



Kigali, 10th April 2024

Weather forecast valid between 11th and 20th April 2024

1. **Rainfall forecast:** During the second (2nd) dekad of April 2024, the amount of rainfall ranging between 20 and 120 mm is expected across the country. The expected rainfall amount will be slightly above the range of Long-Term Mean (LTM) in many areas of the western parts of the country and in the range of LTM in the remaining parts of the country (The range of LTM varies between 30 and 100 mm). Rainy days are expected to vary between three (3) and six (6) days. The dates for widespread of rains are 11th, 12th and 19th while on 13th, 15th and 17th rains will be scattered in different parts of the country. The main factors influencing rainfall in this dekad are the Sea Surface Temperature (SSTs) in Indian Ocean and local factors.

Spatial distribution of rainfall: Rainfall ranging between 100 and 120 mm is the highest expected over Western Province, western parts of Karongi, Ngororero, Nyamagabe, Nyaruguru, western parts of Musanze and Nyabihu Districts where rainfall ranging between 80 and 100 mm is expected. Rainfall ranging between 100 and 120 mm is also expected in western parts of Nyamagabe and Nyaruguru as well as northern parts of Musanze District. Rainfall ranging between 80 and 100 mm is expected in Burera District, remaining parts of Nyamagabe, Nyaruguru and Musanze, northern parts of Gakenke and Rulindo and western parts of Gicumbi, Muhanga, Ruhango, Nyanza and Huye Districts. The rainfall ranging between 20 and 40 mm is the lowest rainfall amount expected over many parts of Nyagatare, Gatsibo and Kirehe Districts, eastern parts of Kayonza, southern parts of Bugesera and localized parts of Amayaga region. Kigali City and the remaining parts of Northern, Eastern and Southern Provinces are expected to experience 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 wind speed ranging between 4 and 6 m/s (green colour) is expected in many parts of the country except in parts of Nyagatare, Gatsibo, Gicumbi, Rutsiro, Karongi, Nyamagabe, Rusizi and localized parts of Rubavu, Nyabihu and Kirehe Districts where moderate to slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is predicted.
3. **Temperature forecast:** During the second (2nd) dekad of April 2024, the average maximum temperature is expected to range between 18°C and 28°C which is in the range of LTM maximum temperature of the second (2nd) dekad of April over many parts of Kigali City and Bugesera District, western parts of Ngoma and Rwamagana Districts, northern parts of Gisagara and eastern parts of Nyagatare, Nyanza, Ruhango, and Kamonyi Districts are expected to experience higher maximum temperature ranging between 26°C and 28°C. Northern parts of Nyabihu District is expected to experience lower maximum temperatures ranging between 18°C and 20°C while remaining parts of Nyabihu, many parts of Rubavu and Musanze Districts and western parts of Nyamagabe and Nyaruguru Districts are expected to experience 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.

