

MIRAI MR15-03 Leg2 Number concentrations of airborne fluorescent particles

Last Modified: 2018-01-31

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

Cruise ID: [MR15-03 Leg2](#)

Number concentrations of airborne fluorescent particles : Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

Results of number concentration for fluorescent airborne particles measured by WIBS4 installed on the frying deck. Data were selected in the case that relative wind direction and speed are from bow in +/90 deg and higher than 2m/s, respectively.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR15-03_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:

WIBS-4(Waveband Integrated

Bioaerosol Sensor)

Instrument Information:

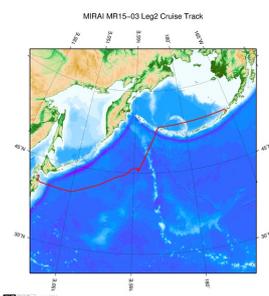
The fluorescence signals induced by two pulsed xenon UV lights (280 nm and 370 nm) from the particle are detected by two PMTs, separately for the 310–400 nm and 420–650 nm wavelength windows.



Data Format

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

Related Information



[Enlarge Image](#)

MR15-03 Leg2

Ship Name: MIRAI

Period: 2015-10-09 - 2015-10-21

Chief Scientist: Shigeto Nishino (JAMSTEC)

Project Name: [Arctic Ocean Climate System Research]

Proposal ▶ Observational studies on the Arctic Ocean climate and ecosystem variability

Title:

Update History

2018-01-31 An observation data was registered.

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Information of the Submersibles

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[SHINKAI 2000](#)

[SHINKAI 6500](#)

[DEEP TOW](#)

[HYPER-DOLPHIN](#)

[URASHIMA](#)

[YOKOSUKA DEEP TOW](#)

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[6K Sonar DEEP TOW](#)

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[POWER GRAB SAMPLER \(SHELL\)](#)

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID:

POWER GRAB SAMPLER
(CLOW)
BMS

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JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

国立研究開発法人
海洋研究開発機構

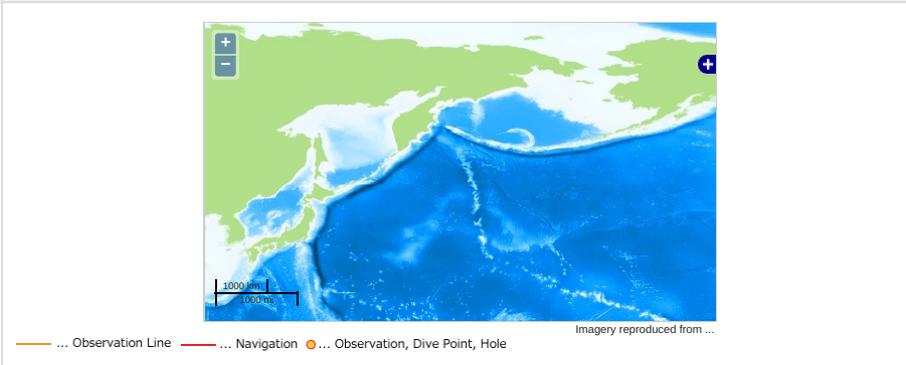
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Observation Map

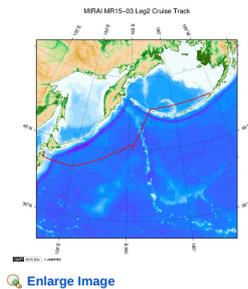


Data List

File names

MR1503_WIBS4.csv

Related Information



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