

MIRAI MR14-01 Mass concentration of atmospheric aerosol particles

Last Modified: 2016-03-31

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

Cruise ID: [MR14-01](#)

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/MR14-01_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.

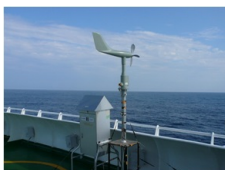
Instrument

Instrument:

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

Instrument Information:

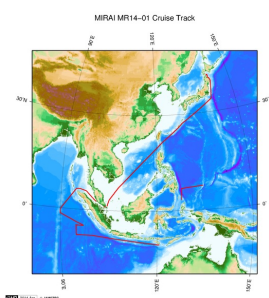
Aerosol particles were collected on the filter using the pump(500L/min). To avoid collecting particles emitted from the funnel of the own vessel, the sampling period was controlled automatically by using a "wind-direction selection system"



Data Format

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

Related Information



[Enlarge Image](#)

MR14-01

Ship Name: MIRAI

Period: 2014-01-08 - 2014-02-13

Chief Scientist: Iwao Ueki (JAMSTEC)

Project Name: [Tropical Ocean Climate Study (TOCS)]

Proposal ▶ Tropical Ocean Climate Study/Operation of TRITON Buoy

Title:

Update History

2016-03-31	An observation data was registered.
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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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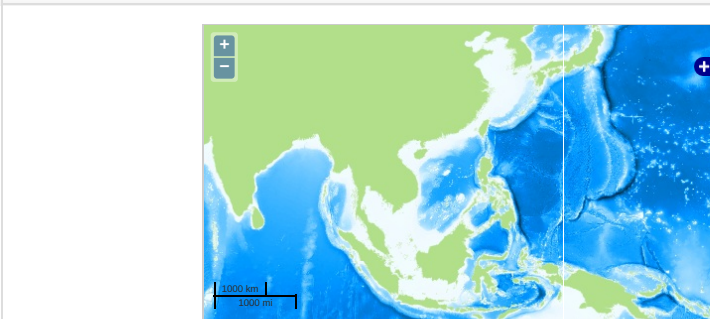
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Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Observation Map



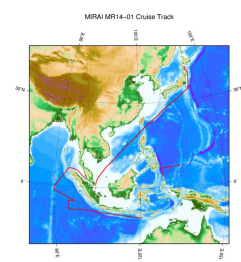
— ... Observation Line — ... Navigation ● ... Observation, Dive Point, Hole

Data List

File names

☐ MR1401_HV.csv

Related Information



[Enlarge Image](#)

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