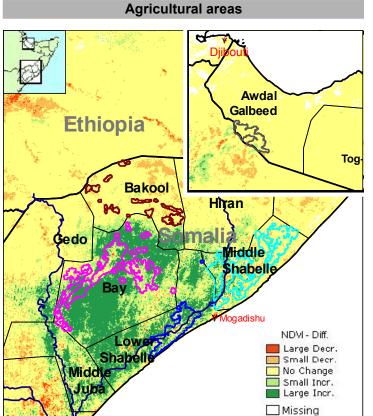


Monitoring agricultural vegetation in Somalia using SPOT VGT Vegetation Index, AFRICOVER and ECMWF Global Meteorological Modelling

Year **2004** No. **21**

Date **06.08.2004**

10-day product: 21 - 31 July 2004



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

Period: July 2004 Dekad: III

ower

Spmalla Ethiopia 11-10 110 - 20 20 - 40

10-day cumulated rainfallPeriod: July 2004 Dekad: III Data derived from ECMWF model Produced by METEOCONSULT

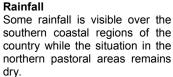
Mogadishu

40 60

80 - 100

100 - 150 150 - 200

Highlights



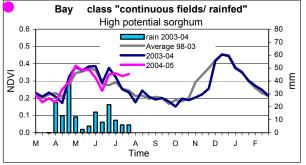
Crops

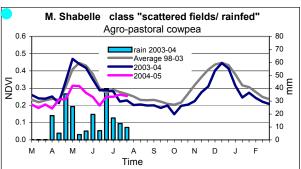
With the exception of Bay, the effects of short and insufficient Gu rains are clearly visible. the rains Following late vegetation is very green in Southern Somalia particular in Lower Shabelle. Based on VGT NDVI and agricultural statistics obtained by FSAU, a Gu production forecast for Bay and Lower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

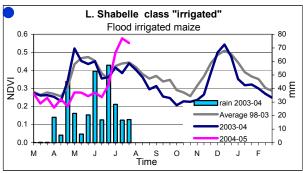
41060 MT +/- 17607 MT Lower Shabelle (maize): 49905 MT +/- 7845 MT

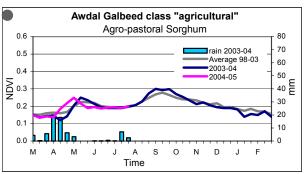
A technical description of the *Gu* production forecast can be found here: ftp://mars.jrc.it/bulletin/Somalia/2004/

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 D Time









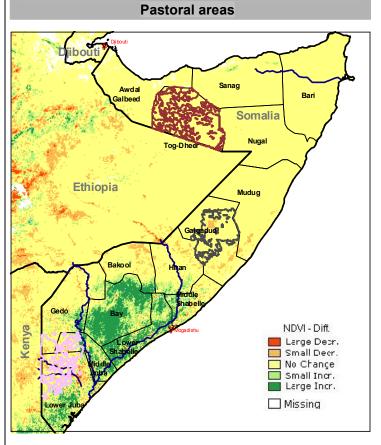


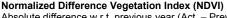
Monitoring agricultural vegetation in Somalia using SPOT VGT Vegetation Index, AFRICOVER and **ECMWF Global Meteorological Modelling**

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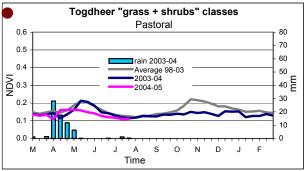
Absolute difference w.r.t. previous year (Act. - Prev.) Period: July 2004

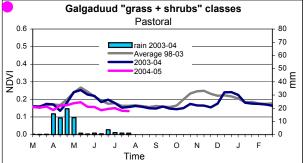
Highlights

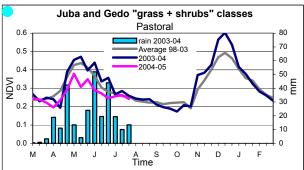


The dryness of the northern and central pastoral areas has not improved so far during the Gu season.









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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