TANZANIA METEOROLOGICAL AUTHORITY



AGROMETEOROLOGICAL BULLETIN

No.33: 2025/26 Cropping Season *Review of August 21-31, 2026 and Outlook for September 1-10, 2026*

HIGHLIGHTS

- The expected light rains in few areas particularly over the northeastern highlands, southern coast and the northern coast will support pasture availability for livestock and is likely to affect harvesting, drying and crop storage activities.
- The expected dry condition in some areas will continue supporting crop harvesting, drying and storage activities.
- Farmers and agricultural stakeholders are advised to make follow-ups on daily weather forecast updates from Tanzania Meteorological Authority (TMA).

SYNOPTIC SUMMARY DURING AUGUST 21-31, 2026

During this dekad, the southern hemisphere high pressure systems (St. Helena and Mascarenes) continued to intensify while the northern hemisphere high pressure systems (Azores and Siberian) relaxed. This condition maintained the northward position of the Inter Tropical Convergence Zone (ITCZ) away from our country. Additionally, low-level moisture-rich maritime easterly flow towards the coastal and nearby areas intermittently enhanced rainfall-making mechanisms over those areas.

The above weather systems resulted in periods of rain showers over the northern coast and northeastern highlands.

RAINFALL PERFORMANCE DURING AUGUST 21-31, 2026

During this dekad, some areas of the country experienced rainfall amount between 1 and 25 millimeters; however, few areas in Mbeya region and southern Morogoro received ten days rainfall between 51 and 100 millimeters, as shown in figure 1.

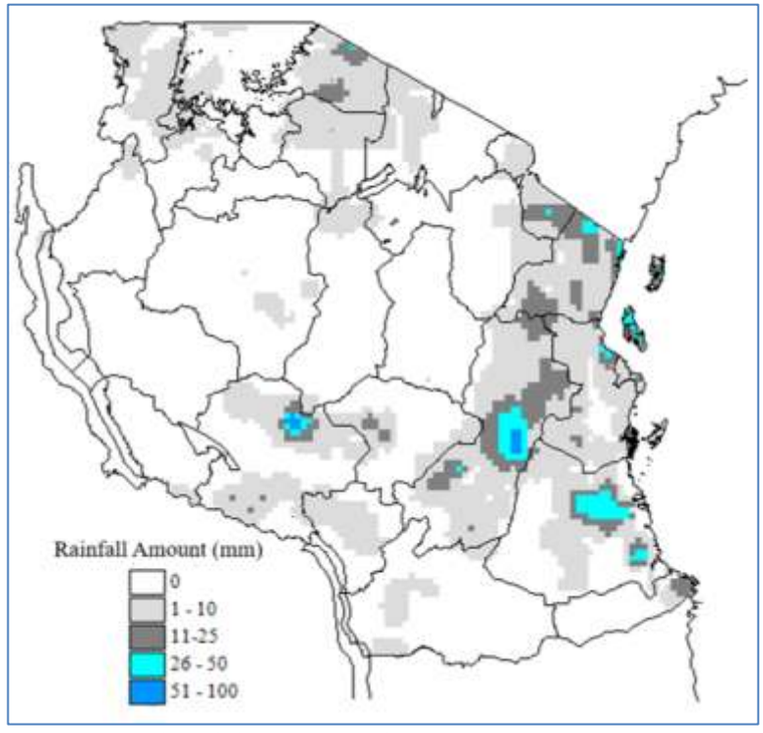


Figure 1: Total rainfall amount (mm) for August 21-31, 2026

AGROMETEOROLOGICAL SUMMARY DURING AUGUST 21-31, 2026

During this dekad under review, the dry conditions pronounced over some areas in the country supported crop harvesting, drying and storage activities. In contrast, rainfall conditions experienced in some areas around Lake Victoria basin, northern and southern coast supported pasture growth for livestock.

Among perennial crops, coffee in the Kilimanjaro and Songwe regions were at the ripeness stage. On the other hand, cloves in Pemba Islands and Muheza district in

Tanga region were at the ripeness stage, and farmers continued with harvesting activities. In contrast, cloves in Unguja Island are in '***Vikucha***' stage.

Water and pasture availability for livestock and wildlife decreased due to prevailing dry conditions.

HYDROMETEOROLOGICAL CONDITIONS DURING AUGUST 21-31, 2026

Water levels in dams and river discharge continue to decrease due to prevailing dry conditions in most areas of the country.

EXPECTED SYNOPTIC CONDITIONS DURING SEPTEMBER 1-10, 2026

During this dekad, the northern hemisphere high pressure systems are expected to slightly intensify while the southern hemisphere high pressure systems are expected to slightly relax. This condition is expected to move the meridional army of the ITCZ southward but still out of the country.

Furthermore, the local atmospheric circulations over the Lake Victoria Basin and low-level moisture-rich maritime easterly flow towards the coast and nearby areas are expected to intermittently enhance rainfall-making mechanisms over those areas.

EXPECTED WEATHER CONDITIONS DURING SEPTEMBER 1-10, 2026

Areas around Lake Victoria Basin (Kagera, Geita, Shinyanga, Mwanza, Simiyu, and Mara regions) are expected to feature periods of thundershowers over few areas.

Northeastern highlands (Arusha, Manyara and Kilimanjaro regions), southern Coast (Mtwara and Lindi) are expected to feature periods of light rainshowers over few areas.

The northern coast (Tanga, the northern part of Morogoro, Pwani and Dar es Salaam regions, together with the islands of Unguja and Pemba) are expected to feature rainshowers over a few areas.

Western regions (Kigoma, Katavi and Tabora), the southern region (Ruvuma and the southern part of Morogoro), the southwestern highlands (Rukwa, Songwe, Mbeya, Njombe and Iringa regions) and central areas (Dodoma and Singida) are expected to feature mainly dry conditions.

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AGROMETEOROLOGICAL OUTLOOK AND ADVISORY DURING SEPTEMBER 1-10, 2026

The expected dry condition in some areas will continue supporting crop harvesting, drying and storage. However, the light rains expected in few areas particularly over the northeastern highlands, southern coast and the northern coast will support pasture availability for livestock and is likely to affect harvesting, drying and crop storage activities.

ADVISORIES:

- **Bimodal areas (Lake Victoria Basin, northeastern highlands and northern coast):** Farmers are advised to check daily weather forecasts and prepare for localized periods of rain showers over few areas.
- **Unimodal areas (Southern coast, western regions, central regions, southwestern highlands, and southern regions):** Farmers are advised to continue with harvesting activities and crop storage while continuing to make follow up on daily weather forecasts.
- **Livestock keepers:** Are advised to use available water and pastures responsibly while continuing to make follow up on daily weather forecasts.
- **Fishers from Oceans and Great Lakes:** Are advised to continue following daily weather forecasts and take precautions, especially during occurrences of strong winds and waves

These advisories aim to enhance agricultural productivity and reduce risks associated with hazardous weather conditions. Farmers and agriculture stakeholders are advised to use weather information effectively and consult local extension officers for enhanced agricultural production.

EXPECTED HYDROMETEOROLOGICAL CONDITIONS DURING SEPTEMBER 1-10, 2026

Water levels in dams and river flow discharges are expected to decrease in most areas due to prevailing dry conditions. Water users are advised to use water resources responsibly and spare water for future use.