

## MIRAI MR16-09 Leg1 Ozone concentration Carbon monoxide concentration

Last Modified: 2019-04-25

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

Cruise ID: [MR16-09 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/MR16-09\\_leg1-4\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR16-09_leg1-4_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)

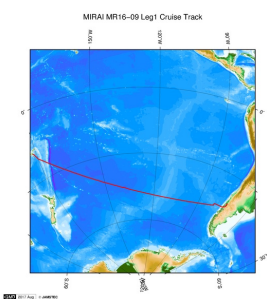
Instrument Information:



### Data Format

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

## Related Information



[Enlarge Image](#)

### MR16-09 Leg1

Ship Name: MIRAI

Period: 2016-12-26 - 2017-01-17

Chief Scientist: Akihiko Murata (JAMSTEC)

Proposal ▶ Ship-borne measurements of aerosols in the marine atmosphere: Investigation of potential influence of marine aerosol particles on the climate;

## Update History

2019-04-25 An observation data was registerd.

### JAMSTEC

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### Information of the Submersibles

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[SHINKAI 6500](#)  
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### Go to a Cruise Information

Cruise ID:

### Go to a Dive Information

Dive ID:

(SHELL)  
POWER GRAB SAMPLER  
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BMS

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Cruise ID: [MR16-09 Leg1](#)

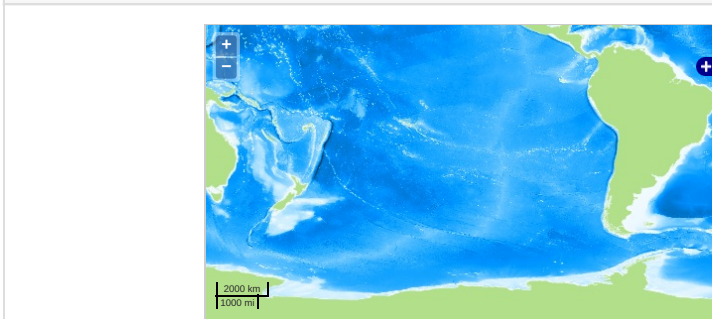
Ozone concentration Carbon monoxide concentration: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Observation Map



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

Imagery reproduced from ...

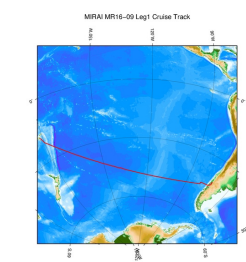
### Data List

[Add to Basket](#)

#### File names

☐ mr16-09\_o3co\_final\_1h.csv

### Related Information



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