

DATA DOCUMENTATION FORM

POLY01
TAPENO. 006003NOAA FORM 24-13
(4-73)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
ROCKVILLE, MARYLAND 20852FORM APPROVED
O.M.B. No. 41-R2651

DSN = IDOE.POLY1

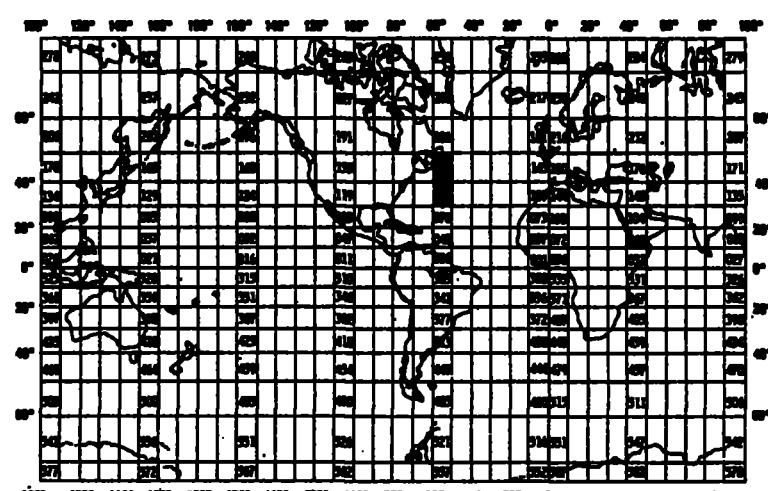
SL, Tape 9, LRECL = 900

Rec'd 7/16/79

This form should accompany all data submissions to NODC. Section A, Originator Identification, must be completed when the data are submitted. It is highly desirable for NODC to also receive the remaining pertinent information at that time. This may be most easily accomplished by attaching reports, publications, or manuscripts which are readily available describing data collection, analysis, and format specifics. Readable, handwritten submissions are acceptable in all cases. All data shipments should be sent to the above address.

A. ORIGINATOR IDENTIFICATION

THIS SECTION MUST BE COMPLETED BY DONOR FOR ALL DATA TRANSMITTALS

1. NAME AND ADDRESS OF INSTITUTION, LABORATORY, OR ACTIVITY WITH WHICH SUBMITTED DATA ARE ASSOCIATED			
Dept. of Earth and Planetary Sciences Massachusetts Institute of Technology Cambridge, MA 02139			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT	
POLYMODE II-3			
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES
WHOI Buoys	Buoy	PLATFORM OPERATOR	FROM: MO/DAY/YR TO: MO/DAY/YR
		U.S. U.S.	10/6/76 7/5/77
8. ARE DATA PROPRIETARY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES IF YES, WHEN CAN THEY BE RELEASED FOR GENERAL USE? YEAR MONTH		11. PLEASE DARKEN ALL MARSDEN SQUARES IN WHICH ANY DATA CONTAINED IN YOUR SUBMISSION WERE COLLECTED. GENERAL AREA	
9. ARE DATA DECLARED NATIONAL PROGRAM (DNP)? (I.E., SHOULD THEY BE INCLUDED IN WORLD DATA CENTERS HOLDINGS FOR INTERNA- TIONAL EXCHANGE?) <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELE- PHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1) Charmaine King 617-253-5259			

B. SCIENTIFIC CONTENT

Include enough information concerning manner of observation, instrumentation, analysis, and data reduction routines to make them understandable to future users. Furnish the minimum documentation considered relevant to each data type. Documentation will be retained as a permanent part of the data and will be available to future users. Equivalent information already available may be substituted for this section of the form (i.e., publications, reports, and manuscripts describing observational and analytical methods). If you do not provide equivalent information by attachment, please complete the scientific content section in a manner similar to the one shown in the following example.

EXAMPLE (HYPOTHETICAL INFORMATION)

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Salinity	‰	Nansen bottles	Inductive salinometer (Hytech model S510)	N/A (Not applicable)
		STD Bissett-Berman Model 9006	N/A	Values averaged over 5-meter intervals
Water color	Forel scale	Visual comparison with Forel bottles	N/A	N/A
Sediment size	φ units and percent by weight	Ewing corer	Standard sieves. Carbonate fraction removed by acid treatment	Same as "Sedimentary Rock Manual," Folk '65

(SPACE IS PROVIDED ON THE FOLLOWING
TWO PAGES FOR THIS INFORMATION)

B. SCIENTIFIC CONTENT

NAME OF DATA FIELD	REPORTING UNITS OR CODE	METHODS OF OBSERVATION AND INSTRUMENTS USED (SPECIFY TYPE AND MODEL)	ANALYTICAL METHODS (INCLUDING MODIFICATIONS) AND LABORATORY PROCEDURES	DATA PROCESSING TECHNIQUES WITH FILTERING AND AVERAGING
Temperature	Degrees Celsius	Temperature/Pressure Recorders	N/A	Raw, corrected data
Pressure	Decibars	see C. Wunsch & J. Dahlen Deep-Sea Research, 1974		

