

MSG - SEVIRI - Normalized Difference Vegetation Index - West Africa -

0.05

General information

Dataset name: MSG - SEVIRI - Normalized Difference Vegetation Index - West Africa - 0.05

Created on: 2016-11-28

Useful in the framework of: OPERATIONAL-DATA > Satellite products

Purpose: This NDVI product is generated by the POSTEL Service Center, using the spectral directional albedos at 0.6 μ m and 0.8 μ m derived from the SEVIRI/MSG data processed by the LSA SAF operational node at the Institute of Meteorology of Portugal. The NDVI is in the physical range [-0.2, 1].

Projection:

The original LSA SAF products are presented in the satellite MSG projection. They have been put in the geographical lat/lon projection (plate-carrée) with a grid step equal to 0.05°. The West_Africa area, which covers the zone from 24.98° West to 24.98° East, and from 4.98° South to 19.98° North, have been extracted from the 0.05° resolution grid. The pixels of the grids are located by the coordinates of their center.

Product Quality:

The NDVI over West Africa display a line of no-data pixel for 0° of latitude. This is an impact of a problem concerning the cloud mask in the original LSA SAF algorithm. This effect has been corrected from November 1st, 2005.

Contact(s)

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Instrument

Satellite: MSG

Instrument: SEVIRI

Instrument type: Imaging Spectrometers/Radiometers

Parameter

Normalized Difference Vegetation Index

Parameter name:	Normalized Difference Vegetation Index
Parameter keyword:	Biosphere > Vegetation > Vegetation Index

Coverage

Temporal coverage

Date begin (yyyy-mm-jj):	2005-09-01
Date end (yyyy-mm-jj):	2012-10-01

Geographic coverage

Area name:	MSG
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Data resolution

Temporal resolution:	0000-00-01 00:00:00
Latitude resolution:	0.05
Longitude resolution:	0.05

Data use information

Use constraints:	Public data
Data policy:	AMMA data policy
Original data format(s):	NetCDF