



## KMD MONTHLY AGRO-METEOROLOGICAL BULLETIN



**MET/ 27/8 / (8)**

**Issue No: 03/2025**

**Date: 01/4/2025**

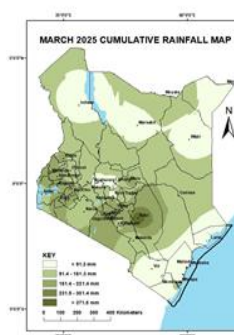
### **MARCH 2025 MONTHLY BULLETIN.**

#### **1.0 HIGHLIGHTS**

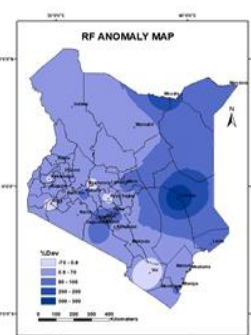
- Rainfall was recorded across most regions in the country following the onset of the MAM Season.
- Most stations recorded above normal rainfall, with a few areas receiving below-normal precipitation.
- Temperatures decreased significantly over the entire country.
- Soil moisture levels improved across the country creating conducive environment for crop germination and pasture growth.

rainfall while western, Nyanza and Central regions received below normal rainfall during the period under review.

Kitui station recorded the highest amount of rainfall followed by Kisumu and Kabete station in Nairobi region.



**Fig 1.1**



**Fig 1.2**

## **2.0 WEATHER AND SOIL CONDITION ASSESMENT**

### **2.1.0 Rainfall amounts**

Rift valley, Nairobi, South Eastern lowlands and North eastern received above normal

### **2.1.1 Mean Temperature**

During the month of March temperatures decreased significantly across the country with the highest being recorded in North Eastern

region. Low temperatures were experienced in Central region of the country.

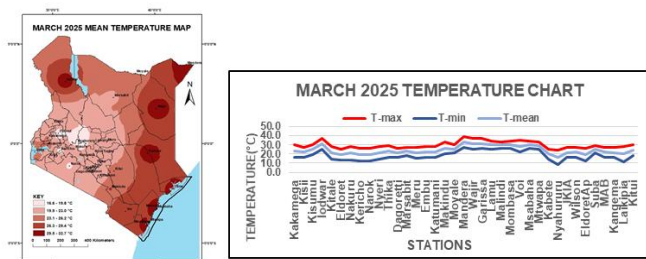


Fig 1.3

Fig 1.4

### 2.1.2 Soil Moisture

The Water Requirement Satisfaction Index (WRSI) at the beginning of the month was not sufficient for the germination of crops and growth of pasture in most parts the country. The moisture improved towards the end of the month after the onset of rains across the country.

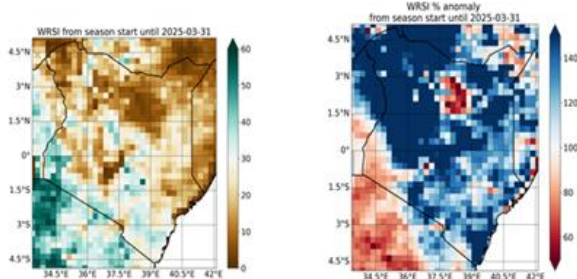


Fig 2.1

Fig 2.2

## 3.0 CROP REVIEW FOR MARCH 2025

**3.10 Western & Nyanza Region:** Land preparations and planting is ongoing in Western Kenya, while in Nyanza, maize and bean crop are at emergence and in fair state.

**3.11 Rift Valley Region:** In both Kitale and Kericho some farmers have started

planting while a few are still doing land preparations.

**3.12 Central Region:** Land preparations and planting are ongoing across the region.

**3.13 Eastern Region:** Planting has taken place in most of the farms while in a few farms the crops are at emergence.

**3.14 Coastal Region:** Land preparations are ongoing.

**3.15 North Eastern Region:** Pasture and forage conditions are expected to rejuvenate due to the onset of the rains in the region.

## 4.0 Expected Weather conditions during April 2025.

The forecast predicts moderate to heavy rainfall in most regions, including the Lake Victoria Basin, Rift Valley, Central and Nairobi. However, the Coastal region, as well as most of the Northeastern areas, are expected to receive moderate rainfall.

Mean temperatures are expected to continue decreasing across the country.

Soil moisture levels to continue improving in most areas due to the ongoing rains.

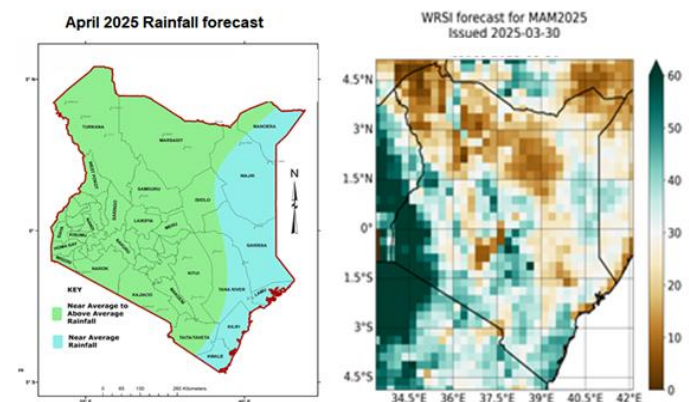


Fig 3.1

Fig 3.2

**4.2 April 2025 Outlook & Advisory** the onset of the March–May 2025 rainfall season has begun and is expected to be favourable for crop germination and pasture growth.

Farmers are encouraged to use recommended seed varieties and inputs suited for this season. Soil moisture levels in rangelands and game parks are expected to improve, leading to better pasture and forage availability.

Pastoralists are advised to maintain conservative stocking rates until pasture and forage conditions improve.

---



**Mary Githinji**

For

**Dir of Met Services**

For inquiries or any clarification, please use the email below

Email: [Agrometkenya@gmail.com](mailto:Agrometkenya@gmail.com)