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When replying please quote:
Our Ref: MET/7/326 **Date: 1st September 2025**

WEEKLY WEATHER FORECAST FOR 2ND TO 8TH SEPT 2025 AND REVIEW FOR 25TH TO 31ST AUG 2025

SUMMARY

Weather Forecast for 2nd to 8th Sept 2025
- *Rainfall is likely to persist over the Highlands East and West of the Rift Valley, the Lake Victoria Basin, and parts of the Rift Valley and the Coastal region.*
- *Occasional cold and cloudy conditions are expected in sections of the Highlands East and West of the Rift Valley, the South-eastern lowlands, and parts of the Rift Valley.*

Weather Review for 25th to 31stAugust 2025
- *Rainfall was recorded in several parts of the country.*
- *Day-time (maximum) temperatures increased throughout the country.*
- *Night-time (minimum) temperatures decreased over most stations although a few like Lodwar, Suba and Moyale recorded decreases.*

1 FORECAST FOR 2ND TO 8TH SEPTEMBER 2025

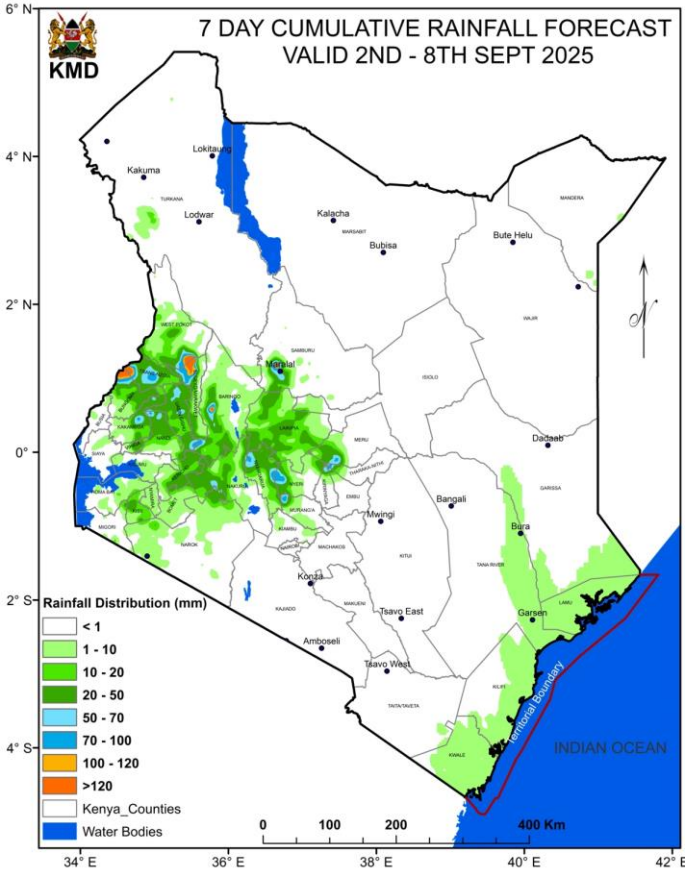

Figure 1: Forecasted Seven-Day Total Rainfall for 2nd to 8th September 2025.

Rainfall is expected to persist over the Highlands East and West of the Rift Valley, the Lake Victoria Basin, and parts of the Rift Valley and the Coastal region, as shown in **Figure 1.**

Occasional cold and cloudy conditions are likely in sections of the Highlands East and West of the Rift Valley, the South-eastern lowlands, and parts of the Rift Valley.

Daytime (maximum) average temperatures exceeding 30°C are forecast over much of the Coast, North-eastern, and North-western Kenya, as depicted in **Figure 2.**

Night-time (minimum) average temperatures below 10°C are likely in parts of the Highlands East of the Rift Valley, the Central Rift Valley, and the areas surrounding Mt. Kilimanjaro, as illustrated in **Figure 3.**

Strong southerly to south-easterly winds with speeds exceeding 25 knots (12.86 m/s) are

expected over the Coast (and Kenya's territorial waters), the South-eastern lowlands, North-eastern and North-western Kenya.

