

NATSUSHIMA NT12-14 ceilometer data

Last Modified: 2018-01-23

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

Cruise ID: [NT12-14](#)

ceilometer data: Processed (PI)

Data Policy: [JAMSTEC](#)

Observation Items:

Science Keywords:

Data Information

5-minute values of back scattering coefficient and cloud base height were calculated from raw data obtained every 15 seconds. For back scattering coefficient, 5-minute arithmetic mean was calculated. For cloud base height, the number of 15-second values detected in each bin of 100 m within 5 minutes was counted using first, second and third cloud base heights. Then the bin with the highest frequency was picked up, and the cloud base heights in this bin were averaged. This is the 5-minute cloud base height defined in this file.

Cruise Report

http://www.godac.jamstec.go.jp/catalog/data/doc_catalog/media/NT12-14_all.pdf

For Using Data

Principal Investigator

Fumiaki Kobashi, The Graduate School of Marine Science and Technology, Tokyo University of Marine Science and Technology

Use Constraints

none

Data Citation

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

Instrument

Instrument:

Ceilometer

Instrument Information:

CL31 manufactured by Vaisala



Data Format

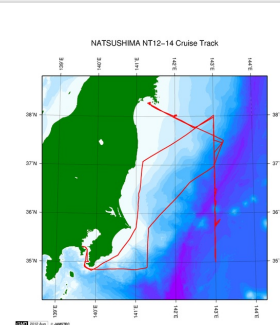
Text format: see README_ceilo.txt

Unit: 0.00001 1/(srad · km)

1st line: (year) (month) (day) (hour) (minute) (cloud base height)

2nd-772nd line: (height) (back scattering coefficient)

Related Information



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:

 [Enlarge Image](#)

Update History

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

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Go to a Cruise Information

Cruise ID:

Go to a Dive Information

Dive ID:

KM-ROV
POWER GRAB SAMPLER
(SHELL)
POWER GRAB SAMPLER
(CLOW)
BMS

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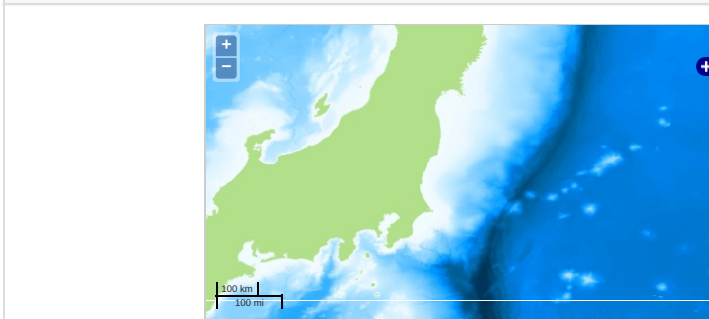
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Observation Map



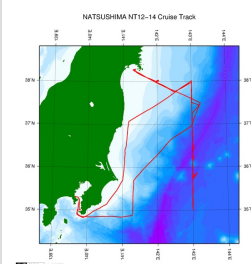
— ... Observation Line — ... Navigation ● ... Observation, Dive Point, Hole

Data List

[Add to Basket](#)

- ☐ File names
- ☐ N_5min.txt
- ☐ README_ceilo.txt

Related Information



[Enlarge Image](#)

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