

7601613

LAID

Record 186 on screen

0192 LEVEL-A DATA INVENTORY AND ABSTRACT 000096 ENTRY DATE: 04/15/93

NODC Accession No.: 7601613 NODC Ref. No.: L01361 Ending Ref. No.: L01361

File Alias: L120 - Tide Data

Obs. Start: 01/01/72 Obs. End: 06/30/74 No. Stations: 000000015

No. Records: 000000015218 Avg. Rec Size: 120 Mbytes: 1.83

Media-In: 01 Media-In Descr: Magnetic tape

Platform: 32TJ Platform Type: 4 Platform Type Descr: Fixed Station
TIDE STATIONS

Country_Inst: 31J4 Orig. Cruise ID: multi sites
US DOC NOAA NOS (ROCKVILLE, MD)

Project Code: -

F4CMDHELP ESCEXIT F2SAVE SH-F1TABLE F3VIEW F7DEL F8MODIFY F9QBE F10MULTI

LAI

Principal Investigator: Saul Berkman NOS (Tides)

Geo. Area 1: 23C Meaning 1: North American Coastline-North

Geo. Area 2: 23J Meaning 2: Chesapeake Bay

Where is the data?: DAMUS Tape Library

File or Directory Name(s) for Data on NODC Disk File Server:

Original NODC tape copies were D00963, D00694. Copy tape was W12477.
These data are on server under reference number L01361.001

NODC Tape No.: DAMUS Tape No.: L76367
(Multiple tapes listed in the Abstract)

DAMUS Tape Tracks: 18-Trk Cartridge Representation: ASCII

Label (enter "none" when applicable): DNODC*7601613L

Number of Files: 112 Max. Length of Record: 120 Block Size: 120

Descriptor 1: Tides

Descriptor 2: Chesapeake Bay

Descriptor 3: Atlantic

Descriptor 4: Solomons Island

F4CMDHELP ESCEXIT F2SAVE SH-F1TABLE F3VIEW F7DEL F8MODIFY F9QBE F10MULTI

LAI

Descriptor 5: Maryland

Descriptor 6: Virginia

E/OC13 Comments:

ABSTRACT:

THIS TAPE CONTAINS TIDAL INFORMATION FOR CHEASAPEAKE BAY. TIDE HEIGHTS REA REFERRED TO NGV DATUM 1929. DATA WAS SUBMITTED BY SAUL BERKMAN, NOS TIDES BRANCH, OCEANOGRAPHIC DIVISION. THESE DATA ARE IN NODC FORMAT

These data were collected roughly 37-39 degrees N, 75 degrees W (stations were in Baltimore, Bayport VA, Cambridge MD, Cheatham Annex VA, Chesapeake City, MD, Gaskins Point, VA, Hampton Roads, VA, Kiptopeke Beach VA, Lower Marlboro, MD, Old Pt Comfort VA, Portsmouth VA, Solomons MD, Taylor Island MD, Washington DC, and Windmill Point VA. The data are in half-hourly units and includes latitude, longitude, date, time, and tidal height. The documentation describes the record format.

F4CMDHELP ESCEXIT F2SAVE SH-F1TABLE F3VIEW F7DEL F8MODIFY F9QBE F10MULTI

7601613	BL2478	L120	9999	31J4	32TJ	
	SHIP					3
	NULL					3504
	Jan 1 1974 12:00AM			Apr 30 1974 12:00AM		
	0	0 09		NULL NULL		
	C120					
	300598	3384				
7601613	BL2479	L120	9999	31J4	32TJ	
	SHIP					3
	NULL					1488
	Mar 31 1974 12:00AM			Apr 30 1974 12:00AM		
	0	0 09		NULL NULL		
	C120					
	300599	3384				
7601613	BL2480	L120	9999	31J4	32TJ	
	SHIP					3
	NULL					1872
	Sep 1 1973 12:00AM			Oct 9 1973 12:00AM		
	0	0 09		NULL NULL		
	C120					
	300600	3384				
7601613	BL2481	L120	9999	31J4	32TJ	
	SHIP					3
	NULL					

7601613	BL2481	L120	9999	31J4	32TJ	
	SHIP					
	NULL					
	Jul 28 1972 12:00AM			Jun 30 1974 12:00AM		3
	0	0 09		NULL NULL		24912
	C120					
	300601	3384				
7601613	BL2482	L120	9999	31J4	32TJ	
	SHIP					
	NULL					
	Aug 1 1973 12:00AM			Nov 15 1973 12:00AM		3
	0	0 09		NULL NULL		5136
	C120					
	300602	3384				
7601613	BL2483	L120	9999	31J4	32TJ	
	SHIP					
	NULL					
	Jul 1 1973 12:00AM			Jun 30 1974 12:00AM		3
	0	0 09		NULL NULL		11760
	C120					
	300603	3384				
7601613	BL2484	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3

7601613	BL2484	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3
	Nov 0	1 1973 12:00AM		Jun 30 1974 12:00AM		8688
		0 09		NULL NULL		
	C120					
	300604	3384				
7601613	BL2485	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3
	Jun 0	1 1973 12:00AM		Oct 11 1973 12:00AM		6384
		0 09		NULL NULL		
	C120					
	300605	3384				
7601613	BL2486	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3
	Jul 0	1 1973 12:00AM		Dec 31 1973 12:00AM		8832
		0 09		NULL NULL		
	C120					
	300606	3384				
7601613	BL2487	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3

7601613	BL2487	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3
	Jan 10 1974 12:00AM			Feb 28 1974 12:00AM		2400
	0	0 09		NULL NULL		
	C120					
	300607	3384				
7601613	BL2488	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3
	Nov 15 1972 12:00AM			Mar 31 1974 12:00AM		22608
	0	0 09		NULL NULL		
	C120					
	300608	3384				
7601613	BL2489	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3
	Jan 1 1973 12:00AM			Feb 14 1974 12:00AM		19680
	0	0 09		NULL NULL		
	C120					
	300609	3384				
7601613	BL2490	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3

7601613	BL2490	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3
	Jan 1 1973 12:00AM			Jun 30 1973 12:00AM		8688
	0	0 09		NULL NULL		
	C120					
	300610	3384				
7601613	BL2491	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3
	Jan 1 1972 12:00AM			Feb 28 1973 12:00AM		20352
	0	0 09		NULL NULL		
	C120					
	300611	3384				
7601613	BL2492	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3
	Jan 1 1972 12:00AM			Apr 3 1972 12:00AM		4464
	0	0 09		NULL NULL		
	C120					
	300612	3384				
7601613	L01361	L120	9999	31J4	32TJ	
	FIXED STATION					
	NULL					3

7601613	BL2491	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3
	Jan 1 1972 12:00AM			Feb 28 1973 12:00AM		20352
	0	0 09		NULL NULL		
	C120					
	300611	3384				
7601613	BL2492	L120	9999	31J4	32TJ	
	SHIP					
	NULL					3
	Jan 1 1972 12:00AM			Apr 3 1972 12:00AM		4464
	0	0 09		NULL NULL		
	C120					
	300612	3384				
7601613	L01361	L120	9999	31J4	32TJ	
	FIXED STATION					
	NULL					3
	Jan 1 1972 12:00AM			Jun 30 1974 12:00AM		15
	0	0 09		NULL 1		
	E132 TIDE DATA					
	300613	3384				

(16 rows affected)

1>

DATA DOCUMENTATION FORM

BL 2478-BL 2492

NOAA FORM 24-13
(4-77)U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEANOGRAPHIC DATA CENTER
RECORDS SECTION
WASHINGTON, DC 20235FORM APPROVED
O.M.B. No. 41-R2651
EXPIRES 1-81

