

# Documentation for MODIS NDVI Processing

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## Code

Code for producing the associated data is located at <https://code.earthengine.google.com/810b9872cb198030b2992f704c9cb982>.

## 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:* November 12-13, 2018
- *Resolution:* 250 m
- *Type:* Maximum NDVI (within year)
- *Values:* 0-1
- *Scalar:* N/A
- *Projection:* WGS84
- *Bounds:* global

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