



Weather Forecast for the month of September 2021

1. Executive summary

Light to moderate rainfall ranging between 50 and 200 mm is expected across the country during the month of September 2021. Parts of Southern Province located near Nyungwe National Park, most parts of Western and Northern Provinces are expected to receive enhanced rainfall compared to other parts of the country. Enhanced rainfall is expected in the 2nd and 3rd dekads of the months. Expected rainfall will be in the range of Long Term Mean. Moderate to strong wind ranging between 4 and 12 m/s is expected across the country with medium impacts in areas of Western Province and northeastern whereas southeastern parts of Eastern Province strong wind is expected. Temperature is expected to reduce countrywide due to expected wet conditions. Expected temperature will range between 18 and 30 °C.

1. Forecast of rainfall

During the month of September 2021, wet weather conditions are expected over most parts of the country especially during second and third dekad September 2021 (from 11th to 20th) and (21st to 30th). Cumulative rainfall expected during September 2021 will vary between 50 and 250 mm which is in the range long term mean. Rainfall ranging between 175 and 200 mm is expected in most parts of Rubavu, western part of Nyabihu, a small part of northern Nyamasheke and some parts of Virunga National Park while rainfall ranging between 150 and 175mm is expected over southwestern parts of Nyungwe National Park and over northwestern parts including northern Burera district. Rainfall ranging between 125 and 150 mm is expected over the rest of western Province, central parts of Gakenke, western Rulindo, northern Gicumbi and southwestern parts of Nyagatare district.

Rainfall ranging between 100 and 125 mm is expected over remaining parts of Northern Province and southern parts of Ngororero district, northern parts of Eastern Province and Southern Province, eastern Nyamagabe, central Nyaruguru, northern parts of Nyarugenge and Gasabo whereas rainfall ranging between 75 and 100 is expected in the remaining parts of Southern Province except areas of Amayaga, most of southern parts of Kigali City and Eastern Province. The rainfall ranging between 50 and 75 is expected in most parts of Bugesera district, western parts of Rwamagana and Ngoma, eastern parts of Kicukiro and Kirehe and southeastern Kayonza.

2. Forecast of wind Speed

During the month of September 2021, moderate to strong winds ranging between 4m/s and 12m/s is expected across the country. Considering the wind distribution, but with medium impacts during rainy season. Western Province and some parts of northern and southern parts of Eastern Province are expected to receive strong wind with medium impacts while the rest of the country is expected to observe moderate wind with low impacts.

3. Forecast of maximum temperature



During the month of September 2021, the temperature is expected to reduce compared to the previous months over many parts of the country. Expected Temperature will range between 18°C and 30°C. Northern Province, most of Western Province and parts of Nyungwe National Park is expected to observe lower temperature than the rest of the country whereas eastern parts of eastern Province, Amayaga areas, western parts of Kigali City and south western parts of western province are expected to receive higher temperature.

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





