



MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY

STATE DEPARTMENT FOR ENVIRONMENT AND CLIMATE CHANGE

KENYA METEOROLOGICAL DEPARTMENT

Our Ref: MET/7/298

Date: 17 February 2024

SEVEN-DAY WEATHER FORECAST FOR 18 TO 24 FEBRUARY 2025

SUMMARY

Forecast for 18 to 24 February 2025

- Mainly sunny, dry and hot weather conditions expected to prevail over most parts of the country. However, occasional light rainfall may be experienced over isolated areas around Mount Kenya, the Coastal region, Lake Victoria Basin and south-eastern lowlands (areas bordering the Coast)
- Maximum temperatures are expected to be high (more than 30°C over several parts of the country).
- Strong south easterly winds of more than 25 Knots (12.9 m/s) are expected over parts of Northeastern and Northwestern parts of Kenya.

Weather Review for 10 to 16 February 2025

- Rainfall was recorded in a few areas over the Highlands West and East of the Rift Valley including Nairobi, the Lake Victoria Basin, South Rift Valley, Northeast, the South-eastern lowlands and the Coastal region.
- Day-time (maximum) temperatures increased over most stations except over Marsabit, Meru, Nyeri and Lamu where temperatures decreased.
- Night-time (minimum) increased over most stations except over Marsabit and Narok where temperature decreased.

1 FORECAST FOR 18 TO 24 FEBRUARY 2025

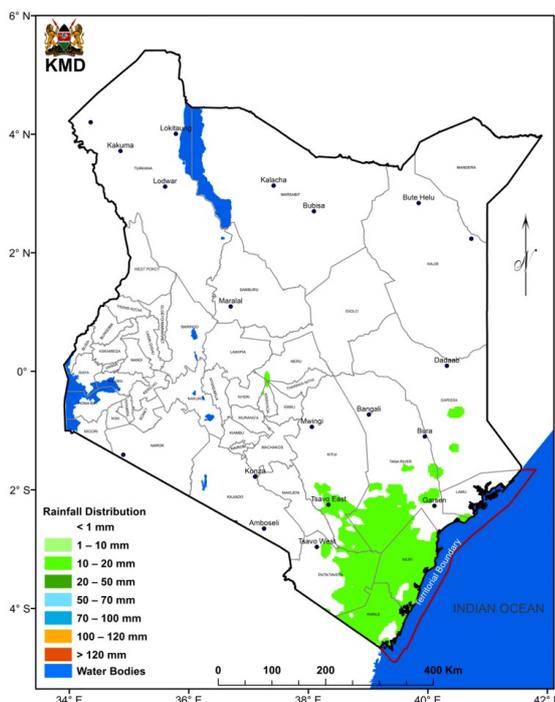


FIG 1: FORECASTED-SEVEN DAY TOTAL RAINFALL FOR 18 TO 24TH FEBRUARY 2025

Mainly sunny, dry and hot weather conditions are expected to prevail over most parts of the country. However, occasional light rainfall may be experienced over isolated areas around Mount Kenya, the Coastal region, Lake Victoria Basin and south-eastern lowlands (areas bordering the Coast) as shown in **Figure 1**.

Average daytime (maximum) temperatures of more than 30°C will be experienced over several parts of the country, except over the Highlands East of the Rift Valley, Central Rift Valley and parts of South Rift Valley, South-eastern lowlands and the Lake Victoria Basin where temperature is likely to be below 30°C, 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, Central and South Rift Valley and around Mount Kilimanjaro as shown in **Figure 3**.

