MIRAI MR99-K02 Th-234, POC, and PON data

Last Modified: 2020-06-30

ReadMe

Cruise ID: MR99-K02
Th-234, POC, and PON data : Processed (PI)
Data Policy: JAMSTEC
Observation Items:
Science Keywords:

Data Information

Th-234, POC, and PON data for estimate of flux of the particulate organic carbon from the surfce layre. The samples of seawater and suspended particle were collected by CTD-RMS or in situ pumping system. Data obtained from the cruises were electrically compiled as excel files in the datasite (https://doi.org/10.17596/0001986), and were depth, potential temperature (Theta), salinity, potential density (Sigma-theta), POC, PON, particulate Th-234 (P-234Th), dissolved Th-234 (D-234Th), and chlorophyll a. The data of depth, potential temperature, salinity, and potential density were measured by CTD sensors. The error of P-234Th and D-234Th was estimated from counting error.
Please contact to "**http://www.godac.jamstec.go.jp/catalog/data_catalog/metadataDisp/234Th_data?lang=en&view=detail**".

Cruise Report
http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR99-K02_all.pdf

For Using Data

Principal Investigator
Hajime Kawakami (JAMSTEC)

Use Constraints
Please contact PI (Hajime Kawakami, kawakami@jamstec.go.jp)

Data Citation
Data Citation: Hajime Kawakami (2019) 234Th and POC data in the North Pacific. JAMSTEC. doi:10.17596/0001986 (accessed YYYY-MM-DD)

Instrument

Instrument:
elemental analyzer
Instrument Information:
Model 2400II, PerkinElmer Inc.

NO IMAGE

Instrument:
Alpha-ray decector
Instrument Information:
Octéte, Seiko EG&G Co. Ltd.

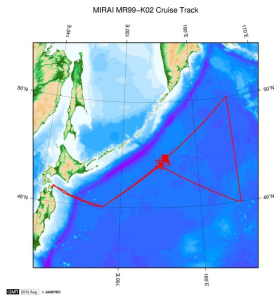
NO IMAGE

Sample
Seawater, the others

Sample ID
Seawater, suspended particle

Data Format
Excel file

Related Information



Enlarge Image

MR99-K02
Ship Name: MIRAI
Period: 1999-05-07 - 1999-05-30
Chief Scientist: Makio Honda (JAMSTEC)
Project Name: [Station K2,Station KNOT]

Update History

2020-06-30	An observation data was registerd.

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Sample

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Sample ID

Seawater, suspended particle

Data Format

Excel file

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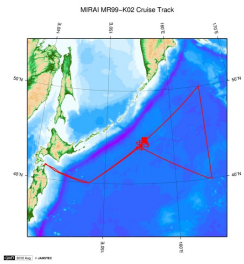

Enlarge Image

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