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

REPUBLIC OF KENYA

TAITA TAVETA COUNTY

MONTHLY WEATHER FORECAST FOR SEPTEMBER, 2026

Forecast Period: 1st – 30th September, 2026

Ref No: MET/TITA/FCST/26/009 Date of Issue: 1st September, 2026

MONTHLY FORECAST FOR SEPTEMBER, OUTLOOK FOR THE NEXT THREE MONTHS (SEPTEMBER-OCTOBER-NOVEMBER) AND REVIEW OF AUGUST 2026

1.0 HIGHLIGHTS

1.1 Weather Outlook for September 2026

Generally sunny and dry conditions are expected over most parts of the county, with occasional near normal rainfall expected over few parts especially the southeast and high grounds. Mean temperatures are predicted to be warmer than average throughout the county.

In addition, strong southerly to south-easterly winds exceeding 25 knots (46 km/h) are likely to occur intermittently, especially over open areas. Daytime temperatures are expected to range between 16°C and 34°C, while nighttime temperatures will range between 8°C and 21°C, with the lower-temperature conditions occurring over the highland areas.

1.2 Outlook for September–October–November (SON) 2026

The forecast for the next three months indicates that most parts of the county are expected to experience sunny and dry weather conditions with occasional rainfall in September, and above average rainfall in October and November.

1.3 Review of August 2026

During August 2026, most parts of the county remained generally dry, with several areas like around Taita hills and parts of Taveta experiencing cool and cloudy conditions and light rains. Mean temperatures remained above average over most parts.

2.0 RAINFALL OUTLOOK FOR SEPTEMBER 2026

2.1 September Rainfall Climatology and Forecast

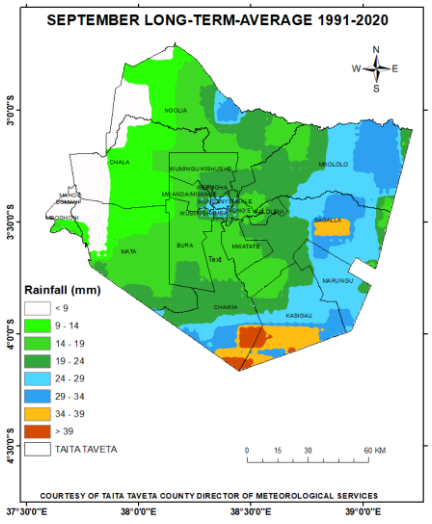


Figure 1: Sept Rainfall Long-Term-Average

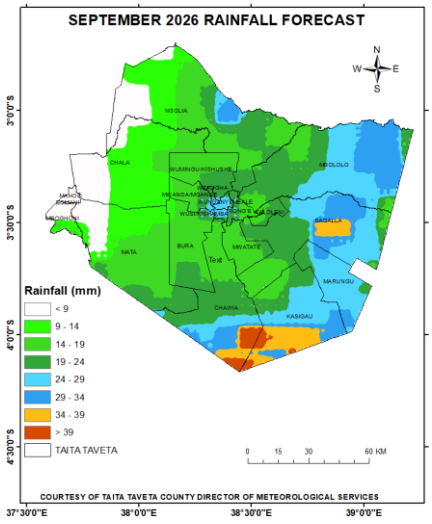


Figure 2: September 2026 Rainfall Forecast

Figure 1: September Rainfall long term average for the county. Refer the legend.

Figure 2: Generally sunny and dry conditions are expected over most parts of the county. However, cumulatively, light rainfall may occur during the month as indicated on the forecast map.

2.2 Rainfall, Temperature and Wind Outlook for September 2026

Occasional near normal rainfall is expected over few parts especially the southeast and high grounds. Most parts of the county are expected to experience strong southerly to south-easterly winds exceeding 25 knots (46 km/h) likely to occur intermittently, especially over open areas. Daytime temperatures are expected to range between 16°C and 34°C, while nighttime temperatures will range between 8°C and 21°C, with the coldest conditions occurring over the highland areas.

3.0 POTENTIAL IMPACTS

The following are the likely impacts of the September 2026 weather conditions in different sectors across the county.

3.1 Agriculture and Livestock

The expected sunny and dry weather conditions over most parts of the county may result in pasture and water shortages in those parts.

3.2 Transport and Infrastructure

Strong winds may damage infrastructure such as weak roofs and power lines. Increased dust levels may reduce visibility along dry roads, affecting road users. Occasional cool, cloudy conditions and fog over the Taita hills and along the border with Tanzania may lead to reduced visibility during the morning hours, posing risks to motorists.

3.3 Health

The expected dry weather conditions may lead to an increase in respiratory diseases. Strong winds and dry conditions may lead to dust storms, which may aggravate respiratory problems and increase the risk of eye infections.

3.4 Water Resources

Continued dry conditions may lead to a gradual decline in water levels in seasonal rivers, water pans and small reservoirs.

3.5 Disaster Risk Management

Strong winds may occasionally cause localized damage to weak structures, uproot trees and interfere with outdoor activities. Wild fires are also likely over few areas with dry vegetation.

NB: This outlook should be used together with the Weekly County Forecasts developed and availed by the County Meteorological Office, as well as any other weather updates and advisories that may be communicated when necessary.

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