

REPUBLIC OF KENYA MINISTRY OF ENVIRONMENT, CLIMATE CHANGE & FORESTRY KENYA METEOROLOGICAL DEPARTMENT

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MAY 2025 MONTHLY BULLETIN.

1.0 HIGHLIGHTS

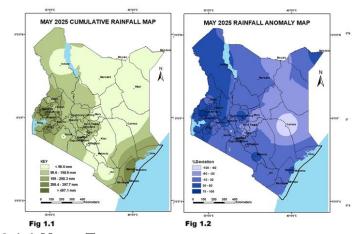
- May marks the end of Long Rains(March-April-May) season in the country. Normal to above normal rainfall was experienced in Western, Nyanza, parts of the Rift Valley, some parts of Central and Nairobi regions and the South eastern low lands. Below normal rainfall was recorded over most parts of the Northeastern and Coastal regions.
- Several stations recorded normal to above normal rainfall during the period under review.
- Temperatures continued to decrease significantly across most stations in the country as a result of increased cloud cover.
- Soil moisture levels across the country are still conducive for crop and vegetation growth as a result of the long rains.

2.0 WEATHER AND SOIL CONDITION ASSESMENT

Date: 09/6/2025

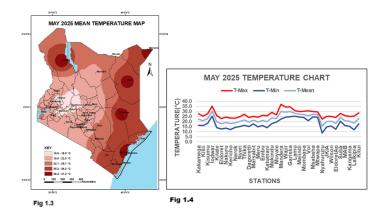
2.1.0 Rainfall amounts

Kakamega station in the Western region recorded the highest amount of rainfall followed by Malindi station in the Coastal region. Western, Nyanza, Rift Valley and several parts in Central and Nairobi regions received above average rainfall. North Eastern, Eastern, Coastal and few areas in the Central and Nairobi regions recorded below normal rainfall as indicated on the (figure 1.2) rainfall anomaly map.



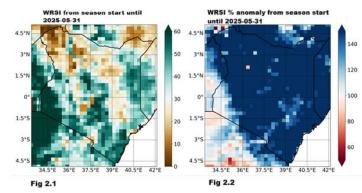
2.1.1 Mean Temperature

During the month of May temperatures decreased significantly compared to April. Higher temperatures were recorded in the North Western, Eastern and Coastal parts of the country. Lodwar station recorded the highest mean temperature while Nyahururu in Central region recorded the lowest mean temperature. Refer to (fig 1.3 and 1.4).



2.1.2 Soil Moisture

Most parts of the country have recorded substantial rainfall amounts throughout the month leading to significantly enhanced soil moisture conditions. The improved soil moisture conditions are favorable for agricultural activities. **Figure 2.2** indicates the soil moisture anomaly in most parts of the country were wetter than normal.



3.0 CROP REVIEW FOR MAY 2025

3.10 Western & Nyanza Region: In Kisii Maize is at flowering while beans have attained maturity stage. In Kakamega maize has attained the ninth leaf while beans are at flowering stage.

- **3.11 Rift Valley Region:** in Kitale maize is at post emergence stage while beans are at flowering, both crops are in good condition. In Kericho beans are flowering maize has attained ninth leaf stage.
- 3.12 Central & Nairobi Region: In Thika beans and maize crops are both at flowering stage. In Dagoretti beans are at wax ripeness while maize have attained the ninth leaf.
- **3.13 Eastern Region:** Beans and maize crops both are at flowering stage.
- **3.14 Coastal Region:** Mangoes are at wax ripeness stage. Maize has attained the ninth leaf.
- **3.15 North Eastern Region**: Pasture and forage are doing well due to improved soil moisture.

4.0 Expected Weather conditions during JUNE 2025.

Several parts of the country will be generally dry and sunny. Above average rainfall is

expected in the Highlands West of Rift Valley, Lake Victoria Basin, the Central Rift Valley and some parts of the Southern Rift valley, parts of Highlands East of Rift valley and parts of North Western Kenya.

WRSI forecast for June 2025 Insued 2025-06-01 4.5 °N 3°N 1.5 °N 40 1.5 °S 40 1.5 °S 3°S 34.5 °E 36 °E 37.5 °E 39 °E 40.5 °E 42 °E Fig 3.1

Director of Met Services

For inquiries or any clarification, please use the email below

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4.2 June 2025 Outlook & Advisory

The expected rainfall is likely to be conducive for crop production and pasture growth. Farmers are encouraged to continue liaising with agricultural extension officers to get advice on the right farm practices for maximum yield production. Pastoralists and relevant authorities are advised to conserve pasture as the season comes to an end to ensure their livestock have adequate feed to last till the next rainfall season.

Mary Githinji

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