



Kigali, 20th September 2022

Weather Forecast valid from 21st to 30th September 2022

- 1. Rainfall forecast:** During the third (3rd) dekad of September 2022, rainfall ranging between 10 and 50 mm is expected across the country. Scattered widespread and decreased rainfall is expected during the dekad. Cumulative rainfall ranging between 40 and 50 mm is the highest expected in the dekad over Burera and Rubavu Districts, northern parts of Musanze, Rutsiro Districts, western parts of Nyabihu and Nyamasheke. The remaining parts of the Western and Northern provinces are expected to receive rainfall ranging between 30 and 40 mm except the southern parts of Rulindo, Gicumbi, Gakenke, Rusizi, eastern parts of Karongi and Ngororero Districts. Cumulative rainfall ranging between 10 and 20 mm is the lowest amount expected during the forecasting period and is expected over remaining parts of the country.

The expected rainfall will be slightly below the range of Long-Term Mean (LTM) in many parts of the country (The range of LTM varies between 10 and 70 mm). Rainy days are expected to vary between two (2) and four (4) days, from 27th to the end of the dekad. The predicted rains will result from the influence of local features and mild movement of Inter Tropical Convergence Zone (ITCZ) toward Southern Hemisphere.

- 2. Forecast of winds speed:** Strong winds speed ranging between 8 and 10 m/s is expected over few parts of Karongi while strong wind speed ranging between 6 and 8 m/s is expected in most of the remaining parts of the country except in parts of Kigali, Ngoma, Bugesera, Kamonyi, Muhanga and Gakenke Districts where moderate wind speed ranging between 4 and 6 m/s is expected.
- 3. Temperature forecast:** during the third dekad of September 2022, the average maximum temperature is expected to range between 18°C and 32°C. Bugesera District and parts of Kigali City, Amayaga region, Ngoma, Rwamagana and Rusizi Districts are expected to experience higher maximum temperature during the dekad ranging between 29°C and 32°C while remaining parts of Kigali, Eastern Province, Southern Province except Nyamagabe and Nyaruguru Districts and along lake Kivu will experience maximum temperature ranging between 27°C and 29°C. Northern parts of Nyabihu, Rubavu and Musanze along Volcano National Park and Gishwati National Forest are expected to experience lower maximum temperature during the dekad ranging between 18°C and 21°C. The expected average maximum temperature is in the range of LTM across the country.

Expected impact: Impacts associated with strong winds such as blowing off of roof tops, falling of leaves and small branches, damage caused by lightning and thunders are likely to occur; mitigation and prevention 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.

