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 County Director of Meteorological Services Kitui County

Weekly Weather forecast for Kitui County

**1.1 PART I: WEEKLY FORECAST FOR THE PERIOD 4<sup>th</sup> to 10<sup>th</sup> February 2025 Weather forecast Table**

Sub County	Ward	Probable Total weekly amount (mm)	Probable weather							Winds (km/h kilometers per hour)	Temp (Tmax °C & Tmin °C)
			Notes: Light rains <1-5 mm; Moderate rains 5-20 mm; Heavy rains <5 mm; Very heavy rains >50 mm								
			Tue	Wed	Thur	Fri	Sat	Sun	Mon		
Mwingi West	Nguutani	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	Max 28-34 °C Min 15-21°C
	Kyome/Thaana	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Kiomo/Kyethani	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Migwani	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 21.6 km/h	
Mwingi North	Ngomeni	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	Max 30-36 °C Min 18-24 °C
	Kyuso	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Tseikuru	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Tharaka	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Mumoni	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	

Sub County	Ward	Probable Total weekly amount (mm)	Probable weather Notes: Light rains <1-5 mm; Moderate rains 5-20 mm; Heavy rains <5 mm; Very heavy rains >50 mm							Winds (km/h kilometers per hour)	Temp (Tmax °C & Tmin °C)	
			Tue	Wed	Thur	Fri	Sat	Sun	Mon	Weekly	Weekly	
Mwingi Central	Central	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	Max 31-36°C Min 17-22 °C
	Kivou	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Mui	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Waita	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Nuu	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Nguni	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
Kitui South	Ikanga/Kyatune	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	Max 29-35 °C Min 17-21 °C
	Mutomo/Kibwea	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Kanziko/Simisi	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Mutha	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 21.6 km/h	
	Ikutha	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Athi	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
Kitui East	Chuluni	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	Max 29-36 °C Min 16-22 °C
	Nzambani	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Mutito/Kaliku	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Zombe/Mwitika	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Voo/Kyamatu	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Endau/Malalani	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
Kitui Rural	Mbitini	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	Max 28-34 °C

Sub County	Ward	Probable Total weekly amount (mm)	Probable weather							Winds (km/h kilometers per hour)	Temp (Tmax °C & Tmin °C)
			Notes: Light rains <1-5 mm; Moderate rains 5-20 mm; Heavy rains <5 mm; Very heavy rains >50 mm								
			Tue	Wed	Thur	Fri	Sat	Sun	Mon		
	Kisasi	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	Min 16-20 °C
	Kyangyangi	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Yatta/Kwa Vonza	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
Kitui West	Kauwi	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	Max 26-33 °C Min 15-19 °C
	Mutonguni	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Matinyani	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Kwa Mutonga/Kithumula	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
Kitui Central	Kyangwithya East	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	Max 27-35 °C Min 16-21 °C
	Kyangwithya West	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Township	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Mulango	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	
	Miambani	0.0mm	No rain	No rain	No rain	No rain	No rain	No rain	No rain	Easterly 18.0 km/h	

## 1.2 Review for January 2025

Sunny and dry weather conditions prevailed over most parts of the County during the month of January. However, rainfall was received over several areas in the County during the fourth week of the month. This rainfall was near to below the January Long Term Mean (LTM).

## 1.3 Outlook for January 2024 to March 2025

The rainfall outlook for February 2025 is mainly based on empirical statistical models developed from the expected evolution of global Sea Surface Temperature (SST) anomalies and the Southern Oscillation Index (SOI). Currently, the Indian Ocean Dipole (IOD) is neutral and weak La Niña conditions are still present. The forecast indicates that most parts of the County will experience generally

sunny and dry conditions throughout the month. A few areas in the County are, however, likely to experience occasional rainfall during February 2025. Temperatures are also likely to be above average over the entire County.

