

## MIRAI MR17-04 Leg1 Ozone and carbon monoxide concentration

Last Modified: 2019-09-30

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

Cruise ID: [MR17-04 Leg1](#)

Ozone and 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 48iTLE, 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/MR17-04\\_leg1-2\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR17-04_leg1-2_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 by email (yugo@jamstec.go.jp) before use for publication.

### Instrument

Instrument:

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

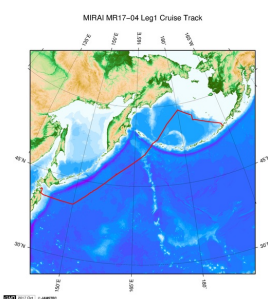
Instrument Information:



### Data Format

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

## Related Information



[Enlarge Image](#)

### MR17-04 Leg1

Ship Name: MIRAI

Period: 2017-07-10 - 2017-08-02

Chief Scientist: Tetsuichi Fujiki (JAMSTEC)

Project Name: [Station K2]

Proposal ▶ Collaborative experiment on Biogeochemical and Ecosystem Studies for sub-Arctic sea

Title:

## Update History

2019-09-30 An observation data was registerd.

JAMSTEC  
Site Policy  
Privacy Policy  
Application for Data and Samples  
Data Policy  
What's New  
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Feeds

Lists  
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Data  
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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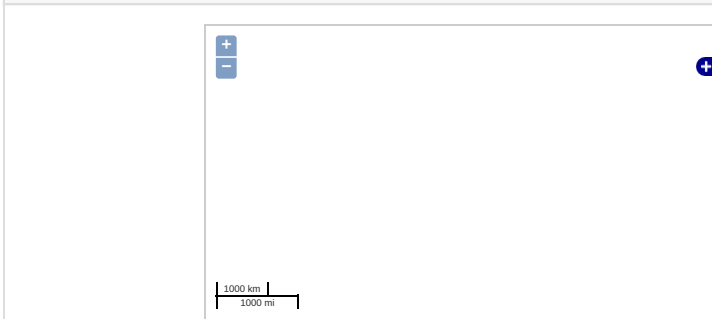
Ozone and carbon monoxide concentration: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Observation Map



Imagery reproduced from ...

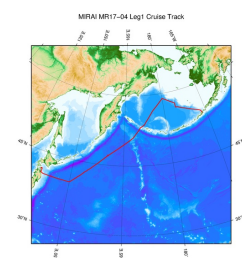
### Data List

[Add to Basket](#)

#### File names

mr17-04\_o3co\_final\_1h.csv

### Related Information



[Enlarge Image](#)

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Ship Name: MIRAI

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#### Data

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#### Information of the Ships

[NATSUSHIMA](#)

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Dive ID:

