



REGIONAL FOOD SECURITY PROGRAMME

Special Agromet-Update

Seasonal Climate Forecast

2003/2004 Growing Season

SPECIAL ISSUE



Month: September

Season: 2003/2004

Release date: 12-09-2003

Summary: The seventh Southern Africa Regional Climate Outlook Forum was held from 3 to 4 September 2003 in Lusaka, Zambia. The main objective of the forum was to come up with a consensus forecast regarding the prospects for the 2003/2004 rainy season. Indications of the forecast are that south-western and eastern parts of the SADC region (South Africa, northern Mozambique and Malawi, Seychelles, southern Tanzania and Namibia) are likely to receive normal to below normal rainfall for the period October to December 2003. The rest of the region is likely to experience normal to above normal rainfall during the same period. During the second half of the season, January to March 2004, there are high probabilities of normal conditions across much of southern Africa. However, there is a chance of rainfall sliding into the below-normal category over the western parts of the region (South-western and central Botswana, southern Namibia and western South Africa).

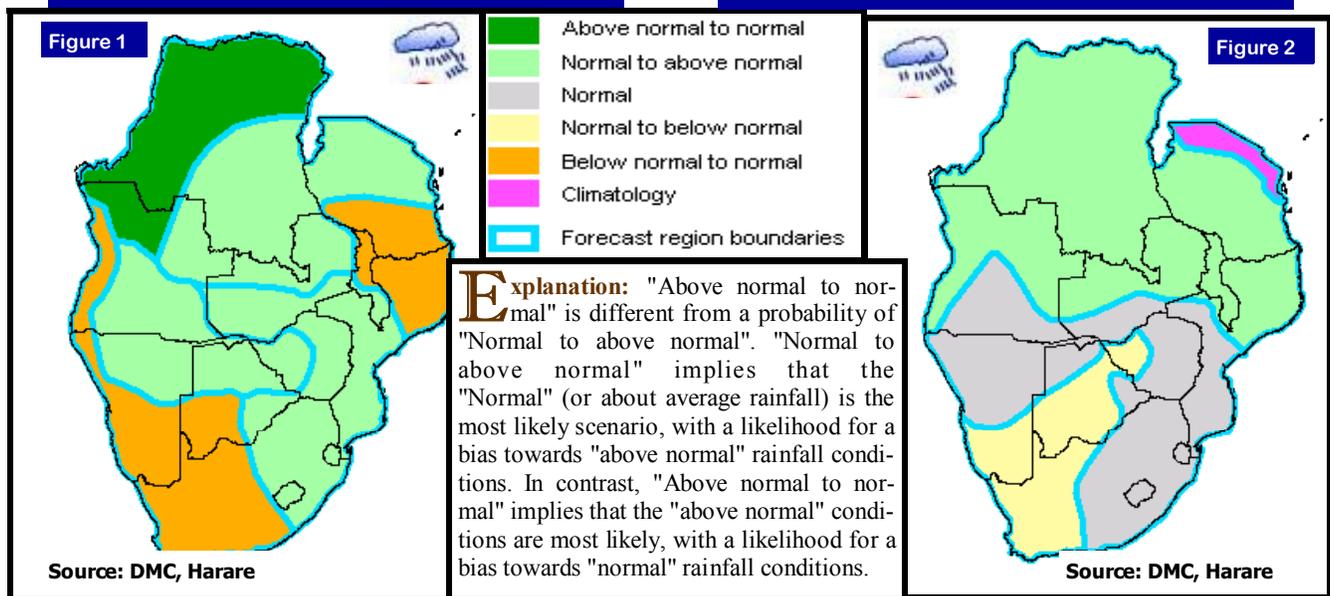
No early indications for extreme climate conditions in 2003/2004 season

Early indications of causes of unusually heavy rainfall and of exceptionally dry conditions for the coming rainfall season, 2003/2004 are weak. This was established at the SARCOF meeting held in Lusaka, Zambia, organized by SADC DMC, from 01-04 September 2003. This was based largely on recent satellite measurements of sea temperatures, including El Niño in the Pacific Ocean. Annually, the amount of rainfall varies considerably across the

