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 MINISTRY OF ENVIRONMENT, CLIMATE CHANGE & FORESTRY
 KENYA METEOROLOGICAL DEPARTMENT

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Our Ref: MET/7/281

Issue date: 21 October 2024

SEVEN-DAY WEATHER FORECAST VALID 22 TO 28 OCTOBER 2024

HIGHLIGHTS

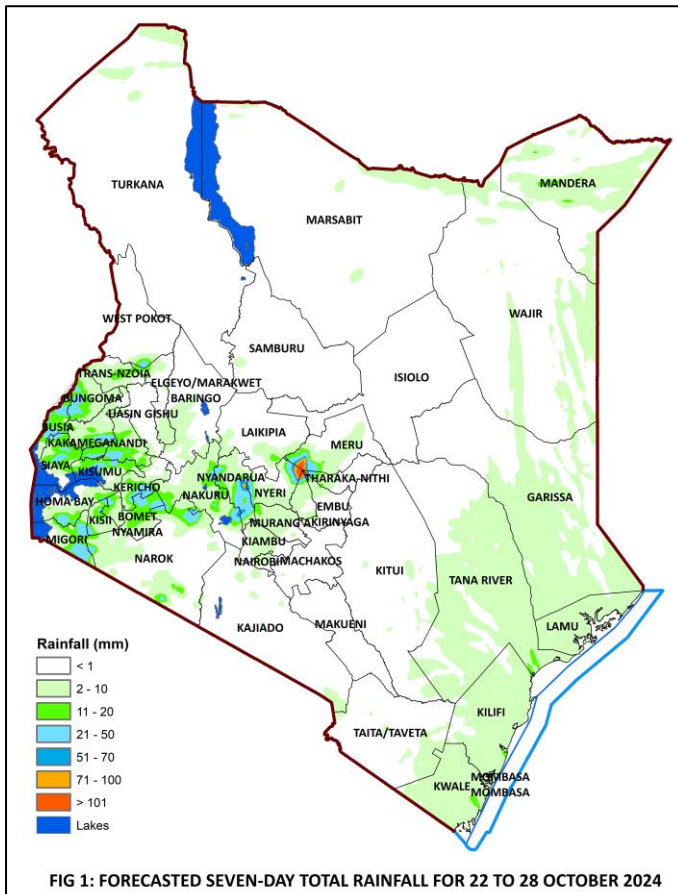
Forecast for 22 to 28 October 2024

- Rainfall is expected over the Highlands East and West of the Rift Valley, the Lake Victoria Basin and the Rift Valley. The rest of the country is likely to be generally sunny and dry.

Weather Review for 14 to 20 October 2024

- Rainfall was recorded in several parts of the country including the Highlands East and West of the Rift Valley, the Lake Victoria Basin and the South-eastern lowlands.
- Day-time (maximum) temperatures increased over much of the country but some stations including Nyahururu, Kisii and Malindi recorded marginal cooling.
- Night-time (minimum) temperatures increased over most parts of the country though a few stations such as Lodwar, JKIA and Lamu recorded slight cooling.

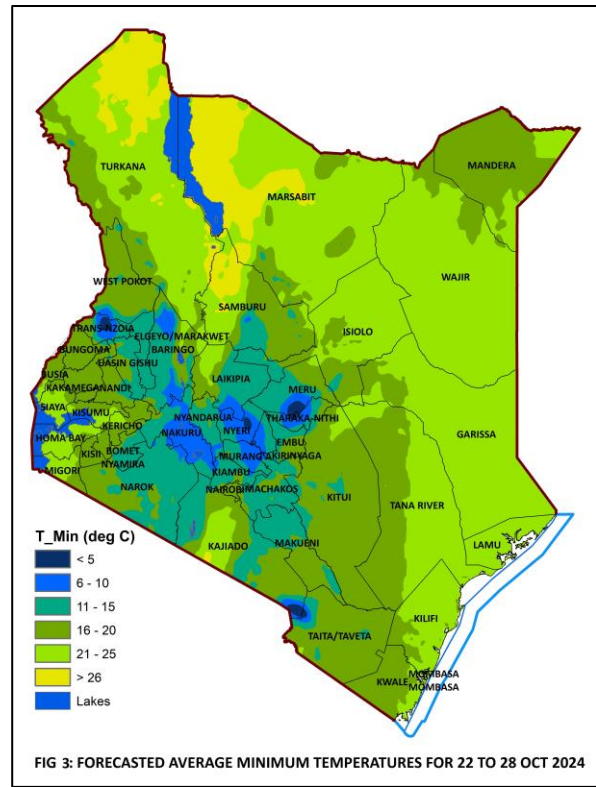
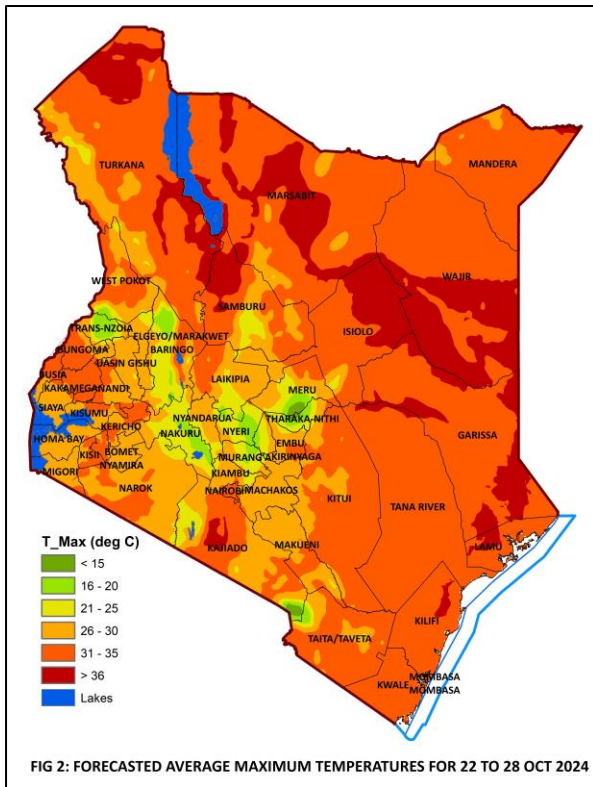
1 FORECAST FOR 22 TO 28 OCTOBER 2024



Rainfall is expected over the Highlands East and West of the Rift Valley, the Lake Victoria Basin and the Rift Valley as shown in **Figure 1**. The rest of the country is likely to be generally sunny and dry.

High average daytime (maximum) temperatures of more than 30°C will be experienced in some parts of country including the Coast, North-eastern and North-western Kenya as shown in **Figure 2**.

Average night-time (minimum) temperatures will be low (less than 10°C) over some parts of the Highlands East and West of the Rift Valley, the Central Rift Valley and the South-eastern lowlands as shown in **Figure 3**.



1.1 DETAILED REGIONAL RAINFALL FORECAST FOR 22 TO 28 OCTOBER 2024

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

Morning rains as well as afternoon and night showers and thunderstorms are expected 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. However, morning rains as well as afternoon and night showers may 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):

Intermittent cloudiness and light rains are expected over few places in the mornings giving way to sunny intervals. Afternoon showers are likely to occur over few places. Nights are likely to be partly cloudy though occasional showers may occur over few places.

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

Sunny intervals are expected during the day while nights are likely to be partly cloudy. However, morning rains as well as afternoon and night showers may 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):

Sunny intervals are expected during the day while nights are likely to be partly cloudy.

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

Sunny intervals are expected during the day while nights are likely to be partly cloudy. However, morning and afternoon showers may occur over few places.