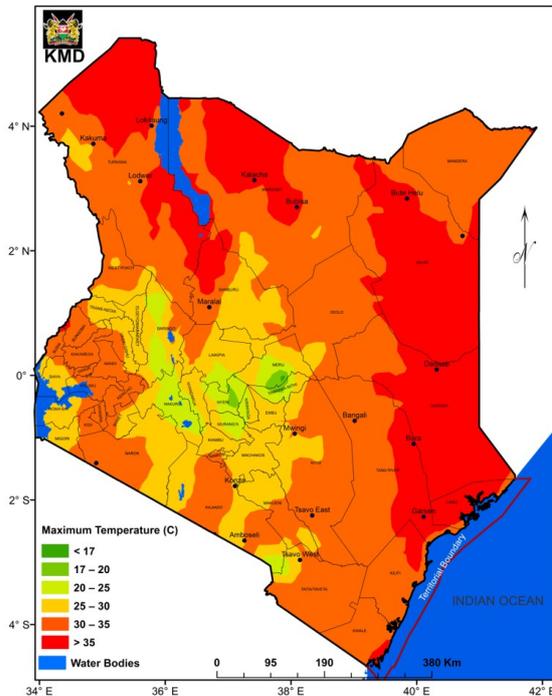


FIG 2: FORECASTED AVERAGE MAXIMUM TEMPERATURE FOR 18 TO 24TH FEBRUARY 2025

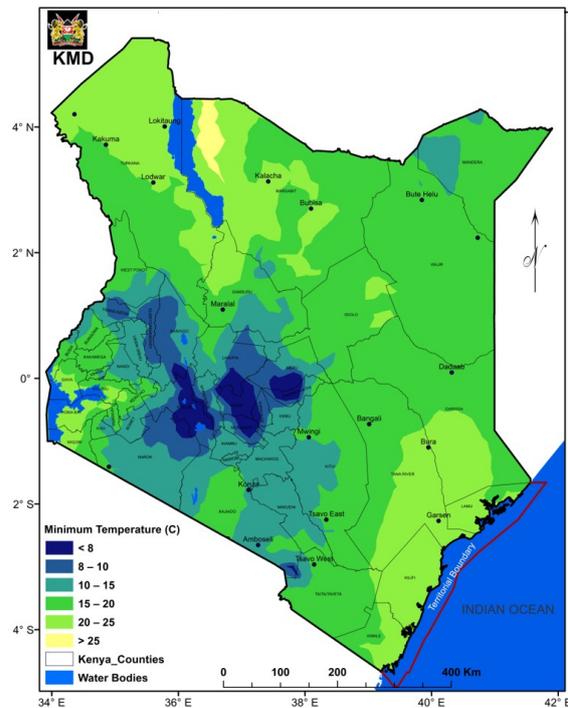


FIG 3: FORECASTED AVERAGE MINIMUM TEMPERATURE FOR 18 TO 24TH FEBRUARY 2025

1.1 DETAILED REGIONAL RAINFALL FORECAST FOR 18 TO 24 FEBRUARY 2025

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

Mainly sunny intervals expected to prevail during the day while nights are likely to be partly cloudy. However, a few areas over the Lake Victoria Basin may experience occasional afternoon showers.

1.1.2 The North Rift Valley and parts of the Highlands West of the Rift Valley (*Uasin-Gishu, Elgeyo-Marakwet, Baringo and West-Pokot Counties*)

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

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

Mainly sunny conditions are expected during the day while nights are likely to be partly cloudy though some nights may experience clear skies. Strong south-easterly winds of more than 25 Knots (12.9 m/s) are expected in parts of Turkana County.

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

Mainly sunny conditions are expected during the day while nights are likely to be partly cloudy, though some nights may experience clear skies. Strong south-easterly winds of more than 25 Knots (12.9 m/s) are expected in parts of Marsabit County.

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

Daytime sunny intervals are expected to prevail throughout the week. However, a few areas around Mount Kenya are likely to experience occasional afternoon showers. Nights are expected to be partly cloudy.

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

Mainly sunny intervals are expected to prevail during the day. However, a few areas bordering the Coast may experience occasional light afternoon showers. Nights are expected to be partly cloudy.

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

Mainly sunny intervals are expected to prevail during the day with the possibility of a few areas receiving occasional light afternoon showers. Nights are expected to be partly cloudy.

1.2 DETAILED TEMPERATURE FORECAST FOR 18 TO 24 FEBRUARY 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	39.0	23.0	KISUMU	33.0	19.0	THIKA	30.0	13.0
MARSABIT	30.0	17.0	SUBA	32.0	21.0	NGONG	27.0	12.0
MOYALE	33.0	20.0	NAKURU	29.0	12.0	MACHAKOS	29.0	14.0
GARISSA	38.0	23.0	NAROK	27.0	09.0	MAKINDU	33.0	19.0
WAJIR	38.0	24.0	LAIKIPIA	28.0	09.0	KITUI	32.0	17.0
MANDERA	39.0	25.0	NYAHURURU	25.0	05.0	VOI	34.0	21.0
KITALE	30.0	11.0	KANGEMA	28.0	14.0	LAMU	33.0	23.0
KAKAMEGA	33.0	14.0	NYERI	29.0	11.0	MALINDI	32.0	25.0
ELDORET	26.0	10.0	EMBU	29.0	13.0	MSABAHA	33.0	24.0
KERICHO	28.0	10.0	MERU	28.0	12.0	MTWAPA	33.0	25.0
KISII	29.0	16.0	NAIROBI	30.0	15.0	MOMBASA	34.0	24.0

