



Kigali, 31<sup>st</sup> July 2022

## Weather Forecast valid from 1<sup>st</sup> to 10<sup>th</sup> August 2022

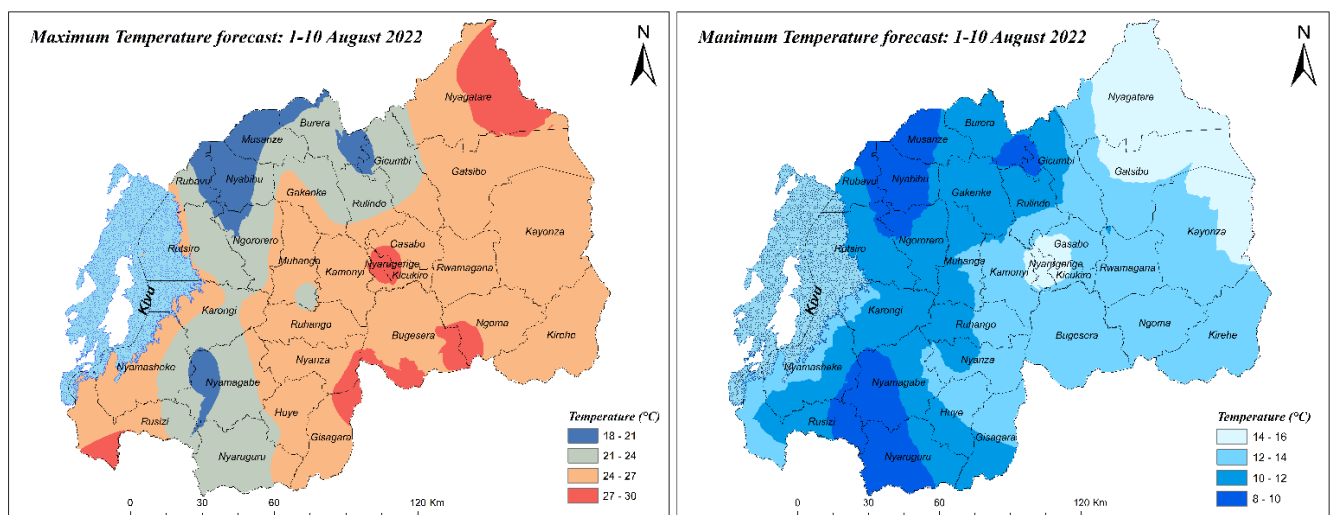
### 1. Maximum Temperature forecast

During the first (1<sup>st</sup>) dekad of August 2022, the daily maximum temperature is expected to range between 18°C and 30°C. Higher temperature is expected to range between 27°C and 30°C over localized parts of Kigali city, Amayaga region, Nyagatare, Ngoma, Bugesera and Rusizi Districts while temperature ranging between 24°C and 27°C is predicted over western parts of Rusizi, Nyamasheke, Karongi, Rutsiro and Rubavu Districts along Kivu Belt, the remaining parts of Eastern Province, Kigali City and Southern Province except many parts of Nyamagabe and Nyaruguru Districts where temperature ranging between 21°C and 24°C is expected. Many parts of Musanze, Nyabihu and eastern parts of Rubavu Districts are expected to experience lower maximum temperature during the dekad ranging between 18°C and 21°C. The expected maximum temperature will be in the range of Long Term Mean of August dekad one (1) across the country.

### 2. Minimum Temperature forecast

The night time minimum temperature of August dekad one (1) is expected to range between 08°C and 16°C. Colder nights with temperature ranging between 08°C and 10°C are expected over some parts of Rusizi, Nyamagabe, Nyaruguru, Ngororero, Nyabihu, Rubavu, Musanze, Burera and Gicumbi Districts. Most of the remaining parts of Western, Southern and Northern Provinces are expected to experience minimum temperature ranging between 10°C and 12°C. High minimum temperature ranging between 14°C and 16°C are expected over parts of Nyagatare, Gatsibo, Kayonza and Kigali city. The expected minimum temperature will be in the range of Long Term Mean of August dekad one (1) across the country.

For more spatial details of rainfall maximum and minimum temperatures, please do refer to the maps below.





### 3. Rainfall forecast

During the first (1<sup>st</sup>) dekad of August 2022, dry weather conditions with sunny intervals are expected to prevail across the country with little rainfall forecasted to range between 0 and 30 mm in first two days of the dekad. Rainfall ranging between 20 and 30 mm is expected in many parts of Nyamasheke, Rutsiro, Rubavu and Nyabihu Districts and some parts of Rusizi, Nyamagabe, Nyaruguru, Karongi, Musanze and Burera Districts. Rainfall ranging between 10 and 20 mm is expected in the remaining parts of Western and Northern Provinces, many parts of Kigali City, western parts of Nyagatare District and most part of Southern Province except Amayaga region where rainfall ranging between 0 and 10 mm is forecasted together with the remaining parts of Eastern Province.

The expected rainfall will be within the range of Long-Term Mean (LTM) across the country (The range of LTM varies between 0 and 30mm). The expected rainy days are two (2) days, on 1<sup>st</sup> and 2<sup>nd</sup> August 2022 and dry weather conditions are expected for the remaining days of the dekad.

### 4. Forecast of winds speed

Maximum wind speed is expected to range between 4 and 8 m/s during first dekad of August 2022. Moderate wind speed ranging between 4 and 6 m/s is expected over many parts of Kigali City, Southern Province, Northern Province in Rulindo, Gakenke and Musanze Districts and Western Province in the eastern parts of Karongi, Ngororero and Nyabihu. The remaining parts of the country are expected to record strong wind with a speed ranging between 6 and 8 m/s.

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

