



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

**Weather forecast valid from 21<sup>st</sup> to 31<sup>st</sup> July 2023**

- Forecast of wind speed:** Moderate to strong wind speed ranging between 4 m/s and 12 m/s is expected across the country. Very strong wind speed greater than 10m/s (red colour) is expected in localized parts of Karongi and Rubavu Districts. Strong wind speed ranging between 8 m/s and 10 m/s (umber colour) is expected in many parts of Rubavu, Rutsiro, Karongi, Nyamasheke and Rusizi Districts and over localized parts of Burera and Kirehe Districts. Slightly strong wind speed ranging between 6 m/s and 8 m/s (yellow colour) is expected over the remaining parts of Western Province except eastern parts of Nyabihu and Ngororero, over parts of Nyamagabe, Nyaruguru, Nyagatare, Gatsibo, Gicumbi, Burera, Musanze and Kirehe Districts. Moderate wind speed ranging between 4 m/s and 6 m/s (green colour) expected over the remaining parts of the country. The strong winds are expected on 21<sup>st</sup> and 22<sup>nd</sup> July 2023

**Impacts:** Impacts related to strong winds are expected in Lake Kivu, fishing communities and other parts of the country where strong wind is prevalent are advise to continue making good use of daily weather information, Mitigations measures should be put in place against strong winds.

- Rainfall forecast:** During the third (3<sup>rd</sup>) dekad of July 2023, rainfall ranging between 0 and 20 mm is expected across the country. The expected rainfall amount will be in the range of Long-Term Mean (LTM) across many parts of the country, (The range of LTM varies between 0 and 20 mm). The rainy days are expected to vary between zero (0) and two (2) days. Rains is expected on 24<sup>th</sup> and 25<sup>th</sup> July 2023 over localized parts of Northwestern parts of the country. The main factors influencing rainfall is the local features such as topography, forest and lakes.

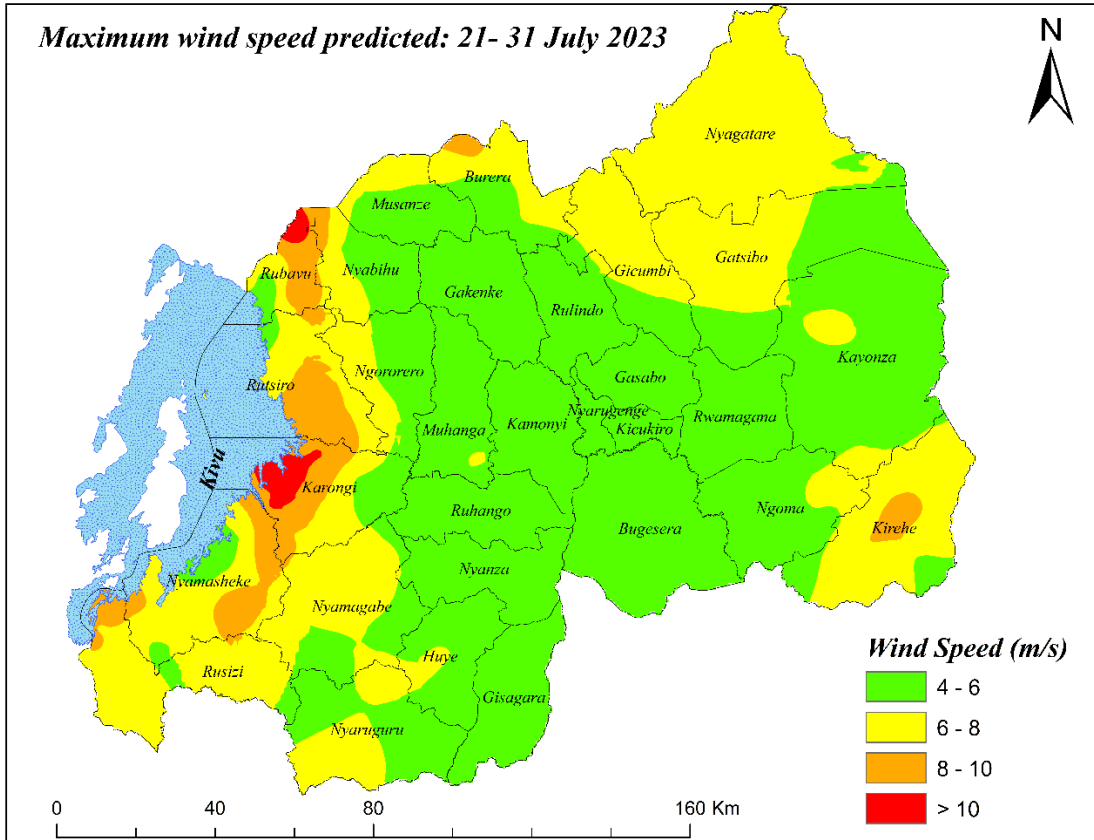
**Spatial distribution of rainfall:** Rainfall ranging between 10 and 20 mm is expected over northern parts of Rubavu, Nyabihu and Musanze Districts. The remaining parts of the country are expected to record rainfall ranging between 0 and 10 mm.

- Temperature forecast:** During the third (3<sup>rd</sup>) dekad of July 2023, the average maximum temperature is expected to range between 20°C and 30°C which is relatively normal mean maximum temperature of the third dekad of July. Bugarama plain, eastern parts of Nyagatare, Gatsibo, Kayonza and Gisagara Districts and over localized parts of Kigali city and Bugesera District are expected to experience higher maximum temperature ranging between 28°C and 30°C. Northern parts of Ngororero, Nyabihu, Burera and Musanze Districts, eastern parts of Rubavu and western parts of Nyaruguru and Nyamagabe Districts are expected to experience lower mean maximum temperatures ranging between 20°C and 22°C.

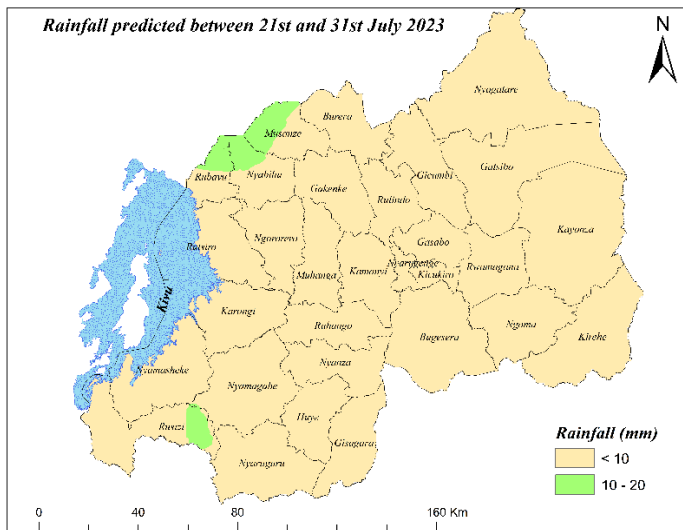
For more detailed information on spatial distribution map of rainfall, maximum temperature and wind speed, please refer to the following maps below.



Maximum wind speed predicted: 21- 31 July 2023



Rainfall predicted between 21st and 31st July 2023



Mean maximum temperature predicted: 21-31 July 2023

