



## KMD 10 DAY AGROMETEOROLOGICAL BULLETIN



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DEKAD 23 PERIOD: 11TH – 20TH AUGUST 2025.

### 1.0 HIGHLIGHTS

**Precipitation:** Most regions across the country experienced above-normal rainfall relative to the long-term average for this period except for North-Eastern and coastal which recorded below normal rainfall. Most parts of the country benefited from enhanced rainfall, however, the North-Eastern and Coastal regions remain vulnerable due to suppressed precipitation.

**Rainfall Extremes:** Eldoret-AP station in Rift valley region recorded the highest rainfall of 126.2mm, followed by Kakamega in the Western region with 97.2mm.

**Soil Moisture:** Most high-potential agricultural zones (Western, Central, Rift Valley) maintained favorable soil moisture conditions which is favorable for crop development and pasture growth.

**Temperature Trends:** A decrease in mean air temperature was experienced in most parts of the country, except for Northern and Coastal region which experienced high temperatures compared to the previous dekad.

**Evaporation:** Total pan evaporation slightly decreased across several parts of the country, generally improved water balance conditions, cushioning crops and pastures against rapid drying in most regions.

**Forecast (Next 10 Days):** Rainfall is expected in a few areas in the highlands both east and west of the Rift Valley and Northwestern Kenya. These rains

are anticipated to further support crop and pasture growth, particularly in areas where soil moisture is already favorable.

**Wind Conditions:** Strong southerly to southeasterly winds, exceeding 25 knots (12.86 m/s), are expected over the Coast (and Kenya territorial waters), Southeastern Lowlands, Northeastern, and Northwestern regions of the country.

### 2.0 REGIONAL WEATHER AND AGRICULTURAL CONDITIONS

#### 2.1 Western and Nyanza Regions

Several stations in these regions experienced above normal rainfall compared to the Long-Term Mean for the dekad.

**Kakamega:** Recorded rainfall of 97.2mm. Mean air temperature slightly decreased to 20.6°C. Maize harvesting is complete.

**Kisii:** Received 72.3 mm of rainfall, above LTM of 55.8mm. Temperature decreased to 19.5°C. Most farmers are harvesting maize crops.

**General Outlook:** Increase in rainfall amounts is favorable for agricultural activities in the region.

#### 2.2 Rift Valley Region

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

**Kericho:** Recorded 96.1mm of rainfall; temperature decreased from 18.0°C to 17.5°C. Maize harvesting is complete.

**Kitale:** Recorded 31.6 mm of rainfall; mean air temperature decreased to 18.0°C. Bean crop has been harvested.

**Eldoret:** Recorded rainfall amount of 43.4 mm; mean temperature decreased to 16.3°C.

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

## 2.3 Central and Nairobi Regions

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

**Thika:** Recorded 19.4mm of rainfall; mean air temperature slightly decreased from 19.2°C to 18.7°C. Maize harvesting is ongoing.

**Dagoretti:** The station recorded 54.0mm of rainfall; mean air temperature slightly decreased to 17.0°C. Maize crop has attained maturity but farmers have left it in the farms to dry fully.

**Kabete:** Recorded 47.1mm of rainfall; maize crop has not dried up fully.

**Nyeri:** Received rainfall of 55.6 mm; mean air temperature remained at 16.8°C. Maize crop is at early maturity stage.

**General Outlook:** Prevailing conditions have generally supported ongoing agricultural activities. The cold conditions have slowed down the drying of maize, preventing it from fully maturing.

## 2.4 Eastern Region

Most stations reported above-average rainfall in the region with broken cloud cover dominating during the dekad.

**Meru:** Recorded 26.9mm of rainfall, temperature remained at 17.3°C. Land preparations ongoing.

**Embu:** Received 25.5 mm of rainfall; temperature slightly increased to 18.1°C. Maize harvesting is ongoing.

**Katumani:** Received 6.6mm of rainfall; the mean air temperature slightly decreased from 17.5°C to 17.4°C. No activities on the farms.

## 2.5 Coastal Region

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

Soil moisture levels are still conducive for crop development and pasture growth in the region.

**Mtwapa:** Received 4.3 mm of rainfall which was below its Long-Term mean; temperature increased to 25.4°C. Maize harvesting is ongoing.

**Msabaha:** Rainfall at 4.2 mm below its Long-Term Mean; mean air temperature slightly increased to 25.9°C. Maize harvesting is going on.

## 2.6 North Eastern Region

The region reported below-normal rainfall during the review period.

