



Weather Forecast for 21st to 31st August 2021

1. Executive summary

Cloudy weather conditions with thundershowers are predicted from 21st to 24th August 2021 while few clouds and sunny intervals are expected for the rest of the month. Cumulative rainfall of 20mm and above are expected in many parts of the Kigali, Northern, Southern and Western Provinces while many parts of Eastern province are expected to receive between 10 and 20mm. Maximum temperature ranging between 28°C and 30°C will be observed in many parts of Kigali, Bugesera, Ngoma, Amayaga and Bugarama plain while minimum temperature ranging between 18°C and 20°C is expected in Birunga National Park. Light to moderate wind ranging between 2m/s and 8m/s is expected in the country during the forecasting period.

2. Forecast of rainfall

The cumulative rainfall expected during the third dekad of August 2021 will range between 0 and 50 mm across the country. As per maps below, moderate rainfall cumulated between 30 and 50 mm is expected in many parts of Western Province and northern parts of Northern Provinces. Cumulative rainfall ranging between 20 and 30mm is expected in many parts of Kigali and Southern Province, Ngoma and Rwamagana Districts, southern parts of Northern Province and some parts in western Nyagatare and Gatsibo Districts. Many parts of Eastern Province and Amayaga region in southern Province are expected to receive rainfall between 10 and 20mm but few parts in eastern parts of eastern Province are expected to receive less than 10mm. The rainfall is expected between 21st and 23rd August 2021 in Kigali city, Eastern and Southern Provinces and between 21st and 24th in Northern and Western Provinces. After this period, few clouds and sunny intervals weather conditions will prevail. The expected rainfall will be in the range of long term mean (The long term mean varies between 0 and 50mm). The expected rainfall will be associated with thunder and will result from westerly wind advecting from northern parts of Congo forest towards Rwanda. Note that this is not the start of September to December rainfall season as information concerning the seasonal forecast will be published towards the end of August 2021.

3. Forecast of maximum temperature

Moderate temperature within the range of long Term Average are expected during the third dekad of August 2021 (11th to 15th). The expected maximum temperature will range between 18°C and 30°C across the country. Higher values of maximum temperature will range between 28°C and 30°C and are expected in Bugarama plain and many parts of Kigali city, Ngoma and Bugesera districts and Amayaga region. Lower values of maximum Temperatures will range between 18°C and 20°C in higher mountains of Birunga National Park while higher value of maximum ranging between 28°C and 30°C will be experienced in parts of Kigali, Bugesera, Ngoma, Amayaga and Bugarama . More details on temperature spatial distribution are found to temperature forecast map below.

4. Forecast of wind Speed



During the month of August 2021 dekad 3, light to moderate winds ranging between 2m/s and 8m/s is expected across the country. The map below indicates spatial distribution wind speed across the country.

