



Kigali, 20<sup>th</sup> January 2023

**Weather forecast valid from 21<sup>st</sup> to 31<sup>st</sup> January 2023**

1. **Rainfall forecast:** During the third (3<sup>rd</sup>) dekad of January 2023, rainfall ranging between 0 and 60 mm is expected across the country. Higher amount of rainfall is expected to range between 45 and 60 mm and is expected over southern parts of Rusizi District and south western parts of Nyaruguru District. The remaining parts of Western Province except eastern parts of Karongi, Ngororero and Nyabihu Districts, western parts of Nyamagabe and Musanze and central parts of Nyaruguru Districts are expected to record rainfall ranging between 30 and 45 mm. The rainfall ranging between 0 and 15 mm is the lowest amount of rainfall expected over Gisagara, Nyagatare, Gatsibo and Kayonza Districts, northern parts Kirehe and Ngoma Districts, southern parts of Gicumbi District and eastern parts of Rwamagana, Nyanza and Ruhango Districts.

The expected rainfall amount will be in the range of Long-Term Mean (LTM) across the country except some parts of Eastern Province and Amayaga region where it is expected to be slightly below the range of LTM (The range of LTM varies between 0 and 60 mm). Rainy days are expected to vary between one day (1) in Eastern Province and Amayaga region and four days (4) in south western part of the country. Rain dates will be between 23<sup>rd</sup> and 26<sup>th</sup> in many parts of the country. The predicted rainfall will result from position of Intertropical Convergence Zone (ITCZ) drifting to the Southern Hemisphere and supported by local features.

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 many parts of Rusizi, Nyamasheke, Karongi, Rutsiro, Gisagara and few parts of Huye, Nyanza and Kayonza Districts. Slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is expected in the remaining parts of the country.

3. **Temperature forecast:** During the third (3<sup>rd</sup>) dekad of January 2023, the average maximum temperature is expected to range between 18°C and 30°C. Few parts of Kigali City, Bugesera and Ngoma Districts, Amayaga region and Bugarama plain (amber colour) are expected to experience higher temperature ranging between 28°C and 30°C. The parts of Rubavu, Nyabihu, Musanze, Burera, Nyamagabe, Nyamasheke and Karongi Districts (Blue colour) are expected to receive lower temperatures ranging between 18°C and 20°C. The expected temperature will be in the range of Long Term Mean maximum temperature.

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



### Rainfall expected between 21 and 31 January 2023

