

## MIRAI MR13-E02 Leg2 Sea-surface Photosynthetically Active Radiation (PAR)

Last Modified: 2017-11-09

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

Cruise ID: [MR13-E02 Leg2](#)

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-E02\\_leg2\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR13-E02_leg2_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.

### 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

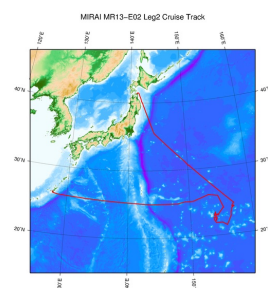
Manufacturer:	Biospherical Instruments Inc.
Type:	PUV-510B
Logging rate:	6 [second]
Location:	Starboard side of the deck on the anti-rolling system (18m from the sea surface)
Measurement wavelength:	400 - 700 [nm] (PAR)

### 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



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#### MR13-E02 Leg2

Ship Name: MIRAI

Period: 2013-12-10 - 2013-12-24

Chief Scientist: Koichi Iijima (JAMSTEC)

Proposal Survey of REY-rich mud around Minami-Torishima Island

Title:

### Update History

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

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**JAMSTEC**

国立研究開発法人  
海洋研究開発機構  
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Cruise ID: [MR13-E02 Leg2](#)

Sea-surface Photosynthetically Active Radiation (PAR) Raw

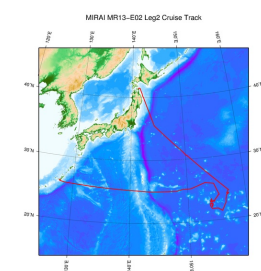
Data Policy: [JAMSTEC](#)

### 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



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#### Lists

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#### Data

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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](#)  
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[6K Sonar DEEP TOW](#)  
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#### Go to a Cruise Information

Cruise ID:

#### Go to a Dive Information

Dive ID:



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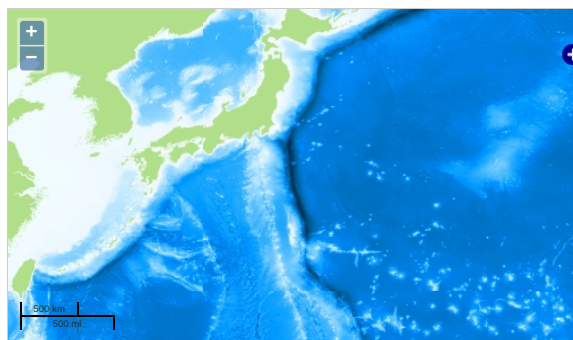
Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

OCEANS > OCEAN OPTICS > PHOTOSYNTHETICALLY ACTIVE RADIATION

### Observation Map



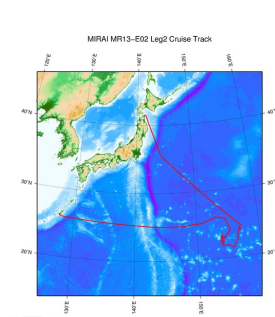
... Observation Line ... Navigation ... Observation, Dive Point, Hole

### Data List

#### File names

<input type="checkbox"/>	PAR_20131210.txt
<input type="checkbox"/>	PAR_20131211.txt
<input type="checkbox"/>	PAR_20131212.txt
<input type="checkbox"/>	PAR_20131213.txt
<input type="checkbox"/>	PAR_20131214.txt
<input type="checkbox"/>	PAR_20131215.txt
<input type="checkbox"/>	PAR_20131216.txt
<input type="checkbox"/>	PAR_20131217.txt
<input type="checkbox"/>	PAR_20131218.txt
<input type="checkbox"/>	PAR_20131219.txt
<input type="checkbox"/>	PAR_20131220.txt
<input type="checkbox"/>	PAR_20131221.txt
<input type="checkbox"/>	PAR_20131222.txt
<input type="checkbox"/>	PAR_20131223.txt
<input type="checkbox"/>	PAR_20131224.txt

### Related Information



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