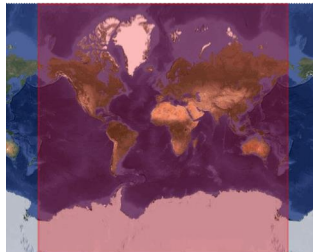


MODIS Aqua Level 3 Thermal IR Annual 9km Daytime

Entry ID: PODAAC-MODSA-TAN9D

[[Update this Record](#)]**Summary**

Abstract: The **MODIS Aqua** and Terra Global Level 3 Mapped Thermal and Mid-IR SST product consists of sea surface **temperature** (SST) data that are derived from the NASA **MODIS** sensor on board the **Aqua** and Terra satellites. SST is derived from the 11 and 12 um thermal IR infrared (IR) bands (**MODIS** channels 31 and 32) and the 3 and 4 mid-IR bands (**MODIS** channels 20,21,22 and 23). The data have been mapped to a cylindrical equidistant map projection with 4.63 or 9.26 km spatial bins. The temporal resolution is daily, weekly (8 day), monthly or annual. The file format for all data is HDF version 4. Read software written in C, Fortran and Interactive Data Language (IDL) are provided.

Geographic Coverage

43x Google

92m-0301108

N: 90.0 S: -90.0 E: 180.0 W: -180.0

Data Set Citation

Dataset Originator/Creator: OBPG

Dataset Title: MODIS Global Level 3 Mapped SST

Dataset Series Name: MODIS Level 3 SST

Dataset Release Date: 2002-07-04

Dataset Release Place: OBPG, Goddard Space Flight Center Greenbelt, MD, US

Dataset Publisher: OBPG

Version: 1

Other Citation Details: NASA SST products provided by NASA Ocean Biology Processing Group (OBPG)

Online Resource: ftp://podaac-ftp.jpl.nasa.gov/allData/modis/l3/docs/modis_sst.html**Temporal Coverage**

Start Date: 2002-07-04

Location Keywords[GEOGRAPHIC REGION > GLOBAL](#)**Data Resolution**

Latitude Resolution: 0.0833

Longitude Resolution: 0.0833

Temporal Resolution: Annual

Science Keywords[OCEANS > OCEAN TEMPERATURE > SEA SURFACE TEMPERATURE](#) ⓘ**ISO Topic Category**[OCEANS](#)[GEOSCIENTIFIC INFORMATION](#)**Platform**[AQUA > Earth Observing System](#) [AQUA](#) ⓘ**Instrument**[MODIS > Moderate-Resolution Imaging Spectroradiometer](#) ⓘ**Project**[EOS > Earth Observing System](#) [description](#)[AQUA > Earth Observing System \(EOS\), AQUA](#) [description](#)**Access Constraints** NONE**Use Constraints** NONE**Data Center**Physical Oceanography Distributed Active Archive Center, Jet Propulsion Laboratory, NASA [description](#)**Data Center URL:** <http://podaac.jpl.nasa.gov/>**Dataset ID:** PODAAC**Data Center Personnel****Name:** [PO DAAC USER SERVICES](#)**Phone:** (818) 393-7165**Email:** podaac@podaac.jpl.nasa.gov**Contact Address:**

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Publications/Referencesftp://podaac-ftp.jpl.nasa.gov/allData/modis/L3/docs/modis_sst.html**Extended Metadata Properties****Creation and Review Dates****DI** ☐ **Creation Date:** 2013-03-19**Last DI** ☐ **Revision Date:** 2013-08-06☐ [Reformat as GDC document](#)☐ [Reformat as ISO 9 document](#)☐ [View Text Only format](#)☐ [Update this Record](#) ☐