

MIRAI MR14-05 Sea-surface Photosynthetically Active Radiation (PAR)

Last Modified: 2017-11-09

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

Cruise ID: [MR14-05](#)

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/MR14-05_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)

2014-08-31 18:10 – 2014-10-10 00:20

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

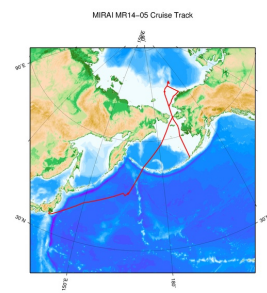
Manufacturer:	Biospherical Instruments Inc.
Type:	PUV-510B
Logging rate:	6 [second]
Location:	Starboard side of the deck on the anti-rolling system (18m from the sea surface)
Measurement wavelength:	400 - 700 [nm] (PAR)

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)
- The following period, PAR data was invalid due to the instrument trouble.
2014/09/19 05:17 - 14:29UTC

Related Information



[Enlarge Image](#)

MR14-05

Ship Name: MIRAI
Period: 2014-08-31 - 2014-10-10
Chief Scientist: Jun Inoue (JAMSTEC)
Project Name: [Arctic Ocean Climate System Reaserch]
Proposal ▶ Predictability study of Arctic cyclones
Title:

Update History

2017-11-09	An observation data was registerd.
2015-10-10	An observation data was registerd.

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YOKOSUKA

MIRAI

KAIREI

CHIKYU

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SHINSEI MARU

HAKUHO MARU

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SHINKAI 2000

SHINKAI 6500

DEEP TOW

HYPER-DOLPHIN

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YOKOSUKA DEEP TOW

6K Camera DEEP TOW

6K Sonar DEEP TOW

KM-ROV

POWER GRAB SAMPLER

(SHELL)

POWER GRAB SAMPLER

(CLOW)

BMS

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JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

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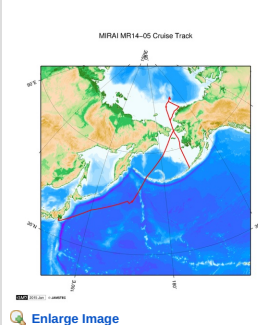
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Sea-surface PAR

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]

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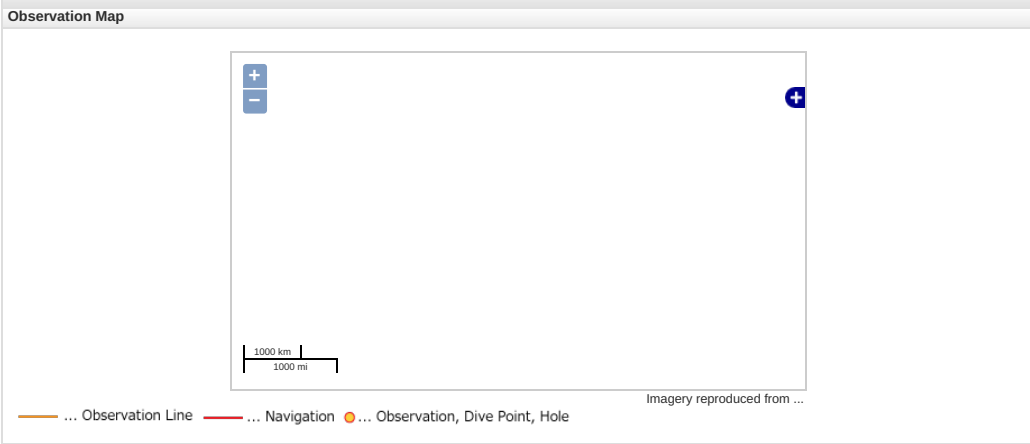
Dive ID:

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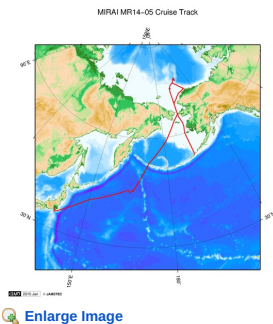


Data List

[Add to Basket](#)

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