



Agrometeorological Bulletin N° 18/2025, Dekad 3 of June (21st – 30th) 2025

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Summary

The analysis showed that during the third dekad (from 21st to 30th) of June 2025, many parts of country experienced rainfall surplus compared to the Long Term Mean (LTM) of this dekad. However, some parts of Kigali City, Eastern, Northern and Southern Provinces experienced rainfall deficit. The number of rainy days across the country ranged between one and six days. The observed mean temperature was in the range of the Long Term Mean in many parts of the country.

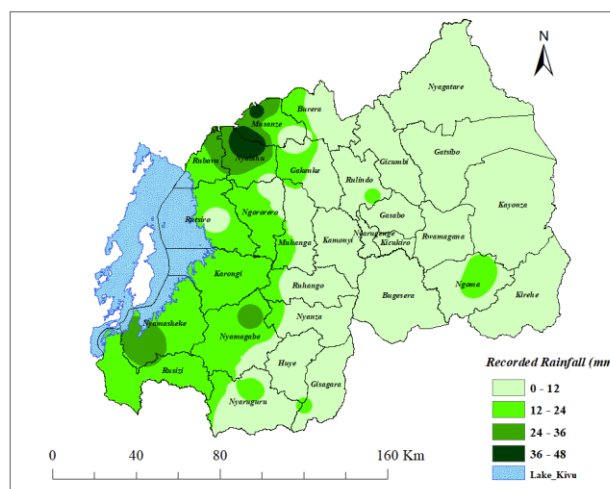
1.0 Rainfall Pattern

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 3rd dekad of June 2025 is represented on Map 1. It was noted that during this dekad; some parts of northwest, Nyamasheke and Nyamagabe Districts received much rainfall compared to the remaining parts of the country. The highest rainfall amount of 47.7 mm was recorded over Busogo station located in Musanze District in two rainy days, followed by Rwankeri station located in Nyabihu District, which observed 47 mm in two rainy days and Kinigi station located in Musanze District that observed 40.2 mm in six rainy days.

While four stations which are Kirehe, Nyagatare, Mwiri, and Cyahinda located in Kirehe, Nyagatare, Kayonza, and Nyaruguru Districts respectively, recorded no rainfall during the third dekad of June 2025.

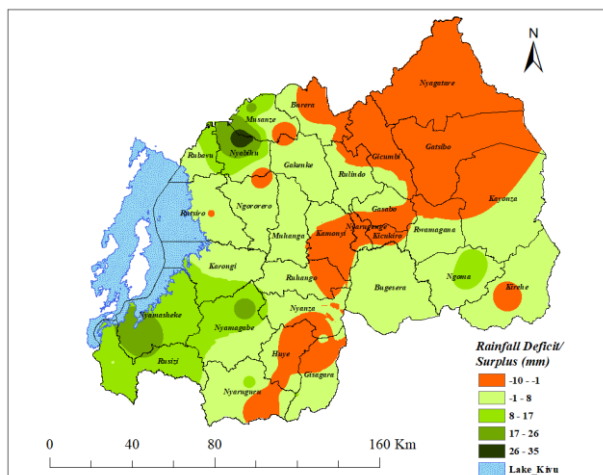


Map 1: Rainfall amount during 3rd dekad of June 2025



1.2 Rainfall Anomaly (Deficit and Surplus)

The rainfall anomaly over the country is displayed on map 2. Compared to the Long Term Mean (LTM), the third dekad of June 2025 was characterized by rainfall surplus over many parts of the country. However, some parts of Kigali City, Eastern, Northern and Southern Provinces experienced rainfall deficit.



Map 2: Rainfall anomaly during the 3rd dekad of June 2025

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

The comparison of recorded rainfall amount in the 3rd dekad of June 2025 and the Long-Term Mean (LTM) across the country is shown on both Figure 1 (a) and (b) where most parts of the country observed high rainfall amount compared to the LTM. This is demonstrated by the analysis, which indicates that twenty-three (23) stations out of forty-four (44) stations recorded rainfall surplus while twenty-one (21) stations recorded rainfall deficit during the third dekad of June 2025.

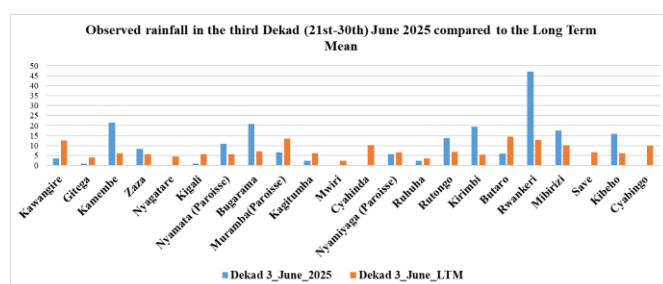
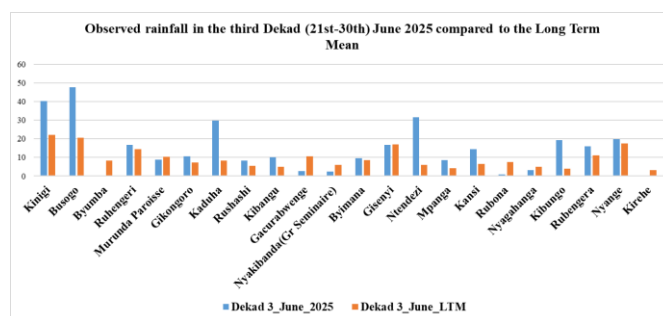
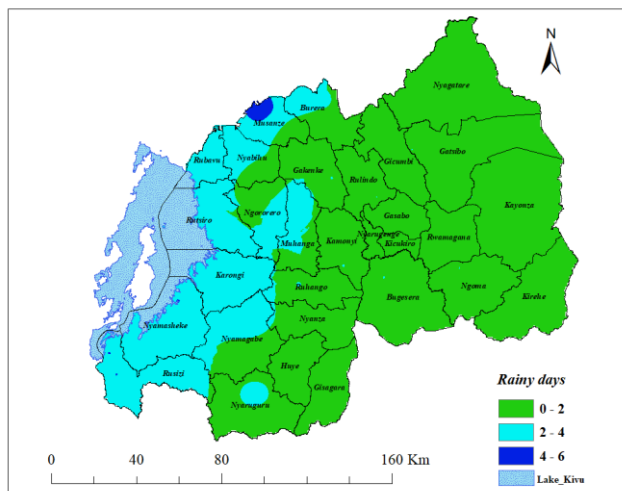


