

Our Ref: MET/7/329

Date: 22nd September 2025

WEEKLY WEATHER FORECAST FOR 23RD TO 29TH SEPTEMBER 2025 & REVIEW FOR 15TH TO 21ST SEPTEMBER 2025

SUMMARY

Weather Forecast for 23rd to 29th September 2025

- Most parts of the country are likely to be sunny and dry. However, rainfall is expected in some parts of the Highlands East and West of the Rift Valley, the Lake Victoria Basin, the Rift Valley and North-western Kenya.

Weather Review for 15th to 21st September 2025

- Rainfall was recorded in several counties most notably Trans Nzoia, West Pokot, Migori, Kisumu, Kericho, Bungoma, Mombasa and Kilifi.
- Day-time (maximum) temperatures increased throughout the country.
- Night-time (minimum) temperatures increased over a number of stations such as Kitui, Laikipia and Moyale and decreased over Nyahururu, Kisumu and Kakamega among others.

1 FORECAST FOR 23RD TO 29TH SEPTEMBER 2025

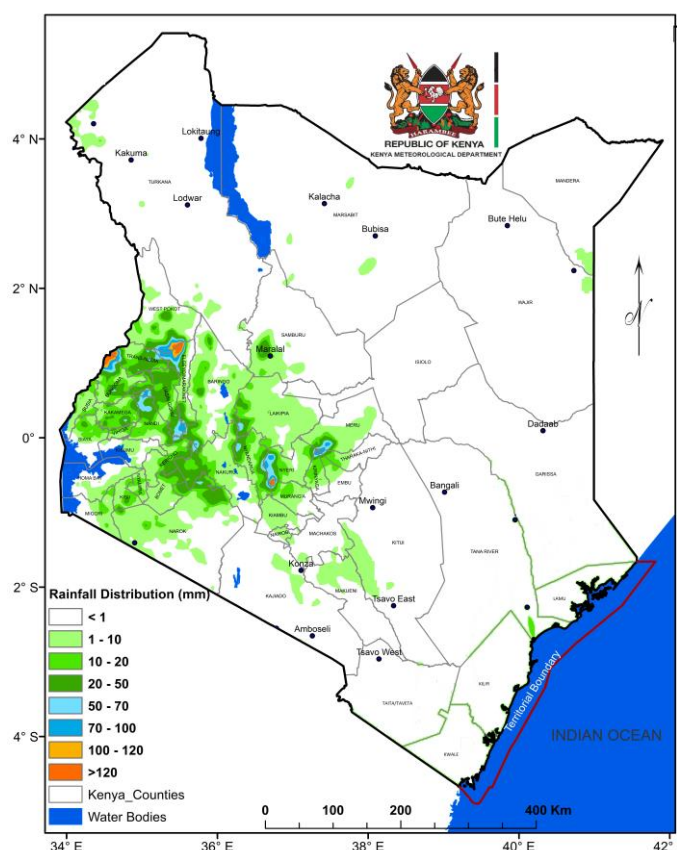


Figure 1: Forecasted Seven-Day Total Rainfall for 23rd to 29th September 2025

Most parts of the country are likely to be sunny and dry. However, rainfall is expected in some parts of the Highlands East and West of the Rift Valley, the Lake Victoria Basin, the Rift Valley and North-western Kenya, 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.

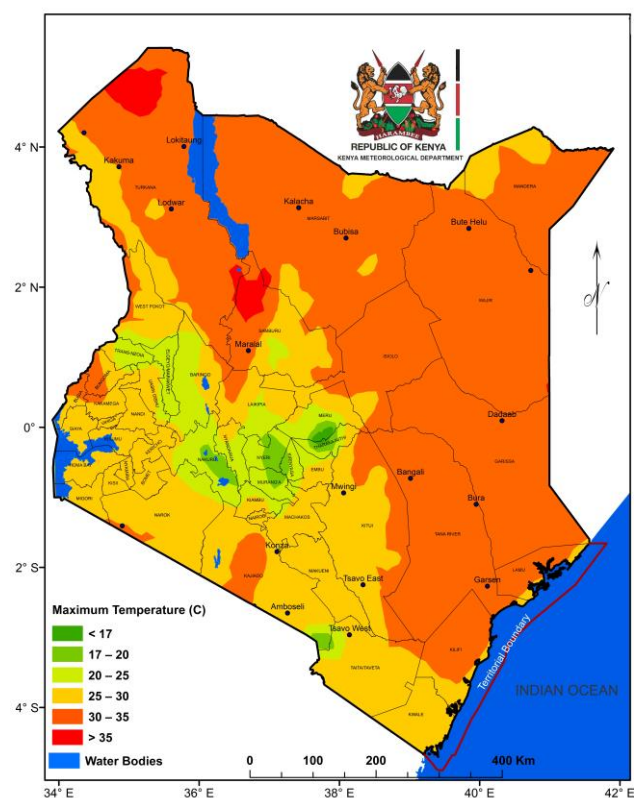


Figure 2: Forecasted Average Maximum Temperatures for 23rd to 29th September 2025

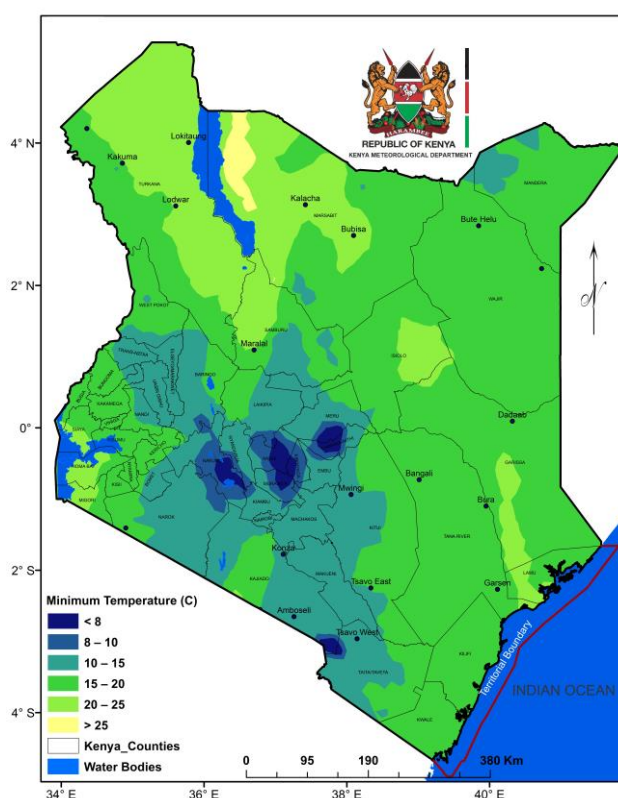


Figure 3: Forecasted Average Minimum Temperatures for 23rd to 29th September 2025

1.1 DETAILED REGIONAL RAINFALL FORECAST FOR 23RD TO 29TH 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 during the first half of the forecast period, increasing to several places thereafter. 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 during the second half of the forecast period.

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 giving way to sunny intervals for the rest of the day. Nights are expected to be partly cloudy.

However, afternoon showers may occur over few places during the second half of the forecast period.

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):

Sunny intervals are expected during the day while 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 possibility of morning showers occurring over few places.

1.2 DETAILED TEMPERATURE FORECAST FOR 23RD TO 29TH 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	37.0	25.0	KISUMU	32.0	16.0	THIKA	32.0	12.0
MARSABIT	28.0	15.0	SUBA	29.0	20.0	MACHAKOS	30.0	11.0
MOYALE	30.0	18.0	NAKURU	27.0	11.0	MAKINDU	33.0	14.0
GARISSA	36.0	23.0	NAROK	29.0	08.0	KITUI	32.0	13.0
WAJIR	36.0	22.0	LAIKIPIA	28.0	08.0	VOI	34.0	19.0
MANDERA	39.0	25.0	NYAHURURU	24.0	05.0	LAMU	32.0	22.0
KITALE	28.0	12.0	KANGEMA	27.0	12.0	MALINDI	31.0	23.0
KAKAMEGA	30.0	14.0	NYERI	28.0	11.0	MSABAHA	31.0	23.0
ELDORET	25.0	10.0	EMBU	30.0	12.0	MTWAPA	31.0	21.0
KERICHO	25.0	10.0	MERU	28.0	11.0	MOMBASA	31.0	21.0
KISII	28.0	15.0	NAIROBI	30.0	10.0			

