



Kigali, 1st December 2022

Weather forecast valid from 1st to 10th December 2022

- 1. Rainfall forecast:** During the first (1st) dekad of December 2022, rainfall ranging between 15 and 75 mm is expected across the country. A reduction of rainfall will be expected in comparison with the previous dekad of November 2022. High amount of rainfall is expected to range between 60 and 75 mm and is expected over most parts of Rusizi and Nyamasheke, western parts of Nyamagabe, and Nyaruguru Districts. Rainfall ranging between 15 and 30 mm is the lowest amount of rainfall expected over most parts of Eastern Province, eastern Kigali city, eastern Nyanza and Gisagara Districts.

The expected rainfall amount will be below the range of Long-Term Mean (LTM) in many parts of Kigali city and Eastern Province and slightly above the range of LTM in southwestern parts of the country. The remaining parts of the country are expected to record near normal rainfall (The range of LTM varies between 15 and 60 mm). Rainy days are expected to vary between two days (2) and five days (5) days with more days in western compared to eastern parts of the country. Rain is expected on 1st, 4th, 5th, 6th, and 9th December 2022. The predicted rains will result from southward migration of the Inter Tropical Convergence Zone (ITCZ) supported by local factors.

- 2. Forecast of wind speed:** Moderate to slightly strong wind speed ranging between 4 and 8 m/s is expected across the country. Moderate wind speed ranging between 4 and 6 m/s (green colour) is expected over eastern, central and localized parts of western province. Slightly strong wind speed ranging between 6 and 8 m/s (yellow colour) is expected over the remaining parts of the country.
- 3. Temperature forecast:** During the first dekad of December 2022, the average maximum temperature is expected to range between 18°C and 28°C. Some parts of Kigali City, Amayaga region, Bugarama plain, Nyagatare, Kirehe, Bugesera and Ngoma Districts are expected to experience higher temperatures ranging between 26°C and 28°C. Parts of Ngororero, Rubavu, Nyabihu, Musanze and Nyungwe National Park are expected to receive lower temperatures ranging between 18°C and 20°C. The expected temperature will be below the range of Long Term Mean maximum temperature.
- 4. Impacts:** Minor impacts related to dry conditions are expected in some parts of Eastern Provinces. Farmers are advised to take advantage of forecasted rain during the first dekad of December 2022. Impacts related to strong winds such as blowing off of roof tops, falling of leaves and small branches, lightning strike may occur; therefore, mitigation and preventive measures should be put in place.

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

