



KMD 10 DAY AGROMETEOROLOGICAL BULLETIN



Ref: MET/8 /001/1 Issue No: 33/2025

Date: 02/12/2025

DEKAD 33 PERIOD: 21ST – 30TH NOVEMBER 2025.

1.0 HIGHLIGHTS

Precipitation: Most parts of the country experienced below normal rainfall during the period under review, with cumulative totals below the long-term dekadal mean. (fig 3.1)

Rainfall Extremes: Kisii station in Nyanza region recorded the highest rainfall of 104.1 mm followed by Kitui station in South Eastern region with 42.4mm.

Soil Moisture; Soil moisture conditions varied across the country, with localized improvements in areas that received light rainfall, while most regions continued to experience below-normal moisture levels. (fig 3.3)

Temperature Trends: A slight 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 increased significantly 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 below normal rainfall compared to the LTM during the dekad.

Kakamega: Recorded rainfall of 5.3mm Mean air temperature slightly decreased to 22.3°C. Maize and beans are not doing well.

Kisii: Received 104.1 mm of rainfall. Temperature decreased to 21.0°C. Crops are doing well.

Recommendations: Farmers to use mulching, minimum tillage, and cover crops to retain moisture.

2.2 Rift Valley Region

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

Kericho: Recorded 5.6mm of rainfall; temperature slightly increased from 17.7°C to 17.8°C. Beans are at flowering stage but are affected by too much sunshine.

Kitale: No rainfall was recorded; mean air temperature decreased to 18.9°C. Maize crop has been harvested.

Eldoret: Recorded 0.3mm of rainfall; mean temperature slightly decreased to 16.8°C.

Recommendations: Farmers to dry grains to 13.5% moisture before storage. Use hermetic bags or lined stores to reduce 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 1.6mm of rainfall; mean air temperature slightly increased to 21.7°C. Crops are not doing well due to lack of rainfall.

Dagoretti: Recorded 0.2mm of rainfall; mean air temperature slightly decreased to 19.9°C. Crops are not doing well due to insufficient rainfall.

Kabete: No amount of rainfall was recorded; Crops are wilting due reduced soil moisture.

Nyeri: Received rainfall of 2.6mm. Maize crop is at post emergence stage while beans are in budding stage. Both crops are doing well.

Recommendations: For early-planted crops, maintain proper weeding during dry spells. Watch for:- Fall Armyworm in young maize, Bean rust and anthracnose in beans. Apply nitrogen topdressing only when soils have adequate moisture.

• 2.4 Eastern Region

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

Meru: Recorded 16.6mm of rainfall, mean temperature increased to 19.6°C. Crops are doing well.

Embu: Received 0.2mm of rainfall; temperature slightly increased to 20.6°C. Crops are at emergence stage.

Katamani: Recorded 8.9mm of rainfall; the mean air temperature slightly increased to 21.0°C. Crops are at post emergence stage and are not doing well.

Recommendations: 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.

Mtwapa: Received 0.3mm of rainfall; mean temperature increased to 27.8°C. Crops have been affected by the heat.

Msabaha: No rainfall amount was recorded; mean air temperature remained at 28.4°C. Most crops are at emergence stage and are wilting due to insufficient rainfall.

Recommendations: Farmers to Practice timely weeding to reduce competition for the limited soil moisture.

2.6 North Eastern Region

Most Stations in the region reported below normal rainfall during the review period.

The region experienced an increase in mean air temperatures ranging between 30.1°C in Garissa to 30.7°C in Mandera.

Scattered cloud cover dominated the region.

Recommendations: Pastoralists should provide supplementary feeds because pasture regeneration may be slow under reduced rainfall.

3.0 DEKAD 33 NOVEMBER, 2025 RAINFALL, TEMPERATURE & WRSI MAPS / CHARTS

Station	OND Totals	Maximum consecutive wet days	Maximum consecutive dry days	Number of rainy days	
Kakamega	373.03	1	4	1	
Kisii	529.32	8	0	5	
Kitale	227.42	0	10	0	
Kericho	350.02	3	5	0	
Nyeri	146.74	1	3	0	
Thika	78.7	1	4	0	
Dagoretti	116.12	0	2	0	
Meru	234.01	1	6	1	
Embu	207.51	0	5	0	
Katamani	91.71	1	2	1	
Msabaha	60.61	0	7	0	
Mtwapa	148.92	0	4	0	
Kabete	169.02	0	10	0	
Nyahururu	78.73	0	4	0	

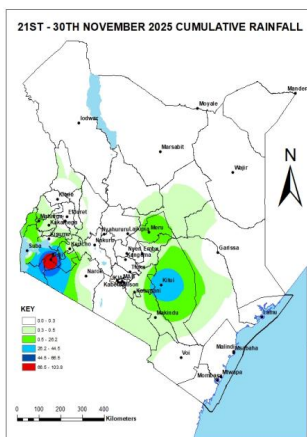


Fig 3.1

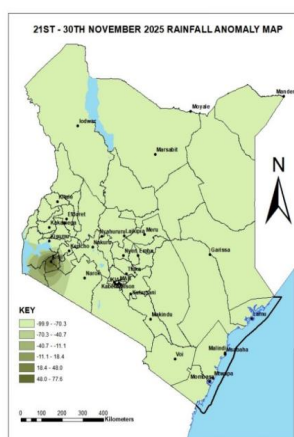


Fig 3.2

Occasional moderate to heavy rainfall is likely to occur over some of these regions from midweek (Central Highlands and South-eastern Lowlands).

