



Kigali, 20th January 2024

Weather forecast valid between 21st and 31st January 2024

1. **Rainfall forecast:** During the third (3rd) dekad of January 2024, many parts of the country will continue to experience above normal rainfall amount with south western parts of the country continue to record higher amount of rainfall than other parts of the country. The amount of rainfall ranging between 10 and 120 mm is expected across the country. The expected rainfall amount will be above the range of Long-Term Mean (LTM) in many parts of the country except in Northern Province and in parts of Nyagatare and Gatsibo districts where the amount of rainfall expected will be in the range of LTM (The range of LTM varies between 10 and 50 mm). Rainy days are expected vary between two (2) and six (6) days mainly from 24th towards the end of the month. The main factor influencing the rainfall is the tropical cyclone located in southern Indian Ocean.

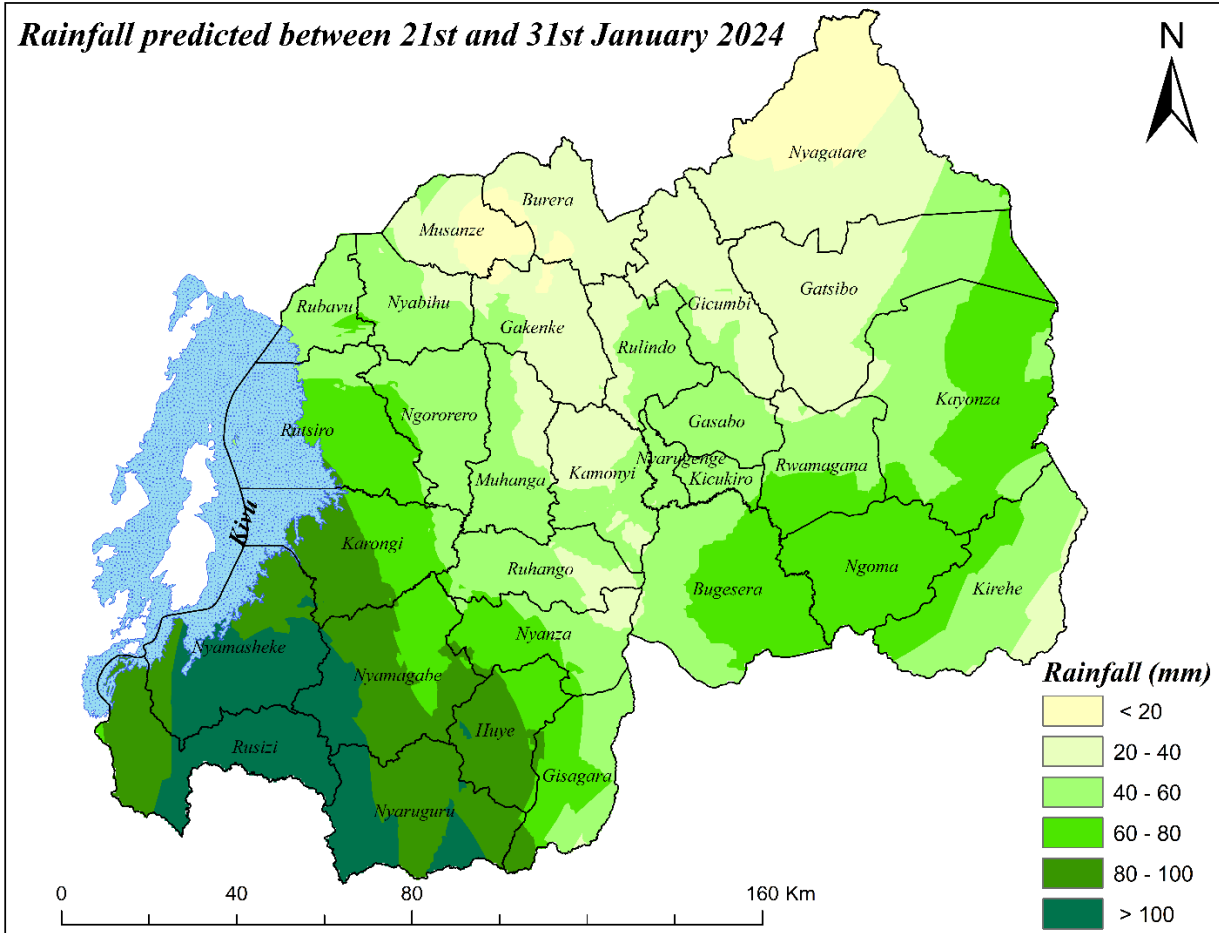
Spatial distribution of rainfall: Rainfall greater than 100 mm is the highest expected over eastern parts of Rusizi and Nyamasheke and western parts of Nyamagabe and Nyaruguru Districts. Rainfall ranging between 80 and 100 mm is expected over the remaining parts of Rusizi, Nyamasheke, Nyamagabe and Nyaruguru Districts and over western parts of Huye and Karongi Districts. Less than 20 mm of rainfall is expected in northern parts of Nyagatare District and localized parts of Musanze and Burere Districts. Many parts of Northern Province, Nyagatare, Gatsibo and Kamonyi Districts are expected to record rainfall ranging between 20 and 40 mm while the rest of the country is expected to record rainfall ranging between 40 and 80 mm.

2. **Forecast of wind speed:** Moderate to slightly strong wind speed ranging between 4 and 8 m/s is expected across the country. Moderate to slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is expected in localized parts of Gatsibo, Nyagatare, Gicumbi, Musanze, Burera, Kamonyi, Ruhango, Nyanza, Karongi and Gisagara Districts. The rest of the country is expected to experience moderate wind speed ranging between 4 and 6 m/s (green colour).
3. **Temperature forecast:** During the third dekad of January 2024, the average maximum temperature is expected to range between 18°C and 28°C which is ranging below the range of LTM maximum temperature of third dekad of January. Many parts of Kigali City, Bugesera, Gatsibo and Nyagatare Districts, western parts of Ngoma and Rwamagana, eastern parts of Kamonyi and Bugarama valley are expected to experience higher maximum temperature ranging between 27°C and 28°C. Northern parts Nyabihu and Musanze Districts are expected to experience lower maximum temperatures ranging between 18°C and 20°C.
4. **Advisories:** Agriculture sector should consider this forecast and continue a close monitoring of daily forecast evolution during the harvesting and drying periods. The impacts of flooding, soil erosion and landslides are likely in south western parts of the country where increased rainfall (greater than 80 mm) is expected, preparedness and mitigation measures should be put in place to minimize likely impacts.

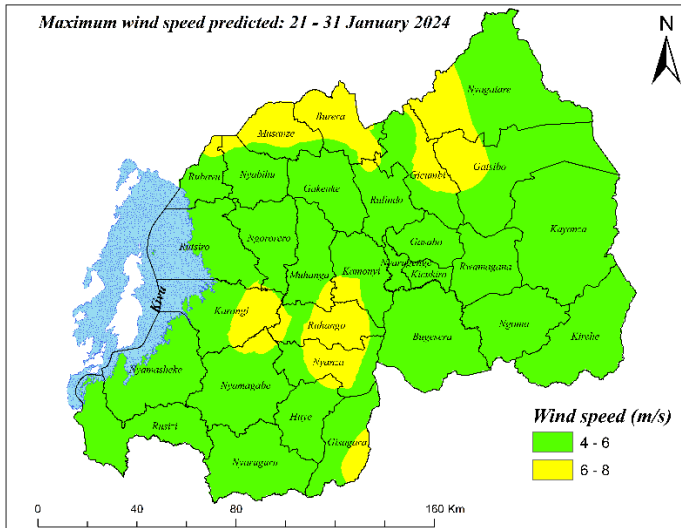
For more detailed information on spatial distribution map of rainfall, maximum temperature and wind speed, please refer to the following maps below.



Rainfall predicted between 21st and 31st January 2024



Maximum wind speed predicted: 21 - 31 January 2024



Mean maximum temperature predicted: 21 - 31 January 2024

