



Kigali, 20<sup>th</sup> May 2022

**Weather Forecast valid from 21<sup>st</sup> to 31<sup>st</sup> May 2022**

- 1. Rainfall forecast:** During the third (3<sup>rd</sup>) dekad of May 2022, rainfall ranging between 0 and 60 mm is expected across the country. The expected rainfall will be less in most parts of the country. Cumulative rainfall ranging between 45 and 60 mm is the highest in the dekad and is expected over most parts of Nyamasheke, Rubavu, Rutsiro, Nyabihu, Musanze, Burera and northern parts of Gakenke and Ngororero districts, western parts of Nyamagabe and Nyaruguru and eastern parts of Rusizi districts. The remaining parts of Northern and Western, Nyaruguru and Nyamagabe districts are expected to receive rainfall ranging between 30 and 45mm. Rainfall ranging between 0 and 15 mm is the lowest amount expected during the forecasting period and is expected over many parts of Kirehe, Kayonza eastern parts of Gatsibo and southern part of Bugesera districts. Other remaining parts of Eastern and Southern Provinces including Kigali city are expected to receive rainfall ranging between 15 and 30 mm.

The third dekad of May 2022 marked the cessation of seasonal rainfall in most parts of the country except in Western and Northern provinces whereby the cessation is expected from 1<sup>st</sup> to 10<sup>th</sup> June 2022.

The expected rainfall will be in the range of Long-Term Mean (LTM) over most parts of the country (The range of LTM varies between 5 and 50mm). Rainy days are expected to vary between two (2) and five (5) days during the dekad starting from 23<sup>rd</sup> in Northern and Western Provinces and 25<sup>th</sup> in remaining parts. The predicted rainfall will be associated with thunderstorms weather pattern which will result from the position of Inter-Tropical Convergence Zone (ITCZ) and the influence by the local factors.

- 2. Forecast of winds speed:** Strong winds ranging between 6 and 8 m/s is expected over North eastern parts of the country in some parts Gicumbi, Nyagatare and Gatsibo, and many parts of Western Province in the districts of Rusizi, Nyamasheke, Karongi, Rutsiro, Rubavu and western parts of Nyabihu, and Nyamagabe. Moderate wind ranging between 4 and 6 m/s is expected over the remaining parts of the country.
- 3. Temperature forecast:** During the third dekad of May 2022, the temperature is expected to range between 17°C and 29°C. Isolated parts of Kigali City, Bugarama plain, Amayaga region, Bugesera and Ngoma Districts are expected to experience higher temperature during the dekad ranging between 26°C and 29°C while remaining parts of Kigali, Eastern Province, Rusizi, Nyamasheke and Karongi Districts along Lake Kivu and Southern Province will experience temperature ranging between 23°C and 26°C except western parts of Nyamagabe and Nyaruguru Districts where temperature ranging between 20 and 23 is expected. Northern parts of Northern Province along Volcano National Park, western parts of Nyabihu and eastern parts of Rubavu Districts are expected to experience lower temperature during the dekad ranging between 17°C and 20°C. The expected temperature will be in the range of Long Term Mean of May dekad 3 in many parts of the country.

For more spatial details of rainfall distribution, maximum temperature and wind speed, please do refer to the following maps below.

