



## **Weather Forecast for the month of February 2022**

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

During the month of February 2022, rainfall ranging between 0 and 250 mm is expected across the country. South western part of the country is expected to receive increased amount of rainfall while reduced rainfall is expected in many parts of Nyagatare districts. Expected rainfall in February 2022 will be above the range of Long Term Mean (LTM) in south and western parts and in the range of LTM in the remaining parts of the country. Rainfall will result from the moisture that will be advected from southern part of Indian Ocean near the coastal Africa.

Rainfall ranging between 200 and 250 mm is expected in most parts of Rusizi and Nyaruguru districts, southern parts of Nyamasheke, Nyamagabe, Huye and Gisagara districts. Rainfall ranging between 150 and 200 mm is expected over remaining parts of Nyamasheke and Nyamagabe districts, central parts of Huye and Gisagara districts, most parts of Karongi, Gakenke and Rutsiro districts, western parts of Ngororero and Gicumbi, northern parts of Rulindo and southern parts of Burera districts. Rainfall ranging between 100 and 150 mm is expected over Nyabihu, Rubavu, Musanze, Muhanga, Ruhango, Nyanza and Kirehe districts, most parts of Kamonyi, southern parts of Ngoma and Bugesera districts and over remaining parts of Gisagara, Huye, Karongi, Ngororero, Gakenke, Gicumbi, Rulindo and Burera districts. Rainfall ranging between 50 and 100 mm is expected over Kigali city, Rwamagana, Kayonza and Gatsibo districts, western and south eastern parts of Nyagatare and over remaining parts of Ngoma, Bugesera and Kamonyi districts. Rainfall ranging between 0 and 50 mm is expected over remaining parts of Nyagatare district.

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

As per the wind speed distribution map below, during February 2022, 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 many parts of Kayonza, Kirehe, Musanze, Rusizi and Gisagara districts and over scatted parts of Nyagatare, Gatsibo, Burera, Rubavu, Ruhango, Nyanza and Karongi districts. Most of remaining parts will receive slightly strong wind ranging between 6 and 8 m/s except areas along lake Kivu, Nyungwe National Park and some areas of Kigali city expected to have moderate wind ranging between 4m/s and 6m/s.

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

During the month of February 2022, the temperature is expected to range between 18° C and 30° C. Eastern and Southern Provinces, Kigali City and Rusizi district are expected to receive higher temperature ranging between 26°C and 30°C while most of Northern Province, north-western parts of Western Province and parts of Nyungwe National Park are expected to receive temperature ranging between 18°C and 26°C. The expected temperature is in the range of Long Term Mean during February

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

