

Our Ref: MET/7/327

Date: 8th September 2025

WEEKLY WEATHER FORECAST FOR 9TH TO 15TH SEPTEMBER 2025 & REVIEW FOR 1ST TO 7TH SEPTEMBER 2025

SUMMARY

Weather Forecast for 9th to 15th September 2025

- Rainfall is expected to continue in a few parts of the Highlands East and West of the Rift Valley, the Lake Victoria Basin and the Rift Valley.

Weather Review for 1st to 7th September 2025

- Rainfall was recorded in a few parts of the country mainly in the Highlands West of the Rift Valley, the Lake Victoria Basin and the Central Rift Valley.
- Day-time (maximum) temperatures increased throughout the country.
- Night-time (minimum) temperatures increased over a number of stations such as Narok, Nyahururu and Nakuru and decreased over Makindu, Kitui and Meru among others.

1 FORECAST FOR 9TH TO 15TH SEPTEMBER 2025

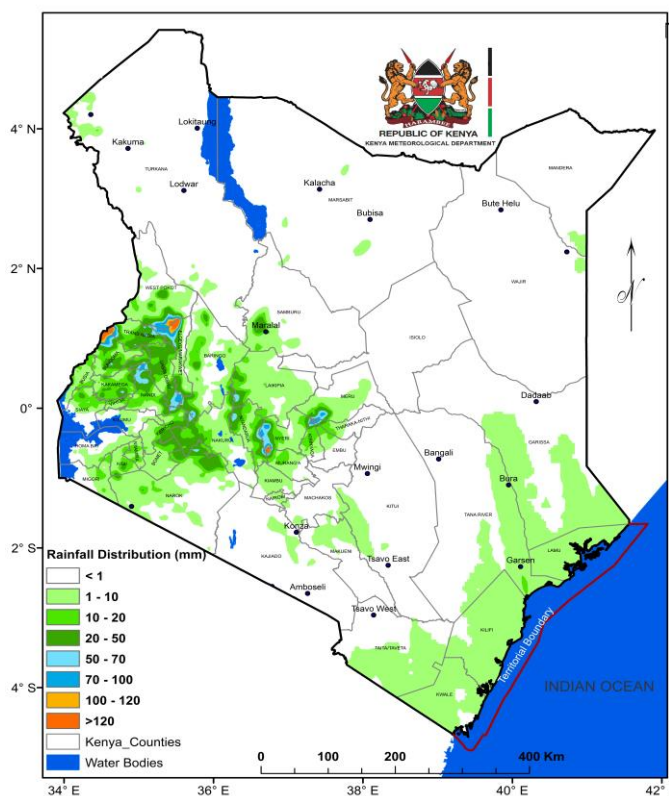


Figure 1: Forecasted Seven-Day Total Rainfall for 9th to 15th September 2025

Rainfall is expected to continue in a few parts of the Highlands East and West of the Rift Valley, the Lake Victoria Basin and the Rift Valley, as shown in **Figure 1**.

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

Night-time (minimum) average temperatures are expected to be less than 10°C in some parts of the Highlands East of the Rift Valley, the Central Rift Valley and in the vicinity of 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.