Figure 1 (a&b): Comparison of observed rainfall in the 3rd dekad of June 2025 with Long Term Mean



1.4 Number of Rain 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 six days. Many rainy days were observed in some parts of Musanze District, while few rainy days were observed in Kigali City Eastern, Northern and Southern Provinces during the third dekad of June 2025.



Map 3: Rainy days during 3rd dekad of June 2025

1.5 Soil moisture condition

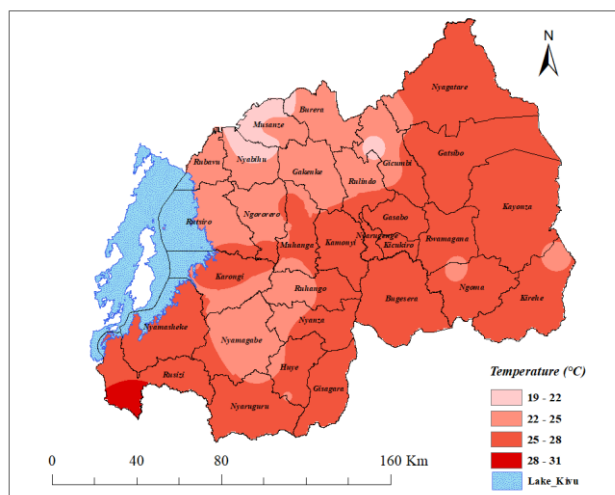
Soil moisture content has decreased in many parts of the country except in some parts of Northwest and Southwest parts of the country where soil moisture has increased due to the increased rainfall observed during the third dekad of June 2025. Soil moisture is expected to decrease due to dry weather conditions expected during the first dekad of July 2025.

2.0 Temperature observation

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

2.1 Mean Maximum Temperature

Map4 represents the mean maximum temperature distribution across the country during the 3rd dekad of June 2025. The maximum temperature was in the range of Long-Term Mean (LTM) over many parts of the country. The highest maximum temperature of 31.0 °C was recorded over Bugarama station in Rusizi District while the lowest maximum temperature of 19.4 °C was recorded at Kinigi station (Musanze District). Rusizi (particularly in Bugarama plain) District was warmer compared to the remaining parts of country.



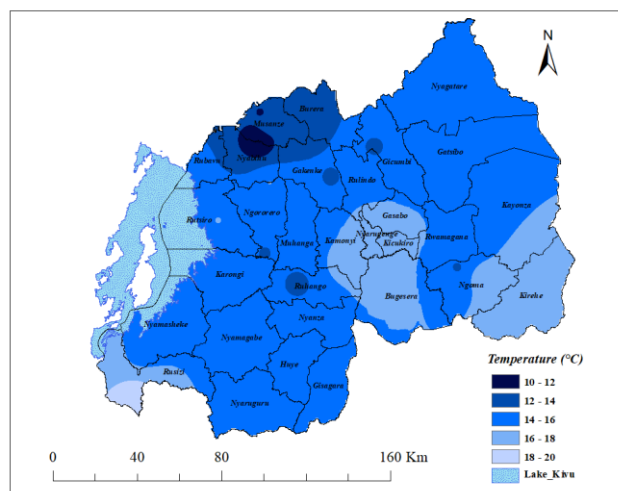
Map 4: Mean Maximum Temperature for the 3rd dekad of June 2025



2.2 Minimum Temperature

The average minimum temperature across the country is shown on Map 5. The minimum temperature was in the range of the Long Term Mean over most parts of the country during the 3rd dekad of June 2025. The lowest minimum temperature of 10.3°C was recorded at Busogo station in Musanze District while the highest minimum temperature of 20.0°C recorded over Bugarama weather station in Rusizi District.

Musanze and Nyabihu Districts were highlighted as the coldest regions than the remaining parts of the country during this dekad.



Map 5: The mean Minimum Temperature for the 3rd dekad of June 2025

3.0 Weather Outlook and Agricultural advisories for the first dekad of July (01st to 10th) 2025.

3.1. Weather Outlook for the 01st to 10th July 2025.

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

3.2 Agricultural Activity/Advisories

Based on the provided ten-day weather forecast for the 1st dekad of July 2025, which indicates dry weather conditions with sunny intervals during daytime in most parts of the country, Farmers are encouraged to contact agronomists for guidance on post-harvest management and other agricultural activities related to Agricultural Season C of 2025, particularly in concerned areas such as marshlands and other locations where irrigation systems are applicable.

Moreover, farmers are also advised to contact veterinary services in their respective areas to obtain information on the expected climate outlook and to monitor diseases that may affect their livestock due to the expected dry weather conditions.

For more meteorological information, you can visit **Meteo Rwanda's website:** www.meteorwanda.gov.rw or call the tollfree number 6080.