



KMD 10 DAY AGROMETEOROLOGICAL BULLETIN



Ref: MET/8 /001 / 1 Issue No: 28/2025 Date: 13/10/2025

DEKAD 28 PERIOD: 1ST – 10TH OCTOBER 2025.

1.0 HIGHLIGHTS

Precipitation: Several regions across the country received normal to above normal rainfall relative to the long-term mean for the dekad under review. However, Coastal, Northeastern and parts of the Eastern region received below normal rainfall.

Rainfall Extremes: Kisumu station in Nyanza region recorded the highest rainfall of 141.4mm followed by Kisii station in the same region with 117.7mm.

Soil Moisture Western, Central and Rift Valley regions registered adequate soil moisture levels conducive to crop development and pasture growth. There was soil moisture decline in Coastal, Eastern and parts of Northeastern region.

Temperature Trends: A general decrease in mean air temperature was observed across most regions of the country during the review period.

Evaporation: Total pan evaporation rates decreased across several parts of the country.

Forecast (Next 10 Days): Rainfall is expected across several parts of the highlands East and West of the Rift Valley, the Lake Victoria Basin, Western, parts of Northeastern and Coastal region of Kenya.

Wind Conditions: Strong southerly to southeasterly winds with speeds exceeding 25 knots (12.86 m/s) are expected over the Coast (and Kenya's territorial waters), the South-eastern lowlands, North-eastern and North western Kenya.

2.0 REGIONAL WEATHER AND AGRICULTURAL CONDITIONS 2.1 Western and Nyanza Regions

All stations in these regions experienced above normal rainfall compared to the Long-term Mean for the dekad

Kakamega: Recorded rainfall of 79.5mm. Mean air temperature slightly decreased to 21.1°C. Maize and beans have germinated and weeding is ongoing. There was an increase in the amount of rainfall.

Kisii: Received 117.7mm of rainfall, above LTM of 58.5mm. Temperature decreased to 20.5°C. Land preparations and planting ongoing.

General Outlook: Increased rainfall amounts in the region are conducive for such agricultural activities.

2.2 Rift Valley Region

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

Kericho: Recorded 80.1mm of rainfall; temperature decreased from 18.2°C to 17.5°C. Some farmers have planted while others are still undertaking land preparations.

Kitale: Recorded 83.4 mm of rainfall, above LTM of 47.4mm; mean air temperature slightly decreased to 19.1°C. Maize harvesting ongoing though there is much rainfall.

Eldoret: Recorded rainfall amount of 19.3mm; mean temperature slightly decreased to 17.2°C.

General Outlook: Weather conditions are favorable for agricultural activities in the region

2.3 Central and Nairobi Regions

Most stations within the regions recorded above-normal rainfall compared to the Long-term Average, except for Nyahururu station that recorded below normal rainfall.

Thika: Recorded 14.7mm of rainfall; mean air temperature slightly decreased from 21.7°C to 21.6°C. Land preparations ongoing.

Dagoretti: Recorded 24.4mm of rainfall; mean air temperature slightly decreased to 19.4°C. Land preparation is ongoing.

Kabete: Recorded 33.1 mm of rainfall; Most farmers have started land preparations.

Nyeri: Received rainfall of 53.9mm; mean air temperature slightly decreased to 19.3°C. Land preparations ongoing awaiting onset of OND.

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

2.4 Eastern Region

Most stations reported above-average rainfall in the region except Meru station that recorded below normal. Broken cloud cover dominated during the dekad.

Meru: Recorded 10.6mm of rainfall, mean temperature slightly increased to 19.9°C. Planting is underway.

Embu: Received 31.7mm of rainfall; temperature increased to 20.8°C. Land preparations ongoing

Katumani: Recorded 24.5mm of rainfall; the mean air temperature slightly decreased to 20.6°C. Land preparations ongoing.

2.5 Coastal Region

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

Soil moisture levels are depressed in most parts the region owing to little rainfall.

Mtwapa: Received 29.9mm of rainfall; mean temperature increased to 26.5°C. Land preparations ongoing.

Msabaha: Rainfall at 2.8 mm below its Long-term Mean; mean air temperature slightly increased to 27.0°C. No activities on the farms.

2.6 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 29.7°C in Garissa to 31.5°C in Mandera.

Soil moisture levels decreased further but it is anticipated to improve in some areas as forecast indicates some rainfall in the next ten days.

Broken cloud cover dominated the region.

