

MIRAI MR14-04 Leg1 Sea-surface Photosynthetically Active Radiation (PAR)

Last Modified: 2017-11-09

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

Cruise ID: [MR14-04 Leg1](#)

Sea-surface Photosynthetically Active Radiation (PAR) : Raw

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

OCEANS > OCEAN OPTICS > PHOTOSYNTHETICALLY ACTIVE RADIATION

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR14-04_leg1-2_all.pdf

For Using Data

Principal Investigator

Data Management Office

Use Constraints

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

Data Citation

See [Terms and Conditions](#) about data citation.

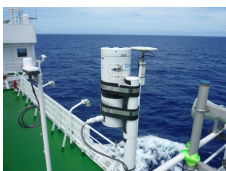
Period (UTC)

2014-07-08 22:10 – 2014-07-15 04:00

Instrument

Instrument:

Surface Photosynthetically available radiation (PAR) (~MR15-E01)



Overview

Photosynthetically available radiation (PAR) in the air was acquired by the radiometer PUV-510B, which was set up on the deck of the anti-rolling system .

Specifications

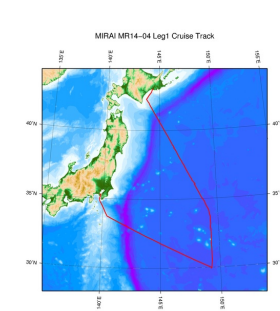
Manufacturer:	Biospherical Instruments Inc.
Type:	PUV-510B
Logging rate:	6 [second]
Location:	Starboard side of the deck on the anti-rolling system (18m from the sea surface)
Measurement wavelength:	400 - 700 [nm] (PAR)

Note

File naming rule for PAR_YYYYMMDD.txt.

PAR_ :	Fixed as 'PAR_'
YYYY :	Recording start Year (UTC)
MM :	Recording start month (UTC)
DD :	Recording start day (UTC)

Related Information



 [Enlarge Image](#)

MR14-04 Leg1

Ship Name: MIRAI
Period: 2014-07-08 - 2014-07-15
Chief Scientist: Hiroshi Uchida (JAMSTEC)
Project Name: [POST-WOCE Hydrography]
Proposal ▶ Collaborative study on the zonal distribution of dissolved organic carbon in the far North Pacific
Title:

Update History

2017-11-09	An observation data was registerd.
2015-08-26	An observation data was registerd.

[Privacy Policy](#)
[Application for Data and Samples](#)
[Data Policy](#)

[What's New](#)
[Update History](#)
[Feeds](#)

[Amount of Public Info.](#)

[Data](#)
[Map Search](#)
[Data Tree](#)
[Detailed Search](#)

[KAIYO](#)
[YOKOSUKA](#)
[MIRAI](#)
[KAIREI](#)
[CHIKYU](#)
[KAIMEI](#)
[SHINSEI MARU](#)
[HAKUHO MARU](#)

[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](#)

Cruise ID:

[Go to a Dive Information](#)

Dive ID:

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 MR14-04 Leg1 Sea-surface Photosynthetically Active Radiation (PAR)

Last Modified: 2017-11-09

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

Cruise ID: [MR14-04 Leg1](#)

Sea-surface Photosynthetically Active Radiation (PAR) Raw

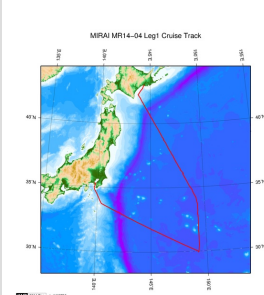
Data Policy: [JAMSTEC](#)

Sea-surface PAR

Comma Separated Value

Column No.	Content	Remarks
1	DATE	Year, Month Day [YYYYMMDD]
2	TIME	Hour, Minute, Second [hhmmss]
3	PAR	PAR (Variable length, Floating-point, Exponential Form) [microEinsteins/cm^2/sec]

Related Information



MR14-04 Leg1

Ship Name: MIRAI

Period: 2014-07-08 - 2014-07-15

Chief Scientist: Hiroshi Uchida (JAMSTEC)

Project Name: [POST-WOCE Hydrography]

Proposal ▶ Collaborative study on the zonal distribution of dissolved organic carbon in the far North Pacific

Title:

[Enlarge Image](#)

Update History

2017-11-09	An observation data was registerd.
2015-08-26	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 to a Dive Information

Dive ID:

MIRAI MR14-04 Leg1 Sea-surface Photosynthetically Active Radiation (PAR)

Last Modified: 2017-11-09

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

Cruise ID: [MR14-04 Leg1](#)

Sea-surface Photosynthetically Active Radiation (PAR) : Raw

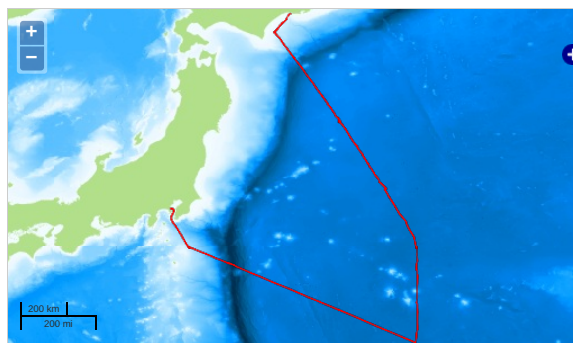
Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

OCEANS > OCEAN OPTICS > PHOTOSYNTHETICALLY ACTIVE RADIATION

Observation Map



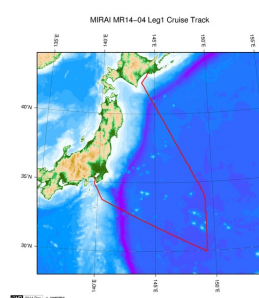
... Observation Line ... Navigation ... Observation, Dive Point, Hole

Data List

File names

<input type="checkbox"/>	PAR_20140708.txt
<input type="checkbox"/>	PAR_20140709.txt
<input type="checkbox"/>	PAR_20140710.txt
<input type="checkbox"/>	PAR_20140711.txt
<input type="checkbox"/>	PAR_20140712.txt
<input type="checkbox"/>	PAR_20140713.txt
<input type="checkbox"/>	PAR_20140714.txt
<input type="checkbox"/>	PAR_20140715.txt

Related Information



[Enlarge Image](#)

MR14-04 Leg1

Ship Name: MIRAI

Period: 2014-07-08 - 2014-07-15

Chief Scientist: Hiroshi Uchida (JAMSTEC)

Project Name: [POST-WOCE Hydrography]

Proposal ▶ Collaborative study on the zonal distribution of dissolved organic carbon in the far North Pacific

Title: Pacific

Update History

2017-11-09	An observation data was registerd.
2015-08-26	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 \(CLOW\)](#)

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID:

