



MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY

STATE DEPARTMENT FOR ENVIRONMENT AND CLIMATE CHANGE

KENYA METEOROLOGICAL DEPARTMENT

Our Ref: MET/7/306

Date: 14 April 2025

SEVEN-DAY WEATHER FORECAST FOR 15 TO 21 APRIL 2025

SUMMARY

Forecast for 15 to 21 April 2025

- Rainfall is expected to continue over several parts of the country.
- Isolated heavy rainfall events are expected over some parts of the Highlands West and East of the Rift Valley including Nairobi, Lake Victoria Basin, Southeastern lowlands and North-eastern Kenya.

Weather Review for 7 to 13 April 2025

- Rainfall was recorded in several parts of the country.
- Day-time (maximum) temperatures increased over most parts of the country except over the Western Kenya and a few areas over Northeastern, Northwestern and the Southeastern parts of the country.
- Night-time (minimum) decreased over most stations except Mandera, Kitale, Kericho, Nyahururu, Nyeri and Lamu.

1 FORECAST FOR 15 TO 21 APRIL 2025

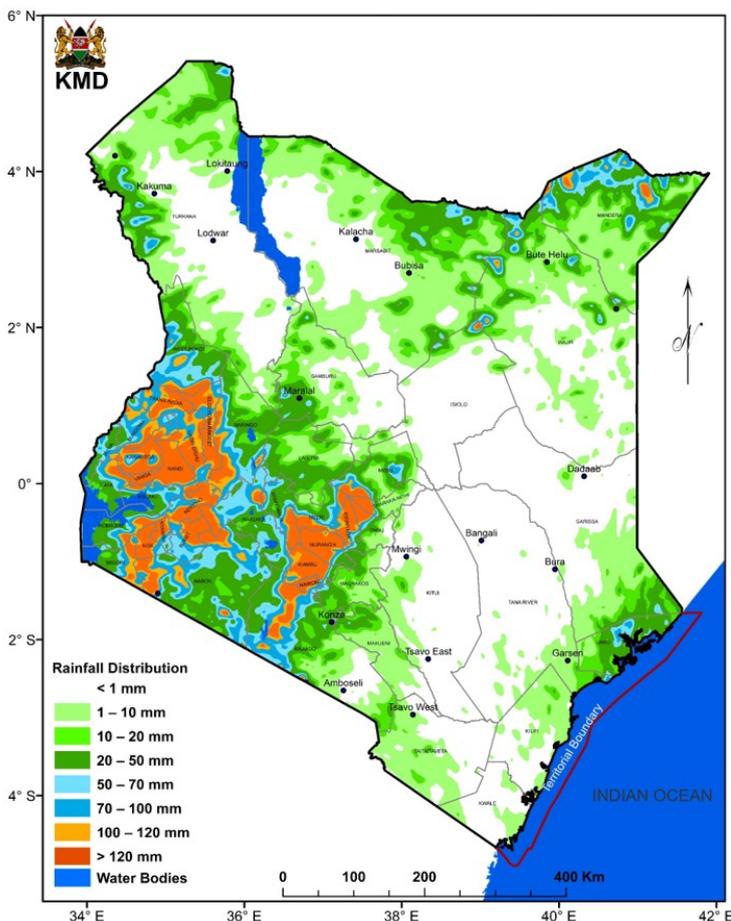


FIG 1: FORECASTED SEVEN-DAY TOTAL RAINFALL FOR 15 TO 21 APRIL 2025

Rainfall is likely to continue over several parts of the country, as shown in **Figure 1**. Isolated heavy rainfall events are expected over some parts of the Highlands West and East of the Rift Valley including Nairobi, Lake Victoria Basin, Southeastern lowlands and North-eastern Kenya.

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

Average night-time (minimum) temperatures will be less than 10°C in some parts of the Highlands East of the Rift Valley, the Central Rift Valley and around Mt. Kilimanjaro, as illustrated in **Figure 3**.

