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MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY
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KENYA METEOROLOGICAL DEPARTMENT

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AGROMETEOROLOGICAL BULLETIN DEKAD 22: 11TH – 20TH AUGUST 2026.



Highlights

Most parts of the country are expected to remain generally dry during the dekad, with rainfall likely over parts of Western Kenya, the Rift Valley and Central Highlands, particularly Bungoma, Transzoia, Uasingishu, Elgeyo-Marakwet, Kericho, Nakuru, Nyandarua and Nyeri. Cool and cloudy conditions are expected intermittently over parts of the Central and Eastern Highlands, which will help conserve soil moisture. The expected rainfall will generally support crop growth and pasture regeneration in the receiving areas, although high humidity and wet conditions may increase fungal disease incidence and occasionally delay harvesting.

In contrast, the ASAL counties are expected to remain predominantly sunny and dry, with increased evapotranspiration, persistent soil-moisture deficits, limited pasture regeneration and increased livestock water requirements.

1.0 Expected Weather Conditions for The Next Ten Days 11th – 20th August 2026

Most parts of the country will remain generally dry. Rainfall is expected in a few parts of Bungoma, Transzoia, Uasingishu, Busia, Kakamega, Nandi, Kericho, Nakuru, Narok, Elgeyo-Marakwet, West Pokot, Baringo and Samburu, mainly during the afternoons, with isolated night showers over Bungoma and Trans Nzoia. Afternoon showers may also occur over parts of Embu, Meru, Tharaka-Nithi, Kirinyaga, Nyeri, Laikipia, Nyandarua, Murang'a and Kiambu.

Morning cloudiness and cool conditions are expected intermittently over parts of Central and Eastern Kenya, including Embu, Kiambu, Kirinyaga, Laikipia, Meru, Murang'a, Nairobi,

Nyandarua, Nyeri, Tharaka-Nithi, Nakuru, Machakos, Kajiado, Taita/Taveta, Marsabit and Wajir. Morning showers may occur in a few parts of Kwale, Mombasa and Kilifi.

Daytime temperatures exceeding 30°C are expected over much of Kilifi, Tana River, Lamu, Garissa, Wajir, Isiolo, Marsabit, Turkana, Bungoma, Busia and Kakamega, while minimum temperatures below 10°C are expected in some parts of the Central Highlands, Rift Valley and Taita-Taveta.

Agricultural implications: The expected rainfall over Western Kenya and parts of the Rift Valley will maintain or improve soil moisture and support crop growth and pasture regeneration. Farmers should take advantage of dry intervals to harvest mature crops, while maintaining drainage and monitoring crops for fungal diseases. In dry areas, farmers and pastoralists should conserve soil moisture and pasture, harvest rainwater where possible and ensure adequate livestock water and supplementary feed.

