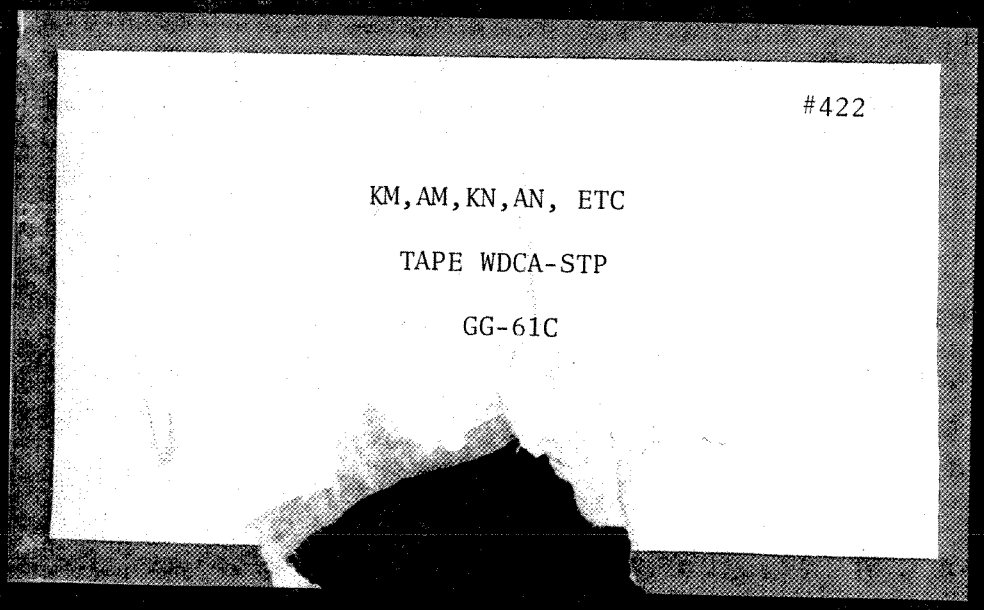
#422
KM,AM,KN,AN, ETC
TAPE WDCA-STP
GG-61C

Table of Contents

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1. INTRODUCTION:

The documentation for this data set was originally on paper, kept in NSSDC's Data Set Catalogs (DSCs). The paper documentation in the Data Set Catalogs have been made into digital images, and then collected into a single PDF file for each Data Set Catalog. The inventory information in these DSCs is current as of July 1, 2004. This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system. The information existing in the DSCs is now not needed for locating the data files, but we did not remove that inventory information.

The offline tape datasets have now been migrated from the original magnetic tape to Archival Information Packages (AIP's).

A prior restoration may have been done on data sets, if a requestor of this data set has questions; they should send an inquiry to the request office to see if additional information exists.

2. ERRATA/CHANGE LOG:

NOTE: Changes are made in a text box, and will show up that way when displayed on screen with a PDF reader.

When printing, special settings may be required to make the text box appear on the printed output.

Version	Date	Person	Page	Description of Change
01				
02				

3 LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC INFORMATION SYSTEM:

http://nssdc.gsfc.nasa.gov/nmc/

[NOTE: This link will take you to the main page of the NSSDC Master Catalog. There you will be able to perform searches to find additional information]

4. CATALOG MATERIALS:

a. Associated Documents To find associated documents you will need to know the document ID number and then click here. http://nssdcftp.gsfc.nasa.gov/miscellaneous/documents/

b. Core Catalog Materials

REQ. AGENT	RAND NO.	ACQ. AGENT
VJP	RD0034	MJT

KM,AM,KN,AN, ETC

TAPE WDCA-STP

GG-61C

This data set catalog consists of 1 tape. The tape is 9 track, 800 BPI, EBCDIC and contains 1 file of data. The tape was created on an IBM 360 computer. There are 1010 characters/physical record with with 252I4 format.

Time span is as follows:

D#	C#	TIME SPAN
D-31018	C-19818	1/01/59 - 12/31/74

WORLD DATA CENTER A
for
SOLAR-TERRESTRIAL PHYSICS

National Oceanic and Atmospheric Administration
Boulder, Colorado 80302 U.S.A.

SOLAR AND INTERPLANETARY PHENOMENA
IONOSPHERIC PHENOMENA
FLARE-ASSOCIATED EVENTS
GEOMAGNETIC VARIATIONS
MAGNETOSPHERIC AND
INTERPLANETARY MAGNETIC PHENOMENA
AURORA, COSMIC RAYS, AIRGLOW

IN REPLY ADDRESS:
WDC-A FOR SOLAR-TERRESTRIAL PHYSICS
ENVIRONMENTAL DATA SERVICE, NOAA
BOULDER, COLORADO 80302 U.S.A.
TELEPHONE: (303) 499-1000 EXT. 6467
FTS NO. 323-6467
CABLE ADDRESS: SOLTERWARN
IN REPLY REFER TO: D63/ 3039

January 30, 1978

Dr. William Valente
NASA/Goddard Space Flight Center
Greenbelt, MD 20771

Dear Dr. Valente:

In response to your request~~xxxxxxxxxxx~~(Purchase Order No. 9799-B_____) of _____, we (~~xxxxx~~) (are shipping under separate cover) the following:

An indices on magnetic tape for the interval of January 1959-December 1974. These data are copied on 9 track tape at a density of 800 bpi. A description of format and partial printout are also being sent.

~~XXX~~ This completes your order.
____ This is part of your request.
____ These are all of your requested data available at this time. Please let us know if we should keep your order open.
____ This is a cost estimate. Order will not be filled until your reply is received.

____ The amount of $___ has been charged to your account/Purchase Order.
____ There will be no charge for these data.
____ Your check for $_____ has been received to cover the cost of these data.
XXX You will be billed later for $60.00 to cover the cost of this shipment.
____ This is your INVOICE to cover the cost of these data. Please issue your check in the amount of $_____, made payable to Department of Commerce, NOAA/NGSDC.
Send with the enclosed carbon of this letter to:

World Data Center A for Solar-Terrestrial Physics
NOAA
Boulder, Colorado 80302

Thank you

Sherri Lambdin

Mrs. Sherri Lambdin
Technical Information Clerk

Enclosure(s)

☆GPO 682-300

IBM CARD CATALOGUE

INITIATED

Mayaud Master Tape

Ku, Ks, and Km Indices
CARD TITLE

CARD COLUMN	DESCRIPTION	REMARKS
1- 992	8-3hr observations/ day	If a month has less than 31 days the remaining positions are filled with 9999's.
993- 996	Month	Note: Above is true for some years only. In some cases days and spurious indices appear. However all Kdy have conformed their indices as report during calibration. N. Jayne. Nov 78.
997-1000	Year	
1001-1004	Data Code*	
1005-1008	Number of days recorded.	
1009-1010	Blank characters	

On magnetic tape there are 1010 characters/phy. record with 2521 4 format.

* NOTE: The following numerical codes will identify the data in the phyiscal record.

CODE

1=Km	4=Ks	7=An	10=K_2	13=K_5	16=K_8
2=Am	5=σ_n	8=As	11=K_3	14=K_6	
3=Kn	6=σ_s	9=K_1	12=K_4	15=K_7	

The codes are grouped on magnetic tape as follows:

Code(s)	Time period
1,2	1st month of first year
1,2	2nd " " " "
1,2	3rd " " " "
.	.
.	.
.	.
1,2	12th " " " "
3,4,5,...,8	1st " " " "
3,4,5,...,8	2nd " " " "
3,4,5,,..,8	3rd " " " "
.	.
.	.
.	.
3,4,5,...,8	12th " " " "
9,10,11,...,16	1st " " " "
9,10,11,...,16	2nd " " " "
9,10,11,...,16	3rd " " " "
.	.
.	.
.	.
9,10,11,...,16	12th " " " "

Sequence repeats for the next year, and next, etc:
until an end of file is reached.

