



REPUBLIC OF KENYA

MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY STATE DEPARTMENT FOR ENVIRONMENT AND CLIMATE CHANGE

KENYA METEOROLOGICAL DEPARTMENT

Dagoretti Corner, Ngong Road, P. O. Box 30259, 00100 GPO, Nairobi, Kenya

Telephone: 254 (0) 20 3867880-7, **Fax:** 254 (0) 20 3876955/3877373/3867888,

E-mail: director@meteo.go.ke, info@meteo.go.ke; **Website:** <http://www.meteo.go.ke>

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WEEKLY BIOMETEOROLOGICAL BULLETIN FOR 1ST – 7TH SEPT 2026

SUMMARY

Cool cloudy conditions in the mornings will dominate over Nairobi, with low minimum temperatures anticipated over Tharaka Nithi, Nyeri, Kirinyaga, Nakuru, Laikipia, Kajiado and Nyandarua (Nyahururu) Counties increasing the risk of respiratory illnesses, asthma and other cold-related health complications.

1.0 FORECAST FOR 1ST – 7TH SEPT 2026 AND IMPACTS ON HEALTH

1.1 RAINFALL FORECAST

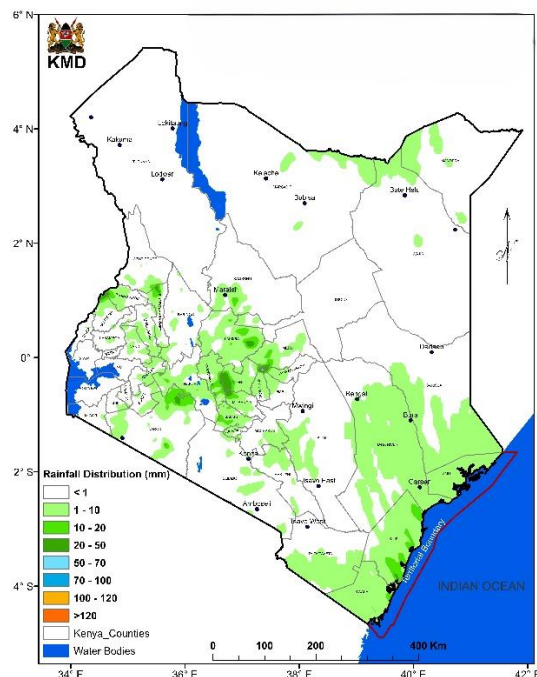


Figure 1: Forecasted cumulative seven-day rainfall for 1st – 7th Sept 2026

WEEKLY BIOMETEOROLOGICAL BULLETIN

Rainfall is expected to be depressed in most parts of the Country. However, Occasional light Showers and thunderstorms are expected over isolated-few parts of Bungoma, Busia, Kakamega, Vihiga, Trans-Nzoia, Nandi, Kericho, Narok, Elgeiyo Marakwet, Nakuru, Kisumu, Uasin Gishu and Bomet Counties.

Cool and cloudy conditions with occasional isolated light rains over few places will prevail over much of Nyeri, Kirinyaga, Nairobi, Murang'a, Kiambu, Embu, Meru, Laikipia and Nyandarua (Nyahururu) Counties on most days of the week.

Isolated light showers are expected over few parts of Lamu, Kilifi, Mombasa, Kwale, Taita Taveta, Garissa, Kwale and parts of Tana River Counties.

Total weekly rainfall exceeding 50 mm is not expected in any County as shown in Figure 1.

Impacts on Health

During the forecast period, moderate risk of flooding is expected over the Counties likely to receive rainfall, with a moderate risk of vector-borne diseases such as malaria, chikungunya and dengue. There is low risk of Rift Valley fever in susceptible regions, while the risk of waterborne diseases and anthrax outbreaks remain low. The generally reduced rainfall and limited flooding conditions will lead to no disruption of health services with very low risk of drowning.

Advisory

To reduce health risks during the rainy period, communities are advised to sleep under treated mosquito nets and eliminate stagnant water, use safe drinking water, wear gumboots and avoid walking bare feet in wet areas. Vaccinate livestock against anthrax and Rift Valley fever, avoid consuming meat from animals that die suddenly and instead buy inspected meat from licensed butchers and prevent accidents by avoiding flooded or landslide-prone areas and not sheltering under trees during rainfall.

1.2 TEMPERATURE FORECAST

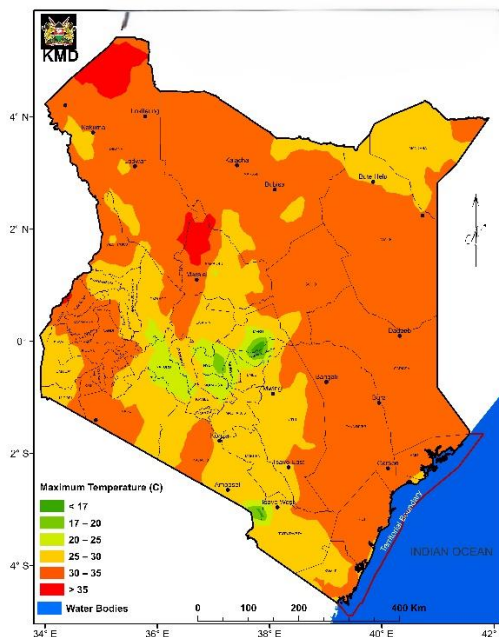


Figure 2: Forecasted average maximum temperature for 1st – 7th Sept 2026

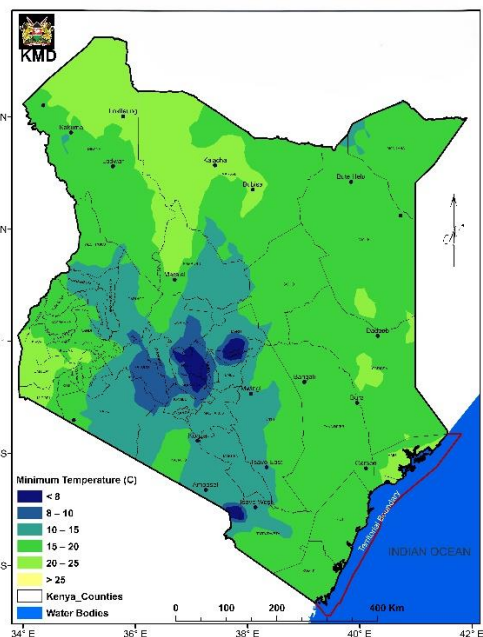


Figure 3: Forecasted average minimum temperature for 1st – 7th Sept 2026

Maximum temperatures in most parts of the country are expected to be close to the maximum temperatures as usually observed during this period. The average maximum temperatures will exceed 30°C, over Wajir, Garissa, Mandera, West Pokot, Turkana, Isiolo, Baringo, Samburu, Kisumu, Homabay, Bungoma, Siaya, West Pokot, Migori and Taita Taveta Counties during the forecast period as shown in Figure 2 above. Minimum temperatures are expected to be lower than normal in Tharaka Nithi, Meru, Nakuru, Kericho, Laikipia, Nairobi, Kirinyaga, Kiambu, Narok Machakos, Bomet, Kitale, Nyeri, Kajiado, Narok, Eldoret with temperatures less than 10°C expected over parts of Kericho, Nandi Hills, Uasin Gishu, Trans-Nzoia, Murang'a and Nyandarua (Nyahururu) Counties during the forecast period as shown in Figure 3 above.

Impacts on Health and Advisory

A high risk of respiratory illnesses is expected including conditions such as common cold, pneumonia, flu, bronchitis, influenza and asthma. There is also a high risk of cardiovascular complications, particularly affecting children, the elderly and individuals with pre-existing chronic illnesses. These vulnerable groups remain at higher risk of severe health impacts during the forecast period. The health advisory is; dress warmly and limit exposure to cold, especially for the vulnerable populations.

1.3 STRONG WINDS



Strong southerly to south-easterly winds with speeds exceeding 25 knots (12.9m/s) are expected to prevail over parts of Marsabit, Meru, Garissa, Isiolo, North of Turkana, Taita Taveta, and Tana River Counties.

Impacts on Health and Advisory

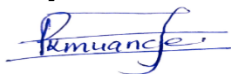
There is a high risk of increased respiratory illnesses and asthma due to dust carried by strong winds, increased eye sensitivity especially among older people and possible property destruction as well as disruption of health care services in some areas. The health advisory is; limit outdoor exposure and wear a mask when it is dusty.

2.0 REVIEW FOR PREVIOUS WEEK (24TH – 30TH AUG 2026)

In the last one week, rainfall decreased in all counties with most parts of the country remaining dry. No Station recorded cumulative rainfall above 50mm. Stations that recorded average weekly maximum temperatures exceeding 30°C during the forecast period included Mandera (36.8°C), Lodwar (36.2°C), Wajir (34.6°C), Garissa (34.2°C), Kisumu (32.8°C) and Kakamega (31.3°C). During the reporting period, Nyahururu station recorded 7-day average minimum temperatures below 10°C, notably (4.0°C). Strong winds of 25 knots and above were observed over parts of the country, particularly at Marsabit and Garissa stations, during the reporting period.

N.B: Persons are encouraged to take proactive measures to safeguard their lives and communities against the anticipated weather conditions.

This Bulletin should be used in conjunction with the daily (24-hour), five-day and weekly forecasts issued by this Department.



For: Ag DIRECTOR OF KENYA METEOROLOGICAL DEPARTMENT