9400104 JUNE 30, 1994

CURRENT METER DATA FOR SITES IN HAWAII OBTAINED FROM E.NODA/ASSOC.

DATA ORIGINATOR: EDWARD K. NODA AND ASSOCIATES
OCEANOGRAPHIC CONSULTANTS
615 PIIKOI STREET, SUITE 1000
HONOLULU, HAWAII 96814
PHONE: (808)537-5856

LØ1702-LØ1721

INSTRUMENT TYPE: AANDERAA CURRENT METER

PROJECT: OTEC

F/A = L105

FILE NAME CONVENTION: filex(x).data — data files
where x(x): sequential number as files originators tape (1 to 20)

filex(x).head — header files
where x(x): sequential number as files originators tape (1 to 20)

(one to one correspondence between *.data and *.head files

FILES: 20

DISK STORAGE: size= 4184725 bytes (*.data and *.head)

FORMAT DESCRIPTION: ASCII character set

*.head contains header information for each *.data file.

*.data contains the data.
Note, the *.data files are padded with 0's until the start of the data analysis period which is given in the *.head file as (and an example)

data analysis start date ---- jun. 15,1980
data analysis start time ---- 1330

And the interval between samples is given in the header fil

time interval(min) -- 10 (not the same for each file)

The end of the file is also padded with zeros.

Each data record contains a number for
TEMPERATURE (degrees Centigrade); PRESSURE (Decibars);
CURRENT DIRECTION (True Direction); CURRENT SPEED (cm/sec).
(Direction toward where water moves). No wind data availabl
Each data set is formatted as:

TT.TTPPPP.PPDDDSSS.S where T=temperatrue; P=pressure;
D=current direction;
S=current speed

example,

```
21.45  36.92148 28.1
21.45  36.92156 37.9
21.45  36.92153 43.2
```

9400104

Date: Wed, 29 Jun 1994 17:40:37 -1000
From: Pat Caldwell <caldwell@kapau.soest.hawaii.edu>
To: mitch

Aloha Mitch,

I have a batch of twenty current meter time series on rapture under /home/rapture/caldwell/currents. See file noda_doc_tape3.fmt for file names and format descriptions. It also contains a summary which is found as well in file tape3.summary.

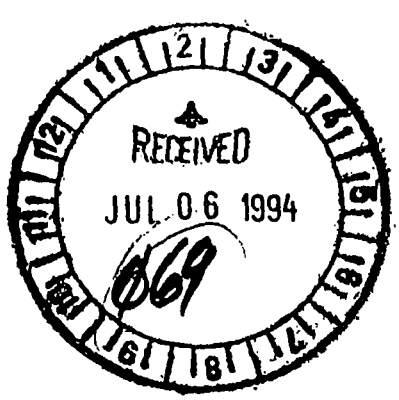
The overall format is the same as the other current meter data I gave you from Ed Noda, except now the header info is in a separate file, and the data (temp,pressure, direction, and speed) for each sample are on separate records.

If you have any questions, please let me know.

Also, please send a list of filenames for the questions you had about the format of the Pierre Flament hydrocast data.

Good luck, Aloha, Pat

LRECL = 20



ACCESS NUMBER	REF NUMBER	FILE TYPE	PROJ CODE	INST	PLAT	CRUISE NO	CRUISE START	CRUISE END	NUM STA	NUM REC
9400104	L01702	L105	0095	31EN	317F	4851	06/15/80	08/24/80	1	10,385
9400104	L01703	L105	0095	31EN	317F	4852	06/15/80	08/24/80	1	10,098
9400104	L01704	L105	0095	31EN	317F	4850	06/15/80	08/24/80	1	10,098
9400104	L01705	L105	0095	31EN	317F	4848	06/15/80	08/24/80	1	10,098
9400104	L01706	L105	0095	31EN	317F	4849	06/15/80	08/24/80	1	10,386
9400104	L01707	L105	0095	31EN	317F	4851	08/30/80	01/08/81	1	9,522
9400104	L01708	L105	0095	31EN	317F	4852	08/30/80	01/08/81	1	9,522
9400104	L01709	L105	0095	31EN	317F	4850	08/30/80	01/08/81	1	9,522
9400104	L01710	L105	0095	31EN	317F	4848	08/30/80	01/08/81	1	9,522
9400104	L01711	L105	0095	31EN	317F	4849	08/30/80	01/08/80	1	9,522
9400104	L01712	L105	0095	31EN	317F	4851	01/27/81	06/16/81	1	9,810
9400104	L01713	L105	0095	31EN	317F	4852	01/27/81	06/16/81	1	9,522
9400104	L01714	L105	0095	31EN	317F	4850	01/27/81	06/16/81	1	8,658
9400104	L01715	L105	0095	31EN	317F	4848	01/27/81	06/16/81	1	594
9400104	L01716	L105	0095	31EN	317F	4849	01/27/81	16/16/81	1	9,810
9400104	L01717	L105	0095	31EN	317F	5006	06/18/81	12/16/81	1	11,538
9400104	L01718	L105	0095	31EN	317F	5027	06/18/81	12/16/81	1	11,538
9400104	L01719	L105	0095	31EN	317F	5026	06/18/81	12/16/81	1	12,402
9400104	L01720	L105	0095	31EN	317F	5003	06/18/81	12/16/81	1	12,114
9400104	L01721	L105	0095	31EN	317F	5005	06/18/81	12/16/81	1	12,402

20 197,063

NODA TAPE #3 (Data extracted 6-29-94)

SUMMARY OF INFORMATION FROM THE HEADER BLOCK OF EACH FILE:

FILE NAME	CRUISE TITLE	SITE	LATITUDE	LONGITUDE	DEPLOYMENT
file1.h	otec cruise ----- 1		21-24.1n	158-15.75w	jun. 15,198
file2.h	otec cruise ----- 1		21-24.1n	158-15.75w	jun. 15,198
file3.h	otec cruise ----- 1		21-24.1n	158-15.75w	jun. 15,198
file4.h	otec cruise ----- 1		21-24.1n	158-15.75w	jun. 15,198
file5.h	otec cruise ----- 1		21-24.1n	158-15.75w	jun. 15,198
file6.h	otec cruise ----- 2		21-24.1n	158-16.0w	aug. 30,198
file7.h	otec cruise ----- 2		21-24.1n	158-16.0w	aug. 30,198
file8.h	otec cruise ----- 2		21-24.1n	158-16.0w	aug. 30,198
file9.h	otec cruise ----- 2		21-24.1n	158-16.0w	aug. 30,198
file10.	otec cruise ----- 2		21-24.1n	158-16.0w	aug. 30,198
file11.	otec cruise ----- 3		21-24.5n	158-16.0w	jan. 27,198
file12.	otec cruise ----- 3		21-24.5n	158-16.0w	jan. 27,198
file13.	otec cruise ----- 3		21-24.5n	158-16.0w	jan. 27,198
file14.	otec cruise ----- 3	4	21-24.5n	158-16.0w	jan. 27,198
file15.	otec cruise ----- 3	5	21-24.5n	158-16.0w	jan. 27,198
file16.	otec cruise ----- 4	1	21-24.56n	158-15.71w	jun. 18,198
file17.	otec cruise ----- 4	2	21-24.56n	158-15.71w	jun. 18,198
file18.	otec cruise ----- 4	3	21-24.56n	158-15.71w	jun. 18,198
file19.	otec cruise ----- 4	4	21-24.56n	158-15.71w	jun. 18,198
file20.	otec cruise ----- 4	5	21-24.56n	158-15.71w	jun. 18,198

OTEC

BIN: N/A

FILE #1 = #4851	N2124	W15815
02 # 4852	N2124	W15815
03 # 4850	↓	↓
04 # 4848	↓	↓
05 # 4849	↓	↓
06 # 4851	N2124	W15816
07 # 4852	↓	↓
08 # 4850	↓	↓
09 # 4848	↓	↓
10 # 4849	N2124	W15816
11 # 4851	↓	↓
12 # 4852	↓	↓
13 # 4850	↓	↓
14 # 4848	↓	↓
15 # 4849	↓	↓
16 # 5006	N2124	W15815
17 # 5027	↓	↓
18 # 5026	↓	↓
19 # 5003	↓	↓
20 # 5005	↓	↓

FILE 01.CUR	10,385 Records	218288 Bytes
02	10,098 Records	212,242 "
03	10,098	212,243 "
04	10,098	212,242 "
05	10,386	218,291 "
06	9,522	200,143 "
07	9,522	200,144 "
08	9,522	200,145 "
09	9,522	200,145 "
10	9,522	200,145 "
11	9,810	206,192 "
12	9,522	200,145 "
13	8,658	182,001 "
14	594	12,656 "
15	9,810	206,194 "
16	11,538	242,484 "
17	11,538	242,484 "
18	12,402	260,628 "
19	12,114	254,582 "
FILE 20.CUR	12,402	260,629

197,063

FILE #	
1,2,3,4,5	6/15/1980 – 8/24/1980
6,7,8,9,10	8/30/1980 – 1/8/1981
11,12,13,14,15	1/27/1981 – 6/16/1981
16,17,18,19,20	6/18/1981 – 12/16/1981