## 1.4 PART II: FURTHER ADVISORIES

### **SUMMARY ABOUT THE WEEKLY FORECAST:**

Most parts of the County will experience sunny and dry weather conditions throughout the forecast period. Maximum temperatures are expected to range from 26°C - 35°C, while minimum temperatures are expected to range from 16°C - 24°C. Strong North easterly to Easterly winds with speeds exceeding 12.5 knots (6.5 m/s) are expected in most parts of the County. *Community members advised to inculcate the culture of being “weather – ready”, “climate – smart” and “water – wise” as we navigate the unfamiliar and chaotic environment of a changing climate. This will help them adapt to a changing climate while at the same time mitigating the adverse effects of Climate Change and Variability, hence becoming more resilient to the vagaries of Climate Change. In light of this weather forecast, farmers are also advised to consult with respective local extension officers from the County Ministry of Agriculture and Livestock at ward level for more advice on the best farm practices.*

**Note: 1 mm of rainfall is equivalent to 1 litre of rainfall per square meter.**

#### KEY OF SCIENTIFIC WORDS USED

Rainfall categories	
Range	Category
<5 mm	Light
5 - 20mm	Moderate
20 - 50mm	Heavy
>50mm	Very heavy
Rainfall coverage	
Term	Meaning
Most Places	Between 66% and 100%
Several Places	Between 33% and 66%
Few Places	Below 33%
<p><b>Ushauri wa Idara ya Utabiri wa Hali ya Hewa:</b>                      Wakulima wanashauriwa waendeleo kuvuna chakula chao na kukianika vizuri kwa jua hili kuepukana na athari za sumu kuvu yaani ‘aflotoxin’.</p>	

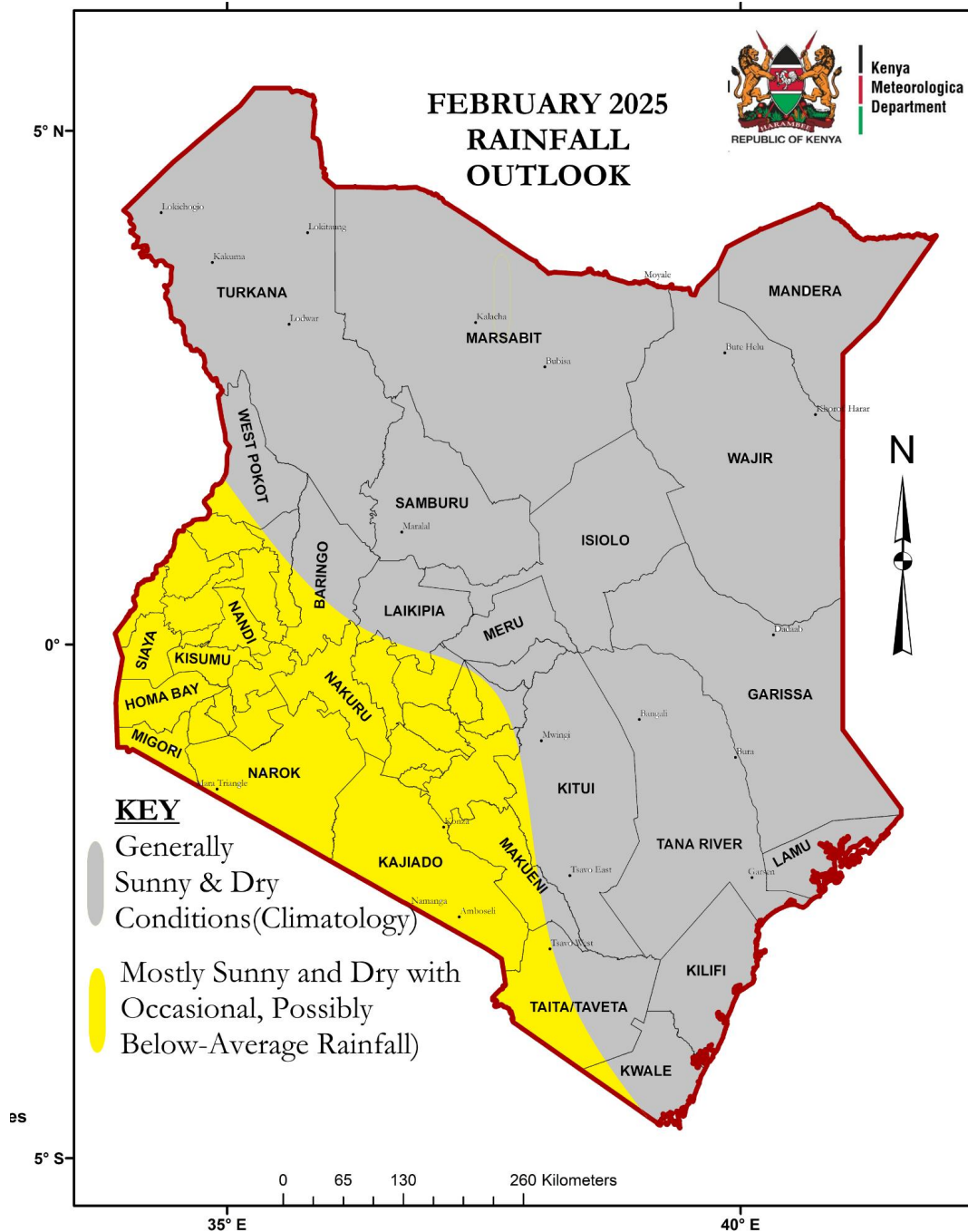
For further information, please contact:



