

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

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)

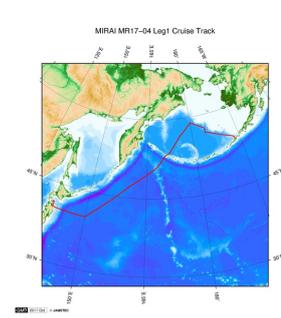
Instrument Information:



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.
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(SHELL)
POWER GRAB SAMPLER
(CLOW)
BMS

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Technology



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JAPAN AGENCY FOR MARINE-EARTH SCIENCE AND TECHNOLOGY

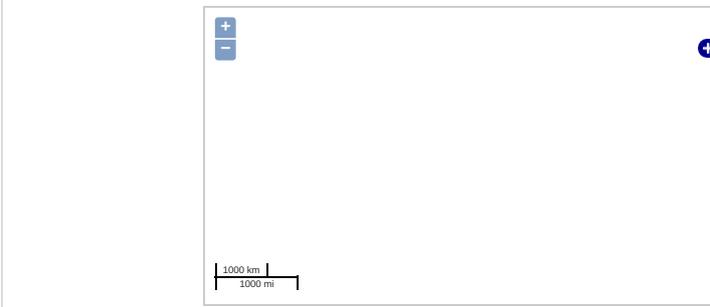
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ReadMe **Observation Data**

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Ozone and carbon monoxide concentration: Processed (PI)
Data Policy: [JAMSTEC](#)
Observation Items:
Science Keywords:

Observation Map



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

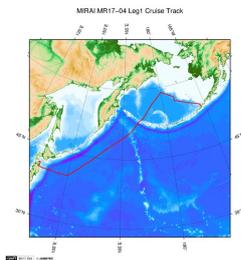
Imagery reproduced from ...

Data List

File names

mr17-04_o3co_final_1h.csv

Related Information



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
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JAMSTEC

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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 (GLOW)
- BMS

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID: