



*Kigali, 20<sup>th</sup> November 2022*

**Weather Forecast valid from 21<sup>st</sup> to 30<sup>th</sup> November 2022**

- 1. Rainfall forecast:** During the third (3<sup>rd</sup>) dekad of November 2022, rainfall ranging between 30 and 150 mm is expected across the country. A reduction of rainfall will be expected in comparison with the previous dekad of November although the country will continue to experience rains. High amount of rainfall is expected to range between 130 and 150 mm and is expected over many parts of Rubavu, Rutsiro and Nyamasheke Districts, over eastern parts of Rusizi Districts, western parts of Nyamagabe, Nyabihu, and northern parts of Musanze Districts. Rainfall ranging between 30 and 50 mm is the lowest expected over many parts of Kirehe District, eastern parts of Nyagatare, Gatsibo, Kayonza, Nyanza, Gisagara and southern parts of Bugesera Districts.

A decrease of rainfall compared to the previous records of the dekads is expected during the forecasting period but significant in the Eastern Province. The expected rainfall amount will be above the range of Long-Term Mean (LTM) in Western, Northern and south western parts of the country while remaining parts are expected to record near normal rainfall, (The range of LTM varies between 30 and 90 mm). Rainy days are expected to vary between four days (4) and eight days (8) days. Dry days are expected between 23<sup>rd</sup> and 26<sup>th</sup> in eastern and southeastern parts of the country. The predicted rains will result from active Intertropical Convergence Zone (ITCZ) overhead the region where Rwanda is located.

- 2. Forecast of wind 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 central, south west and south eastern parts of the country. Slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is expected over the remaining the parts of the country.
- 3. Temperature forecast:** During the first dekad of November 2022, the average maximum temperature is expected to range between 18°C and 28°C. Some parts of Kigali City, Amayaga region, Bugarama plain, Bugesera and Ngoma Districts are expected to experience higher temperature ranging between 26°C and 28°C. Parts of Ngororero, Rutsiro, Rubavu, Nyabihu, Musanze, Burera, Gicumbi and Nyungwe National Park are expected to receive lower temperatures ranging between 18°C and 20°C. The expected temperature will be below in the range of Long Term Mean maximum temperature.
- 4. Impacts:** According to accumulated rains in the past two dekads of November 2022, there is an increase of soil water content and river water levels. Given the fact that rains are expected to continue in many parts of the country, impacts related accumulation rains such as soil erosion, flooding of rivers and catchments and landslides are expected to prevail in different parts of the country. Poor visibility and slippery roads which may cause incidences of accidents and widespread traffic/travel disruption are expected.

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

