

Monitoring agricultural vegetation in Somalia using SPOT VGT Vegetation Index, AFRICOVER and ECMWF Global Meteorological Modelling

10-day product: 21 - 30 September 2004

Year **2004** No. **27**

Date 11.10.2004

Agricultural areas Awdal Galbeed **Ethiopia** Tog Bakool Hiran mai Middle Shabelle Bay NDVI - Diff. Large Decr. Small Decr. No Change Middle Small Incr. Large Incr. Missing

Normalized Difference Vegetation Index (NDVI)
Absolute difference w.r.t. previous year (Act. – Prev.)
Period: September 2004 Dekad: III

_ower Jub

Somalia Ethiopia *1 1-10 10-20 20-40 40-60 60-80 80-100 100-150

10-day cumulated rainfall
Period: September 2004 Dekad: III
Data derived from ECMWF model
Produced by METEOCONSULT

Highlights

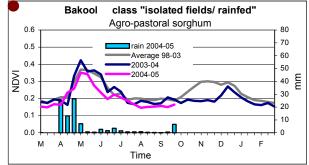
Rainfall

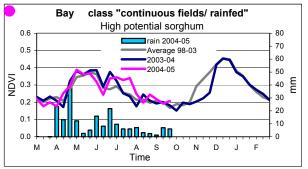
The ECMWF model shows some low rainfall in many areas of the country with peaks of 20-40 mm in the Southern coastal regions. No rain occurred in the drought affected North East.

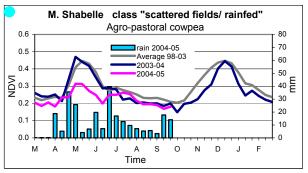
Crops

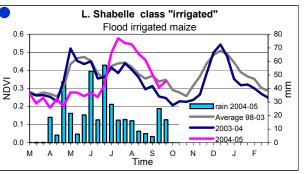
The greenness of agricultural vegetation is generally low due to the dry season. The *Gu* crop cycle in *Lower Shabelle* shows a clear temporal shift due to the late rain this year.

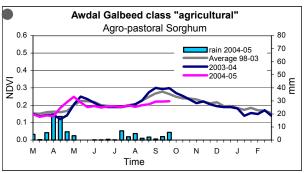
In Awdal Galbeed the second crop season is significantly delayed by the scarce rainfall received so far by this region.











A technical description of the *Gu* production forecast can be found here: ftp://mars.jrc.it/bulletin/Somalia/2004/

150 - 200

egend: Food crop situation:
Very bad; Bad; Near Normal; Good; Very Good

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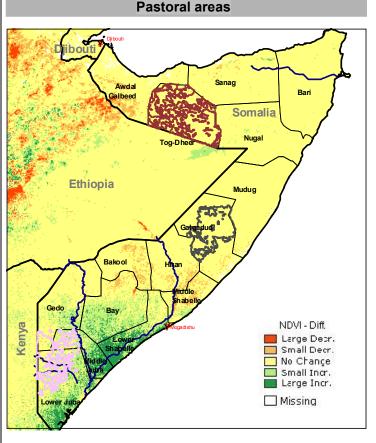


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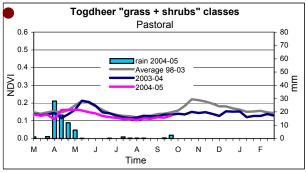
Period: September 2004 Dekad: III

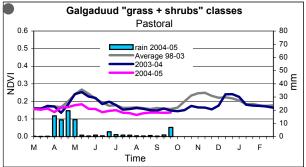
Highlights

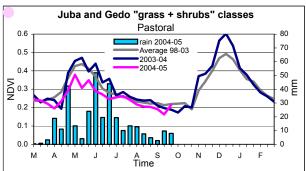
Pastures

The conditions for pastoral livelihoods remain extremely critical in the Northern and Central parts of the country. Good rainfall is needed to alleviate the effects of long term drought.









MARS-Food provides regular 10-daily updates on the progress of the 2004 crop seasons. This bulletin is available also through the "Crop and Rangeland Monitoring Network for the Greater Horn of Africa": http://marsunit.jrc.it/Africa/

All MARS-Food crop monitoring products are also accessible through the "Risk & Vulnerability" section of the JRC Digital Map Archive: http://dma.jrc.it

Comments and remarks for improvement of this bulletin are welcome.

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