

## MIRAI MR18-04 Leg1 Atmospheric ozone and carbon monoxide concentration

Last Modified: 2020-09-30

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

Cruise ID: [MR18-04 Leg1](#)

Atmospheric 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 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/MR18-04\\_leg1\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR18-04_leg1_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 48C,  
Thermo)

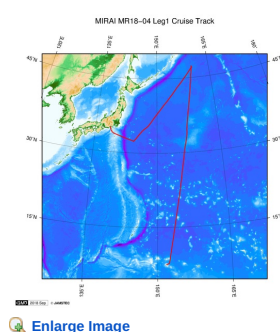
Instrument Information:



### Data Format

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

### Related Information



[Enlarge Image](#)

#### MR18-04 Leg1

Ship Name: MIRAI

Period: 2018-07-19 - 2018-08-09

Chief Scientist: Tetsuichi Fujiki (JAMSTEC)

Project Name: [Station K2, Station KEO]

Proposal The observational study to construct and to extend the "western Pacific super site network"

Title:

### Update History

2020-09-30 An observation data was registerd.

JAMSTEC  
[Site Policy](#)  
[Privacy Policy](#)  
[Application for Data and Samples](#)  
[Data Policy](#)  
  
**What's New**  
[Update History](#)  
[Feeds](#)

**Lists**  
[Publication List](#)  
[Amount of Public Info.](#)  
  
**Data**  
[Map Search](#)  
[Data Tree](#)  
[Detailed Search](#)

**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

Copyright 2011 Japan Agency for Marine-Earth Science and  
Technology



**JAMSTEC** 国立研究開発法人  
海洋研究開発機構  
JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

## MIRAI MR18-04 Leg1 Atmospheric ozone and carbon monoxide concentration

Last Modified: 2020-09-30

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

Cruise ID: [MR18-04 Leg1](#)

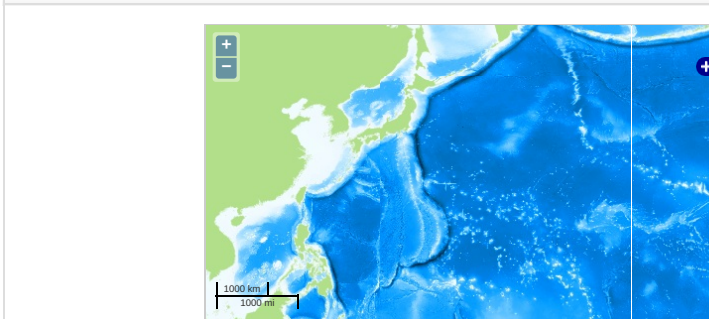
Atmospheric ozone and carbon monoxide concentration: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Observation Map



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

Imagery reproduced from ...

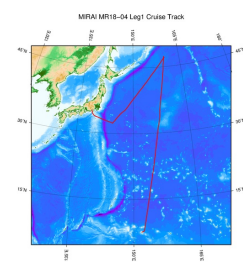
### Data List

[Add to Basket](#)

#### File names

☐ mr18-04\_o3co\_final\_1h.csv

### Related Information



[Enlarge Image](#)

#### MR18-04 Leg1

Ship Name: MIRAI

Period: 2018-07-19 - 2018-08-09

Chief Scientist: Tetsuichi Fujiki (JAMSTEC)

Project Name: [Station K2, Station KEO]

Proposal The observational study to construct and to extend the "western Pacific super site network"

Title:

### Update History

2020-09-30 An observation data was registered.

#### JAMSTEC

[Site Policy](#)

[Privacy Policy](#)

[Application for Data and Samples](#)

[Data Policy](#)

[What's New](#)

[Update History](#)

[Feeds](#)

#### Lists

[Publication List](#)

[Amount of Public Info.](#)

[Data](#)

[Map Search](#)

[Data Tree](#)

[Detailed Search](#)

#### 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 \(SHELL\)](#)

[POWER GRAB SAMPLER \(CLOW\)](#)

[BMS](#)

#### Go to a Cruise Information

Cruise ID:

#### Go to a Dive Information

Dive ID:

