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**Issue date: 22 May 2023**

**SEVEN-DAY WEATHER FORECAST VALID FROM 23 TO 29 MAY 2023**

**HIGHLIGHTS**

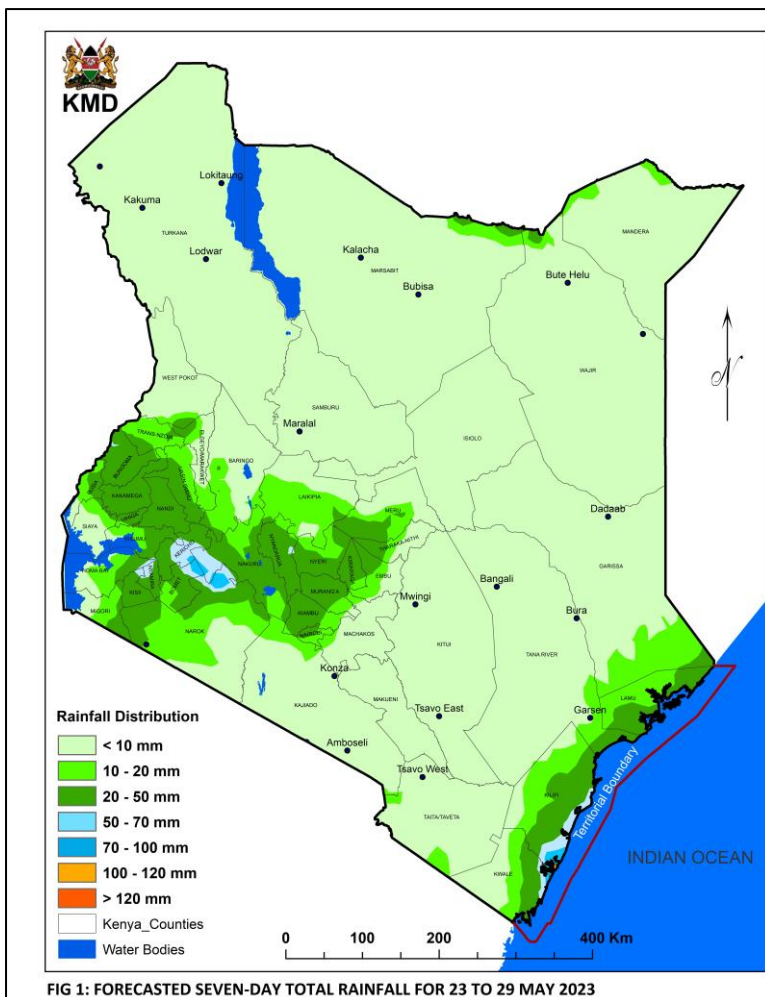
**Forecast for 23 to 29 May 2023**

- Rainfall is expected to continue over some parts of the Highlands East and West of the Rift Valley, the Lake Victoria Basin, the Rift Valley and the Coast though rainfall amounts are expected to reduce.
- The rest of the country is likely to be generally dry.

