

## 1.1 DETAILED REGIONAL RAINFALL FORECAST FOR 1 TO 7 APRIL 2025

**1.1.1 The Highlands West of the Rift Valley, the Lake Victoria Basin and the Rift Valley (Nandi, Kakamega, Vihiga, Bungoma, Siaya, Busia, Baringo, Nakuru, Trans-Nzoia, Uasin-Gishu, Elgeyo-Marakwet, West-Pokot, Kisii, Nyamira, Kericho, Bomet, Kisumu, Homabay, Migori and Narok Counties):**

Morning rains as well as afternoon and night showers and thunderstorms are likely to occur over few places.

**1.1.2 North-western Kenya (Turkana and Samburu Counties):**

Sunny intervals are expected during the day while nights are likely to be partly cloudy. Occasional afternoon showers may however occur over few places.

**1.1.3 The Highlands East of the Rift Valley (including Nairobi County) (Nyandarua, Laikipia, Nyeri, Kirinyaga, Murang'a, Kiambu, Meru, Embu, Tharaka-Nithi and Nairobi Counties):**

Morning rains as well as afternoon and night showers are likely to occur over few places.

**1.1.4 North-eastern Kenya (Marsabit, Mandera, Wajir, Garissa and Isiolo Counties):**

Morning rains as well as afternoon and night showers are likely to occur over few places.

**1.1.5 The South-eastern lowlands (Machakos, Kitui, Makueni, Kajiado and Taita-Taveta Counties as well as the inland parts of Tana-River County):**

Morning rains as well as afternoon and night showers are likely to occur over few places.

**1.1.6 The Coast (Mombasa, Kilifi, Lamu and Kwale Counties as well as the coastal parts of Tana-River County):**

Morning, afternoon and night showers are expected over few places, occasionally spreading to several places.

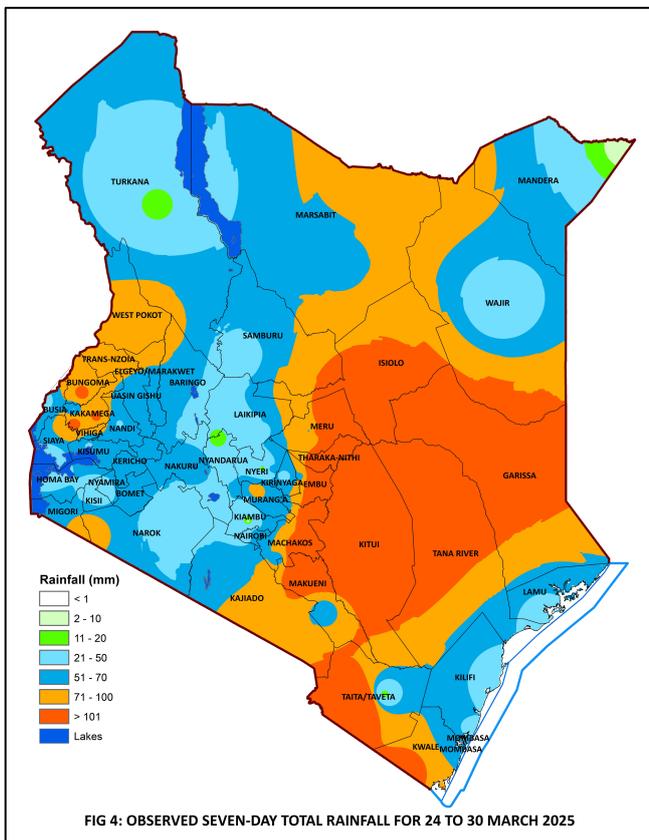
**1.2 DETAILED TEMPERATURE FORECAST FOR 1 TO 7 APRIL 2025**

Expected maximum and minimum temperatures for selected towns and cities are shown in **Table 1**.

CITY/TOWN	MAX (°C)	MIN (°C)	CITY/TOWN	MAX (°C)	MIN (°C)	CITY/TOWN	MAX (°C)	MIN (°C)
LODWAR	37.0	24.0	KISUMU	32.0	18.0	THIKA	29.0	16.0
MARSABIT	28.0	17.0	SUBA	29.0	19.0	MACHAKOS	27.0	15.0
MOYALE	29.0	19.0	NAKURU	27.0	13.0	MAKINDU	32.0	19.0
GARISSA	38.0	22.0	NAROK	27.0	11.0	KITUI	30.0	18.0
WAJIR	35.0	23.0	LAIKIPIA	27.0	11.0	VOI	36.0	21.0
MANDERA	39.0	22.0	NYAHURURU	25.0	08.0	LAMU	36.0	24.0
KITALE	28.0	13.0	KANGEMA	28.0	15.0	MALINDI	34.0	25.0
KAKAMEGA	31.0	16.0	NYERI	29.0	14.0	MSABAHA	35.0	25.0
ELDORET	25.0	12.0	EMBU	28.0	15.0	MTWAPA	34.0	25.0
KERICHO	25.0	12.0	MERU	26.0	15.0	MOMBASA	35.0	24.0
KISII	27.0	15.0	NAIROBI	27.0	14.0			

**2 WEATHER REVIEW FOR 24 TO 30 MARCH 2025**

**2.1.1 Rainfall Review**



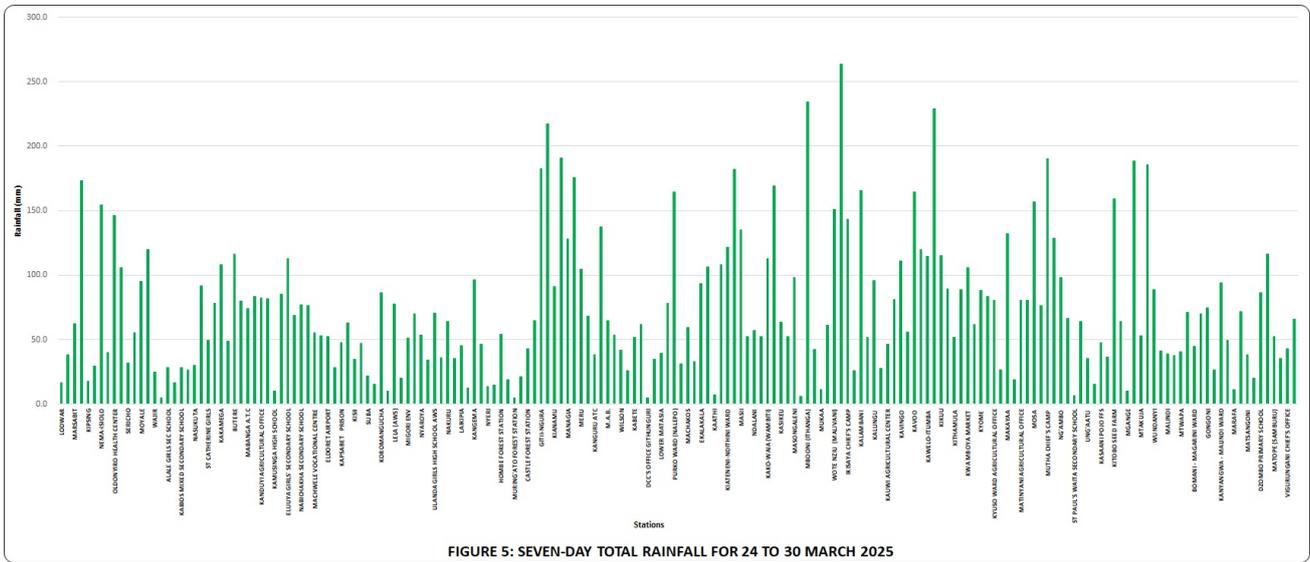
Rainfall was recorded in most parts of the country as shown in **Figures 4 and 5**.

