NODC Accession Number

NODC Electronic Data Documentation Form

NOAA FORM 24-13
(Revised 9/2001)

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE
NATIONAL OCEANOGRAPHIC DATA CENTER
SSMC-3 FOURTH FLOOR, 1315 EAST WEST HWY
SILVER SPRING MD 20910-3282

FORM APPROVAL PENDING

This form should accompany all data submissions to the National Oceanographic Data Center. Section 1, Contributor Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent descriptive information about the submitted data at that time. Please include any relevant reports, publications, or other supporting documentation that assist in describing data collection, analysis, and format specifics.

SECTION 1. CONTRIBUTOR IDENTIFICATION

(PLEASE COMPLETE INFORMATION ABOUT WHO IS SENDING THE DATA TO NODC.)

1. Name of contributor Fiamma Straneo, Senior Scientist	5. Telephone 508-289-2914
2. Organization/Institution name Woods Hole Oceanographic Institution	6. Email fstraneo@whoi.edu
3. Mailing address 266 Woods Hole Road MS #21	7. FAX 508-457-2181
4. City Woods Hole State/Province MA Zip/Postal Code 02543 Country USA	8. Other contact methods/information

SECTION 2. DATA COLLECTOR IDENTIFICATION

(PLEASE COMPLETE INFORMATION ABOUT WHO COLLECTED THESE DATA.)

1. Name of data collector Fiamma Straneo, Senior Scientist	5. Telephone 508-289-2914
2. Organization/Institution name Woods Hole Oceanographic Institution	6. Email fstraneo@whoi.edu
3. Mailing address 266 Woods Hole Road MS #21	7. FAX 508-457-2181
4. City Woods Hole State/Province MA Zip/Postal Code 02543 Country USA	8. Other contact methods/information

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SECTION 3. GENERAL DATASET DESCRIPTION
(PLEASE COMPLETE GENERAL INFORMATION ABOUT THESE DATA.)

1. Dataset Title (if applicable) (may be sent in an included ASCII text file named “abcTITLE.TXT” where abc are your initials)

alrTITLE.TXT

2. Dataset Abstract (please provide a brief description of the contents of the dataset) (may be sent in an included ASCII text file named “abcABSTRACT.TXT” where abc are your initials)

alrABSTRACT.TXT

3. Dataset Purpose (please provide a brief statement about the purpose for collecting these data) (may be sent in an included ASCII text file named “abcPURPOSE.TXT” where abc are your initials)

The overreaching goal of this work is to understand the glacier/ocean interactions in Greenland's glacial fjord both to explain the recent and ongoing changes, and to improve our ability to make future predictions (of sea level rise in particular).

4. Dataset collection dates

First day of data collection: August 20, 2011

Last day of data collection: September 16, 2012

5 Dataset location

Northernmost Latitude	66 10.660
Southernmost Latitude	65 32.540
Easternmost Longitude	-37 43.621
Westernmost Longitude	-38 20.060

Ocean/sea area names

Greenland Sea

6. Platform(s) used to collect these data

Platform name(s) and type(s)

Mooring CM1SF5 - fixed platform, Mooring CM2SF6 - fixed platform, Mooring OE1 - fixed platform, Mooring OW1 - fixed platform, Mooring SF1 - fixed platform, Mooring SF3 - fixed platform, Mooring SF4 - fixed platform

7. Instruments used to collect these data

Instrument(s)

Sea Bird MicroCAT-37, RBR XR-420 CTD, RBR DR-150 Depth Recorder, Onset UTBI-001 TidbiT Temperature Logger, RDI Acoustic Doppler Profiler

8. Parameters measured

Parameters

conductivity, temperature, pressure, current velocity

9. Project name(s)

Glacier-Ocean Coupling in a large east Greenland fjord

10. Original cruise name(s)

Sermilik Fjord, East Greenland data collection 2011

11. Volume of data transferred (in bytes)

24.7 MB

12. Filenames in data submission

alrFILENAMES.TXT

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SECTION 4. SCIENTIFIC CONTENT OF DATASET

(PLEASE COMPLETE SPECIFIC INFORMATION ABOUT THESE DATA.)

