



Kigali, 20th April 2023

Weather forecast valid from 21st to 30th April 2023

1. **Rainfall forecast:** During the third (3rd) dekad of April 2023, rainfall ranging between 30 and 150 mm is expected across the country. Higher amount of rainfall is expected to range between 120 and 150 mm over most parts of Western Province, Musanze District and western parts of Burera, Gakenke, Nyaruguru and Nyamagabe Districts. Reduced rainfall ranging between 30 and 60 mm is the lowest expected over eastern parts of Nyagatare and Gatsibo Districts. Rainfall ranging between 60 and 90 mm is expected over Amayaga Region in Southern Province and most parts of Eastern Province with except of Rwamagana District and some parts of western Kayonza District while the remaining parts of the country are expected to receive rainfall ranging between 90 and 120 mm.

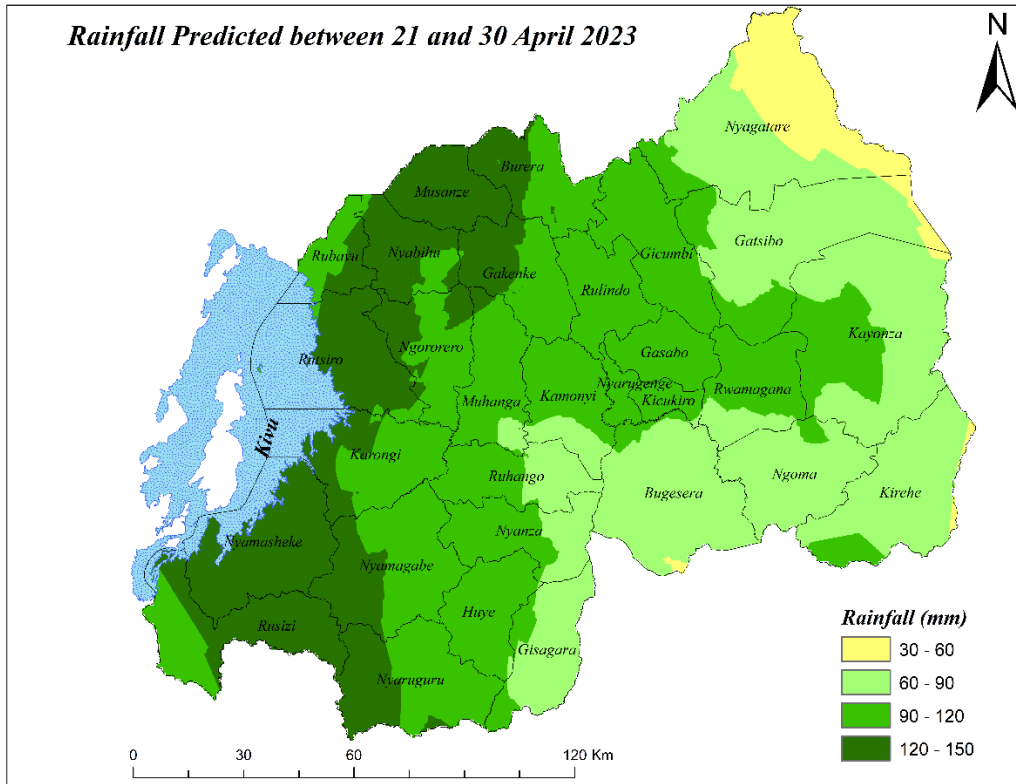
The rainfall amount expected during the third (3rd) dekad will be slightly above the range of Long-Term Mean rainfall (LTM) across the country. Rainy days are expected to vary between three (3) and seven (7) days with more days expected in Western parts of the country. Enhanced rainfall is expected from 22nd up to the end of the dekad 3. The predicted rainfall will result from the position of Intertropical Convergence Zone (ITCZ) overhead where the country is located and westerlies wind supported by local features.

2. **Forecast of wind speed:** Moderate to slightly strong wind speed ranging between 4 and 8 m/s is expected across the country. Slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is expected over many parts of Nyagatare, Karongi and Rusizi Districts and in isolated parts of Gatsibo, Gicumbi, Rutsiro, Nyamagabe and Nyamasheke Districts. Moderate wind speed ranging between 4 and 6 m/s (green colour) is expected in remaining wider areas of the country.
3. **Maximum Temperature forecast:** During the third (3rd) dekad of April 2023, the average maximum temperature is expected to range between 18°C and 28°C. The highest maximum temperature is expected in parts of Kigali City, Amayaga region, Bugarama plain Bugesera and Ngoma Districts ranging between 26°C and 28°C. Most parts of Musanze, Nyabihu, Ngororero, Nyamagabe and Nyaruguru Districts and localized parts of Burera and Rubavu are expected to receive lower temperatures ranging between 18°C and 20°C. The expected temperature will be in the range of Long Term Mean maximum temperature.
4. **Minimum Temperature forecast:** During the third (3rd) dekad of April 2023, the average minimum temperature is expected to range between 8°C and 16°C. Northern, Western and Southern Provinces are expected to be cooler compared to the remaining parts of the country. The lowest minimum temperature ranging between 8°C and 10°C is expected in Musanze District.

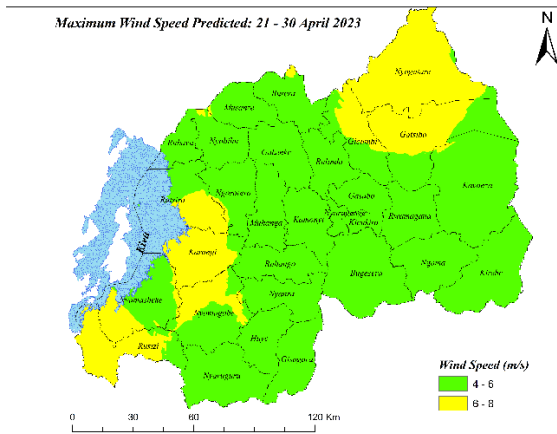
For more detailed information on spatial distribution of rainfall, maximum temperature and wind speed, please refer to the following maps below.



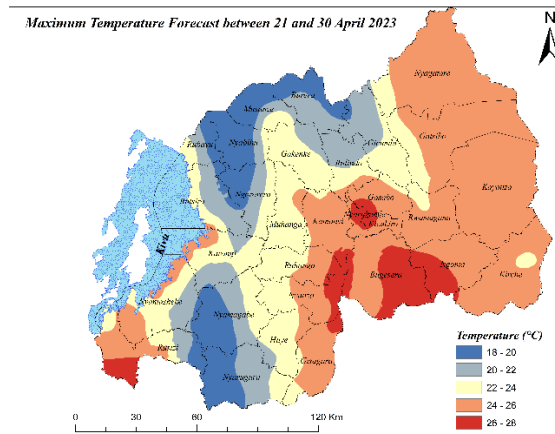
Rainfall Predicted between 21 and 30 April 2023



Maximum Wind Speed Predicted: 21 - 30 April 2023



Maximum Temperature Forecast between 21 and 30 April 2023



Minimum Temperature Forecast between 21 and 30 April 2023