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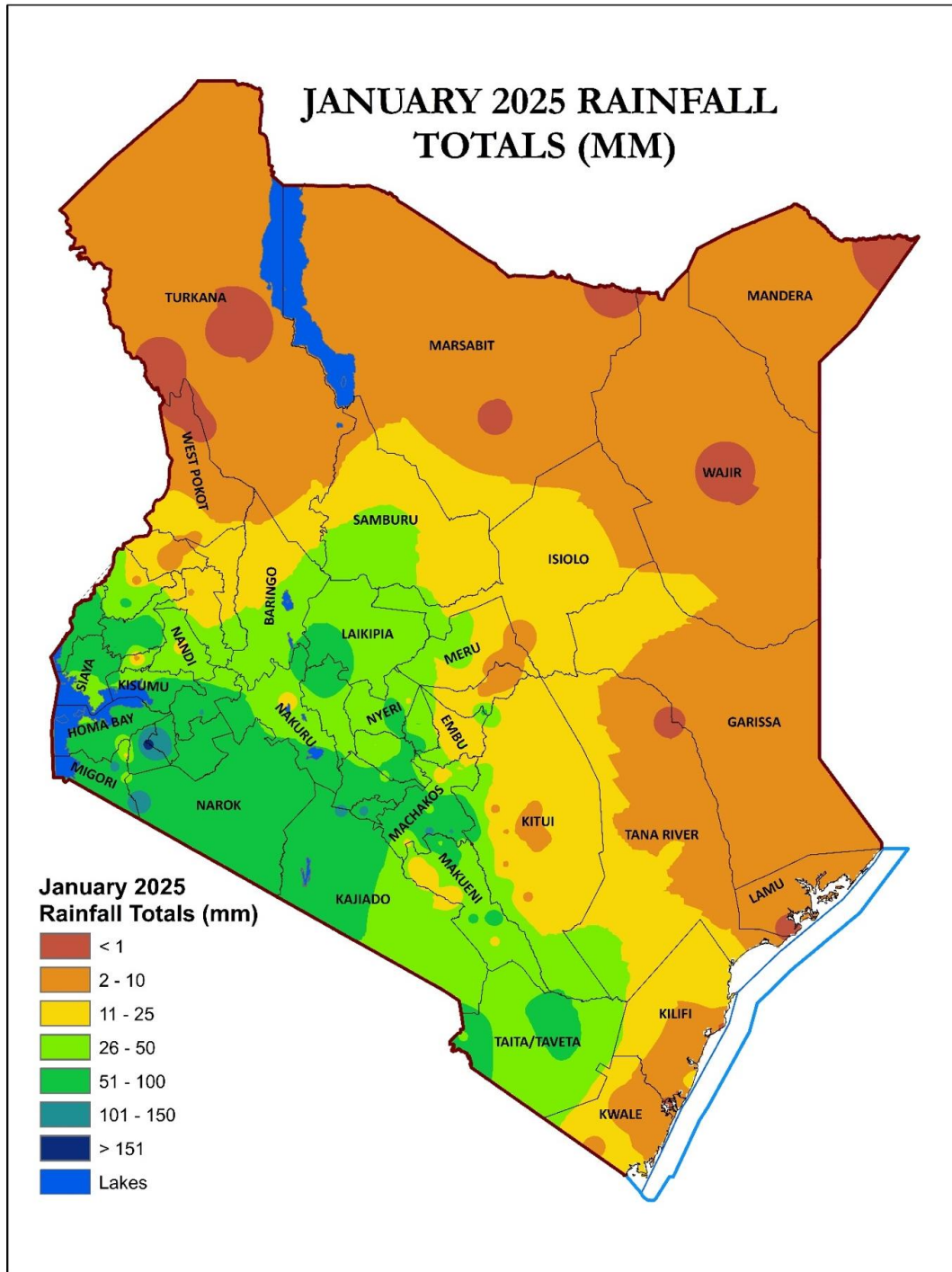
You can find more information about the climate and weather in Kenya on the KMD website <http://www.meteo.go.ke/>

