

## NATSUSHIMA NT12-14 MSP data

Last Modified: 2018-01-23

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

Cruise ID: [NT12-14](#)

MSP data: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

### Data Information

The timeseries observation located at 35.75N, 143E using a micro-structure profiler was performed by 2 times at 4-hour intervals from 08:00 UTC 15 June 2014 to 04:00 UTC 16 June. We, therefore, obtained 12 vertical profiles of turbulent dissipation ratio in total. Finally we obtained 6 vertical profiles of dissipation ratio at 4-hour intervals by ensemble average of four shear-probe data at 2-cast.

### Cruise Report

[http://www.godac.jamstec.go.jp/catalog/data/doc\\_catalog/media/NT12-14\\_all.pdf](http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/NT12-14_all.pdf)

#### For Using Data

##### Principal Investigator

Kazuyuki UEHARA, Department of Marine and Earth Science, Tokai University

##### Use Constraints

none

##### Data Citation

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

### Instrument

Instrument:

micro-structure profiler

Instrument Information:

TurboMAP-L manufactured by JFE

Advantech Co., Ltd., S/N=31



### Data Format

1st line: Cruise ID

2nd line: Station Name

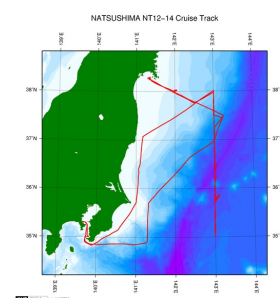
3rd line: Observation Date

4th line: UTC time of Observation Date

5th line: Timeseries observation point

Below 6th line: 1st column= pressure(dbar), 2nd column=temperature(°C) , 3rd column=turbulent dissipation ratio (W/kg, log10)

### Related Information



 [Enlarge Image](#)

#### NT12-14

Ship Name: NATSUSHIMA

Period: 2012-06-11 - 2012-06-18

Chief Scientist: Yoshimi Kawai (JAMSTEC)

Proposal Investigation of the atmospheric response to the Kuroshio Extension

Title:

### Update History

2018-01-23	An observation data was registered.
2014-08-31	An observation data was registered.

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#### Data

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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](#)

#### Go to a Cruise Information

Cruise ID:

#### Go to a Dive Information

Dive ID:

6K Sonar DEEP TOW  
KM-ROV  
POWER GRAB SAMPLER  
(SHELL)  
POWER GRAB SAMPLER  
(CLOW)  
BMS

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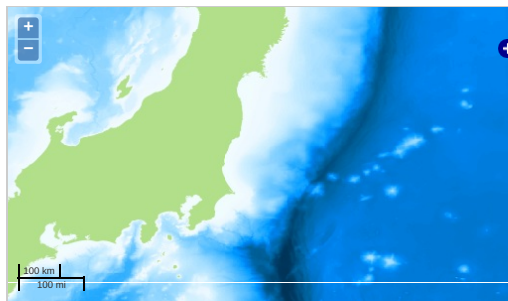
MSP data: Processed (PI)

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

☐ NT121401.msp.dat

☐ NT121402.msp.dat

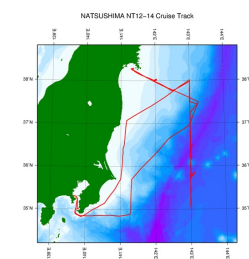
☐ NT121403.msp.dat

☐ NT121404.msp.dat

☐ NT121405.msp.dat

☐ NT121406.msp.dat

### Related Information



[Enlarge Image](#)

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