

**HIGHLIGHTS**

- Dry conditions expected over most areas will likely favor ripening and drying of crops such as maize and sunflower as well as support harvesting of matured crops.
- The expected periods of strong winds are likely to affect fishing particularly activities along coastal belt and great lakes.

**SYNOPTIC SUMMARY DURING  
JUNE 1-10, 2024**

**D**uring the dekad, the southern hemisphere high pressure systems (St. Helena and Mascarenes) intensified while the northern hemisphere high pressure systems (Azores and Siberian) relaxed. This condition made the Inter Tropical Convergence Zone (ITCZ) move further north out of our country. The Sea Surface Temperatures (SSTs) over the southwestern Indian Ocean were slightly cooler than normal. This condition strengthened southerly and south-easterly winds thereby weakening precipitation-making mechanisms over the country.

The above weather systems favored dry conditions over most of the country with light rains over the coast and periods of strong winds over the entire coast and the major lakes.

**RAINFALL PERFORMANCE DURING  
JUNE 1-10, 2024**

**D**uring this dekad, most areas of the country were generally dry while a few areas in Kilimanjaro, Pwani, Morogoro, Kagera, Arusha, and Musoma regions received total dekad rainfall of less than 50mm. However, a few areas in Dar es Salaam and Tanga regions, as well as Unguja Island, experienced a dekad rainfall total of more than 50 mm as indicated in Figure 1.

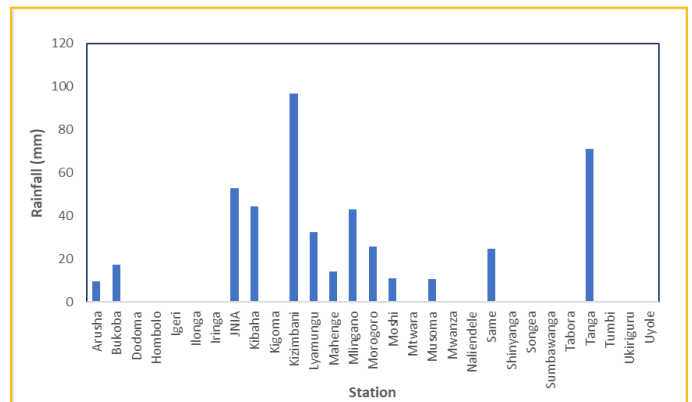


Figure 1: Total dekad rainfall for June 11-20, 2024

**AGROMETEOROLOGICAL SUMMARY  
DURING JUNE 11-20, 2024**

**D**uring this dekad, the dry conditions experienced over most part of the country favoured the ripening and drying of matured crops such as maize and sunflower as well as supported harvesting activities.

In most of the bimodal areas, maize crop was at wax to full ripeness stages except in areas around Lake Victoria where the crop was at full ripeness stage and farmers were engaged in harvesting activities.

Over unimodal rainfall pattern areas, maize crop was at full ripeness and farmers particularly in Mbeya, Rukwa, Kigoma, Mtwara and Tabora regions were engaged in harvesting activities.

Moreover, the paddy crop was at the full ripeness stage and farmers were finalizing harvesting activities.

The Sunflower was at the ripeness stages in Dodoma and Singida and farmers were engaging in harvesting while in Morogoro region the crop was at ripeness stage.

The wheat crop was at the wax ripeness stage, particularly in Njombe and Mbeya regions, while the bean crop was at the ripeness stage in Mbeya and Songwe regions.

Coffee crops were at the berry hard stage in the Kilimanjaro and Songwe regions

Water and pasture for livestock and wildlife were sufficient over most areas in the country.

**HYDROMETEOROLOGICAL CONDITIONS  
DURING JUNE 11-20, 2024**

**W**ater levels in dams and river flow discharges slightly decreased in most areas of the country.

**EXPECTED SYNOPTIC CONDITIONS  
DURING JUNE 21-30, 2024**

**D**uring this period, the southern hemisphere high pressure systems are expected to intensify while the northern hemisphere high pressure systems are expected to relax. This condition is expected to make the ITCZ move further north out of our country.

The SSTs over the southwestern Indian Ocean are expected to be slightly cool. This condition is expected to strengthen southerly and southeasterly winds thereby weakening precipitation-making mechanisms over our country.

**EXPECTED WEATHER CONDITIONS DURING  
JUNE 21-30, 2024**

**A**reas around the Lake Victoria Basin (Kagera, Geita, Shinyanga, Mwanza, Simiyu, and Mara regions), southwestern highlands (Rukwa, Songwe, Mbeya, Njombe, and Iringa regions), southern coast (Mtwara and Lindi regions), western regions (Kigoma, Katavi, and Tabora) and southern regions (Ruvuma and southern part of Morogoro region) and northern coast (Tanga, northern part of Morogoro, Pwani, and Dar es Salaam regions, including the isles of Unguja and Pemba) are expected to feature dry condition with periods of strong winds.

The central areas (Dodoma and Singida regions) and northeastern highlands (Arusha, Manyara, and Kilimanjaro region) are expected to feature dry conditions.

**AGROMETEOROLOGICAL OUTLOOK AND  
ADVISORY DURING JUNE 21-30, 2024**

**T**he dry conditions expected over most areas of the country will likely continue favoring the ripening and drying of matured crops such as maize and sunflower as well as support harvesting activities. However, the dry condition expected over bimodal areas is likely expected to affect the late-planted maize crops that are at the ripening stage.

Moreover, the expected periods of strong winds are likely to affect fishing activities mainly along the coastal belt and Great Lakes.

Farmers are advised to continue making follow-ups on crop conditions in consultation with extension officers from their localities.

Livestock keepers are advised to gather and store pastures for future use.

Fishing communities are advised to continue making follow up on daily weather forecasts, especially for the Indian Ocean and the Great Lakes to make decisions on the right time to go out for fishing to avoid the effects of severe weather particularly strong winds and large waves.

**EXPECTED HYDROMETEOROLOGICAL CONDITIONS  
DURING JUNE 21-30, 2024**

**W**ater levels in dams and river flow discharges over some areas of the country are expected to decrease slightly due to expected dry and windy conditions.