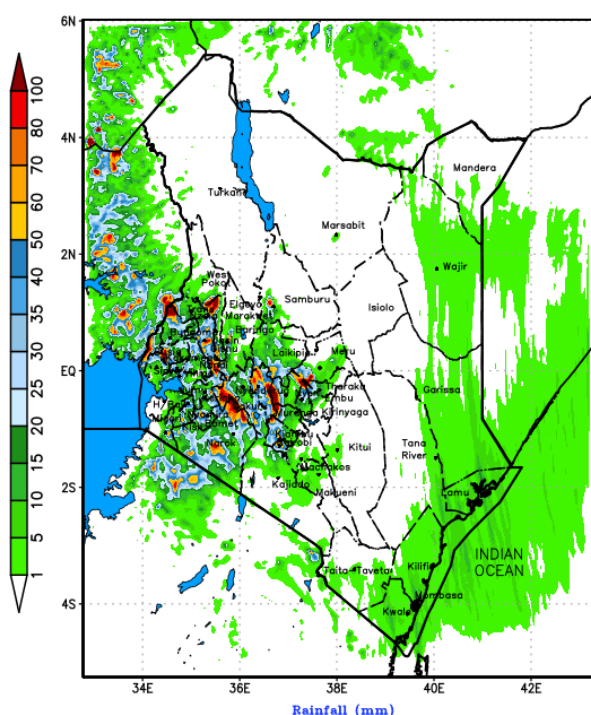


Figure 1: Cumulative Rainfall Forecast for the period 11th - 20th August 2026

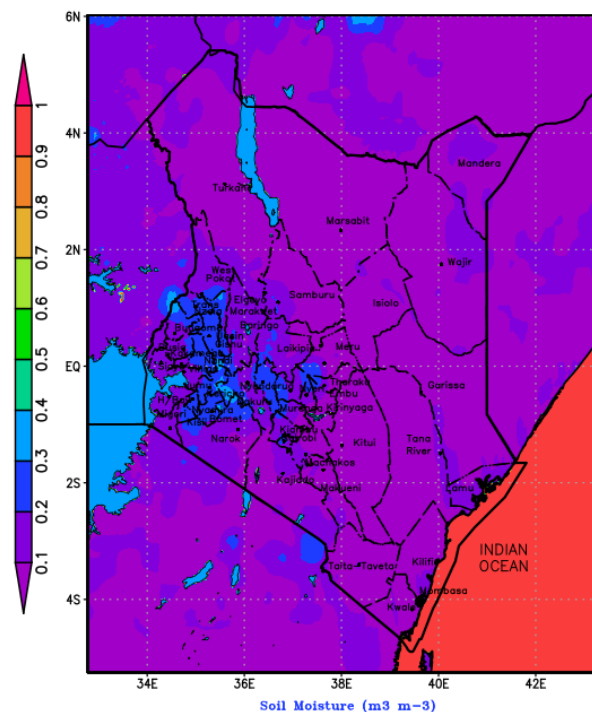


Figure 2: Soil moisture Forecast for the period 11th - 20th August 2026

2.0 COUNTY WEATHER OUTLOOK FOR THE NEXT 10 DAYS

COUNTY	Forecast weather	Expected Crop and Livestock condition	Advisories
Mombasa, Kwale, Kilifi, Tana River and Lamu	Generally sunny and warm, with morning showers possible over a few coastal areas	Fair pasture conditions and localized crop growth; warm conditions may increase	Harvest mature crops during dry periods, maintain drainage, monitor fungal diseases where

		evapotranspiration and livestock water demand.	rainfall occurs and ensure adequate livestock water.
Taita Taveta	Mostly sunny and warm with isolated light showers.	Low to moderate soil moisture; harvesting conditions remain generally favorable.	Conserve soil moisture, harvest mature crops, conserve fodder and provide supplementary feed and water where necessary
Garissa Wajir Mandera	Mostly sunny with isolated cloudy mornings.	Limited pasture regeneration and declining water availability.	Conserve pasture, practice rotational grazing and provide supplementary livestock feed and water.
Marsabit Isiolo	Cool and cloudy mornings with isolated light showers, followed by mainly sunny conditions.	Favorable soil moisture and reduced evapotranspiration support crop growth.	Continue routine crop husbandry, monitor fungal diseases and maintain good drainage.
Meru Tharaka-Nithi Embu	Cool and cloudy mornings with isolated light showers are expected during the first half of the dekad, followed by mainly sunny condition.	Soil moisture will remain favorable for crop growth while cool conditions reduce evapotranspiration.	Continue routine crop husbandry, monitor fungal diseases and maintain good drainage.
Kitui Machakos Makueni Kajiado	Cloudy mornings followed by predominantly sunny and dry conditions.	Moisture stress may persist in rain-fed areas, while harvesting conditions remain favorable.	Conserve soil moisture, irrigate high-value crops where possible, harvest rainwater and provide supplementary livestock feed and water.
Nyandarua Nyeri Murang'a	Cool and cloudy with occasional light to moderate rainfall, especially in Nyandarua.	Adequate soil moisture will support crop growth	Continue fertilizer application and weeding, monitor fungal diseases and maintain proper drainage.
Kirinyaga, Kiambu and Nairobi	Morning cloudiness with occasional light rainfall and cool conditions; afternoon showers may occur.	Soil moisture expected to remain adequate for crop production.	Continue routine crop management, monitor diseases favored by cool conditions and conserve soil moisture

