



Kigali, 10th February 2023

Weather forecast valid from 11th to 20th February 2023

1. **Rainfall forecast:** During the second (2nd) dekad of February 2023, rainfall ranging between 0 and 60 mm is expected across the country. Higher amount of rainfall is expected to range between 40 and 60 mm and over eastern parts of Rusizi and Nyamasheke Districts, western parts of Nyaruguru, Nyamagabe, and localized areas of Karongi and Rutsiro Districts. The remaining parts of Western Province except Nyabihu, eastern part of Ngororero Districts, central parts of Nyaruguru, and Nyamagabe Districts, western parts Ruhango and Muhanga Districts are expected to record rainfall ranging between 20 and 40 mm. The rainfall less than 10 mm is the lowest amount expected over Kigali City, Amayaga, most parts of Gicumbi and Kamonyi Districts and most part of Eastern Province except many parts of Kirehe, Ngoma and Bugesera Districts where rainfall ranging between 10 and 20 mm is expected as well as in other remaining parts.

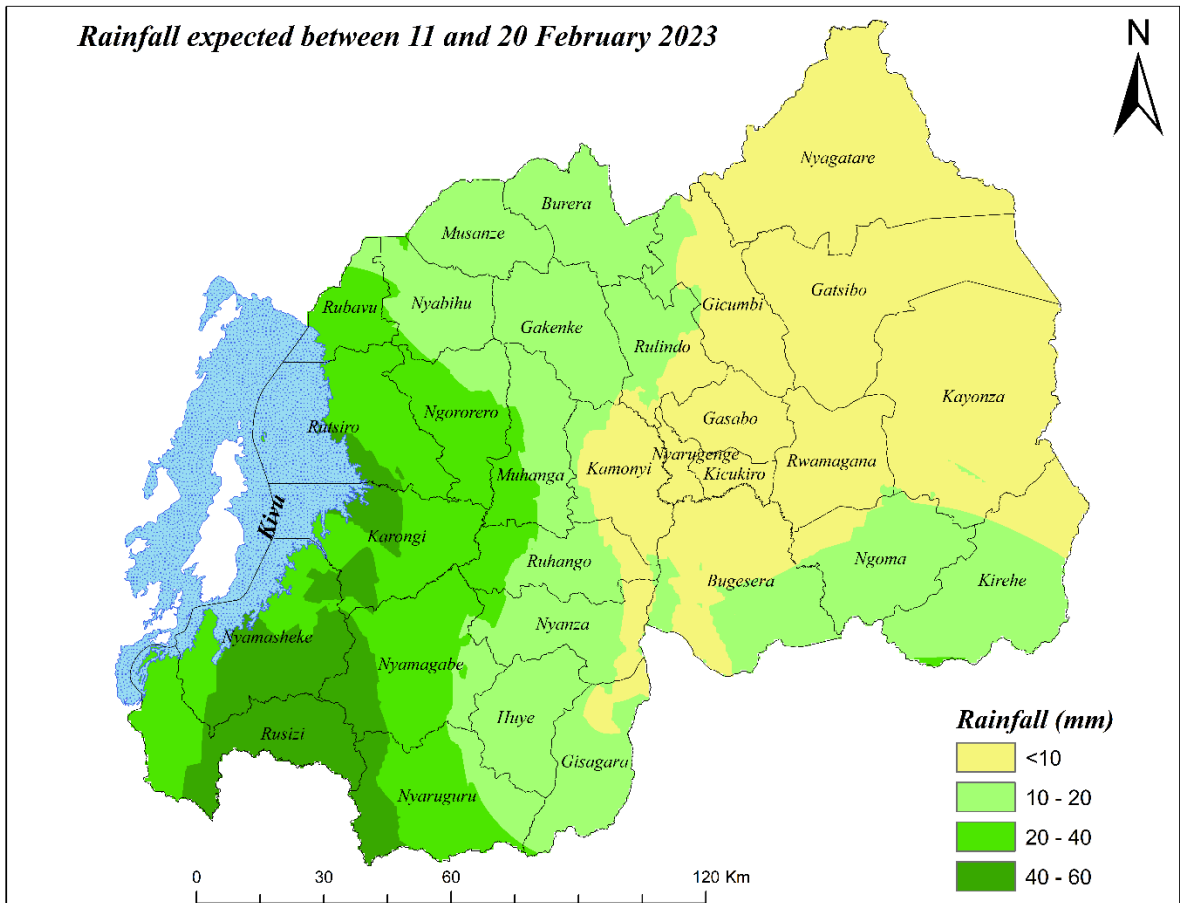
The rainfall amount expected during the dekad will be slightly below the range of Long-Term Mean rainfall (LTM) across the country (The range of LTM varies between 10 and 70 mm). Rainy days are expected to vary between one day (1) and Four days (4) days with more days expected in south western parts of the country and few days in northern and eastern parts of the country. Rain is expected on 12th and 15th in many parts of the country and from 16th to 18th in south western parts of the country. The predicted rainfall will result from the position of Intertropical Convergence Zone (ITCZ) 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, Gatsibo, Gicumbi, Rulindo, Burera, Musanze, Nyabihu, Rubavu, Nyaruguru, Nyamagabe, Huye, Nyanza and Gisagara Districts and in isolated parts of Gakenke, Ngororero, Rutsiro, Ruhango and Rusizi Districts. Moderate wind speed ranging between 4 and 6 m/s (green colour) is expected in remaining parts of the country.
3. **Temperature forecast:** During the second (2nd) dekad of February 2023, the average maximum temperature is expected to range between 20°C and 32°C, an increased temperature compared to previous dekad is expected in parts of Kigali City, Amayaga region, Bugarama plain Bugesera and Ngoma Districts ranging between 30°C and 32°C. Northern parts of Nyabihu and Musanze Districts 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.

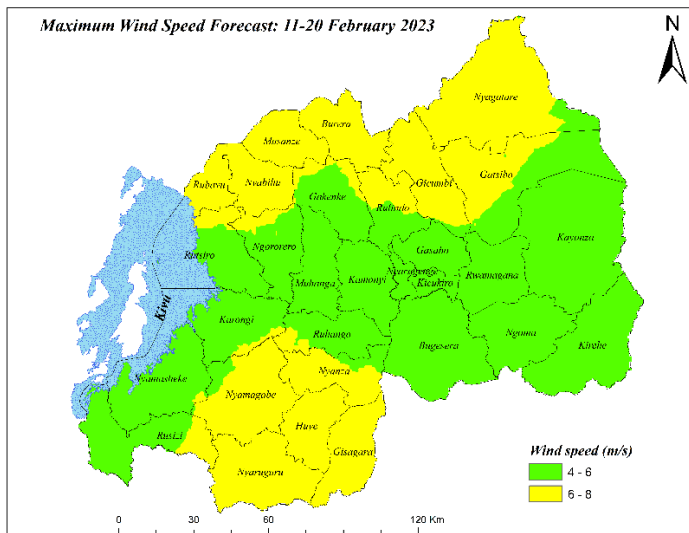
For more detailed information on spatial distribution of rainfall, maximum temperature and wind speed, please refer to the following maps below.



Rainfall expected between 11 and 20 February 2023



Maximum Wind Speed Forecast: 11-20 February 2023



Maximum Temperature Forecast: 11-20 February 2023

