

## MIRAI MR15-03 Leg2 Ozone concentration Carbon monoxide concentration

Last Modified: 2017-10-31

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

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

Ozone concentration Carbon monoxide concentration: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Data Information

Ozone (O3) and carbon monoxide (CO) measurements were continuously conducted during the cruise using a UV ozone analyzer (Model 49C, Thermo) and an IR CO analyzer (Model 48C, Thermo) located in the Research Information Center, to which ambient air was drawn through 20-m-long Teflon tubes.

### Cruise Report

[http://www.godac.jamstec.go.jp/catalog/data/doc\\_catalog/media/MR15-03\\_leg2\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR15-03_leg2_all.pdf)

### For Using Data

#### Principal Investigator

Yugo Kanaya (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:

UV ozone analyzer (Model 49C, Thermo), IR CO analyzer (Model 48C, Thermo)

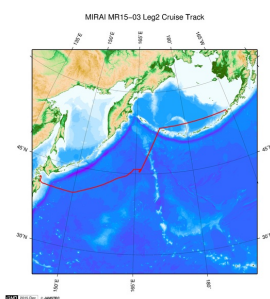
Instrument Information:



### 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

2017-10-31 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  
POWER GRAB SAMPLER

### Go to a Cruise Information

Cruise ID:

### Go to a Dive Information

Dive ID:

(SHELL)  
POWER GRAB SAMPLER  
(CLOW)  
BMS

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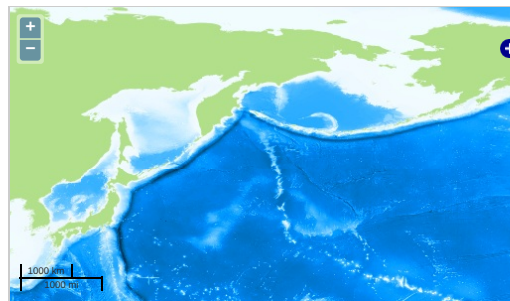
Ozone concentration Carbon monoxide concentration: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Observation Map



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

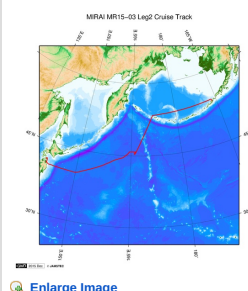
Imagery reproduced from ...

### Data List

File names

☐ mr15-03\_o3co\_final\_1h\_leg1\_leg2.csv

### Related Information



#### MR15-03 Leg2

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#### Lists

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#### Information of the Ships

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Cruise ID:

#### Go to a Dive Information

Dive ID:

