



## **Weather Forecast for 11<sup>th</sup> to 20<sup>th</sup> February 2022**

### **1. Forecast of rainfall**

During the second dekad of February 2022 (11<sup>th</sup> to 20<sup>th</sup>), many parts of the country will continue to experience enhanced rainfall which is expected to be above the Long Term Mean of the second dekad of February across the country. Rainfall ranging between 50 and 200 mm is expected across the country during the second dekad of February 2022 while its Long Term Mean ranges between 10 and 70 mm. Many parts of Western and Southern Provinces, including some parts of Kigali, Rulindo, Ngoma and Rwamagana districts are expected to receive enhanced amount of rainfall while reduced rainfall is expected in some parts of Nyagatare, Gatsibo and Kayonza districts. Rainy days are expected to vary between four (4) and eight (8) in the period of ten days which will be evenly distributed across the dekad. 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 the two previous dekad, the predicted enhanced rainfall is likely to experience risks of flooding, landslides among others. Expected strong wind may also lead to risks such as blowing off roofs and damaging crops. Quick mitigation measures for related disaster management and mitigation activities should be put in place by relevant authorities. Farmers and relevant agriculture institutions can benefit from these continuous rains for finalizing land preparation activities for the season 2022B.

### **Rainfall Distribution**

Enhanced accumulated rainfall ranging between 150 and 200 mm in ten days is expected in most parts of Rusizi, Nyamasheke, Karongi, Rutsiro, Nyamagabe, Nyaruguru, Gisagara, Huye, Nyanza, Ruhango, Ngoma and some parts of Rubavu, Muhanga, Kigali, Rwamagana and Rulindo districts. Enhanced rainfall ranging between 100 and 150 mm is expected over Nyabihu, Kamonyi, Bugesera, Kirehe and Gicumbi districts, over remaining parts of Rubavu, Muhanga, Kigali, Rwamagana and Rulindo districts, southern parts of Gakenke, Burera and Kayonza district and western part of Gatsibo and Nyagatare districts. Moderate rainfall ranging between 50 and 100 mm is expected over Musanze district and over remaining parts of Gakenke, Burera, Nyagatare, Gatsibo and Kayonza districts.

### **2. Forecast of wind Speed**

The wind speed distribution shown on the map below for the second dekad of February 2022, indicates that moderate to strong winds ranging between 4m/s and 10m/s is expected across the country. Strong wind ranging between 8 and 10 m/s is expected over Akagera National Park, Virunga National Park, over some parts of Ruhango, Kamonyi, Gisagara and Rusizi districts. Moderate to slightly strong wind speed ranging between 4m/s and 8m/s is expected in the remaining parts of the country.

### **3. Forecast of maximum temperature**

During the second dekad of February 2022, the temperature is expected to range between 18°C and 30°C. Most parts of Eastern Province, Kigali City, Amayaga region and Bugarama plain are expected to experience



higher temperature ranging between 26°C and 30°C while most parts of Northern, Southern and Western Provinces the temperature is expected to range between 18°C and 26°C. The expected temperature will be in the range of Long Term Mean for February dekad 2

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

