



Kigali, 1st August 2023

Weather forecast valid between 1st and 10th August 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 Rusizi 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, Rusizi, Nyabihu, Nyaruguru, Nyagatare, Kirehe, western parts of Kayonza and Ngoma, localized parts of Nyaruguru, Huye, Gatsibo and Bugesera Districts. Slightly strong wind speed ranging between 6 m/s and 8 m/s (yellow colour) is expected over the remaining parts of the country except in Kigali city, Rulindo and Gakenke Districts, southern parts of Burera and Musanze and eastern parts of Kamonyi where moderate wind speed ranging between 4 m/s and 6 m/s (green colour) is expected. The strong winds are expected during the first half of the dekad (between 1st and 5th) and decrease towards the end of dekad.

Impacts: Impacts related to very strong/strong wind include lifted dust causing poor visibility/health problems, blowing-off of non-tight roof tops, trees/large branches falling down, among others are possible. Strong wind in Karongi and Rusizi Districts may affect fishing and trasport activities in Lake Kivu. Mitigations measures should be put in place against strong wind.

- Rainfall forecast:** During the first (1st) dekad of August 2023, rainfall ranging between 0 and 30 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 30 mm). The rainy days are expected to vary between zero (0) and three (3) days, two days (2) will be over many parts of the country and three days (3) in north western parts, and is expected from 8th to 10th. The main factors influencing rainfall is the local features such as topography, forest and lakes.

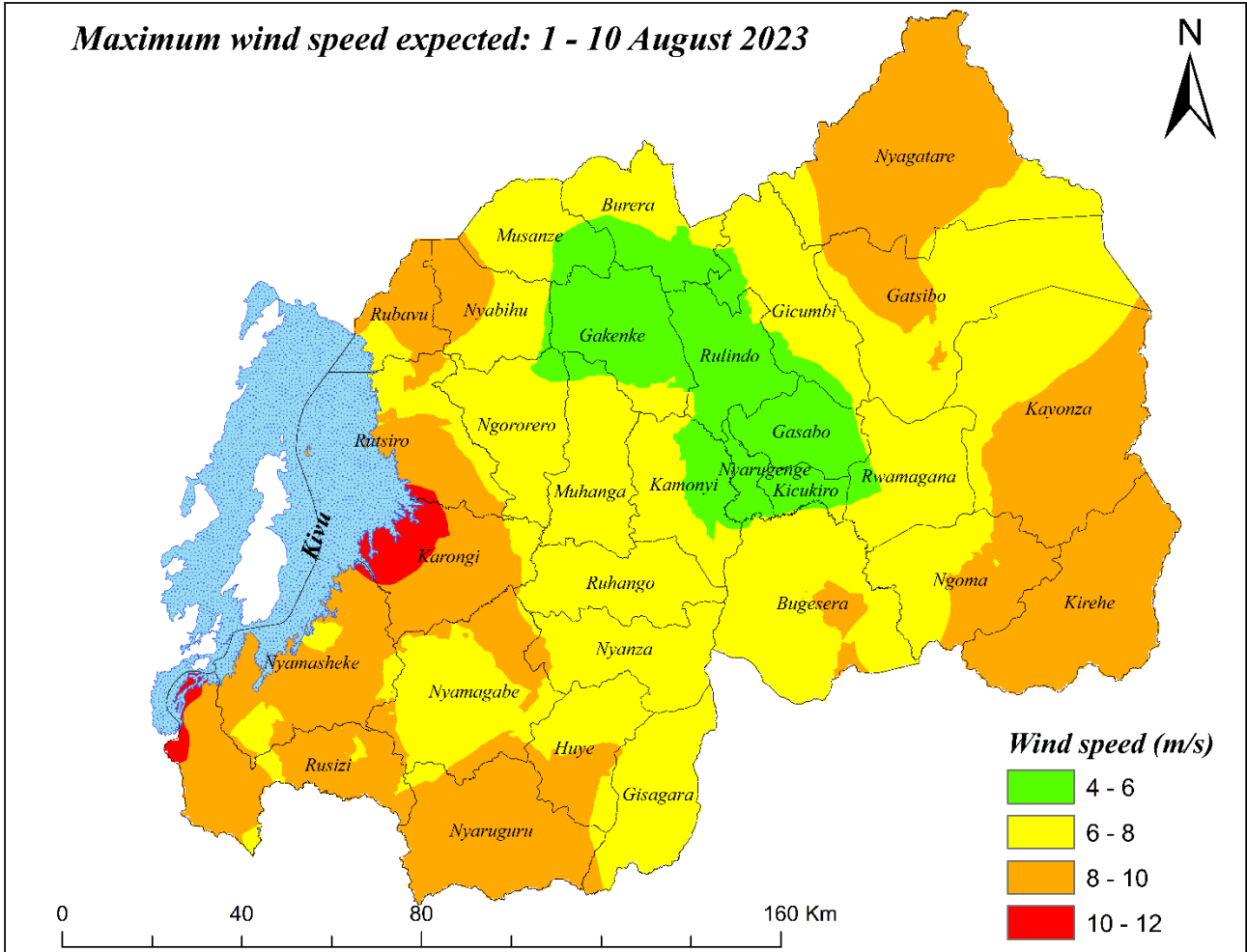
Spatial distribution of rainfall: Rainfall ranging between 20 and 30 mm is expected over northern parts of Rubavu, Nyabihu and Musanze Districts. The remaining parts of the country are expected to record rainfall ranging between 0 and 20 mm as indicated in the map below.

- Temperature forecast:** During the first (1st) dekad of August 2023, the average maximum temperature is expected to range between 20°C and 30°C which is slightly above normal mean maximum temperature of the first dekad of August. Bugarama plain, eastern parts of Nyagatare, Kayonza, Kirehe, Kamonyi, Ruhango, Nyanza and Gisagara Districts and over many parts of Kigali city and southern parts of Bugesera District are expected to experience higher maximum temperature ranging between 28°C and 30°C. Western parts of Ngororero, Nyabihu, Nyamagabe Districts, northern parts of Gicumbi, Burera and Musanze Districts, eastern parts of Rubavu and Rutsiro Districts are expected to experience lower mean maximum temperatures ranging between 20°C and 22°C.

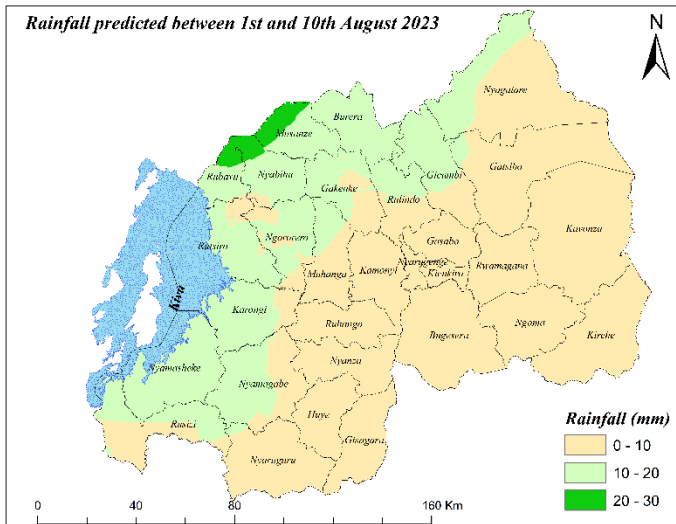
For more detailed information on spatial distribution of rainfall, maximum temperature and wind speed, please refer to the following maps below.



Maximum wind speed expected: 1 - 10 August 2023



Rainfall predicted between 1st and 10th August 2023



Mean maximum temperature expected: 1 - 10 August 2023

