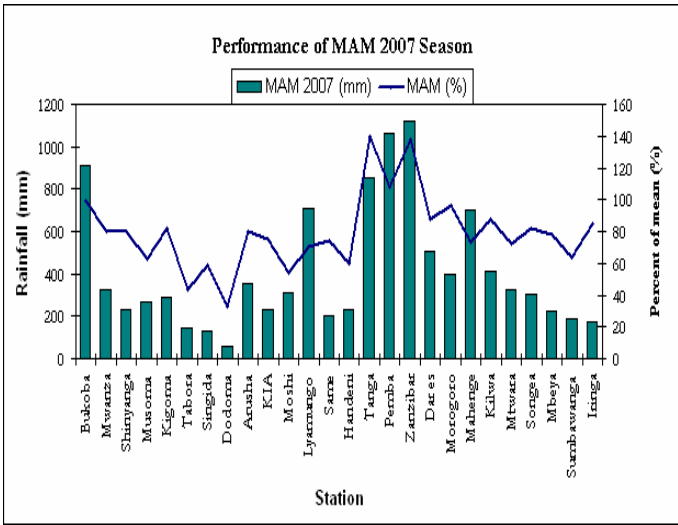


SEPTEMBER – DECEMBER 2007 HIGHLIGHTS

- Eastern Sector and parts of Central areas to receive normal to below normal rainfall
- Lake Victoria Basin, western areas, parts of north-eastern and south-western highlands to receive normal to above normal rainfall.

SUMMARY MARCH- MAY 2007 SEASON

Most parts of the country received normal to above normal rainfall during March to May 2007 rainfall season. However, Central areas recorded below normal rainfall.



EXPECTED WEATHER AND CLIMATE SYSTEMS SEPT- DEC 2007

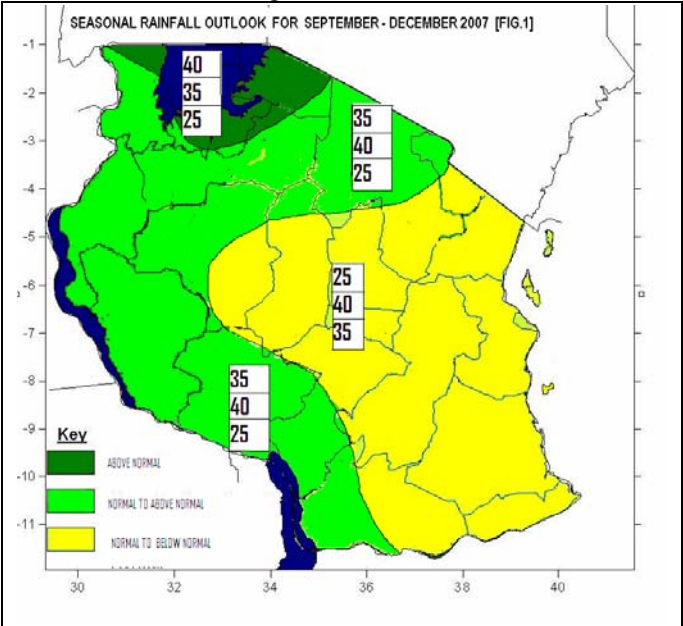
Sea Surface Temperatures (SSTs) in the tropical Pacific Ocean show a cooling trend which implies that weak *La Nina* conditions are present across the tropical Pacific Ocean and are to persist through the end of the year. SSTs are generally near neutral condition over Indian and Atlantic Oceans with

pockets of warm waters in western Indian and pockets of cooler waters in the east near Indonesia.

Seasonal Outlook

Short Rains (*Vuli*)

On the basis of the weak *La Nina* and other climate indicators like the Indian Ocean Sea Surface Temperature, the September to December rainfall season is more significant for the northern sector of the country (North Coast, North Eastern Highlands, Lake Victoria Basin and Northern Kigoma). The short rains (*Vuli*) season in the northern (bimodal rainfall) sector of Tanzania is due to commence from mid - September to mid October 2007 as shown in Figure 1.



Lake Victoria basin (Kagera, Mara and Mwanza regions): Rains are expected to start during the

second to third week of September 2007 in Kagera region gradually spreading to other areas (Mwanza and Mara regions) during the fourth week of September 2007. These rains are expected to be above normal. Southern parts of Kagera and northern Kigoma regions will receive normal rainfall with pockets of above normal.

Northern coastal areas and hinterland (Dar es Salaam, Tanga, Coast, and north Morogoro regions and isles of Zanzibar and Pemba): The rains are expected to commence around first week of October 2007 and are expected to be mainly normal with a few areas getting below normal rainfall.

Northeastern highlands (Kilimanjaro, Arusha and Manyara regions): The onset is expected during the third to fourth week of October. These areas are expected to receive normal to above normal rainfall in most parts except for areas over southern Arusha and Kilimanjaro regions which are likely to receive normal to below normal rainfall.

Seasonal Rains

Western areas (western Tabora, Rukwa, Kigoma, northern and western Shinyanga regions):

The seasonal rains are likely to set in during the first week of November. These rains are expected to be mainly normal to above normal.

Central, Eastern Tabora, Southern (Singida, Dodoma, northern Iringa, eastern Ruvuma, Mtwara and Lindi regions): Onset of the seasonal rains over these areas is expected in the third and fourth week of November 2007, with a likelihood of being normal over most areas and below normal in some parts.

Southwestern areas (Mbeya, southern Iringa and western Ruvuma regions): Onset of the seasonal rains over these areas is expected in the third and

fourth week of November 2007, with a likelihood of being normal in most parts and above normal in some parts.

ADVISORY

Short rains (*Vuli*) Areas

In order to take full advantage of the anticipated rainfall situation, farmers over Lake Victoria basin are advised to complete land preparations and acquisition of farm inputs for normal *vuli* cropping season while farmers over the northeastern highlands should continue with land preparations for a normal cropping season.

Farmers over the northern coast are advised to finalize land preparations, and acquisition of farm inputs, and plant quick maturing and drought tolerant crops.

Seasonal rains (*Msimu*) Areas

Farmers over the western regions (western Tabora, Rukwa, Kigoma, northern and western Shinyanga) and southwestern highlands (Mbeya region and southern Iringa) should continue with preparations for a normal cropping season.

Over central and southern regions (eastern Tabora, Singida, Dodoma, northern Iringa, Ruvuma, Mtwara na Lindi) farmers are advised to continue with land preparations and farm inputs for quick maturing and drought tolerant crops.

Pastures and Water for Livestock

The condition of pastures and water availability for livestock is anticipated to improve earlier over places that receive *vuli* rains, followed by regions that experience seasonal rains.

Farmers are strongly advised to seek more advice from agricultural extension officers.

Prepared by

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