

MIRAI MR13-05 Sea-surface Photosynthetically Active Radiation (PAR)

Last Modified: 2017-11-09

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

Cruise ID: [MR13-05](#)

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/MR13-05_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)

2013-08-12 23:50 – 2013-08-25 23:59

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

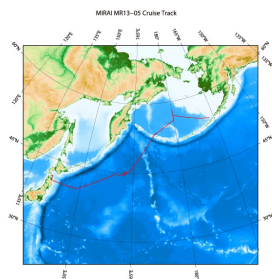
Manufacturer:	Biospherical Instruments Inc.
Type:	PUV-510B
Logging rate:	6 [second]
Location:	Starboard side of the deck on the anti-rolling system (18m from the sea surface)
Measurement wavelength:	400 - 700 [nm] (PAR)

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](#)

MR13-05

Ship Name: MIRAI

Period: 2013-08-12 - 2013-08-26

Chief Scientist: Saburo Sakai (JAMSTEC)

Proposal ▶ Study of distribution and optical characteristics of ice/water clouds and marine aerosols

Title:

Update History

2017-11-09	An observation data was registerd.
2015-03-31	An observation data was registerd.

Application for Data and
Samples
Data Policy

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YOKOSUKA
MIRAI
KAIREI
CHIKYU
KAIMEI
SHINSEI MARU
HAKUHO MARU

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 Dive Information

Dive ID:

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JAMSTEC
JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

国立研究開発法人
海洋研究開発機構

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Sea-surface Photosynthetically Active Radiation (PAR) Raw

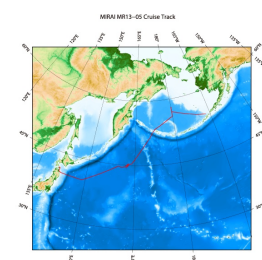
Data Policy: [JAMSTEC](#)

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



[Enlarge Image](#)

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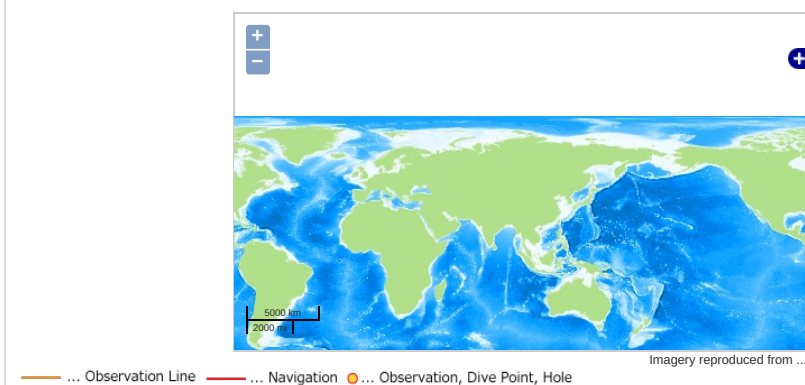
Data Policy: [JAMSTEC](#)

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Observation Map



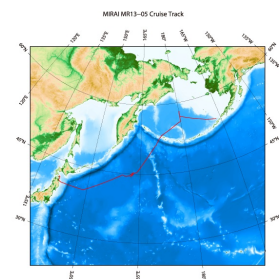
Data List

[Add to Basket](#)

File names

- ☐ PAR_20130812.txt
- ☐ PAR_20130813.txt
- ☐ PAR_20130814.txt
- ☐ PAR_20130815.txt
- ☐ PAR_20130816.txt
- ☐ PAR_20130817.txt
- ☐ PAR_20130818.txt
- ☐ PAR_20130819.txt
- ☐ PAR_20130820.txt
- ☐ PAR_20130821.txt
- ☐ PAR_20130822.txt
- ☐ PAR_20130823.txt
- ☐ PAR_20130824.txt
- ☐ PAR_20130825.txt

Related Information



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