



Kigali, 31st August 2022

Weather Forecast valid from 01st to 10th September 2022

1. Rainfall forecast

During the first (1st) dekad of September 2022, rainfall ranging between 0 and 100 mm is expected across the country. High amount of rainfall ranging between 80 and 100 mm is expected in Rubavu District, northern parts of Rutsiro District, western parts of Nyabihu District, small portion of western Musanze, eastern parts of Nyagatare and Gatsibo Districts while less rainfall ranging between 0 and 20 mm is expected in Ngoma and Gisagara Districts. Cumulative rainfall ranging between 60 and 80 mm is expected over most parts of Northern Province and Nyagatare District, most of northern and southern parts of Western Province and in eastern parts of Gatsibo and Kayonza Districts. Rainfall ranging between 40 and 60 mm is expected over Ngororero, western parts of Rusizi, southern parts of Rulindo, Gakenke and Gicumbi, western parts of Kigali City, Southern Province and also in some eastern parts of Gatsibo and Kayonza Districts While rainfall ranging between 20 and 40 mm expected in remaining parts of Kigali City, Southern and Eastern Provinces.

The expected rainfall will be slightly above the range of Long-Term Mean (LTM) over most of northern and western parts of the country and in the range of the LTM over the remaining parts of the country. Rainy days are expected to vary between two (2) and five (5) days; mainly on 1st, 8th and 9th September in many parts of the country and on 1st, 3rd, 4th, 8th and 9th in Northern and Western Provinces. The predicted rainfall will be associated with thunderstorms weather pattern which will result from the position of Inter-Tropical Convergence Zone (ITCZ) and the influence by the local factors.

2. Forecast of winds speed

Strong winds ranging between 8 and 10 m/s is expected over Karongi, southern parts of Rutsiro, eastern parts of Nyamasheke, northern parts of Rubavu and in central parts of Kirehe and Gatsibo Districts. Moderate wind ranging between 4 and 6 m/s is expected over the remaining parts of the country.

3. Temperature forecast

During the first dekad of September 2022, the temperature is expected to range between 20°C and 30°C across the country. Kigali City, Bugarama plain, Amayaga region, Bugesera and Ngoma Districts and eastern parts of Nyagatare, Gatsibo and Kayonza Districts and southern parts of Kirehe are expected to experience higher temperature during the dekad ranging between 28°C and 30°C. Temperature ranging between 26°C and 28°C is expected in remaining parts of Eastern Province, most parts along Lake Kivu, central parts of Rusizi District and in the districts of Southern Province except many parts eastern of Nyamagabe and Nyaruguru which are expected to record lower temperature ranging between 20 and 24°C. Again, lower temperature ranging between 20 and 24 is expected over many parts of Northern Province, Nyabihu District, eastern parts of Rubavu and Rutsiro Districts, northern parts of Ngororero and western parts of Nyamagabe and Nyaruguru Districts.

Expected impacts

Impacts associated with rainfall and winds are likely to occur and mitigation measures should be put in place.



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

