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DEKAD 16 PERIOD: 1ST – 10TH JUNE 2025.

1.0 HIGHLIGHTS

Precipitation: Several regions in the country reported normal to below normal rainfall during the review period.

Rainfall Extremes: Malindi station (Coastal region) recorded the highest rainfall at 154.3 mm, followed by Kakamega station (Western region) with 138.0 mm.

Soil Moisture: Soil moisture levels remain adequate in most parts of the country, supporting ongoing agricultural activities such as crop and pasture development.

Temperature Trends: A slight decrease in mean air temperatures was observed in most parts of the country compared to the previous dekad.

Evaporation: Total pan evaporation declined in the Rift Valley, Western, Nyanza, and Central and coastal region indicating reduced water loss from surfaces.

Forecast (Next 10 Days): Rainfall is expected over few areas in the Highlands (both east and west of the Rift Valley), the Lake Victoria Basin, Central Rift Valley, and Coastal areas. These conditions are anticipated to further support crop and pasture growth.

Strong southerly to southeasterly winds, exceeding 25 knots (12.86 m/s), are forecast over the Coast, Southeastern Lowlands, Northeastern, and Northwestern regions of Kenya.

2.0 REGIONAL WEATHER AND AGRICULTURAL CONDITIONS

2.1 Western and Nyanza Regions the regions experienced above-normal rainfall compared to the Long-Term Mean (LTM) for the dekad.

Kakamega: Highest recorded rainfall of 138.0 mm. Mean air temperature decreased from 22.2°C to 21.4°C. Maize is at flowering stage and doing well. Beans harvesting is ongoing and normal yield is expected.

Kisii: Received 93.1 mm of rainfall, above LTM. Temperature declined from 20.8°C to 20.6°C. Beans have attained maturity; maize is at flowering stage. Both crops are in moderate state.

General Outlook: Broken cloud cover and good soil moisture have created favourable conditions for crop and pasture growth.

2.2 Rift Valley Region

The region reported normal to above-normal rainfall across most stations.

Kericho: Rainfall at 97.4 mm (above LTM of 70.8 mm); temperature decreased to 17.4°C. Maize crops are at tasselling stage while beans are attaining maturity stage and in fair condition.

Kitale: Recorded 105.4 mm of rainfall; temperature slightly dropped to 19.3°C. Maize has attained ninth leaf stage and beans are at flowering stage. Both crops are doing well.

Eldoret: Rainfall at 46.3 mm; mean temperature dropped from 18.0°C to 17.4°C. General Outlook: Favourable climate has positively influenced agricultural activities across the region.

2.3 Central and Nairobi Regions

Experienced below-normal rainfall during the period.

Thika: Received rainfall of 8.5mm below LTM; mean temperature decreased from 21.5°C to 20.8°C. Maize is at flowering

stage while beans have attained maturity and in fair condition.

Dagoretti: Received 1.8 mm; temperature decreased from 19.3°C to 18.7°C. Beans have attained wax ripeness. Maize is at tasselling stage.

Both crops are generally doing well.

Kabete: Recorded 18.0 mm of rainfall; maize at flowering stage and beans are in pod filling stage. Both crops are in fair condition.

Nyeri: Rainfall at 20.1 mm (above LTM of 12.5 mm); temperature dropped from 19.9°C to 19.4°C. Beans are wax ripeness, maize at tasselling stage but affected by stalk borers; however, both crops are doing well.

Nyahururu: Rainfall of 64.5 mm (above LTM); temperature decreased from 15.5°C to 14.8°C. Maize in vegetative phase, in moderate condition.

General Outlook: Prevailing conditions have generally supported ongoing agricultural activities.

2.4 Eastern Region

Most stations reported below-normal rainfall with scattered cloud cover.

Meru: Received rainfall of 3.1 mm (below LTM); temperature slightly increased to 19.4°C.

Maize at flowering and in fair state. Most farmers have started harvesting beans.

Embu: Received 12.7 mm; temperature slightly declined to 20.6°C. Maize at flowering stage while beans at maturity stage. Both crops are in fair state.

Maize at flowering stage while beans at maturity stage. Both crops are doing well

2.5 Coastal Region

The region recorded above-normal rainfall as compared to its LTM.

Soil moisture remains favourable for crop development and pasture growth.

Mtwapa: Received 102.0 mm (above LTM of 43.3mm); temperature decreased from 27.1°C to 26.9°C. Maize in vegetative phase, in fair state but affected by insect and wildlife damage.

