

Lomonosov Ridge off Greenland (LOMROG) - Meteorological, Oceanographic and Ship Data Collected Onboard Icebreaker Oden during August 12 through September 19 2007

SND-ID: ecds0206-1. **Version:** 1.0. **DOI:** <https://doi.org/10.5879/ecds/2016-07-07.5/1>

Is part of collection at SND: [Icebreaker Oden](#)

This data description and associated data have been migrated from the ECDS portal to SND's research data catalogue. The level of documentation may therefore differ from other data descriptions in the catalogue. For more information about the migration of data from ECDS to SND click [here](#).

Download data

ECDS 0206-001 lomrog.zip (13.17 MB)

Citation

(2017) Lomonosov Ridge off Greenland (LOMROG) - Meteorological, Oceanographic and Ship Data Collected Onboard Icebreaker Oden during August 12 through September 19 2007 (Version 1.0) [Data set]. Swedish Polar Research Secretariat. Available at: <https://doi.org/10.5879/ecds/2016-07-07.5/1>

Creator/Principal investigator(s)

Swedish Polar Research Secretariat

Research principal

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Description

This data set contains meteorological, oceanographic and ship data collected during the Danish-Swedish expedition Lomonosov Ridge off Greenland (LOMROG), which was an international research cruise using the icebreaker Oden in the waters north of Greenland in August 2007.

This data set contains meteorological, oceanographic and ship data collected during the Danish-Swedish expedition Lomonosov Ridge off Greenland (LOMROG), which was an international research cruise using the icebreaker Oden in the waters north of Greenland.

Data includes meteorological variables: Air temperature, Humidity, Wind direction/speed, Atmospheric pressure.

Oceanographic variables: Sea water temperature, Conductivity, Salinity and Sound velocity.

Ship data: Position, Speed, Course, Water depth.

Further metadata on instrumentation and the individual variables can be found in the info file. Graphics and files describing the route are included in the package.

Quality Information:

Obviously erroneous data (e.g. negative air pressure) have been omitted. No other processing or quality check of the data has been undertaken. Users should be aware of this in further data handling and analysis.

Data contains personal data

No

Language

[English](#)

Time period(s) investigated

2007-08-12 – 2007-09-19

Data format / data structure

[Numeric](#)

[Geospatial](#)

Data collection 1

- Mode of collection: Physical measurements and tests
- Time period(s) for data collection: 2007-08-12 – 2007-09-19

Geographic spread

Geographic location: [Arctic Ocean](#)

Geographic description: Lomonosov Ridge off Greenland

Research area

[Engineering and technology](#) (Standard för svensk indelning av forskningsämnen 2011)

[Environmental sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Meteorology and atmospheric sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Oceanography, hydrology and water resources](#) (Standard för svensk indelning av forskningsämnen 2011)

[Climatology / meteorology / atmosphere](#) (INSPIRE topic categories)

[Oceans](#) (INSPIRE topic categories)

Keywords

[Meteorology](#), [Atmosphere](#), [Atmospheric winds](#), [Surface winds](#), [Atmospheric temperature](#), [Air temperature](#), [Atmospheric water vapor](#), [Humidity](#), [Atmospheric pressure](#), [Surface pressure](#), [Oceans](#), [Salinity](#), [Conductivity](#), [Density](#), [Ocean temperature](#), [Water temperature](#), [Water depth](#), [Seafloor topography](#), [Bathymetry](#), [The icebreaker oden](#)

Publications

Link to publication list:

[Publications and data](#)

Polygon (Lon/Lat)

-33.9, 83.44
-33.9, 70.38
39.55, 70.38
39.55, 83.44
-33.9, 83.44

Accessibility level

Access to data through SND
Data are freely accessible

Use of data

[Things to consider when using data shared through SND](#)

License

[CC BY 4.0](#)

Versions

Version 1.0. 2017-08-26

Homepage

[Study homepage](#)

Related research data in SND's catalogue

[Lomonosov Ridge off Greenland II \(LOMROG II\) - Meteorological, Oceanographic and Ship Data Collected Onboard Icebreaker Oden during July 31 through September 9 2009](#)

Is part of collection at SND

[Icebreaker Oden](#)

Download metadata

[DataCite](#)

[DDI 2.5](#)

[DDI 3.3](#)

[DCAT-AP-SE 2.0](#)

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[File overview \(CSV\)](#)

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