

## MIRAI MR08-05 Po-210, Pb-210, POC, and PON data

Last Modified: 2021-07-30

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

Cruise ID: [MR08-05](#)

Po-210, Pb-210, POC, and PON data : Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Data Information

Po-210, Pb-210, POC, and PON data for estimate of flux of the particulate organic carbon from the surface and mesopelagic layers. The samples of seawater and suspended particle were collected by CTD-RMS and in situ pumping system, respectively. Data were electrically compiled as an excel file, and were depth, potential temperature (Theta), salinity, potential density (Sigma-theta), POC, PON, particulate Po-210 (P-210Po), dissolved Po-210 (D-210Po), and total Pb-210 (T-210Pb). The data of potential temperature, salinity, and potential density were measured by CTD sensors. The error of P-210Po, D-210Po, and T-210Pb was estimated from counting error. "n.d." is no data.

### Cruise Report

[http://www.godac.jamstec.go.jp/catalog/data/doc\\_catalog/media/MR08-05\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR08-05_all.pdf)

### For Using Data

#### Principal Investigator

Hajime Kawakami (JAMSTEC)

#### Use Constraints

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

#### Data Citation

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

### Instrument

Instrument:

Alpha-ray detector

Instrument Information:

Octete, Seiko EG&G Co. Ltd.

Instrument:

Elemental analyzer

Instrument Information:

Model 2400II, PerkinElmer Inc.



### Sample

Seawater, the others

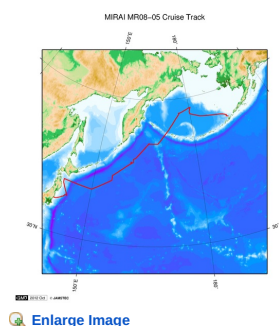
### Sample ID

Other sample list: No. 21, 22

### Data Format

Excel file

### Related Information



### MR08-05

Ship Name: MIRAI

Period: 2008-10-11 - 2008-11-07

Chief Scientist: Makio Honda (JAMSTEC)

Project Name: [Station K2, Station KNOT]

Proposal ▶ The study of ecosystem and materials' cycle in the North Pacific

Title:

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### Update History

2021-07-30 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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## MIRAI MR08-05 Po-210, Pb-210, POC, and PON data

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

Cruise ID: [MR08-05](#)

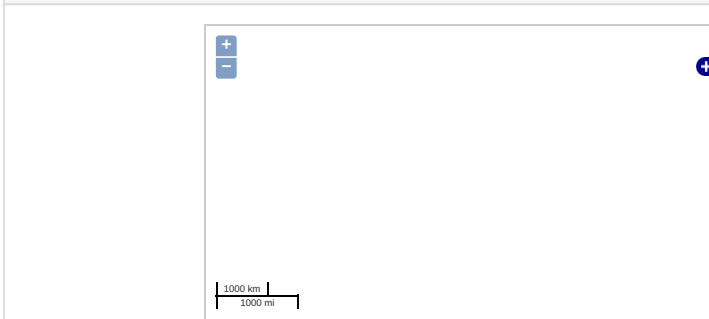
Po-210, Pb-210, POC, and PON data: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Observation Map



Imagery reproduced from ...

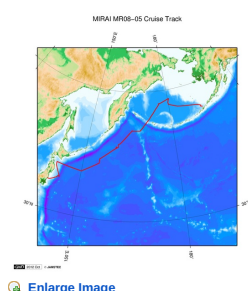
### Data List

[Add to Basket](#)

#### File names

MR08-05\_210Po\_210Pb.xls

### Related Information



[Enlarge Image](#)

#### MR08-05

Ship Name: MIRAI

Period: 2008-10-11 - 2008-11-07

Chief Scientist: Makio Honda (JAMSTEC)

Project Name: [Station K2.Station KNOT]

Proposal: ▶ The study of ecosystem and materials' cycle in the North Pacific

Title:

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#### Data

[Map Search](#)

[Data Tree](#)

[Detailed Search](#)

#### Information of the Ships

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[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](#)

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#### Go to a Cruise Information

Cruise ID:

#### Go to a Dive Information

Dive ID:

