



Weather Forecast for 1st to 10th January 2022

1. Forecast of rainfall

Cumulative rainfall ranging between 20 and 120 mm is expected across the country during the first ten day of January 2022. Most of forecasted rainfall is expected during the first five days of January 2022 and reducing towards the end of forecasting period. Rainy days are expected to vary between three (3) and five (5) days mostly between 1st and 5th January 2022. The expected rainfall will be above the range of long term mean for the 1st dekad of January in most parts of the country. The expected rains will result from enhanced local effects supported by moisture advection from Lake Victoria and Congo air mass.

Enhanced rainfall ranging between 100 and 120 mm is expected in Rusizi and Rubavu Districts, most parts of Rutsiro District, southern parts of Nyamasheke, western parts of Nyabihu and Northern parts of Karongi District. Moderate rainfall ranging between 80 and 100 mm is expected in remaining parts of Nyamasheke, Nyabihu, Rutsiro, central and western parts of Karongi, western parts of Ngororero, Nyamagabe, Nyaruguru, Musanze, most parts of Burera and Gakenke and north western parts of Rulindo and Gicumbi Districts. Moderate rainfall ranging between 60 and 80 mm is expected in Huye Districts, the remaining parts of Musanze, Burera, Gakenke, Ngororero, Karongi and Rulindo Districts, central parts of Nyamagabe, Nyaruguru and Nyanza Districts, northern parts of Muhanga and Gicumbi Districts, western parts of Nyagatare District and isolated parts of Kigali City. Moderate rainfall ranging between 40 and 60 mm is expected in Districts of Kamonyi, Ruhango and Rwamagana, remaining parts of Kigali City, the Districts of Gicumbi, Nyanza, Nyamagabe, Nyaruguru and Muhanga, eastern parts of Ngoma, Kayonza and Gatsibo Districts, central parts of Nyagatare District, northern parts of Gisagara District and many parts of Kirehe and Bugesera Districts. Depressed rainfall ranging between 20 and 40 mm is expected in remaining parts of Eastern Province and southern parts of Gisagara Districts.

2. Forecast of maximum temperature

The mean maximum temperature for ten days will range between 18°C and 30°C depending on the location. The highest temperature expected is in the range of 28°C and 30°C in some parts of Kigali city, most parts of Bugesera district, some parts of Ngoma district, Amayaga region and Bugarama plain. The areas expected to experience lower values of maximum temperature ranging between 18°C and 20°C include northern parts of Musanze, Rubavu and Nyabihu districts. The expected temperature is in the range of long term average across the country.

3. Forecast of wind Speed

The distribution map of wind speed forecast below indicates slightly strong wind ranging between 6m/s and 8m/s in eastern Province except Nyagatare District, many parts of Southern Province and Kigali City, Eastern parts of Northern Province, eastern parts of Rubavu and western parts of Nyabihu in Western Province. Moderate wind ranging between 4m/s and 6m/s is expected in the remaining parts of the country.

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

