



Kigali, 20<sup>th</sup> February 2023

**Weather forecast valid from 21<sup>st</sup> to 28<sup>th</sup> February 2023**

1. **Rainfall forecast:** During the third (3<sup>rd</sup>) dekad of February 2023, rainfall ranging between 20 and 100 mm is expected across the country. The expected rainfall will be increased compare to rainfall observed in previous dekad and will be above the range of Long-Term Mean rainfall (LTM) across the country (The range of LTM varies between 10 and 50 mm). Rainy days are expected also to increase across the country and vary between three (3) and Six (6) days across the country. Rainy days are expected from 22<sup>nd</sup> towards the end of the month. The predicted rainfall will result from the movement of Intertropical Convergence Zone (ITCZ) towards North, supported by local features.

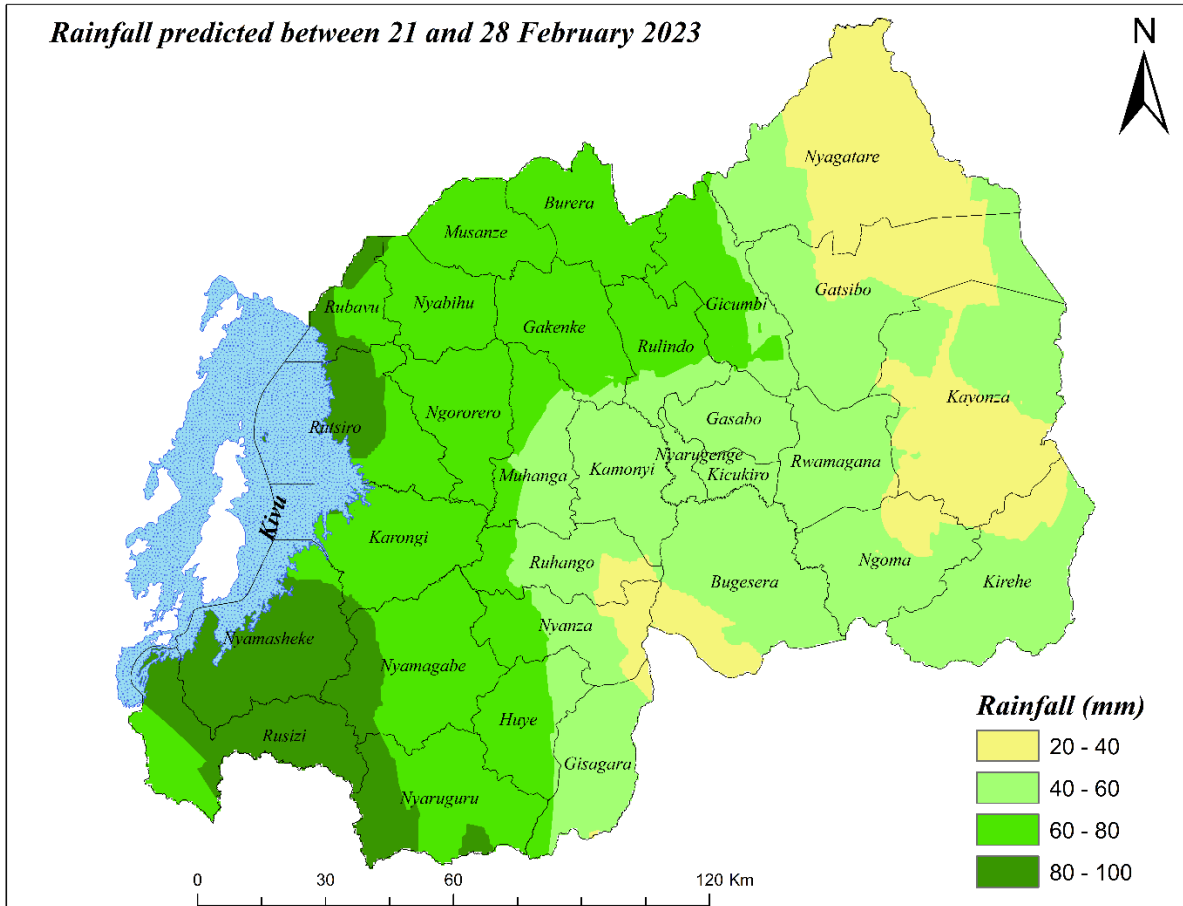
In this dekad, higher amount of rainfall is expected to range between 80 and 100 mm over many parts of Rusizi and Nyamasheke Districts, western parts of Nyaruguru, Nyamagabe, Rubavu and Rutsiro Districts. The remaining parts of Western Province, Nyaruguru, and Nyamagabe Districts, western parts of Huye, Nyanza, Ruhango and Muhanga Districts and Northern Province except few parts located in southern parts of Northern Province are expected to record rainfall ranging between 60 and 80 mm. The rainfall ranging between 20 and 40 mm is the lowest amount of rainfall expected over parts of Nyagatare, Gatsibo, Kayonza, Amayaga and few part of Ngoma Districts. The remaining parts are expected to record 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. Slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is expected over many parts of the country except parts of Gakenke, Rulindo, Kamonyi, Muhanga, Karongi, Rutsiro and Rubavu Districts where moderate wind speed ranging between 4 and 6 m/s (green colour) is expected.
3. **Temperature forecast:** During the third (3<sup>rd</sup>) dekad of February 2023, the average maximum temperature is expected to range between 20°C and 30°C. A slight decrease of temperature is expected compare to previous dekad. Parts of Kigali City, Amayaga region, Bugarama plain, Bugesera, Ngoma, Nyagatare and Gatsibo Districts are expected to experience higher temperature ranging between 28°C and 30°C. Northern parts of Nyabihu and Musanze Districts, central parts of Rutsiro and parts on Nyamagabe and Karongi located in Nyungwe National Park are expected to receive lower temperatures ranging between 20°C and 22°C. The expected temperature will be in the range of Long Term Mean maximum temperature.

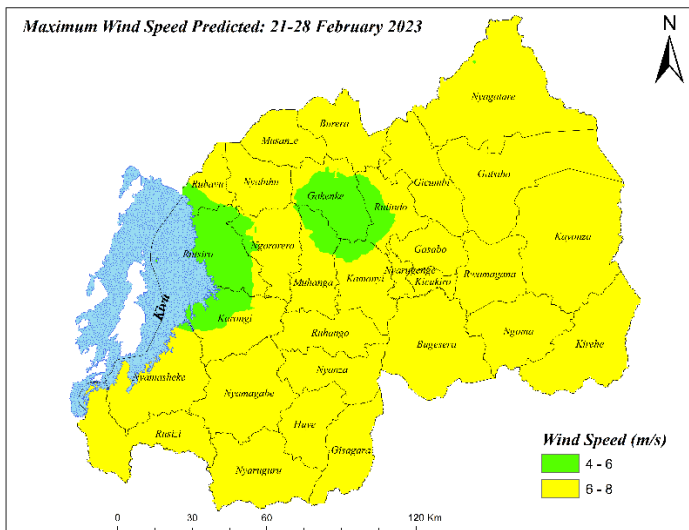
For more detailed information on spatial distribution of rainfall, maximum temperature and wind speed, please refer to the following maps below.



### Rainfall predicted between 21 and 28 February 2023



### Maximum Wind Speed Predicted: 21-28 February 2023



### Maximum Temperature predicted: 21 - 28 February 2023