Turkana, West Pokot, Samburu, Elgeyo Marakwet, Baringo and Laikipia	Turkana mainly hot and dry; occasional afternoon showers expected in parts of the other counties.	Rainfall will improve pasture and crop conditions in receiving areas, while moisture stress persists in Turkana.	Practice rotational grazing, conserve pasture, harvest rainwater where possible and provide supplementary livestock feed and drinking water in drier areas.
Trans Nzoia, Uasin Gishu, Nandi, Nakuru Narok, Kericho and Bomet	Afternoon showers and thunderstorms expected over several days.	Favorable soil moisture will support maize development, harvesting and pasture regeneration; high humidity may increase fungal diseases.	Harvest mature crops during dry intervals, maintain field drainage and monitor crops for pests and diseases.
Kakamega, Vihiga, Bungoma, Busia, Siaya, Kisumu, Homa Bay, Migori, Kisii and Nyamira	Morning sunshine followed by afternoon light to moderate showers and occasional thunderstorms.	Good soil moisture will support crop growth and pasture regeneration, although prolonged wetness may delay harvesting and increase fungal diseases.	Continue routine crop husbandry, monitor pests and fungal diseases, maintain proper drainage and harvest mature crops promptly during dry intervals.

3.0 WEATHER, SOIL AND CROP CONDITIONS DURING 1ST -10TH AUGUST 2026

3.1 Rainfall

Rainfall during this dekad was generally concentrated over parts of the Rift Valley, Western and Nyanza regions, while most stations in the Eastern, Central, Northern and parts of the Coastal regions received little or no rainfall. The highest rainfall total was recorded at Kericho (117.2 mm), followed by Eldoret Airport (108.61 mm), Nakuru (108.2 mm), Kisii (78.7 mm), Eldoret (74.5 mm), Kakamega (71.1 mm) and Kitale (62.91 mm). Other notable rainfall totals included Lamu (31.9 mm), Malindi (29.11 mm), Nyahururu (25.9 mm) and Kisumu (23.6 mm).

Several stations recorded very low or no rainfall, including Lodwar, Narok, Dagoretti, Marsabit and Thika, indicating continued dry conditions in parts of the country. Kericho recorded the highest number of rainy days (6), while Eldoret recorded 4 rainy days. The rainfall distribution resulted in favorable moisture conditions in the wetter areas, while moisture deficits persisted in the drier areas.

The rainfall received in Western Kenya and the Rift Valley was generally beneficial for crop and pasture conditions, but the occurrence of several consecutive wet days in areas such as Kericho may have implications for harvesting, drying and storage of agricultural produce **figure 3**

3.2 Temperature

Mean air temperatures during Dekad 22 remained relatively moderate across most of the sampled stations, although warmer conditions persisted in northern Kenya. The highest mean temperature was recorded at Lodwar (30.63°C), followed by Kisumu (23.76°C), Kakamega (22.14°C), Kisii (22.01°C), Kitale (19.30°C), Marsabit (19.42°C), Thika (19.03°C), Nakuru (19.56°C), Kericho (18.10°C) and Eldoret (17.76°C).

Compared with Dekad 21, mean temperatures generally decreased at most stations. The largest decrease was recorded at Kericho (-0.65°C), followed by Thika (-0.79°C), Nyeri (-0.95°C), Eldoret (-0.29°C), Nakuru (-0.39°C) and Kakamega (-0.15°C). The relatively cool conditions, particularly in the highlands, may slow the drying of harvested crops and increase the risk of moisture retention in inadequately dried produce **figure 4 and 5**.

