



Our Ref: MET/7/294

Date: 20 January 2025

## SEVEN-DAY WEATHER FORECAST FOR 21 TO 27 JANUARY 2025

### SUMMARY

#### Forecast for 21 to 27 January 2025

- Sunny and dry weather conditions are expected to dominate across most parts of the country. However, occasional rainfall is likely in some areas, including the Highlands West and East of the Rift Valley, Nairobi, the Lake Victoria Basin, the South Rift Valley, and the South-eastern lowlands, particularly towards the end of the forecast period.
- Average daytime (maximum) temperatures exceeding 30°C are expected over the Coast, North-eastern, North-western regions, and parts of the Highlands West of the Rift Valley, as well as the South-eastern lowlands.
- Average night-time (minimum) temperatures will be less than 10°C in some parts of the Central Highlands, Central Rift Valley and South eastern lowlands

#### Weather Review for 13 to 19 January 2025

- Most parts of the country experienced predominantly sunny and dry conditions. However, rainfall was recorded in some areas of the Highlands West of the Rift Valley, the Lake Victoria Basin, and the South Rift Valley
- Daytime (maximum) temperatures increased at most stations, except in Eldoret, Kabete, Nyahururu, Dagoretti, Kitui, and Makindu stations, where temperatures decreased.
- Night-time (minimum) temperatures decreased in Garissa, Mandera, Thika, Narok, Laikipia, Ngong, and Voi, among others, while they increased in Kericho, Lamu, Mombasa, Suna, and Moyale, among others.

### 1 FORECAST FOR 21 TO 27 JANUARY 2025

Mainly sunny and dry weather conditions are expected to prevail across most parts of the country. However, a few areas, including the Highlands West and East of the Rift Valley, Nairobi, the Lake Victoria Basin, the South Rift Valley, and the South-eastern lowlands, may experience occasional rainfall, particularly towards the end of the forecast period, as illustrated in **Figure 1**.

Average daytime (maximum) temperatures exceeding 30°C are expected over the Coast, North-eastern, North-western regions, and parts of the Highlands West of the Rift Valley, as well as the South-eastern lowlands, as illustrated in **Figure 2**.

Average night-time (minimum) temperatures are expected to drop below 10°C in some areas of the

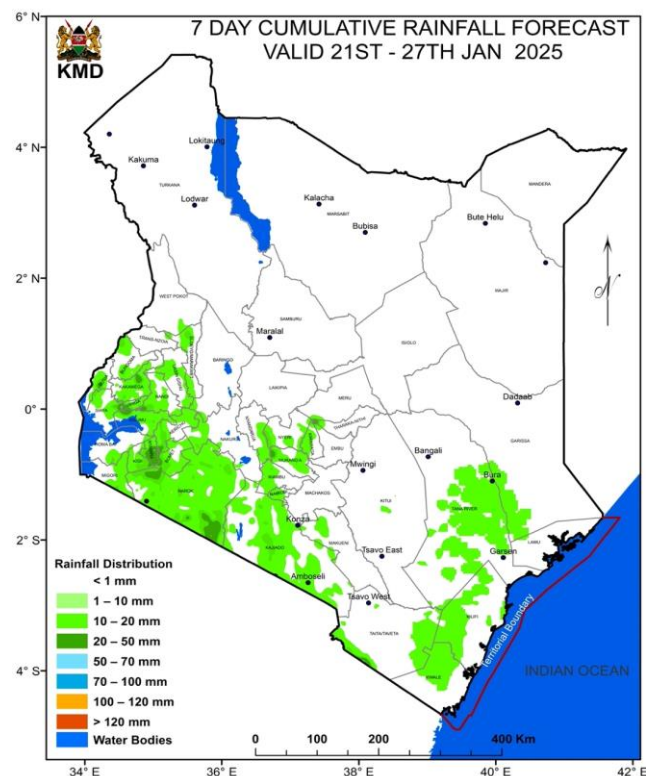
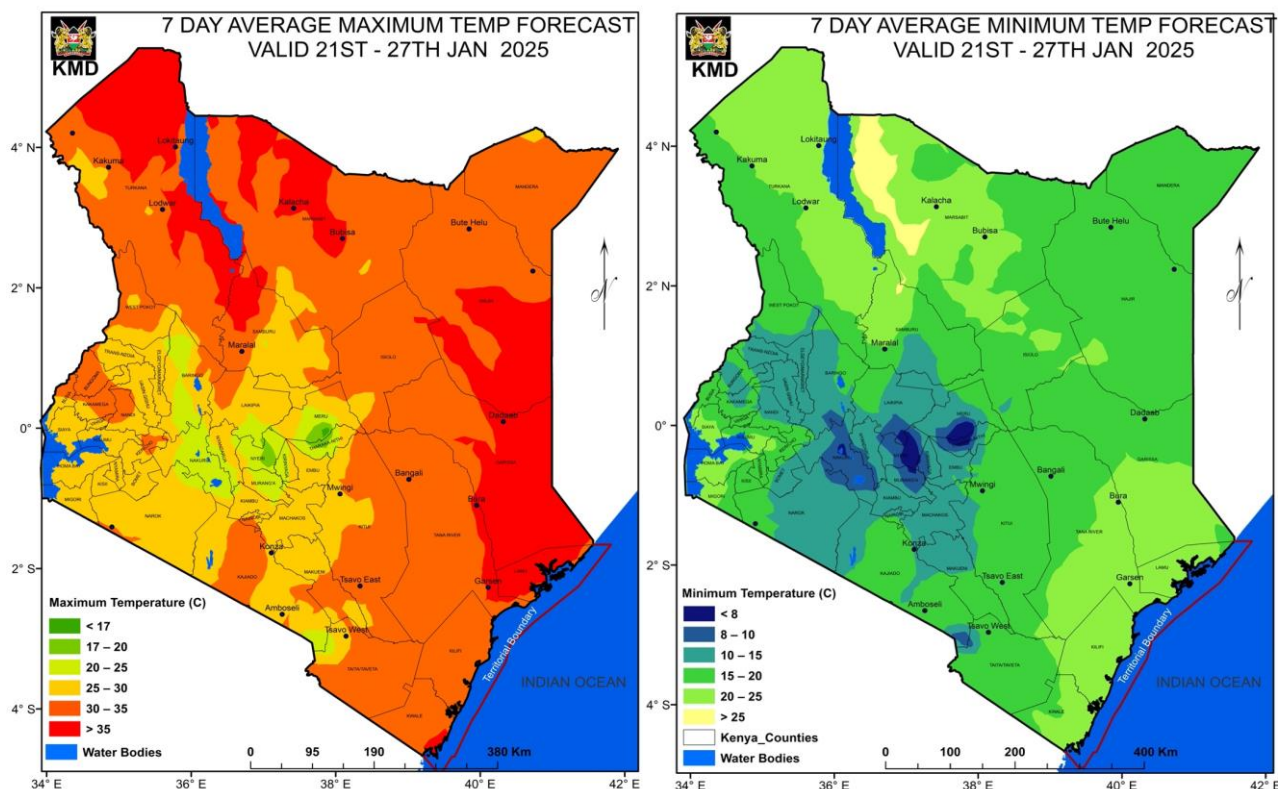


