



**REPUBLIC OF KENYA MINISTRY OF  
ENVIRONMENT, CLIMATE CHANGE & FORESTRY  
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## **CLIMATE OUTLOOK FOR JUNE 2024 and RAINFALL PERFORMANCE IN MAY 2024**

### **The Forecast for June 2024**

The June 2024 outlook predicts generally dry and sunny conditions for several parts of the county. The high ground areas are expected to receive morning drizzle and cloudy weather conditions over few areas. The areas around Mt Kenya forest (upper parts of Chongoria, Karingaani, Magumoni and Muthambi) expected to receive light rains over few places

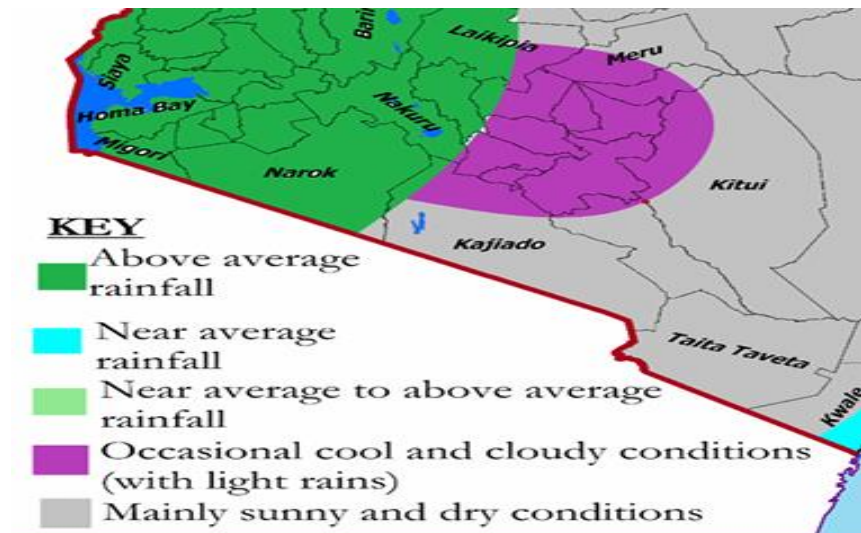
### **Weather Review for May 2024**

The month of May marked the cessation of the "Long Rains" season over most parts of the county. By the third week of May most places had recorded cessation. The first ten days of the month were wet and Materi girls station recorded a total of 52.9mm and the last date was 22<sup>nd</sup> May with 22.5mm, Then Nkondi pry station recorded total of 47.9mm and the last date was 21<sup>st</sup> May with 7.3mm, Ura gate recorded total of 60.5mm and the last date was 6<sup>th</sup> May with 9.2mm. Therefore cessation occurred earlier in the lower zone than in the upper zone. Hence this may have negative impacts on crop maturity in the lower zone.

### **The Forecast for June 2024**

The forecast for June 2024 is based on regression of sea surface temperatures (SSTs), SST gradients, and the expected evolution of global SST patterns as well as upper air circulation patterns over Western Kenya and the Coastal region. The forecast indicates that several parts of the county will be generally dry and sunny during the month of June 2024. However Occasional cool and cloudy conditions with light rains will be observed in the Higher ground, as the cold season gradually sets in. Additionally, occasional afternoon shower emanating from western Kenya may also be experienced over the higher ground areas.

## Rainfall Forecast for the month of June 2024



### Specific Outlook for Individual Areas

The High ground areas (including Chongoria, Muthambi, Karingani, Magumoni) are expected to experience occasional cool and cloudy (overcast skies) conditions, with occasional light morning rains/drizzle and foggy conditions. Few days are expected to be cold and chilly with daytime (maximum) temperatures falling below 18°C in various parts due to overcast skies. Occasional afternoon and evening showers are likely to occur in above areas. Northeastern parts (Mukothima, Gatunga and the belt along Meru National park on TN side) are likely to remain generally sunny and dry. South-eastern parts (Marimanti, Chiakaringa, Ingambangombe and others) are expected to be generally sunny and dry throughout the month.

### POTENTIAL IMPACTS OF THE JUNE FORECAST

#### Health Sector

Cases of respiratory diseases such as asthma attacks, pneumonia, flu, and the common cold are expected to increase over Tharakanithi County over the High grounds areas as the cold season gradually sets in. The public in these areas are advised to keep warm and avoid using charcoal jikos in poorly ventilated houses, as these jikos produce carbon monoxide gas, which can be lethal if inhaled.

## Transport and Public Safety

Fog formation in areas expected to experience cold and cloudy conditions may pose a danger to motorists due to low visibility. Drivers should exercise caution, especially along the Embu -Meru Highway . Light rains and drizzles may cause roads to become slippery, increasing the risk of accidents. All road-users are advised to take utmost care to minimize accidents resulting from these weather.

## Environment

Stakeholders are encouraged to seize this opportunity to maintain planted trees. It is also essential to implement measures to conserve the environment alongside tree planting efforts.

## Way Forward

Farmers are encourage

To use harvested water to irrigate their crops especially maize in order to realize full maturity.

To harvest their fodder and improve storage of the same for dry days ahead.

To harvest their mature cereals and enhance storage of the same