



## Agrometeorological Bulletin N° 6/2025, Dekad 3-February (21<sup>st</sup> - 28<sup>th</sup>) 2025

Issued on 03<sup>rd</sup> March 2025

### Summary

The analysis showed that during the third dekad (from 21<sup>st</sup> to 28<sup>th</sup>) of February 2025, many parts of country experienced rainfall deficit compared to the Long Term Mean (LTM) of this dekad, while small parts of Rusizi and Nyamasheke Districts experienced rainfall surplus. Rainy days ranging between one and four days were observed across the country. The observed mean temperature was slightly above the range of the Long Term Mean in many parts of the country.

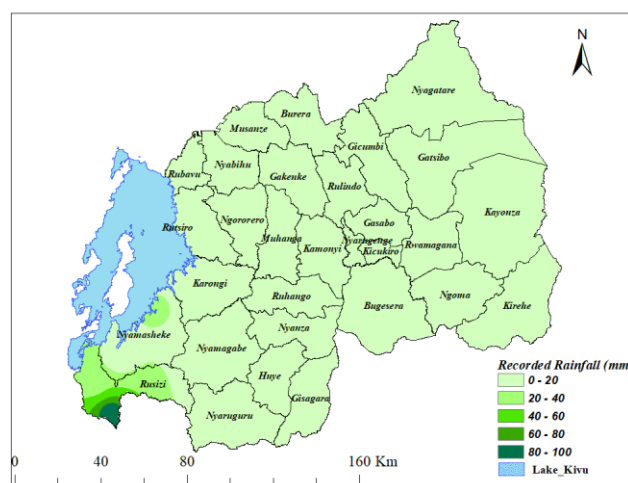
### 1.0 Rainfall Pattern

This part contains the recorded rainfall amount, rainfall anomalies and comparison to the observed rainfall against the Long-Term Mean (LTM).

#### 1.1. Rainfall Amount

The cumulative rainfall of the 3<sup>rd</sup> dekad of February 2025 is represented in Map 1. It was noted that during this dekad; Rusizi District received much rainfall compared to the most parts of the country which received less Rainfall to no rainfall. The highest rainfall amount of 97.1 mm was recorded over Bugarama station located in Rusizi District in 3 rainy days and it was followed by Mibirizi station located in Rusizi District, which observed 32.6 mm in 4 rainy days.

However, many parts of country received no rainfall during this third dekad of February 2025.

