



Kigali, 20th May 2023

Weather forecast valid from 21st to 31st May 2023

1. **Rainfall forecast:** During the third (3rd) dekad of May 2023, rainfall ranging between 0 and 45 mm is expected across the country. Decreased rainfall amount and less rainy days compared to previous dekad (1st and 2nd dekad of May) are expected to continue across many parts of the country. The expected rainfall amount will be below the range of Long-Term Mean (LTM) across the country (The range of LTM varies between 10 and 50 mm). Rainy days are expected to vary between One (1) and three (3) days. Likelihood of rain will be on 24th across the country, 27th and 28th in some parts of Northern and Western Provinces. The main factor influencing the rain is the Inter-Tropical Convergence Zone (ITCZ) drifting towards the Northern hemisphere.

Spatial distribution of rainfall: Rainfall ranging between 30 and 45 mm is expected in parts of Rusizi, Nyamasheke, Rutsiro, Rubavu, Nyabihu, Musanze and Burera Districts. The rainfall below 05 mm is the lowest amount expected over many parts of Eastern Province, most parts of Kigali City and localized areas of Southern Province (Amayaga). The remaining parts of the country are expected to record rainfall ranging between 5 and 30 mm as per the map below.

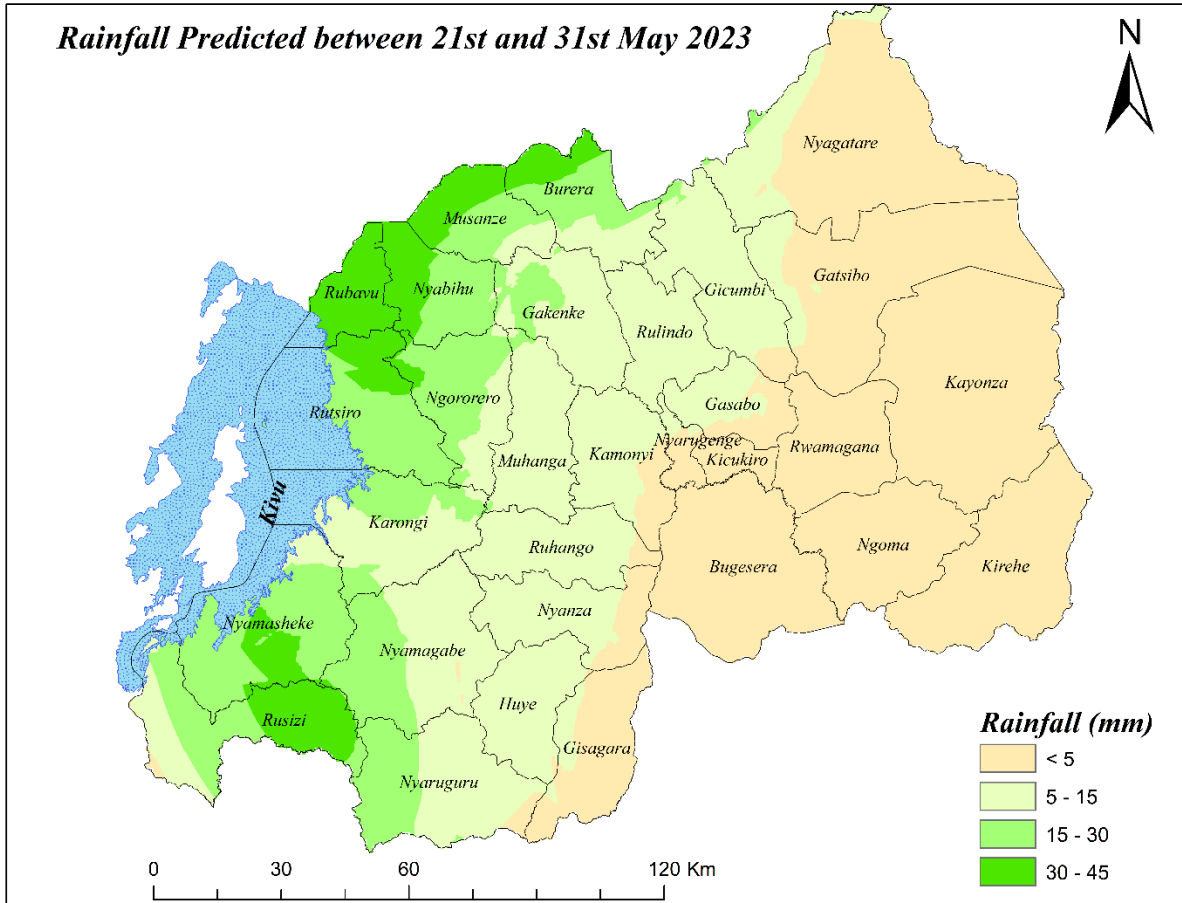
The expected decrease of rainfall in Eastern Province, Kigali city, Southern Province and some parts of Northern Province will mark the beginning of rainfall cessation for March to May season 2023.