# Annex I: Rainfall forecast for the month of January 2025



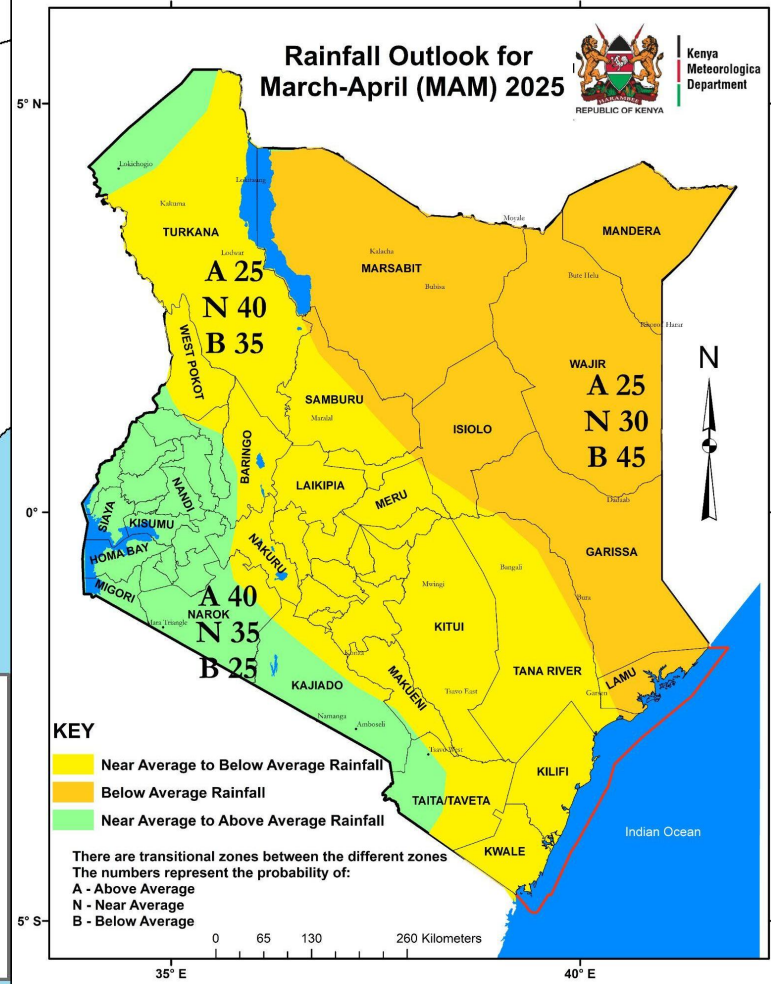
