



Weather Forecast for the month of July 2021

1. Executive summary

Dry weather conditions with sunny intervals are expected during July 2021 but with few cold days will be observed through the month mostly in Northern and Western parts of the country. The mean maximum temperature expected will range between 20°C and 30°C depending on the location. The highest temperature during the month is 30°C which is expected in Bugarama plain. Less rainfall with cumulative amount ranging between 0 and 40 millimeters (mm) is expected across the country but a big part of the country is expected to receive less than 5mm in 30 days. The expected rainfall will be below the range of Long Term Mean for the month of July over most parts of the country, except the western province which will record rainfall in range of Long Term Mean.

2. Expected temperature distribution:

During the month of July 2021, higher than average maximum temperature is expected in Bugarama plain located in Rusizi district while temperature ranging between 26°C and 28°C is expected in Bugesera, Nyarugenge, Kicukiro, some parts of Gasabo, eastern parts of Kamonyi, Ruhango, Nyanza, northern parts of Gisagara, western parts of Ngoma and some pockets of Kayonza, Gatsibo and Nyagatare districts. The areas expected to experience lower average maximum temperature ranging between 20°C and 22°C are Burera, northern parts of Rulindo, Gicumbi and Musanze in Northern Province, eastern parts of Rubavu, Rutsiro, Nyamasheke and Rusizi districts, western parts of Nyabihu and Ngororero in Western Province and western parts of Nyamagabe and Nyaruguru in Southern Province. The remaining parts of the country are expected to record temperature ranging between 22°C and 26°C.

3. Spatial Rainfall Distribution

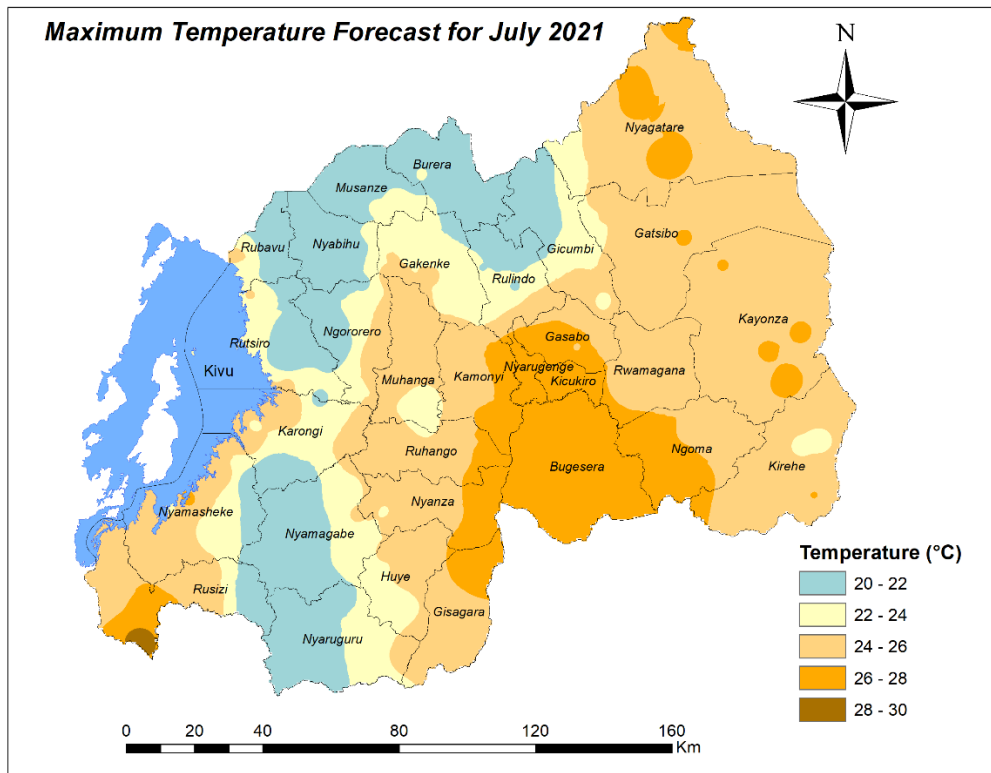
Rainfall ranging between 20 and 40 mm is expected in northern parts Rubavu, Nyabihu and Musanze.