3.0 DEKAD 28 OCTOBER, 2025 RAINFALL, TEMPERATURE & WRSI MAPS / CHARTS

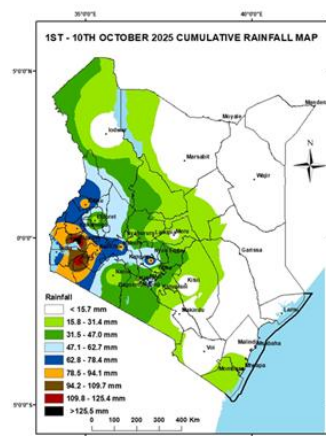


Fig 3.1

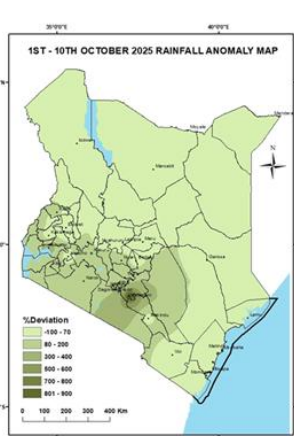


Fig 3.2

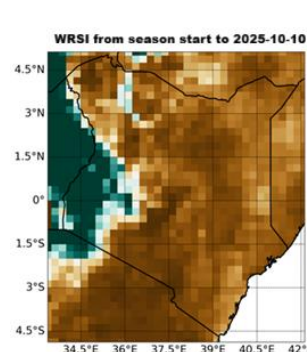


Fig 3.3

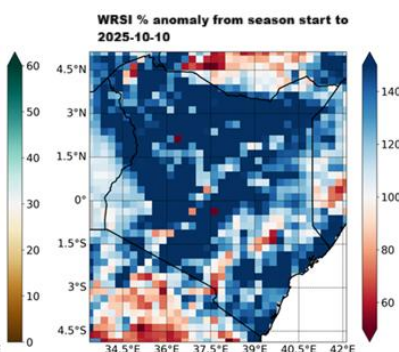


Fig 3.4

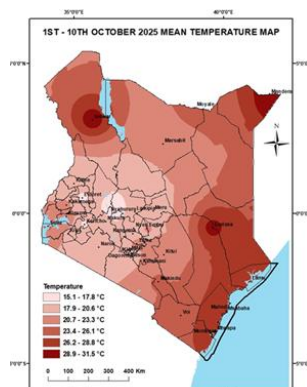


Fig 3.5

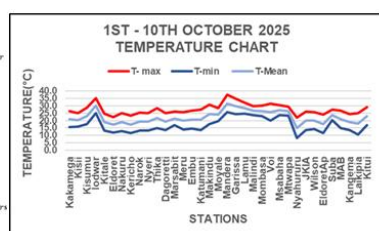


Fig 3.6

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

Western, Nyanza, and South Rift Valley

Expected Conditions: The regions are expected to experience normal to above normal

rainfall. As a result, soil moisture levels are likely to increase, supporting agricultural activities and pasture growth. (Fig 3.8)

Central Region & Nairobi

Expected Conditions: The region is expected to experience above-normal to normal rainfall.

Impact: Soil moisture levels are likely to increase, supporting crop development and pasture growth.

North Western Region

Expected Conditions: The region is expected to receive below normal rainfall.

Impact: Pastoralists are advised to use water resources sparingly and enhance pasture management to cushion against possible dry conditions.

North Eastern Region

Expected Conditions: The region is expected to receive below normal to normal rainfall and pockets of Mandera to receive above normal

Impact: Farmers should prioritize water conservation; Livestock owners are encouraged to plan for supplementary feeding and sustainable grazing to reduce losses.

South-Eastern Lowlands

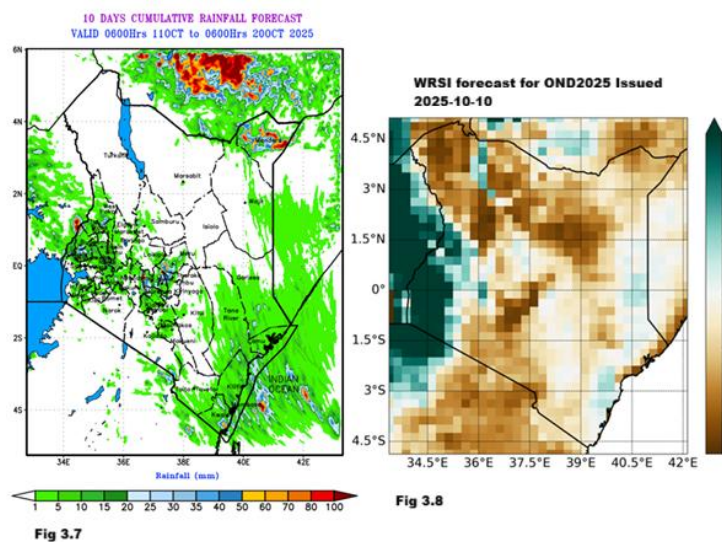
Expected Conditions: The region is expected to receive below normal to normal rainfall.

Impact: Farmers are advised to apply soil moisture conservation practices such as mulching and water harvesting. Pastoralists should strategically manage grazing areas to sustain livestock feed.

Coastal Counties

Expected Conditions: The region is expected to experience normal to above normal rainfall.

Impact: These conditions are likely to sustain soil moisture levels, supporting crop growth and pasture regeneration in the region.



Mary Githinji

Mary Githinji

For: Director Meteorological Services

For inquiries or any clarification, please use the email below

E-mail: agrometkenya@gmail.com

4.1 AGRO-ADVISORY FOR FARMERS AND PASTORALISTS.

Farmers:

- ❖ In areas where crops are ready (especially beans and maize), timely harvesting is recommended to avoid losses from pod shattering, rotting, or pest infestation.
- ❖ Farmers should do early land preparations ahead of the rainy season to optimize soil conditions for better germination and healthy crop growth.
- ❖ Farmers should remain vigilant for outbreaks of pests such as fall army-worm, locusts, and stalk borers, and take prompt control measures where necessary.
- ❖ Farmers are advised to practice crop rotation and intercropping (e.g., maize with legumes) to improve soil fertility and reduce pest and disease buildup.

Pastoralists:

Pastoralists are encouraged to conserve available pasture and explore supplementary feeding options to safeguard livestock productivity.

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