



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

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

During the month of January 2022, rainfall ranging between 50 and 200 mm is expected across the country. South western parts of the country is expected to receive increased amount of rainfall while reduced rainfall is expected in most parts of Nyagatare and localized parts of Gatsibo Districts. Expected rainfall in January 2022 will be in the range of Long Term Mean (LTM). Most of rainfall is expected within the first 15 days of January and reducing towards the end of the month.

Rainfall ranging between 175 and 200 mm is expected in most parts of Rusizi and Nyaruguru Districts, southern parts of Nyamasheke and Nyamagabe Districts and western parts of Rutsiro District. Rainfall ranging between 150 and 175 mm is expected over remaining parts of Nyamasheke, Nyaruguru and Rutsiro Districts, central parts of Nyamagabe and Gakenke Districts, western parts Karongi, Ngororero and Rubavu Districts and southern parts of Gisagara, western Huye and southern Burera Districts. Rainfall ranging between 125 and 150 mm is expected over remaining parts of Gisagara, Nyamagabe, Huye, Karongi, Ngororero, Rubavu, Gakenke and Burera Districts, northern parts of Musanze, Gicumbi, Rulindo and Kamonyi Districts, western parts of Nyanza, Ruhango and Nyabihu District, over most parts of Muhanga District and southern part of Kirehe District. Rainfall ranging between 100 and 125 mm is expected over Nyarugenge District, remaining parts of Nyanza, Ruhango, Muhanga, Kamonyi, Nyabihu, Musanze, Rulindo and Gicumbi, western parts of Nyagatare, Gatsibo, Gasabo and Bugesera and southern parts of Ngoma, Kirehe and Bugesera. Rainfall ranging between 75 and 100 mm is expected over Kayonza, Rwamagana and Kicukiro Districts, central parts toward west of Nyagatare, west and eastern parts of Gatsibo and remaining parts of Gasabo, Bugesera, Ngoma and Kirehe Districts. Rainfall ranging between 50 and 75 mm is expected over remaining parts of Nyagatare, Gatsibo and small portion in northern Bugesera Districts.

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

As per the wind speed distribution map below, during January 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 scatted parts of Nyagatare, Gatsibo, Kayonza, Gicumbi, Karongi, Rubavu, Rutsiro, Ngoma, Ngororero, Muhanga, Bugesera, Rusizi, Nyanza, Nyabihu, Rulindo and Kamonyi. Most of remaining parts will receive wind speed ranging between 6 and 8 m/s.

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

During the month of January 2022, the temperature is expected to range between 18° C and 30° C. Eastern Province, Kigali City, Amayaga 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 lower temperature ranging between 18° C and 26° C. The expected temperature is in normal range of January temperatures.

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

