

## MIRAI MR15-05 Leg2 Ozone concentration Carbon monoxide concentration

Last Modified: 2018-02-28

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

Cruise ID: [MR15-05 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/MR15-05\\_leg2\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR15-05_leg2_all.pdf)

### For Using Data

#### Principal Investigator

Yugo Kanaya (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:

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

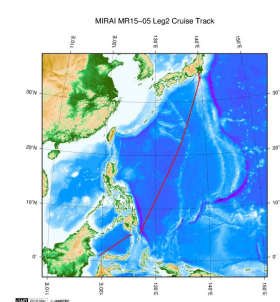
Instrument Information:



### Data Format

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

### Related Information



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### MR15-05 Leg2

Ship Name: MIRAI

Period: 2016-01-13 - 2016-01-24

Chief Scientist: Akihiko Murata (JAMSTEC)

Proposal ▶ Research cruise on ocean decadal variability -- Indian Ocean GO-SHIP (Global Ocean

Title: Ship-based Hydrographic Investigation Program)

### Update History

2018-02-28 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  
KAICO  
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  
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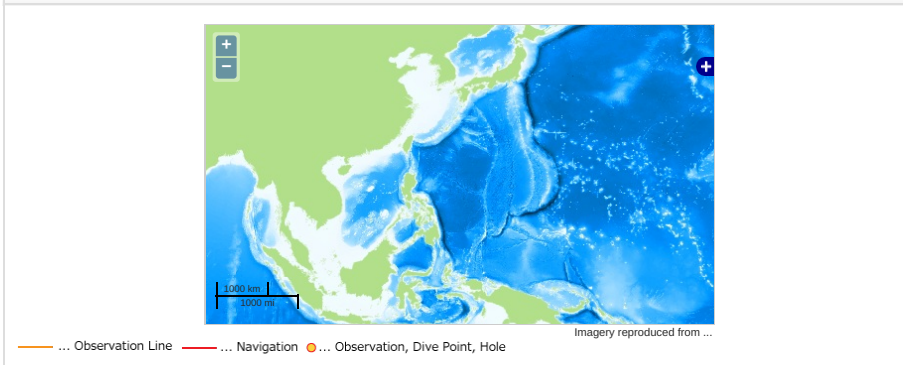
Ozone concentration Carbon monoxide concentration: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Observation Map



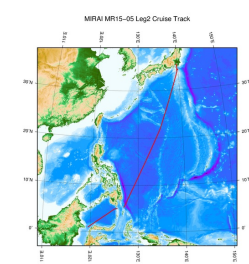
### Data List

[Add to Basket](#)

#### File names

☐ mr15-05\_o3co\_final\_1h.csv

### Related Information



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#### MR15-05 Leg2

Ship Name: MIRAI

Period: 2016-01-13 - 2016-01-24

Chief Scientist: Akihiko Murata (JAMSTEC)

Proposal ▶ Research cruise on ocean decadal variability -- Indian Ocean GO-SHIP (Global Ocean Ship-based Hydrographic Investigation Program)

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#### Information of the Ships

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