LA 120

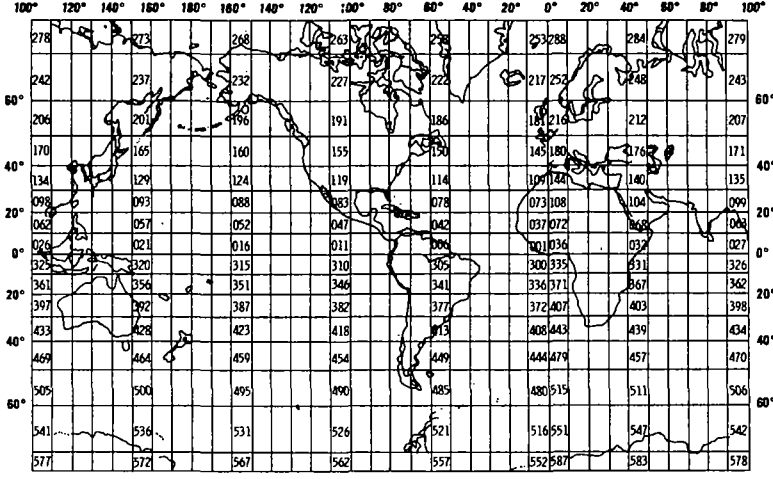
(While you are not required to use this form, it is the most desirable mechanism for providing the required ancillary information enabling the NODC and users to obtain the greatest benefit from your data.)

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.

L01361 L120

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 <i>MOS</i>			
2. EXPEDITION, PROJECT, OR PROGRAM DURING WHICH DATA WERE COLLECTED <i>Chesapeake</i>		3. CRUISE NUMBER(S) USED BY ORIGINATOR TO IDENTIFY DATA IN THIS SHIPMENT <i>TIDE DATA</i>	
4. PLATFORM NAME(S)	5. PLATFORM TYPE(S) (E.G., SHIP, BUOY, ETC.)	6. PLATFORM AND OPERATOR NATIONALITY(IES)	7. DATES FROM: MO, DAY, YR TO: MO, DAY, YR
8. ARE DATA PROPRIETARY? ☐ NO ☐ 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 INTERNATIONAL EXCHANGE?) ☐ NO ☐ YES ☐ PART (SPECIFY BELOW)			
10. PERSON TO WHOM INQUIRIES CONCERNING DATA SHOULD BE ADDRESSED WITH TELEPHONE NUMBER (AND ADDRESS IF OTHER THAN IN ITEM-1)			

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

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

C. DATA FORMAT

This information is requested only for data transmitted on punched cards or magnetic tape. Have one of your data processing specialists furnish answers either on the form or by attaching equivalent readily available documentation. Identify the nature and meaning of all entries and explain any codes used.

1. List the record types contained in your file transmittal (e.g., tape label record, master, detail, standard depth, etc.).
2. Describe briefly how your file is organized.
- 3-13. Self-explanatory.
14. Enter the field name as appropriate (e.g., header information, temperature, depth, salinity).
15. Enter starting position of the field.
16. Enter field length in number columns and unit of measurement (e.g., bit, byte, character, word) in unit column.
17. Enter attributes as expressed in the programming language specified in item 3 (e.g., "F 4.1," "BINARY FIXED (5.1)").
18. Describe field. If sort field, enter "SORT 1" for first, "SORT 2" for second, etc. If field is repeated, state number of times it is repeated.

C. DATA FORMAT

COMPLETE THIS SECTION FOR PUNCHED CARDS OR TAPE, MAGNETIC TAPE, OR DISC SUBMISSIONS. 4

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

2. GIVE BRIEF DESCRIPTION OF FILE ORGANIZATION

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

4. RESPONSIBLE COMPUTER SPECIALIST:

NAME AND PHONE NUMBER _____
ADDRESS _____

COMPLETE THIS SECTION IF DATA ARE ON MAGNETIC TAPE

5. RECORDING MODE ☐ BCD ☐ BINARY ☐ ASCII ☐ EBCDIC ☐ _____	9. LENGTH OF INTER-RECORD GAP (IF KNOWN) ☐ 3/4 INCH ☐ _____
6. NUMBER OF TRACKS (CHANNELS) ☐ SEVEN ☐ NINE ☐ _____	10. END OF FILE MARK ☐ OCTAL 17 ☐ _____
7. PARITY ☐ ODD ☐ EVEN	11. PASTE-ON-PAPER LABEL DESCRIPTION (INCLUDE ORIGINATOR NAME AND SOME LAY SPECIFICATIONS OF DATA TYPE, VOLUME NUMBER)
8. DENSITY ☐ 200 BPI ☐ 1600 BPI ☐ 556 BPI ☐ 800 BPI ☐ _____	
12. PHYSICAL BLOCK LENGTH IN BYTES	
13. LENGTH OF BYTES IN BITS	

