



**Weather forecast valid between 21<sup>st</sup> and 31<sup>st</sup> March 2025**

- 1. Summary:** During the third dekad of March 2025 (21<sup>st</sup> to 31<sup>st</sup>), rainfall amount ranging between 30 and 150 mm is predicted across the country, which is above the Long-Term Mean (LTM). The LTM for the third dekad of March ranges from 20 mm to 100 mm. In general, the predicted rainfall is evenly distributed across the Dekad. The daytime maximum temperatures will range between 18°C and 30°C, while night time minimum temperatures is expected to fall between 8°C and 18°C, which aligns with the LTM. Additionally, moderate to strong wind is expected, to range from 4 m/s to 10 m/s across the country.
- 2. Rainfall forecast:** Rainfall amounts ranging from 30 mm to 150 mm, which exceeds the Long-Term Mean (LTM) for the third dekad of March 2025, is expected across the country. The highest rainfall amount, ranging from 120 mm to 150 mm, is expected in many parts of Rusizi, Nyamasheke and Nyamagabe Districts, western parts of Nyaruguru District and southern parts of Karongi District. Rainfall amount ranging between 90 mm and 120 mm is expected in Northern Province, remaining parts of Western Province, Nyamagabe and Nyaruguru Districts, south-western parts of Gisagara and Huye Districts, and northern parts of Kigali City. Rainfall amount ranging between 60 mm and 90 mm is expected in remaining parts of Southern Province and Kigali City, several parts of Bugesera and Gatsibo Districts, western parts of Rwamagana and Nyagatare Districts, and south-eastern part of Kirehe District. Remaining parts of Eastern Province are expected to receive rainfall amount ranging from 30 mm to 60 mm.
- 3. Forecast of Wind Speed:** Moderate to strong wind speed, ranging from 4 m/s to 10 m/s, is expected across the country. Strong winds, with speed between 8 m/s and 10 m/s (indicated in orange), is anticipated in many areas of Gisagara District, eastern parts of Nyamagabe District and western parts of Gatsibo District. The remaining parts of the country are expected to experience moderate to slightly strong wind, ranging from 6 m/s to 8 m/s (indicated in yellow), with exception of several parts of Kigali City and Rutsiro District, central parts of Nyamasheke District, southern parts of Rubavu and Nyabihu Districts, western parts of Rwamagana District, eastern parts of Kamonyi District, as well as Bugesera District, where moderate wind speed of 4 m/s to 6 m/s (indicated in green) is expected.



#### 4. Temperature forecast

- **Maximum temperature:** The highest maximum temperature, ranging from 28°C to 30°C, is expected in eastern parts of Nyagatare, Kayonza, Gisagara and Nyanza Districts, central and eastern parts of Bugesera District, western parts of Ngoma District, central parts of Kigali City, and Bugarama Plain. The lowest maximum temperature, ranging from 18°C to 20°C is expected in several areas of Nyabihu and Musanze Districts, western parts of Ngororero, Nyamagabe and Nyaruguru Districts as well as eastern parts of Rusizi, Nyamasheke, Rutsiro and Rubavu Districts.
- **Minimum temperature:** The lowest minimum temperature, ranging between 8°C to 10°C, is expected in several areas of Nyabihu District, western parts of Musanze, Nyamagabe and Nyaruguru Districts, eastern parts of Rusizi and Rubavu Districts. On the other hand, the highest minimum temperature, ranging from 16°C to 18°C, is expected in central parts of Gatsibo District, southern parts of Nyagatare District, eastern parts of Kayonza and Kirehe Districts.

5. **Advisories:** Given the expected rainfall above the range of the Long Term Mean (LTM) and strong winds, various impacts are anticipated in different parts of the country especially in mountainous regions and areas that have already experienced significant rainfall. Meteo Rwanda advises the public to take precautions and necessary measures to mitigate likely impacts.

For detailed information on the spatial distribution of rainfall, temperatures, and wind speed, refer to the maps below.

