

## MIRAI MR10-05 Leg2 Absorbance of Colored Dissolved Organic Materials

Last Modified: 2014-03-06

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

Cruise ID: [MR10-05 Leg2](#)

Absorbance of Colored Dissolved Organic Materials : Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Data Information

Spectral absorbance of CDOM inside the visible range (350 - 750 nm)

Spectral absorbance of colored dissolved organic mater (CDOM) was measured using spectrophotometer (UV2400, Shimadzu) after the extraction of all particles by filtering through 0.2 µm pore sized nuclepore filter.

### Cruise Report

[http://www.godac.jamstec.go.jp/catalog/data/doc\\_catalog/media/MR10-05\\_leg1-2\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/MR10-05_leg1-2_all.pdf)

### For Using Data

#### Principal Investigator

Sei-ichi Saitoh (Faculty/Graduate School of Fisheries Sciences, Hokkaido University)

#### Use Constraints

See [Terms and Conditions](#) about constrain of use.

#### Data Citation

See [Terms and Conditions](#) about data citation.

### Instrument

Instrument:

Spectrophotometer UV2400

(Shimadzu)

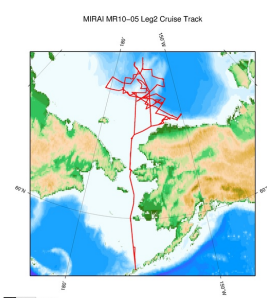
Instrument Information:



### Data Format

The data sampled at each station and each depth is formatted to a ASCII file. Measured wavelengths (nm) and absorbance were recorded to a file. The information of filtration and measurement is written in 'fieldnote\_CDOM.xls'.

### Related Information



[Enlarge Image](#)

#### MR10-05 Leg2

Ship Name: MIRAI

Period: 2010-09-02 - 2010-10-16

Chief Scientist: Motoyo Ito (JAMSTEC)

Project Name: [Arctic Ocean Climate System Reaserch]

Proposal ▶ Arctic Climate Oceanography

Title:

### Update History

2014-03-06	An observation data was registerd.
2013-02-25	An observation data was registerd.

#### JAMSTEC

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#### Data

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#### Go to a Cruise Information

Cruise ID:

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Dive ID:



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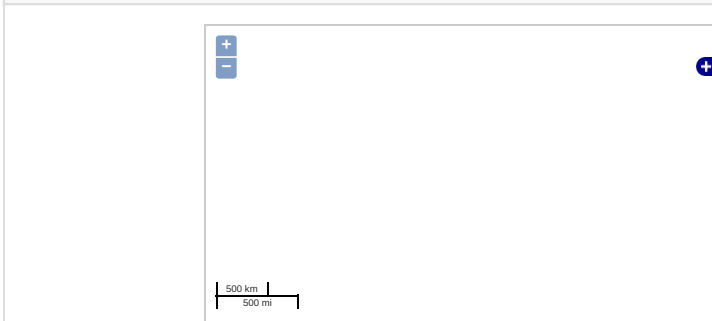
Absorbance of Colored Dissolved Organic Materials: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Observation Map



Imagery reproduced from ...







































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

### Data List

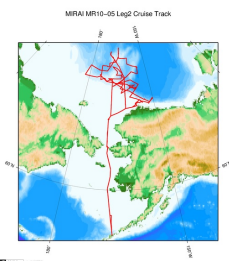
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#### ☐ File names

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	BASE1006.ASC
	BASE1007.ASC
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	REF1007.ASC
	REF1008.ASC
	REF1009.ASC
	REF1011.ASC
	REF1012.ASC
	REF1013.ASC
	fieldnote_CDOM.xlsx

#### Related Information



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Ship Name: MIRAI  
Period: 2010-09-02 - 2010-10-16  
Chief Scientist: Motoyo Ito (JAMSTEC)  
Project Name: [Arctic Ocean Climate System Reaserch]  
Proposal ▶ Arctic Climate Oceanography  
Title:

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