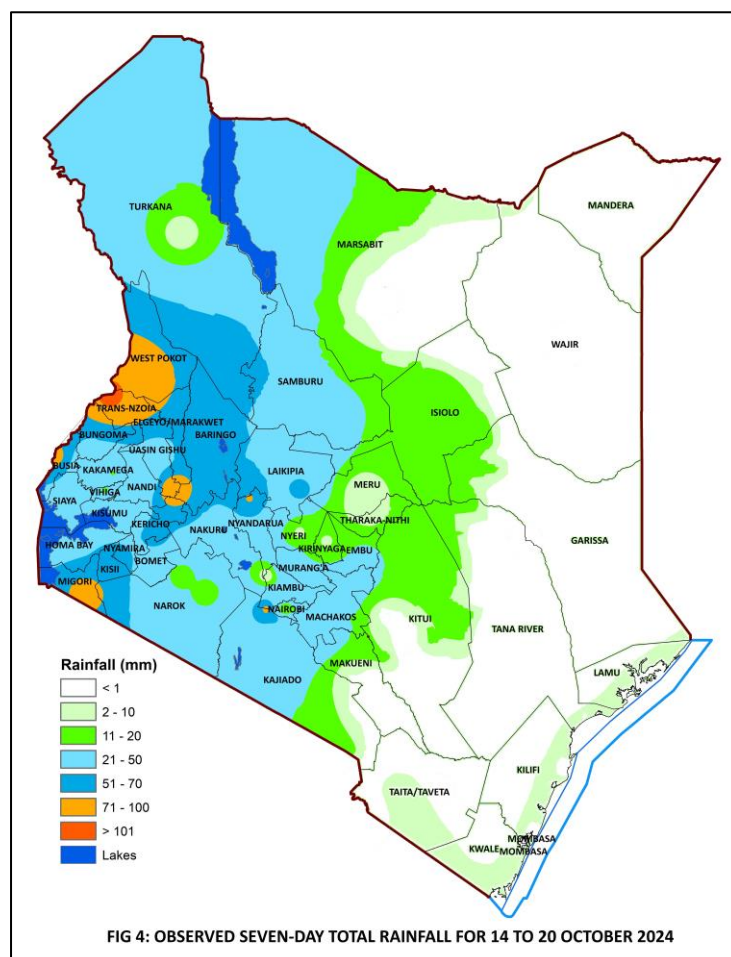
1.2 DETAILED TEMPERATURE FORECAST FOR 22 TO 28 OCTOBER 2024

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	38.0	24.0	KISUMU	31.0	19.0	THIKA	31.0	12.0
MARSABIT	29.0	17.0	SUBA	31.0	20.0	NGONG	27.0	11.0
MOYALE	32.0	18.0	NAKURU	28.0	13.0	MACHAKOS	30.0	11.0
GARISSA	37.0	24.0	NAROK	29.0	11.0	MAKINDU	34.0	16.0
WAJIR	39.0	24.0	LAIKIPIA	29.0	10.0	KITUI	33.0	16.0
MANDERA	41.0	26.0	NYAHURURU	23.0	06.0	VOI	35.0	19.0
KITALE	28.0	10.0	KANGEMA	28.0	14.0	LAMU	33.0	21.0
KAKAMEGA	30.0	15.0	NYERI	28.0	13.0	MALINDI	31.0	23.0
ELDORET	25.0	11.0	EMBU	30.0	15.0	MSABAHA	31.0	23.0
KERICHO	25.0	12.0	MERU	28.0	13.0	MTWAPA	31.0	24.0
KISII	27.0	16.0	NAIROBI	29.0	11.0	MOMBASA	32.0	22.0

2 WEATHER REVIEW FOR 14 TO 20 OCTOBER 2024

2.1.1 Rainfall Review



Rainfall was recorded in several parts of the country including the Highlands East and West of the Rift Valley, the Lake Victoria Basin and the South-eastern lowlands as shown in **Figures 4 & 5**.

Comparing the 7 to 13 October 2024 and the 14 to 20 October 2024 periods, it is noted that there was an increase in rainfall amounts over the areas that received rainfall.

The highest seven-day rainfall total (121.7 mm) was recorded at the rainfall station at A.D.C Japata in Trans Nzoia County.

The rainfall station at Busia Ministry of Water Office recorded the highest amount of rainfall within 24-hours: 67.5mm on 16 October 2024.

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

24-hour rainfall categories	
Range	Category
<5mm	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	Less than 33%



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For DIRECTOR OF METEOROLOGICAL SERVICES