

MIRAI MR14-06 Leg1 Sea-surface Photosynthetically Active Radiation (PAR)

Last Modified: 2017-11-09

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

Cruise ID: [MR14-06 Leg1](#)

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/MR14-06_leg1_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)

2014-12-08 17:50 – 2014-12-17 14:04

2014-11-09 13:37 – 2014-12-08 09:41

2014-11-04 06:10 – 2014-11-09 13:30

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

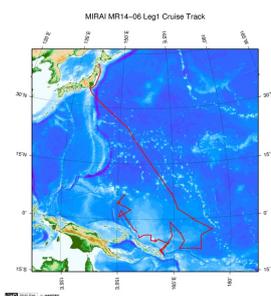
Manufacturer:	Biospherical Instruments Inc.
Type:	PUV-510B
Logging rate:	6 [second]
Location:	Starboard side of the deck on the anti-rolling system (18m from the sea surface)
Measurement wavelength:	400 - 700 [nm] (PAR)

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



[MR14-06 Leg1](#)

Ship Name: MIRAI

Period: 2014-11-04 - 2014-12-17

Chief Scientist: Daisuke Suetsugu (JAMSTEC)

Proposal ▶ Study of structure and formation process of the Ontong Java Plateau

Title:

 [Enlarge Image](#)

Update History

2017-11-09	An observation data was registerd.
2016-01-15	An observation data was registerd.

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

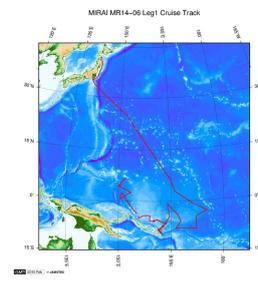
Cruise ID: [MR14-06 Leg1](#)
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Sea-surface PAR

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]

Related Information



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[Enlarge Image](#)

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<p>JAMSTEC Site Policy Privacy Policy Application for Data and Samples Data Policy What's New Update History Feeds</p>	<p>Lists Publication List Amount of Public Info. Data Map Search Data Tree Detailed Search</p>	<p>Information of the Ships NATSUSHIMA KAIYO YOKOSUKA MIRAI KAIREI CHIKYU KAIMEI SHINSEI MARU HAKUHO MARU</p>	<p>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</p>	<p>Go to a Cruise Information Cruise ID: <input type="text"/> <input type="button" value="Go"/></p> <p>Go to a Dive Information Dive ID: <input type="text"/> <input type="button" value="Go"/></p>
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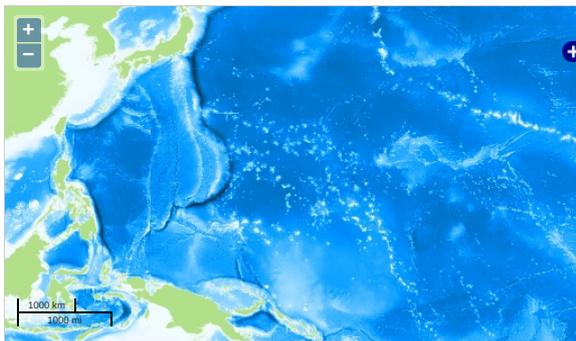
Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

OCEANS > OCEAN OPTICS > PHOTOSYNTHETICALLY ACTIVE RADIATION

Observation Map



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

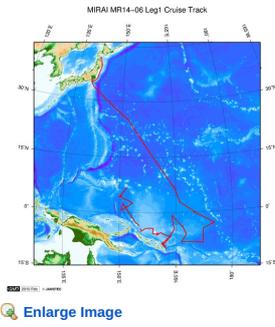
Data List

[Add to Basket](#)

File names

- PAR_20141104.txt
- PAR_20141105.txt
- PAR_20141106.txt
- PAR_20141107.txt
- PAR_20141108.txt
- PAR_20141109.txt
- PAR_20141110.txt
- PAR_20141111.txt
- PAR_20141112.txt
- PAR_20141113.txt
- PAR_20141114.txt
- PAR_20141115.txt
- PAR_20141116.txt
- PAR_20141117.txt
- PAR_20141118.txt
- PAR_20141119.txt
- PAR_20141120.txt
- PAR_20141121.txt
- PAR_20141122.txt
- PAR_20141123.txt
- PAR_20141124.txt
- PAR_20141125.txt
- PAR_20141126.txt
- PAR_20141127.txt
- PAR_20141128.txt
- PAR_20141129.txt
- PAR_20141130.txt
- PAR_20141201.txt
- PAR_20141202.txt
- PAR_20141203.txt
- PAR_20141204.txt
- PAR_20141205.txt
- PAR_20141206.txt
- PAR_20141207.txt
- PAR_20141208.txt
- PAR_20141209.txt
- PAR_20141210.txt
- PAR_20141211.txt
- PAR_20141212.txt
- PAR_20141213.txt
- PAR_20141214.txt
- PAR_20141215.txt
- PAR_20141216.txt
- PAR_20141217.txt

Related Information



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