



Kigali, 20th December 2024

Weather forecast valid between 21st and 31st December 2024

- 1. Summary:** During the third (3rd) dekad of December 2024, rainfall ranging between 10 and 110 mm is predicted across the country. The predicted rainfall is slightly above the range of Long-Term Mean (LTM) rainfall for the third dekad of December 2024. Rainy days are expected to range between 4 and 6 days depending on the location and it will be evenly distributed across the dekad. Expected temperatures will be within the range of LTM across the country. The day maximum temperature is expected to range between 16°C and 28°C while night minimum temperature is expected to range between 8°C and 16°C. Moderate to slight strong wind speed ranging between 4 and 8 m/s is expected across the country.
- 2. Rainfall forecast:** The amount of rainfall ranging between 10 and 110 mm, which is slightly above the range of LTM rainfall for the third dekad of December 2024 is expected across the country. The rainfall ranging between 85 and 110 mm is the highest expected during this dekad, and it is expected in Rusizi, Nyaruguru and Nyamagabe Districts, many parts of Gisagara, Huye, Nyamasheke, Karongi and Rutsiro Districts, small portion of western parts of Nyanza, Ruhango, Ngororero and Musanze Districts, northern parts of Rubavu and Nyabihu Districts. Rainfall ranging between 60 and 85 mm, is expected in many parts of Northern Province, Muhanga District, central parts of Gisagara, Huye, Nyanza Districts, several parts of Ruhango District, western parts of Kamonyi District, remaining parts of Nyamasheke, Karongi, Rutsiro, Ngororero, Rubavu and Nyabihu Districts and northern parts of Kigali City. Rainfall ranging between 35 and 60 mm, is expected in many parts of Bugesera, Gatsibo and Nyagatare Districts, western parts of Rwamagana District, remaining parts of Kigali City, Gisagara, Huye, Nyanza, Ruhango, Kamonyi, Rulindo and Gicumbi Districts. Remaining parts of Eastern Province are expected to receive rainfall ranging between 10 and 35 mm.
- 3. Forecast of wind speed:** Moderate to slight strong wind speed ranging between 4 and 8 m/s is expected across the country. Moderate to slight strong wind speed ranging between 6 and 8 m/s (yellow colour) is expected in Rubavu District, many parts of Kirehe, Ruhango and Nyanza Districts, southern parts of Kayonza, Muhanga, Ngororero and Kamonyi Districts, eastern parts of Karongi and Nyamagabe Districts, northern parts of Rutsiro District and western parts of Nyabihu District. Remaining parts of the country are expected to experience the wind speed ranging between 4 and 6m/s (green colour).
- 4. Temperature forecast**
 - Maximum temperature:** The maximum temperature ranging between 26°C and 28°C is the highest, which is expected in Bugesera District, many parts of Kigali City, Ngoma, Rwamagana, Kayonza, Gatsibo and Nyagatare Districts, small portion of southern and northern parts of Kirehe District, Amayaga and Bugarama Plain. Northern parts of Musanze, Nyabihu and Rubavu Districts are expected to record the lowest maximum temperature ranging between 16°C and 18°C.



- **Minimum temperature:** The lowest minimum temperature is expected to range between 8°C and 10°C in many parts of Nyabihu and Nyamagabe Districts, western parts of Musanze and Nyaruguru Districts, eastern parts of Rusizi, Nyamasheke and Rubavu Districts, small parts of northern Ngororero and southern of Karongi Districts. Small parts of eastern of the District of Kayanza, western parts of Gasabo District, northern parts of Nyarugenge, Kicukiro, Gisagara and Nyamasheke Districts, southern parts of Kamonyi District, eastern parts of Ruhango District and Bugarama Plain, are expected to record the highest minimum temperature ranging between 14°C and 16°C.

For more detailed information on spatial distribution map of rainfall, maximum temperature and wind speed please refer to the following maps below.



