

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

10-day product: 11 - 20 September 2004

Year **2004** No. **26**

Date **24.09.2004**

Agricultural areas Awdal Galbeed Ethiopia Tog Bakool Hiran mai Middle Shabelle Bay NDVI - Diff. Large Decr. Shabell 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: II

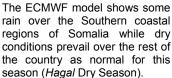
ower Ju

Somala Ethiopia -1 1-10 10 - 20 20 - 40 40 60 60 - 60 80 - 100 100 - 150 150 - 240

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

Highlights

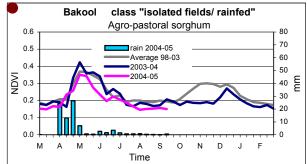
Rainfall

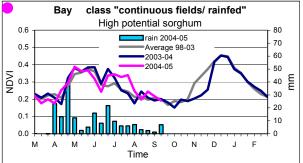


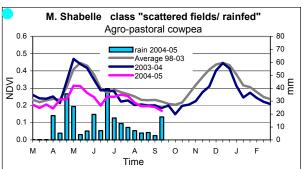
Crops

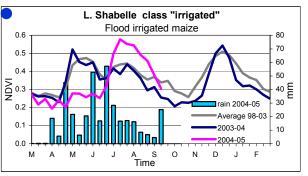
The greenness of agricultural vegetation is generally low due to the dry season. The *Gu* crop cycle in *Lower Shabelle* shows a clear temporal shift due to the late rain this year.

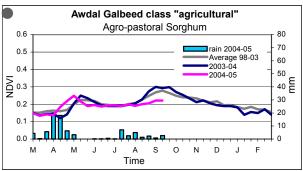
In Awdal Galbeed the second crop season is significantly delayed by the scarce rainfall received so far by this region.











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



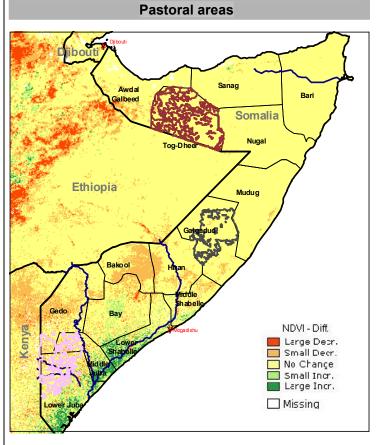
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Normalized Difference Vegetation Index (NDVI)

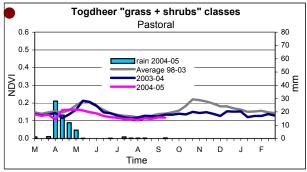
Absolute difference w.r.t. previous year (Act. – Prev.) Period: September 2004 Dekad: II

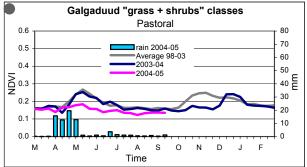
Highlights

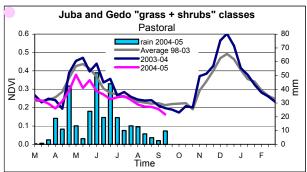
Pastures

The conditions for pastoral livelihoods remain extremely critical in the Northern and central parts of the country.









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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