



Kigali, 1<sup>st</sup> January 2025

### Weather forecast for the month of January 2025

- 1. Summary:** During the month of January 2025, rainfall expected is in the range of the Long-Term Mean (LTM) except in many parts of Rusizi and Nyamasheke Districts, western parts of Nyaruguru and Nyamagabe Districts and small portion of southern Karongi District around Nyungwe National park which is expected to receive slightly above LTM rainfall. The amount of rainfall expected will range between 0 and 180 mm (The Long- Term Mean ranging between 0 and 150 mm). The maximum temperature expected to range between 18°C and 30°C while the minimum temperature expected to range between 8°C and 16°C, which is in the range of LTM. Moderate to strong wind ranging between 4 and 10m/s is expected across the country but several parts of the country are expected to receive wind speed ranging between 6 and 8m/s.
- 2. Rainfall forecast:** During the month of January 2025, the highest amount of rainfall will range between 150 and 180 mm and it is expected in many parts of Rusizi and Nyamasheke Districts, western parts of Nyaruguru and Nyamagabe and small portion of southern Karongi District. Rainfall ranging between 120 and 150mm, is expected in Rutsiro, Rubavu, Nyabihu, and Huye Districts, several parts of Gisagara, Nyanza, Ruhango, Ngororero, Musanze and Burera Districts, remaining parts of Nyaruguru, Nyamagabe, Karongi, Nyamasheke and Rusizi Districts. Rainfall ranging between 90 and 120mm is expected in Rulindo, Kamonyi, Muhanga, Gakenke, and Gicumbi Districts, remaining parts of Nyanza, Ruhango, Ngororero, Musanze Burera Districts, northern and western parts of Kigali City and small portion of western Bugesera District. Rainfall ranging between 60 and 90 mm is expected in Bugesera District, remaining parts of Kigali City, Kamonyi and Gicumbi Districts, western parts of Ngoma, Rwamagana, Gatsibo and Nyagatare District. Rainfall ranging between 30 and 60mm is expected in remaining parts of Ngoma and Rwamagana Districts, many parts of Kirehe and Kayonza Districts, central parts of Gatsibo District small portion of western and southern Nyagatare District. The remaining parts of Eastern Province are expected to record rainfall ranging between 0 and 30mm.
- 3. Temperature forecast**
  - Maximum temperature:** The Highest maximum temperature is expected to range between 28°C and 30°C in Bugesera District, several parts of Kigali City and Nyagatare District, Amayaga, western of Ngoma and Rwamagana Districts, northern parts of Gatsibo District, localized areas of Kayonza District and Bugarama plain. The lowest maximum temperature is expected to range between 18 and 20°C over many parts of Nyabihu and Musanze Districts, western parts of Rubavu District, small portion of northern Burera District. The expected maximum temperature during January 2025 is in the range of LTM.
  - Minimum temperature:** Many parts of Nyabihu, Musanze and Rubavu Districts, north - western Ngororero and Nyaruguru Districts, north – eastern Rutsiro District, western parts of Nyamasheke and Rusizi District and southern parts of Karongi District are expected to experience lowest minimum temperature ranging between 8°C and 10°C. Several parts of Nyagatare, Gatsibo, Kayonza and Kirehe Districts, are expected to experience high minimum temperature ranging between 14°C and 16°C. The expected minimum temperature during January 2025 is within the range of LTM.



4. **Forecast of wind speed:** Moderate to strong wind speed ranging between 4 and 10 m/s is expected countrywide in January 2025. Strong wind speed ranging between 8 and 10 m/s (orange colour) is expected in many parts of Nyaruguru District, southern parts of Nyamagabe District, eastern parts of Rusizi District, small portion of western Huye and northern Nyabihu Districts. Moderate to strong wind speed ranging between 6 and 8m/s (yellow colour) is expected in most parts of the country except the area stipulated in previous paragraph which are expected to receive the highest wind speed over many parts of Kigali city, Rutsiro and Nyamasheke Districts, western parts of Karongi and Rwamagana Districts, southern parts of Gicumbi and Rutindo Districts, Northern parts of Bugesera and Ngoma Districts and western Kamonyi District which are expected to receive moderate wind speed ranging between 4 to 6m/s (green colour).

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

