

## KAIREI KR03-11 Th-234, POC, and PON data

Last Modified: 2020-06-30

### ReadMe

Cruise ID: [KR03-11](#)

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 dataset (<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)".

### 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

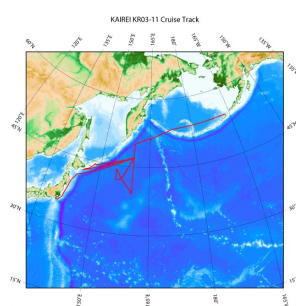
### Sample ID

Seawater, suspended particle

### Data Format

Excel file

### Related Information



[Enlarge Image](#)

### KR03-11

Ship Name: KAREI

Period: 2003-09-22 - 2003-10-16

Chief Scientist: Makio Honda (JAMSTEC)

Project Name: [Station K2, Station KNOT]

### Update History

|            |                                     |
|------------|-------------------------------------|
| 2020-06-30 | An observation data was registered. |
| 2018-01-23 | An observation data was registered. |
| 2012-12-25 | An observation data was registered. |

### JAMSTEC

Site Policy

Privacy Policy

Application for Data and Samples

Data Policy

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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

### Go to a Cruise Information

Cruise ID:

### Go to a Dive Information

Dive ID:

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

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Technology



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JAPAN AGENCY FOR MARINE EARTH SCIENCE AND TECHNOLOGY

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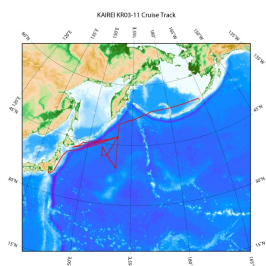
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Seawater, suspended particle

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Excel file

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[Enlarge Image](#)

#### KR03-11

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Period: 2003-09-22 - 2003-10-16

Chief Scientist: Makio Honda (JAMSTEC)

Project Name: [Station K2, Station KN0T]

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