



Weather forecast valid between 11th and 20th October 2024

1. Summary

During the second(2nd) dekad of October 2024, rainfall is predicted to be consistent compared to previous the dekad of October, and it will range between 20 and 140 mm across the country. The predicted rainfall is above the range of Long Term Mean (LTM) of the second dekad of October. However, the expected rainfall has decreased compared to the previous dekad in areas over the Kigali, Eastern and Southern Provinces. Rainy days are expected to range between 4 and 7 days with respect to the various microclimate of regions, and are expected throughout the dekad except on 13th, 14th and 15th. The predicted air temperature is within the LTM range. Daily maximum temperature is expected between 20°C and 32°C, while night minimum temperature is expected to range between 8°C and 18°C. Wind speed ranging between 4 and 10 m/s is expected in many parts of the country whereby strong winds ranging between 8 and 10 m/s are expected over parts of Nyaruguru, Nyamagabe, Karongi, Rutsiro, Nyamasheke and Gatsibo, Kayonza, Rwamagana in Eastern parts of the country.

2. Rainfall forecast

The highest amount of rainfall predicted in the next ten days will range between 120 and 140 mm, and it is expected in Rutsiro and Rubavu Districts, western part of Ngororero, south western part of Nyabihu, many parts of Rusizi, south eastern parts of Nyamasheke and western part of Nyaruguru Districts. The rest of western province (except coastal region of Nyamasheke and parts of Karongi), extreme west of Musanze and northern parts of Burera, central Nyaruguru, south and western Nyamagabe are expected to record amount of rains ranging between 100 and 120 mm. Localized areas of Gatsibo, Kayonza, Kirehe, Gasabo, Nyanza, Ruhango, Kicukiro, Gicumbi, Rwamagana, Ngoma and Bugesera are expected to record less rainfall of the dekad ranging between 20 and 40 mm. Rainy days are expected to range between 4 and 7 days varying from eastern to western and are expected throughout the dekad except on 13th, 14th and 15th October 2024.

3. Forecast of wind speed

Moderate to strong wind speed ranging between 4 and 10 m/s is expected across the country. Strong wind speed ranging between 8 and 10 m/s (amber colour) is expected in many parts of Karongi, Rutsiro, Nyaruguru, Nyamagabe, Kayonza, Gatsibo, Rwamagana and localized areas of Nyamasheke. Moderate wind speed ranging between 4 and 6 m/s (amber colour) is expected in many parts of Bugesera, Kigali city, Eastern Kamonyi, Western Gakenke and Ngoma. The remaining parts of the country are expected to experience slightly strong wind speed ranging between 6 and 8 m/s (yellow colour).

4. Temperature forecast

- **Maximum temperature:** During the second dekad of October 2024, many parts of Eastern Province, Kigali City, Amayaga and southern parts of Rusizi District are expected to record the highest maximum temperature ranging between 28°C and 32°C which is an increased maximum temperature compared to previous dekad. Eastern parts of Rubavu, many parts of Nyabihu, and northern parts of Musanze Districts are expected to experience lower maximum temperatures ranging between 20°C and 22°C.



- Minimum temperature:** The lowest (coldest) minimum temperature ranging between 8°C and 10°C is expected in western parts of Nyabihu, Musanze and Nyamagabe Districts. Many parts of Kigali City, eastern parts of Kamonyi, Nyanza Ruhango, Kayonza, many parts of Kirehe and Bugesera Districts are expected to experience high minimum temperature ranging between 16°C and 18°C.

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

