



Kigali, 10<sup>th</sup> December 2022

**Weather forecast valid from 11<sup>th</sup> to 20<sup>th</sup> December 2022**

- 1. Rainfall forecast:** During the second (2<sup>nd</sup>) dekad of December 2022, rainfall ranging between 20 and 100 mm is expected across the country. High amount of rainfall is expected to range between 80 and 100 mm and is expected over most parts of Rusizi, Nyamasheke and Rubavu Districts. Rainfall ranging between 20 and 40 mm is the lowest amount of rainfall expected over Eastern Province, Kigali city, Amayaga region, Kamonyi and Ruhango Districts.

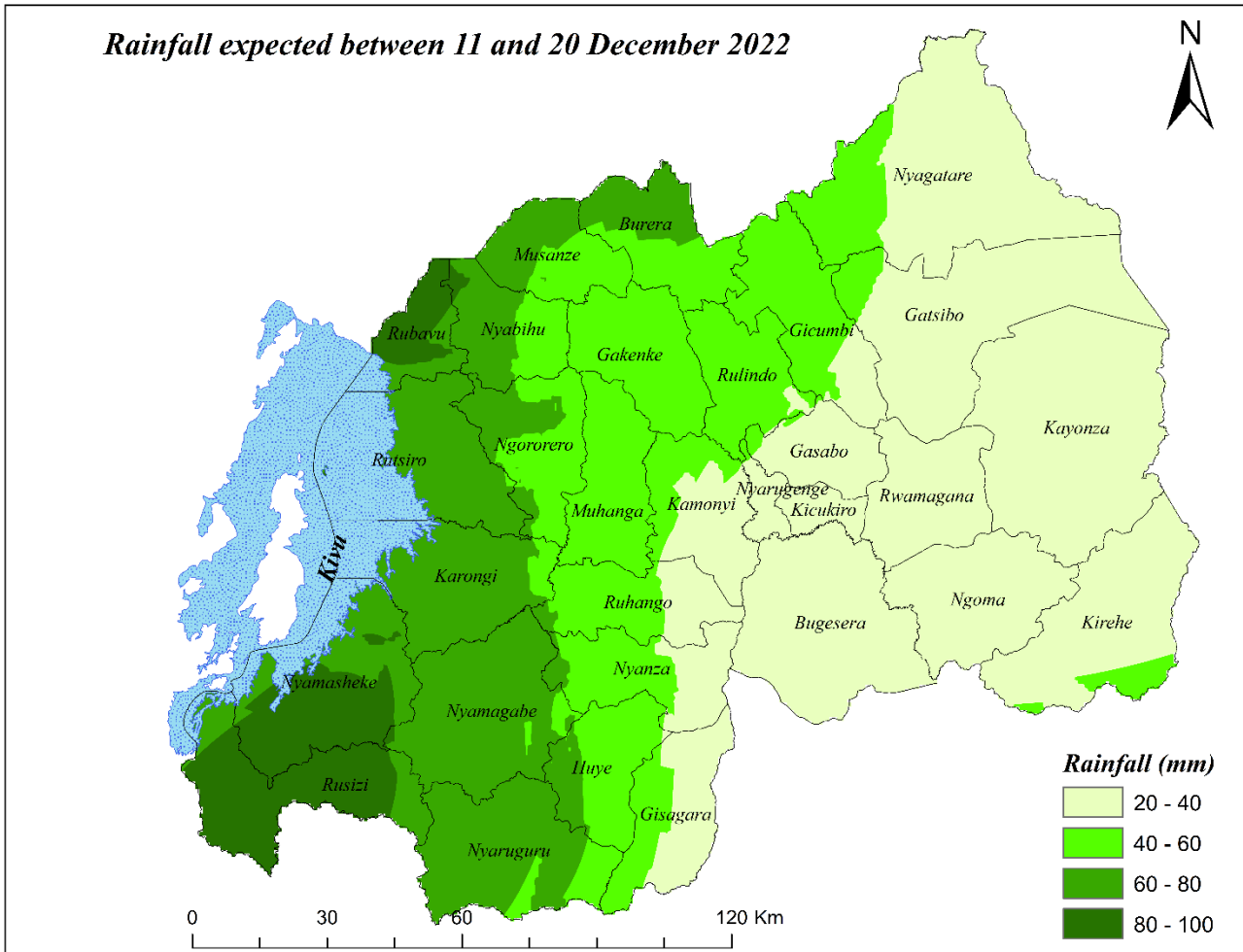
The expected rainfall amount will be above the range of Long-Term Mean (LTM) over many parts of the country especially in Northern, Southern and Western Provinces. The range of LTM varies between 10 and 70mm. Rainy days are expected to vary between two days (2) and six days (6) days with more days registered in Western and Northern Provinces. Rain is expected between 11<sup>th</sup> and 16<sup>th</sup> December 2022. The predicted rains will result from southward migration of Inter Tropical Convergence Zone (ITCZ) supported by local factors.

- 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 over entire country. Slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is expected over the northern parts of Rubavu, Nyabihu, Musanze, Burera, eastern parts of Ruhango and Nyanza Districts.
- 3. Temperature forecast:** During the second dekad of December 2022, the average maximum temperature is expected to range between 18°C and 28°C. Some parts of Kigali City, Amayaga region, Bugarama plain, Bugesera and Ngoma Districts and northeastern parts of Nyagatare District are expected to experience higher temperature ranging between 26°C and 28°C. Parts of Ngororero, Rubavu, Nyabihu, Musanze Districts are expected to receive lower temperatures ranging between 18°C and 20°C. The expected temperature will be below the range of Long Term Mean maximum temperature.
- 4. Impacts:** Minor impacts related to wet conditions are expected in some parts of Northern and Western Provinces due to the accumulation of rainfall and topography of the area; precautional measures are recommended to the community in the area. Wind related impacts are also expected in areas predicted to have strong wind. Therefore, mitigation measures should be put in place.

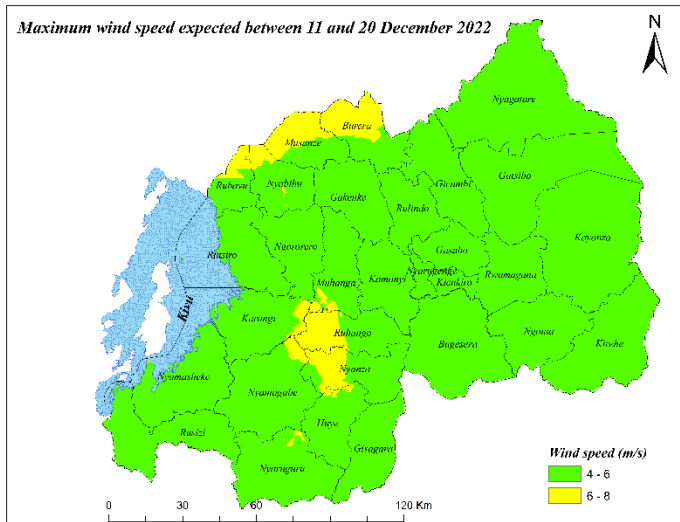
For more detailed information on spatial distribution of rainfall, maximum temperature and wind speed, please refer to the following maps below.



### Rainfall expected between 11 and 20 December 2022



### Maximum wind speed expected between 11 and 20 December 2022



### Maximum temperature expected between 11 and 20 December 2022

