



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: 31/2025

Date: 12/11/2025

DEKAD 31 PERIOD: 1ST – 10TH NOVEMBER 2025.

1.0 HIGHLIGHTS

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

Rainfall Extremes:Matungu station in western region recorded the highest rainfall of 109.2 mm followed by Kisii station in the Nyanza region with 104mm.

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 decrease in mean air temperature was observed across most regions of the country during the review period. (fig 3.5)

Evaporation: Total pan evaporation rates reduced 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 70.6. Mean air temperature slightly increased to 22.3°C. Maize and beans have germinated and weeding is ongoing.

Kisii: Received 104.1 mm of rainfall, above LTM of 78.3mm. Temperature increased to 21.1°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 army worms. .

2.2 Rift Valley Region

Most stations in the region reported below normal rainfall compared to the LTM of the dekad.

Kericho: Recorded 98.7mm of rainfall; temperature slightly decreased from 18.1°C to 18.0°C. Most farmers are weeding.

Kitale: Recorded 38.6 mm of rainfall, below LTM of 44.6mm; mean air temperature slightly increased to 20.0°C. Maize harvesting is almost complete and rainfall has affected the drying of the crop.

Eldoret: Recorded rainfall amount of 14.5mm below normal rainfall; mean temperature slightly increased to 18.2°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 below normal rainfall compared to the Long-Term Average.

Thika: Recorded 18.5mm of rainfall; mean air temperature slightly increased to 22.3°C. Farmers are planting.

Dagoretti: Recorded 18.1mm of rainfall; mean air temperature slightly decreased to 20.1°C. Planting is ongoing.

Kabete: Recorded 34.5 mm of rainfall; Farmers have started planting.

Nyeri: Received rainfall of 20.2mm; mean air temperature slightly decreased to 19.6°C. Crops are at emergence stage.

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 below -average rainfall in the region. Broken cloud cover dominated during the dekad.

Meru: Recorded 45.0mm of rainfall, mean temperature slightly decreased to 19.7°C. Crops are at emergence stage.

Embu: Received 42.8mm of rainfall; temperature slightly decreased to 20.9°C. Planting ongoing

Katamani: Recorded 6.8mm of rainfall; the mean air temperature slightly decreased to 20.6°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 below normal rainfall compared to the LTM. Soil moisture levels are favorable for crop development and pasture growth.

Mtwapa: Received 7.0mm of rainfall; mean temperature increased to 27.3°C. Mangoes are in flowering stage.

Msabaha: Rainfall at 1.6 mm below its Long-term Mean; mean air temperature slightly increased to 27.4°C. Most crops are at emergence stage while some farmers are planting.

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 decrease in mean air temperatures ranging between 29.8°C in Garissa to 31.3°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 31 NOVEMBER, 2025 RAINFALL, TEMPERATURE & WRSI MAPS / CHARTS

Station	OND Totals	Maximum consecutive wet days	Maximum consecutive dry days	Number of rainy days
Kakamega	346.12	9	0	8
Kisii	390.11	8	0	5
Kitale	220.42	1	2	2
Kericho	337.22	5	0	5
Nyeri	117.53	2	6	1
Thika	71.4	2	6	1
Dagoretti	110.1	3	6	1
Meru	169.21	4	3	3
Embu	206.11	4	1	2
Katamani	73.9	2	6	0
Msabaha	59.5	1	3	0
Mtwapa	147.8	1	4	1
Kabete	169.02	1	4	3
Nyahururu	70.91	1	2	0

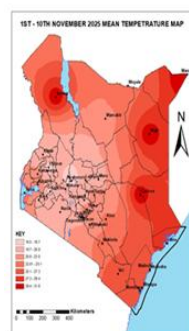


Fig 3.5

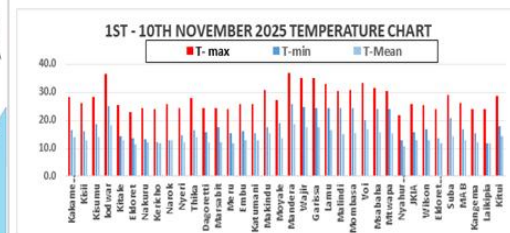


Fig 3.6

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

Forecast (Next 10 Days): Most parts of the country are likely to be sunny and dry. However, rainfall is expected in some parts of the Highlands East and West of the Rift Valley, the Lake Victoria Basin, the Rift Valley, the Coast, the South eastern lowlands and North-eastern Kenya.

