



Weather Forecast for the month of August 2021

1. Executive summary

Dry weather conditions with sunny intervals are expected to dominate the month of August 2021 across the entire country. The mean maximum temperature will range between 20°C and 30°C depending on the location. The highest mean maximum temperature during the month is expected to range between 28°C and 30°C in many parts of Kigali city, Eastern Province, Amayaga region and western part of Rusizi district in Western province. Very little rainfall with cumulative amount ranging between 0 and 10 millimeters (mm) is expected across the country during the month of August 2021. Moderate to strong wind ranging between 4m/s and 12m/s is expected across the country.

2. Forecast of maximum temperature

During the month of August 2021 the country will continue to experience dry weather conditions with dominating sunny interval. The expected temperature will be in normal range of August temperature which is usually varies between 22°C and 30°C. Higher values of maximum temperature are expected in Bugarama plain located in Rusizi district, eastern parts of Gisagara, Nyanza, Ruhango and Kamonyi in southern Province, most parts of Kigali city, Bugesera, Ngoma districts, eastern parts of Nyagatare, Gatsibo and Kayonza districts. The areas expected to experience lower average maximum temperature ranging between 20°C and 22°C include northern parts of Burera and Musanze in Northern Province, eastern parts of Rubavu and Rutsiro, western parts of Nyabihu and Ngororero in Western Province, western parts of Nyamagabe and Nyaruguru in Southern Province.

3. Forecast of rainfall

Cumulative rainfall expected during August 2021 will be less than 10mm across the country which is below normal rainfall for August which normally ranges between 5 and 50 mm over most parts of the country. The light rain expected will be observed toward the end of the month. Northern parts of Rubavu, Nyabihu and Musanze districts especially in Birunga National Park are expected to receive between 5 and 10 mm while the rest of the country is expected to receive between 0 and 5 mm.

4. Forecast of wind Speed

During the month of August 2021, moderate to strong winds ranging between 4m/s and 12m/s is expected across the country. Considering the categories of winds, the range from 8 m/s to 12 m/s is considered to be strong wind, but with minimal or less impacts during dry season. The distribution map below indicates strong wind ranging between 8m/s and 12m/s which is expected in many parts of Western Province within Congo Nile Divide. Moderate wind ranging between 6m/s and 8m/s will dominate the Eastern Province in the districts of Nyagatare, Gatsibo, Kirehe and Kayonza, Southern Province in the districts of Nyamagabe, Nyaruguru, Huye, Gisagara districts and western parts of Nyanza, Ruhango, and Northern Province in Gicumbi, Rulindo and Burera districts.



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