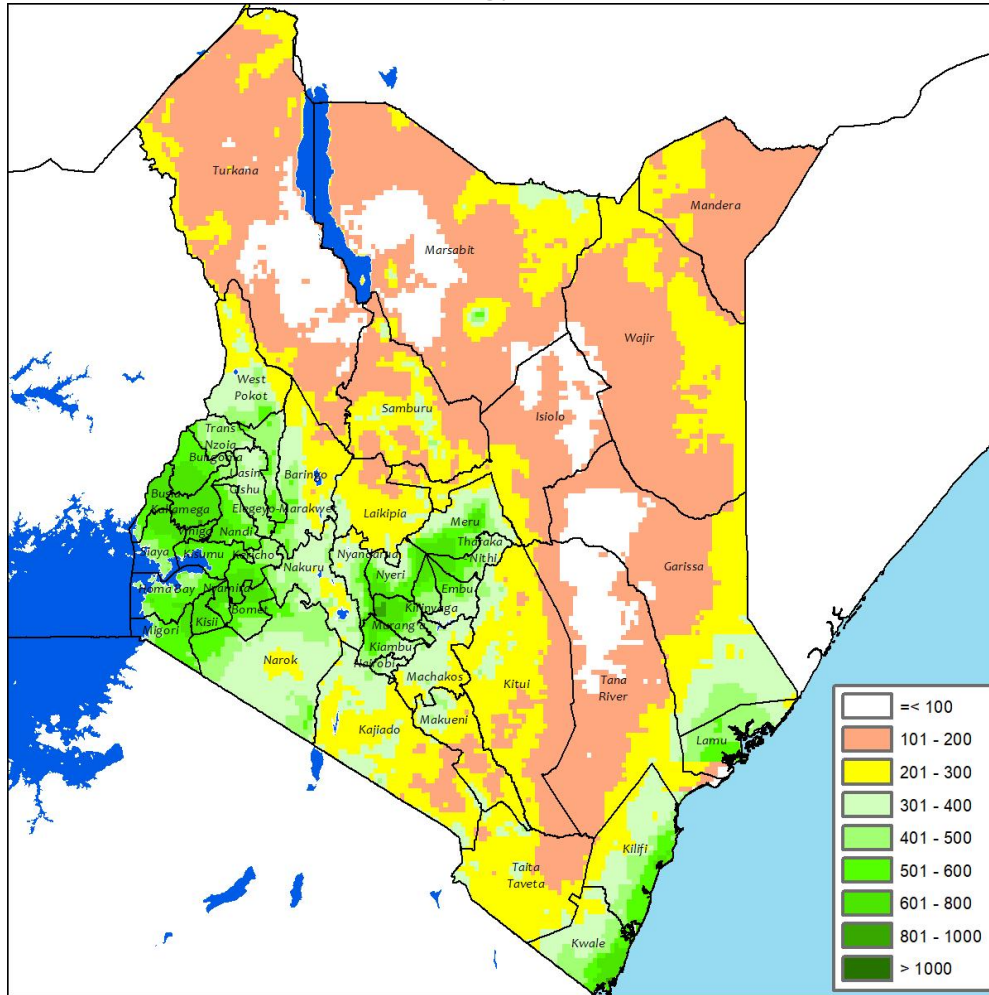
*NB: Below rainfall expected over most places during the month of February 2025 in the County*

