



Weather Forecast valid from 11th to 20th April 2022

- 1. Rainfall forecast:** During the second (2nd) dekad of April 2022, rainfall ranging between 20 and 120 mm is expected across the country. The amount rainfall is expected to increase in this dekad compared to the previous dekad. Cumulative rainfall ranging between 100 and 120 mm is the highest in the dekad and is expected over most parts Musanze, northern parts of Burera, western parts of Nyabihu, Ngororero, Nyaruguru, eastern parts of Rubavu, Rutsiro, Rusizi Districts and localized parts of Nyamasheke District. Cumulative rainfall ranging between 20 and 40 mm is the lowest amount expected during the (10) ten days and is expected over eastern parts of Nyagatare and Gatsibo, north eastern parts of Kayonza and southern parts of Kirehe and Bugesera Districts.

The expected rainfall is in the range of Long-Term Mean (LTM) over most parts of the country (The range of LTM varies between 30 and 100mm). Rainy days are expected to vary between four (4) and seven (7) days dropping from eastern to western parts of the country. Scattered rainfall over few parts of the country are expected between 11th and 13th while significant rainy days for most parts of the country is expected from 14th towards the end of the forecasting period. The predicted rainfall will be associated with thundery and wind storms weather patterns (particularly during the first four days) which will be resulted from the position of Inter-Tropical Convergence Zone (ITCZ) overhead the region and influence from local factors.

- 2. Forecast of winds speed:** Moderate winds ranging between 3 and 6 m/s is expected over Kigali city, Rwamagana, Gisagara, many parts of Kayonza, Bugesera, Kamonyi and Gakenke Districts, eastern parts of Gatsibo, Nyanza, Ruhango, Ngororero and Nyabihu, northern parts of Ngoma, Muhanga, southern parts of Musanze, Gicumbi and Rulindo and along Kivu Lake. Strong winds ranging between 6 and 9 m/s is expected over remaining parts of the country.
- 3. Temperature forecast:** The second dekad of April 2022, the temperature is expected to range between 18°C and 28°C. Southern parts of Kigali City and Rusizi District, Amayaga region, Bugesera District, western parts of Ngoma, south western parts of Kirehe and Rwamagana, eastern parts of Nyagatare, Kayonza and Gatsibo and some localized parts along Kivu belt are expected to experience higher temperature during the dekad ranging between 26°C and 28°C while northern parts of Northern Province, most parts of Nyabihu, eastern parts of Rubavu and Rutsiro, northern parts of Ngororero and western parts of Nyamagabe and Nyaruguru Districts are expected to experience lower temperature during the dekad ranging between 18°C and 22°C. The expected temperature will be slightly above the range of Long Term Mean of April dekad 2 (the range of LTM varies between 16°C and 27°C).

Expected impact: Impacts associated with rain, thunderstorms and winds such as flooding on road surfaces, localized agricultural in flood-prone areas, slippery roads and poor visibility during rainstorms may lead to poor movement of vehicles, landslides in areas of high slopes, blowing of non-tight roof tops, falling of leaves and small branches, and damages caused by lightning and thundery are likely to occur and mitigation measures should put in place.

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

