NODC Accession Number

NODC Electronic Data Documentation Form

NOAA FORM 24-13
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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 James J Pierson	5. Telephone 410-221-8218
2. Organization/Institution name University of Maryland Center for Environmental Science Horn Point Laboratory	6. Email jpierson@hpl.umces.edu
3. Mailing address 2020 Horns Point Road	7. FAX 410-221-8390
4. City Cambridge State/Province MD Zip/Postal Code 21613 Country USA	8. Other contact methods/information See collector information

SECTION 2. DATA COLLECTOR IDENTIFICATION

(PLEASE COMPLETE INFORMATION ABOUT WHO COLLECTED THESE DATA.)

1. Name of data collector Bruce W Frost James R Postel James J Pierson	5. Telephone 206-543-7186
2. Organization/Institution name University of Washington School of Oceanography	6. Email frost@ocean.washington.edu postel@ocean.washington.edu jpierson@hpl.umces.edu
3. Mailing address UW Oceanography Box 357940	7. FAX 206-543-0275
4. City Seattle State/Province WA Zip/Postal Code 98195-7940 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)

NSF OCE-0525943: "Forays and foraging by marine zooplankton" CTD data

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)

Raw and processed electronic data from CTD casts conducted during 8 cruises to Dabob Bay, WA in 2006 - 2008 for NSF funded project, NSF OCE-0525943 "Forays and foraging by marine zooplankton" Data were collected on one CTD cast per cruise.

This data has not yet been published, but manuscripts are currently in preparation

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)

These data were collected as part of a project to determine how the behavior of individual zooplankters affects their vertical distribution, over hourly temporal and 1-meter spatial scales. The CTD data was used to characterize the vertical structure of the water column before and/or after zooplankton sampling. These data were then used to choose depths for zooplankton sampling.

4. Dataset collection dates

First day of data collection	May 2006
Last day of data collection	April 2008

5 Dataset location

Northernmost Latitude	47 46.14 N
Southernmost Latitude	47 46.14 N
Easternmost Longitude	122 50.10 W
Westernmost Longitude	122 50.10 W
Ocean/sea area names	

Dabob Bay
Hood Canal
Puget Sound

6. Platform(s) used to collect these data
Platform name(s) and type(s)

R/V Clifford A. Barnes

7. Instruments used to collect these data
Instrument(s)

Sea-Bird SBE911 plus

Fitted with
Sea-Bird dissolved oxygen sensor
WetStar fluorometer

8. Parameters measured
Parameters

Pressure, Conductivity, Temperature, Oxygen concentration, Chlorophyll a fluorescence, light transmission, photosynthetically active radiation, phytoplankton concentration

9. Project name(s)

Forays and foraging by marine zooplankton

10. Original cruise name(s)

11. Volume of data transferred (in bytes)

0

12. Filenames in data submission

26Mar2007.cnv
30Apr2007.cnv
01Aug2007.cnv

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)
Pressure Conductivity Temperature	db mS/cm degrees C	Sea-Bird SBE911 plus (2003-2004)		Data were processed according to suggested recommendations in the SeaBird SeaSave users guide. All processing and filtering data are included in the header information for each CTD file.
Oxygen Concentration	ml/l	Sea-Bird (2003-2004) dissolved oxygen sensor		
Chlorophyll a concentration	mg/m3	WetStar fluorometer		
Photosynthetically active radiation (PAR)	micro Einsteins	LiCor PAR sensor		
Light transmission	%	SeaTech transmissometer		

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.)

email attachment

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

3. Brief description of file organization

Each file contains data processed according to the Sea-Bird SBEDataProc guidelines for binning, filtering, and deriving data. Information specific to the steps used for each file are included in the header of each file.

4. Record type(s)

5. Data format information contact person

Name James Pierson

Email jpierson@hpl.umces.edu

Telephone 410-221-8218

Address 2020 Horns Point Road
Cambridge, MD 21613

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

Data on instrument calibration is maintained by the U. of Washington Marine Technical Services group.