



DEKADAL WEATHER REVIEW

No: 34: 2017/18 cropping season

Review for September 01-10 and Outlook for September 11-20, 2018

HIGHLIGHTS

- Due to ongoing dry conditions over most parts of country, livestock keepers are advised to make good use of the available water and pastures.
- Farmer of the bimodal areas are advised to continue with land preparations for the coming *Vuli* season.

SYNOPTIC SUMMARY DURING SEPTEMBER 01-10, 2018

The northern high pressure systems, (Azores and Siberian) continued to intensify while the southern high pressure systems (St. Helena and Mascarene) relaxed. Although the zonal arm of the ITCZ were still further north off the country, the meridional arm was extended further south thereby influenced some weather over the lake Victoria basin. Also the onshore south easterly flow were continued over the coastal areas. Over the south west Indian Ocean, sea surface temperatures (SSTs) was neutral, hence reducing the possibility of cyclonic activities. The southeast Atlantic Ocean (near Angola coast) SSTs were also neutral to slight warm which resulted into less westerly wind, hence suppress activities over the western sector of the country.

RAINFALL PERFORMANCE DURING SEPTEMBER 01-10, 2018

During the ten-day (dekad) period, the country was generally dry except a few areas in northern coast and Lake Victoria basin areas that recorded out of season rainfall less than 50mm.

AGROMETEROLOGICAL SUMMARY DURING SEPTEMBER 01-10, 2018

During the period under review, most parts of the unimodal and bimodal rainfall regimes were finalizing maize harvesting activities. Farmers in bimodal areas were also finalizing paddy and cotton harvesting activities.

Water and pasture were in good condition over much of the country except in Dodoma and Tabora where there was a slight decrease.

HYDROLOGICAL CONDITIONS DURING SEPTEMBER 01-10, 2018

Water levels in dams and river flow discharges were moderate across the country and good over Lake Victoria and Pangani basins.

EXPECTED SYNOPTIC CONDITIONS DURING SEPTEMBER 11-20, 2018

The Azores and Siberian highs are expected to continue intensifying while the St. Helena and Mascarene highs are expected to relax. Although the zonal arm of the ITCZ will still be further north off the country, the meridional arm will extend further south thereby influencing some weather over the lake Victoria basin. Also the onshore south easterly flow is expected to continue over the coastal areas. Over the south west Indian Ocean, sea surface temperatures (SSTs) is expected to continue being neutral, hence reducing the possibility of cyclonic activities. The southeast Atlantic Ocean (near Angola coast) SSTs is expected to be neutral to slight warm which is expected to result into less westerly wind, hence suppress activities over the western sector of the country.

EXPECTED WEATHER CONDITIONS DURING SEPTEMBER 11-20, 2018

In view of the expected synoptic conditions, the Lake Victoria Basin (Kagera, Geita, Shinyanga, Mwanza, Simiyu and Mara regions) are expected to have showers and thunderstorms over few areas.

Northern coast (Tanga, Northern part of Morogoro, Pwani and Dar es Salaam regions together with isles of Unguja and Pemba) and Southern Coast (Mtwara and Lindi regions) are expected to have showers over few areas.

Northeastern highlands (Arusha, Manyara and Kilimanjaro regions), Western regions (Kigoma, Katavi and Tabora regions) and Central areas (Dodoma and Singida regions), Southwestern highlands (Rukwa, Songwe, Mbeya, Njombe and Iringa regions) are expected to have mainly partly

cloudy conditions.

Southern region (Ruvuma and Southern part of Morogoro regions) are expected to have partly cloudy conditions.

AGROMETEOROLOGICAL OUTLOOK AND ADVISORY DURING SEPTEMBER 11-20, 2018

The expected dry conditions are likely to favor crop drying and storage activities, and it may lead to further reduction in water and pastures for livestock. Livestock keepers are advised to make good use of the available water and pasture. Farmers are also advised to store surplus to avoid food scarcity.

For the bimodal rainfall regimes areas, farmers are advised to continue with land preparations for coming *vuli* season. Farmers, fishers and livestock keepers are advised to consult extension officers for optimal use of this forecast and advisory.

HYDROLOGICAL OUTLOOK AND ADVISORY DURING SEPTEMBER 11-20, 2018

Water levels in dams and river flow discharges are expected to remain moderate. Water users are therefore advised to use available water sparingly.

Prepared by

TANZANIA METEOROLOGICAL AGENCY
3rd Floor - Ubungo Plaza - Morogoro Road.

P.O. Box 3056 Tel. 255 - (0) 22 - 2460706-8; Fax: 255 - (0) 22 - 2460718 E-mail: (1) met@meteo.go.tz (2) agromet@meteo.go.tz; website: www.met@meteo.go.tz

Dar es Salaam UNITED REPUBLIC OF TANZANIA