RECORD FORMAT DESCRIPTION

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		

RECORD FORMAT DESCRIPTION

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		

RECORD FORMAT DESCRIPTION

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		

RECORD FORMAT DESCRIPTION

RECORD NAME _____

14. FIELD NAME	15. POSITION FROM - 1 MEASURED IN <i>(e.g., bits, bytes)</i>	16. LENGTH		17. ATTRIBUTES	18. USE AND MEANING
		NUMBER	UNITS		

D. INSTRUMENT CALIBRATION

This calibration information will be utilized by NOAA's National Oceanographic Instrumentation Center in their efforts to develop calibration standards for voluntary acceptance by the oceanographic community. Identify the instruments used by your organization to obtain the scientific content of the DDF (i.e., STD, temperature and pressure sensors, salinometers, oxygen meters, velocimeters, etc.) and furnish the calibration data requested by completing and/or checking ("✓") the appropriate spaces. Add the interval time (i.e., 3 months, 6 months, 9 months, etc.) if the fixed interval calibration cycle is checked.

INSTRUMENT TYPE (MFR., MODEL NO.)	DATE OF LAST CALIBRATION	INSTRUMENT WAS CALIBRATED BY		CHECK ONE: INSTRUMENT IS CALIBRATED					INSTRUMENT IS NOT CALI- BRATED (✓)
		YOUR ORGANIZATION (✓)	OTHER ORGANIZATION (GIVE NAME)	AT FIXED INTERVALS (✓)	BEFORE OR AFTER USE (✓)	BEFORE AND AFTER USE (✓)	ONLY AFTER REPAIR (✓)	ONLY WHEN NEW (✓)	

DA 6/2

1
DR088
LIBRARY USE ONLY

NODC TAPE SYSTEM ENTRY FORM

(All Fields Must Be Completed)

OWNER: OCIPH

NAME: Phil Hadsell 13

TRACK: 7 9 PARITY: ODD EVEN LABEL: SL NL TAPE CATEGORY CODE: R 36

ORIGINATING REEL ID (IF APPLICABLE): 008886 DENSITY: 1600 26

RECORD FORMAT CODE: FB 66 RECORD SIZE: 120 BLOCK SIZE:

CHARACTER CODE: 103 TAPE FORMAT CODE: 9 76 DATA GENERATION CODE: 9 88

BRIEF DESCRIPTIVE TEXT: 761613 Chesapeake Tide Stations(1)
Nos Tide Data EBDIC

DATA CREATION DATE (IF KNOWN): copy of Ashville 6/85 W12477

IF MULTI-REEL FILE, COMPLETE BELOW:

REEL POSITION WITHIN FILE SET:

PREVIOUS REEL: NEXT REEL:

FULLY QUALIFIED DATA SET NAME:

COMMENTS:

AD

DINDB QUERY LISTING
12/06/1985

* ACC-NO	REFNO	F-A	PROJ	INST	PLAT	CRUISE	***CRUISE DATES*** START END	STA IN	STA OUT

# 7601613		C120	****	31J4	32TJ		01/01/1974 04/30/1974	3504	0
*		C120	****	31J4	32TJ		03/31/1974 04/30/1974	1488	0
*		C120	****	31J4	32TJ		09/01/1973 10/09/1973	1872	0
*		C120	****	31J4	32TJ		07/28/1972 06/30/1974	24912	0
*		C120	****	31J4	32TJ		08/01/1973 11/15/1973	5136	0
*		C120	****	31J4	32TJ		07/01/1973 06/30/1974	11760	0
*		C120	****	31J4	32TJ		11/01/1973 06/30/1974	8688	0
*		C120	****	31J4	32TJ		06/01/1973 10/11/1973	6384	0
*		C120	****	31J4	32TJ		07/01/1973 12/31/1973	8832	0
*		C120	****	31J4	32TJ		01/10/1974 02/28/1974	2400	0
*		C120	****	31J4	32TJ		11/15/1972 03/31/1974	22608	0
*		C120	****	31J4	32TJ		01/01/1973 02/14/1974	19680	0
*		C120	****	31J4	32TJ		01/01/1973 06/30/1973	8688	0
*		C120	****	31J4	32TJ		01/01/1972 02/28/1973	20352	0
*		C120	****	31J4	32TJ		01/01/1972 04/03/1972	4464	0

>
-342- 0 SELECTED RECORD(S) -

>
CNT 20= 9

>



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL OCEAN SURVEY
Rockville, Md. 20852

C3312-302
GTN

File Inshore Box 2

76-11613

November 20, 1975

TO: Director, NODC
D7

FROM: Tides Branch *ct*
Oceanographic Division

SUBJECT: Magnetic tape with tidal information for Chesapeake Bay

✓
Magnetic tape #786 has been prepared for your use at the Page Building. This is the first of a series containing tidal information for Chesapeake Bay. For the series, tidal heights are referred to National Geodetic Vertical Datum 1929 (Sea Level Datum of 1929).

Data is recorded at 556 bpi in even parity on a 7-track tape. The records are of undefined length; the maximum block size is 120 characters. The data are half-hourly tidal heights for 15 stations. There is an end-of-file mark at the start of the tape.

Each station is on a separate file; that is, each station is separated from the preceding station by an end-of-file mark. There are two end-of-files after the last station.

The format of the identification record, the date record, and the data record is described in the attachments.

Mr. Wellington Waters has been contacted on this activity.

Attachments

Optical 1994

= L0136! 001

TAPE 786! ORIG

TAPE 8886!

W12477 ASCII Copy made in 7/85



ORDER ACKNOWLEDGEMENT AND COST STATEMENT

This is your STATEMENT. Please return the top portion of this form with your remittance to:

National Ocean Survey
National Oceanic and Atmospheric Administration
Rockville, Maryland 20852

STATEMENT

TO:

Director, NODC
Page Building 1
2001 Wisconsin Ave. N.W.
Washington, D.C.
ATTN: D7

Make checks or money orders payable to NOS, NOAA in this amount

Tear off here and return top portion with remittance.

ACKNOWLEDGEMENT OF REQUEST

Your request is answered as checked below. Any remittance should be made by check or money order. Return top portion of form when remitting amount due. Refunds will be made as soon as possible.

- ☐ The data requested is ☐ enclosed ☐ being sent under separate cover ☐ except as indicated below ☐ not available in this agency.
- ☐ The cost of the data you requested is shown above. Please remit full amount.
- ☐ Your remittance was insufficient. Please remit amount due.
- ☐ Delivery will be delayed pending receipt of amount due.
- ☐ The data listed below is not available.
- ☐ The data listed below will be available about _____
- ☐ Will be forwarded when available.
- ☐ Reorder at a later date.
- ☐ The data you requested is available from _____
- ☐ Your letter has been referred to that agency.
- ☐ The data you inquired about and the prices thereof are:
- ☐ Listed in remarks.
- ☐ In attachment.
- ☐ Your description is inadequate. Order will be held pending receipt of:
- ☐ More complete description.
- ☐ Selection of items from attachment.
- ☐ Your check or money order is being returned.
- ☐ See Remarks.

