



Kigali, 10th March 2023

Weather forecast valid from 11th to 20th March 2023

1. **Rainfall forecast:** During the Second (2nd) dekad of March 2023, rainfall ranging between 40 and 160 mm is expected across the country. The expected rainfall amount will be above the range of Long-Term Mean (LTM) across the country (The range of LTM varies between 20 and 60 mm). The predicted rainfall will be associated with thunderstorms and hailstorms that are also probable in some parts of the country. The main drivers of expected rainfall are the position of Inter-Tropical Convergence Zone (ITCZ) migrating towards the Northern Hemisphere moderated by local features. Rainy days are expected to vary between four (4) days and eight (8) days evenly distributed across the country.

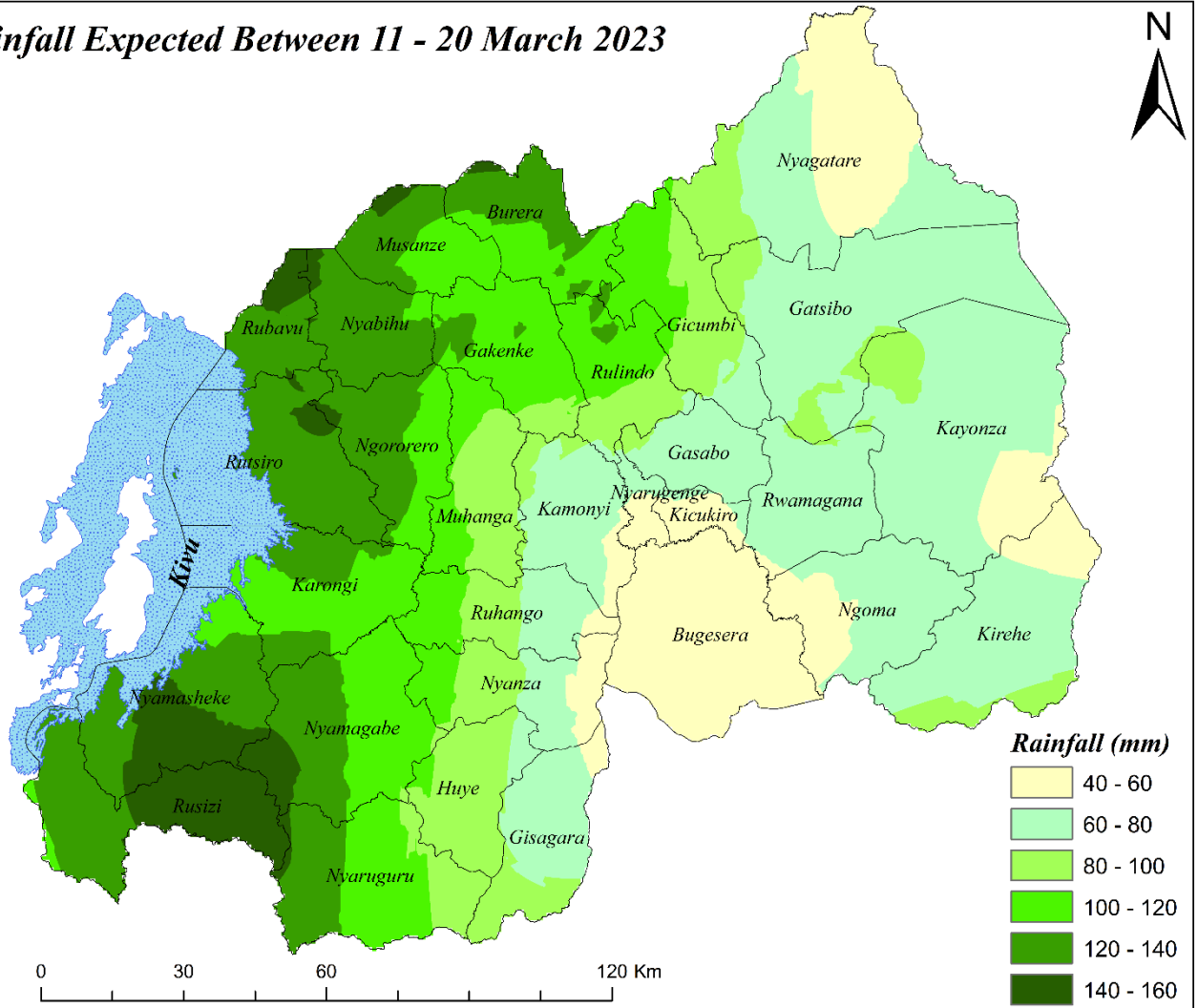
Higher amount of rainfall during this dekad is expected to range between 140 and 160 mm over parts of Rusizi, Nyamasheke and Nyamagabe Districts located in Nyungwe National Park and few isolated parts of Rutsiro and Rubavu Districts. The remaining parts of Western Province, Nyaruguru and Nyamagabe Districts are expected to record rainfall ranging between 100 and 140 mm as per map below. The rainfall ranging between 40 and 60 mm is the lowest amount expected over Bugesera District and few parts of Amayaga region, Nyagatare, Kayonza, Kirehe, Ngoma and Kigali city. The rest parts of the country are expected to record rainfall ranging between 60 and 100 mm as per the map below.

2. **Forecast of wind speed:** Moderate to strong wind speed ranging between 4 and 10 m/s is expected across the country. Strong wind speed ranging between 8 and 10 m/s (amber colour) is expected in few localised parts of the country while slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is expected in many parts of the country.
3. **Temperature forecast:** During the second (2nd) dekad of March 2023, the average maximum temperature is expected to range between 18°C and 28°C, a lower temperature compares to temperature experienced in previous dekad. Parts of Kigali City, Amayaga region, Bugarama plain Bugesera, Rwamagana, Kayonza, Kirehe, Ngoma, Nyagatare and Gatsibo Districts are expected to experience higher maximum temperature ranging between 26°C and 28°C. The parts of Rubavu, Nyabihu and Musanze Districts are expected to receive lower temperatures ranging between 18°C and 20°C.

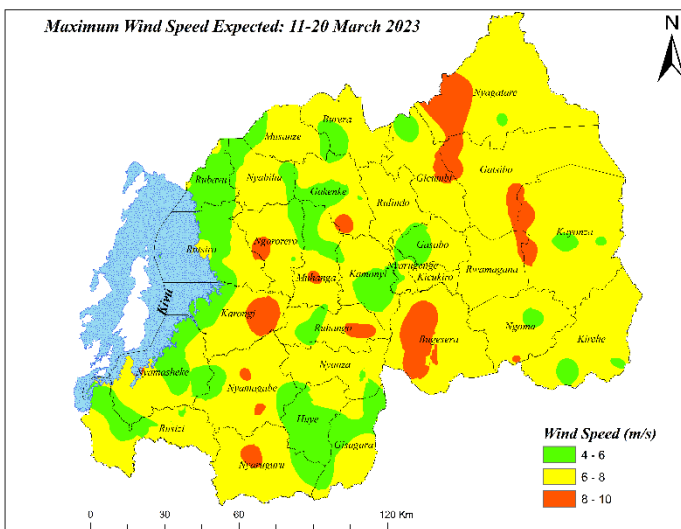
For more detailed information on spatial distribution of rainfall, maximum temperature and wind speed, please refer to the following maps below.



Rainfall Expected Between 11 - 20 March 2023



Maximum Wind Speed Expected: 11-20 March 2023



Mean Maximum Temperature Expected: 11-20 March 2023

