

MIRAI MR18-04 Leg1 Mass concentration of water-soluble composition in atmospheric aerosol particles

Last Modified: 2020-09-30

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

Cruise ID: [MR18-04 Leg1](#)

Mass concentration of water-soluble composition in atmospheric aerosol particles: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

Results of mass concentration of water-soluble composition in the aerosol particles collected along cruise track. Samples were analyzed by ion chromatography.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR18-04_leg1_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:

Air sampler (NL-I-01, Tokyo Direc Corp.)

Instrument Information:

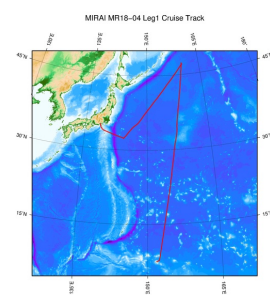
Aerosol particles were collected on the filter using the pump(10L/min). To avoid collecting particles emitted from the funnel of the own vessel, the sampling period was controlled automatically by using a "wind-direction selection system"



Data Format

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

Related Information



[Enlarge Image](#)

MR18-04 Leg1

Ship Name: MIRAI

Period: 2018-07-19 - 2018-08-09

Chief Scientist: Tetsuichi Fujiki (JAMSTEC)

Project Name: [Station K2, Station KEO]

Proposal The observational study to construct and to extend the "western Pacific super site network"

Title:

Update History

2020-09-30 An observation data was registered.

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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

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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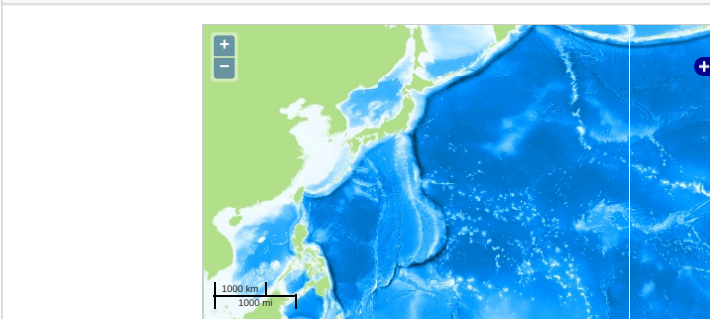
Mass concentration of water-soluble composition in atmospheric aerosol particles Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Observation Map



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

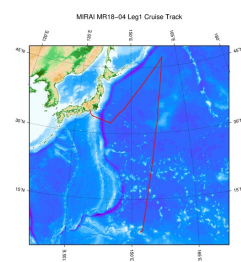
Imagery reproduced from ...

Data List

File names

☐ MR1804_aerosol.csv

Related Information



[Enlarge Image](#)

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