Heavy rainfall (more than 50mm in 24hrs) was received in a number of Counties including Kitui, Makueni, Embu, Taita Taveta, Kajiado, Isiolo, Machakos, Garissa, Meru, Tharaka Nithi, Kakamega, Kwale, Bungoma, Kilifi and West Pokot.

Comparing the 17 to 23 March 2025 and the 24 to 30 March 2025 periods, it is noted that there was an increase in rainfall amounts over much of the country.

The highest seven-day rainfall total (263.8mm) was recorded at Kitui Meteorological Station.

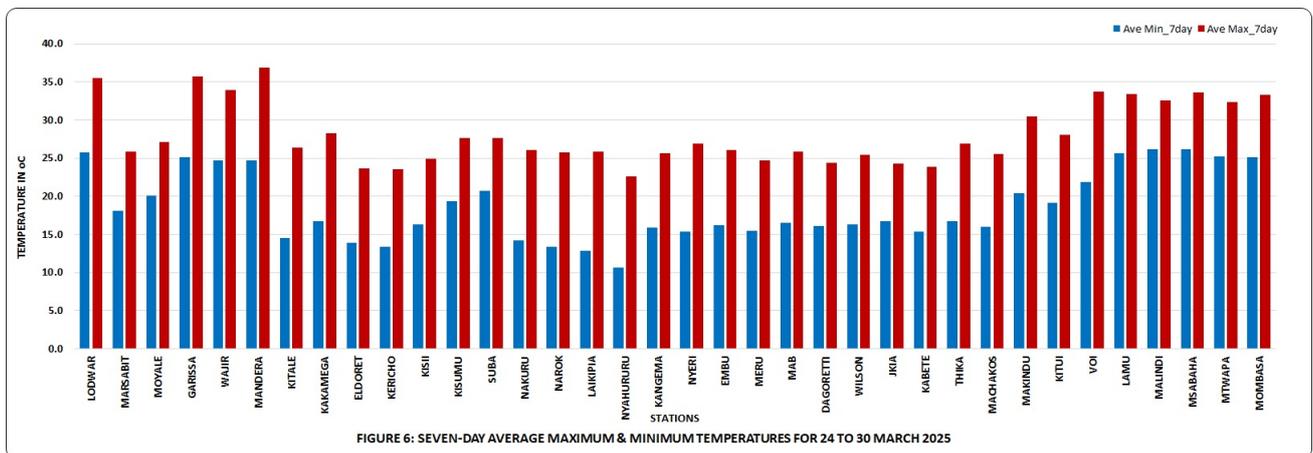
The rainfall station at Ikisaya Chief's Camp in Kitui County recorded the highest amount of rainfall within 24-hours: 115.6mm on 25 March 2025.



## 2.2 Temperature Review

Comparing the 17 to 23 March 2025 and the 24 to 30 March 2025 periods, it is noted that day-time (maximum) temperatures decreased throughout the country. Night-time (minimum) temperatures increased over some stations including Nyahururu, Kabete and Kericho and decreased over Mandera, Garissa and Mtwapa among others.

Mandera Meteorological Station recorded the highest daily maximum temperature: 38.4°C on 24 March 2025 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature: 7.6°C on 25 March 2025. The same stations recorded the highest seven-day average maximum temperature and the lowest seven-day average minimum temperature: 36.9°C and 10.6°C respectively (see Figure 6).



***N.B: This forecast should be used in conjunction with the daily (24-hour) and five-day forecasts issued by this Department. County specific forecasts are available from the offices of respective County Directors of Meteorological Services.***

## KEY OF SCIENTIFIC WORDS USED

<i>24-hour rainfall categories</i>	
<i>Range</i>	<i>Category</i>
<5mm	Light
5-20mm	Moderate
20-50mm	Heavy
>50mm	Very heavy

<i>Rainfall coverage</i>	
<i>Term</i>	<i>Meaning</i>
Most places	Between 66% and 100%
Several places	Between 33% and 66%
Few places	Less than 33%



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**DIRECTOR OF METEOROLOGICAL SERVICES**