**Weather Review for 15 to 21 May 2023**

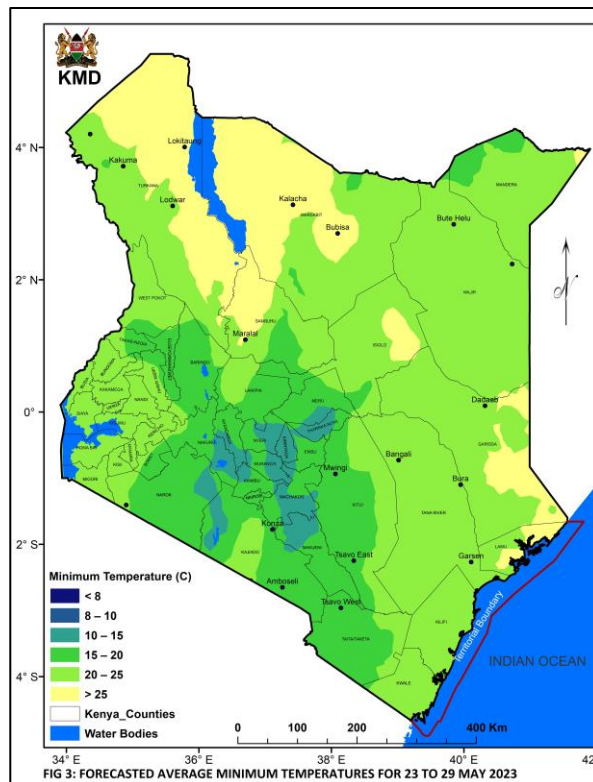
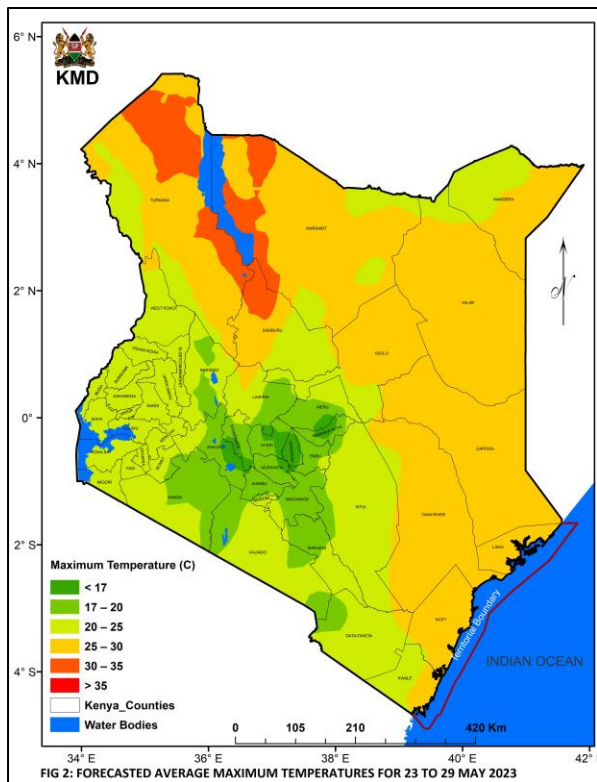
- Rainfall continued to be recorded over several parts of the country.
- Day-time (maximum) temperatures increased throughout the country with only Kitale and Mtwapa recording slight decreases.
- Night-time (minimum) temperatures increased over some stations including Nyahururu, Suba and Mandera and decreased over others like Makindu, Kijui and JKIA.

**1 FORECAST FOR 23 TO 29 MAY 2023**



Rainfall is expected to continue over some parts of the Highlands East and West of the Rift Valley, the Lake Victoria Basin, the Rift Valley and the Coast as depicted by **Figure 1** though rainfall amounts are expected to reduce. The rest of the country is likely to be generally dry.

Average daytime (maximum) temperatures will be high (more than 30°C) over some parts of North-eastern and North-western Kenya as depicted by **Figure 2**. Average night-time (minimum) temperatures will be moderate (10°C to 20°C) over much of the Highlands East of the Rift Valley, the South-eastern lowlands and the Rift Valley as depicted by **Figure 3**.



## 1.1 DETAILED REGIONAL FORECAST FOR 23 TO 29 MAY 2023

### 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*):

Mornings are expected to be generally sunny though occasional rains may occur over few places. Afternoon showers and thunderstorms are likely to occur over several places during the first half of the forecast period reducing to few places thereafter. Nights are expected to be partly cloudy though there is a possibility of showers occurring over few places.

Maximum (day-time) temperatures will be as high as 31°C in Kisumu. Minimum (night-time) temperatures will be as low as 10°C in Kabarak.

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

Days are likely to be sunny and nights partly cloudy.

Maximum (day-time) temperatures will be as high as 38°C in Lodwar. Minimum (night-time) temperatures will go down to 12°C in Maralal.

### 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*):

Mornings are likely to be cloudy, with light rains over few places, giving way to sunny intervals. Occasional afternoon and night showers are expected over few places.

Maximum (day-time) temperatures will rise to about 30°C in Thika. Nyahururu will have chilly nights with minimum (night-time) temperatures expected to drop to about 07°C.

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

Days are likely to be sunny and nights partly cloudy. However, occasional morning rains as well as afternoon and night showers may occur over few places.

Mandera will experience high maximum (day-time) temperatures of up to 38°C. Minimum (night-time) temperatures will drop to 18°C in Marsabit.

### 1.1.5 The South-eastern lowlands (Machakos, Kitui, Makueni, Kajiado and Taita-Taveta Counties):

Days are likely to be sunny and nights partly cloudy. However, occasional afternoon and night showers may occur over few places during the first half of the forecast period.

Maximum (day-time) temperatures will reach 34°C in Voi. Minimum (night-time) temperatures of about 10°C will be experienced in Machakos.

