

## MIRAI MR10-01 Leg1 Sediment trap data

Last Modified: 2012-09-28

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

Cruise ID: [MR10-01 Leg1](#)

Sediment trap data: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Data Information

Results of chemical analysis on sinking particles collected by Drifting sediment traps at 60, 100, 150 and 200 m of time-series stations K2 and S1.

### Cruise Report

[http://www.godac.jamstec.go.jp/catalog/data/doc\\_catalog/media/MR10-01\\_leg1-2\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR10-01_leg1-2_all.pdf)

### For Using Data

#### Principal Investigator

Kazuhiko Matsumoto (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:

chemical analysis : Inductively Coupled Plasma-Atomic Emission Spectrometry (ICP-AES)  
Instrument Information:  
Inductively Coupled Plasma-Atomic Emission Spectrometry (ICP-AES): Perkin-Elmer Optima 3300DV.



Instrument:

chemical analysis : elemental analyzer  
Instrument Information:  
elemental analyzer (Parkin-Elmer 2400)



Instrument:

Particle collector : drifting sediment trap  
Instrument Information:  
drifting sediment trap. (Knauer type)  
Detail is written elsewhere(Cruise Report 3.5 Drifting sediment trap p. 126)



### Sample

Sinking particle

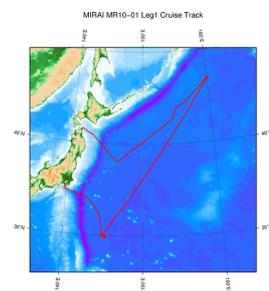
### Sample ID

K02DST-P01, S01DST-P01, S01DST-P02

### Data Format

Excell file

### Related Information



[Enlarge Image](#)

#### MR10-01 Leg1

Ship Name: MIRAI

Period: 2010-01-19 - 2010-02-06

Chief Scientist: Kazuhiko Matsumoto (JAMSTEC)

Project Name: [Station K2, Station S1, Station KEO, Station KNOT]

Proposal ▶ Change in material cycles and ecosystem by the climate change and its feed back

Title:

### Update History

2012-09-28 An observation data was registered.

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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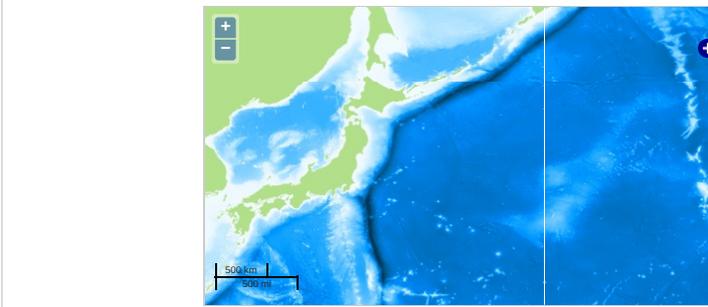
**MIRAI MR10-01 Leg1 Sediment trap data**

Last Modified: 2012-09-28

ReadMe: **Observation Data**

Cruise ID: [MR10-01 Leg1](#)  
Sediment trap data: Processed (PI)  
Data Policy: [JAMSTEC](#)  
Observation Items:  
Science Keywords:

**Observation Map**



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

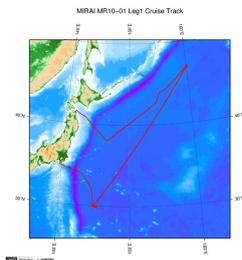
Imagery reproduced from ...

**Data List**

**File names**

MR10-01\_dst.zip

**Related Information**



**MR10-01 Leg1**

Ship Name: MIRAI  
Period: 2010-01-19 - 2010-02-06  
Chief Scientist: Kazuhiko Matsumoto (JAMSTEC)  
Project Name: [Station K2, Station S1, Station KEO, Station KNOT]  
Proposal: [» Change in material cycles and ecosystem by the climate change and its feed back](#)  
Title:

**Update History**

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**JAMSTEC**

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[HAKUHO MARU](#)

**Information of the Submersibles**

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[SHINKAI 2000](#)  
[SHINKAI 6500](#)  
[DEEP TOW](#)  
[HYPER-DOLPHIN](#)  
[URASHIMA](#)  
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[BK Camera DEEP TOW](#)  
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**Go to a Cruise Information**

Cruise ID:

**Go to a Dive Information**

Dive ID: