



Weather Forecast for the month of March 2022

1. Forecast of rainfall

During the month of March 2022, amount of rainfall ranging between 50 and 300 mm is expected across the country. A reduction of rainfall is expected in March 2022 compared to rainfall recorded in the month February 2022. Enhanced rainfall ranging between 250 and 300 mm is expected in Nyungwe and Birunga National Park and surrounding areas as opposed to other parts of the country. A more reduced amount of rainfall ranging between 50 and 100 mm is expected in most parts of Nyagatare and Gatsibo districts and few localized areas of Kayonza, Kirehe, Ngoma and Bugesera Districts. Expected rainfall in March 2022 will be slightly above the range of Long Term Mean (LTM) in Northern, Southern and Western parts whereas the remaining parts of the country will experience rainfall within the range of LTM. Rainfall will be influenced by northward migration of Inter-Tropical Convergence Zone which will be evenly distributed within the month of March 2022.

Rainfall ranging between 200 and 300 mm is expected in Western Province, in Musanze, Burera, western parts of Gicumbi and northern parts of Gakenke and Rulindo in Northern Province, in most parts of Nyamagabe, Nyaruguru and western parts of Huye in Southern Province. Rainfall ranging between 100 and 200 mm is expected over Kigali City, over remaining parts of Northern and Southern Provinces, over western parts of Nyagatare, Gatsibo and Bugesera Districts, southern and northern parts of Kayonza District and over most parts of Rwamagana, Ngoma and Kirehe Districts. Rainfall ranging between 50 and 100 mm is expected over remaining parts of Nyagatare, Gatsibo, Kayonza, Kirehe, Ngoma and Bugesera districts.

2. Forecast of wind Speed

The wind speed distribution indicated by the map below for the March 2022, moderate to strong winds ranging between 4m/s and 10m/s is expected across the country. Strong wind ranging between 8 and 10 m/s is expected over some localized parts of Eastern Province in the districts of Kayonza, Nyagatare, Gatsibo, Kirehe, Rwamagana, Ngoma and Bugesera, over Southern Province in the Districts of Kamonyi, Nyanza, Ruhango, Gisagara, Huye and Nyaruguru and in Western Province in the Districts of Rusizi, Nyamasheke and Nyabihu. Most of the remaining parts of the country will receive slightly less strong wind speed ranging between 6 and 8 m/s except areas along Nyungwe National Park, most parts of Musanze and Gakenke Districts and isolated parts of Kigali city, Nyagatare, Kayonza, Rutsiro and Rubavu Districts that will experience moderate wind ranging between 4m/s and 6m/s.

3. Forecast of maximum temperature

During the month of March 2022, the temperature is expected to range between 18° C and 30° C. Many parts of Eastern and Southern Provinces, Kigali City and Rusizi district are expected to receive higher temperature ranging between 26°C and 30°C while most parts of Northern Province, north-western parts of Western Province and parts of Nyungwe National Park are expected to receive temperature ranging between 18°C and 26°C. The expected temperature is in the range of Long Term Mean temperature for the month of March.



For more details on spatial distribution of rainfall, maximum temperature and wind speed, refer to the maps below.

