



Weather Forecast for the month of March 2023

1. Rainfall forecast

During the month of March 2023, the amount of rainfall ranging between 40 and 200 mm is expected across the country. The expected rainfall for the month of March 2023 will be within the range of Long-Term Mean (LTM) over many parts of the country (the LTM rainfall for the month of March ranges between 50 and 200mm). The first (1st) dekad is expected to be above the range of LTM in Northern, Southern and Western Provinces will be in the range of LTM over remaining parts of the country, the second (2nd) dekad is expected to be slightly below the range of LTM across the country while the third (3rd) dekad is expected to be in the range of LTM.

The spatial distribution map below shows that higher amount of rainfall expected to range between 160 and 200 mm over many parts of Rusizi, Nyamasheke, Rutsiro, Rubavu, Nyabihu and Burera Districts, western parts of Karongi, Nyamagabe and Nyaruguru Districts and few parts of Musanze, Gakenke and Rulindo Districts. Rainfall ranging between 140 and 180mm is expected in the remaining parts of Western and Northern Provinces except southern part of Gicumbi District, it is also expected in the western parts of Huye, Nyanza, Ruhango and Muhanga Districts. A reduced amount of rainfall ranging between 40 and 80 mm is expected in parts of Nyagatare, Gatsibo, Kayonza, Kirehe, Ngoma, Bugesera and Amayaga region. The rest parts of the country are expected to record rainfall ranging between 80 and 120 mm.

2. Wind Speed forecast

The wind speed distribution indicated by the map below for the month of March 2023 shows that moderate to strong wind ranging between 4m/s and 10m/s is expected across the country. Rubavu, Rutsiro, Karongi and parts of Nyabihu, Ngororero, Nyamasheke, Nyamagabe and Gatsibo Districts are expected to experience strong winds ranging between 8 and 10 m/s (amber colour), the rest parts of the country is expected to experience slightly strong wind ranging between 6 and 8 m/s (yellow colour) except north western parts of Gakenke District where moderate wind ranging between 4 and 6 m/s (green colour) is expected. Wind speed is expected to increase compare to previous month of February 2023.

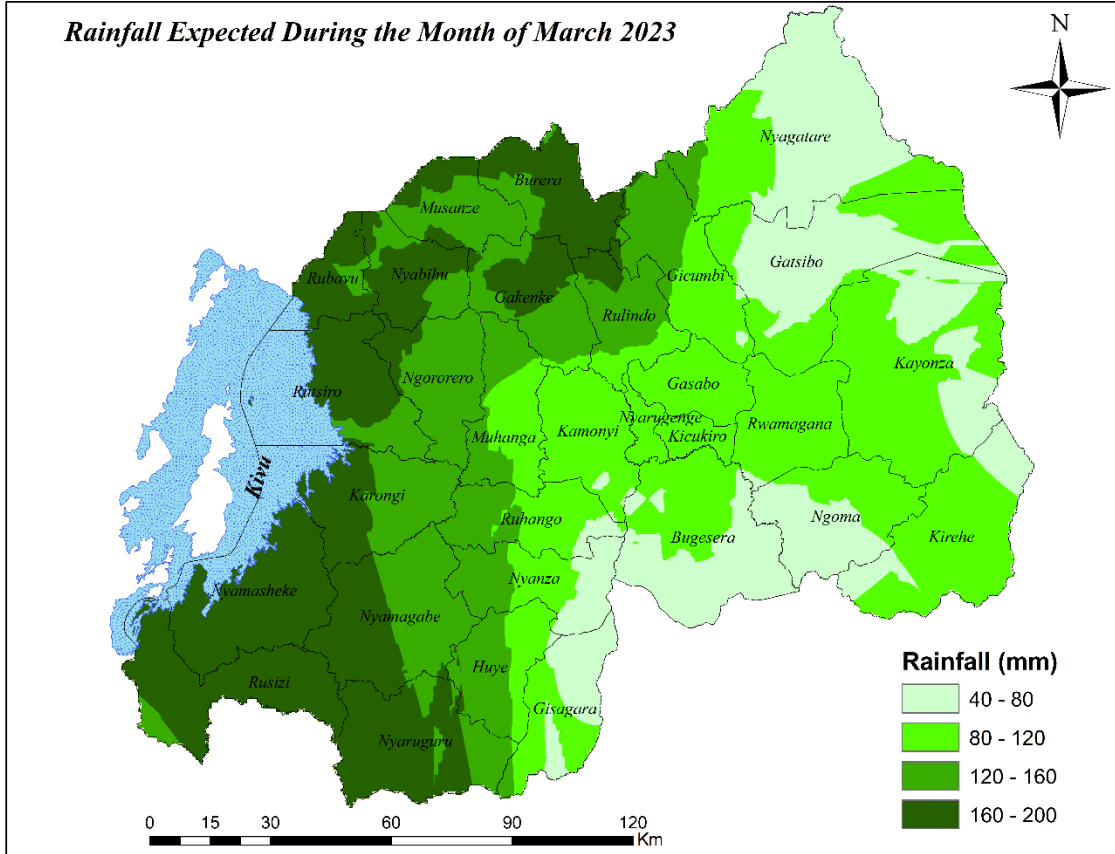
3. Temperature forecast

During the month of March 2023, the mean maximum temperature is expected to range between 20°C and 30°C. Many parts of Kigali City, Amayaga region, Bugarama plain, Bugesera, Ngoma, Nyagatare and Gatsibo Districts are expected to experience higher temperature ranging between 28°C and 30°C. Parts of Rubavu, Nyabihu, Musanze, Burera and localized parts of Nyamagabe Districts located in Nyungwe forest are expected to experience lower temperatures ranging between 20°C and 22°C. The expected temperature will be in the range of Long Term Mean (LTM) maximum temperature for the month of March 2023.

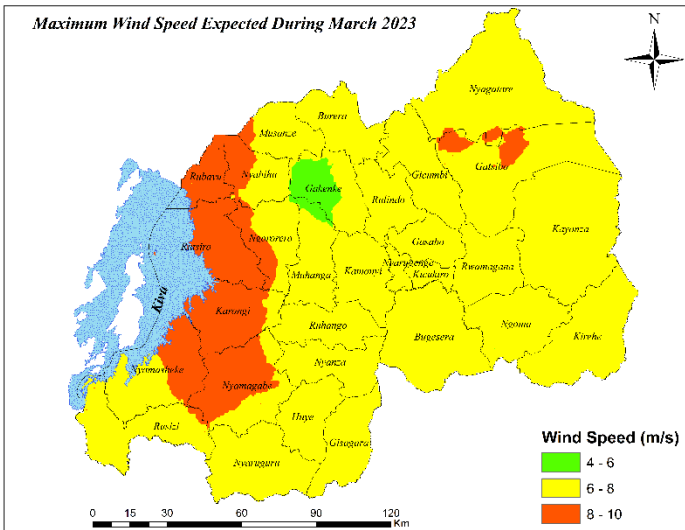
For more spatial details of rainfall, maximum temperature and wind speed distribution, please do refer to the following maps below.



Rainfall Expected During the Month of March 2023



Maximum Wind Speed Expected During March 2023



Maximum Temperature Expected During March 2023

