

MIRAI MR15-05 Leg2 Mass concentration of atmospheric aerosol particles

Last Modified: 2018-02-28

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

Cruise ID: [MR15-05 Leg2](#)

Mass concentration of atmospheric aerosol particles: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

Results of mass concentration of metal composition of atmospheric aerosol particles. To obtain the mass concentration of metal composition, the atmospheric aerosol particles collected along cruise track using high-volume air sampler were analyzed by ICP-AES.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR15-05_leg2_all.pdf

For Using Data

Principal Investigator

Fumikazu Taketani (JAMSTEC)

Use Constraints

It is recommended to contact the above investigator before use for publication.

Data Citation

It is recommended to contact the above investigator before use for publication.

Instrument

Instrument:

High volume air sampler (HV-525PM,
sibata scientific technology ltd)

Instrument Information:

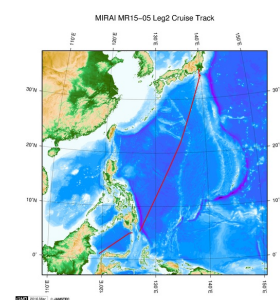
Aerosol particles were collected on the filter using the pump(500L/min). To avoid collecting particles emitted from the funnel of the own vessel, the sampling period was controlled automatically by using a "wind-direction selection system"



Data Format

Text format. See the header of the data files for more details.

Related Information



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MR15-05 Leg2

Ship Name: MIRAI

Period: 2016-01-13 - 2016-01-24

Chief Scientist: Akihiko Murata (JAMSTEC)

Proposal ▶ Research cruise on ocean decadal variability -- Indian Ocean GO-SHIP (Global Ocean Ship-based Hydrographic Investigation Program)

Update History

2018-02-28	An observation data was registered.
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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

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID:

POWER GRAB SAMPLER
(SHELL)
POWER GRAB SAMPLER
(CLOW)
BMS

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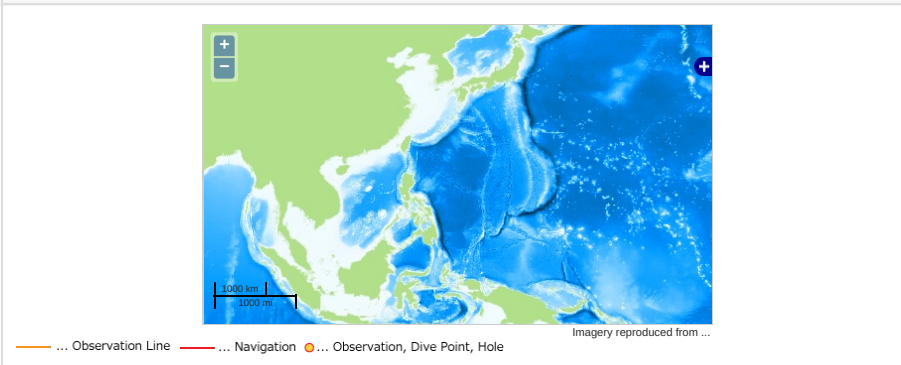
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Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Observation Map



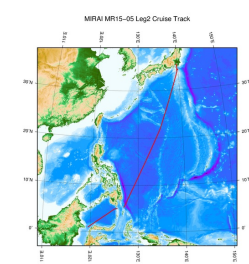
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File names

☐ MR1505_HV.csv

Related Information



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