

MIRAI MR99-K02 Th-234, POC, and PON data

Last Modified: 2020-06-30

ReadMe

Cruise ID: [MR99-K02](#)

Th-234, POC, and PON data : Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

Th-234, POC, and PON data for estimate of flux of the particulate organic carbon from the surface layer. The samples of seawater and suspended particle were collected by CTD-RMS or in situ pumping system. Data obtained from the cruises were electrically compiled as excel files in the database (<https://doi.org/10.17596/0001986>), and were depth, potential temperature (Theta), salinity, potential density (Sigma-theta), POC, PON, particulate Th-234 (P-234Th), dissolved Th-234 (D-234Th), and chlorophyll a. The data of depth, potential temperature, salinity, and potential density were measured by CTD sensors. The error of P-234Th and D-234Th was estimated from counting error.

Please contact to "http://www.godac.jamstec.go.jp/catalog/data_catalog/metadataDisp/234Th_data?lang=en&view=detail".

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR99-K02_all.pdf

For Using Data

Principal Investigator

Hajime Kawakami (JAMSTEC)

Use Constraints

Please contact PI (Hajime Kawakami, kawakami@jamstec.go.jp)

Data Citation

Data Citation: Hajime Kawakami (2019) 234Th and POC data in the North Pacific. JAMSTEC. doi:10.17596/0001986 (accessed YYYY-MM-DD)

Instrument

Instrument:

elemental analyzer

Instrument Information:

Model 2400II, PerkinElmer Inc.

Instrument:

Alpha-ray detector

Instrument Information:

Octete, Seiko EG&G Co. Ltd.



Sample

Seawater, the others

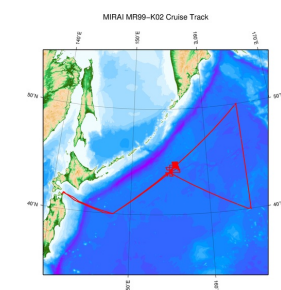
Sample ID

Seawater, suspended particle

Data Format

Excel file

Related Information



[Enlarge Image](#)

MR99-K02

Ship Name: MIRAI

Period: 1999-05-07 - 1999-05-30

Chief Scientist: Makio Honda (JAMSTEC)

Project Name: [Station K2, Station KNOT]

Update History

2020-06-30 An observation data was registered.

Optical history
Feeds

SHINSEI MARU
HAKUHO MARU

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

Copyright 2011 Japan Agency for Marine-Earth Science and
Technology



JAMSTEC 国立研究開発法人
海洋研究開発機構
JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

MIRAI MR99-K02 Th-234, POC, and PON data

Last Modified: 2020-06-30

ReadMe

Cruise ID: **MR99-K02**

Th-234, POC, and PON data Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

Th-234, POC, and PON data for estimate of flux of the particulate organic carbon from the surface layer. The samples of seawater and suspended particle were collected by CTD-RMS or in situ pumping system. Data obtained from the cruises were electrically compiled as excel files in the database (<https://doi.org/10.17596/0001986>), and were depth, potential temperature (Theta), salinity, potential density (Sigma-theta), POC, PON, particulate Th-234 (P-234Th), dissolved Th-234 (D-234Th), and chlorophyll a. The data of depth, potential temperature, salinity, and potential density were measured by CTD sensors. The error of P-234Th and D-234Th was estimated from counting error.

Please contact to "http://www.godac.jamstec.go.jp/catalog/data_catalog/metadataDisp/234Th_data?lang=en&view=detail".

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR99-K02_all.pdf

For Using Data

Principal Investigator

Hajime Kawakami (JAMSTEC)

Use Constraints

Please contact PI (Hajime Kawakami, kawakami@jamstec.go.jp)

Data Citation

Data Citation: Hajime Kawakami (2019) 234Th and POC data in the North Pacific. JAMSTEC. doi:10.17596/0001986 (accessed YYYY-MM-DD)

Instrument

Instrument:

elemental analyzer

Instrument Information:

Model 2400II, PerkinElmer Inc.

Instrument:

Alpha-ray detector

Instrument Information:

Octéte, Seiko EG&G Co. Ltd.



Sample

Seawater, the others

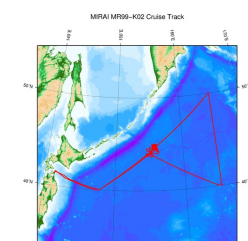
Sample ID

Seawater, suspended particle

Data Format

Excel file

Related Information



Enlarge Image

MR99-K02

Ship Name: MIRAI

Period: 1999-05-07 - 1999-05-30

Chief Scientist: Makio Honda (JAMSTEC)

Project Name: [Station K2, Station KNOT]

Update History

2020-06-30

An observation data was registered.

JAMSTEC

Site Policy

Privacy Policy

Application for Data and Samples

Data Policy

Update History

Feeds

Lists

Publication List

Amount of Public Info.

Data

Map Search

Data Tree

Detailed Search

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: