

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

0.05

General information

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|-----------------------------|---|
| 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: | <p>This NDVI product is generated by the POSTEL Service Center, using the spectral directional albedos at 0.6μm and 0.8μm 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].</p> <p> </p> <p>Projection:</p> <p>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.</p> <p> </p> <p>Product Quality:</p> <p>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.</p> |

Contact(s)

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Instrument

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| Satellite: | MSG |
| Instrument: | SEVIRI |
| Instrument type: | Imaging Spectrometers/Radiometers |

Parameter

Normalized Difference Vegetation Index

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

Coverage

Temporal coverage

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

Geographic coverage

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|------------|-----|
| Area name: | MSG |
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Data resolution

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

Data use information

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