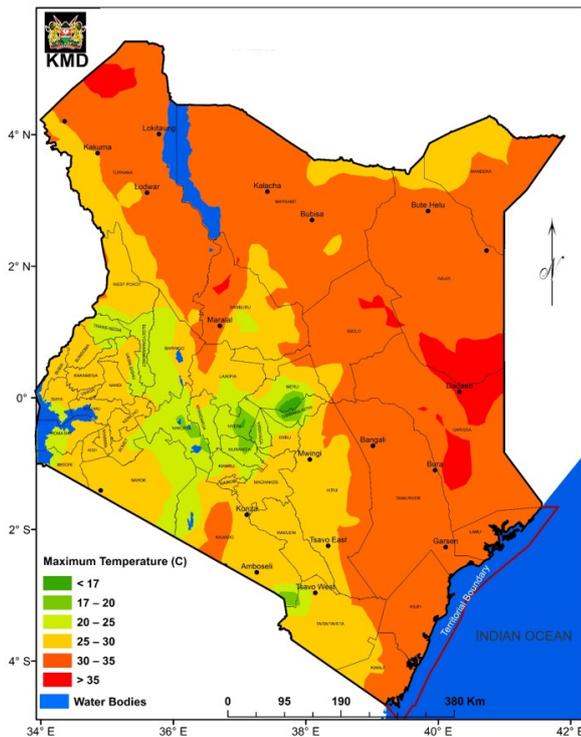


FIG 2: FORECASTED AVERAGE MAXIMUM TEMPERATURE FOR 15 TO 21 APRIL 2025

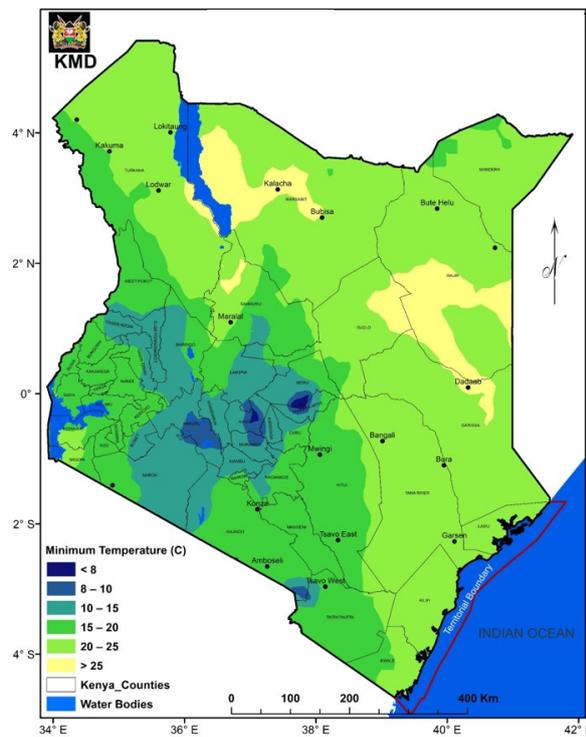


FIG 3: FORECASTED AVERAGE MINIMUM TEMPERATURE FOR 15 TO 21 APRIL 2025

1.1 DETAILED REGIONAL RAINFALL FORECAST FOR 15 TO 21 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 are expected over few places, giving way to sunny intervals. Afternoon showers and thunderstorms are likely to occur over several places. Night showers are expected over few places, occasionally spreading to several places.

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

Morning rains as well as afternoon and night showers and thunderstorms are likely to occur over few places. The morning rains may occasionally spread to several 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*):

Mornings are likely to be cloudy, with light rains over few places, giving way to sunny intervals. Afternoon and night showers and thunderstorms are likely to occur over few places occasionally spreading to several places.

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

Morning rains as well as afternoon and night showers and thunderstorms are likely to occur over few places. The morning rains may occasionally spread to several 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):

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

1.2 DETAILED TEMPERATURE FORECAST FOR 15 TO 21 APRIL 2025

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

TABLE 1: FORECASTED MAXIMUM AND MINIMUM TEMPERATURES FOR SELECTED CITIES AND TOWNS								
CITY/TOWN	MAX (°C)	MIN (°C)	CITY/TOWN	MAX (°C)	MIN (°C)	CITY/TOWN	MAX (°C)	MIN (°C)
LODWAR	34.0	24.0	KISUMU	28.0	19.0	THIKA	27.0	16.0
MARSABIT	26.0	19.0	SUBA	29.0	18.0	MACHAKOS	26.0	16.0
MOYALE	27.0	20.0	NAKURU	26.0	15.0	MAKINDU	32.0	18.0
GARISSA	37.0	26.0	NAROK	25.0	13.0	KITUI	29.0	18.0
WAJIR	34.0	25.0	LAIKIPIA	26.0	14.0	VOI	33.0	21.0
MANDERA	34.0	24.0	NYAHURURU	22.0	09.0	LAMU	33.0	26.0
KITALE	25.0	14.0	KANGEMA	25.0	15.0	MALINDI	33.0	26.0
KAKAMEGA	27.0	16.0	NYERI	26.0	14.0	MSABAHA	32.0	25.0
ELDORET	23.0	13.0	EMBU	27.0	15.0	MTWAPA	32.0	26.0
KERICHO	23.0	13.0	MERU	27.0	15.0	MOMBASA	32.0	24.0
KISII	25.0	16.0	NAIROBI	27.0	16.0			

2 WEATHER REVIEW FOR 7 TO 13 APRIL 2025

2.1.1 Rainfall Review

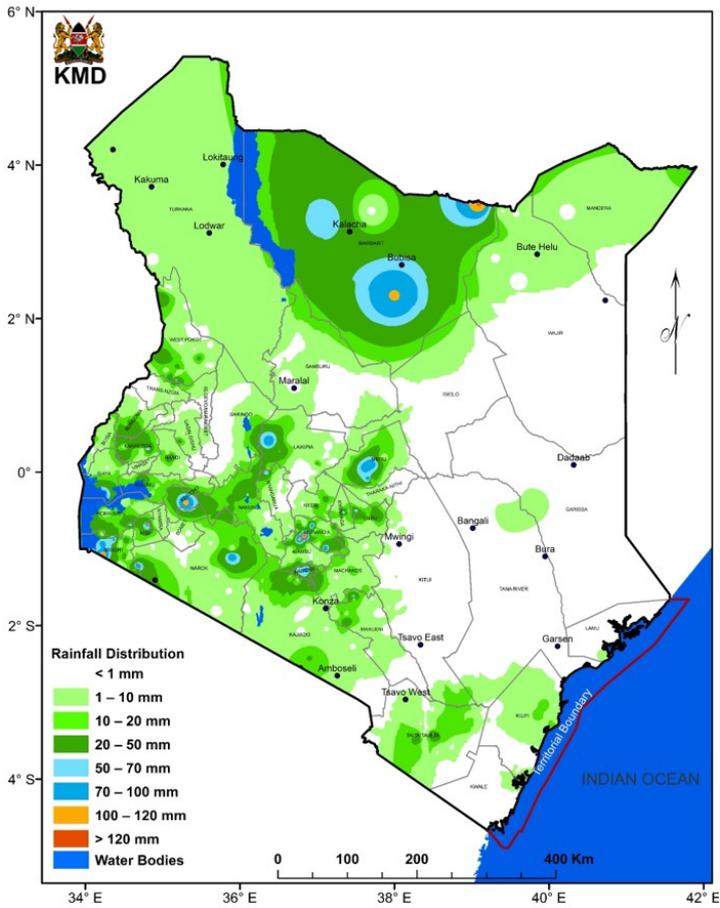


FIG 4: OBSERVED SEVEN-DAY TOTAL RAINFALL FOR 7 TO 13 APRIL 2025

Rainfall was recorded in several 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 Marsabit, Muranga, Kirinyaga, Meru, Embu, Kiambu, Laikipia, Migori, Homa Bay and Taita Taveta.

Comparing the 31 March to 6 April 2025 and the 7 to 13 April 2025 periods, it is noted that rainfall amounts decreased in most parts except in Nairobi and Northeast where rainfall increased.

The highest seven-day rainfall total (156.7mm) was recorded at Ndakai-ni rainfall Station.

Thika Meteorological station recorded the highest amount of rainfall within 24-hours: 127.3 mm on 9 April 2025.

