



Kigali, 31<sup>st</sup> August 2024

**Weather forecast valid between 1<sup>st</sup> and 10<sup>th</sup> September 2024**

- Summary:** During the first (1<sup>st</sup>) dekad of September 2024, rainfall ranging between 0 and 75 mm is predicted across the country, which is slightly below normal range of rainfall the dekad. The predicted rainfall marks the start of September to December rainy season in Northern parts of the country and in some western parts of the country. Rainy days are expected to range between 1 and 4 days according to some areas, and rains are expected from 6<sup>th</sup> up to towards the end of the dekad. Day maximum temperature is expected to range between 20°C and 32°C which is slightly above normal range, while night minimum temperature is expected to range between 8°C and 16°C which is in normal range. An increase of wind speed is also expected in many parts of the country.
- Rainfall forecast:** The amount of rainfall ranging between 0 and 75 mm is expected across the country which is slightly below normal range. Northern parts of Musanze and Burera are expected to record high amount of rains compared to other parts, which will range between 60 and 75 mm. Rubavu District, Northern parts of Gicumbi, Nyabihu and Rutsiro Districts including the remaining parts of Musanze and Burera Districts, are expected to record rainfall ranging between 45 and 60 mm. Less rainfall is expected to range between 0 and 15 mm in many parts of Southern Province, southern parts of Kigali and Eastern Province. Rainy days are expected to range between 1 and 4 days and are expected from 6<sup>th</sup> up to towards the end of the dekad. The main trigger of expected rainfall is the movement of Inter-Tropical Convergence Zone (ITCZ) towards Southern Hemisphere.
- Forecast of wind speed:** Moderate to strong wind speed ranging between 4 and 10 m/s is expected across the country which is increased wind speed compare to previous dekads. Strong wind speed ranging between 8 and 10 m/s (amber colour) is expected in many parts of Western Province, parts of Musanze, Burera, Nyaruguru, Nyamagabe, Gatsibo, Kayonza, Kirehe and Ngoma Districts. The remaining parts of the country are expected to experience slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) with exception of Kigali City which is expected to experience moderate wind speed ranging between 4 and 6 m/s (green colour).
- Temperature forecast**
  - Maximum temperature:** During the first dekad of September 2024, parts of Bugesera, Ngoma, Nyarugenge, Kicukiro, Nyagatare, Nyanza, Gisagara and Bugarama valley are expected to record the highest maximum temperature ranging between 30°C and 32°C. Eastern parts of Rubavu, many parts of Nyabihu, Musanze, Burera and Western parts of Nyaruguru and Nyamagabe Districts are expected to experience lower maximum temperatures ranging between 20°C and 24°C.
  - Minimum temperature:** The lowest (coldest) minimum temperature ranging between 8°C and 10°C is expected in northern parts of Nyabihu and Musanze Districts, western parts of Nyamagabe and Nyaruguru Districts. Many parts of Nyagatare, Gatsibo, Kayonza and Kigali City, eastern parts of Kirehe and Kamonyi, and northern parts Bugesera Districts are expected to experience high 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.

