



Weather Forecast from 11th to 20th January 2022

1. Forecast of rainfall

Cumulative rainfall ranging between 20 and 80 mm is expected across the country during the second dekad of January 2022. Most of forecasted rainfall is expected during the last five days of the forecasting period. Rainy days are expected to vary between three (3) and five (5) days between 14th and 20th January 2022. The expected rains will be in the range of long term mean for the 2nd dekad of January over most parts of the country. The expected rains will result from enhanced local effects supported by the southward migration of Inter Tropical Convergence Zone (ITCZ).

Moderate rainfall ranging between 70 and 80 mm is expected in south western parts of the country, in the district of Rusizi, most parts of Nyaruguru and southern parts of Nyamasheke, Nyamagabe and Gisagara districts. Moderate rainfall ranging between 60 and 70 mm is expected in remaining parts of Nyamasheke, central parts of Nyamagabe and Gisagara, southern part of Huye and north and eastern parts of Burera District. Moderate rainfall ranging between 50 and 60 mm is expected in most parts of southern parts of Karongi and Ruhango districts, northern parts of Muhanga, Rubavu, Nyabihu, Musanze and Kamonyi districts, western parts of Nyanza and Rutsiro districts, eastern part of Ngororero District and remaining parts of Nyamagabe, Huye, Gisagara and Burera districts. Moderate rainfall ranging between 40 and 50 mm is expected most parts of Gasabo, Nyarugenge, Bugesera, Ngoma, Kirehe and Rwamagana districts, west and northern parts of Kayonza, southern parts of Nyagatare and remaining parts of the districts of Nyanza, Muhanga, Ruhango, Kamonyi, Karongi, Rutsiro, Ngororero, Rubavu, Nyabihu and Musanze districts. Depressed rainfall ranging between 30 and 40 mm is expected in most parts of Kicukiro district, remaining parts of Kayonza district and central part towards north of Nyagatare district. depressed rainfall ranging between 20 and 30 mm is expected in northern parts of Nyagatare district.

2. Forecast of maximum temperature

The maximum temperature for the coming ten days is expected to increase compared to previous days and will range between 20°C and 32°C depending on the location. The increase will be within the first five days of this forecasting period and will be in the range of Long-Term Mean of the second dekad of January. The highest temperature will range between 30°C and 32°C in some parts of Nyarugenge district and Amayaga region, localized parts of Bugesera district and Bugarama plain while many parts of Eastern Province, remaining parts of Kigali City and eastern parts of Southern Province are expected to record temperature between 28°C and 30°C. The areas expected to experience lower values of maximum temperature ranging between 20°C and 22°C include northern parts of Burera, north and western parts of Musanze, Nyabihu and Ngororero districts and eastern parts of Rubavu and Rutsiro districts.

3. Forecast of wind Speed

The distribution map of wind speed forecast below indicates strong winds ranging between 8m/s and 10m/s in isolated parts of Rubavu, Rutsiro, Nyabihu, Burera and Kirehe districts. Slight strong winds ranging between 6 m/s and 8 m/s are expected in many parts of Southern Province and Kigali City, north western parts of the country and some parts of Eastern Province. Moderate wind ranging between 4m/s and 6m/s is expected in the remaining parts of the country.



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

