



Kigali, 31st March 2024

Weather forecast valid between 1st and 10th April 2024

1. **Rainfall forecast:** During the first (1st) dekad of April 2024, wetter conditions are expected compared to the last dekad of March 2024. The amount of rainfall ranging between 40 and 150 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 30 and 100 mm). Rainy days are expected to vary between three (3) and seven (7) days evenly distributed across the dekad. The main factors influencing rainfall in this dekad are the Sea Surface Temperature in Indian Ocean and local factors.

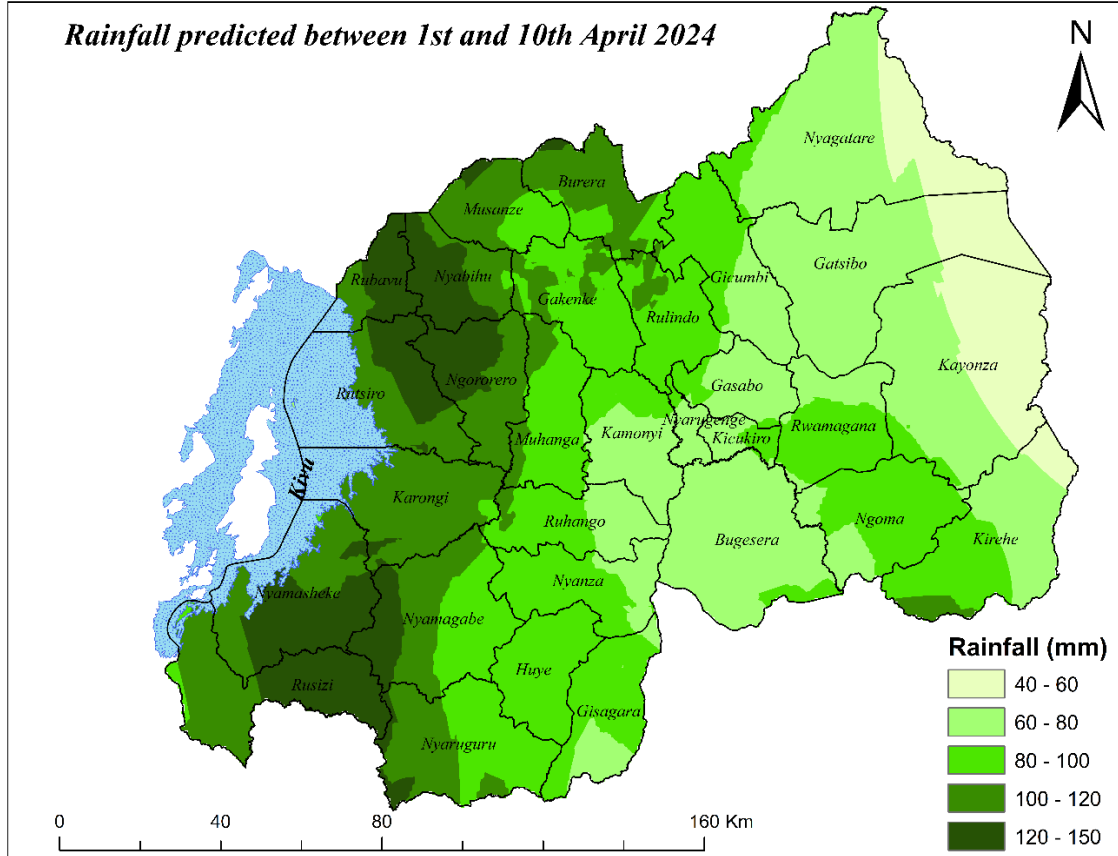
Spatial distribution of rainfall: Rainfall ranging between 120 and 150 mm is the highest expected over eastern parts of Rubavu, Rutsiro, Rusizi and Nyamasheke Districts, western parts of Nyabihu, Ngororero and Nyamagabe Districts. Rainfall ranging between 100 and 120 mm is expected in remaining parts of Western Province, central parts of Nyamagabe, western parts of Nyaruguru, many parts of Musanze and Burera and localized parts of Gakenke and Rulindo Districts. The rainfall ranging between 40 and 60 mm is the lowest amount expected over eastern parts of Nyagatare, Kayonza, Gatsibo and northern parts of Kirehe District. Kigali City and the remaining parts of Northern, Eastern and Southern Provinces are expected to experience rainfall ranging between 60 and 100 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, Musanze, Nyabihu, Rutsiro, Karongi, Nyamagabe and Rusizi Districts where moderate to slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is predicted.
3. **Temperature forecast:** During the first (1st) dekad of April 2024, a reduction of mean maximum temperature compared to previous dekads of March 2024 is expected. The average maximum temperature is expected to range between 18°C and 28°C which is in the range of LTM maximum temperature of first (1st) dekad of April. Localized parts of Kigali City, southern parts of Bugesera, northern parts of Gisagara, western parts of Ngoma District, Bugarama valley and eastern parts of Nyagatare Districts 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 and Western parts of Nyaruguru and Nyamagabe Districts are expected to experience lower maximum temperatures ranging between 18°C and 20°C.

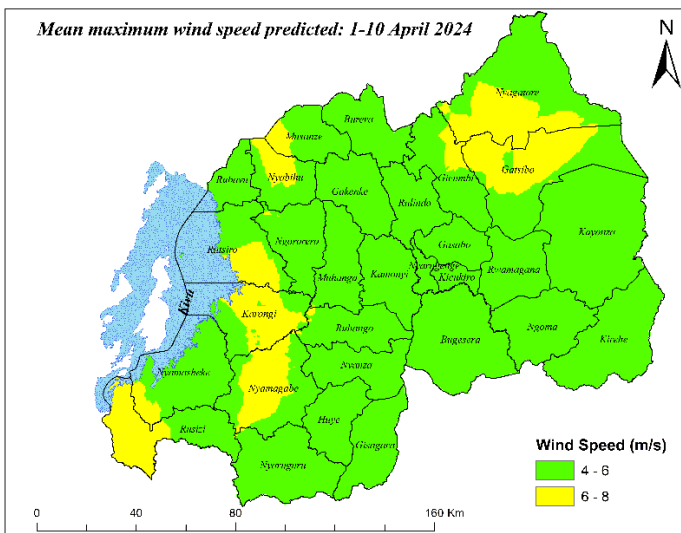
For more detailed information on spatial distribution map of rainfall, maximum temperature and wind speed, please refer to the following maps below.



Rainfall predicted between 1st and 10th April 2024



Mean maximum wind speed predicted: 1-10 April 2024



Mean maximum temperature predicted: 1-10 April 2024