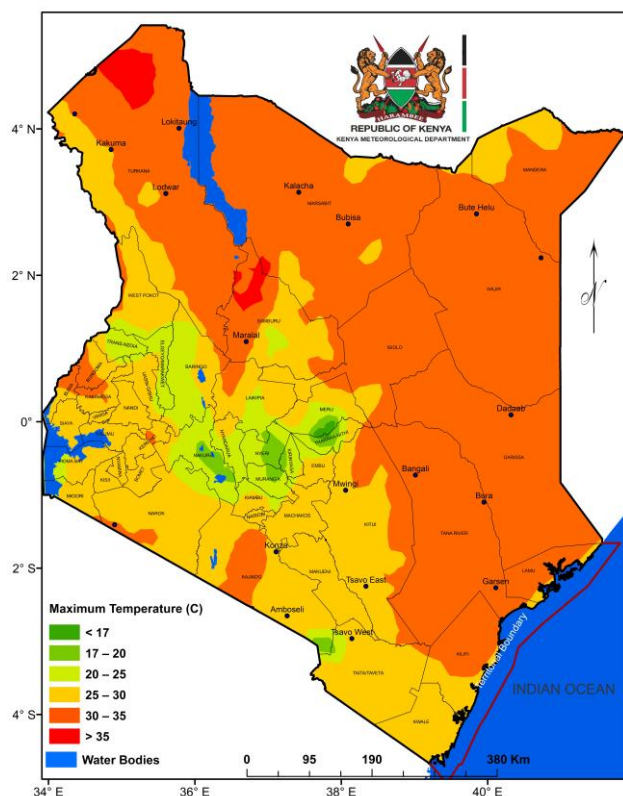


Figure 2: Forecasted Average Maximum Temperatures for 9th to 15th September 2025

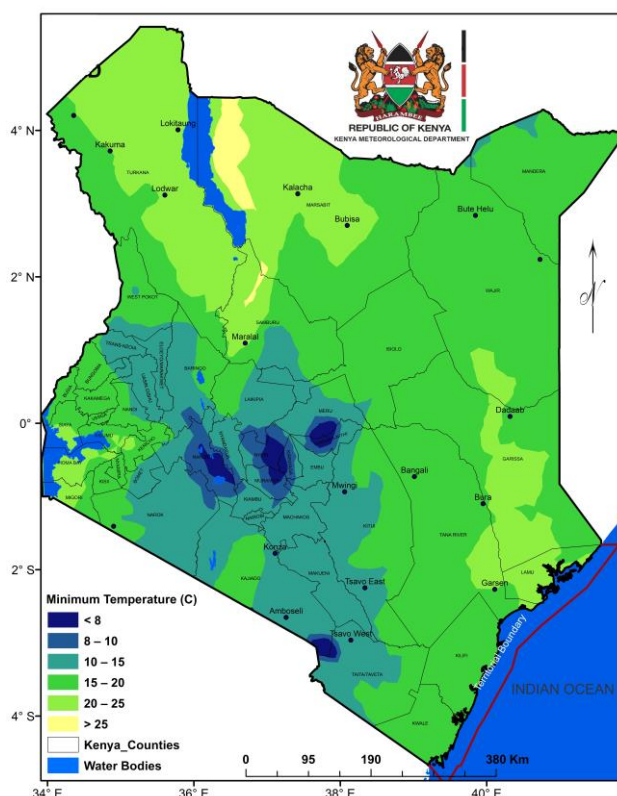


Figure 3: Forecasted Average Minimum Temperatures for 9th to 15th September 2025

1.1 DETAILED REGIONAL RAINFALL FORECAST FOR 9TH TO 15TH 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*):

Sunny intervals are expected in the mornings though occasional rains may 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.

However, morning rains as well as afternoon and night showers and thunderstorms may occur over few places.

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

Mornings are likely to be cloudy with occasional rains over few places, giving way to sunny intervals. 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.

However, occasional morning rains may occur over few 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*):

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 and night showers occurring over few places.

1.2 DETAILED TEMPERATURE FORECAST FOR 9TH TO 15TH SEPTEMBER 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	36.0	25.0	KISUMU	31.0	17.0	THIKA	30.0	10.0
MARSABIT	26.0	14.0	SUBA	30.0	20.0	MACHAKOS	29.0	10.0
MOYALE	29.0	18.0	NAKURU	27.0	12.0	MAKINDU	31.0	13.0
GARISSA	35.0	22.0	NAROK	27.0	10.0	KITUI	29.0	13.0
WAJIR	34.0	21.0	LAIKIPIA	28.0	08.0	VOI	32.0	17.0
MANDERA	37.0	24.0	NYAHURURU	22.0	07.0	LAMU	32.0	23.0
KITALE	26.0	11.0	KANGEMA	26.0	11.0	MALINDI	29.0	22.0
KAKAMEGA	30.0	14.0	NYERI	25.0	09.0	MSABAHA	30.0	22.0
ELDORET	24.0	10.0	EMBU	26.0	10.0	MTWAPA	30.0	21.0
KERICHO	24.0	09.0	MERU	26.0	11.0	MOMBASA	30.0	21.0
KISII	28.0	13.0	NAIROBI	27.0	10.0			

2 WEATHER REVIEW FOR 1ST TO 7TH SEPTEMBER 2025

2.1 Rainfall Review

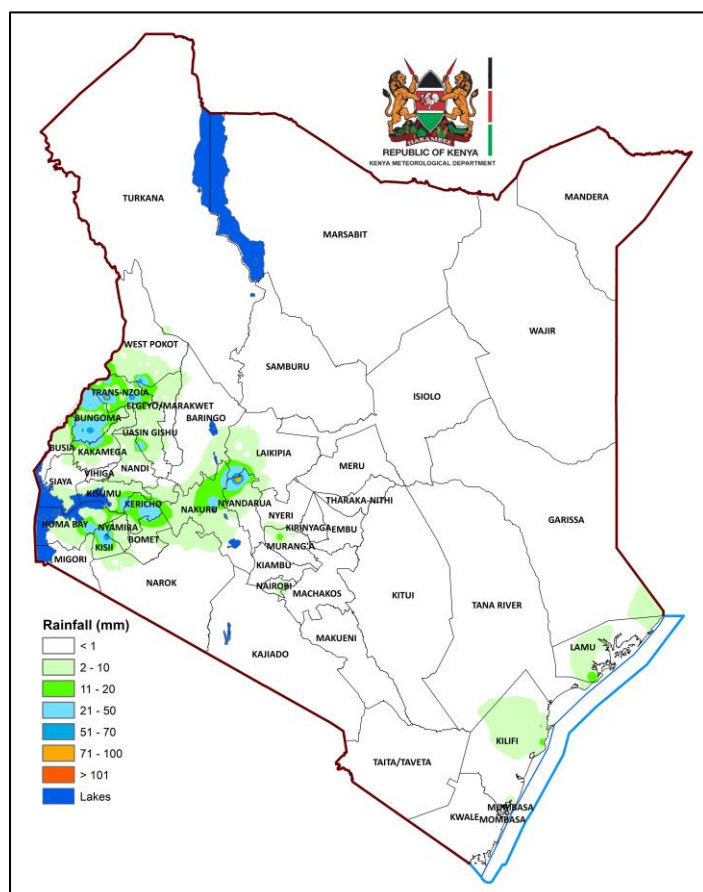


Figure 4: Observed Seven-Day Total Rainfall for 1st to 7th September 2025

Rainfall was recorded in a few parts of the country mainly in the Highlands West of the Rift Valley, the Lake Victoria Basin and the Central Rift Valley, as shown in **Figures 4 and 5**.

Comparing the 25th to 31st August 2025 and the 1st to 7th September 2025 periods, it is noted that there was a slight increase in rainfall amounts over some parts of the Highlands East of the Rift Valley and the Lake Victoria Basin.

The highest seven-day rainfall total (91.2mm) was recorded in the rainfall station at Kibisi Secondary School in Bungoma County.

The rainfall station at Eluuya Girls' Secondary School in Bungoma County recorded the highest amount of rainfall within 24-hours: 59.2mm on 7th September 2025.

