



Kigali, 11th March 2024

Weather forecast valid between 11th and 20th March 2024

1. **Rainfall forecast:** During the second (2nd) dekad of March 2024, a reduction of the amount of rain and rainy days is expected across the country. The amount of rainfall ranging between 0 and 80 mm is expected across the country. The expected rainfall amount will be slightly below the range of Long-Term Mean (LTM) across many parts of the country during second dekad of March 2024 (The range of LTM varies between 20 and 100 mm). Rainy days are expected to vary between two (2) and four (4) days, and rain is expected on the following dates 15th, 16th, 17th and 18th in different areas of the country. The rainfall will be influencing the local factors.

Spatial distribution of rainfall: Rainfall ranging between 60 and 80 mm is the highest expected during the dekad over southern parts of Nyamasheke, northern and eastern parts of Rusizi, small parts located in west of Nyamagabe and Nyaruguru Districts and in localized parts of Rubavu and Rutsiro Districts. Rainfall ranging between 45 and 60 mm is expected in Musanze District, remaining parts of Rusizi, Nyamasheke, Nyamagabe, Nyaruguru, Rubavu and Rutsiro Districts. It is expected also in western parts of Huye, Karongi, Ngororero and Nyabihu Districts. The rainfall ranging between 0 and 15 mm is the lowest amount expected over parts of Nyagatare, Kayonza, Gatsibo, Kirehe and Bugesera Districts. Amayaga region, Kigali city, rest of Eastern Province and many parts of Gicumbi, Rulindo and Gakenke Districts are expected to receive rainfall ranging between 15 and 30 mm. Remaining parts of the country are expected to experience rainfall ranging between 30 and 45 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 many parts of the country except in parts of Nyagatare, Gatsibo, Gicumbi, Nyabihu, Rubavu, Rutsiro, Karongi, Rusizi, Huye, Nyanza and Ruhango where wind speed ranging between 4 and 6 m/s (green colour) is predicted.
3. **Temperature forecast:** During the second (2nd) dekad of March 2024, the average maximum temperature is expected to range between 20°C and 30°C which is slightly above the range of LTM maximum temperature of second (2nd) dekad of March. Many parts of Kigali City, Bugesera and Nyagatare Districts, Amayaga, Bugarama valley and localized parts of Ngoma and Gatsibo Districts are expected to experience higher maximum temperature ranging between 28°C and 30°C. Many parts Nyabihu, eastern parts Rubavu and northern parts of Musanze Districts are expected to experience lower 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.

