



Kigali, 29th February 2023

Weather forecast valid between 1st and 10th March 2024

1. **Rainfall forecast:** During the first (1st) dekad of March 2024, the amount of rainfall ranging between 20 and 100 mm is expected across the country. The expected rainfall amount will be slightly above the range of Long-Term Mean (LTM) across many parts of the country. (The range of LTM varies between 20 and 70 mm). Rainy days are expected to vary between three (3) and seven (7) days evenly distributed across the dekad. The main factors influencing the rainfall in this dekad are the Sea Surface Temperature in Indian and Pacific Oceans and local factors.

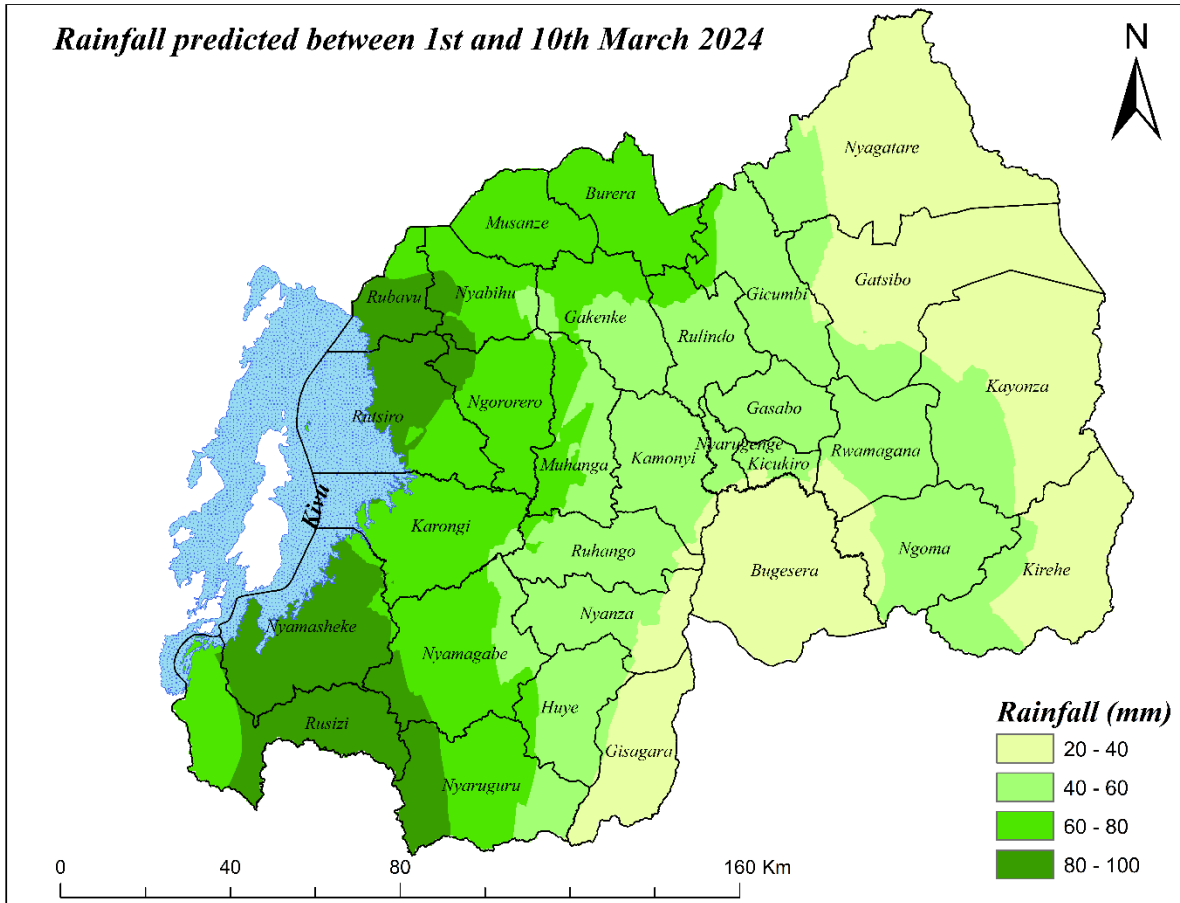
Spatial distribution of rainfall: Rainfall ranging between 80 and 100 mm is the highest expected over Nyamasheke, eastern parts of Rusizi, western parts of Nyamagabe and Nyaruguru Districts located in Nyungwe National Park, southern parts of Rubavu and northern parts of Rutsiro. Rainfall ranging between 60 and 80 mm is expected in Musanze and Burera Districts, remaining parts Western Province, central parts of Nyamagabe and Nyaruguru, northern parts of Gakenke and western parts of Muhanga District. The rainfall ranging between 20 and 40 mm is the lowest amount expected over many parts of Nyagatare, Kayonza, Gatsibo, Kirehe, Bugesera and Gisagara Districts, western parts of Rwamagana and Ngoma and eastern parts of Nyanza and Ruhango Districts. Kigali City and the remaining parts of Northern, Eastern and Southern Provinces are expected to experience rainfall ranging between 40 and 60 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 to slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is expected in Southern Province except in northern parts of Muhanga and western parts of Nyamagabe, western Province except in Ngororero District and eastern Nyabihu, Nyamasheke and Rusizi Districts and in many parts of Gicumbi, Nyagatare and Gatsibo Districts. Moderate wind speed ranging between 4 and 6 m/s (green colour) is predicted in the remaining parts of the country.
3. **Temperature forecast:** During the first (1st) dekad of March 2024, the average maximum temperature is expected to range between 20°C and 30°C which is ranging slightly above the range of LTM maximum temperature of first (1st) dekad of March. Many parts of Kigali City, Bugesera District, Amayaga, Bugarama valley and localized parts of Nyagatare Districts are expected to experience higher maximum temperature ranging between 28°C and 30°C. Many parts Nyabihu, northern parts Rubavu, Musanze and Burera Districts and Western parts of Nyamagabe are expected to experience lower maximum temperatures ranging between 20°C and 22°C.

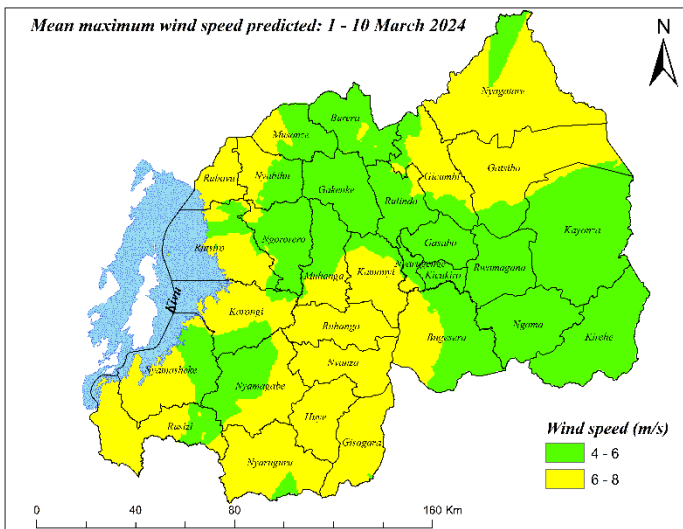
For more detailed information on spatial distribution map of rainfall, maximum temperature and wind speed, please refer to the following maps below.



Rainfall predicted between 1st and 10th March 2024



Mean maximum wind speed predicted: 1 - 10 March 2024



Mean maximum temperature speed predicted: 1 - 10 March 2024