Rainfall ranging between 10 and 20 mm is expected in eastern parts Rusizi, Rubavu and Rutsiro districts, southern parts of Nyamasheke, western parts of Musanze, Ngororero and Nyabihu districts and northern parts of Burera district.

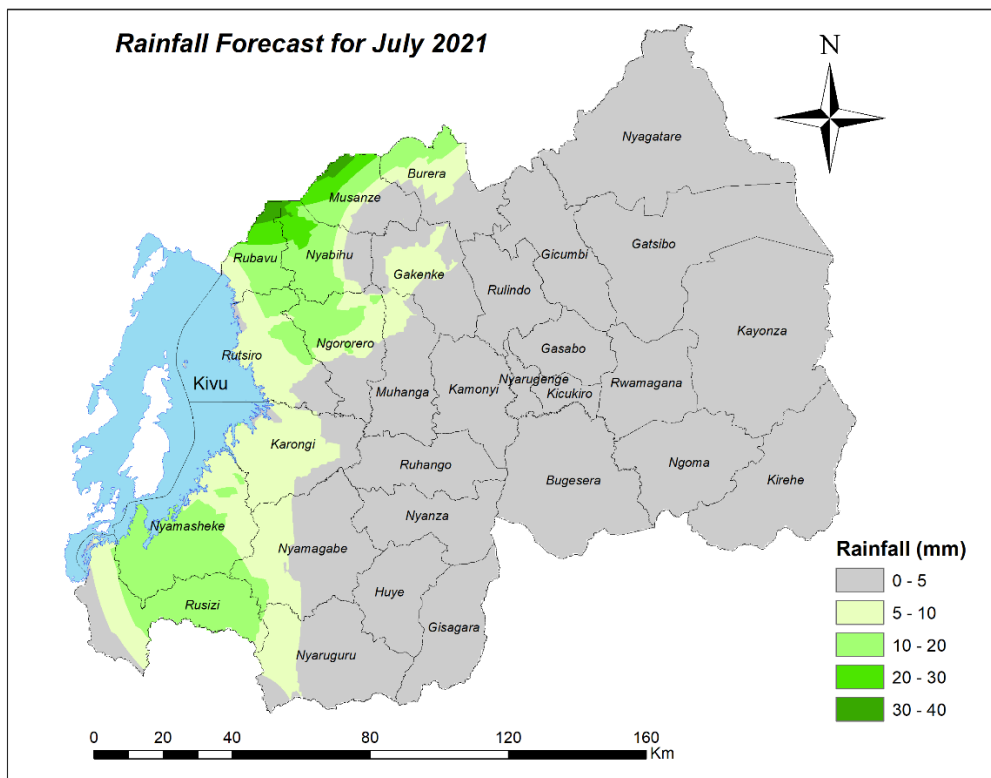
Rainfall ranging between 5 and 10 mm is expected western parts of Nyamagabe, Nyaruguru, Rutsiro and Rubavu, northern parts of Nyamasheke, central parts of Burera, Gakenke, Ngororero and Rusizi and remaining parts of Karongi district.

Rainfall ranging between 0 and 5mm is expected in Eastern province, Kigali city, in Southern Province except western parts of Nyamagabe and Nyaruguru, in Northern province in districts of Gicumbi, Rulindo, most parts of Gakenke and southern parts of Musanze and Burera, in Western Province in eastern parts of Karongi, Nyabihu and Rutsiro, southern parts of Ngororero and western parts of Rusizi district.

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



Map1. Maximum Temperature forecast distribution during the month of July 2021



Map2. Rainfall forecast distribution during the month of July 2021