



Kigali, 1st April 2023

Weather forecast valid from 1st to 10th April 2023

1. **Rainfall forecast:** During the first (1st) dekad of April 2023, rainfall ranging between 20 and 120 mm is expected across the country, a reduced rainfall compared to the rainfall recorded in last two dekads of March 2023. The expected rainfall amount will be in the range of Long-Term Mean (LTM) in many parts of the country (The range of LTM varies between 30 and 100 mm). The predicted rainfall will be associated with thunderstorms in many parts of the country. The main drivers of expected normal rainfall is the neutral conditions of Sea Surface Temperature (SST) in Indian and Pacific Oceans. Rainy days are expected to vary between three (3) and six (6) days which are expected in the first half of the dekad and reduce towards the end of the dekad.

Spatial distribution of rainfall is expected as follow: Rainfall ranging between 100 and 120 mm is expected in eastern parts of Rusizi, Nyamasheke, Rutsiro and Rubavu Distcts, many parts of Musanze and western parts of Nyamagabe, Nyaruguru, Nyabihu and Burera Districts. Rainfall ranging between 80 and 100 mm is expected in the remaining parts of Western Province and Musanze, Burera, Nyamagabe and Nyaruguru, northern parts of Gakenke and Muhanga Districts. The rainfall ranging between 20 and 40 mm is the lowest amount expected over northern parts of Nyagatare, eastern part of Kayonza and Gisagara Districts and few localized parts in southern Bugesera and Ngoma Districts. The rest parts of the country are expected to record rainfall ranging between 40 and 80 mm as per the map below.

2. **Forecast of wind speed:** Moderate to slightly strong wind speed ranging between 4 and 8 m/s is expected across the country. Slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is expected in Nyagatare, Gatsibo, Kicukiro, Bugesera, Gisagara, Huye and Karongi Districts, in parts of Rusizi, Nyamasheke, Rutsiro, Nyamagabe, Nyanza, Ruhango, Kamonyi, Nyarugenge, Gasabo, Gicumbi, Rwamagana and Ngoma and Kayonza Districts. The rest parts of the country are expected to experience moderate wind speed ranging between 4 and 6 m/s (green colour).
3. **Temperature forecast:** During the first (1st) dekad of April 2023, the average maximum temperature is expected to range between 18°C and 28°C. Few isolated parts of Kigali City, Bugesera, Ruhango, Nyagatare Districts and Bugarama plain are expected to experience higher maximum temperature ranging between 26°C and 28°C. The parts of Nyungwe National Park, Ngororero, Rutsiro, Rubavu, Nyabihu, Burera, Gicumbi and Musanze Districts are expected to experience lower maximum temperatures ranging between 18°C and 20°C.

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



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