

Documentation for MODIS NDVI Processing

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Code

Code for producing the associated data is located at <https://code.earthengine.google.com/1047b7d89d5e020674a5f61a06092af6>.

Metadata

- *Dataset Name:* MOD13Q1.006 Terra Vegetation Indices 16-Day Global 250m
- *Dataset Link:* <https://explorer.earthengine.google.com/#detail/MODIS%2F006%2FMOD13Q1>
- *Processing Date:* August 21-24, 2018
- *Resolution:* 250 m
- *Type:* Maximum NDVI (within year)
- *Values:* 0-1
- *Scalar:* N/A
- *Projection:* WGS84
- *Bounds:*
 - *If labeled USA:* USA, incl. AK, HI, and Puerto Rico
 - *If labeled MCMURDO:* McMurdo Station, Antarctica and surrounding area
 - *If labeled PALMER:* Palmer Station, Antarctica and surrounding area

QA/QC

Data were processed to remove poor-quality pixels. Pixels marked as cloudy were removed, as were those covered with snow, ice, or shadow.

QA values that were used for this product are listed below. See the Earth Engine documentation linked above ('Dataset Link') for specifics.

- *Property Name:* QC_Day
- *Accepted Values:*
 - *VI Quality (MODLAND QA Bits):* 0, 1
 - *VI Usefulness:* 0-12
 - *Aerosol Quantity:* any
 - *Adjacent Cloud Detected:* any
 - *Atmosphere BRDF Correction:* any
 - *Mixed Clouds:* any
 - *Land/Water Mask:* any
 - *Possible Snow/Ice:* 0
 - *Possible Shadow:* 0

Notes

The sites in Antarctica have all nan values since they have little/no vegetation and lots of snow/ice.