



MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
STATE DEPARTMENT FOR ENVIRONMENT AND CLIMATE CHANGE
KENYA METEOROLOGICAL DEPARTMENT

KMD 10 DAY AGROMETEOROLOGICAL BULLETIN



Ref: MET/8 /001/1 Issue No: 30/2025

Date: 03/11/2025

DEKAD 30 PERIOD: 21ST – 31ST OCTOBER 2025.

1.0 HIGHLIGHTS

Precipitation: Most regions across the country received above normal rainfall relative to the long-term mean for the dekad under review. However, some isolated areas of Central, Northeastern and Rift valley received below normal rainfall.(fig 3.1)

Rainfall Extremes: Kangema station in central region recorded the highest rainfall of 151.6mm followed by Kakamega station in the Western region with 143.0mm.

Soil Moisture: Most parts of the country including Western, Central, Nairobi and Rift Valley regions registered adequate soil moisture levels conducive to crop development and pasture growth. (fig 3.3)

Temperature Trends: A general increase in mean air temperature was observed across most regions of the country during the review period. (fig 3.5)

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

2.0 REGIONAL WEATHER AND AGRICULTURAL CONDITIONS

2.1 Western and Nyanza Regions

Most stations within the regions received above normal rainfall compared to the LTM during the dekad.

Kakamega: Recorded rainfall of 143.0mm. Mean air temperature slightly decreased to 21.7°C. Maize and beans have germinated and weeding is ongoing. There was an increase in the amount of rainfall.

Kisii: Received 111.3mm of rainfall, above LTM of 68.6mm. Temperature reduced to 20.5°C.Planting is ongoing.

Recommendations: Farmers to focus on timely weeding to eliminate competition for nutrients and to monitor for the outbreak of diseases and pests like fall armyworms. Ensure drainage in low lying fields to prevent water logging.

2.2 Rift Valley Region

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

Kericho: Recorded 113.7mm of rainfall; temperature increased from 17.2°C to 18.1°C. Most farmers are weeding.

Kitale: Recorded 45.5 mm of rainfall, below LTM of 54.0mm; mean air temperature slightly increased to 19.9°C. Maize harvesting ongoing though there is much rainfall.

Eldoret: Recorded rainfall amount of 95.3mm above normal rainfall;mean temperature slightly increased to 18.1°C.

Recommendations: Farmers are advised to ensure timely weeding to suppress weeds and monitor outbreak of diseases like maize stalk borer. Harvest mature maize promptly to prevent rotting due to wet conditions. Dry harvested maize thoroughly to prevent post-harvest losses.

2.3 Central and Nairobi Regions

Most stations within the regions recorded above normal rainfall compared to the Long-Term Average.

Thika: Recorded 38.2mm of rainfall; mean air temperatures slightly increased to 22. 3°C. Farmers are planting.

Dagoretti: Recorded 67.6mm of rainfall; mean air temperature slightly increased to 20.3°C. Planting is ongoing.

Kabete: Recorded 100.4 mm of rainfall; Farmers have started planting.

Nyeri: Received rainfall of 40.8mm; mean air temperature slightly increased to 20.6°C. Farmers have started planting.

Recommendations: Farmers to take advantage of short rains season by planting early maturing and certified seeds to maximize yields.

2.4 Eastern Region

Most stations reported above -average rainfall in the region. Broken cloud cover dominated during the dekad.

Meru: Recorded 107.8mm of rainfall, mean temperature slightly increased to 20. 6°C. Farmers have Planted.

Embu: Received 128.8mm of rainfall; temperature slightly decreased to 21.6°C. Planting ongoing

Katumani: Recorded 42.6mm of rainfall; the mean air temperature slightly increased to 21.0°C. Farmers are planting.

Recommendations: Farmers should plant early maturing and drought tolerant crops to take advantage of short rains. Farmers should implement soil and water conservation measures such as mulching.

2.5 Coastal Region

Most stations in the region recorded above normal rainfall compared to the LTM. Soil moisture levels are enhanced in most parts of the region owing to increased rainfall.

Mtwapa: Received 103.7mm of rainfall; mean temperature 26.8°C. Mangoes are in flowering stage.

Msabaha: Rainfall at 51.2 mm above its Long-term Mean; mean air temperature slightly increased to 27.4°C. No activities on the farms.

Recommendations: Farmers should protect the flowering mangoes from fungal infections by using appropriate fungicides. Farmers should also practice water harvesting for later use.

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 30.5°C in Wajir to 31.6°C in Mandera.

Scattered cloud cover dominated the region.

Recommendations: Pastoralists should conserve available pasture and explore supplementary livestock feeding. They should also do water conservation and harvesting water for later use.

3.0 DEKAD 30 OCTOBER, 2025 RAINFALL, TEMPERATURE & WRSI MAPS / CHARTS

STATION	Cumulative RF from the beginning of the OND Season	Maximum Consecutive Wet days during Dekad	Maximum Consecutive dry days during Dekad	Number of rainy days during Dekad
Kakamega	275.52	4	1	5
Kisii	286.01	4	1	6
Kitale	181.82	3	2	4
Kericho	238.52	5	0	6
Nyeri	97.33	2	1	3
Thika	14.7	1	6	1
Dagoretti	92.4	5	2	4
Meru	124.21	4	2	5
Embu	163.31	2	3	3
Katumani	67.1	3	5	3
Msabaha	57.9	2	7	2
Mtwapa	140.8	4	3	3
Kabete	134.52	3	2	4
Nyahururu	67.31	2	1	2

