



**ISO 9001:2015 CERTIFIED**  
**Kigali, 31 July 2021**

## **Weather Forecast for 1<sup>st</sup> to 10<sup>th</sup> August 2021**

### **1. Executive summary**

Dry weather conditions with sunny intervals are expected from 1<sup>st</sup> to 6<sup>th</sup> August 2021 while cloudy conditions with rainfall are expected from 7<sup>th</sup> to 10<sup>th</sup> August 2021. Cumulative rainfall of 10mm and above is expected in many parts of Northern and Western Provinces. The mean maximum temperature will range between 20°C and 30°C depending on the location. The highest mean maximum temperature during the month is expected to range between 28°C and 30°C in many parts of Kigali city, parts of Eastern Province and Bugarama plain. Moderate wind speed ranging between 2m/s and 10m/s is expected across the country.

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

Cumulative rainfall expected during the first dekad of August 2021 will range between 0 and 30 mm across the country. Moderate rainfall ranging between 20 and 30 mm is expected in Birunga National Park while the surrounding areas including remaining parts of Burera, Nyabihu, Musanze, Rubavu, northern parts of Gicumbi, Muhanga, Nyagatare, Gakenke, Ngororero and along Kivu Belt are expected to receive rainfall ranging between 10 and 20mm. The remaining parts of the country are expected to receive rainfall ranging between 0 and 10mm but many areas will receive between 5 and 10 mm. The rainfall is expected from 7<sup>th</sup> August 2021 up to the end of the dekad. The expected rainfall will be in the range of long term mean for the first dekad of August across the country. The expected rainfall will result from westerly wind advecting from Congo forest towards Rwanda.

### **2. Forecast of maximum temperature**

The expected maximum temperature during first dekad of August will range between 20°C and 30°C across the country. Higher values of maximum temperature will range between 28°C and 30°C and are expected in Bugarama plain, eastern parts of Kamonyi, most parts of Kigali city, Bugesera and some parts of Ngoma Nyagatare, Gatsibo, Kirehe and Kayonza districts. The areas expected to experience lower average maximum temperature ranging between 20°C and 22°C include northern parts of Burera and Musanze, eastern parts of Rubavu and Rutsiro, western parts of Nyabihu, Ngororero, Nyaruguru and Nyamagabe. The expected temperature is in the range of long term average across the country.

### **3. Forecast of wind Speed**

During the month of August 2021 dekad 1, light to strong winds ranging between 2m/s and 10m/s is expected across the country and the impact expected are not significant. The distribution map below indicates strong wind ranging between 8m/s and 10m/s which is expected in many parts of Western Province within Congo Nile Divide. Moderate wind ranging between 4m/s and 8m/s will dominate the remaining parts of the country.

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