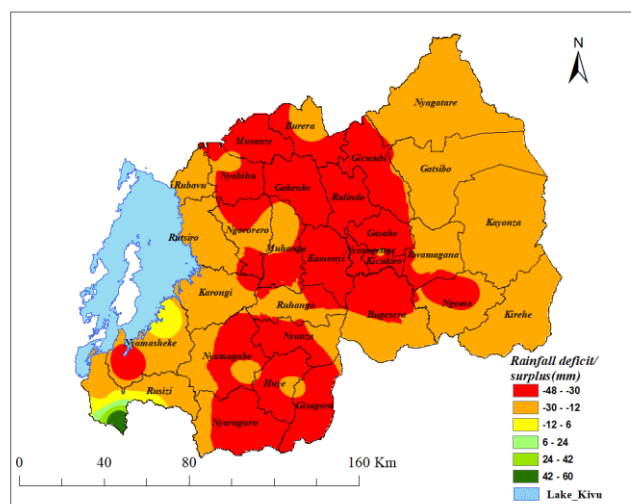


**Map 1: Rainfall amount during 3<sup>rd</sup> dekad of February 2025**



## 1.2 Rainfall Anomaly (Deficit and Surplus)

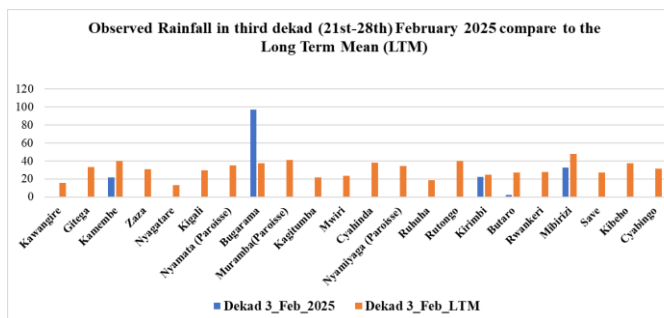
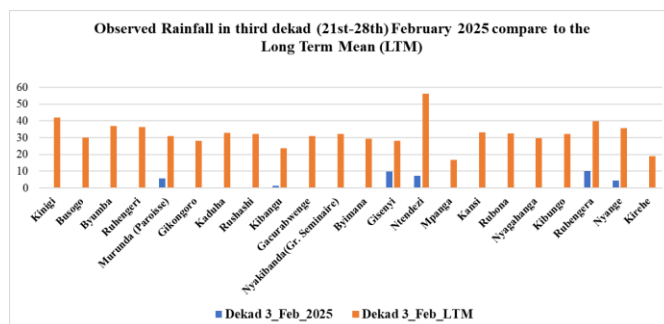
The rainfall anomaly over the country is displayed in map 2. Compared to the Long Term Mean (LTM), third dekad of February 2025 was characterized by rainfall deficit over most parts of the country. However small parts of Rusizi and Nyamasheke Districts observed rainfall surplus.



**Map 2: Rainfall anomaly during the 3<sup>rd</sup> dekad of February 2025**

## 1.3. Comparison of observed rainfall with LTM for the third dekad of February 2025

The comparison of recorded rainfall amount in the 3<sup>rd</sup> dekad of February 2025 and the Long-term mean (LTM) across the country is shown in both Figure 1 (a) and (b) where most parts of country observed low rainfall amount compared to the LTM. This is demonstrated by the analysis, which indicated that forty - three (43) out of 44 stations reported rainfall deficit, including 31 stations recorded no rainfall at all, while only Bugarama station recorded rainfall surplus during this third dekad.

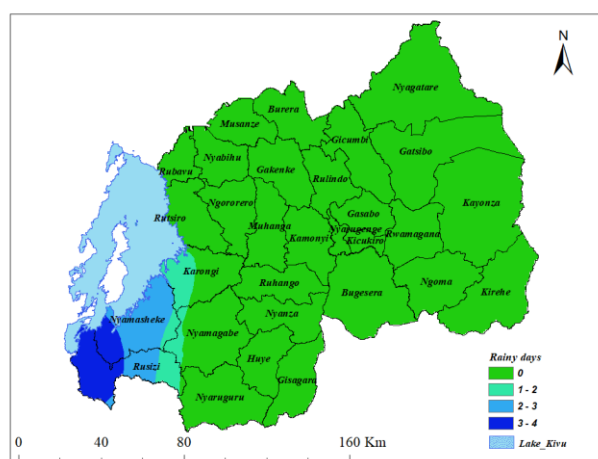


**Figure 1 (a&b): Comparison of observed rainfall in the 3<sup>rd</sup> dekad of February 2025 with long term mean**



## 1.4 Number of Rainy Days

The Map 3 shows the distribution of the number of rainy days across the country. A rainy day is defined as a day with at least 0.85 mm of rainfall. The analysis demonstrated that the rainy days ranged between one and four days. Many rainy days were observed over Rusizi and Nyamasheke Districts while many stations across the country recorded no rainy days during this third dekad of February 2025.



**Map 3: Rainy days during 3<sup>rd</sup> dekad of February 2025**

## 1.5 Soil moisture condition

Soil moisture content was decreased in many parts of the country during the third dekad of February 2025 and it is expected to increase in the first dekad of March 2025 due to the rainfall which will be higher than the rainfall in previous dekad.