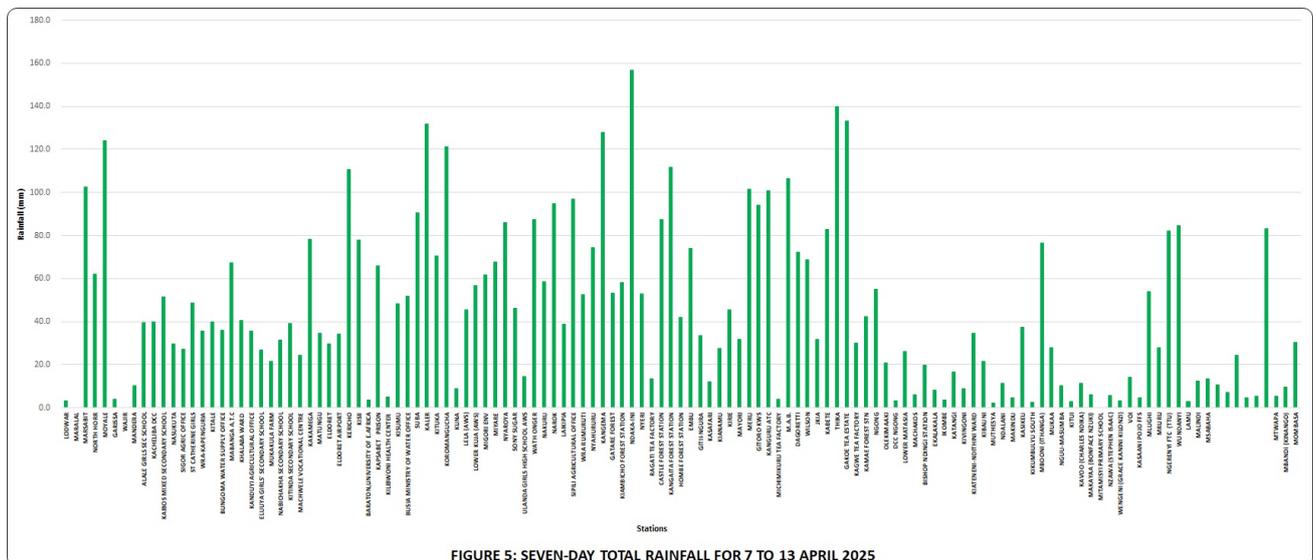


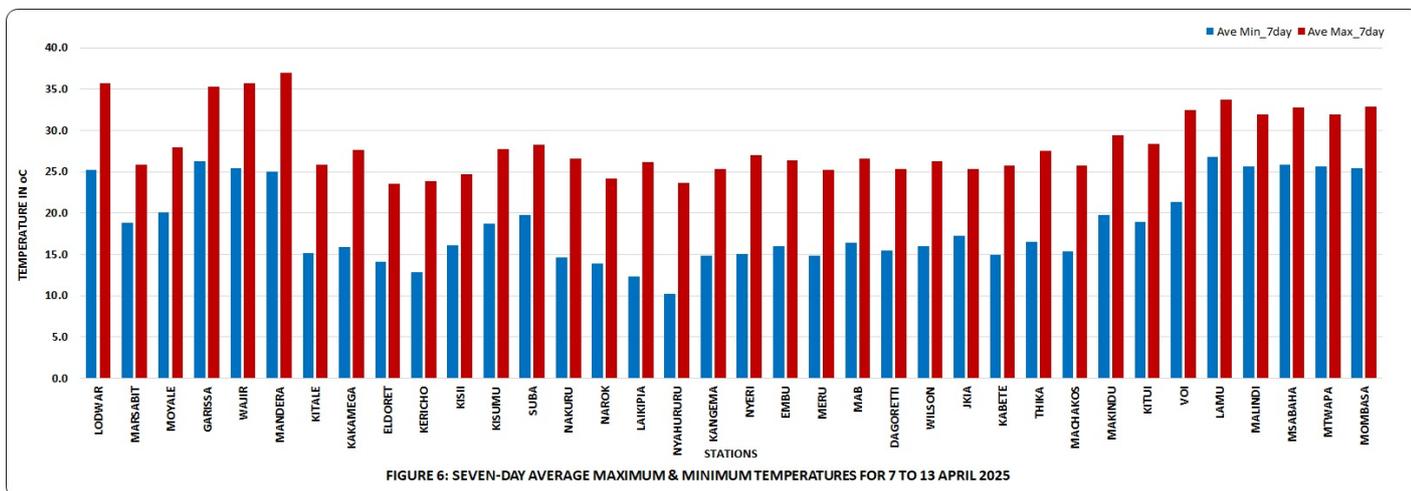
FIGURE 5: SEVEN-DAY TOTAL RAINFALL FOR 7 TO 13 APRIL 2025

2.2 Temperature Review

Comparing the 31 March to 6 April 2025 and the 7 to 13 April 2025 periods, it is noted that day-time (maximum) temperatures increased over most parts of the country with the exception of the Western sector and a few areas over Northeast, Northwest and Southeastern lowlands where

temperatures decreased. Night-time (minimum) temperatures decreased over most stations except Mandera, Kericho, Nyahururu, Nyeri and Lamu where temperatures increased.

Mandera Meteorological Station recorded the highest daily maximum temperature: 39.0°C on 8 April 2025 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature: 8.0°C on the same day. The same stations recorded the highest seven-day average maximum temperature and the lowest seven-day average minimum temperature: 37.0°C and 10.2°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

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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