



Kigali, 31st October 2024

Weather forecast for the month of November 2024

- 1. Summary:** During the month of November 2024, an increase of rainfall is expected across the country compared to the rainfall observed during the month of October. Rainfall ranging between 100 and 350 mm is expected across the country, which is above the range of the Long-Term Mean (LTM) ranging between 50 and 300 mm. The first dekad is expected to receive rainfall in the range of LTM while the second and third dekads are expected to receive increased rainfall above the range of LTM. The maximum temperature is expected to range between 20 and 30°C while the minimum temperature is expected to range between 8 and 16°C which is within the range of LTM for both minimum and maximum temperature. Slightly strong wind ranging between 6 and 8 m/s is expected across the country.
- 2. Rainfall forecast:** During November 2024, the highest amount of rainfall ranging between 300 and 350 mm is expected in most parts of Rusizi, Nyamasheke, Nyamagabe, Nyaruguru, Karongi, Rutsiro, Ngororero and northern parts of Musanze District. Rainfall ranging between 250 and 300mm is expected in the remaining parts of Western Province, with exception of southern parts of Rusizi and western parts of Rubavu as well as the remaining parts of Northern Province except parts of Gicumbi District and remaining parts of Nyamagabe and Nyaruguru District. The same amount of rainfall is also predicted in northern parts of Nyarugenge and Gasabo Districts and localized areas of Huye, Gisagara and Ruhango Districts. The minimal rainfall compared to other parts of the country ranging between 100 and 150 mm is expected in the parts of Nyagatare, Gatsibo, Kayonza and Kirehe Districts. The remaining parts of the country are expected to receive rainfall ranging between 150 and 250 mm. The main drivers are Intertropical Convergence Zone (ITCZ) which is predicted to be over the region where Rwanda is located and the Madden-Julian Oscillation (MJO) are predicted to be active in phase two and three during November 2024.
- 3. Temperature forecast**
 - **Maximum temperature:** The Highest maximum temperature is expected to range between 28°C and 30°C in many parts of Kigali City, Eastern Province, Amayaga region and southern parts of Rusizi Districts. The lowest maximum temperature is expected to range between 20 and 22°C over many parts of Nyabihu, eastern parts of Rubavu and northern parts of Musanze and Burera Districts. The expected maximum temperature during November 2024 is in the range of LTM.
 - **Minimum temperature:** Western parts of Nyamagabe, Nyabihu, Musanze and eastern parts of Rubavu Districts are expected to experience lowest minimum temperature ranging between 8°C and 10°C while many parts of Kigali City, Gatsibo, Kayonza, Kirehe, Ngoma, Bugesera, Amayaga and Rusizi Districts are expected to experience high minimum temperature ranging between 14°C and 16°C. The expected minimum temperature during November 2024 is in the range of LTM.
- 4. Forecast of wind speed:** Moderate to strong wind speed ranging between 6 and 8 m/s (yellow color) is expected across the country except localized parts of Ngororero and Karongi where strong wind



speed ranging between 8 and 10 m/s (amber colour) and a small area in northern Gakenke where moderate wind speed ranging between 4 and 6 m/s (green color).

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

