



Weather Forecast for 11th to 20th March 2022

1. Forecast of rainfall

The second dekad of March 2022 (11th to 20th), Rainfall ranging between 15 and 105 mm is expected across the country which is in the range of Long-Term Mean (LTM); Eastern Province will be slightly above the range of Long Term Mean whereas the remaining parts of the country will vary between 20 and 70 mm which is in the range of LTM. Most parts of Rusizi District, western parts of Nyaruguru and Karongi Districts and south western parts of Nyamagabe and Rutsiro Districts are expected to receive high amount of rainfall compared to other parts of the country (ranging between 90 and 105 mm) while depressed rainfall (ranging between 15 and 30 mm) is expected in northern parts of Nyagatare, eastern parts of Kayonza and north eastern parts of Kirehe District. Rainy days are expected to vary between three (3) and six (6) days mostly between 13th and 20th March 2022 in Western, Southern and Northern Provinces, on 14th and between 16th and 20th March 2022 in Kigali City and Eastern Province. The predicted rainfall will be associated with thundery and wind storms weather pattern which will result from northward movement of Inter-Tropical Convergence Zone (ICTZ), moderated by local physical features.

Advisory: Impacts associated with rain, thunderstorms and strong wind are likely to occur and mitigation measures should continue. Farmers and other institutions are advised to actively continue their socio-economic activities.

Rainfall Distribution

Enhanced rainfall ranging between 75 and 105 mm is expected in Rusizi, Nyamasheke, Karongi, Rutsiro, western parts of Ngororero, Nyaruguru, Nyamagabe, northern parts of Rubavu, Nyabihu, Musanze and localized parts of Burera Districts. Moderate rainfall ranging between 45 and 75 mm is expected over the remaining parts of Northern, Southern and Western Province, over most parts of Kigali city, southern parts of Kirehe, Ngoma western parts of Nyagatare and Gatsibo Districts. Rainfall ranging between 15 and 45 mm is expected over remaining parts of Eastern Province and Kigali City.

2. Forecast of wind Speed

Strong winds ranging between 8 and 12 m/s is expected over many parts of Gatsibo, Gisagara, Bugesera, Rusizi, Nyaruguru, Nyanza Districts and some parts Kayonza, Kirehe, Ngoma, Nyagatare, Kamonyi, Ruhango, Huye, Gicumbi, Nyamasheke, Nyabihu and Ngororero Districts. Slightly strong winds ranging between 6 and 8 m/s is expected over most of the remaining parts of the country. Moderate winds of the speed ranging between 4m/s and 6m/s is except over many parts of Gakenke and Musanze Districts, over Nyungwe National Park and over some localized parts of Nyagatare, Gatsibo, Gasabo, Rulindo, Rubavu and Rwamagana Districts.

3. Forecast of maximum temperature

During the second dekad of March 2022, the temperature is expected to range between 18°C and 30°C. Eastern parts of Southern Province, Kigali City, Bugarama plain and Eastern Province except are expected to experience higher temperature ranging between 27°C and 30°C while northern parts of Northern Province,



north western parts of Western Province, western parts of Nyagatare and Gatsibo Districts and Nyungwe National Park are expected to experience lower temperature ranging between 18°C and 24°C. The expected temperature will be in the range of Long Term Mean of March dekad 2.

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