Msabaha: Rainfall at 108.8 mm (above LTM of 64.6 mm); mean temperature declined to 26.6°C. Maize is at flowering stage.

2.6 North Eastern Region

Stations recorded below-normal rainfall.

Soil moisture levels are fair, suitable for pasture growth.

Mean air temperatures ranged from 28.7°C in Moyale to 29.9°C in Mandera.

Scattered cloud cover dominated much of the region.

3.0 DEKAD 16 MAY 2025 RAINFALL, TEMPERATURE & WRSI MAPS / CHARTS

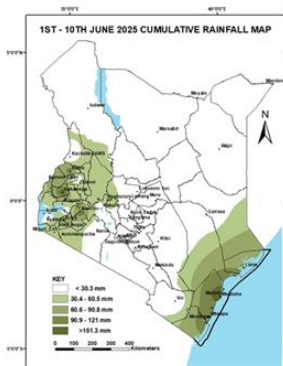


Fig 3.1

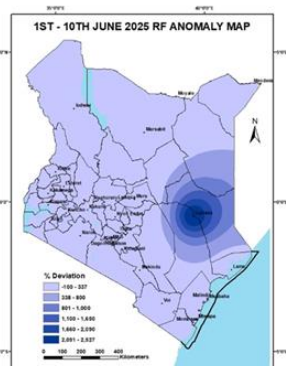


Fig 3.2

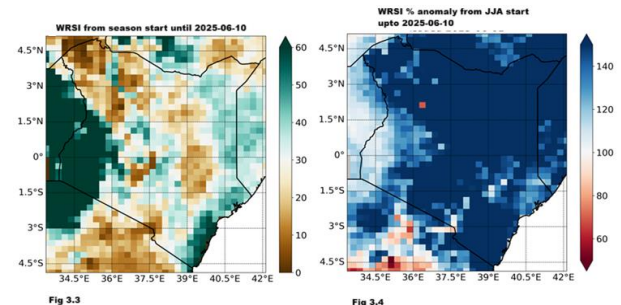


Fig 3.3

Fig 3.4

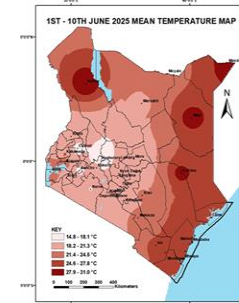


Fig 3.5

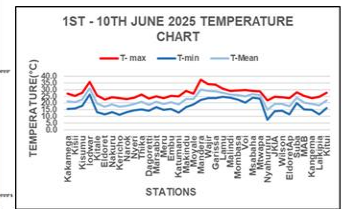


Fig 3.6

4.0 EXPECTED WEATHER, SOIL AND CROP CONDITIONS DURING THE NEXT TEN (10) DAYS; 11th – 20th June 2025.

Western, Nyanza, and South Rift Valley

Expected Conditions: Normal to below normal rainfall with occasional storms.

Impact: Favourable for crop and pasture growth.

Central Region & Nairobi

Expected Conditions: Below normal to normal rainfall, with occasional showers in isolated areas.

Impact: Moderately supportive for agricultural activities.

North Western Region

Expected Conditions: Predominantly sunny intervals.

Impact: Limited rainfall may restrict pasture regeneration and increase heat stress.

North Eastern Region

Expected Conditions: Sunny intervals likely to dominate with a chance of showers over few places.

Impact: Continued dry conditions may affect pasture availability and water access.

South-Eastern Lowlands

Expected Conditions: Predominantly sunny intervals anticipated.

Impact: Limited rainfall may restrict pasture regeneration and increase heat stress.

Coastal Counties

Expected Conditions: Normal to below normal rainfall anticipated.

Impact: Conditions may remain sufficient for crop development, but pest and wildlife challenges may persist

4.1 AGRO-ADVISORY FOR FARMERS AND PASTORALISTS

Farmers:

Adopt sound crop management practices, during harvesting of beans, pest control, and adopt proper storage mechanisms to avoid postharvest losses.

Pastoralists:

Practice sustainable grazing to maintain pasture health and prevent land degradation. Avoid overgrazing by managing livestock movement and using rotational grazing systems where feasible.

Consult agricultural extension officers for localized advice and to stay informed on the best agricultural practices tailored to specific crops and regions.

Pastoralists:

Practice sustainable grazing to maintain pasture health and prevent land degradation. Avoid overgrazing by managing livestock movement and using rotational grazing systems where feasible.

General Advisory:

Implementing these best practices will help enhance resilience and productivity, enabling farmers and pastoralists to better cope with changing climatic conditions



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