


DIAS satellite data Terra/MODIS SST, NSST

1. IDENTIFICATION INFORMATION

Name	DIAS satellite data Terra/MODIS SST, NSST
Abbreviation	Terra/MODIS SST, NSST
DOI	doi:10.20783/DIAS.147 [https://doi.org/10.20783/DIAS.147]
Metadata Identifier	DIAS_Satellite_Terra_MODIS_SST20230727062358-DIAS20221121113753-en

2. CONTACT

2.1 CONTACT on DATASET

Name	JAXA DIAS representative
Organization	Japan Aerospace Exploration Agency
Address	2-1-1 Sengen, Tsukuba-shi, Ibaraki, 305-8505, Japan
TEL	+81 50 3362 3064
FAX	+81 29 868 2961
E-mail	dias at ml dot jaxa dot jp

2.2 CONTACT on PROJECT

2.2.1 Data Integration and Analysis System

Name	DIAS Office
Organization	Japan Agency for Marine-Earth Science and Technology
Address	3173-25, Showa-Cho, Kanazawa-ku, Yokohama-shi, Kanagawa, 236-0001, Japan
E-mail	dias-office@diasjp.net

3. DOCUMENT AUTHOR

Name	Hiromichi Igarashi
Organization	Japan Agency for Marine-Earth Science and Technology
E-mail	higarashi@jamstec.go.jp

4. DATASET CREATOR

Name	JAXA DIAS representative
Organization	Japan Aerospace Exploration Agency

E-mail	dias at ml dot jaxa dot jp
--------	----------------------------

5. DATE OF THIS DOCUMENT

2023-07-27

6. DATE OF DATASET

publication : 2010-09-02

7. DATASET OVERVIEW

7.1 Abstract

MODIS (Moderate Resolution Imaging Spectroradiometer) is a key instrument aboard the Terra (EOS AM) satellite. Terra/MODIS is viewing the entire Earth's surface every 1 to 2 days, acquiring data in 36 spectral bands. These products provides us global maps of the sea surface temperature(SST, NSST).

7.2 Topic Category(ISO19139)

oceans

7.3 Temporal Extent

Begin Date	2000-02-24
End Date	2007-04-15
Temporal Characteristics	Daily

7.4 Geographic Bounding Box

North latitude	bound	90
West longitude	bound	-180
Eastbound longitude		180
South latitude	bound	-90

7.5 Grid

Dimension Name	Dimension (slice number of the dimension)	Size	Resolution Unit
row	4320		9 (km)
column	2160		9 (km)

7.6 Geographic Description

global

7.7 Keywords

7.7.1 Keywords on Dataset

Keyword Type	Keyword	Keyword thesaurus Name
theme	sea surface temperature	No_Dictionary

7.7.2 Keywords on Project

7.7.2.1 Data Integration and Analysis System

Keyword Type	Keyword	Keyword thesaurus Name
theme	DIAS > Data Integration and Analysis System	No_Dictionary

7.8 Online Resource

: <http://modis.gsfc.nasa.gov/>

file download : <https://data.diasjp.net/dl/storages/filelist/dataset:147>

7.9 Data Environmental Information

7.10 Distribution Information

name	version	specification
------	---------	---------------

8. DATA PROCESSING

9. DATA REMARKS

10. DATA POLICY

10.1 Data Policy by the Data Provider

10.2 Data Policy by the Project

10.2.1 Data Integration and Analysis System

If data provider does not have data policy, DIAS Terms of Service (<https://diasjp.net/en/terms/>) and DIAS Privacy Policy (<https://diasjp.net/en/privacy/>) apply.

If there is a conflict between DIAS Terms of Service and data provider's policy, the data provider's policy shall prevail.

11. LICENSE

12. DATA SOURCE ACKNOWLEDGEMENT

12.1 Acknowledge the Data Provider

12.2 Acknowledge the Project

12.2.1 Data Integration and Analysis System

If you plan to use this dataset for a conference presentation, paper, journal article, or report etc., please include acknowledgments referred to following examples. If the data provider describes examples of acknowledgments, include them as well.

” In this study, [Name of Dataset] provided by [Name of Data Provider] was utilized. This dataset was also collected and provided under the Data Integration and Analysis System (DIAS), which was developed and operated by a project supported by the Ministry of Education, Culture, Sports, Science and Technology. ”

13. REFERENCES