

MIRAI MR10-05 Leg2 particulate backscattering coefficient

Last Modified: 2013-02-25

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

Cruise ID: [MR10-05 Leg2](#)

particulate backscattering coefficient: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

Vertical profiles of backward volume scattering function (beta), particulate back scattering coefficient (bbp) at 6 wavelengths (see "HydroScat6_data_spec.xlsx"), and fluorescence at 510 and 676 nm. Corrected beta, bbp and fluorescence were calculated by standard correction method (sigma correction) using Hydrosoft (HOBi Labs). Details are described in "http://www.hobilabs.com/cmsitems/attachments/3/HS6ManualRevJ-2010-8a.pdf".

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR10-05_leg1-2_all.pdf

For Using Data

Principal Investigator

Sei-ichi Saitoh (Faculty/Graduate School of Fisheries Sciences, Hokkaido University)

Use Constraints

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

Data Citation

See [Terms and Conditions](#) about data citation.

Instrument

Instrument:

Backscattering Sensor & Fluorometer
(HOBi Labs)

Instrument Information:

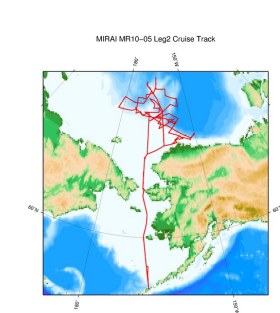
Measure vertical profiles of
backscattering at 6 wavelengths and
chlorophyll and CDOM fluorescence



Data Format

The data sampled at each station are formatted to ASCII files. See 'HydroScat6_fieldnote.xlsx' to refer the data information when obtained. Data specification is also shown in 'HydroScat6_data_spec.xlsx'.

Related Information



[Enlarge Image](#)

MR10-05 Leg2

Ship Name: MIRAI

Period: 2010-09-02 - 2010-10-16

Chief Scientist: Motoyo Ito (JAMSTEC)

Project Name: [Arctic Ocean Climate System Research]

Proposal ▶ Arctic Climate Oceanography

Title:

Update History

2013-02-25 An observation data was registered.

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID:

HAKUHO MARU

6K Camera DEEP TOW
6K Sonar DEEP TOW
KM-ROV
POWER GRAB SAMPLER
(SHELL)
POWER GRAB SAMPLER
(CLOW)
BMS

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海洋研究開発機構
JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

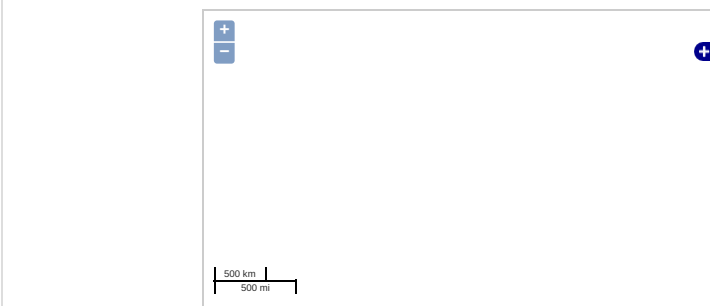
MIRAI MR10-05 Leg2 particulate backscattering coefficient

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

Cruise ID: [MR10-05 Leg2](#)
particulate backscattering coefficient Processed (PI)
Data Policy: [JAMSTEC](#)
Observation Items:
Science Keywords:

Observation Map



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

Data List

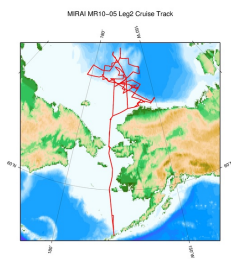
[Add to Basket](#)

☐ File names

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	st131.raw
	File names
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	st175.dat

Related Information



 [Enlarge Image](#)

MR10-05 Leg2

Ship Name: MIRAI
 Period: 2010-09-02 - 2010-10-16
 Chief Scientist: Motoyo Ito (JAMSTEC)
 Project Name: [Arctic Ocean Climate System Reaserch]
 Proposal ▶ Arctic Climate Oceanography
 Title:

Update History

2013-02-25 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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