



MINISTRY OF ENVIRONMENT, CLIMATE CHANGE AND FORESTRY

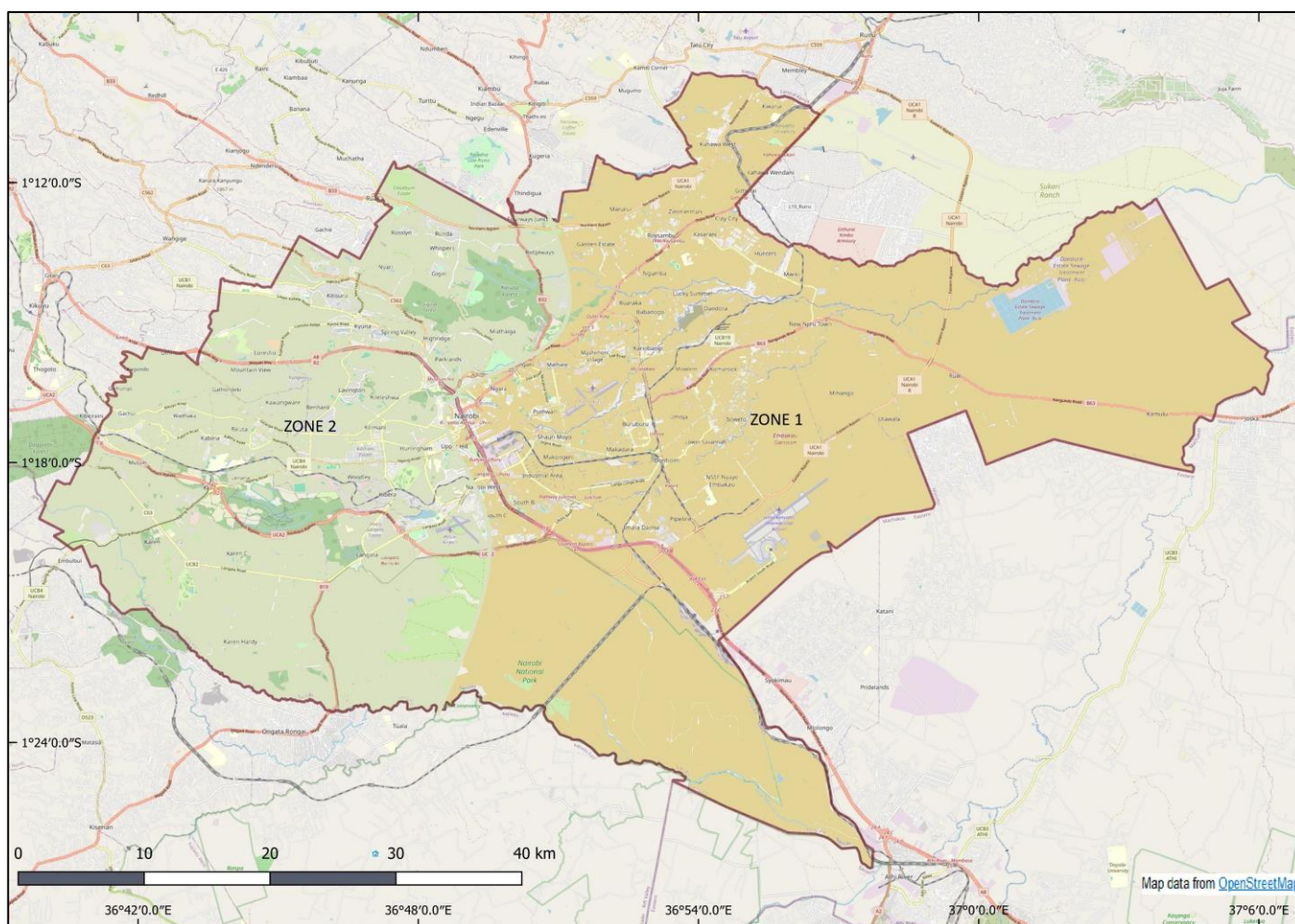
STATE DEPARTMENT FOR ENVIRONMENT AND CLIMATE CHANGE

KENYA METEOROLOGICAL DEPARTMENT

24-HOUR FORECAST FOR NAIROBI COUNTY

VALIDITY: 15 TO 16 OCTOBER 2025

FORECAST ISSUED ON: 15 OCTOBER 2025



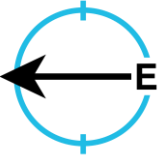
SUMMARY:

- *The County is likely to be generally dry with intermittent cloudiness.*

Table 1: 24-Hour Forecast for Zone 1 (Mathare, Kasarani, Ruaraka, Roysambu, Kamukunji, Makadara, Starehe, Embakasi West, Embakasi Central, Embakasi East, Embakasi South, Embakasi North, Lang'ata)

Date/Time	Wind strength	Wind direction	Apparent Temperature*	Weather	Rainfall Distribution	Rainfall-related Hazards**
Wednesday 15 October 2025 Night (6pm – 6am)	 Light wind	 NE	13°C	 Partly cloudy.		No rainfall-related hazards are expected
Thursday 16 October 2025 Morning (6am - 12pm)	 Light wind	 E	23°C	 Cloudy breaking into sunny intervals.		No rainfall-related hazards are expected
Thursday 16 October 2025 Afternoon (12pm - 6pm)	 Light wind	 SE	27°C	 Sunny intervals.		No rainfall-related hazards are expected

Table 2: 24-Hour Forecast for Zone 2 (Westlands, Dagoretti South, Dagoretti North, Kibra, Lang'ata)

Date/Time	Wind strength	Wind direction	Apparent Temperature*	Weather	Rainfall Distribution	Rainfall-related Hazards**
Wednesday 15 October 2025 Night (6pm – 6am)	 Light wind	 Variable	09°C	 Partly cloudy.		No rainfall-related hazards are expected
Thursday 16 October 2025 Morning (6am - 12pm)	 Light wind	 E	23°C	 Cloudy breaking into sunny intervals.		No rainfall-related hazards are expected
Thursday 16 October 2025 Afternoon (12pm - 6pm)	 Light wind	 SE	27°C	 Sunny intervals.		No rainfall-related hazards are expected

****Rainfall-related hazards include flooding, lightning strikes and strong winds.**

Colour coding of rainfall-related hazards:

Green	No rainfall-related hazards are expected.
Amber	Rainfall-related hazards are likely to occur. They may pose a threat to life and damage property. Be prepared.
Red	Dangerous and potentially life threatening weather conditions are expected. Take appropriate action immediately to ensure your safety and the safety of your family and neighbours.

Key for symbols showing spatial rainfall distribution



Rain likely to fall in few places (<33%). A small portion of the zone is likely to receive rainfall.



Rain likely to fall in several places (33-66%). Multiple but not most parts of the zone are likely to receive rainfall.



Rain likely to fall in most places (> 66%). Rain is expected in nearly all parts of the zone.

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	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.

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.

*Apparent temperature (or Heat Index) is how hot a person feels due to the combined effect of temperature and relative humidity.

Colour coding of apparent temperature:

Classification	Effects on the body	Actions to take
Safe <27°C	✓ Little to no effects.	✓ No actions required.
Caution 27 to 31°C	✓ Fatigue may occur with prolonged exposure to heat and/or physical activity.	✓ Drink plenty of water. ✓ Don't stay outdoors for too long. ✓ Stay in the shade in the afternoon. ✓ Open windows at night and use fans.
Extreme Caution 32 to 40°C	✓ Sun stroke, heat cramps, or heat exhaustion may occur with prolonged exposure to heat and/or physical activity.	✓ Drink plenty of water. ✓ Don't stay outdoors for too long. ✓ Stay in a cool place in the afternoon. ✓ Open windows at night and use fans/air-conditioning. ✓ Carry outdoor activities when it's cool.
Danger 41 to 54°C	✓ Sun stroke, heat cramps or heat exhaustion likely to occur. ✓ Heat stroke may occur with prolonged exposure to heat and/or physical activity.	✓ Drink plenty of water. ✓ Stay in a cool place in the afternoon and evening. ✓ Use air-conditioning. ✓ Avoid outdoor activities or carry them out when it's cool.
Extreme Danger > 54°C	✓ Heat stroke very likely to occur with continued exposure to heat.	✓ Drink plenty of water. ✓ Stay a cool place all day. ✓ Use air-conditioning. ✓ Avoid outdoor activities.

Colour coding of apparent temperature adapted from NOAA-NWS-USA: [HeatRisk v2.5 - Understanding HeatRisk](#) and [Heat Index Chart](#)

N.B: This forecast should be used in conjunction with the daily (24-hour) forecast issued by this Department.