REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY

STATE DEPARTMENT FOR ENVIRONMENT & CLIMATE CHANGE

KENYA METEOROLOGICAL DEPARTMENT

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AGROMETEOROLOGICAL BULLTETIN DEKAD 17: 21ST – 30TH JUNE 2026.

Highlights

Rainfall is mainly expected over the Coast, Highland West and East of the Rift Valley, with generally dry conditions over most parts of the country. These conditions will likely to lead to a reduction in soil moisture levels, particularly in Arid and Semi-Arid areas. Water levels in rivers, dams, pans, and other water sources may decline due to limited rainfall and increased evaporation. Temperatures are expected to be cold and cloudy especially over the Highlands East of the Rift Valley which will reduce daytime temperatures.

1.0 Expected Weather Conditions for the next ten days 21ST – 30TH June 2026

Rainfall is expected in the following Counties of Mombasa, Kilifi, Lamu, Kwale, Siaya, Kisumu, Homabay, Migori, Kisii, Nyamira, Trans Nzoia, Baringo, Uasin Gishu, Elgeyo Marakwet, Nandi, Nakuru, Narok, Kericho, Bomet, Kakamega, Vihiga, Bungoma, Busia, West Pokot, Nyandarua, Laikipia, Nyeri, Kirinyaga, Murang'a, Kiambu, Meru, Embu, Tharaka Nithi and Nairobi Counties as shown in **Figure 1** below.

Soil moisture is expected to be adequate in areas receiving rainfall, particularly in the Coast and parts of the Highlands East and West of the Rift Valley**.** The anticipated rainfall, coupled with the cool and cloudy conditions, is likely to reduce evaporation losses and support the maintenance of soil moisture levels and plant water content as shown in **Figure 2** below .

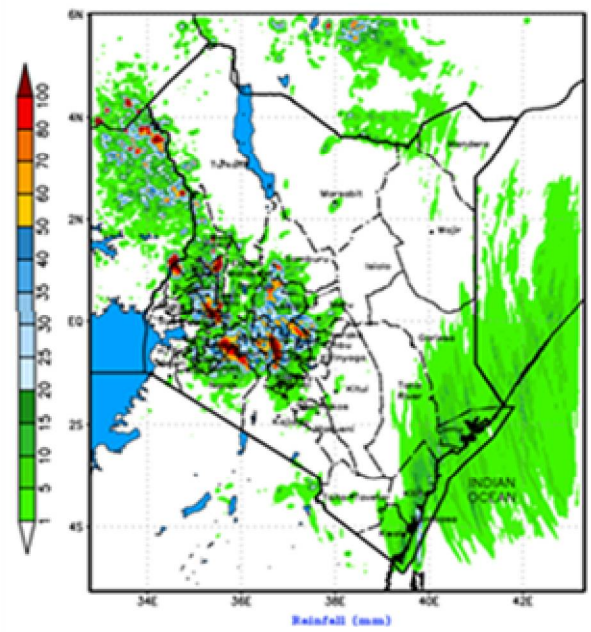

Figure 1: Cumulative rainfall forecast for the period 21 – 30 June 2026

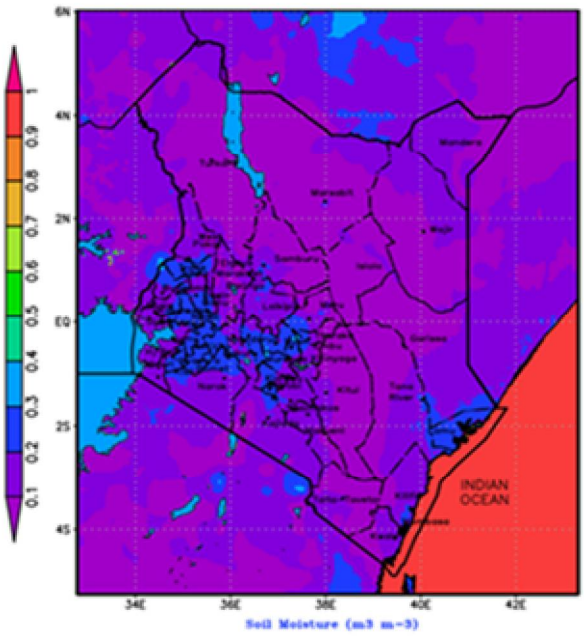

Figure 2: Soil moisture forecast for the period 21 – 30 June 2026

General Advisory

Farmers to harvest and properly store mature crops to minimize post-harvest losses. Livestock farmers should ensure adequate water supply and consider strategic feed supplementation where pasture conditions are declining and also to regularly monitor weather updates and follow guidance from agricultural extension officers to support timely decision-making and reduce weather-related risks.

