



Kigali, 10<sup>th</sup> April 2023

### **Weather forecast valid from 11<sup>th</sup> to 20<sup>th</sup> April 2023**

**Rainfall forecast:** During the second (2<sup>nd</sup>) dekad of April 2023, rainfall ranging between 20 and 80 mm is expected across the country, a reduced rainfall compared to the rainfall recorded during the first (1<sup>st</sup>) dekad of April 2023. The expected rainfall amount will be below the range of Long-Term Mean (LTM) in many parts of the country (The range of LTM varies between 30 and 100 mm). The predicted rainfall will be associated with thunderstorms in localized parts of the country especially Northern, Western and Central parts of the country. The main drivers of expected rainfall are the neutral conditions of Sea Surface Temperature (SST) across the global Oceans. Rainy days are expected to vary between two (2) and five (5) days which will be evenly distributed across the dekad.

#### **1. Spatial distribution of rainfall:**

Rainfall ranging between 70 and 80 mm is expected in eastern parts of Rusizi, Nyamasheke, Burera and Musanze Districts, many parts of Gakenke and Rutsiro Districts, western parts of Nyamagabe, Karongi and Ngororero Districts and localized parts of Nyabihu and Nyaruguru Districts. Rainfall ranging between 60 and 70 mm is expected in the most parts of Rubavu, Nyabihu, Nyamasheke and Rusizi Districts, western parts of Nyaruguru and Rutsiro Districts, eastern parts of Ngororero, Karongi Gakenke, Rulindo Burera and Huye Districts, northern parts of Muhanga and a small part of Kamonyi Districts.

Rainfall ranging between 20 and 30 mm is the lowest amount expected over northern parts of Nyagatare, Kayonza Districts and few localized parts in southern Bugesera and Kirehe Districts. The rest parts of the remaining parts of the country are expected to record rainfall ranging between 40 and 60 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 speed ranging between 6 and 8 m/s (green colour) is expected in Rusizi, Rubavu, Rutsiro Karongi and Nyagatare Districts, most parts of Gatsibo, Gicumbi, Burera Nyamasheke and Nyamagabe Districts, localized parts of Nyanza, Ruhango, Kamonyi, Muhanga, Kirehe and south eastern parts of Kayonza Districts. The rest of the remaining parts of the country are expected to experience moderate wind speed ranging between 4 and 6 m/s (Yellow colour).

#### **3. Temperature forecast:**

During the second (2<sup>nd</sup>) dekad of April 2023, the average maximum temperature is expected to range between 18°C and 28°C. Most parts of Kigali City, Bugesera, eastern parts of Kamonyi, Ruhango, Nyanza and Gisagara Districts, western parts of Ngoma and few isolated parts of Kayonza, Kirehe and Bugarama plain are expected to experience higher maximum temperature ranging between 26°C and 28°C. The parts of Rubavu, Nyabihu, Burera and Musanze Districts are expected to experience lower maximum temperatures ranging between 18°C and 20°C.



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

