



## Weather Forecast for the month of November 2022

### 1. Rainfall forecast

During the month of November 2022, the amount of rainfall ranging between 50 and 250 mm is expected across the country. The expected rainfall for November 2022 will be within the range of Long-Term Mean (LTM) over many parts of Western, Northern and Southern Provinces. Many parts of Eastern Province and few parts of Southern Province will experience below LTM rainfall in November 2022. Improvement of rainfall is expected in parts of Southern Province which had initially experienced dry conditions in past months but South Eastern parts of the country will continue to experience rainfall below LTM. The first two dekads of the month of November 2022 are expected to record rainfall within the range of LTM while below LTM rainfall is expected during the last dekad of the month of November 2022 across many parts of the country.

The spatial distribution on the map below shows higher amount of rainfall expected to range between 200 and 250 mm over parts Rusizi, Nyamasheke, Northern parts of Rubavu, Nyabihu, Burera and Musanze Districts. Rainfall ranging between 150 and 200 mm is forecasted in remaining parts of Western and Northern Provinces except southern parts of Rulindo and Gicumbi and it is also expected in parts of Nyamagabe and Nyaruguru Districts. A reduced amount of rainfall ranging between 50 and 100 mm is expected in many parts of Bugesera, Kayonza and Kirehe Districts and few parts of Kigali, Gatsibo and Amayaga region. The spatial distribution maps shows that rainfall will decrease from West to East due to influence of local feature such as forests, lakes and topography.

### 2. Wind Speed forecast

The wind speed distribution as indicated by the map below for the month of November 2022 shows that moderate to strong wind ranging between 4m/s and 10m/s is expected across the country. Many parts of the country are expected to experience a strong winds ranging between 6 and 8 m/s (yellow colour) while very strong wind ranging between 8m/s and 10m/s (amber colour) is expected in localized parts of Nyaruguru, Huye, Nyamagabe, Nyanza, Ruhango, Kamonyi and Bugesera Districts.

### 3. Temperature forecast

During the month of November 2022, the maximum temperature is expected to range between 20°C and 30°C. Parts of Kigali City, Amayaga region, Bugarama plain, Bugesera, Western parts of Ngoma and Rwamagana and some pockets of Kirehe District are expected to experience higher temperature ranging between 28°C and 30°C. Parts of Ngororero, Rutsiro, Rubavu, Nyabihu, Musanze, Burera and Gicumbi Districts are expected to receive lower temperatures ranging between 20°C and 22°C. The expected temperature will be slightly below the range of Long Term Mean maximum temperature for the month of November 2022.

### 4. Expected Impacts

Impacts associated with dry conditions are still prevalent in areas where below normal rainfall is expected while impacts of strong wind, thunderstorm and hailstorms are likely to occur in different parts of the country mostly during the first two dekads of November 2022.



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