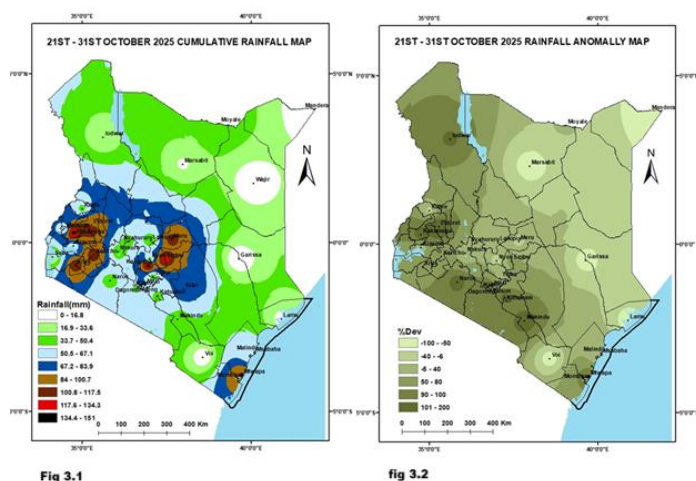


Fig 3.1

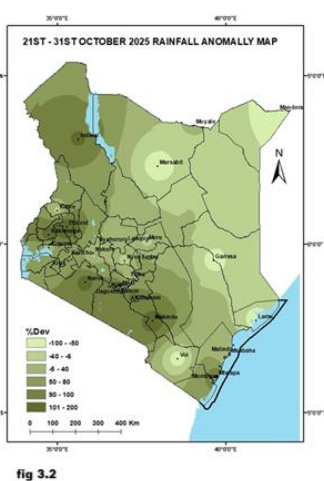


fig 3.2

waters), the South-eastern lowlands, North-eastern and North western Kenya.

Western, Nyanza, and 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 normal to below-normal rainfall.(fig 3.7)

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

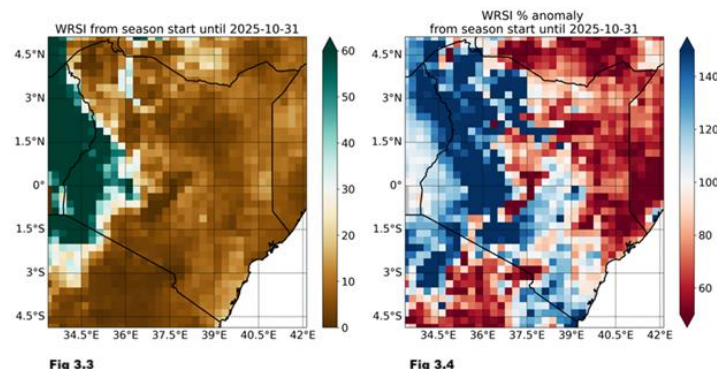


Fig 3.3



North Western Region

Expected Conditions: The region is expected to receive normal to below normal rainfall during the forecast period.

Impact: The expected rains are anticipated to aid in pasture regeneration in the region. Pastoralists are advised to use water resources sparingly and enhance pasture management.

North Eastern Region

Expected Conditions: The region is expected to receive normal to below normal rainfall during the forecast period.

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

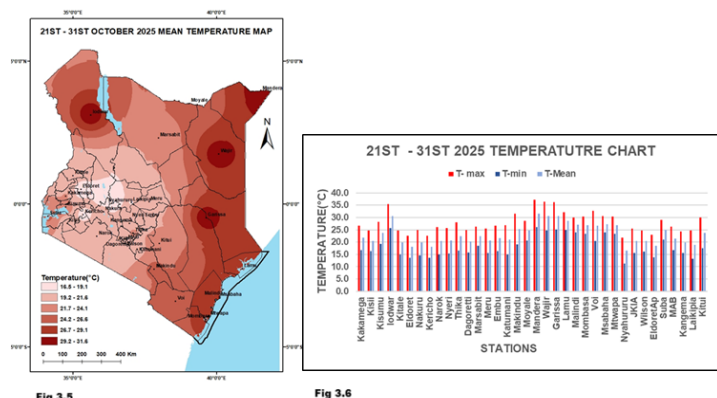


Fig 3.5

Fig 3.6

South-Eastern Lowlands

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

Impact: Farmers are advised to apply soil moisture conservation practices such as mulching and water harvesting

Coastal Counties

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

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

4.0 EXPECTED WEATHER, SOIL AND CROP CONDITIONS DURING THE NEXT TEN (10) DAYS 1ST – 10TH NOVEMBER 2025.

Forecast (Next 10 Days): Rainfall is expected across several parts of the country: The Lake Victoria Basin, Western, central, southeastern lowlands, the Rift valley and some parts of Coastal region.

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

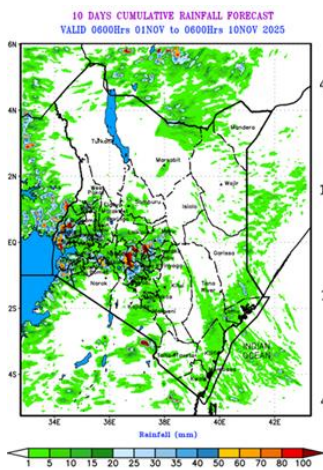


Fig 3.7

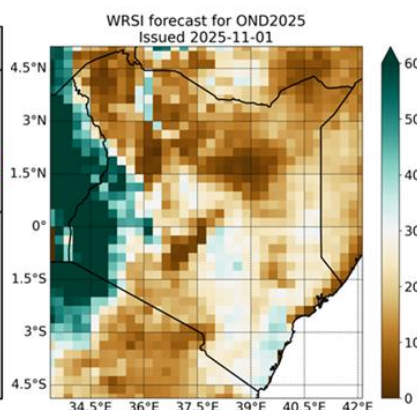


Fig 3.8

Use early warning platforms and weather apps where available

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.
- ❖ Farmers are advised to use improved, shorter-maturing seed varieties in areas where rainfall performance will not be good.

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.