FIG 1: FORECASTED SEVEN-DAY TOTAL RAINFALL FOR 21 TO 27TH JANUARY 2025

Highlands East of the Rift Valley, the Central Rift Valley, and the South-eastern lowlands, as shown in **Figure 3**.



**FIGURE 3: FORECASTED SEVEN - DAY MAXIMUM TEMPERATURES FOR 21 - 27 JANUARY, 2025**

**FIGURE 3: FORECASTED SEVEN - DAY MINIMUM TEMPERATURES FOR 21 - 27 JANUARY, 2025**

## 1.1 DETAILED REGIONAL RAINFALL FORECAST FOR 21 TO 27 JANUARY 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 are expected to prevail during the day. However, a few areas are likely to experience morning rains and afternoon showers and thunderstorms towards the end of the forecast period. Nights are expected to be partly cloudy, though a few areas may experience showers towards the end of the forecast period.

### 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*):

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

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

Mainly sunny intervals are expected to prevail during the day. However, a few areas are likely to experience morning rains and afternoon showers towards the end of the forecast

period. Nights are expected to be partly cloudy, though a few areas may experience showers towards the end of the forecast period.

#### 1.1.5 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.

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

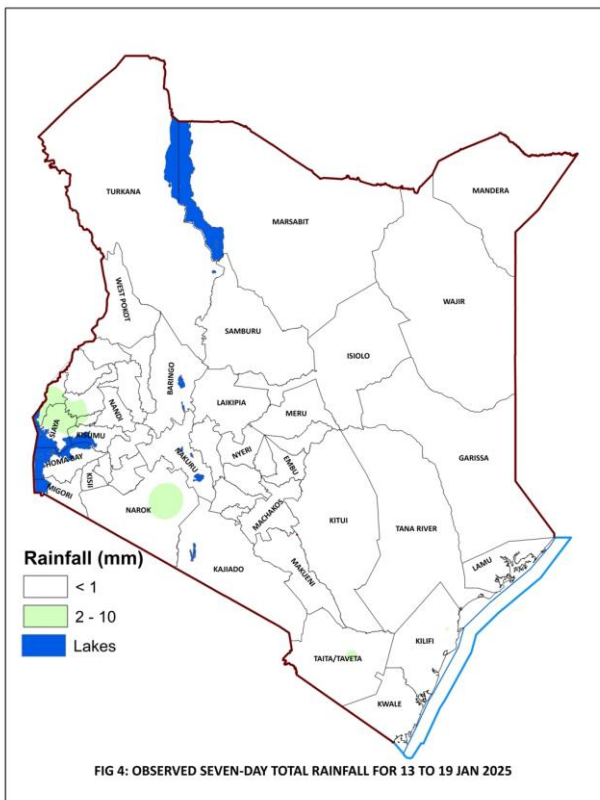
Mainly sunny intervals expected to prevail during the day. However, a few areas are likely to experience morning rains and afternoon showers towards the end of the forecast period. Nights are expected to be partly cloudy though a few areas may experience showers towards the end of the forecast period.