# Annex II: January 2025 Rainfall Performance



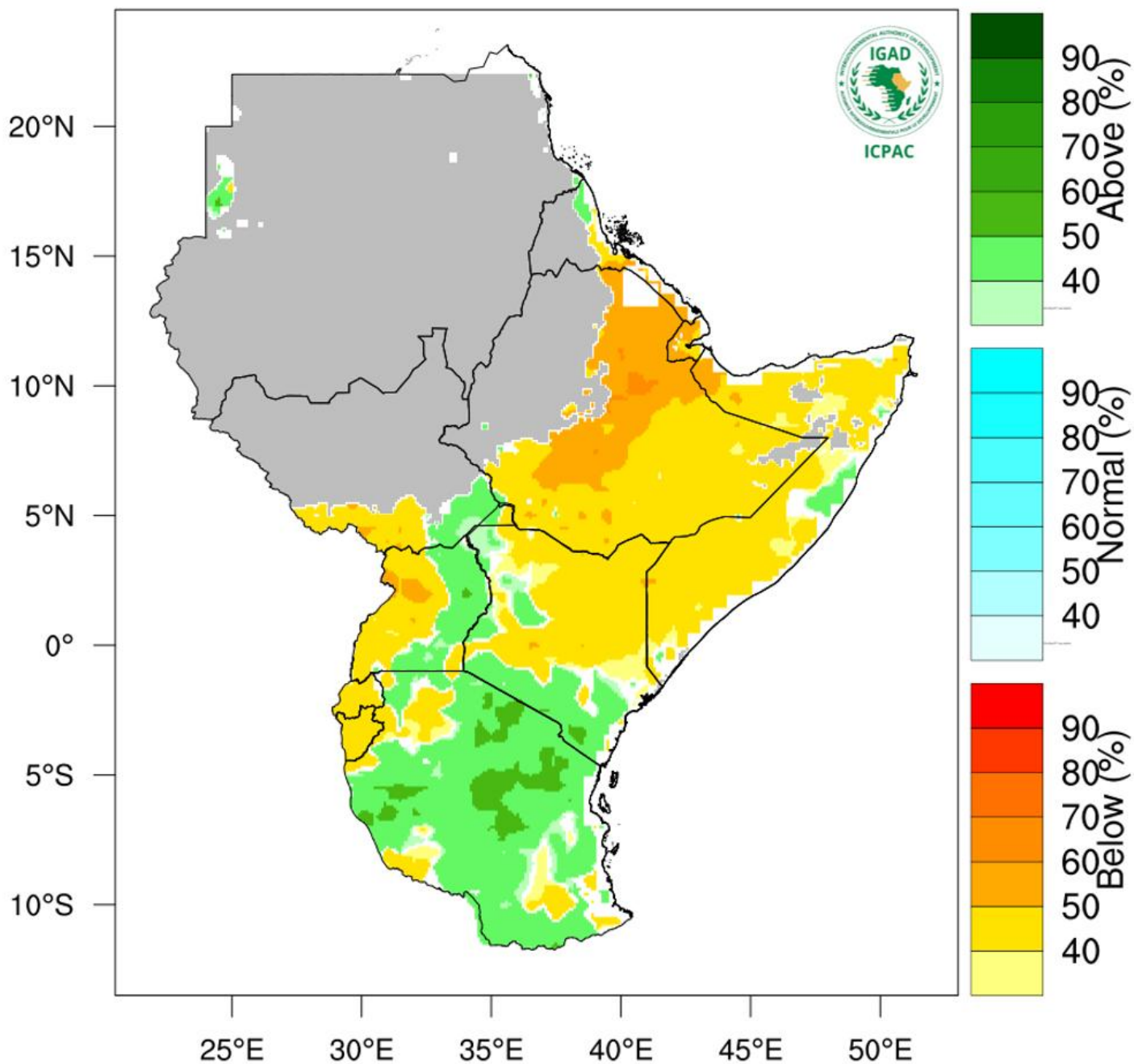
NB: Total amount of rainfall recorded in the month of January 2025

# Annex III: Rainfall Climatology versus Rainfall Forecast for the months of March to May (MAM) 2025



NB: The expected rainfall amounts in the county are likely to be near to below the long-term average for the season with occasional rainfall in February followed by a dry spell. Onset expected during the 4th week of March to 1st week of April.

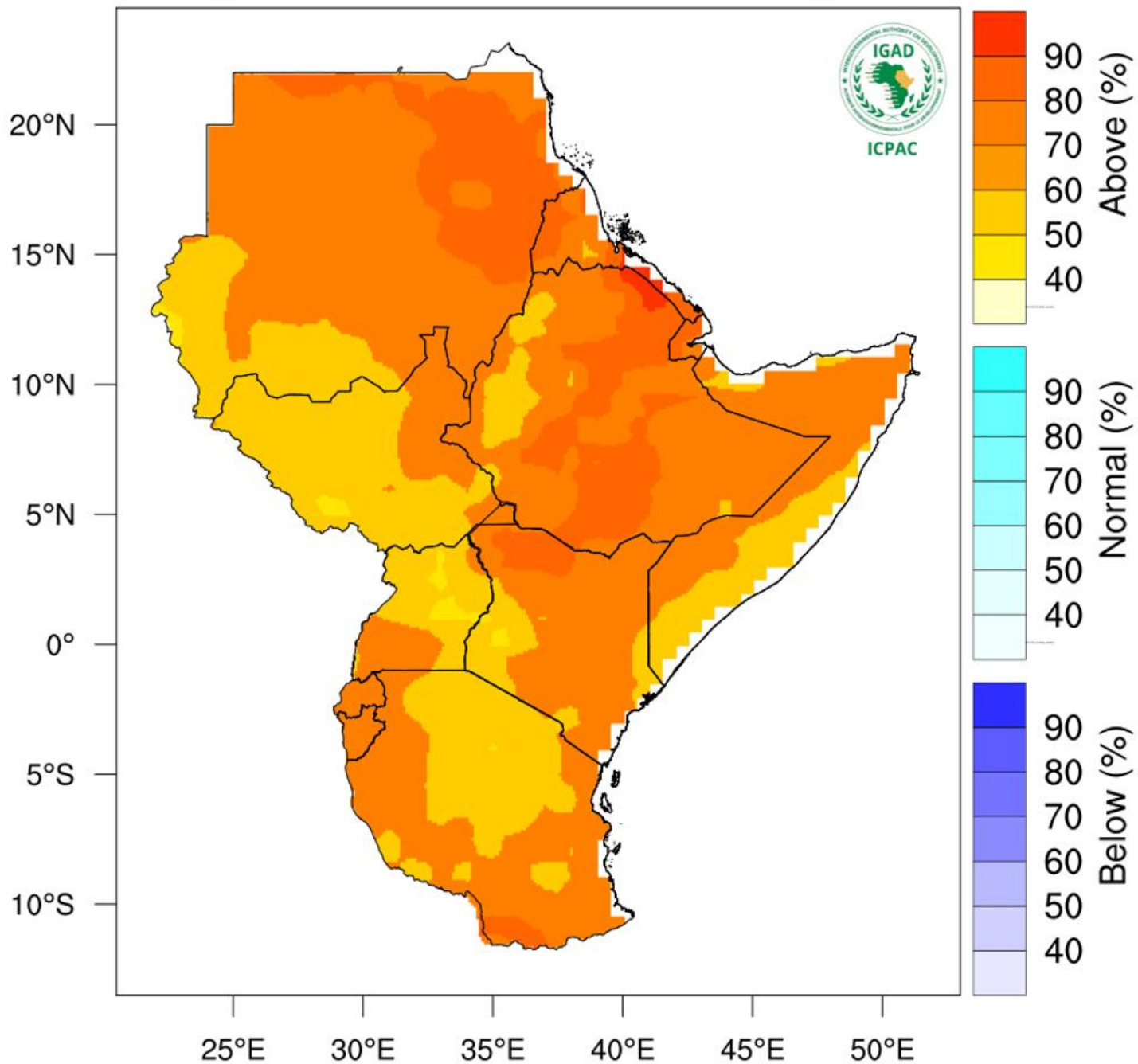
# Rainfall Probabilistic Forecast for Feb - Apr 2025



NB: Wetter than usual conditions expected over most parts of the County between February and April 2025