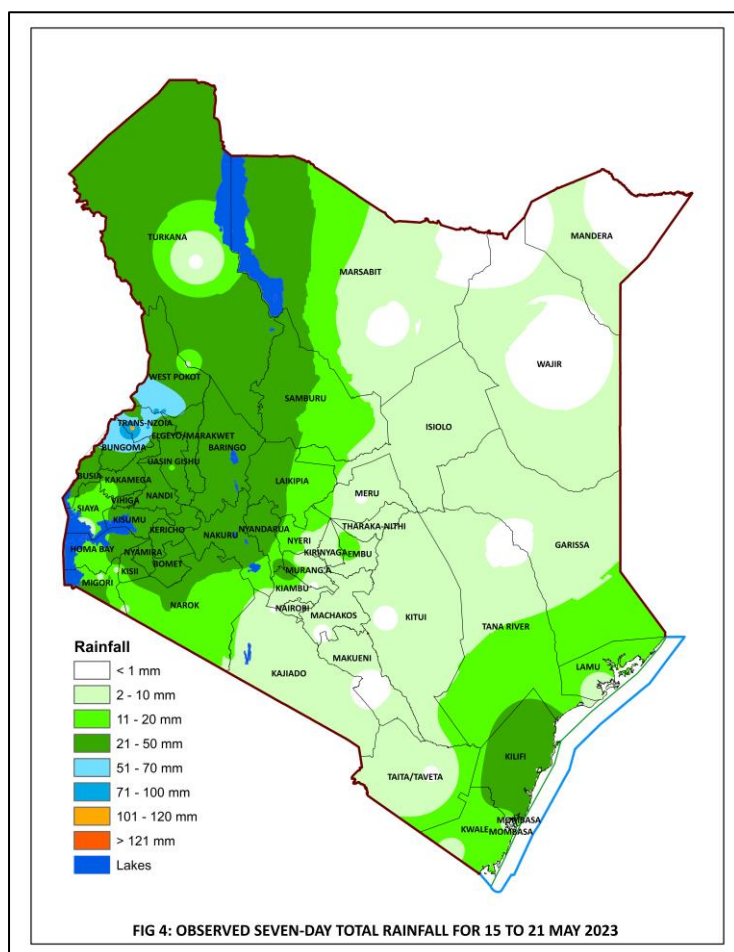
### 1.1.6 The Coast (Mombasa, Tana-River, Kilifi, Lamu and Kwale Counties):

Morning, early afternoon and night showers are likely to occur over few places.

In Lamu, maximum (day-time) temperatures will rise to about 33°C. Minimum (night-time) temperatures will be about 24°C in Mombasa.

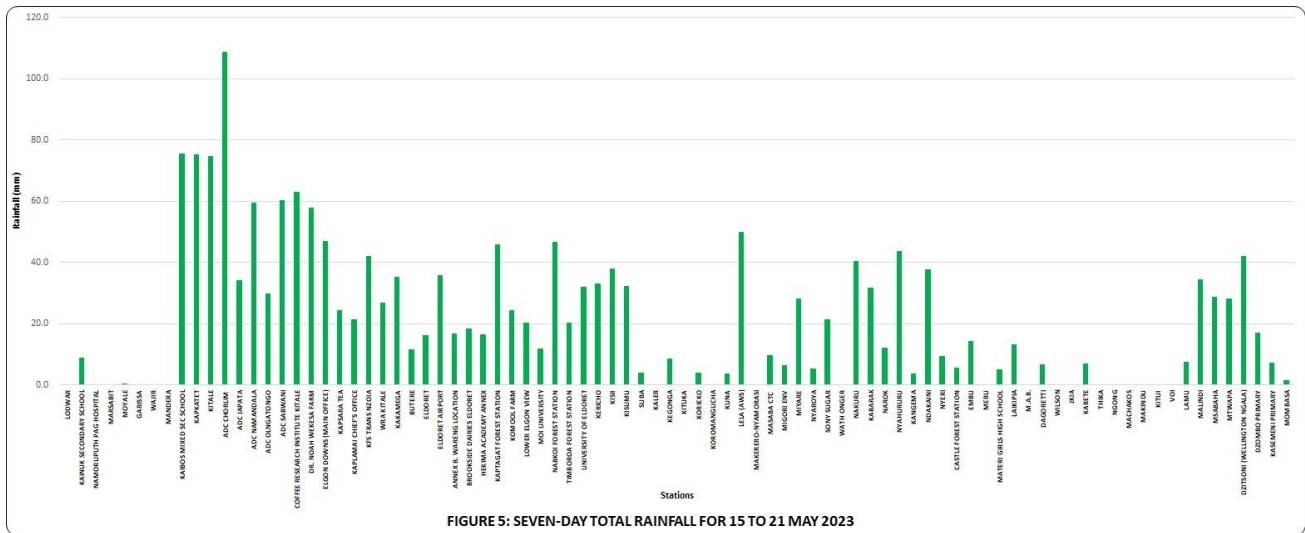
## 1.2 WEATHER REVIEW FOR 15 TO 21 MAY 2023

### 1.2.1 Rainfall Review



Rainfall continued to be recorded over several parts of the country as depicted by Figures 4 & 5.

