



Kigali, 20<sup>th</sup> August 2022

**Weather Forecast valid from 21<sup>th</sup> to 31<sup>th</sup> August 2022**

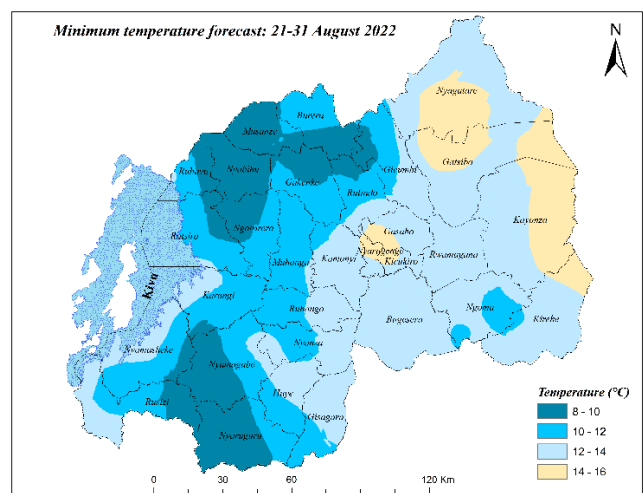
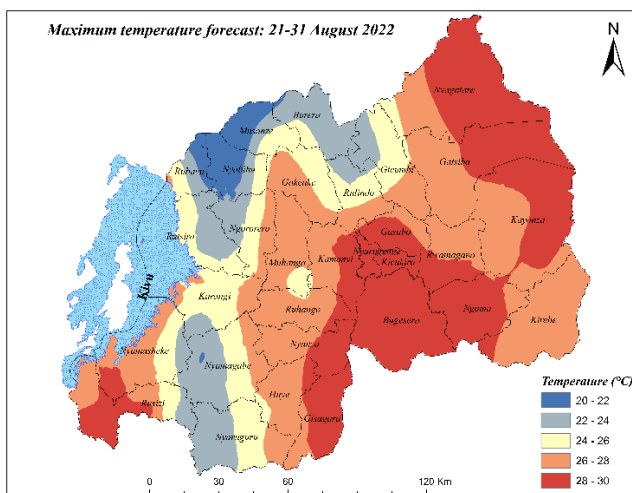
**1. Maximum Temperature forecast**

During the third (3rd) dekad of August 2022, the daily maximum temperature is expected to range between 20°C and 30°C. Higher temperature is expected to range between 28°C and 30°C over most parts of Kigali City, Bugesera, Kayonza, eastern parts of Nyagatare, Gatsibo and Kayonza Districts, central part of Rusizi District, southern part of Nyamasheke and Rwamagana and in Region of Amayaga while temperature ranging between 26°C and 28°C is predicted in the remaining parts of Eastern and Southern Provinces and in western parts of Rusizi and Nyamasheke along Lake Kivu. The north western parts of the country and most parts of Nyungwe National Park are expected to experience lower maximum temperature ranging between 20°C and 22°C during the third dekad. The expected maximum temperature will be in the range of Long Term Mean of August dekad three (3) across the country.

**2. Minimum Temperature forecast**

The night time minimum temperature for August dekad three (3) is expected to range between 08°C and 16°C. Colder nights with temperature ranging between 08°C and 10°C are expected over Nyabihu and Musanze Districts, southern parts of Burera, northern Gakenke and Rulindo Districts, western parts of Gicumbi, eastern Rubavu and Rutsiro, north western parts of Ngororero and over Nyungwe National Park. Remaining parts of Northern and Western Provinces, and most parts of Southern Province are expected to experience minimum temperature ranging between 10°C and 12°C. The highest minimum temperature ranging between 14°C and 16°C is expected in central parts of Kigali City and Nyagatare District, northern parts of Gatsibo and in most parts of Akagera National Park. The expected minimum temperature will be in the range of Long Term Mean of August dekad three (D3) 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 third (3<sup>rd</sup>) dekad of August 2022, cloudy weather conditions with probability of rain ranging between 0 and 30 mm is expected between 21<sup>st</sup> and 22<sup>nd</sup> and between 27<sup>th</sup> and 29<sup>th</sup> August 2022. The rainfall ranging between 20 and 30 mm is the highest amount expected over most parts of Rubavu, Nyabihu, Musanze, Burera, eastern and central parts of Rusizi, central part of Nyamasheke, western parts of Nyaruguru, southeastern of Nyamagabe and Nyagatare Districts and northern parts of Gicumbi. The rainfall ranging between 10 and 20 mm is expected in remaining parts of Northern and Western Provinces, many parts of Ngoma and southern parts of Kirehe District, western and central parts of Nyagatare and in Nyungwe National Park. Kigali City, remaining parts of Eastern and Southern Provinces expected to receive rainfall ranging between 5 and 10mm while rainfall below 5 mm expected over Amayaga region and most of Bugesera, some parts of eastern Kirehe, Kayonza, Gatsibo and Nyagatare Districts and western parts of Rusizi District.

The expected rainfall will be in the range of Long-Term Mean (LTM) over many parts of the country.

### 4. Forecast of winds speed

The maximum wind speed is expected to range between 4 and 10 m/s during the third dekad of August 2022. strong wind speed ranging between 8 and 10 m/s is expected over most parts of Western Province, central part of Kirehe District and over Birunga National Park. Moderate wind ranging between 4 and 6m/s is expected over Kigali City, Amayaga region and parts of Muhanga and Kamonyi Districts. Moderate wind tending to Strong wind with speed ranging between 6 and 8m/s is expected in remaining parts of the country.

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

