



Kigali, 01<sup>st</sup> October 2024

### Weather forecast for the month of October 2024

- Summary:** During the month of October 2024, rainfall ranging between 50 and 300 mm is expected across the country. Expected rainfall will be above the range of the Long-Term Mean (LTM). The first and third dekads of October 2024 is expected to receive above LTM rainfall while the second dekad is expected to receive rainfall in the range of LTM. Expected temperature will be in the range of LTM with the maximum temperature expected to range between 20 and 32 °C and the minimum temperature expected to range between 8 and 18°C. Slightly strong to strong wind is predicted to range between 6 and 12 m/s across the country.
- Rainfall forecast:** During October 2024, the highest amount of rainfall ranging between 250 and 300 mm is expected in Districts of Rubavu, Rutsiro, Nyabihu, Musanze and parts of Rusizi, Nyamasheke, Ngororero, Gakenke and Burera. Rainfall ranging between 200 and 250mm is expected in western parts of Nyaruguru, in the remaining parts of Western Province, with exception of southern parts of Rusizi and eastern parts of Karongi, it is also expected in the remaining parts of Northern Province except southern parts of Gicumbi and Rulindo where rainfall ranging between 150 and 200 mm is expected. Less rainfall is expected to range between 50 and 100 mm eastern parts of Kayonza and localized parts of Gatsibo, Kirehe and Ngoma while many parts of Eastern and Southern Provinces are expected to range between 100 and 150 mm. The remaining parts of the country are expected to receive rainfall ranging between 150 and 200 mm. The expected rainfall is generally above the range of LTM rainfall of October which ranges between 30 and 250 mm.
- Temperature forecast**
  - Maximum temperature:** The Highest maximum temperature is expected to range between 30°C and 32°C in localized parts of Kigali City, Bugesera, Ngoma, Nyanza and Gisagara Districts, as well as Bugarama plain. The lowest maximum temperature is expected to range between 20 and 22°C is expected in many parts of Nyabihu, eastern parts of Rubavu and northern parts of Musanze and Burera Districts.
  - Minimum temperature:** Western parts of Nyamagabe and northern parts of Musanze and Nyabihu Districts are expected to experience lowest minimum temperature ranging between 8°C and 10°C while the localized parts of Kigali City, Kamonyi and Ruhango Districts are expected to experience high minimum temperature ranging between 16°C and 18°C.
- Forecast of wind speed:** Moderate to strong wind speed ranging between 6 and 12 m/s is expected across the country. Strong wind speed ranging between 10 and 12 m/s (red colour) is expected in parts of Rutsiro, Karongi and Nyamasheke Districts. Strong wind speed ranging between 8 and 10 m/s (amber color) is expected in remaining parts of Rutsiro and Karongi, in many parts of Nyagatare, Gatsibo, Kayonza and Kirehe Districts and parts of Nyamasheke, Rusizi, Nyaruguru, Nyamagabe, Huye, Nyanza, Ruhango, Ngororero, Rubavu, Nyabihu and Burera District. Moderate to Slightly strong wind speed ranging between 6 and 8 m/s (yellow color) is expected to be experienced in the remaining parts of the country.



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