Western, Nyanza, and Rift Valley

Expected Conditions: The regions are expected to experience below normal rainfall.

Impact: Farmers to practise Mulching to retain soil moisture and also minimize unnecessary tillage (Fig 3.8)

Central Region & Nairobi

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

Impact: Farmers not to plant unless using irrigation or moisture-conserving technologies and they should prioritize moisture conservation in ongoing cropping activities.

North Eastern Region

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

Impact: Farmers to avoid new planting for rain-fed crops unless using irrigation or water harvesting systems. Conserve every available drop of moisture.

South-Eastern Lowlands

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

Impact: Farmer to practise mulching, crop residues, and cover crops and avoid planting on exposed slopes without terracing.

Coastal Counties

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

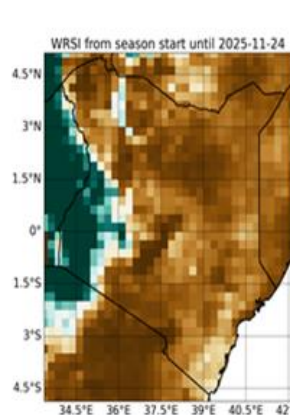


Fig 3.3

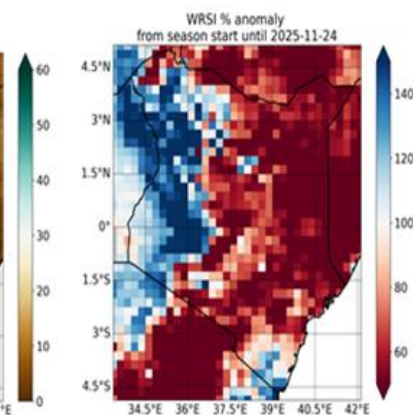


Fig 3.4

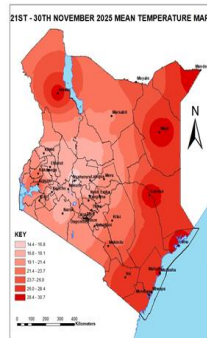


Fig 3.5

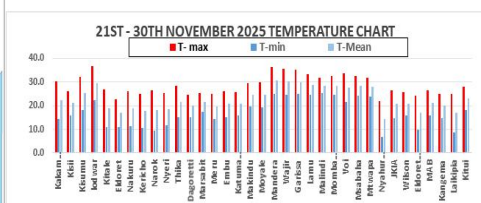
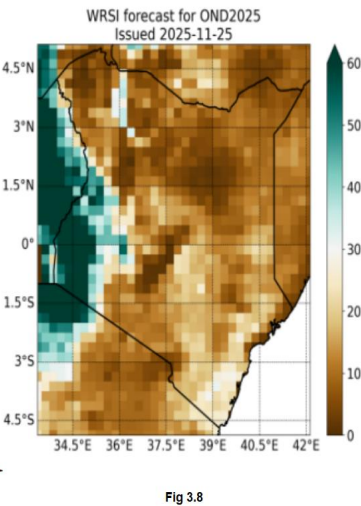
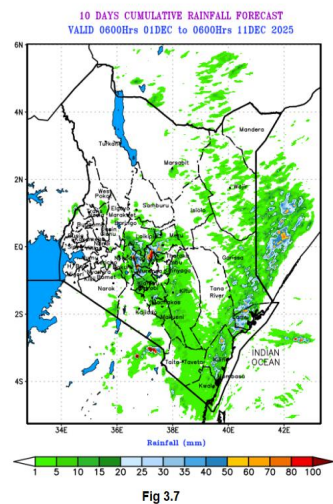


Fig 3.6

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

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

Impact: Farmers to Avoid nitrogen fertilizers at this stage to prevent crop stress. If crops are wilting, prioritize spot irrigation where possible.



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

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4.1 AGRO-ADVISORY FOR FARMERS AND PASTORALISTS.

Farmers:

- ❖ Avoid planting new crops now unless irrigation is available.
- ❖ Prioritize inter-cropping maize with legumes to improve moisture retention.
- ❖ Where irrigation exists, shift to drip or bucket irrigation to minimize water loss.

Pastoralists:

- ❖ Water pans and shallow wells may start reducing due to high evaporation.
- ❖ Maintain clean kraals to reduce tick infestation
- ❖ Pasture regeneration will be slow or stagnate.