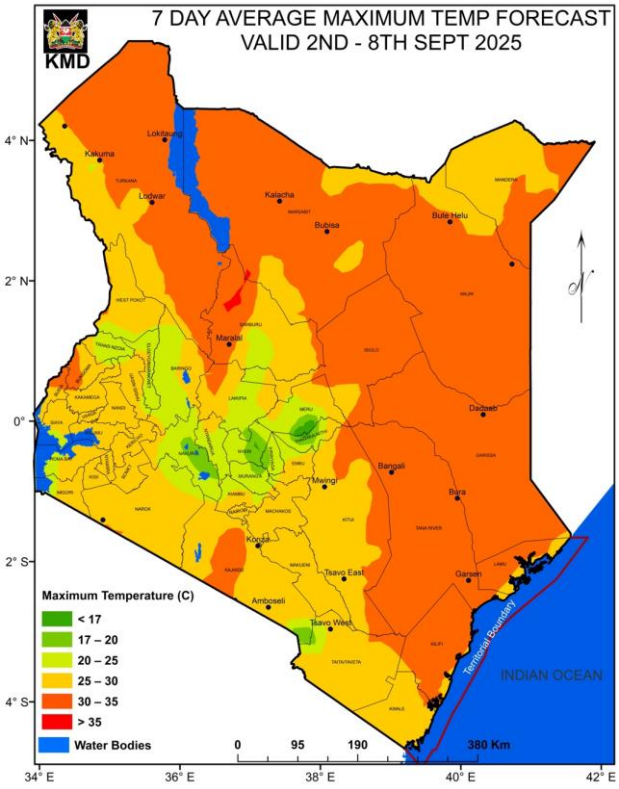

Figure 2: Forecasted Average Maximum Temperatures for 2nd to 8th September 2025.

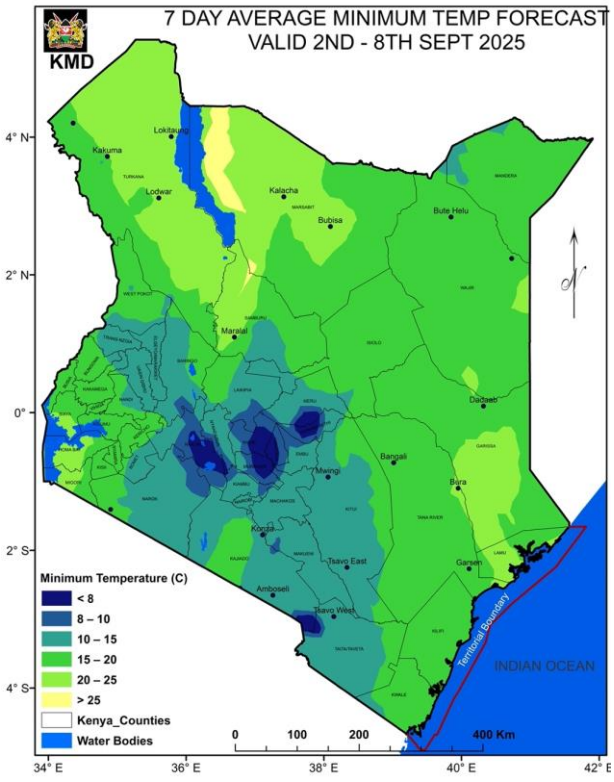

Figure 3: Forecasted Average Minimum Temperatures for 2nd to 8th September 2025.

1.1 DETAILED REGIONAL RAINFALL FORECAST FOR 2ND TO 8TH SEPTEMBER 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 likely to occur over few places. Afternoon showers and thunderstorms are expected over few places, occasionally spreading to several places. Night showers are likely to occur 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.

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

Intermittent cloudiness is expected in the mornings, giving way to sunny intervals. Occasional afternoon showers are likely to occur over few places. Nights are expected to be partly cloudy though 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.

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):

Occasional cloudiness is expected in the mornings giving way to sunny intervals for the rest of the day. 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, there is a chance of morning, afternoon and night showers occurring over few places.

2 WEATHER REVIEW FOR 25TH TO 31ST AUGUST 2025

2.1 Rainfall Review

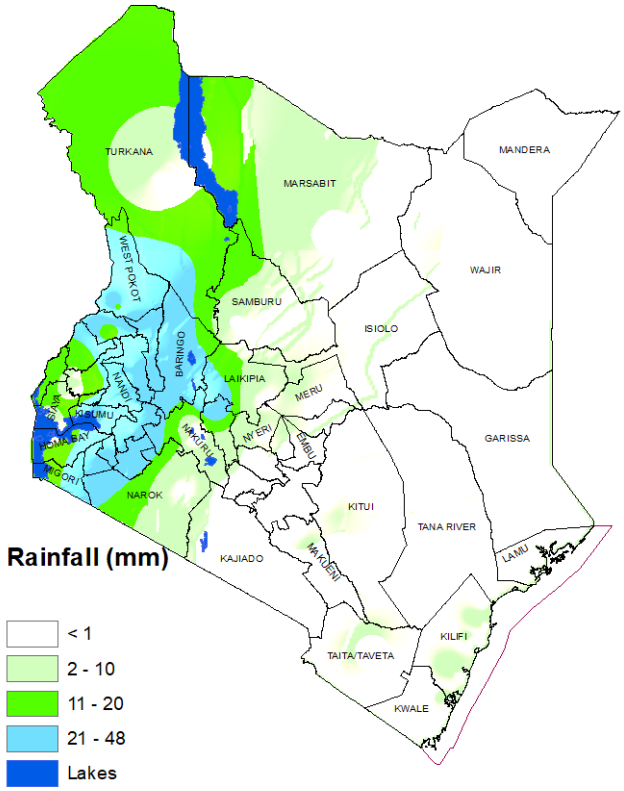

Figure 4: Observed Seven-Day Total Rainfall for 25th to 31st August 2025.