Western, Nyanza, and Rift Valley

Expected Conditions: The regions are expected to experience normal to below normal rainfall. As a result, soil moisture levels are favorable for supporting agricultural activities and pasture growth. (Fig 3.8)

Central Region & Nairobi

Expected Conditions: The region is expected to experience normal to above-normal rainfall.(fig 3.7)

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 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.

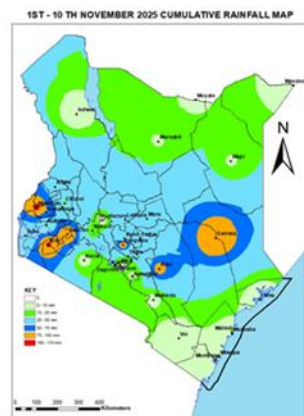


Fig 3.1

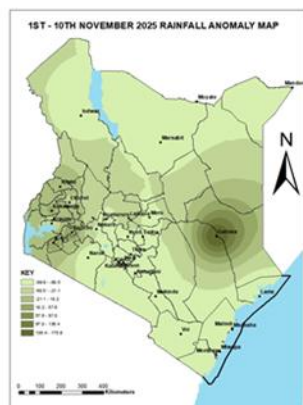


Fig 3.2

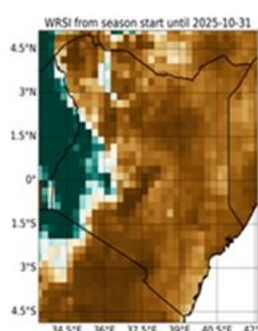


Fig 3.3

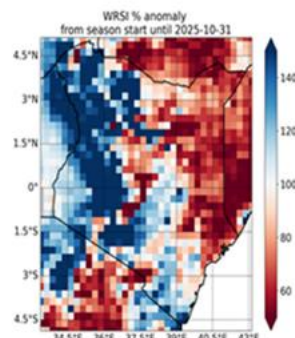


Fig 3.4

Impact: Pastoralists 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 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 rainfall.

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

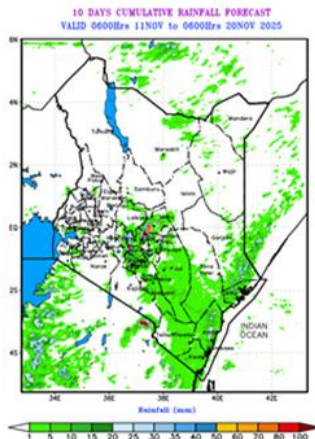


Fig 3.7

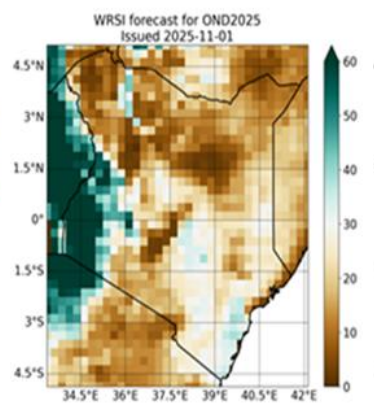


Fig 3.8

Pastoralists:

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

Pastoralists are advised to use water resources sparingly and enhance pasture management.

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

Mary Githinji

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4.1 AGRO-ADVISORY FOR FARMERS AND PASTORALISTS.

Farmers:

- ❖ Timely harvesting is recommended to avoid losses, rotting, or pest infestation.
- ❖ 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.