



Weather Forecast for 21st to 28th February 2022

1. Forecast of rainfall

A slightly reduction of rainfall compared to second dekad of February 2022 is expected during the third dekad of February 2022 (21st to 28th). Some parts of the country will continue to experience enhanced rainfall and it will be above the Long Term Mean rainfall of the third dekad of February across the country. Rainfall ranging between 40 and 160 mm is expected across the country during the third dekad of February 2022 while its Long Term Mean ranges between 10 and 50 mm. Western and Southern Provinces are expected to receive enhanced amount of rainfall compared to other parts of the country while reduced rainfall in many parts of Nyagatare. Rainy days are expected to vary between two (2) and five (5) mostly between 24th and 28th February 2022. Expected rainfall will result from the influence of tropical depression located in southern parts of Indian Ocean dragging deep cold moisture from Congo air mass and depositing it over the region where Rwanda is located.

Advisory: Due to accumulated rain during previous dekads, the predicted rain may cause risks such as flood, landslides among others. Expected strong wind may lead to risks such as blowing off roofs tops and damaging crops. Quick mitigation measures on related disaster management and mitigation activities should be put in place by relevant authorities. Farmers and relevant agriculture institutions can continue activities for the growing season 2022B with mitigation practices against impacts of heavy rains.

Rainfall Distribution

Enhanced accumulated rainfall ranging between 120 and 160 mm is expected in Western and Southern provinces except in Nyabihu District, Northern parts of Rubavu and Eastern parts of Kamonyi District. Moderate rainfall ranging between 80 and 120 mm is expected over Kigali city, Northern Province except eastern parts of Musanze, over Nyabihu, Bugesera, Ngoma and Kirehe Districts, remaining parts of Rubavu and Kamonyi Districts, over southern parts of Rwamagana and Kayonza districts and over few parts located in western parts of Nyagatare and Gatsibo Districts. Moderate rainfall ranging between 40 and 80 mm is expected over remaining parts of Musanze, Nyagatare, Gatsibo, Rwamagana and Kayonza Districts.

2. Forecast of wind Speed

Moderate to slightly strong winds ranging between 4m/s and 8m/s is expected across the country. Moderate wind ranging between 4 and 6 m/s is expected over Kigali city, Rwamagana, Ngoma, Rutsiro, over eastern parts of Nyagatare, Bugesera, Gatsibo, Kamonyi and Nyamasheke Districts, over western parts of Karongi and Kirehe Districts and over southern parts of Rubavu, and Rulindo Districts. Moderate to slightly strong wind speed ranging between 6m/s and 8m/s is expected in the remaining parts of the country.

3. Forecast of maximum temperature

During the third dekad of February 2022, the temperature is expected to range between 18°C and 28°C. Eastern Province, Kigali City, Southern Province except Nyamagabe and Nyaruguru Districts and many parts of Rusizi District and southern parts of Northern Province are expected to experience higher temperature ranging



between 24°C and 28°C while remaining parts of Northern, Southern and Western Provinces are expected to get temperature ranging between 18°C and 24°C. The expected temperature will be below the range of Long Term Mean for February dekad 3.

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