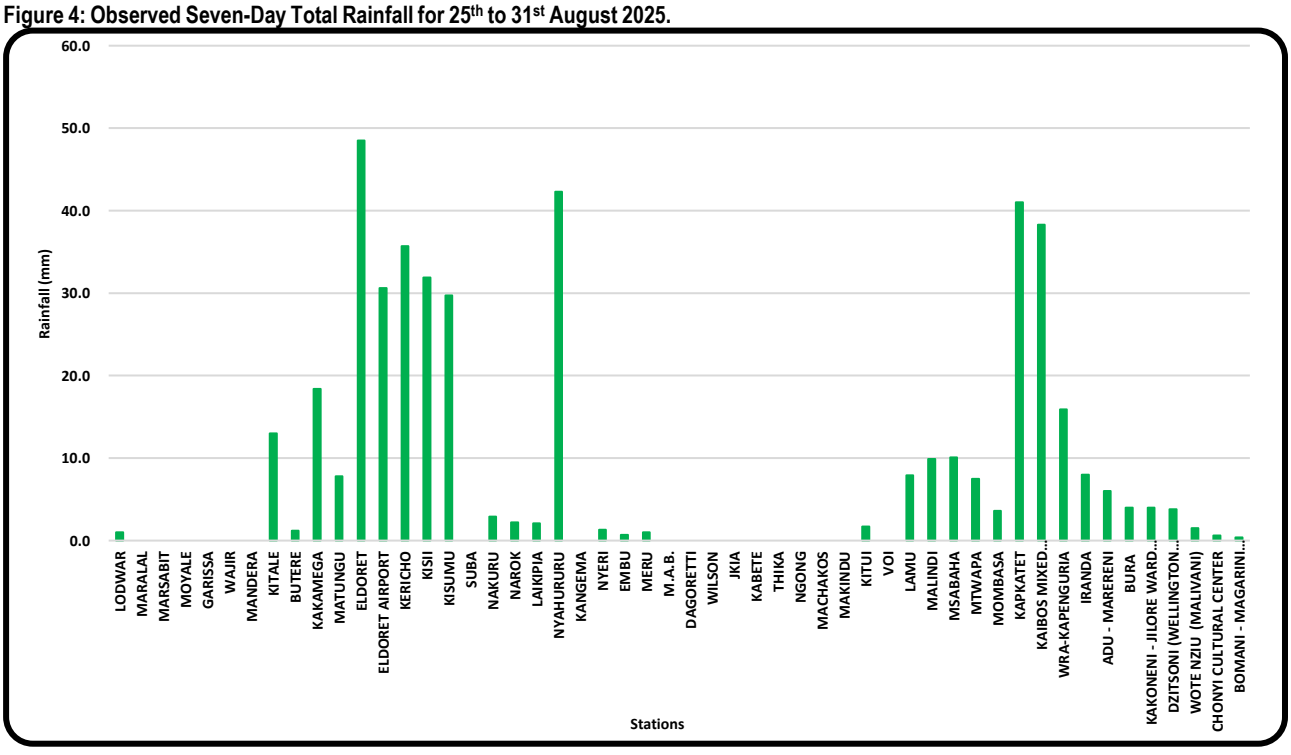

Figure 5: Observed Seven-Day Total Rainfall (per Station) for 25th to 31st August 2025.

Rainfall was recorded in several parts of the country, as shown in Figures 4 and 5.

Comparing the 18th to 24th August 2025 and the 25th to 31st August 2025 periods, it is noted that there was a decrease in rainfall amounts over the Highlands East of the Rift Valley, Northwest and Coast strip and an increase over the Highlands West of the Rift Valley.

The highest seven-day rainfall total (48.5mm) was recorded in the Eldoret Meteorological Station in Uasin Gishu County.

The rainfall station at Kaibos Mixed Secondary School in West Pokot County recorded the highest amount of rainfall within 24-hours: 30.5mm on 27th August 2025.

2.2 Temperature Review

Comparing the 18th to 24th August 2025 and the 25th to 31st August 2025 periods, it is noted that day-time (maximum) temperatures increased throughout the country except in Mandera. Night-time (minimum) temperatures decreased over most stations although a few like Lodwar, Suba and Moyale recorded decreases.

