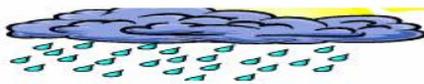




# TANZANIA METEOROLOGICAL AGENCY



## DEKADAL WEATHER REVIEW

No. 35, 2009/10 Cropping Season

August 11-20, 2010

### HIGHLIGHTS

**During the period under review, most farmers across the country were through with harvesting activities and started planning for the coming cropping season.**

### SYNOPTIC SITUATION

During the second dekad of August 2010, the southern hemisphere systems (St. Helena and Mascarene anticyclones) remained relatively intense while the Siberian anticyclone and the associated Arabian Ridge in the northern hemisphere and the East African Ridge to the southern hemisphere relaxed slightly.

### RAINFALL SUMMARY

During the second dekad of August most of the areas were seasonally dry. The recorded amounts of rainfall exceeding 10 mm were mainly over northern coast areas where Tanga reported the highest value of 38.7 mm followed by Pemba 10.6 mm. Other stations were Lyamungo (northeastern highlands) 5.4 mm, Zanzibar 4.0 mm, Mahenge (southern) 2.0 mm, and Igeri, Handeni, Arusha, Moshi, Morogoro, and KIA which reported rainfall not exceeding 1.0 mm.

### IMPACT ASSESSMENT

#### *Agrometeorological and Crop Summary*

During the period under review, few farmers across the country were still finalizing harvesting activities, mainly those over parts of high altitude areas of southwestern highlands (Njombe), northeastern highlands (Lyamungo) and northern coast (Mlingano). The rest have completed their seasonal cropping

activities and are now having a breather while planning for the coming cropping season. Generally good harvests were realized over most parts of the country during 2009/2010 cropping season except for a few areas that reported below average levels, mainly those located over the central, southern coast and northeastern parts of the country.

Market supply for cassava over several areas continued fairly well. Pasture and water availability have started declining, but livestock conditions are still good

#### *Hydro-meteorological Summary*

Water levels in lakes and dams and river flows have started declining due to the prevailing dry season, thus water for human and industrial usage, and hydro-power generation should be used sparingly.

#### *Environmental Summary*

Cool temperatures over most areas in the country have led to comfortable conditions at night although over high altitude areas cold temperatures were uncomfortable as reported from Mbeya, Sumbawanga (southwestern highlands), Mbulu and Meru districts (northeastern highlands).

### EXPECTED SYNOPTIC SYSTEMS DURING AUGUST 21-31, 2010

The coming dekad is likely to be associated with a slight relaxation of the southern hemisphere systems (the Mascarene and St. Helena anticyclones together with the East African ridge) while the Azores and Siberian anticyclones together with the Arabian ridge

in the northern hemisphere are likely to remain weak. A southerly to southeasterly flow is expected to persist over the country.

**EXPECTED WEATHER SITUATION  
DURING AUGUST 21-31, 2010**

Lake Victoria Basin (Kagera, Shinyanga, Mara and Mwanza regions) is likely to experience mainly dry conditions with a few thunderstorms. Northern coast and hinterland (Dar es Salaam, Morogoro, Tanga and Coastal regions) are likely to experience mainly dry conditions while the Islands of Unguja and Pemba) are expected to experience occasional light showers.

Southern Coast (Mtwara and Lindi regions): Most areas are expected to experience mainly dry conditions with occasional light showers. Northeastern Highlands (Arusha, Kilimanjaro and Manyara regions) are expected to continue experiencing relatively low temperatures. Southwestern highlands (Rukwa, Mbeya and Iringa regions) are expected to experience low night temperatures associated with chilly weather mainly over high grounds.

Southern region (Ruvuma region) and part of Mahenge are expected to experience outbreaks of light showers mainly over high grounds near the Lake Nyasa. Kigoma region is expected to feature mainly partly cloudy conditions.

Central (Dodoma and Singida regions) and Tabora region are expected to feature relatively low temperatures during the night and early morning hours.

*Prepared by*

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