



Kigali, 10<sup>th</sup> August 2022

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

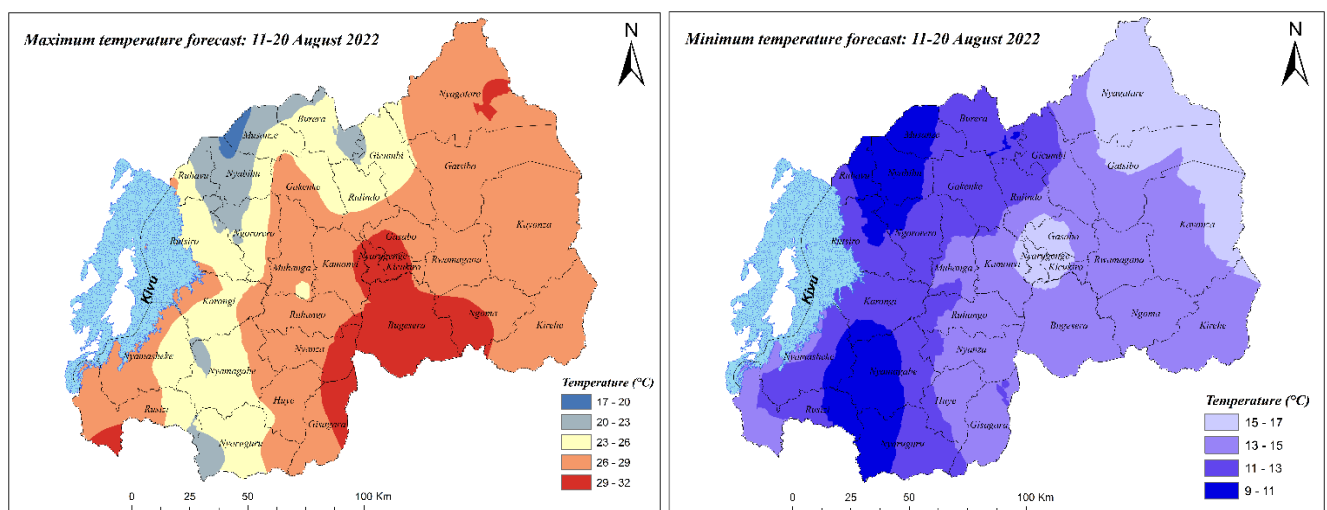
**1. Maximum Temperature forecast**

During the second (2<sup>nd</sup>) dekad of August 2022, the daily maximum temperature is expected to range between 17°C and 32°C. Higher temperature is expected to range between 29°C and 32°C in parts of Kigali city, Amayaga region, Bugarama plain, Bugesera, western Ngoma and a small portion in Nyagatare district while temperature ranging between 26°C and 29°C is predicted over western parts of Rusizi, Nyamasheke and Karongi 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 23°C and 26°C is expected. Western parts of Musanze, Nyabihu, Ngororero, North and south eastern parts of Burera, eastern parts of Rubavu districts and some localized parts of Nyamagabe and Nyaruguru are expected to experience lower maximum temperature during the dekad ranging between 17°C and 23°C. The expected maximum temperature will be in the range of Long Term Mean of August dekad two (2) across the country.

**2. Minimum Temperature forecast**

The night time minimum temperature for August dekad two (2) is expected to range between 09°C and 17°C. Colder nights with temperature ranging between 09°C and 11°C are expected over some parts of Rusizi, Nyamasheke, Nyamagabe, Nyaruguru, Ngororero, Rutsiro, Nyabihu, Rubavu and Musanze districts. Most of the remaining parts of Western and Northern Provinces including remaining parts of Nyamagabe and Nyaruguru districts are expected to experience minimum temperature ranging between 11°C and 13°C. High minimum temperature ranging between 15°C and 17°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 two (2) 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 second (2<sup>nd</sup>) dekad of August 2022, dry weather conditions with mainly sunny intervals are expected in the first five days of the dekad while cloudy weather conditions with probability of rain ranging between 0 and 40 mm is expected in the last five days of the second dekad. The rainfall ranging between 30 and 40 mm is the highest amount expected in eastern parts of Musanze, northern parts of Burera and Gicumbi and north western parts of Nyagatare Districts. The rainfall ranging between 20 and 30 mm is expected in many parts of Western Province and remaining parts of Northern Provinces, many parts of Gasabo district in Kigali City and some parts of Gatsibo and Nyagatare districts of Eastern Province. Most parts of Southern Province and remaining parts of Eastern Province and Kigali City are expected to receive rainfall ranging between 0 and 20 mm.

The expected rainfall will be slightly above the range of Long-Term Mean (LTM) in Northern parts of Gicumbi, Burera and Nyagatare Districts and within the range of LTM in the remaining parts of the country (The range of LTM varies between 0 and 30mm). The expected rainy days varies between one (1) and three (3) days, expected between 15<sup>th</sup> and 19<sup>th</sup> August 2022.

### 4. Forecast of winds speed

The maximum wind speed is expected to range between 4 and 8 m/s during the second dekad of August 2022. Moderate wind speed ranging between 4 and 6 m/s is expected over parts of Kigali City, Rwamagana, Kayonza, Ngoma, Bugesera, Gatsibo, Rulindo, Gakenke, Musanze, Nyabihu, Rubavu, Ngororero, Muhanga, Kamonyi, Ruhango, Nyanza and Gisagara Districts. 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.