2.1 Rainfall Review

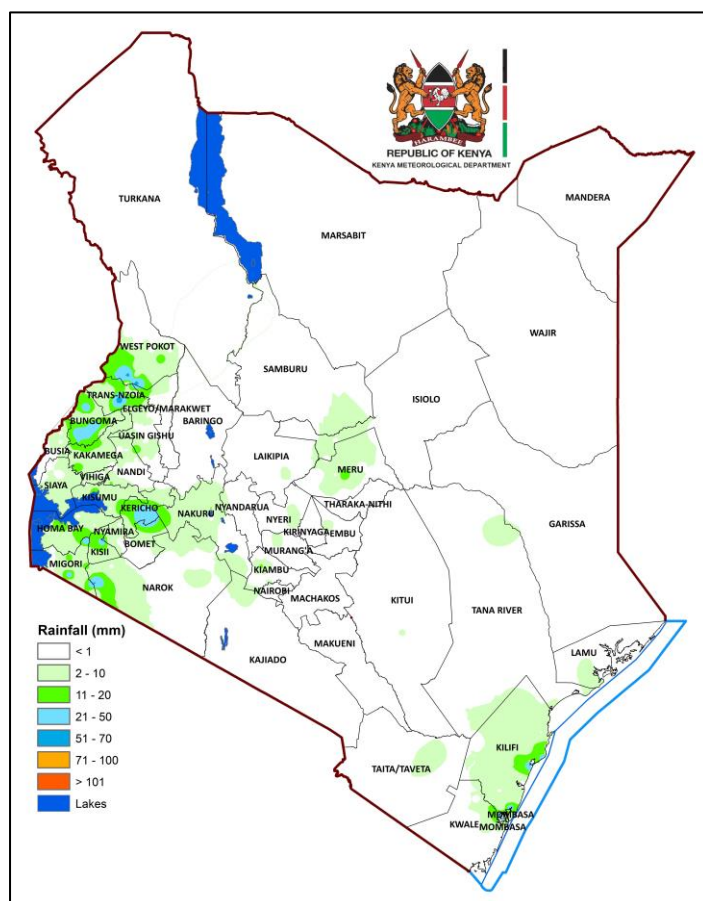


Figure 4: Observed Seven-Day Total Rainfall for 15th to 21st September 2025

Rainfall was recorded in several counties most notably Trans Nzoia, West Pokot, Migori, Kisumu, Kericho, Bungoma, Mombasa and Kilifi as shown in **Figures 4 and 5**.

Comparing the 8th to 14th September 2025 and the 15th to 21st September 2025 periods, it is noted that there was an increase in rainfall amount over the Coast and Highlands East of the Rift Valley.

The highest seven-day rainfall total (76.4mm) was recorded in Kitale Meteorological Station.

Kitale Meteorological Station also recorded the highest amount of rainfall within 24-hours: 59.0mm on 20th September 2025.

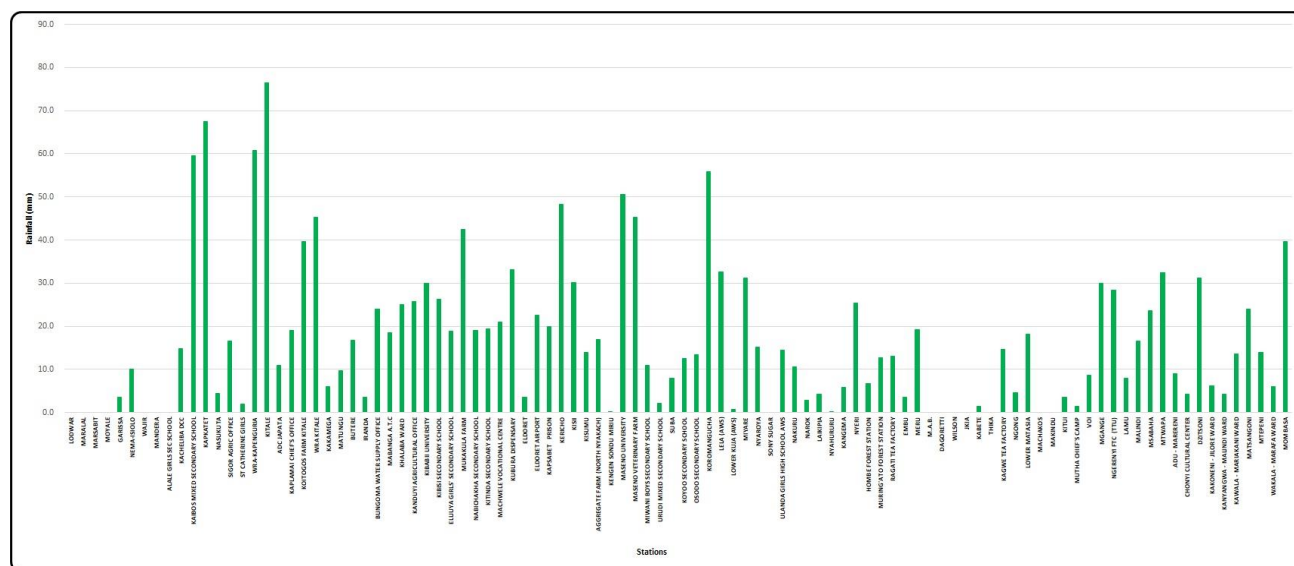


Figure 5: Observed Seven-Day Total Rainfall (per Station) for 15th to 21st September 2025

2.2 Temperature Review

Comparing the 8th to 14th September 2025 and the 15th to 21st 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 Kitui, Laikipia and Moyale and decreased over Nyahururu, Kisumu and Kakamega among others.

Mandera Meteorological Station recorded the highest daily maximum temperature: 38.6°C on 16th September 2025 while Nyahururu Meteorological Station recorded the lowest daily minimum temperature: 5.0°C on 21st September 2025. The same stations recorded the highest seven-day average maximum temperature and the lowest seven-day average minimum temperature: 37.4°C and 6.0°C respectively (see **Figure 6**).

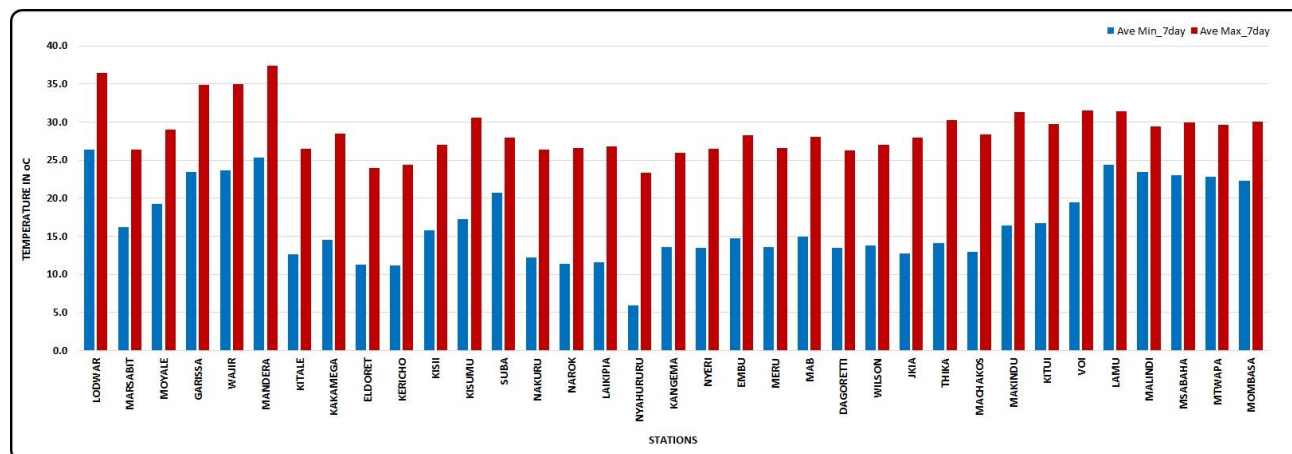


Figure 6: Seven-Day Average Maximum and Minimum Temperatures for 15th to 21st September 2025

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.


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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.