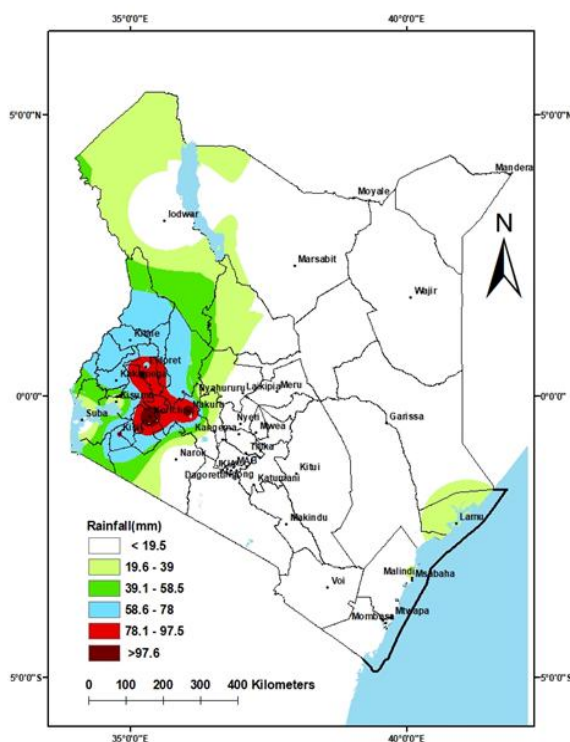


Figure 3: Cumulative observed rainfall for the period 1st - 10th August 2026

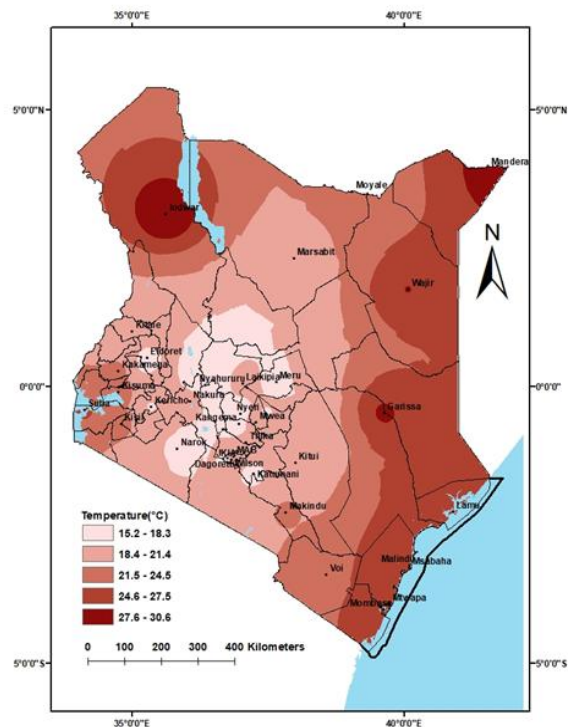


Figure 4: Observed mean air temperature for the period 1st - 10th August 2026

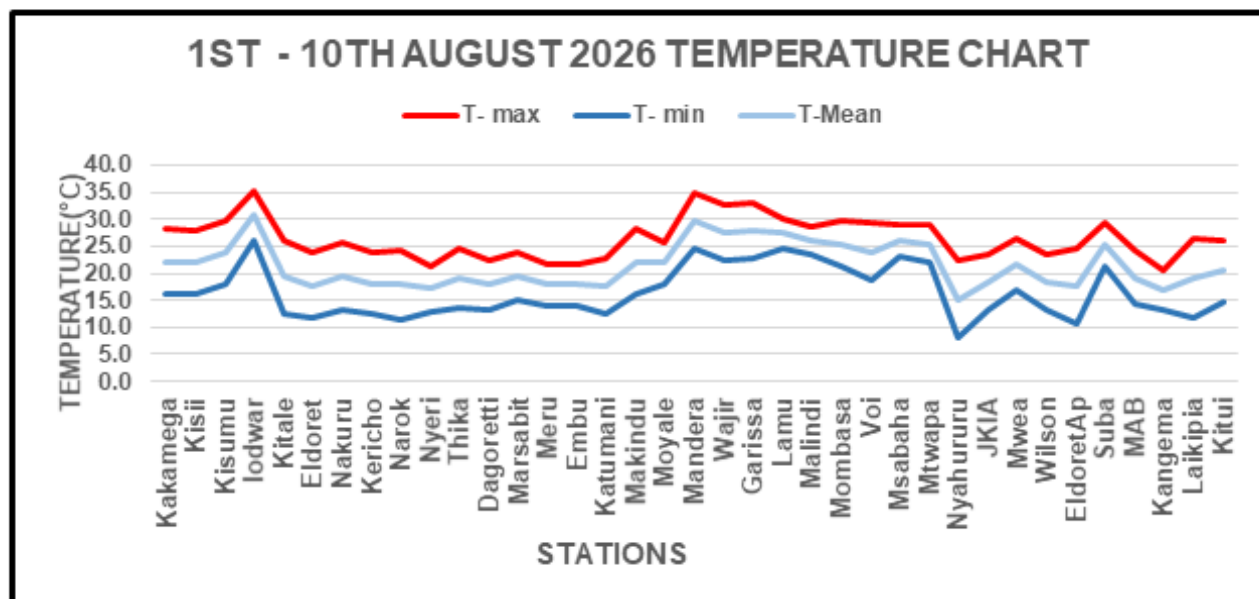


Figure 5: Observed Temperature for the period 1st - 10th August 2026

REGIONAL WEATHER AND AGRICULTURAL CONDITIONS

1. Western and Nyanza Regions

Rainfall was relatively high in several stations, with Kakamega receiving 71.1 mm, Kisii 78.7 mm and Kisumu 23.6 mm. The rainfall maintained favorable moisture conditions for crops and pasture. However, the wet conditions may interfere with harvesting and drying of mature crops. Farmers should harvest during dry intervals and ensure adequate drying before storage.

2. Rift valley Region

The region recorded some of the highest rainfall totals, with Kericho receiving 117.2 mm, Eldoret Airport 108.61 mm, Nakuru 108.2 mm, Eldoret 74.5 mm and Kitale 62.91 mm. These rains improved soil moisture and supported pasture and crop conditions. However, the wet conditions may delay harvesting and drying, particularly for maize and other mature crops. Farmers should prioritize harvesting during dry periods, provide adequate drying facilities and monitor stored produce for mold and pests.

3. Central and Nairobi Region

Rainfall was generally low. Nyeri recorded 3.01 mm, Thika 0.01 mm, while Dagoretti received no rainfall. These dry conditions favored harvesting and drying activities. However, farmers should ensure that produce is adequately dried and stored in protected facilities to prevent post-harvest losses.

4. Eastern Region

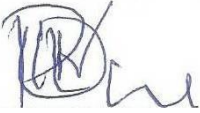
Rainfall remained low, with Embu recording 0.9 mm and Meru 0.9 mm. The relatively dry conditions were favorable for harvesting and post-harvest handling. Farmers should take advantage of the dry weather to complete harvesting, drying and storage while continuing to conserve available soil moisture.

5. Coastal Region

Rainfall was generally low to moderate, with Lamu recording 31.9 mm, Malindi 29.11 mm, Mtwapa 13.82 mm and Msabaha 7.8 mm. Warm conditions supported drying of harvested produce, although farmers should protect produce from occasional rainfall and.

6. Northeastern Region

Most stations remained dry, with Lodwar and Marsabit recording no rainfall. Lodwar recorded a mean temperature of 30.63°C, indicating warm conditions that favor rapid drying. Farmers and pastoralists should continue to conserve water and pasture resources while protecting harvested produce from excessive heat, pests and dust.



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