



## **Weather Forecast for 1<sup>st</sup> to 10<sup>th</sup> February 2022**

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

Rainfall ranging between 50 and 200 mm is expected from 1<sup>st</sup> to 10<sup>th</sup> February 2022, across the country. Rusizi, Nyamasheke, Nyamagabe, Nyaruguru, Huye and Gisagara districts, including southern parts of Karongi, Bugesera, Ngoma and Kirehe districts are expected to receive enhanced amount of rainfall while reduced rainfall is expected in some parts of Nyagatare, Gatsibo and Kayonza districts. Expected rainfall in the first dekad of February 2022 will be above the range of Long Term Mean (LTM) across the country. Rainfall will result from the tropical depression located in southern parts of Indian Ocean dragging deep cold moisture from Congo air mass, depositing it over the region where Rwanda is located.

**Advisory:** Due to accumulated rainfall in the previous dekad, the enhanced rains in south western and south eastern parts of the country are likely to experience risks of flooding, landslides among others. Quick mitigation measures should be put in place by relevant authorities to avert related losses and damages. Farmer's actively involved in Post-harvest activities are advised to consider prevailing weather conditions.

Enhanced rainfall ranging between 150 and 200 mm accumulated in ten days is expected in most parts of Rusizi, Nyamasheke, Nyamagabe, Nyaruguru, Gisagara and Huye districts and in southern parts of Karongi, Bugesera, Ngoma and Kirehe districts. Enhanced rainfall ranging between 125 and 150 mm is expected over Rutsiro, Nyanza, Ruhango, and Rulindo districts, over remaining parts of Karongi, Kirehe and Bugesera districts, central parts of Ngoma district, southern part of Rubavu, Muhanga, Kamonyi and Burera and western part of Kigali city, Ngororero, Nyabihu and Gicumbi districts. Moderate rainfall ranging between 100 and 125 mm is expected over central parts of Nyabihu, Ngororero, Muhanga, and Burera districts, eastern parts of Gakenke, southern parts of Kayonza and over most remaining parts of Kigali city, Rubavu, Kamonyi, Gicumbi and Ngoma districts. Rainfall ranging between 75 and 100 mm is expected over Rwamagana and Musanze districts, western parts of Nyagatare and Gatsibo, central parts of Kayonza and over remaining parts of Nyabihu, Ngororero, Gakenke and Burera districts. Rainfall ranging between 50 and 75 mm is expected over remaining parts of Nyagatare, Gatsibo and Kayonza districts.

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

The wind speed distribution shown on the map below for the first dekad of February 2022, indicates moderate to slightly strong winds ranging between 4m/s and 8m/s is expected across the country. Slightly strong wind ranging between 6 and 8 m/s is expected over most parts of Ruhango, Nyanza, Gisagara, Huye, Bugesera, Kayonza, Gicumbi, Burera, Musanze, Rubavu, Ngororero and Rusizi districts. Moderate wind speed ranging between 4m/s and 6m/s is expected in the remaining parts.

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

During the month of February 2022 dekad 1, 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 temperature are expected to range between 18°C and 26°C. The expected temperature will be in the range of Long Term Mean for February dekad 1.

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

