



Weather Forecast for the month of April 2023

1. Rainfall forecast

During the month of April 2023, the amount of rainfall ranging between 40 and 200 mm is expected across the country. The expected rainfall for the month of April 2023 will be slight above the Long-Term Mean (LTM) over many parts of the country (the LTM rainfall for the month of April ranges between 50 and 250mm). All three dekads are expected to experience rainfall in the range of LTM across the country. The main drivers of expected rainfall are the neutral conditions of Sea Surface Temperature (SSTs) in both Indian and Pacific Oceans which will remain neutral for the month of April 2023.

The spatial distribution map below shows that higher amount of rainfall expected to range between 160 and 200 mm over Western Province, Musanze and Burera Districts, northern parts of Gakenke, Rulindo and Gicumbi Districts and western parts of Nyamagabe and Nyaruguru Districts. Rainfall ranging between 140 and 180mm is expected in the remaining parts of Nyamagabe, Nyaruguru, Gakenke, Gicumbi and Rulindo Districts, many parts of Huye, Muhanga, Gasabo and Rwamagana Districts; it is also expected in western parts of Nyanza, Ruhango, Nyagatare, Gatsibo and Kayonza Districts and northern parts of Kamonyi and Nyarugenge District. A reduced amount of rainfall ranging between 40 and 80 mm is expected over eastern parts of Nyagatare, Gatsibo and Gisagara Districts and in isolated parts of Kayonza, Kirehe and Bugesera Districts. The remaining 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 April 2023 shows that moderate to slightly strong wind ranging between 4m/s and 8m/s is expected across the country. Moderate wind ranging between 4 and 6 m/s (green colour) is expected over Musanze, Burera, Gakenke, Muhanga, Rulindo and Gasabo Districts, many parts of Kamonyi, Nyarugenge and Rwamagana Districts, eastern parts of Ngororero and Nyabihu and western parts of Kayonza and Nyaruguru Districts. The rest of the country is expected to experience slightly strong wind ranging between 6 and 8 m/s (yellow colour).

3. Temperature forecast

During the month of April 2023, the mean maximum temperature is expected to range between 18°C and 28°C. Temperature ranging between 26°C and 28°C is the highest expected over Many parts of Nyarugenge, Gasabo and Bugesera Districts, eastern parts of Nyagatare, Gatsibo, Kayonza and Ruhango Districts, western parts of Ngoma and southern parts of Rusizi District. Lower maximum temperature is expected to range between 18°C and 20°C in the western parts of Nyaruguru, Nyamagabe, Ngororero and Nyabihu, eastern part of Rubavu, northern parts of Musanze and Burera and localized parts of Gicumbi Districts. The expected temperature will be in the range of Long Term Mean (LTM) maximum temperature for the month of April 2023.

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

