

MIRAI MR11-05 Leg1 PAR (Photosynthetically available radiation)

Last Modified: 2014-02-28

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

Cruise ID: [MR11-05 Leg1](#)

PAR (Photosynthetically available radiation): Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

Photosynthetically available radiation (PAR) in the air was acquired by the radiometer PUV-510B (Biospherical Instruments Inc.). Data was saved with the average of 1 min. The instrument was set up on the anti-rolling system's deck to prevent shadow from some structure.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR11-05_leg1-2_all.pdf

For Using Data

Principal Investigator

Kazuhiko Matsumoto (JAMSTEC)

Use Constraints

Please contact PI (Makio C. Honda, hondam@jamstec.go.jp)

Data Citation

Please contact PI (Makio C. Honda, hondam@jamstec.go.jp)

Instrument

Instrument:

PUV-510B

Instrument Information:

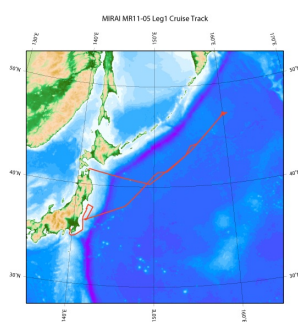
see attached operation manual



Data Format

Excel file

Related Information



 [Enlarge Image](#)

[MR11-05 Leg1](#)

Ship Name: MIRAI

Period: 2011-06-26 - 2011-07-16

Chief Scientist: Makio Honda (JAMSTEC)

Project Name: [Station K2, Station KN0T]

Proposal ▶ Effects of meso-zooplankton on food web and vertical flux

Title:

Update History

2014-02-28	An observation data was registered.
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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:

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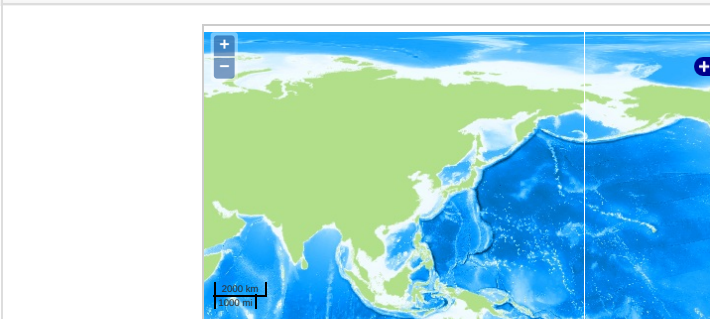
PAR (Photosynthetically available radiation): Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Observation Map



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

Data List

[Add to Basket](#)

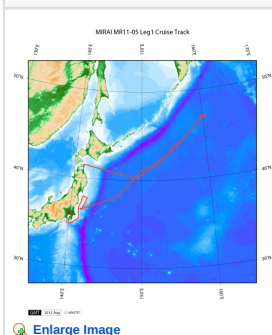
☐ File names

☐ MR11-05_surface PAR_final.xlsx

☐ surface_PAR_readme.docx

☐ surface_PAR_readme_jp.docx

Related Information



MR11-05 Leg1

Ship Name: MIRAI

Period: 2011-06-26 - 2011-07-16

Chief Scientist: Makio Honda (JAMSTEC)

Project Name: [Station K2, Station KNOT]

Proposal ▶ Effects of meso-zooplankton on food web and vertical flux

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Dive ID: