



Kigali, 30th January 2024

Weather Forecast for the month of February 2024

1. Rainfall forecast

During the month of February 2024, the amount of rainfall ranging between 50 and 250 mm is expected across the country. The expected rainfall in the month of February 2024 will be slightly above the range of the Long-Term Mean (LTM) countrywide. The first dekad of February are expected to record rainfall in the range of the LTM mean in several parts of the country while second and third Dekads are expected to receive rainfall in the range above the LTM. The main drivers are the persistence of El Nino conditions in Pacific Ocean (NINO 3.4).

The spatial distribution map shows that higher amount of rainfall ranging between 200 and 250 mm is expected over Rusizi, Nyamasheke, Nyaruguru, Nyamagabe, Karongi, Rutsiro and western parts of Ngororero and Huye Districts. Rainfall ranging between 150 and 200mm is expected in remaining parts of Ngororero and Huye Districts, western parts of Gisagara, Eastern parts of Kirehe, Rubavu, Nyanza, Ruhango and Muhanga Districts, western parts of Kamonyi Districts and the whole of Northern Province excluding south eastern parts of Rulindo District where rainfall ranging between 100 and 150 mm is expected. The same amount of rainfall is also expected in eastern parts of Kamonyi District, Remaining parts of Kirehe District, Kigali City, Eastern province excluding south east of Bugesera District and central corridor extending from Kayonza to Nyagatare where 50 and 100 mm are expected.

2. Wind Speed forecast

The wind speed forecast map for the month of February 2024 below shows that moderate to strong wind speed ranging between 6m/s and 8m/s is expected across the country except isolated parts of Kigali City, Rwamagana, Ngoma, Nyaruguru, Gakenke, Gicumbi and Burera Districts where moderate wind speed ranging between 4 and 6 m/s is expected.

3. Temperature forecast

During the month of February 2024, the mean maximum temperature is expected to range between 18°C and 28°C. Temperature ranging between 26°C and 28°C is the highest expected in the month of February 2024 over Kigali City, Bugesera, Rwamagana, Ngoma, eastern and central parts of Gatsibo and Nyagatare Districts, eastern parts of Kamonyi, Ruhango, Nyanza and Gisagara Districts and southern parts of Rusizi District. Lower maximum temperature is expected to range between 18°C and 20°C in the northern parts of Nyabihu and Volcanoe National Park in Musanze Districts. The expected temperature will be below the range of Long-Term Mean (LTM) maximum temperature for the month of February 2024.

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



Rainfall predicted during the month of February 2024

