

## MIRAI MR03-K01 Th-234, POC, and PON data

Last Modified: 2020-06-30

### ReadMe

Cruise ID: [MR03-K01](#)

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 datasite (<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](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/MR03-K01\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR03-K01_all.pdf)

### For Using Data

#### Principal Investigator

Hajime Kawakami (JAMSTEC)

#### Use Constraints

Please contact PI (Hajime Kawakami, [kawakami@jamstec.go.jp](mailto: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

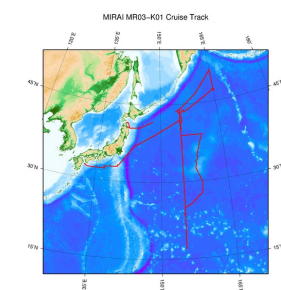
### Sample ID

Seawater, suspended particle

### Data Format

Excel file

### Related Information



[Enlarge Image](#)

### MR03-K01

Ship Name: MIRAI

Period: 2003-02-20 - 2003-03-30

Chief Scientist: Shuichi Watanabe (JAMSTEC)

Project Name: [Station K2, Station KNOT]

### Update History

2020-06-30	An observation data was registered.
2012-12-25	An observation data was registered.

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SHINSEI MARU  
HAKUHO MARU

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

Dive ID:

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JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

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Data Policy: [JAMSTEC](#)

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Science Keywords:

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Please contact to "[http://www.godac.jamstec.go.jp/catalog/data\\_catalog/metadataDisp/234Th\\_data?lang=en&view=detail](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/MR03-K01\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR03-K01_all.pdf)

### For Using Data

#### Principal Investigator

Hajime Kawakami (JAMSTEC)

#### Use Constraints

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

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Octete, Seiko EG&G Co. Ltd.



### Sample

Seawater, the others

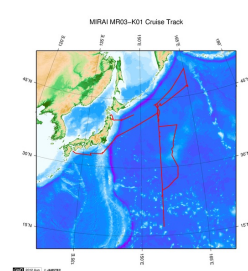
### Sample ID

Seawater, suspended particle

### Data Format

Excel file

### Related Information



[Enlarge Image](#)

#### MR03-K01

Ship Name: MIRAI

Period: 2003-02-20 - 2003-03-30

Chief Scientist: Shuichi Watanabe (JAMSTEC)

Project Name: [Station K2, Station KNOT]

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### JAMSTEC

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### Data

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