



Weather Forecast for the month of December 2021

1. Executive summary

During the month of December 2021, light to moderate rainfall ranging between 50 and 250 mm is expected across the country. Western, Northern and Southern Provinces are expected to receive much rainfall while less rainfall is expected especially over Akagera National Park, parts of eastern Kirehe and central parts of Bugesera districts. Expected rainfall in December 2021 will be in the range of Long Term Mean. Moderate to strong wind ranging between 4 and 10 m/s is expected across the country and expected temperature will range between 18 °C and 30 °C.

1. Forecast of rainfall

Rainfall ranging between 225 and 250 mm is expected over Nyungwe and Birunga National Parks and over northern parts of Rubavu district. Rainfall ranging between 200 and 225 mm is expected over most parts of Western Province, western parts of Nyamagabe, Nyaruguru, northern parts of Musanze and Burera districts while central parts of Western Province plus eastern Nyabihu, central parts of Musanze, Nyamagabe and Nyaruguru are expected to receive rainfall ranging between 175 and 200 mm.

Rainfall ranging between 150 and 175 mm is expected over eastern parts of Nyamagabe, Nyaruguru, Karongi, Ngororero, Nyabihu, most of Muhanga and Gakenke districts, northern parts of Rulindo, Gicumbi and in some localized parts of western Nyagatare and Ruhango. Rainfall ranging between 125 and 150 mm is expected over western parts of Nyanza and Huye districts, eastern Nyaruguru and Muhanga, central parts of Ruhango and Gicumbi, northern Kamonyi, southern parts of Rulindo, central parts of Gicumbi, northeastern Gatsibo and a small part of western Nyagatare towards the central. Most parts of Kigali city and Rwamagana district, Amayaga region, central parts of Ngoma and Nyagatare, southern Gicumbi and a small part of northwestern Gatsibo are expected to receive rainfall ranging between 100 and 125 mm.

Rainfall ranging between 50 and 75 mm is expected over most of Akagera National Park, eastern parts of Kirehe district and central parts of Bugesera while the rest of Eastern Province, Gisagara and Nyarugenge districts are expected to receive rainfall ranging between 75 and 100 mm.

2. Forecast of wind Speed

During the month of December 2021, moderate to strong winds ranging between 4m/s and 10m/s is expected across the country. Strong wind ranging between 8 and 10 m/s is expected over eastern parts of Nyagatare, Gatsibo, Kicukiro, Karongi, Rubavu and Rutsiro; southern parts of Kirehe, Ngoma, Bugesera, Ngororero and Muhanga; central parts of Bugesera, Kamonyi, Rusizi and western parts of Nyanza, Nyabihu, Rulindo.

3. Forecast of maximum temperature

During the month of December 2021, the temperature is expected to range between 18° C and 30° C. Eastern Province, Kigali City, Amayaga and Rusizi district are expected to receive higher temperature ranging



between 26 °C and 30 °C while most of Northern Province, north-western parts of Western Province and parts of Nyungwe National Park are expected to receive lower temperature ranging between 18°C and 22 °C.

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

