Ocean current measurements with autonomous instruments

SND-ID: ecds0146-1. **Version**: 1. **DOI**: https://doi.org/10.5878/b838-gm06

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

Automatic_data_measurement.zip *(103.07 MB)*

Citation

Broman, B. (2021) Ocean current measurements with autonomous instruments (Version 1) [Data set]. SMHI - Swedish Meteorological and Hydrological Institute. Available at: https://doi.org/10.5878/b838-gm06

Creator/Principal investigator(s)

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Research principal

SMHI - Swedish Meteorological and Hydrological Institute - SMHI - Swedish Meteorological and Hydrological Institute

Description

Results from current meters: Aanderaa, Geodyne and Sensordata used in various sites depending on several projects within the oceanograhic section at SMH during 1968-1998.

NOTE: This dataset does not meet SND's nominal standards for data reusability.

Datasets are periods of use in the field with given idnames. There is a possibility to search individual datasets via an access database where the search elements are pinfo/sinfo primary/secondary info. Pinfo is similar to measurements of current, temperature and water samples all described in an pdf. Sinfo is dependant on the type of measurement giving depth and variables.

Different datasets from autonomic instruments where quality is due to how well the timestep could be found in classes 0 - 4

Data contains a large amount of unstructured information in different zips and file formats, which are difficult understand without in depth knowledge of the research area. The data is therefore provided 'as is' for anyone who is interested.

Data contains personal data

No

Time period(s) investigated

1968 – 1998

Data format / data structure

Numeric

Geographic spread

Geographic location: Sweden

Responsible department/unit

SMHI - Swedish Meteorological and Hydrological Institute

Research area

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

Oceans (INSPIRE topic categories)

Natural environment (CESSDA Topic Classification)

Keywords

Wind-driven circulation, Surface winds

Polygon (Lon/Lat)

11.1133, 69.0603

11.1133, 55.3392

24.167, 55.3392

24.167, 69.0603

11.1133, 69.0603

Accessibility level

Access to data through SND
Data are freely accessible

Use of data

Things to consider when using data shared through SND

Versions

Version 1. 2021-04-09

Contact for questions about the data

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Download metadata

DataCite

DDI 2.5

DDI 3.3

DCAT-AP-SE 2.0

JSON-LD

PDF

Citation (CSL)

File overview (CSV)

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