2. **Forecast of wind speed:** Moderate to strong wind speed ranging between 4 and 10 m/s is expected across the country. Strong wind speed ranging between 8 and 10 m/s (Amber colour) is expected over parts of Karongi and Rutsiro Districts. Slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is expected over remaining parts of Karongi and Rutsiro Districts, over many parts of Rusizi, Nyamasheke, Rubavu, Nyamagabe, Nyaruguru and Nyagatare Districts, over western parts of Ngororero and Nyabihu Districts, over northern parts of Musanze, Burera and Gatsibo Districts and over eastern parts of Gicumbi District. The rest parts of the country are expected to experience moderate wind speed ranging between 4 and 6 m/s (green colour).
3. **Temperature forecast:** During the third (3rd) dekad of May 2023, the average maximum temperature is expected to range between 18°C and 30°C which is normal maximum temperature during third (3rd) dekad of May 2023. Parts of Nyarugenge, Kicukiro, Bugesera, Nyagatare and Rusizi Districts are expected to experience higher maximum temperature ranging between 28°C and 30°C. Parts of Eastern Rubavu and Rutsiro Districts, western Ngororero, Nyabihu, northern Burera, Gicumbi and Musanze Districts, localized areas of Nyamagabe near Nyungwe National Park are expected to experience lower maximum temperatures ranging between 18°C and 20°C.

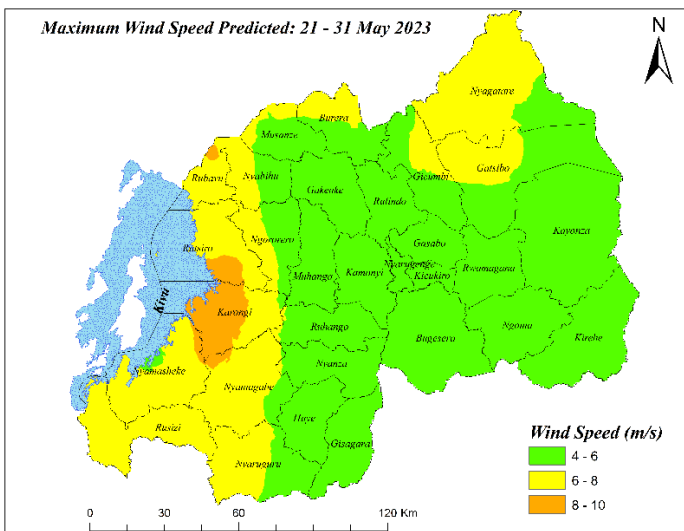
For more detailed information on spatial distribution map of rainfall, maximum temperature and wind speed, please refer to the following maps below.



Rainfall Predicted between 21st and 31st May 2023



Maximum Wind Speed Predicted: 21 - 31 May 2023



Maximum Temperature Predicted: 21 - 31 May 2023

