



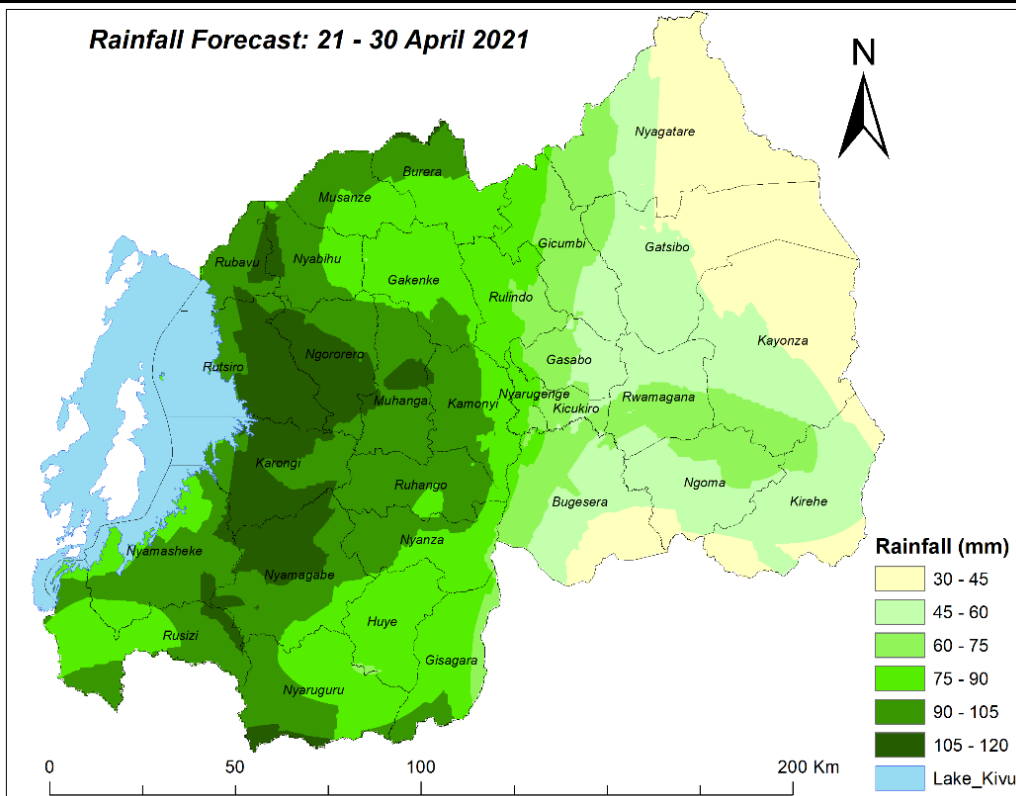
Weather forecast from 21st to 30th April 2021

1. Rainfall Forecast

Rainfall expected between 21st and 30th April 2021 will range between 30 and 120 mm across the country which is in the range of Long Term Mean (LTM) during the dekad in most parts of the country. Rainy days are expected to vary between four (4) and seven (7) days across the country. The expected rainfall will result from the advection of moisture from Indian Ocean due to the location of Inter-Tropical Convergence Zone (ITCZ) over the region and will be moderated by the local factors such as topography, forest and lakes. The distribution of the rainfall across the country is highlighted below:

- **Eastern Province:** Rainfall ranging between 30 and 45 mm is expected in eastern parts of Kayonza, Gatsibo, Nyagatare and southern parts of Bugesera and Kirehe districts. Rainfall ranging between 45 and 60 mm is expected in northern parts of Rwamagana, remaining parts of Kirehe and Gatsibo and central parts of Bugesera Kayonza and Nyagatare districts. Rainfall ranging between 60 and 75 mm is expected in the remaining parts of Ngoma, Rwamagana, Bugesera and Nyagatare districts.
- **City of Kigali:** Rainfall ranging between 45 and 60 mm is expected in eastern parts of Gasabo district. Rainfall ranging between 60 and 75 mm is expected in the remaining parts of Gasabo and in Kicukiro districts. Rainfall ranging between 75 and 90 mm is expected in Nyarugenge district.
- **Southern Province:** Rainfall ranging between 75 and 90 mm is expected in Huye, Gisagara and in eastern parts of Kamonyi, Nyanza, Nyamagabe and Nyaruguru districts. Rainfall ranging between 90 and 105 mm is expected in most parts of Muhanga and Ruhango districts, south and north eastern parts of Nyamagabe and in remaining parts of Kamonyi, Nyaruguru and Nyanza districts. Rainfall ranging between 105 and 120 mm is expected in northern parts of Nyamagabe and in a small part located in Muhanga districts.
- **Western Province:** Rainfall ranging between 75 and 90 mm is expected in the eastern parts of Nyabihu, western parts of Nyamasheke and central parts of Rusizi districts. Rainfall ranging between 90 and 105 mm is expected in remaining parts of Nyabihu, Rusizi and Nyamasheke district, western and eastern parts of Karongi, south and western parts of Rubavu, northern part of Ngororero and north western parts of Rutsiro districts. Rainfall ranging between 105 and 120 mm is expected in remaining parts of Karongi, Rutsiro, Ngororero and Rubavu districts.
- **Northern Province:** Rainfall ranging between 45 and 60 mm is expected in southern parts of Gicumbi. Rainfall ranging between 60 and 75 mm is expected in central parts of Gicumbi and south eastern parts Rulindo districts. Rainfall ranging between 75 and 90 mm is expected in southern parts of Musanze and Burera districts, most parts of Gakenke and in the remaining parts of Rulindo and Gicumbi districts. Rainfall ranging between 90 and 105 mm is expected in remaining parts of Burera, Musanze and Gakenke districts.

For more details on spatial distribution of expected rainfall, refer to the map below.



2. Wind forecast

During the second dekad of April 2021, moderate to strong winds ranging between 5m/s and 9m/s is expected in many parts of the country. As per the distribution map bellow, medium to high risk of strong wind is expected in many parts of Western Province, Northern Province in Burera, Gicumbi and Musanze districts. Eastern Province in the districts of Nyagatare, Gatsibo, Kirehe and some parts of Kayonza. Southern Province in the districts of Nyamagabe, Nyaruguru, Huye and Gisagara districts, western parts of Nyanza, Ruhango and southern part of Muhanga districts.

