**REPUBLIC OF KENYA**
**MINISTRY OF ENVIRONMENT AND FORESTRY**
**KENYA METEOROLOGICAL DEPARTMENT**

# NYAMIRA COUNTY
# WEEKLY WEATHER FORECAST

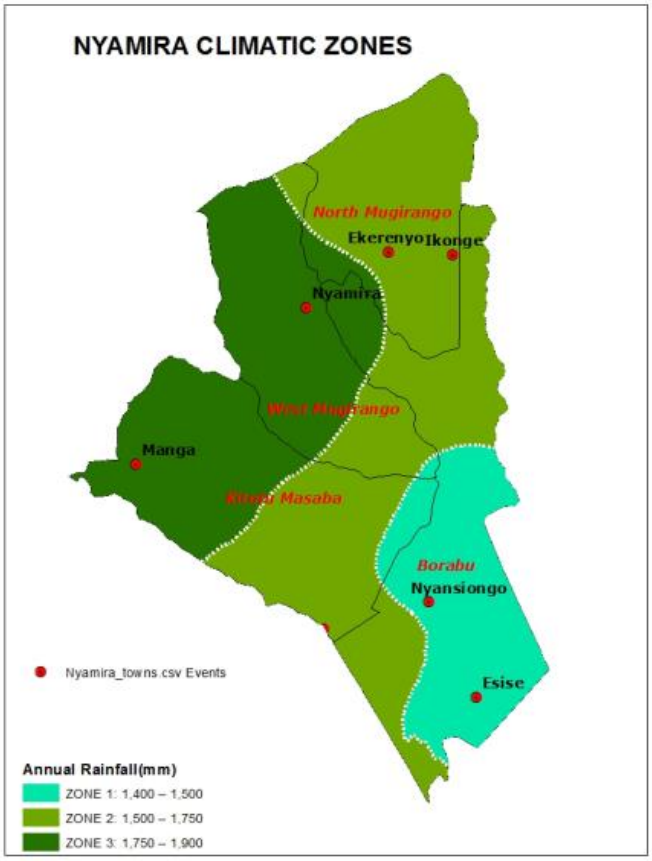
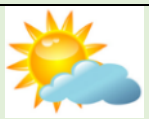
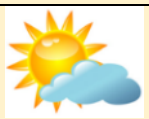
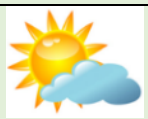
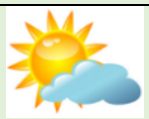
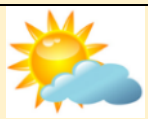
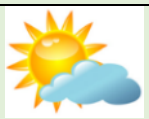
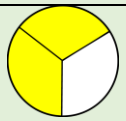
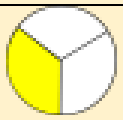
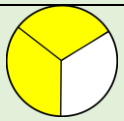
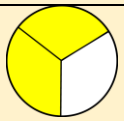



*Figure 1: Nyamira climate zones*

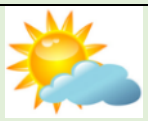
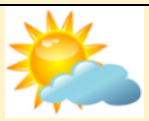
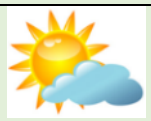
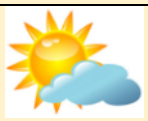
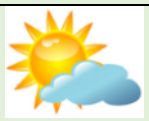
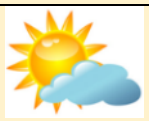
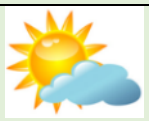
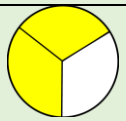
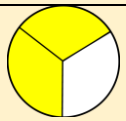
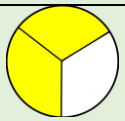
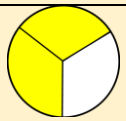
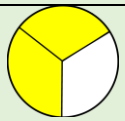
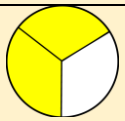
**Date of issue: Monday 3rd Aug., 2026**
**Period of forecast: Tuesday 4th Aug., 2026 to Monday 10th Aug., 2026.**

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

| | Tuesday 4/8/2026 | Wednesday 5/8/2026 | Thursday 6/8/2026 | Friday 7/8/2026 | Saturday 8/8/2026 | Sunday 9/8/2026 | Monday 10/8/2026 |
|---|---|---|---|---|---|---|---|
| **Morning** |  Sunny intervals |  Sunny intervals |  Sunny intervals |  rains over few places |  Sunny intervals |  Sunny intervals |  Sunny intervals |
| **Afternoon/ Evening** |  Showers & Thunderstorms over several places |  showers over few places |  Showers & Thunderstorms over several places |  Showers & Thunderstorms over several places |  Sunny intervals |  Sunny intervals |  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 few places |  Showers over several places |  Showers over several places | | | |
| **Maximum temperature** | 23-24°C | 22-24°C | 22-24°C | 23-24°C | 22-24°C | 24-25°C | 24-26°C |
| **Minimum temperature** | 12-13°C | 11-12°C | 10-12°C | 11-12°C | 11-12°C | 11-12°C | 11-12°C |
| **Hazards** |  Lightning/ Thunderstorms |  Lightning/ Thunderstorms |  Lightning/ Thunderstorms |  Lightning/ Thunderstorms | *Green- No weather-related hazards are expected* | *Green- No weather-related hazards are expected* | *Green- No weather-related hazards are expected* |

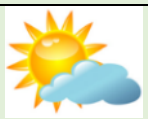
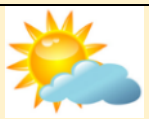
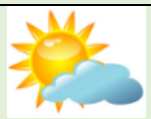
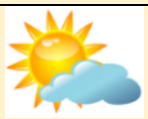
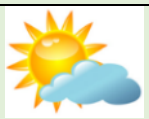
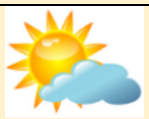
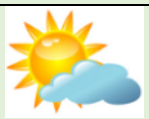
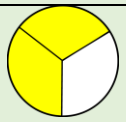
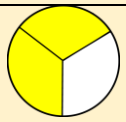
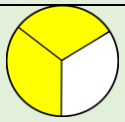
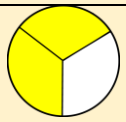
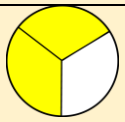
*Key to rainfall distribution symbols:*  *rain is likely to fall in few places (less than 33%),*  *rain is likely to fall in many places (33-67%),*  *and rain is likely to fall in most places (more than 67%) Green- No weather-related hazards are expected Amber -Lighting and Thunderstorms*

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

| | Tuesday 4/8/2026 | Wednesday 5/8/2026 | Thursday 6/8/2026 | Friday 7/8/2026 | Saturday 8/8/2026 | Sunday 9/8/2026 | Monday 10/8/2026 |
|---|---|---|---|---|---|---|---|
| **Morning** |  Sunny intervals |  Sunny intervals |  Sunny intervals |  Sunny intervals |  Sunny intervals |  Sunny intervals |  Sunny intervals |
| **Afternoon/ Evening** |  Showers & Thunderstorms over several places |  Showers & Thunderstorms over several places |  Showers & Thunderstorms over several places |  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 |  Showers over several places |  Showers over several places | |
| **Maximum temperature** | 23-26°C | 22-25°C | 23-25°C | 23-25°C | 23-26°C | 23-26°C | 24-27°C |
| **Minimum temperature** | 14-15°C | 11-14°C | 11-13°C | 12-16°C | 12-16°C | 12-15°C | 11-15°C |
| **Hazards** |  Lightning/ Thunderstorms |  Lightning/ Thunderstorms |  Lightning/ Thunderstorms |  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 -Lighting and Thunderstorms*

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

| | Tuesday 4/8/2026 | Wednesday 5/8/2026 | Thursday 6/8/2026 | Friday 7/8/2026 | Saturday 8/8/2026 | Sunday 9/8/2026 | Monday 10/8/2026 |
|---|---|---|---|---|---|---|---|
| **Morning** |  Sunny intervals |  Sunny intervals |  Sunny intervals |  Sunny intervals |  Sunny intervals |  Sunny intervals |  Sunny intervals |
| **Afternoon/ Evening** |  Showers & Thunderstorms over several places |  Showers & Thunderstorms over several places |  Showers & Thunderstorms over several places |  Showers & Thunderstorms over several places |  Sunny intervals |  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 | |  Showers over several places | |
| **Maximum temperature** | 23-25°C | 23-24°C | 23-24°C | 23-25°C | 23-25°C | 24-26°C | 24-26°C |
| **Minimum temperature** | 12-14°C | 11-15°C | 11-13°C | 12-15°C | 12-15°C | 12-15°C | 11-14°C |
| **Hazards** |  Lightning/ Thunderstorms |  Lightning/ Thunderstorms |  Lightning/ Thunderstorms |  Lightning/ Thunderstorms | *Green- No weather-related hazards are expected* |  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 -Lighting and Thunderstorms

# Nyamira County: Weekly Forecast & Safety

## Weather Forecast

### 1. Precipitation Outlook

**i) Morning Conditions**
Sunny intervals will prevail every morning throughout the week.

**ii) Afternoon & Evening Storms**

- **Zones 1 & 3:** Widespread showers and thunderstorms are expected from Tuesday to Friday. Zone 3 will also experience storms on Sunday.
- **Zone 2:** Continuous daily showers and thunderstorms are expected from Tuesday all through to Sunday.

