

## MIRAI MR14-06 Leg1 Ozone concentration Carbon monoxide concentration

Last Modified: 2016-12-22

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

Cruise ID: [MR14-06 Leg1](#)

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/MR14-06\\_leg1\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR14-06_leg1_all.pdf)

### For Using Data

#### Principal Investigator

Yugo Kanaya (JAMSTEC-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)

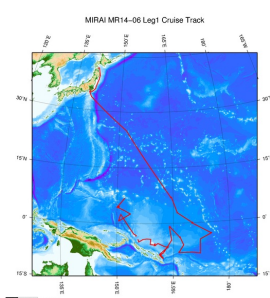
Instrument Information:



### Data Format

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

### Related Information



[Enlarge Image](#)

#### MR14-06 Leg1

Ship Name: MIRAI

Period: 2014-11-04 - 2014-12-17

Chief Scientist: Daisuke Suetsugu (JAMSTEC)

Proposal ▶ Study of structure and formation process of the Ontong Java Plateau

Title:

### Update History

2016-12-22 An observation data was registerd.

JAMSTEC  
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Application for Data and Samples  
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Feeds

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Map Search  
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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  
(CLOW)  
BMS

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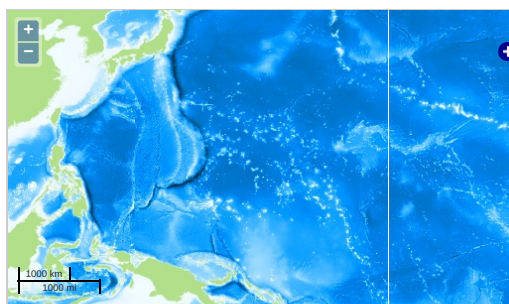
Ozone concentration Carbon monoxide concentration: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Observation Map



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

Imagery reproduced from ...

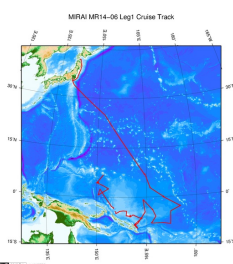
### Data List

[Add to Basket](#)

#### File names

mr14-06\_o3co\_final\_1h\_leg1.csv

### Related Information



[Enlarge Image](#)

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#### Data

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#### Information of the Ships

[NATSUSHIMA](#)

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Cruise ID:

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Dive ID: