



Kigali, 20th April 2024

Weather forecast valid between 21st and 30th April 2024

- Rainfall forecast:** During the third (3rd) dekad of April 2024, the amount of rainfall ranging between 40 and 180 mm is expected across the country. The expected rainfall amount will be above the range of Long-Term Mean (LTM) over many parts of the country especially in Northern, Western and Southern Provinces (The range of LTM varies between 30 and 100 mm). Rainy days are expected to vary between four (4) and eight (8) days, evenly distributed across the dekad. The main factors influencing the rainfall are the overhead position of the Inter Tropical Convergence Zone (ITCZ) shifting towards northern hemisphere and ongoing manifestation of El Nino conditions.
- Spatial distribution of rainfall:** Rainfall ranging between 160 and 180 mm is the highest expected over eastern parts of Rutsiro, Rusizi and Nyamasheke Districts, western parts of Nyamagabe, Nyaruguru and Nyabihu Districts, and in northern parts of Rubavu, Ngororero, Musanze and Burera Districts. Rainfall ranging between 140 and 160 mm is expected in Karongi and in remaining parts of Rutsiro, Ngororero, Rubavu, Nyabihu, Musanze, Burera, Rusizi and Nyamasheke Districts as well as in western parts of Huye and Gakenke Districts. Rainfall ranging between 120 mm and 140 mm is expected in Rulindo, Gakenke, Muhanga and in northern parts of Gicumbi, central parts of Huye and western parts of Ruhango, Nyanza and Gasabo Districts. Rainfall ranging between 100 mm and 120 mm is expected over northern Kamonyi and Nyarugenge Districts, central parts of Gasabo, Kicukiro, Ruhango and Nyanza District, western parts of Nyagatare, Gisagara and over northern parts of Ngoma and Nyarugenge Districts. Rainfall ranging between 80 mm and 100 mm is expected over most parts of Amayaga and most southern parts of Eastern Province. Rainfall ranging between 60 mm and 80 mm is expected over southern parts of Gatsibo, central parts of Kirehe and Kayonza Districts, western Bugesera and eastern parts of Nyanza and Ruhango Districts while most of the eastern parts Nyagatare, Kayonza, Kirehe, central and eastern parts of Gatsibo, are expected to receive rainfall ranging between 40 and 60 mm.
- 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 Nyagatare, Gatsibo, Rusizi, Nyamasheke, Karongi, Rutsiro, north-eastern Rubavu, north-western Nyabihu and Western Nyamagabe. Moderate wind speed ranging between 4 and 6 m/s (green colour) is expected mostly in the remaining parts of the country.
- Temperature forecast:** During the third (3rd) 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 third (3rd) dekad of April. Many parts of Kigali City, Bugesera, Bugarama Plains, Amayaga, western Ngoma and Eastern parts of Nyagatare, Gatsibo and Kayonza Districts are expected to experience higher maximum temperature ranging between 26°C and 28°C. North-western parts of Nyabihu and Musanze districts in the Volcanoes National Park expected to experience lower maximum temperatures ranging between 18°C and 20°C.



5. **Expected Impacts:** Impacts associated with heavy and accumulated rains are likely to occur in many parts of the country especially in Northern, Western and Southern Provinces. Likely impacts are flooding, poor visibility during rainstorms, soil erosion and landslides in areas of high slopes. Preparedness and mitigation measures should be put in place by relevant authorities and the public to minimize impacts that may be caused by the expected rains.

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

