



Kigali, 20<sup>th</sup> June 2023

**Weather forecast valid from 21<sup>st</sup> to 30<sup>th</sup> June 2023**

**1. Rainfall forecast:** During the third (3<sup>rd</sup>) dekad of June 2023, rainfall ranging between 0 and 45 mm is expected across the country. Dry conditions will be experienced over many parts of the country, receive less than 5 mm of rainfall in 10 days. The expected rainfall amount will be in the range of Long-Term Mean (LTM) across many parts of the country (The range of LTM varies between 0 and 40 mm). Rainy days are expected to vary according to the area from zero to one (1) day in many parts of the country and one (1) to three (3) days in northwestern parts of the country. Likelihood of rainy days will be on 21<sup>st</sup>, 22<sup>nd</sup>, 28<sup>th</sup> and 29<sup>th</sup> varying according to region. The main factors influencing the rain are the local features such as topography, forest and lakes.

**Spatial distribution of rainfall:** Rainfall ranging between 30 and 45 mm is expected in many parts of Rubavu and western parts of Nyabihu Districts. Rainfall ranging between 15 and 30 mm is expected in surrounding areas of Nyabihu, the remaining parts of Rubavu, Western and northern parts of Musanze, Northern parts of Ngororero, Rutsiro, Burera and localized areas of Karongi, Nyamasheke and Nyagatare Districts. The rainfall below 5 mm is the lowest amount expected over many parts of Eastern Province, Kigali City, Southern Province, many parts of Gicumbi, Rulindo and Gakenke Districts and localized areas of Rusizi, Nyabihu and Musanze Districts. The remaining parts of the country are expected to record rainfall ranging between 5 and 15 mm as per the map below.

**2. Forecast of wind speed:** Moderate to slightly strong wind speed ranging between 4 and 8 m/s is expected across the country. Slightly strong wind ranging between 6 and 8 m/s (yellow colour) is expected over many parts of Nyagatare, Gatsibo, Gicumbi, Burera, Rutsiro, Karongi, Nyamasheke and Rusizi Districts. The remaining parts of the country are expected to experience moderate wind speed ranging between 4 and 6 m/s (green colour).

**3. Temperature forecast:** During the third (3<sup>rd</sup>) dekad of June 2023, the average maximum temperature is expected to range between 18°C and 28°C which is slightly below long term mean maximum temperature of third (3<sup>rd</sup>) dekad of June. Bugarama plain and localized areas of Kigali City, Bugesera, Ngoma, Nyanza, Ruhango and Gisagara Districts are expected to experience higher maximum temperature ranging between 26°C and 28°C. Eastern parts of Rubavu District, western Nyabihu, northern Burera and Musanze Districts are expected to experience lower mean maximum temperatures ranging between 18°C and 20°C.

For more detailed information on spatial distribution map of rainfall, maximum temperature and wind speed, please refer to the following maps below.

