



*Kigali, 10<sup>th</sup> October 2022*

**Weather Forecast valid from 11<sup>th</sup> to 20<sup>th</sup> October 2022**

- 1. Rainfall forecast:** During the second (2<sup>nd</sup>) dekad of October 2022, rainfall ranging between 0 and 75 mm is expected across the country. Cumulative rainfall ranging between 60 and 75 mm is the highest expected during the dekad over many parts of Nyamasheke, Rutsiro, Rubavu, Nyabihu, Musanze and Burera Districts, Western parts of Nyamagabe and Karongi Districts, Northern parts of Rusizi and Gakenke Districts. Cumulative rainfall ranging between 0 and 15 mm is the lowest amount expected during the forecasting period and is expected in localized parts of eastern Kayonza, Kirehe, Gatsibo, Nyagatare, Nyanza, Ruhango, Bugesera and Gisagara Districts.

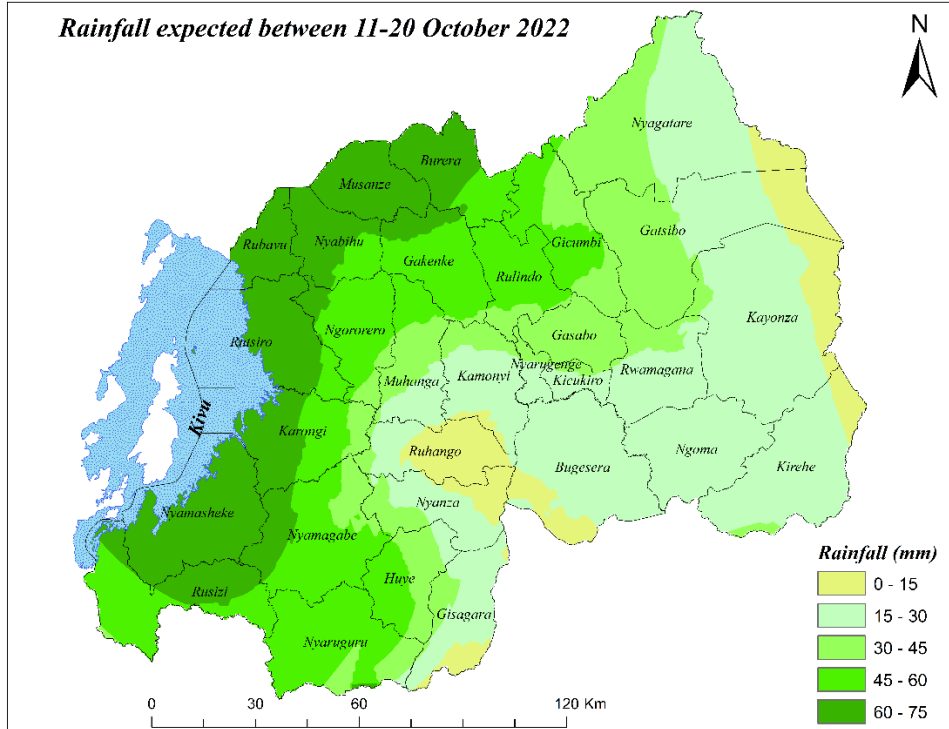
Scattered rainfall will continue to prevail in many parts of the country, especially in Kigali City, Eastern and Southern Provinces. The expected rainfall amount will be in the range of Long-Term Mean (LTM) in many parts of the country, however the spatial distribution will be slightly below LTM rainfall in many parts of Southern Province and slightly above normal rainfall in North Eastern parts of the country (The range of LTM varies between 10 and 70 mm). Rainy days are expected to vary between one (1) and five (5) days, with many days being expected in Western and Northern parts whereas Southern and Eastern parts will experience few days. The probable rainy days are 11<sup>th</sup>, 12<sup>th</sup> and from 17<sup>th</sup> towards the end of the dekad. The predicted rains will result from the influence of mesoscale systems moderated by local features.

- 2. Forecast of winds speed:** Moderate to strong wind speed ranging between 4 and 10 m/s is expected across the country. Strong wind speed ranging between 8 and 10 m/s (Orange colour) is expected in localized parts of Rubavu, Nyabihu, Rutsiro, Burera, Nyanza, Huye, Gisagara and Rusizi Districts. Moderate to slightly strong wind speed ranging between 4 and 8 m/s (green and yellow colour) is expected over the remaining parts of the country.
- 3. Temperature forecast:** During the second dekad of October 2022, the average maximum temperature is expected to range between 18°C and 30°C. Many Parts of Nyarugenge and Bugesera Districts, Western parts of Ngoma, few localized parts of eastern Nyagatare, Gatsibo and Kayonza Districts, Eastern parts of Kamonyi, Ruhango, Nyanza and Gisagara Districts and Southern parts of Rusizi District are expected to experience higher maximum temperature during the dekad ranging between 28°C and 30°C. Many parts of Ngororero, Nyabihu, Rubavu, Musanze, parts of Burera, Gicumbi, and some parts of Nyungwe National Park are expected to experience lower maximum temperature during the dekad ranging between 18°C and 21°C. The expected average maximum temperature is slightly below the range of LTM across the country.

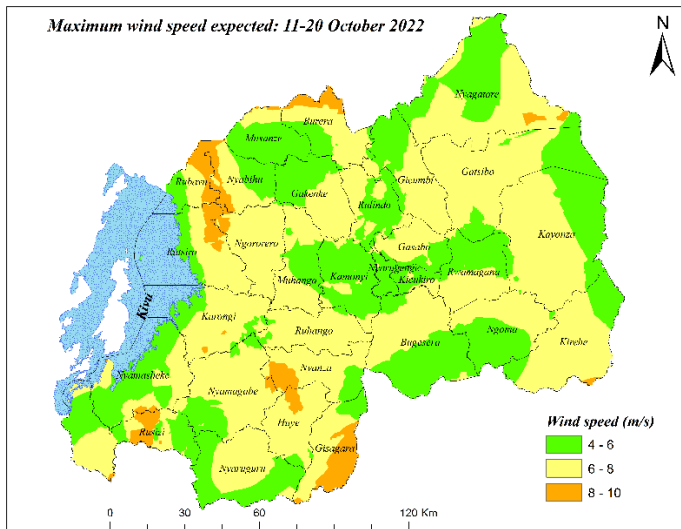
For more spatial details of rainfall distribution, maximum temperature and wind speed, please do refer to the following maps below.



Rainfall expected between 11-20 October 2022



Maximum wind speed expected: 11-20 October 2022



Mean Maximum Temperature expected: 11-20 October 2022

