

MIRAI MR14-06 Leg1 Mass concentration of atmospheric aerosol particles

Last Modified: 2018-01-23

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

Cruise ID: [MR14-06 Leg1](#)

Mass concentration of atmospheric aerosol particles: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

Results of mass concentration of water soluble composition of atmospheric aerosol particles. To obtain the mass concentration of water soluble composition, the atmospheric aerosol particles collected along cruise track using high-volume air sampler were analyzed by ion chromatography.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR14-06_leg1_all.pdf

For Using Data

Principal Investigator

Fumikazu Taketani (Department of Environmental Geochemical Cycle Research)

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.

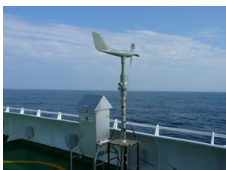
Instrument

Instrument:

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

Instrument Information:

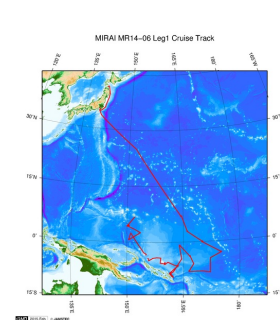
Aerosol particles were collected on the filter using the pump(500L/min). To avoid collecting particles emitted from the funnel of the own vessel, the sampling period was controlled automatically by using a "wind-direction selection system"



Data Format

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

Related Information



[Enlarge Image](#)

MR14-06 Leg1

Ship Name: MIRAI

Period: 2014-11-04 - 2014-12-17

Chief Scientist: Daisuke Suetsugu (JAMSTEC)

Proposal ▶ Study of structure and formation process of the Ontong Java Plateau

Title:

Update History

2018-01-23	An observation data was registered.
2017-02-28	An observation data was registered.

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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

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KAIYO
YOKOSUKA
MIRAI
KAIREI
CHIKYU
KAIMEI
SHINSEI MARU
HAKUHO MARU

Information of the Submersibles
KAICO
SHINKAI 2000
SHINKAI 6500
DEEP TOW
HYPER-DOLPHIN
URASHIMA
YOKOSUKA DEEP TOW
6K Camera DEEP TOW
6K Sonar DEEP TOW

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID:

KM-ROV
POWER GRAB SAMPLER
(SHELL)
POWER GRAB SAMPLER
(CLOW)
BMS

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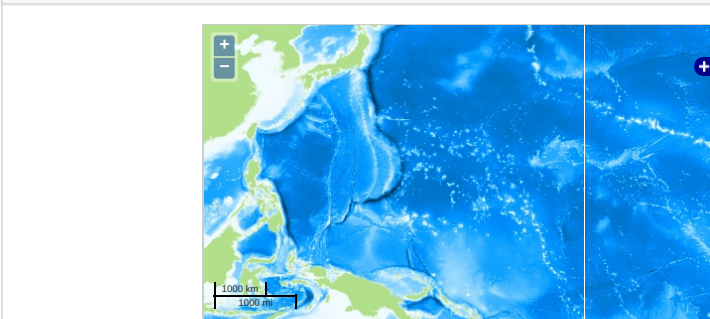
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Observation Items:

Science Keywords:

Observation Map



Imagery reproduced from ...

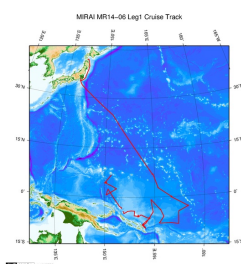
... Observation Line ... Navigation ... Observation, Dive Point, Hole

Data List

File names

☐ MR1406_HV.csv

Related Information



[Enlarge Image](#)

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[Data Policy](#)

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[Update History](#)
[Feeds](#)

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[Amount of Public Info.](#)

[Data](#)
[Map Search](#)
[Data Tree](#)
[Detailed Search](#)

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