



Weather Forecast for 21st to 30th November 2021

1. Executive summary

Light to moderate rainfall ranging between 20mm and 100mm is expected countrywide from 21st to 30th November 2021 in most parts of the country. Enhanced rainfall is expected in the northern and southern parts of Western Province and moderate rainfall is expected in remaining parts of Western province and in few parts of Southern and Northern Provinces. Light rainfall is expected in most parts of Eastern Province and in few parts of Southern Province. Expected rainfall will be associated with moderate to strong wind with the speed ranging between 4m/s and 10m/s is expected in Countrywide. Mean maximum temperature for ten days will range between 18°C and 30°C depending on the location. The highest temperature expected is in the range of 28°C and 30°C in some parts of Eastern Province, Kigali City, some parts of Amayaga and Bugarama plain.

Depressed rainfall will be observed in most parts of Kayonza district and in few parts of northern Kirehe district and it is likely to observe increased temperature in those two districts. **Meteo Rwanda recommends the Agriculture sector to put in place irrigation system to facilitate farmers in those districts.**

2. Forecast of rainfall

Cumulative rainfall ranging between 20 and 100 mm is expected across the country during the third dekad of November 2021. Moderate to slightly enhanced rainfall ranging between 80 and 100 mm is expected in most parts of Rubavu, Rutsiro and in central parts of Nyamasheke and Rusizi districts while remaining parts of Western Province are expected to receive rainfall ranging between 60 and 80 mm. Rainfall ranging between 60 and 80 mm is also expected in many parts of Musanze, Burera, Gakenke, Nyaruguru and some parts of Nyamagabe, Huye, Rulindo, Muhanga, Gicumbi and Nyagatare. Districts mentioned above are expected to record above Long Term Mean rainfall of the dekad.

Light rainfall which is also below LTM range during dekad three rainfall which is expected in some parts of Eastern Province and Amayaga area which include eastern parts of Kayonza, north western parts of Nyagatare and Kirehe expected to receive rainfall ranging between 20 and 30 mm. Remaining parts of Kayonza and Kirehe and some parts of Ngoma, Bugesera, Gatsibo, Nyagatare, Rwamagana, Gicumbi, Ruhango, Nyanza and Kamonyi districts are expected to receive rainfall between 30 and 40 mm. Moderate and LTM rainfall ranging between 40 and 60 mm is expected in the remaining parts of the district.

The expected rainfall will be evenly distributed along the dekad with rainy days ranging between 3 and 7 days according to the area. The rainfall will be associated with thunderstorms and will result from overhead position of Inter Tropical Convergence Zone (ITCZ) within the region, which is supported by enhanced local effects.

3. Forecast of wind Speed



During the third dekad of November 2021 strong wind ranging between 8m/s and 10m/s is expected over eastern parts of Nyagatare, few parts of Kayonza, Kirehe, Bugesera, Kamonyi, Muhanga, Ruhango, Gisagara, Ngororero, Karongi, Nyamasheke and Rusizi while moderate wind is expected over the rest of the country.

4. Forecast of maximum temperature

The expected maximum temperature during second dekad of November will range between 18°C and 30°C across the country. Higher values will range between 28°C and 30°C in many parts of Eastern Province, Kigali City, Kamonyi and Nyanza and Bugarama plain. The areas expected to experience lower values of maximum temperature ranging between 18°C and 20°C which include northern parts of Musanze and Nyabihu districts. The expected temperature is slightly in the range of long term average across the country.

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



