

## MIRAI MR13-05 Concentration of iron in the bottom water

Last Modified: 2015-10-31

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

Cruise ID: [MR13-05](#)

Concentration of iron in the bottom water: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Data Information

Concentration of iron in the bottom water, MR13-05 MC01-03

### Cruise Report

[http://www.godac.jamstec.go.jp/catalog/data/doc\\_catalog/media/MR13-05\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR13-05_all.pdf)

### For Using Data

#### Principal Investigator

Japan Coast Guard Academy M13-07, Noriko Kawamura.

#### Use Constraints

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

#### Data Citation

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

### Instrument

Instrument:

Atomic absorption spectrophotometer

Instrument Information:

Atomic absorption spectroscopy is a spectroanalytical procedure for the quantitative determination of iron using the absorption of optical radiation by free atoms under high temperature.

<http://www.an.shimadzu.co.jp/aa/aa.htm>



### Sample

The bottom water in multiple cores

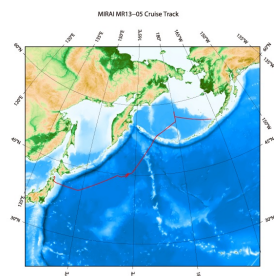
### Sample ID

MR13-05 MC01, MR13-05 MC02B, MR13-05 MC03

### Data Format

The data was submitted as the excel file.

### Related Information



[Enlarge Image](#)

### MR13-05

Ship Name: MIRAI

Period: 2013-08-12 - 2013-08-26

Chief Scientist: Saburo Sakai (JAMSTEC)

Proposal ▶ Study of distribution and optical characteristics of ice/water clouds and marine aerosols

Title:

### Update History

2015-10-31 An observation data was registerd.

Feeds

HAKUHO MARU

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 MR13-05 Concentration of iron in the bottom water

Last Modified: 2015-10-31

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

Cruise ID: **MR13-05**

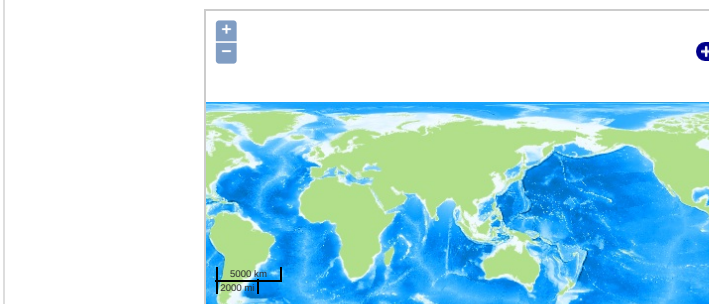
Concentration of iron in the bottom water: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Observation Map



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

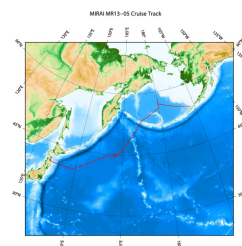
### Data List

[Add to Basket](#)

#### File names

☐ bottomwaterdata.xlsx

### Related Information



[Enlarge Image](#)

#### MR13-05

Ship Name: MIRAI

Period: 2013-08-12 - 2013-08-26

Chief Scientist: Saburo Sakai (JAMSTEC)

Proposal ▶ Study of distribution and optical characteristics of ice/water clouds and marine aerosols

Title:

### Update History

2015-10-31 An observation data was registerd.

#### JAMSTEC

[Site Policy](#)

[Privacy Policy](#)

[Application for Data and Samples](#)

[Data Policy](#)

[What's New](#)

[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:

