



REPUBLIC OF KENYA
MINISTRY OF ENVIRONMENT AND FORESTRY
KENYA METEOROLOGICAL DEPARTMENT

NYAMIRA COUNTY
WEEKLY WEATHER FORECAST

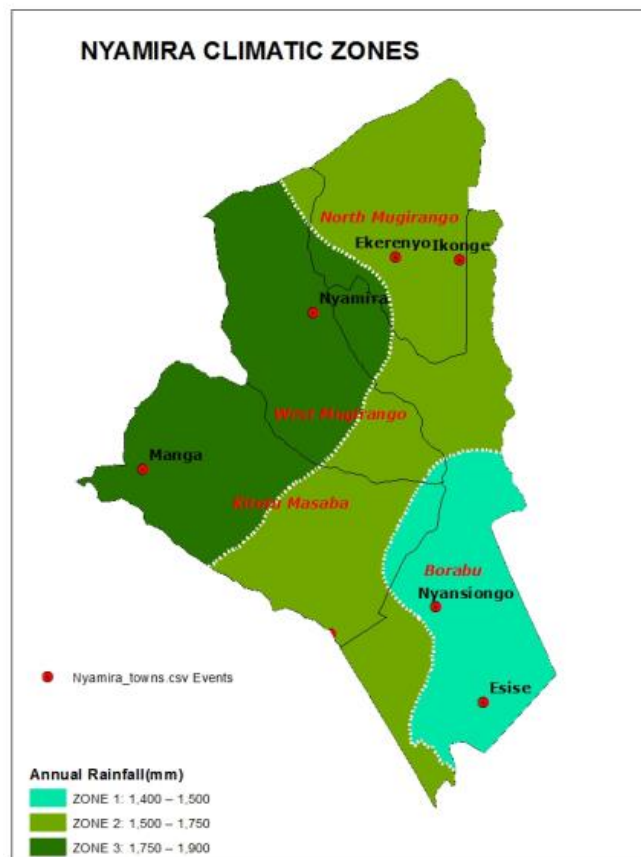


Figure 1: Nyamira climate zones

Date of issue: Monday 13th July, 2026

Period of forecast: Tuesday 14th July, 2026 to Monday 20th July, 2026.

Table 1: Climate zone 1..... (Borabu, Nyansiongo, Esise, Mekenene, Kajaure, Mwongori, Kipkebe), Matutu

	Tuesday 14/7/2026	Wednesday 15/7/2026	Thursday 16/7/2026	Friday 17/7/2026	Saturday 18/7/2026	Sunday 19/7/2026	Monday 20/7/2026
Morning	 Sunny intervals	 Sunny intervals	 Cloudiness	 rains over few places	 rains over few places	 rains over few places	 rains over few places
Afternoon/ Evening	 Showers & Thunderstorms over several places	 Cloudiness	 Cloudiness	 Sunny intervals	 Sunny intervals	 Showers & Thunderstorms over several places	 Showers & Thunderstorms over several places
Night	 partly cloudy	 partly cloudy	 Cloudiness	 partly cloudy	 partly cloudy	 partly cloudy	 partly cloudy
Rainfall distribution	 Showers over several places			 rains over few places	 rains over few places	 Showers over several places	 Showers over several places
Maximum temperature	23-24°C	23-24°C	24-25°C	24°C	24°C	21-25°C	24-25°C
Minimum temperature	12-13°C	12-13°C	12°C	13°C	13°C	13°C	12-13°C
Hazards	 Lightning/Thunderstorms	Green- No weather-related hazards are expected	Green- No weather-related hazards are expected	Green- No weather-related hazards are expected	Green- No weather-related hazards are expected	 Lightning/Thunderstorms	 Lightning/Thunderstorms

Key to rainfall distribution symbols:  rain is likely to fall in few places (less than 33%),  rain is likely to fall in many places (33-67%),  and rain is likely to fall in most places (more than 67%) **Green-** No weather-related hazards are expected **Amber-** Lightning and Thunderstorms

Table 2: Climate zone 2..... (Ekerenyo, Magwagwa, Ikonge, Kiabonyoru, Nyamusi, Gekendo, Miruka)

	Tuesday 14/7/2026	Wednesday 15/7/2026	Thursday 16/7/2026	Friday 17/7/2026	Saturday 18/7/2026	Sunday 19/7/2026	Monday 20/7/2026
Morning	 Sunny intervals	 Sunny intervals	 Cloudiness	 rains over few places	 rains over few places	 rains over few places	 rains over few places
Afternoon/ Evening	 Showers & Thunderstorms over several places	 Sunny intervals	 Cloudiness	 Showers & Thunderstorms over several places	 Showers & Thunderstorms over several places	 Showers & Thunderstorms over several places	 Sunny intervals
Night	 partly cloudy	 partly cloudy	 partly cloudy	 partly cloudy	 partly cloudy	 partly cloudy	 partly cloudy
Rainfall distribution	 Showers over several places			 Showers over several places	 Showers over several places	 Showers over several places	 rains over few places
Maximum temperature	22-25°C	22-25°C	23-25°C	23-26°C	23-25°C	23-26°C	26°C
Minimum temperature	12-13°C	11-13°C	12-15°C	12-14°C	12-14°C	12-14°C	14°C
Hazards	 Lightning/Thunderstorms	Green- No weather-related hazards are expected	Green- No weather-related hazards are expected	 Lightning/Thunderstorms	 Lightning/Thunderstorms	 Lightning/Thunderstorms	Green- No weather-related hazards are expected

Key to rainfall distribution symbols:  rain is likely to fall in few places (less than 33%),  rain is likely to fall in many places (33-67%),  and rain is likely to fall in most places (more than 67%) **Green-** No weather-related hazards are expected **Amber-**Lightning and Thunderstorms

Table 3: Climate zone 3..... (Nyamira, Nyamaiya, kebirigo Sironga, Tombe, Bosamaro, Gachuba, Rigoma, Manga, Kemera)

	Tuesday 14/7/2026	Wednesday 15/7/2026	Thursday 16/7/2026	Friday 17/7/2026	Saturday 18/7/2026	Sunday 19/7/2026	Monday 20/7/2026
Morning	 Sunny intervals	 Sunny intervals	 Cloudiness	 rains over few places	 rains over few places	 rains over few places	 rains over few places
Afternoon/ Evening	 Showers & Thunderstorms over several places	 Showers & Thunderstorms over several places	 Cloudiness	 Showers & Thunderstorms over several places	 showers over few places	 Showers & Thunderstorms over several places	 Showers & Thunderstorms over several places
Night	 partly cloudy	 partly cloudy	 partly cloudy	 partly cloudy	 partly cloudy	 partly cloudy	 partly cloudy
Rainfall distribution	 Showers over several places	 Showers over several places		 Showers over several places	 Showers over few places	 Showers over several places	 Showers over several places
Maximum temperature	23-25°C	23-25°C	23-25°C	23-25°C	23-25°C	24-25°C	23-25°C
Minimum temperature	13-14°C	12-14°C	13-15°C	13-14°C	13-14°C	13-15°C	13-16°C
Hazards	 Lightning/Thunderstorms	 Lightning/Thunderstorms	Green- No weather-related hazards are expected	 Lightning/Thunderstorms	Green- No weather-related hazards are expected	 Lightning/Thunderstorms	 Lightning/Thunderstorms

Key to rainfall distribution symbols:  rain is likely to fall in few places (less than 33%),  rain is likely to fall in many places (33-67%),  and rain is likely to fall in most places (more than 67%) **Green**- No weather-related hazards are expected **Amber** -Lightning and Thunderstorms

COUNTY WEEKLY WEATHER & SAFETY GUIDE

1. Precipitation Forecast

- i. **Morning: Light to moderate rain** will impact **Zones 1, 2, and 3** from **Friday through Monday**.
- ii. **Afternoon & Evening: Scattered showers and thunderstorms** are expected on the following schedules:
 - **Zone 1: Tuesday, Sunday, and Monday.**
 - **Zone 2: Tuesday, Friday, Saturday, and Sunday.**
 - **Zone 3: Daily throughout the week**, with the sole exception of **Thursday**.