2 WEATHER REVIEW FOR 10 TO 16 FEBRUARY 2025

2.1.1 Rainfall Review

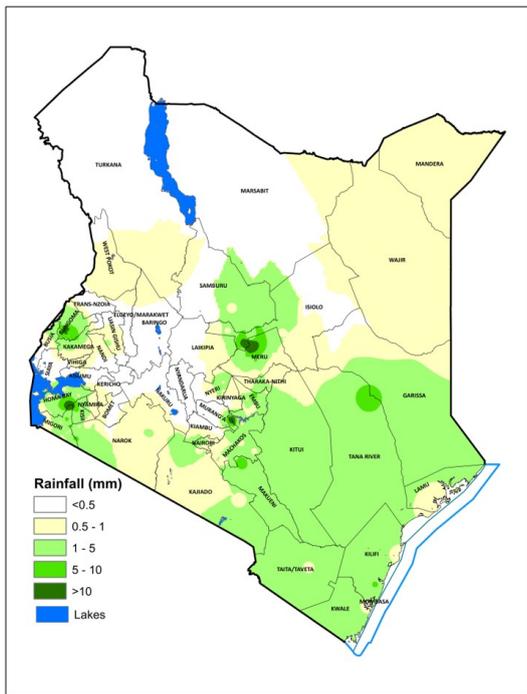


FIG 4: OBSERVED SEVEN DAY TOTAL RAINFALL FOR 10 TO 16TH FEBRUARY 2025

Rainfall was recorded in a few areas over the Highlands West and East of the Rift Valley including Nairobi, the Lake Victoria Basin, South Rift Valley, Northeastern Kenya, the South-eastern lowlands and the Coastal region as shown in **Figures 4 & 5**.

Comparing the 3 to 9 February 2025 and 10 to 16 February 2025 periods, it is noted that rainfall amounts increased in the areas that received rainfall except a few areas in Migori, Homabay and Kisii counties where rainfall amounts decreased.

The highest seven-day rainfall total (38.2 mm) was recorded at Isiolo NEMA Rainfall Station in Isiolo County.

Miyare rainfall station in Migori recorded the highest amount of rainfall within 24-hours: 36.9 mm on 15 February 2025.