2.0 WEATHER, SOIL AND CROP CONDITIONS DURING 11TH – 20TH JUNE 2026

2.1 Rainfall

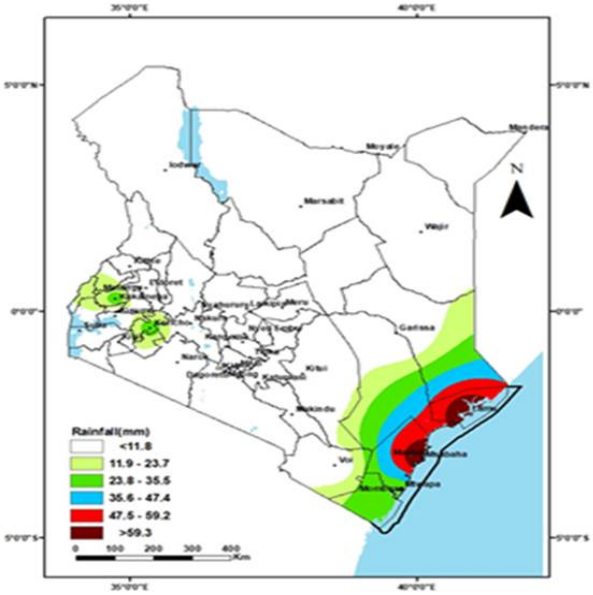

Figure 3: Cumulative observed rainfall for the period 11 – 20 June 2026

Most parts of the country were generally dry as shown in **Figure 3**. The highest amount of rainfall was recorded along the Coastal region at Msabaha with a total of 71.3 mm, followed by Lamu with a total of 68.8 mm. Low rainfall was recorded in Kericho, Kakamega

Most areas over the Highlands East of the Rift Valley including Nairobi experienced increased cloud cover during the dekad under review.

The reduced evaporation under more cool and cloudy conditions helped to conserve the available soil moisture and plant water content.

2.2 Temperature

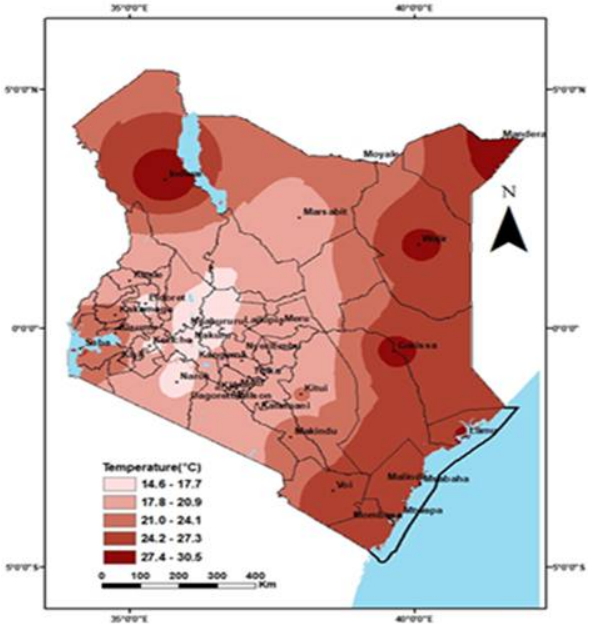

Figure 4: Observed mean air temperature for the period 11 – 20 June 2026

Mean air temperatures decreased across most parts of the country during the review period compared to previous dekad. The following Counties of Turkana, Samburu, Marsabit, Mandera, Wajir, Garissa, Isiolo, Baringo, Elgeyo Marakwet and West Pokot recorded the highest mean temperatures. The Counties of Nyandarua, Laikipia, Nyeri, Kirinyanga, Murang'a, Kiambu, Narok and Nairobi recorded the lowest mean temperature. The reduced sunshine hours may affect crop drying and harvesting operations.

During Dekad 16, mean air temperatures decreased compared to Dekad 15, resulting in cooler weather conditions across many parts of the country. The cooler temperatures created a more favorable environment for crop growth by reducing heat stress and lowering evapotranspiration rates as shown in **Figure 5** below.

