded 8.9 mm of rainfall, and mean air temperature slightly increased from 20.1°C to 20.6°C. Beans are at flowering stage.

**Kabete:** Recorded 7.3 mm of rainfall. **Reduced rainfall affected crop emergence.**

**Nyeri:** Recorded 4.2 mm of rainfall; Mean air temperature slightly reduced to 19.6°C. Crops are at post emergence stage, doing well due to good rains.

## 4. Eastern Region

Most stations reported below normal rainfall in the region.

**Meru:** Recorded 25.0 mm of rainfall, mean temperature slightly increased from 20.1°C to 20.5°C. Crops are performing well due to adequate rainfall, farmers are wedding their crops.

**Embu:** Recorded 34.8mm of rainfall; Mean air temperature increased from 21.1°C to 22.0°C. Maize crop has passed 9<sup>th</sup> leaf and is doing well due to sufficient rainfall, bean crop manifest fair growth rate.

**Katumani:** Recorded no amount of rainfall; the mean air temperature slightly increased from 20.2°C to 20.6°C. Crops are at post emergence stage and they are doing well.

## 5. Coastal Region

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

**Mtwapa:** Recorded 16.0 mm of rainfall; Mean temperature slightly increased from 27.9°C to 28.5 °C some farmers have started planting while some are still preparing their lands.

**Msabaha:** recorded 12.6 mm of rainfall, mean air temperature increased from 28.2°C to 29.3°C. Farmers have planted their farms and crops are at emergence stage.

## 6. Northeastern Region

Most stations in the region recorded below-normal rainfall during the period under review. Wajir registered the highest amount of rainfall at 37.4 mm, followed by Marsabit with 3.1 mm and Garissa did not record any amount of rainfall. Mean air temperature in the region generally increased compared to the previous dekad.

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