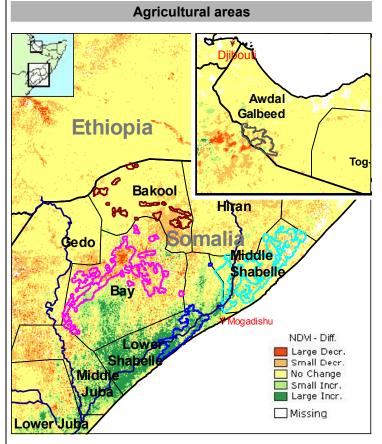


Monitoring agricultural vegetation in Somalia using SPOT VGT Vegetation Index, AFRICOVER and **ECMWF Global Meteorological Modelling**

Year 2004 No. 23

Date 26.08.2004

10-day product: 11 - 20 August 2004



Normalized Difference Vegetation Index (NDVI)

Absolute difference w.r.t. previous year (Act. – Prev.)

Period: August 2004 Dekad: II

Ethiopia 1 - 10 10 - 20 20 - 40 Mogadishu 40 60 80 - 100

10-day cumulated rainfall

Period: August 2004 Dekad: II Data derived from ECMWF model Produced by METEOCONSULT

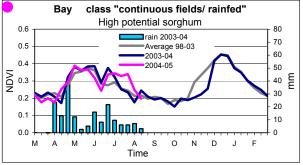
Highlights

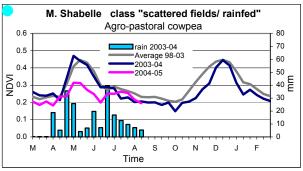
Rainfall

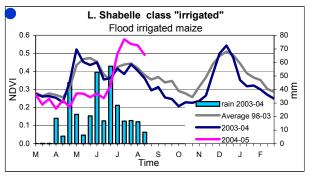
Some low rainfall is visible over the southern coastal regions of the country while the situation in northern pastoral areas remains dry.

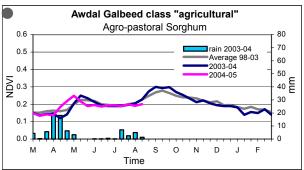
The greenness of agricultural vegetation is low after the end of the Gu season, with exception of Lower Shabelle where the late rain led to a delayed crop cycle. The overall cereals production in Southern Somalia is significantly worse than in 2003.

Bakool class "isolated fields/ rainfed" Agro-pastoral sorghum 0.6 80 70 rain 2003-04 0.5 60 Average 98-03 0.4 2003-04 50 2004-05 NDV 0.3 40 E 30 0.2 20 10 0.0 0 Μ Α Μ J S D Time









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

100 - 150 150 - 200

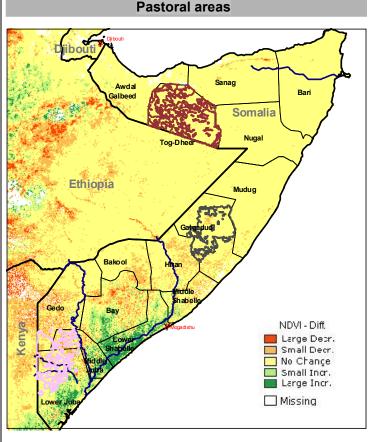


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10-day product: 11 - 20 August 2004

Year **2004** No. **23**

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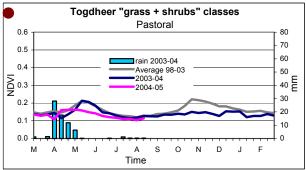
Normalized Difference Vegetation Index (NDVI)
Absolute difference w.r.t. previous year (Act. – Prev.)
Period: August 2004 Dekad: II

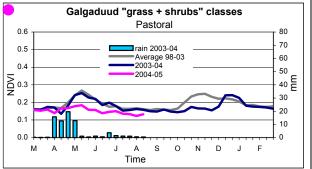
Highlights

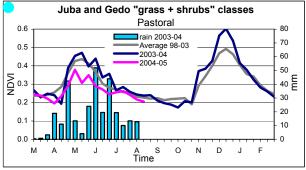
Pastures

The dryness of the northern and central pastoral areas has not improved during the Gu season. Following at least two very dry years this situation has lead to extremely hard conditions for livestock and pastoralists.









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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