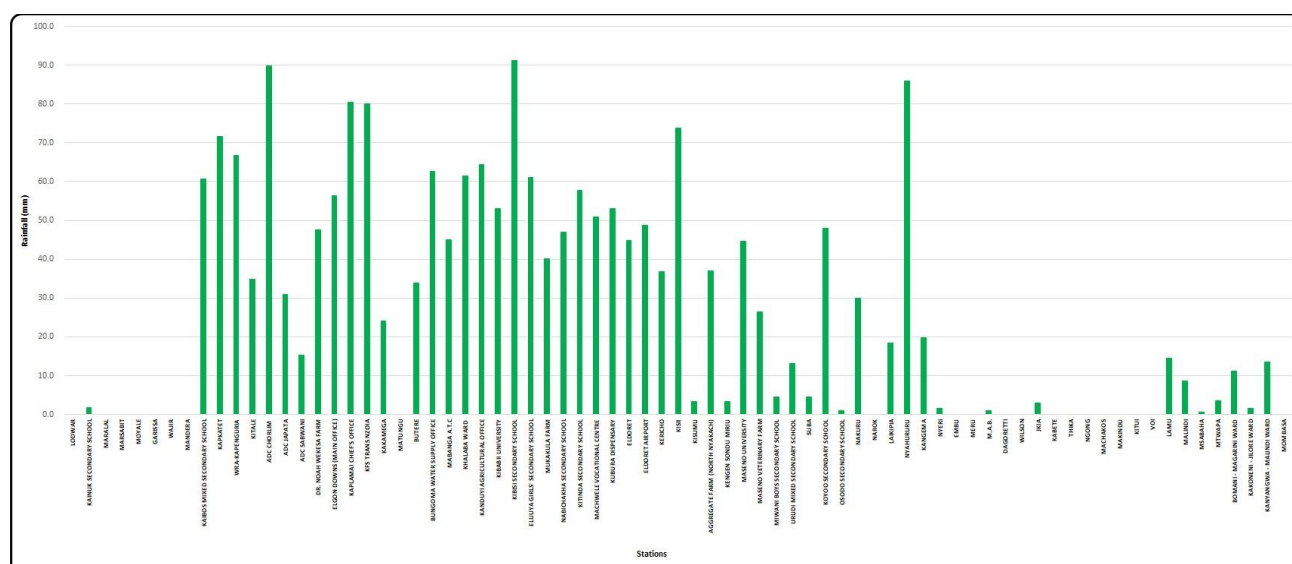


Figure 5: Observed Seven-Day Total Rainfall (per Station) for 1st to 7th September 2025

2.2 Temperature Review

Comparing the 25th to 31st August 2025 and the 1st to 7th September 2025 periods, it is noted that day-time (maximum) temperatures increased throughout the country. Night-time (minimum) temperatures increased over a number of stations such as Narok, Nyahururu and Nakuru and decreased over Makindu, Kitui and Meru among others.

Mandera Meteorological Station recorded the highest daily maximum temperature: 37.4°C on 7th September 2025 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature: 7.2°C on 6th September 2025. The same stations recorded the highest seven-day average maximum temperature and the lowest seven-day average minimum temperature: 36.1°C and 8.8°C respectively (see Figure 6).

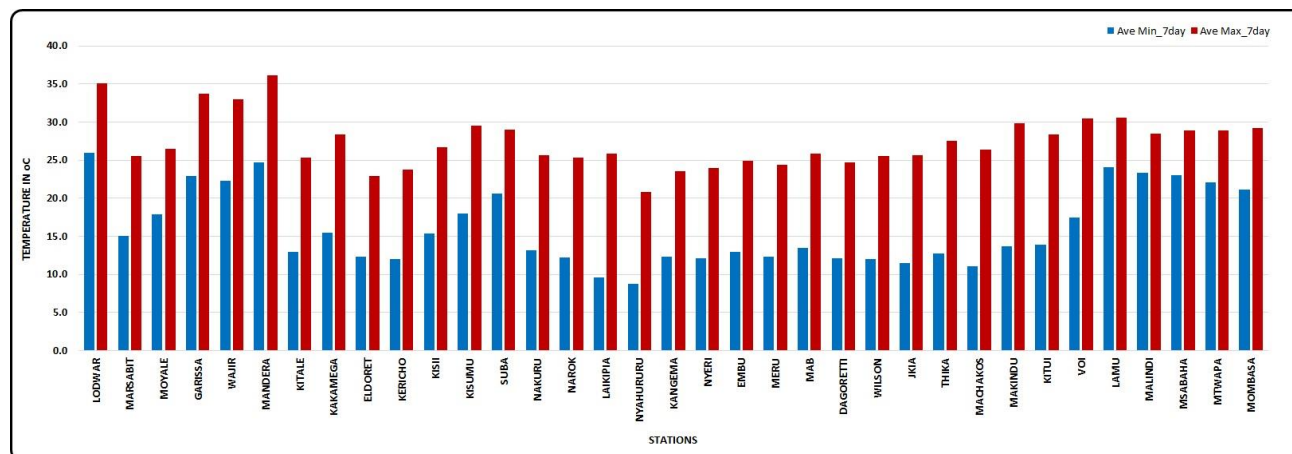


Figure 6: Seven-Day Average Maximum and Minimum Temperatures for 1st to 7th September 2025

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.

Charles Mugah
For 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.