



*Kigali, 30<sup>th</sup> September 2022*

**Weather Forecast valid from 1<sup>st</sup> to 10<sup>th</sup> October 2022**

- 1. Rainfall forecast:** During the first (1<sup>st</sup>) dekad of October 2022, rainfall ranging between 0 and 80 mm is expected across the country. Cumulative rainfall ranging between 60 and 80 mm is the highest expected during the dekad over many parts of Western Province, parts of Musanze, Rulindo and Burera Districts in Northern Province and western parts of Nyamagabe and Nyaruguru in Southern Province. Cumulative rainfall ranging between 0 and 20 mm is the lowest amount expected during the forecasting period and is expected over parts of Kayonza, Kirehe and Rwamagana Districts.

The expected rainfall will be in the range of Long-Term Mean (LTM) in many parts of the country (The range of LTM varies between 10 and 70 mm). The expected rainfall will be highly scatted and rainy days will be highly variable in different parts of the country. Rainy days are expected to vary between one (1) and five (5) days, with many days experienced in Western and Northern Parts and few days in Southern and Eastern parts. The probable rainy days are 2<sup>nd</sup> and from 6<sup>th</sup> towards the end of the dekad. The predicted rains will result from the influence of mesoscale systems moderated by local features.

- 2. Forecast of winds speed:** Moderate to slightly strong wind speed ranging between 4 and 8 m/s is expected across the country. Moderate wind speed ranging between 4 and 6 m/s (green colour) is expected over few localized parts of Kayonza, Gatsibo, Nyagatare, Ngoma, Gicumbi, Burera, Gakenke, Gasabo, Nyabihu, Ngororero, Kamonyi, Muhanga, Gisagara, Rusizi, Nyamasheke, Rubavu, Rutsiro and Karongi Districts. Moderate to slightly strong wind speed ranging between 4 and 6 m/s (yellow colour) is expected in remaining parts.
- 3. Temperature forecast:** During the first dekad of October 2022, the average maximum temperature is expected to range between 18°C and 12°C. Many parts of Eastern Province, Kigali City, Amayaga region, and Bugarama plain are expected to experience higher maximum temperature during the dekad ranging between 29°C and 32°C. Northern parts of Nyabihu, Rubavu, Musanze along Volcano National Park and Gishwati National Forest are expected to experience lower maximum temperature during the dekad ranging between 18°C and 21°C. The expected average maximum temperature is in the range of LTM across the country.

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

