

## 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](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](mailto:hondam@jamstec.go.jp))

##### Data Citation

Please contact PI (Makio C. Honda, [hondam@jamstec.go.jp](mailto:hondam@jamstec.go.jp))

### Instrument

Instrument:

PUV-510B

Instrument Information:

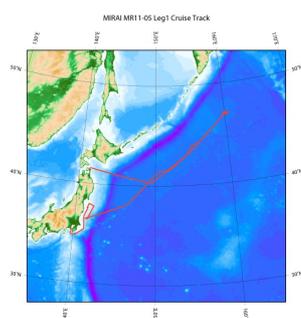
see attached operation manual



### 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 KNOT]

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

Title:

### Update History

2014-02-28 An observation data was registerd.

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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:



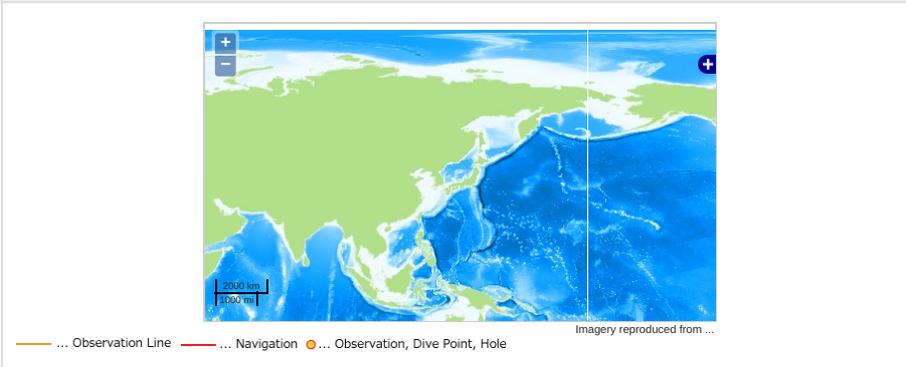
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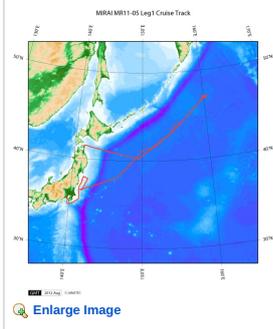
**Observation Map**



**Data List**

- 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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