



ISO 9001:2015 CERTIFIED
Kigali, 20 September 2021

Weather Forecast for 21st to 30th September 2021

Executive summary

Light to moderate rainfall ranging between 20mm and 100mm is expected countrywide from 21st to 30th September 2021. Rainfall is expected between 22nd and 23rd in many parts of Northern Province and in northern parts of Western Province. Enhanced rainfall is expected between 26th and 30th September which marks the onset of seasonal rainfall for September to December 2021 in many parts of the country. Rainy days are expected to range between 1 and 6 days and expected rainfall will be above the range of long term mean.

The expected mean maximum temperature will range between 18°C and 30°C depending on the location. The highest mean maximum temperature is expected to range between 28°C and 30°C in southwestern parts of Western Province, Kigali city and Southern Province, and in many parts of Eastern Province. The lowest mean maximum temperature is expected to range between 18°C and 20°C in parts of Virunga National Parks and some parts of Nyungwe National Park.

Moderate wind ranging between 4m/s and 8m/s is expected in many parts of the country but strong winds ranging between 8m/s and 10m/s is expected in some parts of Western Province.

1. Forecast of rainfall

Rainfall ranging between 20mm and 30mm is expected in some parts of southeastern parts especially in Kirehe and Bugesera districts. Rainfall ranging between 30 and 40 mm is expected in some parts of Southern Province including Amayaga region, most parts of Gasabo and Rwamagana, and some parts of Nyarugenge, Gicumbi, Ngoma, Kayonza and Gatsibo districts. Rainfall ranging between 40mm and 50mm is expected in most central parts of Southern Province and also in central parts of Nyagatare and Gicumbi districts. Rainfall ranging between 50 and 60 is expected in central parts of Nyaruguru, Nyagatare and Rulindo districts and in western parts of Huye, Nyanza and Ruhango districts and in southern parts of Kamonyi district. The rest of Southern province and some parts of southern Gakenke, northern Rulindo and central Gicumbi expected rainfall ranging between 60 and 70mm while rainfall ranging between 70 and 80mm expected in small parts of western Nyagatare and in most parts of Northern Province and Western Province except in Rubavu, northern parts of Ngororero and Rutsiro districts, western Nyabihu, Birunga National Park, some parts of Nyungwe National park and southwestern part of Rusizi district which expected rainfall ranging between 80 and 100mm.



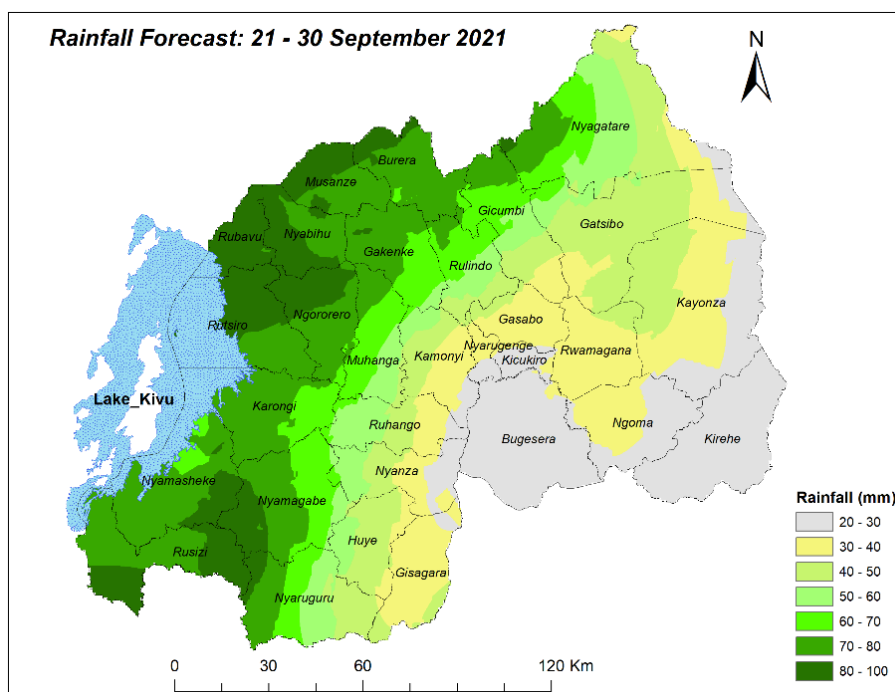
2. Forecast of maximum temperature

The highest mean maximum temperature is expected to range between 28°C and 30°C in some parts of Western Province especially in Bugarama Plain and most parts of Kigali city, Southern Province and Eastern Province. The lowest mean maximum temperature is expected to range between 18°C and 20°C in some parts of northwestern province, parts of Birunga National Parks and some parts of Nyungwe National Park.

3. Forecast of wind Speed

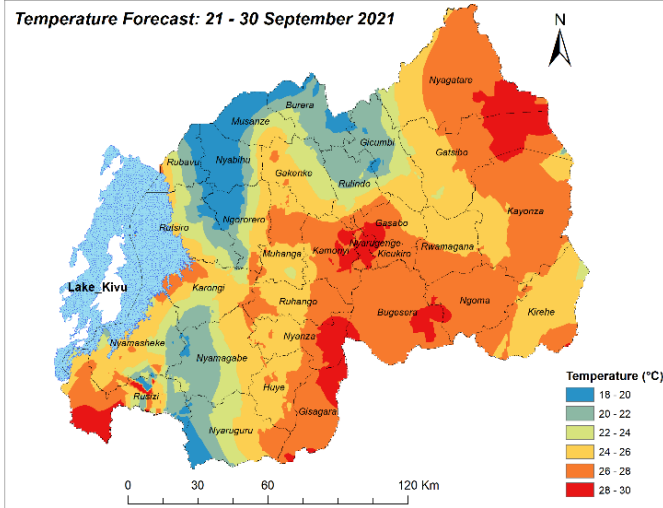
During the month of September 2021 dekad 3, strong wind ranging between 8m/s and 10m/s is expected in some parts of Western Province especially in Karongi, Rutsiro, Rubavu and Nyabihu districts while the rest of the country expected to receive moderate wind ranging between 4m/s and 8m/s. Due to the rainfall conditions, strong wind is expected to be associated with localized damage impacts of crops and infrastructure and roofs being blown off.

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





Temperature Forecast: 21 - 30 September 2021



Wind Speed Forecast: 21 - 30 September 2021

