



Agrometeorological Bulletin N° 16/2025, Dekad 1 of June (01st – 10th) 2025

Issued on 13th June 2025

Summary

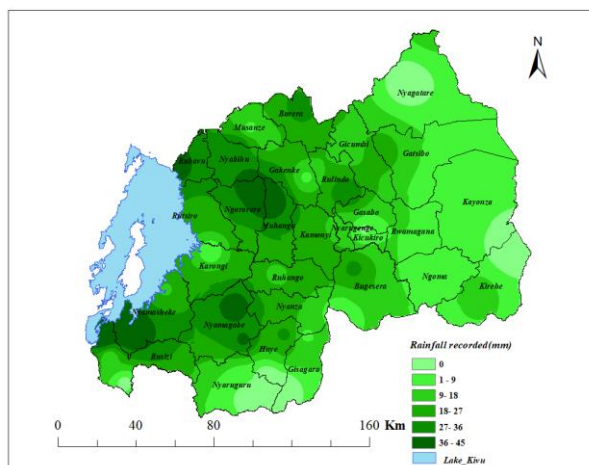
The analysis showed that during the first dekad (from 1st to 10th) of June 2025, many parts of country experienced rainfall surplus compared to the Long Term Mean (LTM) of this dekad. However some parts of Kigali City, Western, Southern, Northern and Eastern Provinces experienced rainfall deficit. The number of rainy days across the country ranged between one and six days. 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 01st dekad of June 2025 is represented on Map 1. It was noted that during this dekad; some parts of Western Province, Nyaruguru and Muhanga Districts received much rainfall compared to the remaining parts of the country. The highest rainfall amount of 45.4 mm was recorded over Ntendezi station located in Nyamasheke District in five rainy days, followed by Kibangu station located in Muhanga District, which observed 43.6 mm in four rainy days and Kamembe station located in Rusizi District that observed 41.1 mm in two rainy days. While two stations; Mpanga station located in Kirehe District and Kansi station located in Gisagara District recorded no rainfall during this first dekad of June 2025.

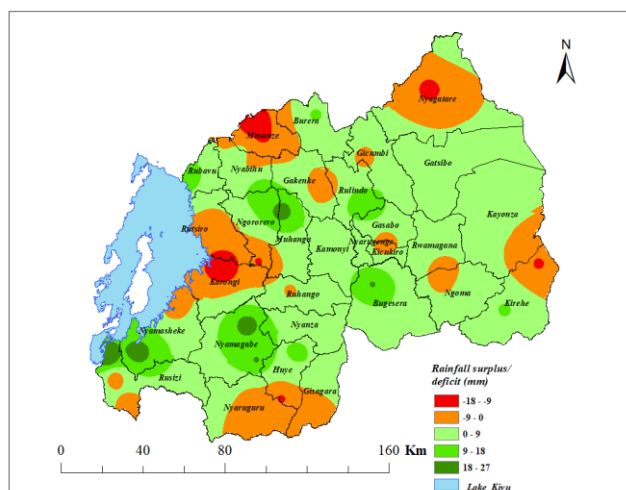


Map 1: Rainfall amount during 1st dekad of June 2025



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 first dekad of June 2025 was characterized by rainfall surplus over many parts of the country. However some parts of Kigali City, Western, Southern, Northern and Eastern Provinces experienced rainfall deficit.



Map 2: Rainfall anomaly during the 1st dekad of June 2025

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 Nyamasheke, Musanze and Burera Districts while few rainy days were observed in many parts of Eastern and Southern Provinces as well as in Rusizi and Ngororero

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

The comparison of recorded rainfall amount in the 1st dekad of June 2025 and the Long-term mean (LTM) across the country is shown in both Figure 1 (a) and (b) where most parts of the country observed much 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 reported rainfall surplus while twenty-one (21) stations recorded rainfall deficit during this first dekad of June 2025.