# Temperature Forecast for Feb – Apr 2025



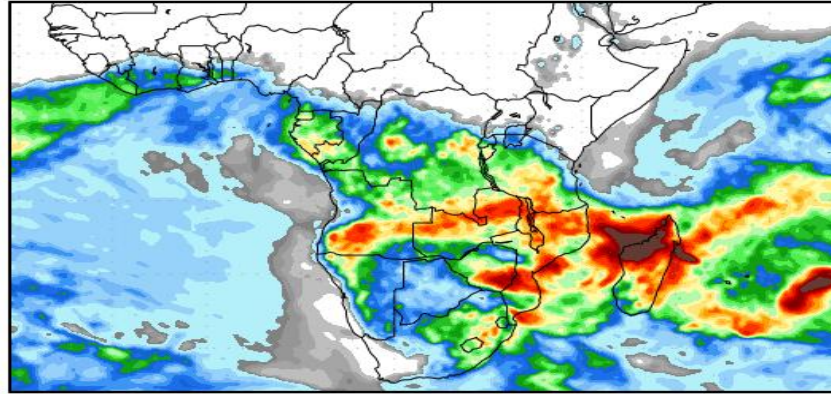
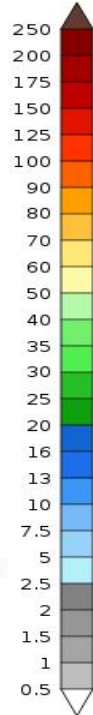
NB: Warmer than usual conditions indicated over most parts of Kitui County between February and April 2025

# Annex VII: Rainfall forecast for 3<sup>rd</sup> to 19<sup>th</sup> February, 2025

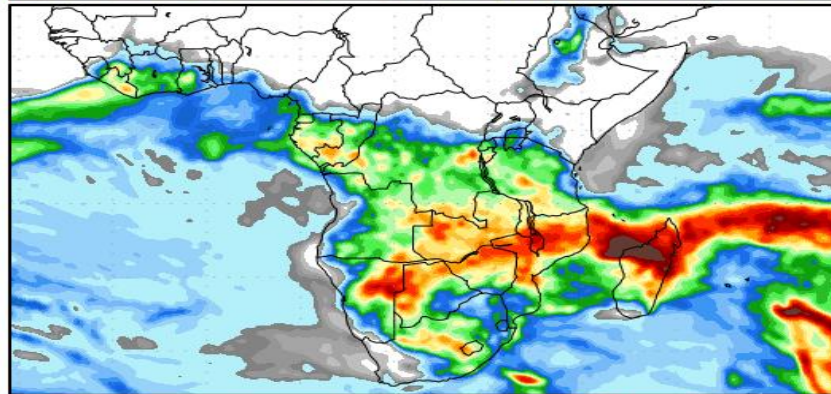
## Precipitation Forecasts

Precipitation (mm)  
during the period:

Mon, 03 FEB 2025 at 00Z  
-to-  
Tue, 11 FEB 2025 at 00Z

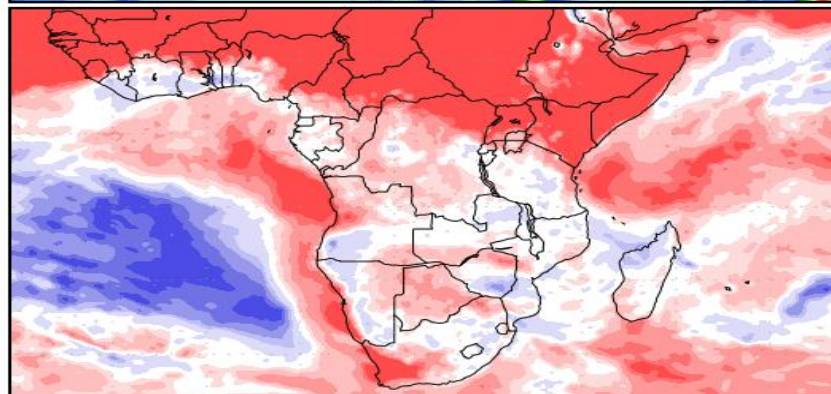
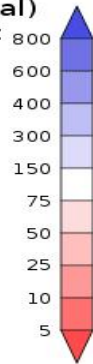


Tue, 11 FEB 2025 at 00Z  
-to-  
Wed, 19 FEB 2025 at 00Z



Precipitation (% of normal)  
during the first period:

Mon, 03 FEB 2025 at 00Z  
-to-  
Tue, 11 FEB 2025 at 00Z



Precipitation forecasts from the National Centers for Environmental Prediction.  
Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.  
Forecast Initialization Time: 00Z03FEB2025

*NB: Below normal conditions expected over most parts of the County between 3<sup>rd</sup> to 19<sup>th</sup> February, 2025*