Comparing the 8 to 14 May 2023 and the 15 to 21 May 2023 periods, it is noted that there was an increase in rainfall amounts over some parts of the Highlands West of the Rift Valley and a decrease over the Coast and the Highlands East of the Rift Valley.



The highest seven-day rainfall total (108.6mm) was recorded at A.D.C. Chorlim Rainfall Station in Trans Nzoia County. Other stations that recorded significant rainfall totals during the review period are shown in **Table 1**.

**TABLE 1: STATIONS WITH SIGNIFICANT SEVEN-DAY RAINFALL TOTALS**

STATION	COUNTY	SEVEN-DAY TOTAL RAINFALL (mm)
KAIBOS MIXED SECONDARY SCHOOL RAINFALL STATION	WEST POKOT	75.5
KAPKATET RAINFALL STATION	WEST POKOT	75.1
KITALE METEOROLOGICAL STATION	TRANS NZOIA	74.6
COFFEE RESEARCH INSTITUTE RAINFALL STATION	TRANS NZOIA	63.0
A.D.C. SABWANI RAINFALL STATION	TRANS NZOIA	60.3
A.D.C. NAMANDALA RAINFALL STATION	TRANS NZOIA	59.5

A.D.C. Chorlim Rainfall Station recorded the highest amount of rainfall within 24-hours: 61.4mm on 18 May 2023 while Kitale Meteorological Station recorded 39.1mm on 16 May 2023

### 1.2.2 Temperature Review

Comparing the 8 to 14 May 2023 and the 15 to 21 May 2023 periods, it is noted that day-time (maximum) temperatures increased throughout the country with only Kitale and Mtwapa recording slight decreases. Night-time (minimum) temperatures increased over some stations including Nyahururu, Suba and Mandera and decreased over others like Makindu, Kitui and JKIA.

Mandera Meteorological Station recorded the highest daily maximum temperature: 38.2°C on 20 May 2023 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature: 7.2°C on the same day. The same stations recorded the highest seven-day average maximum temperature and the lowest seven-day average minimum temperature: 36.8°C and 8.7°C respectively (see **Figure 6**).

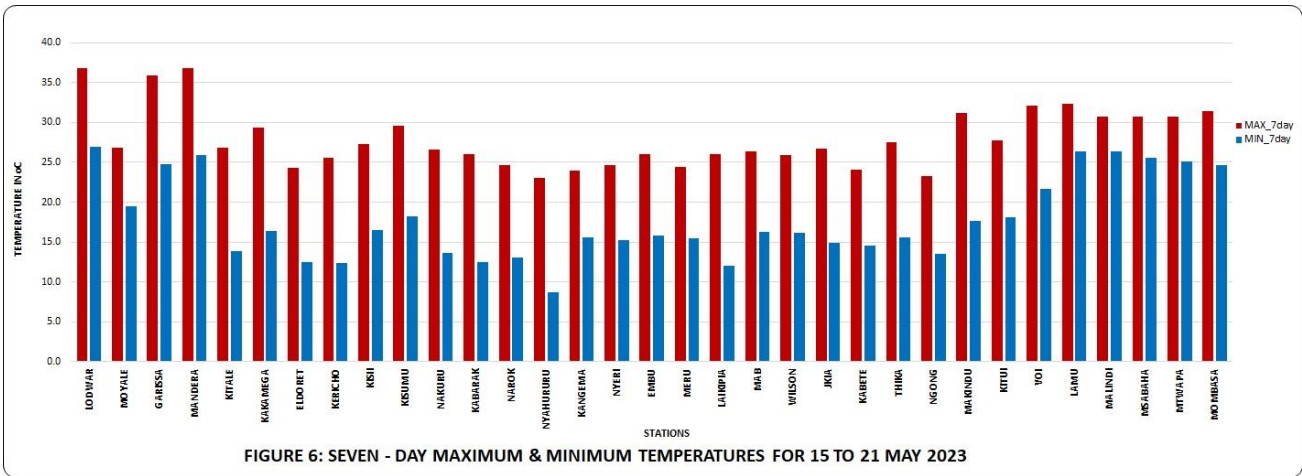


FIGURE 6: SEVEN - DAY MAXIMUM & MINIMUM TEMPERATURES FOR 15 TO 21 MAY 2023

***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 Meteorology.***

**KEY**

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

**OF SCIENTIFIC WORDS USED**

<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%

Charles Mugah  
**For DIRECTOR OF METEOROLOGICAL SERVICES**