D-31018
11/01/59 - 12/31/74

DUMP OF TAPE X-396

INPUT TAPE X-396 ON MS1
DATA INPUT H9 NF 1 FL 1 1 1

FILE 1 RECORD 1 LENGTH 1010BYTES

(0)	404040F1	404040F1	404040F2	404040F2	404040F2	404040F1	404040F1	404040F1	404040F1	404040F3
(40)	404040F2	404040F6	404040F7	404040F5	404040F6	404040F5	404040F6	404040F8	404040F7	404040F7
(80)	404040F6	404040F4	404040F5	404040F2	404040F4	404040F5	404040F7	404040F7	404040F9	4040F1F0
(120)	404040F7	404040F5	404040F8	404040F5	404040F5	4040F1F0	4040F1F2	4040F1F2	4040F1F4	4040F1F4
(160)	4040F1F1	4040F1F0	404040F8	4040F1F0	4040F1F3	4040F1F1	4040F1F3	4040F1F0	4040F1F0	404040F9
(200)	404040F8	404040F8	404040F4	404040F7	4040F1F1	4040F1F1	404040F9	404040F6	404040F7	404040F8
(240)	404040F7	4040F1F0	4040F1F0	4040F1F2	4040F1F1	404040F6	404040F6	404040F8	4040F1F1	4040F1F6
(280)	4040F1F4	4040F1F5	4040F1F4	4040F1F2	4040F1F2	4040F1F5	4040F1F4	4040F1F3	4040F1F4	4040F1F3
(320)	4040F1F1	404040F6	404040F6	404040F4	404040F7	404040F6	404040F9	4040F1F2	4040F1F0	404040F6
(360)	404040F4	404040F5	404040F8	404040F9	4040F1F0	404040F9	404040F6	404040F4	404040F8	404040F8
(400)	404040F7	404040F8	404040F9	404040F4	404040F3	404040F2	404040F9	404040F8	404040F8	404040F6
(440)	404040F6	404040F8	404040F7	404040F8	404040F8	404040F6	404040F4	404040F3	404040F2	404040F3
(480)	404040F5	404040F2	404040F6	4040F1F3	4040F1F2	4040F1F1	4040F1F0	4040F1F0	404040F8	404040F9
(520)	404040F9	404040F9	4040F1F1	4040F1F0	404040F8	404040F7	404040F9	404040F9	404040F8	404040F8
(560)	404040F9	4040F1F2	404040F9	404040F9	404040F6	404040F7	404040F7	404040F6	404040F6	404040F5
(600)	404040F7	404040F5	404040F2	404040F2	404040F3	404040F3	404040F4	404040F4	404040F5	404040F5
(640)	404040F2	404040F1	404040F4	404040F2	404040F4	404040F5	404040F4	404040F3	404040F3	404040F8
(680)	404040F9	404040F5	404040F5	404040F7	404040F6	404040F6	404040F8	404040F6	404040F5	404040F8
(720)	404040F9	404040F5	404040F5	404040F5	404040F9	404040F5	404040F4	404040F4	404040F2	404040F3
(760)	404040F2	404040F2	404040F3	404040F3	404040F4	4040F1F1	4040F1F3	4040F1F4	4040F1F5	404040F9
(800)	404040F6	4040F1F3	4040F1F0	4040F1F4	4040F1F7	4040F1F1	404040F6	404040F4	404040F2	404040F8
(840)	404040F7	404040F9	404040F9	404040F7	404040F8	404040F6	404040F6	404040F5	404040F5	404040F6
(880)	404040F6	404040F6	404040F9	4040F1F0	404040F6	404040F7	404040F8	404040F9	404040F8	404040F9
(920)	4040F1F1	4040F1F1	404040F8	404040F8	404040F6	404040F9	404040F8	404040F6	404040F8	404040F4
(960)	404040F8	404040F9	404040F9	404040F9	404040F7	404040F6	404040F5	404040F6	404040F1	F1F9F5F9
(1000)	404040F1	4040F3F1	4040						mo	4 YR

