

Documentation for MODIS LST Processing

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Code

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

Metadata

- *Dataset Name:* MOD11A2.006 Terra Land Surface Temperature and Emissivity 8-Day Global 1km
- *Dataset Link:* <https://explorer.earthengine.google.com/#detail/MODIS%2F006%2FMOD11A2>
- *Processing Date:* November 12-13, 2018
- *Resolution:* 1000 m
- *Type:* Mean Annual Daytime LST
- *Units:* K
- *Scalar:* N/A
- *Projection:* WGS84
- *Bounds:* global

QA/QC

Data were processed to remove poor-quality pixels. All pixels remaining in the dataset had emissivity errors of less than or equal to 0.01. Value errors are limited to less than or equal to 2 K.

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:*
 - *Mandatory QA Flags:* 0, 1
 - *Data Quality Flag:* any
 - *Emissivity Error Flag:* 0
 - *LST Error Flag:* 0, 1