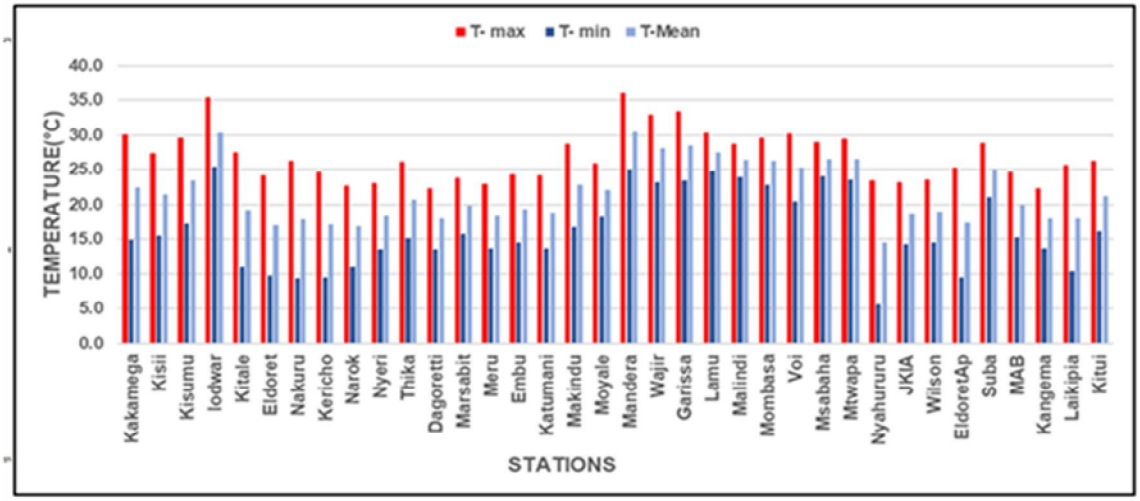

Figure 5: Observed temperatures for the period 11 – 20 June 2026

REGIONAL WEATHER AND AGRICULTURAL CONDITIONS

1. Western and Nyanza Regions

Most stations in the region recorded below normal rainfall relative to the long-term mean (LTM) during the dekad. Kakamega recorded 32.4 mm of rainfall, and mean air temperature decreased from 23.2°C to 22.5°C with its maize crop at maturity stage. Kisii received 8.6 mm of rainfall,and mean air temperature slightly increased from 21.3°C to 21.5°C and its maize crop is doing well but beans were affected by excessive rains.

2. Rift Valley Region

Most stations in the region recorded below normal rainfall compared to the Long-Term Mean (LTM) for the dekad. Kericho recorded 31.6 mm of rainfall, and reduced mean air temperature at 17.1°C with its maize crop at flowering stage. Kitale's mean air temperature slightly decreased from 19.7°C to 19.2°C, its crops are not doing well due to depressed rainfall. The mean air temperature at Eldoret slightly decreased from 17.4°C to 17.0°C.

3. Central and Nairobi Region

Several stations within the region received below rainfall compared to the Long-Term Average of the dekad. Thika recorded 0.1mm of rainfall with mean air temperature slightly reducing from 22.1°C to 20.6°C and its beans have been harvested. Dagoretti recorded 0.11mm of rainfall, and mean air temperature slightly decreased from 18.6 °C to 17.9°C and crops are doing well. Kabete recorded 4.4 mm of rainfall and its maize crop is at flowering stage. Nyeri recorded 4.7 mm of rainfall, and mean air temperature slightly decreasing to 18.3°C, its maize crop is at wax ripening stage.

4. Eastern Region

Most stations across the region recorded depressed rainfall amounts. Meru recorded 3.2 mm of rainfall with mean air temperature slightly decreasing to 19.3°C, and its beans have been harvested. Embu recorded 6.9 mm of rainfall with mean air temperature decreasing to 19.4°C, while its bean crop is at maturity stage. Katumani's mean air temperature slightly decreased from to 19.5°C to 19.4°C and its crops are doing well.

5. Coastal Region

Most stations in the region recorded low rainfall amounts in comparison to the LTM. Mtwapa recorded 33.8 mm of rainfall with mean temperature remaining at 26.5°C and its crops are doing well. Msabaha recorded 71.3 mm of rainfall with mean temperature slightly increasing from 26.4°C to 26.5°C.

6. Northeastern Region

Most stations in the region recorded below-normal rainfall during the period under review compared to the long-term mean. The mean temperature decreased ranging from Garissa at 28.4°C to Mandera at 30.5°C during the period.

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