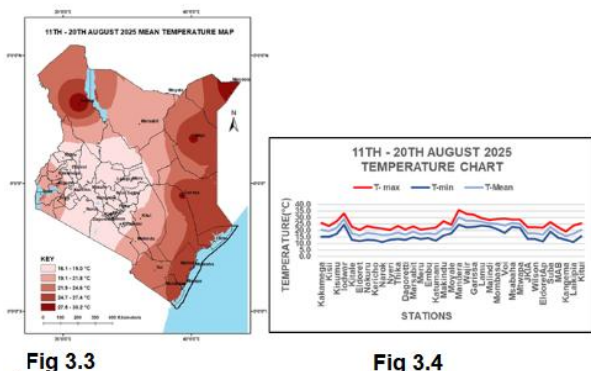
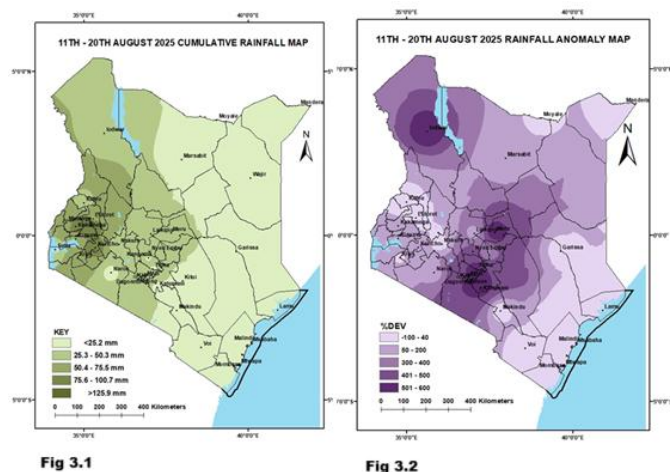
The region experienced a slight increase in mean air temperatures ranging between 27.7°C in Garissa to 30.°C in Mandera.

Soil moisture levels have decreased and this calls for preservation of pasture in the region for the next dry season.

Broken cloud cover dominated the region.

## 3.0 DEKAD 23 AUGUST 2025 RAINFALL, TEMPERATURE & WRSI MAPS / CHARTS

STATION	Cumulative RF from the beginning of JJA	Maximum Consecutive Wet days during Dekad	Maximum Consecutive dry days during Dekad	Number of rainy days during Dekad
Kakamega	740.21	3	1	4
Kisii	451.26	3	1	4
Kitale	564.39	3	2	1
Kericho	480.21	4	2	6
Nyeri	94.88	4	4	2
Thika	32.14	3	5	2
Dagoretti	117.32	3	2	3
Meru	43.21	6	3	3
Embu	97.04	4	3	2
Katumani	8.51	2	5	0
Msabaha	302.79	1	6	0
Mtwapa	245.33	1	3	0
Kabete	117.45	3	4	2



#### 4.0 EXPECTED WEATHER, SOIL AND CROP CONDITIONS DURING THE NEXT TEN (10) DAYS 21<sup>ST</sup> – 31<sup>ST</sup> August 2025.

## Western, Nyanza, and South Rift Valley

**Expected Conditions:** The regions are expected to experience normal to below normal rainfall. Farmers may face reduced soil moisture levels, which could slow down agricultural activities in the region

## Central Region & Nairobi

**Expected Conditions:** Expected to experience normal to below normal rainfall.

Impact: Farmers are advised to practice soil and water conservation to maximize available moisture.

## North Western Region

**Expected Conditions:** Expected to receive below normal rainfall across the region.

**Impact:** Farmers should prioritize rainwater harvesting where possible and adopt water-

saving practices while Pastoralists are advised to conserve pasture and plan for livestock feed alternatives.

## North Eastern Region

**Expected Conditions:** Expected to remain mostly dry, with below-normal rainfall forecast across most areas.

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

## South-Eastern Lowlands

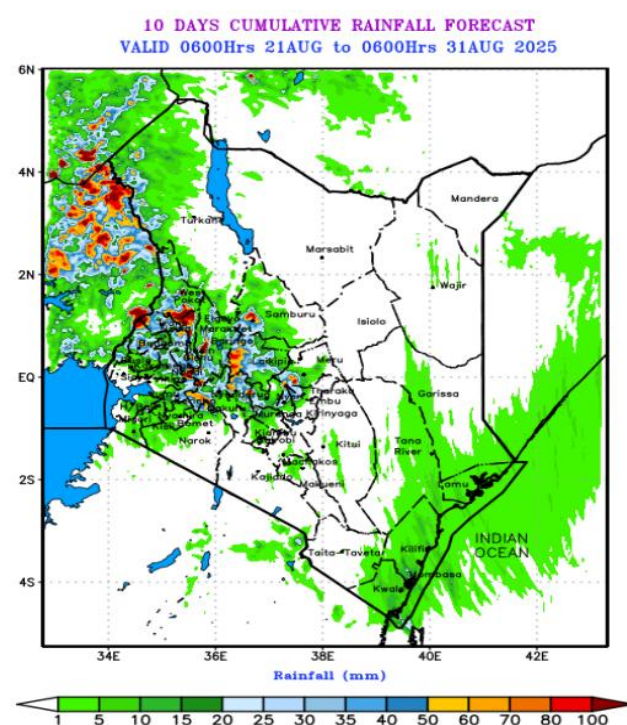
**Expected Conditions:** Expected to remain mainly dry, with only light and occasional showers possible in isolated locations.

**Impact:** Livestock keepers are advised to conserve pasture and plan for alternative feed sources in anticipation of a prolonged dry spell.

## Coastal Counties

**Expected Conditions:** Expected to experience occasional light to moderate rainfall, with amounts ranging from near-normal to slightly below-normal.

**Impact:** The showers will be beneficial for coconut, cashew nuts, cassava, and horticultural crops farmers.





## **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 remain vigilant for outbreaks of pests such as fall army worm, locusts, and cutworms, which tend to thrive under intermittent dry and wet conditions.

#### **Pastoralists:**

Pastoralists are encouraged to conserve available pasture, use controlled grazing, and plan migration carefully to avoid conflict.

With hotter than normal conditions expected in the North and East, livestock may suffer from heat stress and disease outbreaks. Veterinary services should be sought for timely vaccination and treatment.

#### **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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