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

Sunny intervals are expected to persist throughout most of the day, with a few areas potentially experiencing light morning showers. Nights are expected to be partly cloudy.

## 2 WEATHER REVIEW FOR 13 TO 19 JANUARY 2025

### 2.1.1 Rainfall Review



Most parts of the country experienced predominantly sunny and dry conditions. However, rainfall was recorded in some areas of the Highlands West of the Rift Valley, the Lake Victoria Basin, and the South Rift Valley, as illustrated in **Figures 4**.

Comparing the 6 to 12 January 2025 and 13 to 19 January 2025 periods, it is noted that rainfall amounts decreased in the areas that received rainfall except a few areas like Nakuru and Kitui counties where rainfall amounts increased.

The highest seven-day rainfall total (6.5 mm) was recorded at Butere Rainfall Station in Kakamega County.

The same station recorded the highest amount of rainfall within 24-hours: 6.5 mm on 13 January 2025.

### 2.2 Temperature Review

Comparing the periods from 6 to 12 January 2025 and 13 to 19 January 2025, it is noted that daytime (maximum) temperatures increased at most stations, except in Eldoret, Kabete, Nyahururu, Dagoretti, Kitui, and Makindu stations, where temperatures decreased. Night-time (minimum)

temperatures decreased in Garissa, Mandera, Thika, Narok, Laikipia, Ngong, and Voi, among others, while they increased in Kericho, Lamu, Mombasa, Suba, and Moyale, among others.

Lodwar Meteorological Station recorded the highest daily maximum temperature of 38.5°C on 10 January 2025, while Nyahururu Meteorological Station recorded the lowest daily minimum temperature of 4.9°C on 14 January 2025. Wajir Meteorological Station recorded the highest seven-day average maximum temperature, while Nyahururu Meteorological Station recorded the lowest seven-day average minimum temperature, with values of 36.9°C and 5.7°C, respectively (see Figure 5).

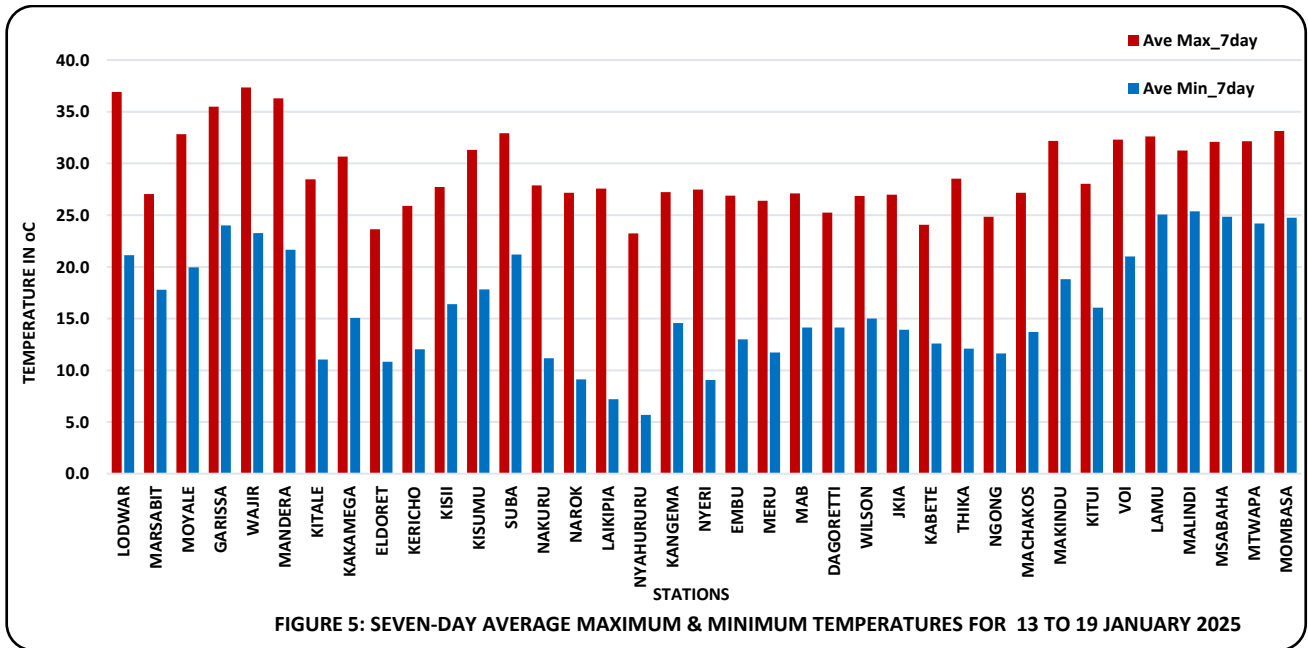


FIGURE 5: SEVEN-DAY AVERAGE MAXIMUM & MINIMUM TEMPERATURES FOR 13 TO 19 JANUARY 2025

**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**

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**