Include enough information concerning the manner of observation, instrumentation, analysis, and data reduction techniques to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained 'as is' as a permanent part of the data and will be available for future users. Equivalent information already available may be substituted for this section of this form (i.e., publications, reports, and README files containing descriptions of observational and analytical methods).

NAME OF MEASURED PARAMETER	UNIT OF MEASURE USED FOR PARAMETER	OBSERVATION METHOD AND INSTRUMENT USED (TYPE & MODEL	ANALYTICAL METHOD AND LABORATORY PROCEDURES USED (INCLUDING MODIFICATIONS)	DATA PROCESSING TECHNIQUES (WITH FILTERING AND AVERAGING)
Conductivity Temperature Pressure	S/m degreeC decibar	SBE MicroCAT-37 SBE MicroCAT-37 SBE MicroCAT-37	N/A N/A N/A	Data collection before and after instrument was in water was removed.
Conductivity Temperature Pressure	S/m degreeC decibar	RBR XR-420 CTD RBR XR-420 CTD RBR XR-420 CTD	N/A N/A N/A	Pressure drifts were removed using a low pass filter with a 24-hour period.
Pressure	decibar	RBR DR-1050 Depth Recorder	N/A	Spikes in data were replaced with fill values.
Temperature	degreeC	Onset UTBI-001 TidbiT Temp	N/A	
Current Velocity	m/s	RDI ADCP	N/A	Current data was corrected for magnetic declination using the IGRF model.

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SECTION 5. DATA FORMAT OF DATASET

(PLEASE COMPLETE SPECIFIC INFORMATION ABOUT THE FORMAT OF THESE DATA.)

Include enough information concerning the format of these data to make them understandable to future users. Furnish at least the minimum documentation considered relevant for your data. Documentation will be retained 'as is' as a permanent part of the data and will be available for future users. Equivalent information already available may be substituted for this section of this form (i.e., publications, reports, and README files containing descriptions of the data format). At a minimum, please include the following information:

1. Media type on which data were submitted (e.g., FTP, exabyte tape, etc.)

FTP

2. Name of included file that contains specific record layout, if applicable, including:
FIELD NAME, POSITION FROM 0 MEASURED IN (BITS, BYTES, ETC.), LENGTH (NUMBER, UNITS), ATTRIBUTES, USE AND MEANING

SermilikGreenland_2011_MooringData

3. Brief description of file organization

Files are in netCDF format and each file contains data for each individual instrument that collected data.

4. Record type(s)

netCDF

5. Data format information contact person

Name AndreeRamsy

Email aramsey@whoi.edu

Telephone 508-289-2682

Address Woods Hole Oceanographic Institution
266 Woods Hole Road, MS #21
Woods Hole, MA 02543

SECTION 6. INSTRUMENT CALIBRATION

(PLEASE COMPLETE SPECIFIC CALIBRATION INFORMATION ABOUT INSTRUMENTS USED TO COLLECT THESE DATA.)

Include enough information about instrument calibration to make it understandable to future users. Furnish the minimum documentation considered relevant for each instrument. Documentation will be retained 'as is' as a permanent part of the data and will be available for future users. Equivalent information already available may be substituted for this section of this form (i.e., publications, reports, and README files containing descriptions of observational and analytical methods).

1. Name of included file that contains specific calibration details, if applicable, including:
INSTRUMENT TYPE (MFR., MODEL#), DATE OF LAST CALIBRATION, LAST CALIBRATED BY (NAME, ORGANIZATION), INSTRUMENT CALIBRATED AT (FIXED INTERVALS/BEFORE USE/AFTER USE/BEFORE AND AFTER USE/ONLY AFTER REPAIR/ONLY WHEN NEW/OTHER (SPECIFY)/INSTRUMENT NOT CALIBRATED