

MIRAI MR12-E03 in-water spectral radiation

Last Modified: 2015-09-30

[ReadMe](#) [Observation Data](#)

Cruise ID: [MR12-E03](#)

in-water spectral radiation: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

Vertical profiles of up-welling radiance and down-welling irradiance, and above surface down-welling irradiance.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR12-E03_all.pdf

For Using Data

Principal Investigator

Toru Hirawake (Faculty of Fisheries Sciences, Hokkaido University)

Use Constraints

See [Terms and Conditions](#) about constrain of use.

Data Citation

Kikuchi, T., 2012, R/V Mirai Cruise Report MR12-E03, edited by T. Kikuchi and S. Nishino, 190pp., JAMSTEC, Yokosuka, Japan.

Upon consultation in advance with the chief of investigation and the person(s) in charge of research issues who gathered that data, we request that the text of the results material contain a statement to the effect that it was obtained during the R/V Mirai cruise of MR12-E03, the Chief Scientist, Takashi Kikuchi (JAMSTEC), and the following Principal Investigators (PIs) for gathering the data.

Chief Scientist

Takashi Kikuchi

Japan Agency for Marine - Earth Science and Technology (JAMSTEC)

2-15 Natsushima, Yokosuka, Kanagawa 237-0061, Japan

Tel: +81-46-867-9486, Fax: +81-46-867-9437

E-mail: takashik @ jamstec.go.jp

PI

Toru Hirawake (Hokkaido University)

Amane Fujiwara (JAMSTEC)

And also the data were obtained under the GRENE (Green Network of Excellence) Arctic Climate Change Research Project of the Ministry of Education, Culture, Sports, Science and Technology in Japan (MEXT).

Instrument

Instrument:

spectroradiometer PRR800/810

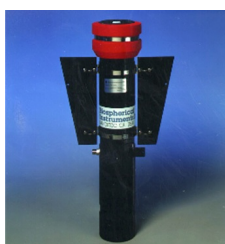
(Biospherical Instrument)

Instrument Information:

PRR-800 measures vertical profiles of

up-welling radiance and down-welling

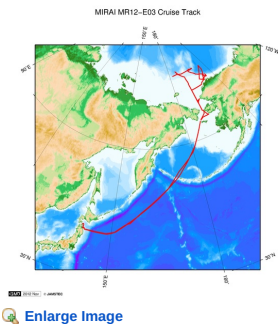
irradiance inside the visible range



Data Format

The data sampled at each station are formatted to ASCII files (CSV). See 'PRR800/810fieldnote.xlsx' to refer the data information when obtained. Data specification is also shown in 'PRR800/810data_spec.xlsx'.

Related Information



MR12-E03

Ship Name: MIRAI

Period: 2012-09-03 - 2012-10-17

Chief Scientist: Takashi Kikuchi (JAMSTEC)

Project Name: [Arctic Ocean Climate System Research]

Proposal ▶ Ecosystem studies on the Arctic Ocean declining sea ice

Title:

Update History

2015-09-30	An observation data was registered.
------------	-------------------------------------

JAMSTEC

Site Policy

Privacy Policy

Application for Data and

Samples

Data Policy

What's New

Update History

Feeds

Lists

Publication List

Amount of Public Info.

Data

Map Search

Data Tree

Detailed Search

Information of the Ships

NATSUSHIMA

KAIYO

YOKOSUKA

MIRAI

KAIREI

CHIKYU

KAIMEI

SHINSEI MARU

HAKUHO MARU

Information of the Submersibles

KAIKO

SHINKAI 2000

SHINKAI 6500

DEEP TOW

HYPER-DOLPHIN

URASHIMA

YOKOSUKA DEEP TOW

6K Camera DEEP TOW

6K Sonar DEEP TOW

KM-ROV

POWER GRAB SAMPLER

(SHELL)

POWER GRAB SAMPLER

(CLOW)

BMS

Go to a Cruise Information

Cruise ID:

Go

Go to a Dive Information

Dive ID:

Go

Copyright 2011 Japan Agency for Marine-Earth Science and Technology



JAMSTEC

国立研究開発法人
海洋研究開発機構
JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

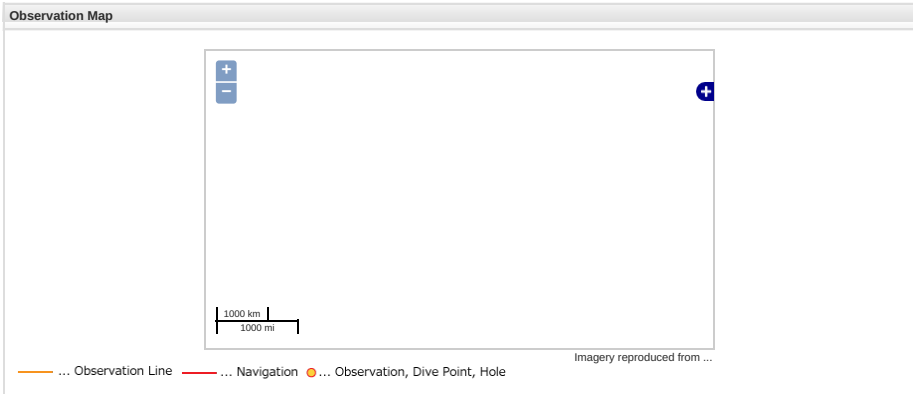
MIRAI MR12-E03 in-water spectral radiation

Last Modified: 2015-09-30

ReadMe

Observation Data

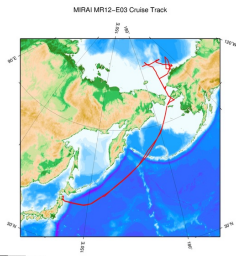
Cruise ID: [MR12-E03](#)
in-water spectral radiation: Processed (PI)
Data Policy: [JAMSTEC](#)
Observation Items:
Science Keywords:



Data List

Add to Basket

File names
2012_09_13_1800.mdb
2012_09_13_1800.csv
2012_09_13_2349.mdb
2012_09_13_2349.csv
2012_09_14_1703.csv
2012_09_14_1703.mdb
2012_09_14_2317.csv
2012_09_14_2317.mdb
2012_09_15_2218.csv
2012_09_15_2218.mdb
2012_09_16_1852.mdb
2012_09_16_1852.csv
2012_09_17_0107.mdb
2012_09_17_0107.csv
2012_09_17_1735.csv
2012_09_17_1735.mdb
2012_09_20_1730.mdb
2012_09_20_1730.csv
2012_09_20_2335.csv
2012_09_20_2335.mdb
2012_09_23_1657.mdb
2012_09_23_1657.csv
2012_09_24_0013.csv
2012_09_24_0013.mdb
2012_09_24_2225.csv
2012_09_24_2225.mdb
2012_09_27_1700.csv
2012_09_27_1700.mdb
2012_09_28_0017.mdb
2012_09_28_0017.csv
2012_09_28_1701.csv
2012_09_28_1701.mdb
2012_09_29_0033.csv
2012_09_29_0033.mdb
2012_09_29_2223.csv
2012_09_29_2223.mdb
2012_09_30_1721.mdb
2012_09_30_1721.csv
2012_10_01_1728.csv
2012_10_01_1728.mdb
2012_10_02_0059.mdb
2012_10_02_0059.csv
Cal8000499103v20.mdb
PRR800_fieldnote.xls
data_spec.xlsx



[Enlarge Image](#)

MR12-E03

Ship Name: MIRAI

Period: 2012-09-03 - 2012-10-17

Chief Scientist: Takashi Kikuchi (JAMSTEC)

Project Name: [Arctic Ocean Climate System Research]

Proposal ▶ Ecosystem studies on the Arctic Ocean declining sea ice

Title:

Update History

2015-09-30	An observation data was registerd.
------------	------------------------------------

JAMSTEC

Site Policy

Privacy Policy

Application for Data and

Samples

Data Policy

What's New

Update History

Feeds

Lists

Publication List

Amount of Public Info.

Data

Map Search

Data Tree

Detailed Search

Information of the Ships

NATSUSHIMA

KAIYO

YOKOSUKA

MIRAI

KAIREI

CHIKYU

KAIMEI

SHINSEI MARU

HAKUHO MARU

Information of the Submersibles

KAIKO

SHINKAI 2000

SHINKAI 6500

DEEP TOW

HYPER-DOLPHIN

URASHIMA

YOKOSUKA DEEP TOW

6K Camera DEEP TOW

6K Sonar DEEP TOW

KM-ROV

POWER GRAB SAMPLER

(SHELL)

POWER GRAB SAMPLER

(CLOW)

BMS

Go to a Cruise Information

Cruise ID:

Go

Go to a Dive Information

Dive ID:

Go

Copyright 2011 Japan Agency for Marine-Earth Science and Technology



JAMSTEC 国立研究開発法人
海洋研究開発機構
JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY