

# INUNDATED AREA FROM 1999 UNTIL JULY 2013, EASTERN SUDAN

Analysis with SPOT Data Acquired from 1999 until July 2013

This map illustrates satellite-detected small temporary water bodies, wetlands and other humid areas as measured every 10 days between 1999 and July 2013 by SPOT satellites. Each pixel therefore indicates how many decadal (ten day) periods within the 14 years sampling period experienced some form of inundation or wetland conditions. Darker pixels indicate

areas with relatively higher frequency of inundations, while lighter pixels indicates areas with less frequent inundations. This is a preliminary analysis & has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.

**Flood Event**

Production Date:  
10/09/2013

Version 1.0

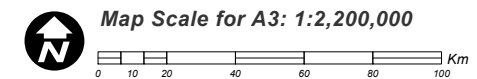
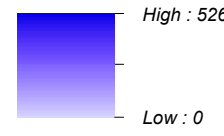
Activation Number:  
FL20130806SDN



**LEGEND**

- AIRPORT
- PORT
- Cities of Interest
- International Border
- Province Border
- District Border

**Inundation Index (Maximum Possible Value: 526)**



Satellite Data: Water Bodies - SPOT / VEGETATION  
 Imagery Dates: 1999 - July 2013  
 Resolution: 1 km  
 Copyright: Copernicus Global Land Service, 2013  
 Source: VITO NV  
 Road Data: Google Map Maker / OSM / ESRI  
 Other Data: USGS, UNCS, NASA, NGA  
 Analysis: UNITAR / UNOSAT  
 Production: UNITAR / UNOSAT  
 Analysis conducted with ArcGIS v10.1

Coordinate System: WGS 1984 UTM Zone 37N  
 Projection: Transverse Mercator  
 Datum: WGS 1984  
 Units: Meter

The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. UNOSAT is a program of the United Nations Institute for Training and Research (UNITAR), providing satellite imagery and related geographic information, research and analysis to UN humanitarian and development agencies and their implementing partners.

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