RECORD FORMAT DESCRIPTION

RECORD NAME

FILE LABEL RECORD

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., Miles, Bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
BLANK	1	1	bytes	1x	BLANK
DESIG	2	8	"	A8	MIT Mooring, System designation
RLAT	10	10	"	F10.5	North latitude
RLONG	20	10	"	F10.5	West longitude
ISYS	30	4	"	I4	System number
DEPTH	34	7	"	F7.1	Depth in meters (INSTRUMENT DEPTH)
STIME	41	14	"	F14.6	Start time of data Julian hours (no. of hours since Jan. 1, 1900, 0:0)
SMNTH	55	3	"	I3	Month of data start time
SDAY	58	3	"	I3	Day of data start time
SYR	61	5	"	I5	Year of data start time
SHR	66	3	"	I3	Hour of data start time (G.M.T.)
SMIN	69	3	"	I3	Minute of data start time
ENDTIM	72	14	"	F14.6	End time of data - Julian hours
EMNTH	86	3	"	I3	Month of data end time
EDAY	89	3	"	I3	Day of data end time
EYR	92	5	"	I5	Year of data end time
EHR	97	3	"	I3	Hour of data end time (G.M.T.)
EMIN	100	3	"	I3	Minute of data end time
NPTS	103	6	"	I6	No. of points of valid temp. or press. data in file
DEL	109	9	"	F9.6	Time in hours between 2 con- secutive data points

C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS.

1. LIST RECORD TYPES CONTAINED IN THE TRANSMITTAL OF YOUR FILE
GIVE METHOD OF IDENTIFYING EACH RECORD TYPE

File Label Record

Detail (Data) Record

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

The first record of each file is the file label record

This is followed by N detail records

where $N = \text{NPTS}/50 + 1$

NPTS = No. of valid data points

50 temperature, pressure value sets fit on each record.

3. ATTRIBUTES AS EXPRESSED IN ☐ PL-1 ☐ ALGOL ☐ COBOL
☒ FORTRAN ☐ _____ LANGUAGE

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER Charmaine King (617) 253-5259

ADDRESS 24-408, M.I.T., Cambridge, MA 02139

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE <input type="checkbox"/> BCD <input type="checkbox"/> BINARY <input type="checkbox"/> ASCII <input checked="" type="checkbox"/> EBCDIC <input type="checkbox"/> _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) <input type="checkbox"/> 3/4 INCH <input type="checkbox"/> .6 inch
6. NUMBER OF TRACKS (CHANNELS) <input type="checkbox"/> SEVEN <input checked="" type="checkbox"/> NINE <input type="checkbox"/> _____	10. END OF FILE MARK Standard IBM, <input type="checkbox"/> OCTAL 17 CDC, Honeywell <input checked="" type="checkbox"/> 1 Byte CCW
7. PARITY <input checked="" type="checkbox"/> ODD <input type="checkbox"/> EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME KEY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER) NL 18 FILES 9 TRACK EBCDIC DCB=(RECFM=FB LRECL=900, BLKSIZE=6300)
8. DENSITY <input type="checkbox"/> 200 BPI <input checked="" type="checkbox"/> 1600 BPI <input type="checkbox"/> 556 BPI <input type="checkbox"/> 800 BPI <input type="checkbox"/> _____	12. PHYSICAL BLOCK LENGTH IN BYTES 6300
	13. LENGTH OF BYTES IN BITS 8

RECORD FORMAT DESCRIPTION

RECORD NAME FILE LABEL RECORD (CONTINUED)

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
COMM	118	28	bytes	7A4	Comment
IDUM	146	755	"	75511	Dummy - fills in record for fixed block format (2840 FILLER)

RECORD FORMAT DESCRIPTION

Detail (data) record

RECORD NAME

14. FIELD NAME	15. POSITION FROM -1 MEASURED IN (e.g., bits, bytes)	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		
(1) T	1	9	Bytes	F9.4	Temperature (°C)
(1) P	10	9	"	F9.2	Pressure (Decibars)
(2) T	19	9	"	F9.4	
(2) P	28	9	"	F9.2	
"					
"					
"					
(50) T	883	9	"	F9.4	
(50) P	892	9	"	F9.2	
<p>NOTE: T, P array size must be rounded up to next 50:</p> <p>NPTS = 7920 P(7950) T(7950)</p>					

<u>File</u>	<u>Designation</u>	<u>lat. (N)</u>	<u>long. (W)</u>	<u>Comment</u>
1	WHO 6002	35.92167	54.74000	T.P
2	WHO 6005	35.92167	54.74000	T.P
3	WHO 6007	35.92167	54.74000	T.P
4	WHO 6022	41.49000	54.96667	T.P
5	WHO 6032	40.45167	55.05000	T.P
6	WHO 6042	39.48667	55.01333	T.P
7	WHO 6052	38.48000	54.93500	T.P
8	WHO 6054	38.48000	54.93500	T.P
9	WHO 6062	37.48833	54.99333	T
10	WHO 6082	35.88000	55.07667	T.P T off-scale
11	WHO 6086	35.88000	55.07667	P used T = 3.8
12	WHO 6087	35.88000	55.07667	T.P T off-scale
13	WHO 6089	35.88000	55.07667	T.P
14	WH 60811	35.88000	55.07667	T.P
15	WHO 6095	35.59667	55.08000	T.P
16	WHO 6099	35.59667	55.08000	T.P
17	WHO 6112	35.92500	55.08000	T.P
18	WHO 6123	31.58667	54.93333	T.P