

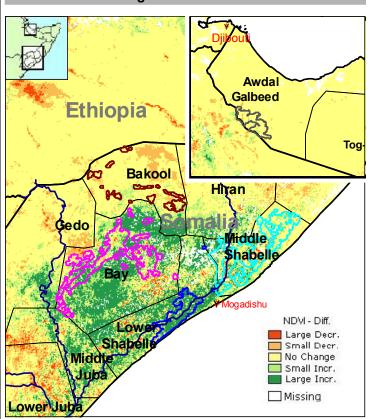
## Monitoring agricultural vegetation in Somalia using SPOT VGT Vegetation Index, AFRICOVER and **ECMWF Global Meteorological Modelling**

10-day product: 11 - 20 July 2004

Year 2004 No. 20

Date 29.07.2004

# **Agricultural areas**

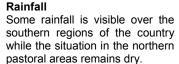


#### Normalized Difference Vegetation Index (NDVI) Absolute difference w.r.t. previous year (Act. – Prev.)

Period: July 2004 Dekad: II

Ethiopia

## **Highlights**



#### Crops

With the exception of Bay, the effects of short and insufficient Gu rains are clearly visible. Following the late rains vegetation is very green in Southern Somalia and particular in Lower Shabelle. Based on VGT NDVI and agricultural statistics obtained by FSAU, a Gu production forecast for Bay and Lower Shabelle was made as follows: Bay (sorghum):

41060 MT +/- 17607 MT Lower Shabelle (maize): 49905 MT +/- 7845 MT

ftp://mars.jrc.it/bulletin/Somalia/2004/

1 - 10

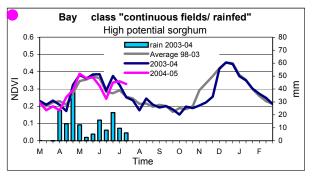
10 - 20 20 - 40

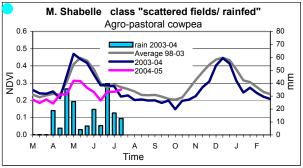
80 - 100

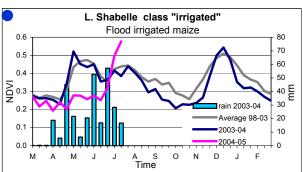
100 - 150 150 - 200

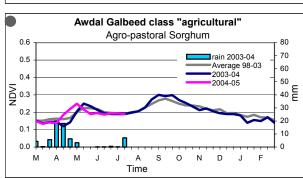
40 60

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 М Α М J S Time









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

Mogadishu

A technical description of the *Gu* production forecast can be found here:

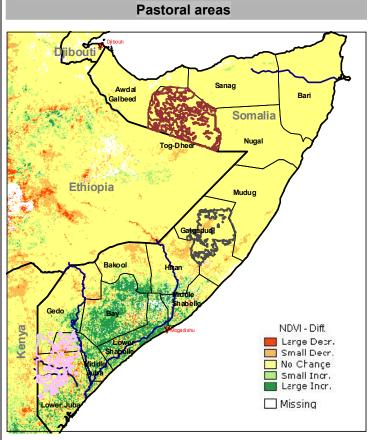


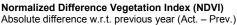
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10-day product: 11 - 20 July 2004

Year **2004** No. **20** 

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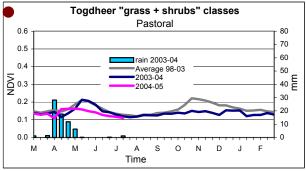
Period: July 2004 Dekad: II

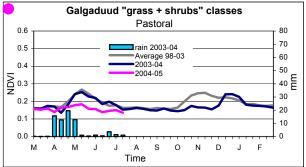
### **Highlights**

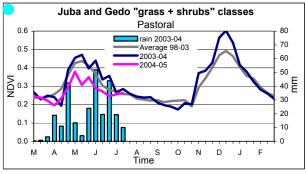
#### **Pastures**

The dryness of the northern and central pastoral areas has not improved so far during the Gu season.









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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