SADC region. Users need to interpret these predictions relative to what they are used for. National Meteorological Services, may provide additional guidance relative to the situation in each country as the season progresses. This applies to tropical cyclone conditions that cannot be predicted at the moment. Both timing and amount of rain cannot be predicted precisely, and it was reiterated that rainfall is more difficult to predict in the absence of unusual climatic indicators. In comparison with

Probability Rainfall Forecast for Oct-Nov-Dec 2003

Probability Rainfall Forecast for Jan-Feb-Mar 2004



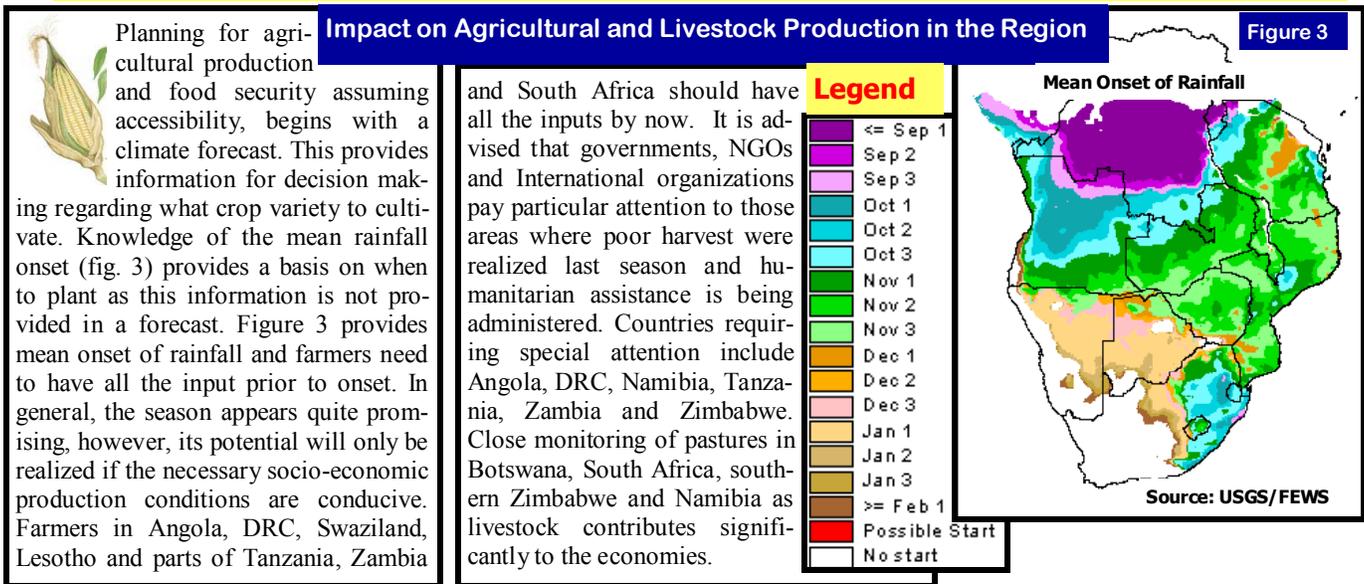
last season when there was an El Niño and the Indian Ocean was unusually warm, scientists were being more cautious in issuing their predictions for the 2003/2004 season. It was emphasized that although normal rainfall is the most

likely outcome, heavy rainfall and exceptionally dry conditions could still occur in some areas. The RRSU and DMC will continue to monitor adverse weather and report accordingly.

Food Security Sustainable food security in the region may only be realized if appropriate strategies are applied during the growing season. With significant grain deficits in two consecutive seasons and millions of people in need, input availability is critical.

This **Special Issue** of the Agromet Update is a joint product of the SADC Regional Early Warning Unit (REWU); Regional Remote Sensing Unit (RRSU), and USAID FEWSNET.

Financial assistance for the production of the bulletin is provided by the European Commission through FAO.



Probability of Satisfying 80% Crop Water Requirement in 2003/2004 season