Mandera Meteorological Station recorded the highest daily maximum temperature: 36.4°C on 26th August 2025 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature: 4.9°C on 26th August 2025. Mandera Meteorological Station recorded the highest seven-day average maximum temperature: 34.7°C and Nyahururu Meteorological Station recorded the lowest seven-day average minimum temperature: 6.6°C (see Figure 6).

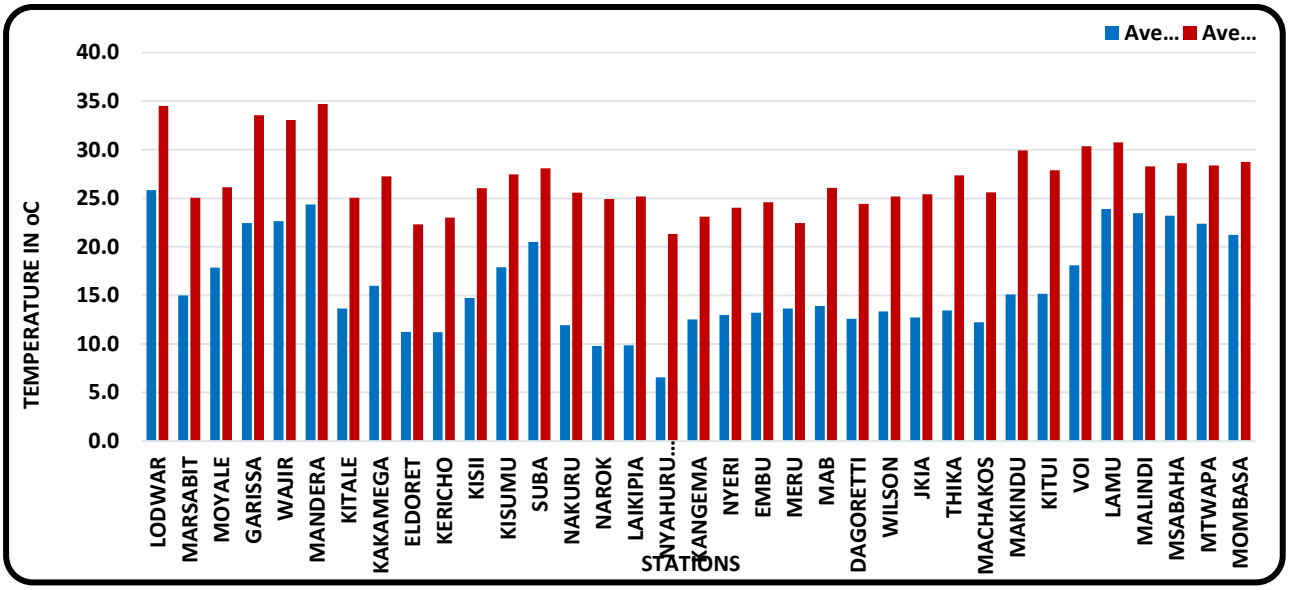

Figure 6: Seven-Day Average Maximum and Minimum Temperatures for 25th to 31st August 2025.

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.

Edward M. Muriuki
Ag. DIRECTOR, KENYA METEOROLOGICAL DEPARTMENT

APPENDIX I: INTERPRETATION OF TERMS USED

Term	Rainfall Amount (24 hrs.)	Description
Light	< 5 mm	Gentle rain, drizzle.
Moderate	5–20 mm	Steady, noticeable rain.
Heavy	21–50 mm	Intense rain, possible thunder.
Very Heavy	> 50 mm	Prolonged rain.

Term	Area Affected	Description
Few places	< 33%	Rain in a small portion of the region.
Several places	33% to 66%	Rain in multiple but not most parts of the region.
Most places	> 66%	Rain in nearly all parts of the region.

Term	Area Affected	Description
Isolated	Less than 25%	Very few areas affected.
Scattered	25–50%	Several, but not most, areas affected.
Numerous	51–70%	Many areas affected.
Widespread	Over 70%	Almost all areas affected.

Term	Time Coverage (%)	Meaning
Occasional	Less than 25%	Happens rarely or a few times.
Intermittent	25% – 50%	Starts and stops, comes and goes.
Frequent	51% – 75%	Occurs regularly.
Very Frequent / Common	More than 75%	Happens almost all the time.

Term	Probability of Occurrence	Description
Possible	10–30%	There is low confidence.
Chance of/ May	31–50%	There is moderate confidence.
Likely	51–75%	The event is more probable than not.
Expected	76–90%	There is high confidence.
Very Likely	91–99%	There is very high confidence. Almost certain.
Certain	100%	The event is guaranteed to occur.