2. Temperature

- **Daytime:** Highs between **21°C and 26°C**.
- **Nighttime:** Lows between **11°C and 16°C**.

3. SAFETY & STRATEGY: ESSENTIAL GUIDELINES

i) Agriculture and Food security sector

- **Suspend open-air drying:** Halt maize and tea leaf drying from Friday to Monday across all zones due to continuous morning rain.
- **Time chemical applications:** Avoid spraying agrochemicals in Zone 2 from Friday to Sunday and Zone 3 all week (except Thursday) to prevent chemical wash-off.
- **Clear farm drainage:** Clear furrows in low-lying areas of Zones 1, 2, and 3 before Friday to prevent waterlogging from morning rains.
- **Maximize dry windows:** Conduct land preparation and weeding in Zone 1 on Wednesday, Thursday, and Friday when afternoon storms are absent.

ii) Public Health and Sanitation

- **Prevent waterborne diseases:** Boil or treat drinking water, as morning rain and

afternoon storms can cause surface runoff to contaminate unprotected water sources.

- **Manage respiratory ailments:** Advice to residents, especially children and the elderly to dress warmly, as night temperatures will drop to a chilly 11°C.
- **Destroy breeding sites:** Clear stagnant water around homesteads to prevent mosquito breeding, which may rise due to the continuous wet conditions.

iii) **Energy and telecommunications**

- **Mitigate lightning strikes:** Ensure all critical county infrastructure, schools, and health facilities have functional lightning arrestors to handle daily afternoon thunderstorms.
- **Trim tree branches:** Prune branches near power lines ahead of the weekend to minimize power disruptions caused by storm-driven wind gusts.
- **Prepare backup power:** Hospitals and essential service centers should secure alternative power sources to counter potential grid failures during afternoon storms.

iv). **Disaster Risk Management (DRM):**

- **Monitor landslide risks:** Put emergency teams on high alert along the steep ridges of Nyamira, as continuous morning rain triggers soil saturation.
- **Sensitize on lightning:** Warn residents against sheltering under tall trees or standing in open tea fields during afternoon thunderstorms.
- **Restrict river crossings:** Issue public alerts against crossing swollen seasonal rivers or low-lying bridges during peak evening storm hours.

v) **Infrastructure, Construction, and Transport**

- **Drive with caution:** Motorists on the multi-hilly Nyamira roads should expect slippery conditions and poor visibility during morning hours from Friday to Monday.
- **Protect open excavations:** Contractors in Zone 3 must secure construction sites daily (except Thursday) against sudden afternoon thunderstorm runoff.
- **Clear urban drainage:** Town councils in Nyamira and Keroka must declog drainage systems immediately to mitigate flash floods from afternoon storms.
- **Plan grading works:** Schedule heavy road earthworks and drainage construction in Zone 2 on Wednesday and Thursday to avoid severe disruptions.

- **Install lightning arrestors:** Install or inspect lightning protection systems on public buildings, schools, and tea-buying centres across all zones.
 - **Prune power line hazards:** Trim trees near distribution lines ahead of Friday to prevent power outages caused by storm-driven winds.
 - **Secure emergency power:** Health facilities must check generator fuel levels, especially in Zone 3 where daily afternoon storms threaten grid stability.
- vi) **Manage Drainage systems of the County:** Municipal teams must clear urban storm drains immediately to prevent localized flash flooding from daily afternoon thunderstorms.

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

You can also find more information about the climate and weather in Kenya on the KMD website <http://www.meteo.go.ke>

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, high intensity.

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.