

MIRAI MR12-E03 Photosynthetic Available Radiation (PAR) on deck

Last Modified: 2015-12-23

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

Cruise ID: [MR12-E03](#)

Photosynthetic Available Radiation (PAR) on deck : Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

Incident PAR measured on deck, PAR in quantum unit calculated with calibration factor was downloaded from datalogger.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR12-E03_all.pdf

For Using Data

Principal Investigator

See Data Citation

Use Constraints

See [Terms and Conditions](#) about constrain of use.

Data Citation

Kikuchi, T., 2012, R/V Mirai Cruise Report MR12-E03, edited by T. Kikuchi and S. Nishino, 190pp., JAMSTEC, Yokosuka, Japan.

Upon consultation in advance with the chief of investigation and the person(s) in charge of research issues who gathered that data, we request that the text of the results material contain a statement to the effect that it was obtained during the R/V Mirai cruise of MR12-E03, the Chief Scientist, Takashi Kikuchi (JAMSTEC), and the following Principal Investigators (PIs) for gathering the data.

Chief Scientist

Takashi Kikuchi

Japan Agency for Marine - Earth Science and Technology (JAMSTEC)

2-15 Natsushima, Yokosuka, Kanagawa 237-0061, Japan

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PI(s) for the data

Toru Hirawake (Faculty of Fisheries Sciences, Hokkaido University)

And also the data were obtained under the GRENE (Green Network of Excellence) Arctic Climate Change Research Project of the Ministry of Education, Culture, Sports, Science and Technology in Japan (MEXT).

Instrument

Instrument:

LI-COR LI-190SA, LI-1400

Instrument Information:

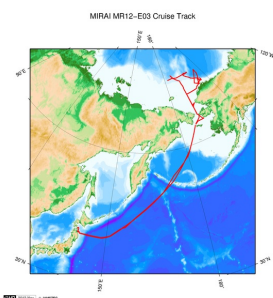
PAR sensor and datalogger



Data Format

ASCII data, recorded every 5 min, unit of PAR is micro mol photons m⁻² s⁻¹

Related Information



[Enlarge Image](#)

MR12-E03

Ship Name: MIRAI

Period: 2012-09-03 - 2012-10-17

Chief Scientist: Takashi Kikuchi (JAMSTEC)

Project Name: [Arctic Ocean Climate System Reaserch]

Proposal ▶ Ecosystem studies on the Arctic Ocean declining sea ice

Title:

Update History

2015-12-23	An observation data was registerd.
2015-09-30	An observation data was registerd.

[Data Policy](#)

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[Data Tree](#)
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JAPAN AGENCY FOR MARINE EARTH SCIENCE AND TECHNOLOGY

国立研究開発法人
海洋研究開発機構

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Cruise ID: [MR12-E03](#)

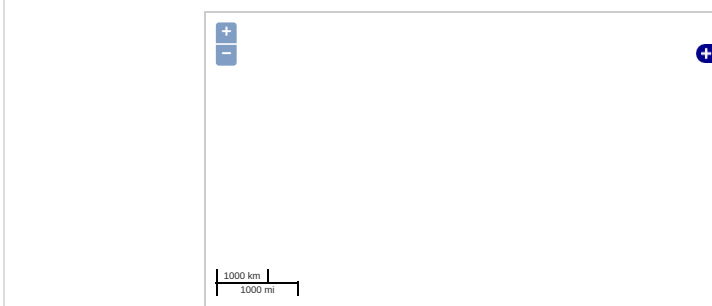
Photosynthetic Available Radiation (PAR) on deck Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Observation Map



Imagery reproduced from ...

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

Data List

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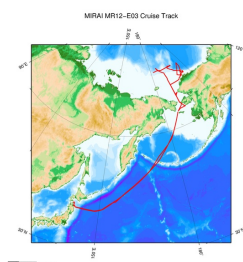
☐ File names

☐ 20120911_20120925_PAR.txt

☐ 20120926_20121003_PAR.txt

☐ readme_PAR_MR12-E03.txt

Related Information



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MR12-E03

Ship Name: MIRAI

Period: 2012-09-03 - 2012-10-17

Chief Scientist: Takashi Kikuchi (JAMSTEC)

Project Name: [Arctic Ocean Climate System Research]

Proposal ▶ Ecosystem studies on the Arctic Ocean declining sea ice

Title:

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[Data Tree](#)

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