

MIRAI MR09-03 Leg2 Net primary productivity phytoplankton

Last Modified: 2012-09-28

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

Cruise ID: [MR09-03 Leg2](#)

Net primary productivity phytoplankton: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

Daily net primary productivity of phytoplankton analyzed using 13C method.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR09-03_leg1-3_all.pdf

For Using Data

Principal Investigator

Toru Hirawake (Faculty of Fisheries Sciences, Hokkaido University)

Use Constraints

Contact to the investigator above before using the data.

Data Citation

Hirawake, T., Shinmyo, K., Fujiwara, A., and Saitoh, S-I. Satellite remote sensing of primary productivity in the Bering and Chukchi Seas using an absorption-based approach. ICES Journal of Marine Science (in review).

Instrument

Instrument:

an in-line elemental analyzer

Instrument Information:

DELTAPlus ADVANTAGE (Thermo Finnigan)

Instrument:

isotope ratio mass spectrometer

Instrument Information:

Flash EA 1112



Sample

Filter sample

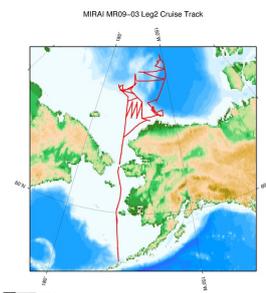
Sample ID

MR09-03 PP *

Data Format

Microsoft Excel. The details are found in the file.

Related Information



[Enlarge Image](#)

MR09-03 Leg2

Ship Name: MIRAI

Period: 2009-09-07 - 2009-10-15

Chief Scientist: Takashi Kikuchi (JAMSTEC)

Project Name: [Arctic Ocean Climate System Research]

Proposal ▶ Multi-disciplinary observation cruise for the Arctic Ocean

Title:

Update History

2012-09-28 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](#)

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID:

POWER GRAB SAMPLER
(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

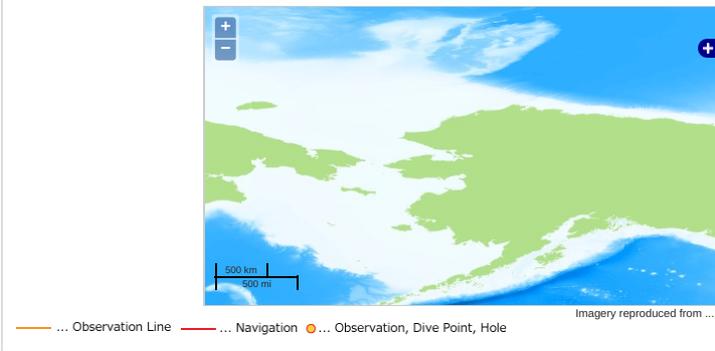
MIRAI MR09-03 Leg2 Net primary productivity phytoplankton

Last Modified: 2012-09-28

ReadMe: **Observation Data**

Cruise ID: **MR09-03 Leg2**
 Net primary productivity phytoplankton: Processed (PI)
 Data Policy: [JAMSTEC](#)
 Observation Items:
 Science Keywords:

Observation Map

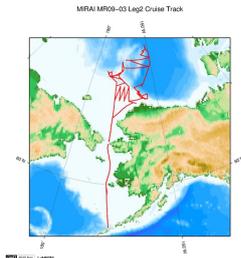


Data List

File names

MR09-03_leg2_ppd.zip

Related Information



MR09-03 Leg2
 Ship Name: MIRAI
 Period: 2009-09-07 - 2009-10-15
 Chief Scientist: Takashi Kikuchi (JAMSTEC)
 Project Name: [Arctic Ocean Climate System Research]
 Proposal: ▶ Multi-disciplinary observation cruise for the Arctic Ocean
 Title:

Update History

2012-09-28 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
 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 (SHELL)
 POWER GRAB SAMPLER (CLOW)
 BMS

Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID: