



Kigali, 20<sup>th</sup> May 2024

**Weather forecast valid between 21<sup>st</sup> and 31<sup>st</sup> May 2024**

1. **Rainfall forecast:** During the third (3<sup>rd</sup>) dekad of May 2024, a reduction of rainfall is expected across the country. The amount of rainfall ranging between 0 and 70 mm is expected across the country. The expected rainfall amount is in the range of Long-Term Mean (LTM) except some northwestern parts of the country that are expected to receive slightly above LTM rainfall (The range of LTM varies between 10 and 70 mm). Rainy days are expected to vary between one (1) and three (3) days according to the area, and the rains are expected on 21<sup>st</sup>, 27<sup>th</sup> and 28<sup>th</sup>. The main factors influencing rainfall in this dekad are the tropical storm in Indian Ocean and local factors.

**Spatial distribution of rainfall:** Rainfall ranging between 60 and 70 mm is the highest expected over many parts of Rutsiro, Ngororero, Rubavu, Nyabihu, Musanze and Burera Districts. Rainfall ranging between 50 and 60 mm is expected in remaining parts of Rutsiro, Ngororero and Nyabihu, central parts of Burera and Musanze Districts, many parts of Karongi, Nyamasheke and Rusizi, western parts of Nyamagabe and Nyaruguru Districts and north western parts of Gakenke District. The rainfall ranging between 0 and 10 mm is the lowest amount expected over many parts of Bugesera, Ngoma and Kirehe District, and eastern parts of Kayonza, Gatsibo and Nyagatare Districts. Kigali city, Amayaga area, southern parts of Rulindo and Gicumbi Districts and the rest of Eastern Province are expected to record rainfall ranging between 10 and 20 mm. The remaining parts of the country are expected to experience rainfall ranging between 20 and 50 mm.

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 in many parts of the country except in parts of Nyagatare, Gatsibo, Gicumbi, Nyamasheke and Rusizi Districts where slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is predicted.
3. **Temperature forecast:** During the 3<sup>rd</sup> dekad of May 2024, the average maximum temperature is expected to range between 18°C and 28°C which is in the range of LTM maximum temperature of 3<sup>rd</sup> dekad of May. Bugesera District, Southern parts of Rusizi, eastern parts of Huye, Gisagara, Nyanza, Ruhango, Kamonyi, Nyagatare, Gatsibo and Kayonza Districts, western parts of Ngoma and Rwamagana and many parts of Kigali city are expected to experience higher maximum temperature ranging between 26°C and 28°C. Many parts of Nyabihu District, eastern parts of Rubavu, northern parts of Musanze and Burera Districts are expected to experience lower maximum temperatures ranging between 18°C and 20°C.



For more detailed information on spatial distribution map of rainfall, maximum temperature and wind

