



No.6: 2019/20 cropping season

Review for November 21-30, 2019 and Outlook for December 1 - 10, 2019

**HIGHLIGHTS**

- During the dekad, farmers in the unimodal areas were mostly engaged in planting activities while weeding was the major activity over the bimodal areas
- The expected rainfall conditions will be favorable for improving soil moisture condition for crops and pastures over most areas of the country
- Farmers and livestock keepers are advised to continue with routinely farming activities and seek professional advice from Agricultural Extension Officers in their localities

**SYNOPTIC SUMMARY DURING NOVEMBER 21-30, 2019**

During this dekad, the northern hemisphere high pressure system (Azores and Siberian) intensified while the southern hemisphere high pressure system (St. Helena and Mascarene) relaxed and moved the Inter-Tropical Convergence Zone (ITCZ) towards southern hemisphere. The active phase of Madden Julian Oscillation (MJO) enhanced weather activities at times mainly over the Lake Victoria basin, western, southwestern highlands and central part of the country. Sea Surface temperatures (SSTs) were warm over the southwest Indian Ocean and southeast Atlantic Ocean (near Angola coast).

**RAINFALL PERFORMANCE DURING NOVEMBER 21 - 30, 2019**

During the dekad, most parts of the country received rainfall. More that 100 mm of rainfall were recorded in some parts of Lake Victoria basin, Manyara, Coast, Ruvuma, Lindi and Mtwara region as indicated in Figure 1.

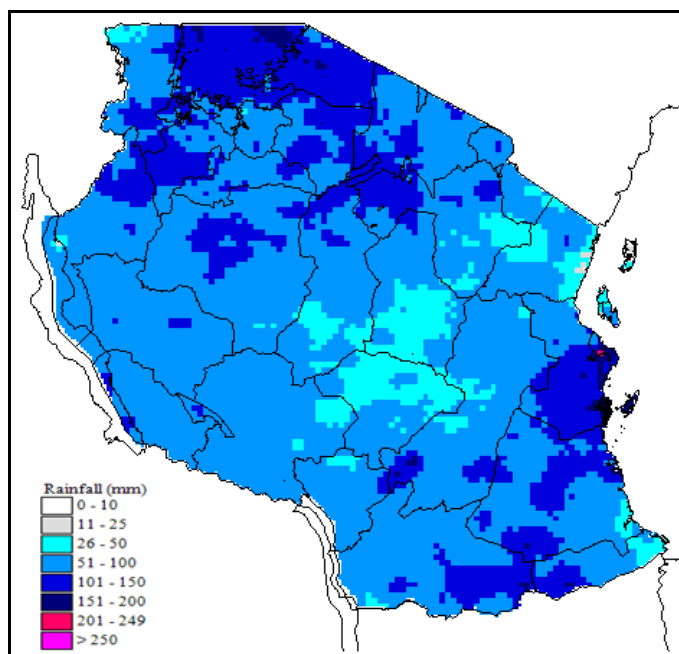


Figure 1: Rainfall total for the period of November 21 - 30, 2019.

**AGROMETEOROLOGICAL SUMMARY DURING NOVEMBER 21 - 30, 2019**

During this dekad, soil moisture continued to replenish over most parts of the bimodal areas. The dominant farming activity was weeding and crops were generally in

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good state. In some areas of the bimodal particularly Kagera and Mwanza regions, maize crop was at tasseling stage. Over the unimodal areas specifically regions of Tabora, Rukwa and Kigoma, planting was the major activity during the third dekad. Pastures and water availability for livestock and wildlife were improving over most parts of the country.

**HYDROMETEOROLOGICAL CONDITIONS  
DURING NOVEMBER 21-30 2019**

**W**ater levels in dams and river flow discharges were improving over most parts of the country.

**EXPECTED SYNOPTIC CONDITIONS  
DURING DECEMBER 1-10, 2019**

**D**uring this dekad, the Azores and Siberian high pressure systems are expected to continue intensifying while the St. Helena and Mascarene high pressure systems expected to relax and continue driving the movement of the ITCZ towards southern hemisphere. The MJO is expected to be in active phase fostering enhanced weather activities at times in most parts of the country. The SSTs are expected to be warmer over the southwest Indian Ocean and southeast Atlantic Ocean (near Angola coast).

**EXPECTED WEATHER CONDITIONS  
DURING DECEMBER 1 - 10, 2019**

**I**n view of the expected weather systems, areas around Lake Victoria basin (Kagera, Geita, Shinyanga, Mwanza, Simiyu and Mara regions), northeastern highlands (Arusha, Manyara and Kilimanjaro regions), northern coast (Tanga, northern part of Morogoro, Pwani and Dar es Salaam regions together with isles

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of Unguja and Pemba), western regions (Kigoma, Katavi and Tabora regions), central areas (Dodoma and Singida regions), southwestern highlands (Rukwa, Songwe, Mbeya, Njombe and Iringa regions), southern region (Ruvuma and Southern part of Morogoro regions) are expected to feature moderate rain showers over few areas.

Southern coast (Mtwara and Lindi regions) is expected to feature light rain showers over few areas.

**EXPECTED AGROMETEOROLOGICAL  
OUTLOOK AND ADVISORY DURING  
DECEMBER 1-10, 2019**

**T**he expected rainfall conditions is likely to improve soil moisture condition for crops and pastures over most areas of the country. Farmers are therefore advised to continue with routinely farming activities. However, farmers should always seek professional advice from Agricultural extension officers in their localities and take precautionary measures. Pastoralists are also advised to use the available water and pasture resources sparingly in consultation with extension officers.

**EXPECTED HYDROMETEOROLOGICAL  
CONDITIONS DURING DECEMBER 1-10 2019**

**W**ater levels in dams and river flow discharges are expected to continue slightly increasing mainly over Lake Victoria basin, Pangani, Rufiji and Wami/Ruvu. Water users are advised to continue using available water carefully.

*Prepared by*

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