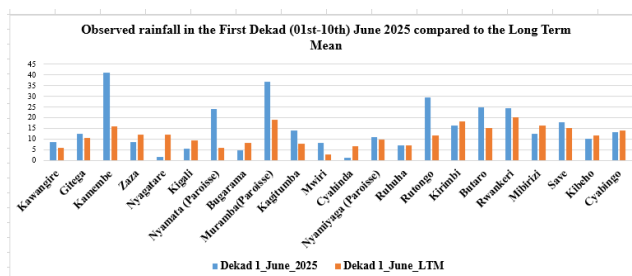
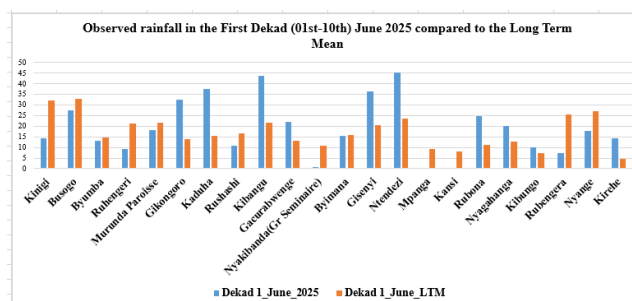
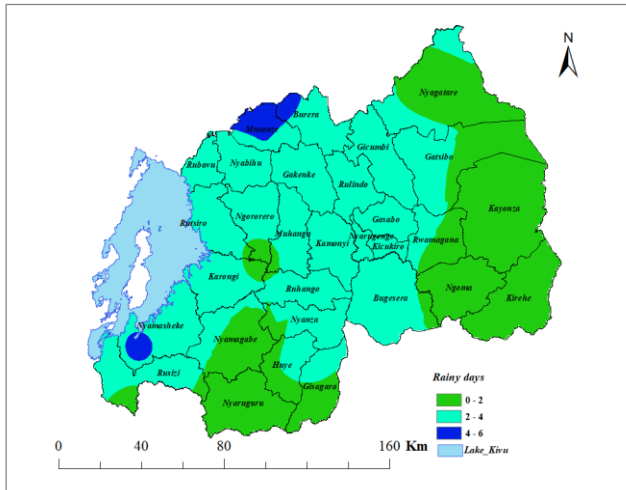


Figure 1 (a&b): Comparison of observed rainfall in the 1st dekad of June 2025 with Long Term Mean

The average Maximum and Minimum



Districts during this first dekad of June 2025.



Map 3: Rainy days during 1st dekad of June 2025

1.5 Soil moisture condition

Soil moisture content was decreased across the country during the first dekad of June 2025 compared to the previous third dekad of May 2025; this is mainly due to the transition from wet to dry weather conditions known as “Impeshyi”. It is expected to continue decreasing during the second dekad of June 2025, due to the expected dry weather conditions.

2.2 Minimum Temperature

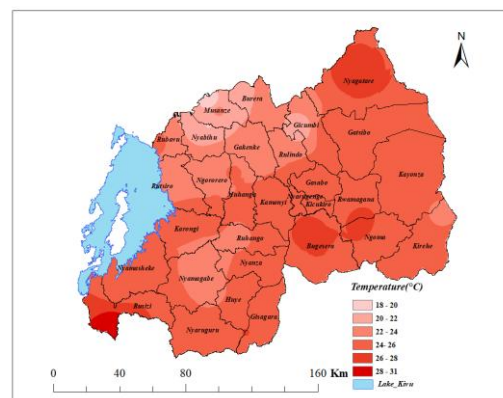
The average minimum temperature across the country is shown on Map 5. The minimum temperature was slightly above the range of the Long Term Mean over most parts of the country during the 1st dekad of June 2025. The lowest minimum temperature of 11.8°C was recorded at Busogo station in Musanze District while the

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 1st dekad of June 2025. The maximum temperature was slightly above the range of Long-Term Mean (LTM) over many parts of the country. The lowest maximum temperature of 18.0°C was recorded at Kinigi station (Musanze District) while the highest maximum temperature of 30.7°C was recorded over Bugarama station in Rusizi District.

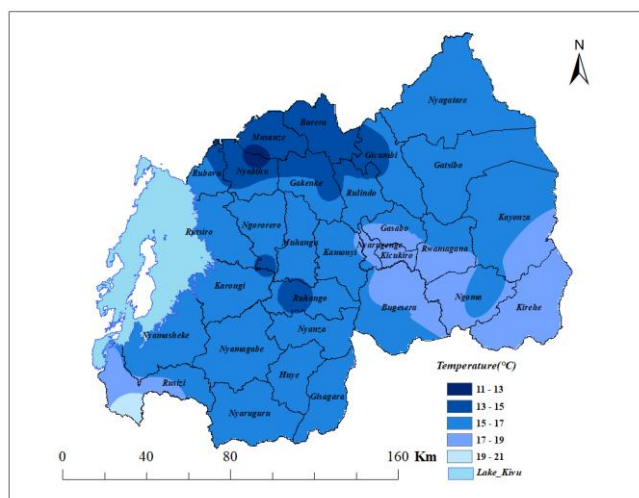
Rusizi (particularly in Bugarama plain) District was warmer compared to the remaining parts of country.



Map 4: Mean Maximum Temperature for the 1st dekad of June 2025



highest minimum temperature of 20.6°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 1st dekad of June 2025

3.0 Weather Outlook and Agricultural advisories for the second dekad of June (11th to 20th), 2025.

3.1. Weather Outlook for the 11th to 20th June 2025.

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

3.2 Agricultural Activity/Advisories

Based on the provided ten-day weather forecast for the 2nd dekad of June 2025, which indicates rainfall and temperature within the range of Long Term Mean in most parts of the country, normally characterized by dry weather conditions, farmers are encouraged to contact agronomists for guidance on agricultural activities related to harvesting and post-harvest management as well as planning and land preparation activities for Agricultural Season C of 2025, particularly in concerned areas.

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

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

www.meteorwanda.gov.rw or call the tollfree number 6080.