### 2. Temperature

i. **Daytime (Max.)** Temperatures: (22°C - 29°C).

ii. **Nighttime (Min.)** Temperatures: (11°C - 17°C)

## 3. SAFETY & STRATEGY: ESSENTIAL GUIDELINES

**i) Agriculture, Livestock, Fisheries, and Crop Farming**

- **Optimize tea and crop harvesting:** Utilize the clear morning hours to pluck tea, weed, and harvest crops before afternoon downpours ruin produce.
- **Protect harvested crops:** Ensure maize, beans, or tea leaves are moved to dry, covered storage by midday to prevent rotting from high humidity and rain.

- **Protect livestock from lightning:** Move cattle away from high-altitude grazing ridges, open fields, and tall trees by noon, sheltering them in structures with lightning protection.
- **Manage aquaculture ponds:** Check and reinforce fishpond dykes in low-lying areas of Nyamira to prevent flooding and fish escape during heavy afternoon downpours.

**ii. Environment and Natural Resources**

- **Control soil erosion:** Nyamira's hilly terrain is highly prone to erosion; apply mulch and establish cover crops immediately to cushion soil against heavy afternoon rainfall.
- **Monitor landslide-prone ridges:** Watch for signs of ground shifting, cracks, or sudden mudflows along steep hillsides, especially in areas with continuous rainfall like Zone 2.
- **Prune hazardous trees:** Clear weak or overhanging branches near roads and power lines during dry morning hours to prevent them from snapping during storm winds.

**iii. Public Health**

- **Prevent waterborne diseases:** Chlorinate or boil all drinking water, as heavy storm runoff can contaminate shallow wells and local springs.
- **Manage respiratory health:** Ensure vulnerable populations (children and the elderly) dress warmly, as night temperatures will drop sharply to a chilly 11°C.
- **Eliminate vector breeding sites:** Clear blocked puddles and stagnant water around households on Monday and early mornings to stop mosquitoes from breeding.

**iv Energy Sector**

- **Protect the grid from lightning:** Ensure all transformers and major sub-stations across Nyamira have functional surge protectors and lightning arrestors.
- **Position emergency response teams:** Station technical crews in high-risk zones to quickly repair power lines downed by severe afternoon winds and storms.
- **Optimize solar systems:** Maximize solar battery charging during the sunny morning intervals to compensate for the heavily overcast afternoons.

**v. Transport sector**

- **Slippery Road Alerts**: I issue travel advisories to motorists, public service vehicles, and boda-boda operators navigating unpaved rural feeder roads, which will turn muddy and slick during rains, to be more careful while using these kinds of roads.
- **Visibility Restrictions**: Motorists are instructed to reduce speeds and switch on fog lights during intense afternoon thunderstorms that severely limit field of vision.
- **Blackspot Management**: Monitor low-lying bridges and dips prone to sudden pool flooding to prevent vehicles from being swept away by unexpected torrents.

### vi. County Drainage System Management

- **Desilt urban waterways:** Clear silt, mud, and debris from drainage channels in major market centers like Nyamira Town, Keroka, and Nyansiongo during dry morning hours.
- **Unblock road culverts:** Clear key transit road culverts, especially in Zone 2, before the continuous Tuesday-to-Sunday rains cause road subversion.
- **Deploy emergency monitoring teams:** Position county enforcement officers near known low-lying flood hotspots to manage drainage overflows in real-time.

### vii. Lightning Strikes

- **Enforce lightning rod installation:** Ensure all public facilities, especially schools, churches, and health centers across Nyamira, have properly grounded lightning conductors.
- **Avoid open spaces and water:** Educate the public to immediately stop outdoor farm work, washing clothes at rivers, or fetching water as soon as clouds build up.

Issued by:
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**County Director of Meteorological Services, Nyamira & Kisii Counties**
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**henrysese@yahoo.com/henrysese88@gmail.com**

***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. |