



Kigali, 31<sup>st</sup> September 2023

**Weather forecast valid between 1<sup>st</sup> and 10<sup>th</sup> September 2023**

- Rainfall forecast:** During the third (1<sup>st</sup>) dekad of September 2023, rainfall ranging between 0 and 50 mm is expected across the country. The expected rainfall amount will be slight below the range of Long-Term Mean (LTM) in most parts of the country (The range of LTM varies between 0 and 70 mm). The rainy days are expected to vary depending on location from zero to one (1) day in many parts of the country and one (1) to four (4) days in northwestern parts of the country. Likelihood of rainy days will be on 7<sup>th</sup>, 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup> varying according to region. The main factors influencing rainfall are the local factors such as topography, forest and lakes.

**Spatial distribution of rainfall:** Rainfall ranging between 40 and 50 mm is expected over most parts of Rubavu, northern parts of Musanze, Burera, Nyabihu Districts and in western parts of Rutsiro District. Rainfall ranging between 30 and 40 mm is expected in many parts of Nyamasheke, Karongi, Rutsiro, Ngororero, Nyabihu, Rusizi and Musanze Districts, in remaining parts of Burera, a small part of northern Gicumbi and Nyagatare Districts and in western parts of Nyamagabe District. Rainfall ranging between 20-30 mm is expected over most parts of Gakenke, Muhanga, Rulindo and Gicumbi District, eastern parts of Karongi, Ngororero and Nyabihu District, western parts of Rusizi, Nyamagabe and a small part of western Nyaruguru, north western parts of Nyagatare Districts. The rainfall below 10 mm is the lowest amount expected over many parts of Southern and Eastern Provinces. The remaining bigger part of the country is expected to record rainfall ranging between 10 and 20 mm as per the map below.

- Forecast of wind speed:** Moderate to strong wind speed ranging between 4 m/s and 10 m/s is expected across the country. Very strong wind speed more than 10 m/s (red colour) is expected over north eastern parts of Rubavu, western parts of Karongi, south western parts of Rutsiro and north eastern parts of Nyamasheke Districts. Strong wind ranging between 8 and 10 m/s (umber colour) is expected in many parts of Rubavu, Rutsiro, Nyamasheke, Karongi, eastern parts of Nyabihu, a small part of northern Musanze and Burera, a small part of eastern Kayonza and southern parts of Kirehe Districts. Slightly strong wind speed ranging between 6 m/s and 8 m/s (yellow colour) is expected over the remaining parts of the country except in Kigali city, Bugesera, Amayaga region, Rwamagana, southern parts of Musanze, Rulindo Gicumbi and Gatsibo Districts, eastern parts of Gakenke, Kayonza and Ngoma, western parts of Nyabihu, Ngororero and northern parts of Muhanga where moderate wind speed ranging between 4 m/s and 6 m/s (green colour) is expected
- Temperature forecast:** During the first (1<sup>st</sup>) dekad of September 2023, the average maximum temperature is expected to range between 20°C and 32°C which is above the mean maximum temperature of the first dekad of September. Kigali city, Bugesera, parts of Amayaga Region, many parts of Ngoma, Rusizi, Nyagatare north eastern parts of Gatsibo Districts and Bugarama plain are expected to experience higher maximum temperature ranging between 30°C and 32°C. Lower mean maximum temperatures ranging between 20°C and 22°C are expected over western and northern parts of Nyabihu and Musanze Districts and a small part of eastern of Rubavu District.



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