REMARKS

Recording format for tidal heights

SIGNATURE

Saul C. Berkman

TITLE

Chief, Processing Section
Tides Branch, Oceanographic Division

Recording Format for Tidal Heights

Eof

Header Record

Meter type (H)

Station number (1 thru 76)

Longitude degree (0° thru 180°)

Longitude minutes (0° thru 60°)

Longitude seconds

Latitude degree (0° thru 180°)

Latitude minutes (0° thru 60°)

Latitude seconds

Format

A1

A3

I3

I2

I2

I3

I2

I2

Date Records

Month (1 thru 12)

Day (1 thru 31)

Year

Format

I2

I2

I4

Data Records

Time (0000 thru 2400)

Data (ft)

Time

Data (ft)

Time

Time

Data (ft)

I4

F8.3

I4

F8.3

F8.3

I4

F8.3

10 sets of
data
.. 120 characters

Note: At the end of a consecutive series of data, complete the data record with times of 9999 as a flag that the next record will be a date record. A new date record should not be generated when passing through hour 2400. This measure allows the recording of all tidal height data recorded at the particular station of interest in one magnetic tape file, whether recorded consecutively or not.

[Handwritten signature]

FOR TAPE ~~Handwritten~~ TAPE # 786

STATION 068 [BALTIMORE, MD] ✓ 39°16' 76°34'

1974 1 MO 10 DAY ^{thru} incl. 2 MO 28 DAY

STATION 028 [BAYPORT, VA] ✓ 37°45' 76°40'

1972 1 MO 1 DAY ^{thru} incl. 4 MO 3 DAY

STATION 060 [CAMBRIDGE, MD] ✓ 34 38°45' 76°04'

1973 1 MO 1 DAY ^{thru} incl. 12 MO 31 DAY

1974 1 " 1 " " 2 " 14 "

STATION 019 [CHEATHAM ANNEX, VA] ✓ 37°17' 76°35'

1973 8 MO 1 DAY ^{thru} incl. 11 MO 15 DAY

STATION 075 [CHESAPEAKE CITY, MD] ✓ 39°31' 75°48'

1972 11 MO 15 DAY ^{thru} incl. 12 MO 31 DAY

1973 1 " 1 " " 11 " 30 "

1974 1 " 1 " " 3 " 31 "

STATION 025 GASKINS POINT, VA ✓ 37°33' 75°55'

1972 7 MO 28 DAY ^{thru} incl. 12 MO 31 DAY (7/28/72 - 12/31/72)

1973 1 " 1 " " 4 " 30 " (1/1/73 - 4/30/73)

1 " 1 " " 12 " 31 " (11/1/73 - 12/31/73)

1974 1 " 1 " " 6 " 30 " (1/1/74 - 6/30/74)

MI 01

FOR TAPE #

and #

TAPE # 736

STATION 004 HAMPTON ROADS, VA ✓
 1973 7 MO 1 DAY thru 11 MO 30 DAY (4/1/73 - 4/1/74)
 1974 1 " 1 " " 1 " 31 " (4/1/74 - 4/1/75)
 5 " 1 " " 6 " 30 " (4/1/75 - 4/1/76)

360561
760191

STATION 017 KIPTOPEKE BEACH, VA ✓
 1974 1 MO 1 DAY thru 2 MO 28 DAY
 4 " 17 " " 4 " 30 "

370101
750591

STATION 056 LOWER MARLBORO, MD ✓
 1973 6 MO 1 DAY thru 10 MO 11 DAY

380391
760411

STATION 003 OLD PT COMFORT, VA ✓
 1973 1 MO 1 DAY thru 6 MO 30 DAY

370001
760181

STATION 005 PORTSMOUTH, VA ✓
 1973 7 MO 1 DAY thru 12 MO 31 DAY

360491
760171

STATION 053 SOLOMONS, MD ✓
 1974 3 MO 31 DAY thru 4 MO 30 DAY

380191
760271

STATION 058 TAYLORS IS, MD ✓
 1973 9 MO 1 DAY thru 10 MO 9 DAY

380281
760171

all stations on tape # 8886 also ✓

MIN

TAPE # 786

STATION 049 [WASHINGTON, D C.]
1973 11 MO 1 DAY ^{three} INCL 12 MO 31 DAY
1974 1 " 1 " " 6 " 30 "

38°52'
77°00' ✓

37°36'
76°16' ✓

STATION 034 [WINDMILL POINT, VA]
1972 1 MO 1 DAY ^{three} INCL 12 MO 31 DAY
1973 1 " 1 " " 2 " 28 "

on tape 8886, also ↑