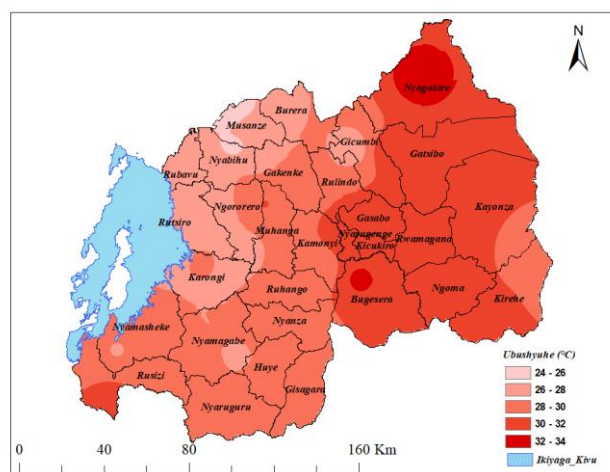
## 2.0 Temperature observation

The average Maximum and Minimum temperature across the country is highlighted in the section below.

### 2.1 Mean Maximum Temperature

Map 4: represents the mean maximum temperature distribution across the country during the 3<sup>rd</sup> dekad of February 2025. The maximum temperature was above the range of Long-Term Mean (LTM) over many parts of the country. The lowest maximum temperature of 23.8°C was recorded over Kinigi station (Musanze District) while the highest maximum temperature of 33.3°C was recorded over Nyagatare station (Nyagatare District).

Nyagatare and Bugesera Districts were warmer compared to the remaining parts of the country.



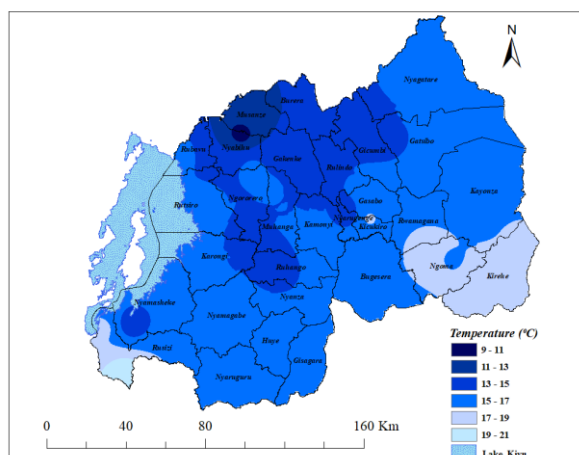
**Map 4: Mean Maximum Temperature for the 3<sup>rd</sup> dekad of February 2025**



## 2.2 Minimum Temperature

The average minimum temperature across the country is shown in Map 5. The minimum temperature was slightly above the range of the Long term mean over most parts of the country during the 3<sup>rd</sup> dekad of February 2025 . The lowest minimum temperature of 9.1°C was recorded at Busogo station in Musanze District while the highest minimum temperature of 20.7 °C recorded over Bugarama weather station in Rusizi station.

Musanze, Burera and Nyabihu Districts were highlighted as the coldest regions than the remaining parts of the country.



**Map 5: The mean Minimum Temperature for the 3<sup>rd</sup> dekad of February 2025**

## 3.0 Weather Outlook and Agricultural advisories for the First dekad of March (01<sup>st</sup> to 10<sup>th</sup>), 2025.

### 3.1. Weather Outlook for the 01<sup>st</sup> to 10<sup>th</sup> March 2025.

Please click [here](#) for more information on weather forecast for the first dekad of March 2025.

### 3.2 Agricultural Activity/Advisories

During the first dekad of March 2025, rainfall expected across the country will be in the range of long term mean (LTM), farmers are encouraged to consult agronomists in their respective areas for guidance as we approach the start of Agricultural Season B where the land preparations and seed sowing activities are ongoing across the country. They are also advised to contact veterinarians for assistance in monitoring diseases that may affect their animals as a result of seasonal shifts.

For more meteorological information, you can visit **Meteo Rwanda's website:**

[www.meteorwanda.gov.rw](http://www.meteorwanda.gov.rw) or call the tollfree number 6080.