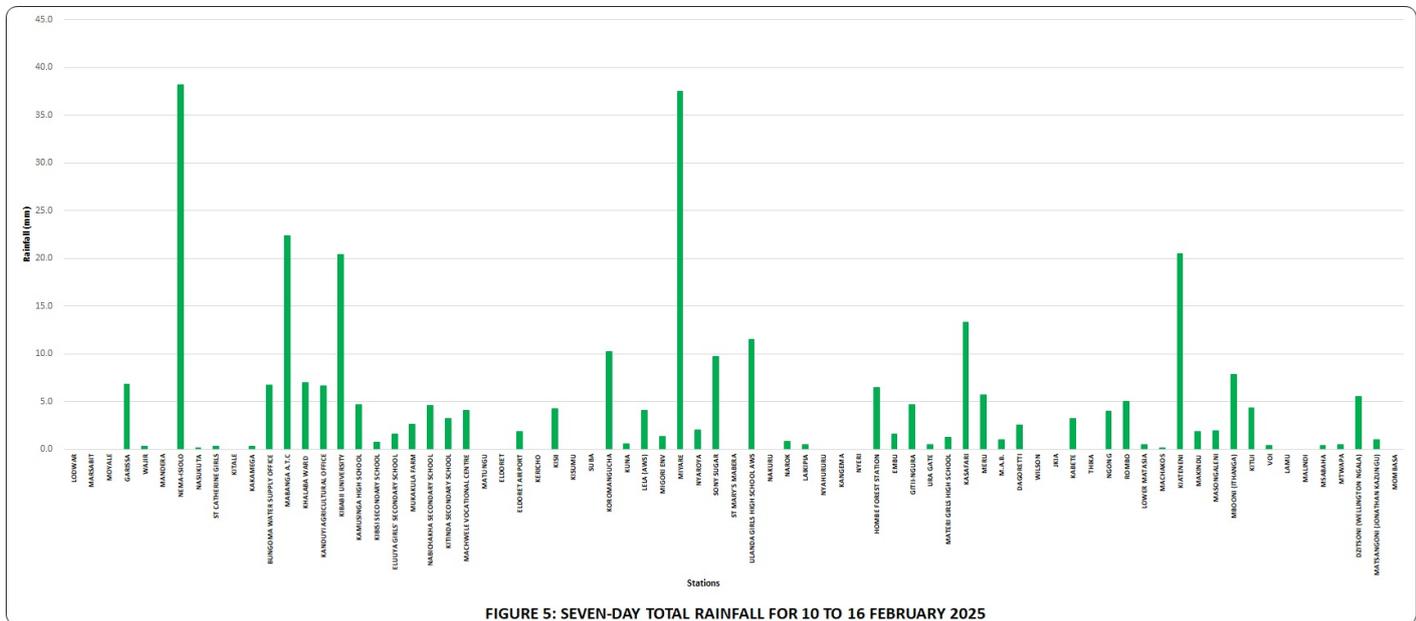


FIGURE 5: SEVEN-DAY TOTAL RAINFALL FOR 10 TO 16 FEBRUARY 2025

2.2 Temperature Review

Comparing the 3 to 9 February 2025 and 10 to 16 February 2025 periods, it is noted that day-time (maximum) temperatures increased over most stations except over Marsabit, Meru, Nyeri and Lamu

where temperatures decreased. Night-time (minimum) temperatures also increased over most stations except over Marsabit and Narok where temperatures decreased.

Lodwar Meteorological Station recorded the highest daily maximum temperature: 38.8°C on 16 February 2025, while Nyahururu Meteorological Station recorded the lowest daily minimum temperature: 4.6°C on 14 February 2025. Mandera and Lodwar stations recorded the highest seven-day average maximum temperature and the lowest seven-day average minimum temperature: 38.3°C and 7.2°C respectively (see **Figure 6**).

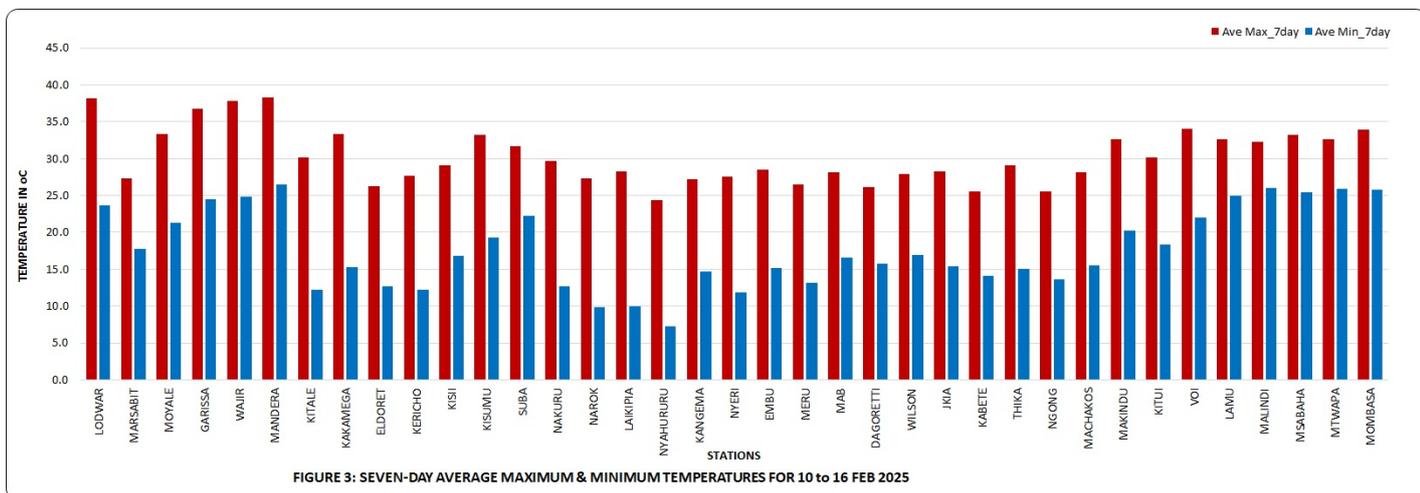


FIGURE 3: SEVEN-DAY AVERAGE MAXIMUM & MINIMUM TEMPERATURES FOR 10 to 16 FEB 2025

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%

Dr. David Gikungu
DIRECTOR OF METEOROLOGICAL SERVICES