



Kigali, 10th September 2023

Weather forecast valid between 11th and 20th September 2023

- Rainfall forecast:** During the second (2nd) dekad of September 2023, rainfall ranging between 30 and 130 mm is expected across the country. The expected rainfall amount will be above the range of Long-Term Mean (LTM) in most parts of the country (The range of LTM varies between 0 and 60 mm). The rainy days are expected to vary depending on location from two (2) to seven days (7) days increasing in northwestern parts of the country. The likelihood of rainy days will be on 11th, 12th, 13th, 14th, 18th and 19th varying according to region. The predicted rainfall will be associated with thunderstorms which will result from the position of Inter-Tropical Convergence Zone (ITCZ) migrating southward towards the region where Rwanda is located and coupled systems of the local factors.

Spatial distribution of rainfall: Rainfall ranging between 110 and 130 mm is expected over most parts of Rubavu, Nyabihu, Musanze Districts, northern parts of Ngororero, Rutsiro, in western parts of Gakenke, Burera and a small part of north western Muhanga Districts. Rainfall ranging between 90 and 110 mm is expected in most parts of Nyamasheke, Karongi, Rusizi, Rutsiro, Ngororero, Nyamagabe, Nyaruguru Districts, in remaining parts of Burera, a small part of northern Gakenke, Gicumbi and Nyagatare and north western parts of Muhanga Districts. Rainfall ranging between 70 and 90 mm is expected over most parts of Gatsibo, Rwamagana, Nyagatare, Rulindo, Gicumbi Districts, Kigali City, north western parts of Kayonza, Kamonyi and eastern parts of Nyaruguru, Nyamagabe, Karongi and a small part of northern Bugesera Districts. Rainfall ranging between 50 and 70 mm is expected in most parts of Kirehe, Ngoma Districts, remaining parts of Bugesera, Kayonza, Kamonyi, Ruhango, Nyanza, Huye and Gisagara Districts. Rainfall ranging between 30 and 50 mm is expected in the eastern parts of Gisagara, Nyanza, Ruhango and southern parts of Bugesera Districts. The fully detailed information is found on the map below.

- Forecast of wind speed:** Moderate to strong wind speed ranging between 4 m/s and 15 m/s is expected across the country. Very strong wind speed between 10 and 14 m/s (red colour) is expected over most parts of Karongi, Rutsiro and a small isolated part of Rubavu and Nyamasheke Districts. Strong wind ranging between 8 and 10 m/s (umber colour) is expected in many parts of Rubavu, Rutsiro, Nyamasheke, Karongi, eastern parts of Nyabihu, a small part of northern Musanze and Rusizi, a small part of southern Kirehe Districts. Slightly strong wind speed ranging between 6 m/s and 8 m/s (yellow colour) is expected over the remaining parts of the country except in most parts of Kigali city, western parts of Bugesera, Amayaga region, Rwamagana, southern parts of Musanze, Rulindo Gicumbi and Gatsibo Districts and eastern parts of Kamonyi, Ruhango, Nyanza and where moderate wind speed ranging between 4 m/s and 6 m/s (green colour) is expected
- Temperature forecast:** During the second (2nd) dekad of September 2023, the average maximum temperature is expected to range between 19°C and 31°C which is above the mean maximum temperature of the 2nd dekad of September. Kigali city, Eastern Province, Amayaga Region, most part of Kamonyi, western part of Karongi Districts and Bugarama plain are expected to experience higher maximum temperature ranging between 28°C and 31°C. Lower mean maximum temperatures ranging



between 19°C and 22°C are expected over western and northern parts of Nyabihu and Musanze Districts and a small part of eastern of Rubavu District.

For more detailed information on spatial distribution map of rainfall, maximum temperature and wind speed, please refer to the following maps below.