# of Days Recorded

FILE 1 RECORD 3072 LENGTH 1010BYTES

(0)	4040F1F2	4040F1F2	404040F0	4040F2F2	4040F1F7	4040F2F2	4040F3F7	4040F4F2	4040F3F2	4040F3F2
(40)	4040F2F2	4040F2F2	4040F2F2	4040F3F7	4040F4F2	4040F4F2	4040F3F2	4040F3F2	4040F2F2	4040F2F7
(80)	4040F3F2	4040F3F2	4040F4F2	4040F3F2	4040F2F7	4040F3F2	4040F1F7	4040F2F7	4040F1F2	4040F2F2
(120)	4040F1F7	4040F2F2	404040F0	404040F0	404040F0	4040F1F2	4040F1F7	4040F2F2	4040F2F7	4040F1F7
(160)	4040F1F2	4040F1F2	404040F5	4040F1F2	4040F2F2	4040F2F2	404040F7	4040F2F2	4040F1F7	4040F1F2
(200)	4040F2F2	4040F2F7	4040F3F7	4040F2F7	4040F2F7	4040F2F7	4040F2F2	4040F1F2	4040F2F2	4040F2F7
(240)	4040F2F7	4040F3F7	4040F3F7	4040F3F7	4040F3F2	4040F4F7	4040F2F7	4040F3F7	4040F4F2	4040F4F2
(280)	4040F4F2	4040F4F2	4040F4F2	4040F3F2	4040F2F7	4040F2F2	4040F2F2	4040F3F2	4040F3F2	4040F2F7
(320)	4040F2F2	4040F2F7	4040F2F7	4040F3F2	4040F3F7	4040F3F2	4040F3F2	4040F2F7	4040F2F7	4040F2F2
(360)	4040F2F7	4040F2F7	4040F3F2	404 F2F7	4040F2F2	4040F2F7	4040F2F7	4040F3F2	4040F1F7	4040F2F2
(400)	4040F2F7	4040F3F7	4040F3F7	4040F3F7	4040F3F7	4040F2F7	4040F2F7	4040F1F7	4040F2F2	4040F1F7
(440)	4040F2F2	4040F2F7	4040F1F2	4040F2F7	4040F2F7	4040F2F2	4040F2F7	4040F3F2	4040F2F2	4040F2F7
(480)	4040F1F7	4040F1F2	404040F7	4040F1F2	4040F1F7	4040F2F2	4040F3F7	4040F3F7	4040F3F2	4040F3F2
(520)	4040F2F2	4040F2F7	4040F2F7	4040F3F7	4040F4F2	4040F4F7	4040F4F2	4040F2F7	4040F2F7	4040F3F2
(560)	4040F3F2	4040F3F7	4040F3F7	4040F3F7	4040F3F7	4040F3F2	4040F2F2	4040F3F7	4040F3F2	4040F3F2
(600)	4040F4F2	4040F4F2	4040F3F7	4040F2F2	4040F2F7	4040F2F7	4040F3F2	4040F3F2	4040F3F7	4040F2F7
(640)	4040F2F2	4040F2F7	4040F2F2	4040F3F2	4040F3F2	4040F2F7	4040F3F2	4040F4F2	4040F3F7	4040F2F7
(680)	4040F2F2	4040F1F7	4040F2F7	4040F2F7	4040F2F2	4040F3F2	4040F2F7	4040F2F2	4040F2F2	4040F2F2
(720)	4040F2F7	4040F3F7	4040F3F2	4040F2F7	4040F2F2	4040F1F7	4040F2F2	4040F2F7	4040F2F7	4040F2F2
(760)	4040F2F7	4040F2F7	4040F2F2	4040F1F2	4040405	4040F1F7	4040F1F7	4040F3F7	4040F3F7	4040F3F2
(800)	4040F3F2	4040F3F2	4040F2F7	4040F2F7	4040F2F2	4040F2F7	4040F2F7	4040F1F2	4040F2F2	4040F3F7
(840)	4040F4F2	4040F3F7	4040F3F2	4040F2F7	4040F3F2	4040F3F2	4040F3F2	4040F1F7	4040F2F7	4040F2F7
(880)	4040F1F7	4040F2F2	4040F2F2	4040F2F2	4040F3F2	4040F2F2	4040F2F2	4040F3F2	4040F2F7	4040F1F7
(920)	4040F2F7	4040F1F7	4040F1F2	4040F1F7	4040407	4040F1F2	4040F1F7	4040F1F2	4040F2F7	4040F3F7
(960)	4040F4F7	4040F4F2	4040F2F2	4040F1F7	4040F2F7	4040F3F2	4040F3F2	4040F3F2	4040F1F2	F1F9F7F4
(1000)	4040F1F6	4040F3F1	7A7A						mo	4 YR

# of Days Recorded

FILE	INPUT RECS.	DATA RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY PERM	ZERO B	SHORT	UNDEF.	INPUT RETRIES #RECS.	TOTAL#

```
(*  REC NUM/WORDS **,I5,*/*,I4,/,16X,8A10,/(16X,8A10))
LIST EVERY   1 RECORD.          STOP AT RECORD   15.      STOP AFTER FILE  99.
SKIP   0 FILES.      BACKSPACE OPTION(1=CW, 2=OFF)=1      SKIP IN     0 RECORDS ON EACH FILE
TAPE IS ASSUMED TO BE BCD(CODED).
```

TRACK: 9

DENSITY: 800

MODE: EBCIDIC

PARITY: ODD

LABEL: NONE

CONTENTS: K_N, K_S, K_M, a_M INDICES
1/59 TO 12/74

ENCLOSED IS A SAMPLE LISTING
OF TAPE.

REC NUM/WORDS 1/ 191

1 1 2 2 2 1 1 1 1 3 2 6 7 5 6 5 6 8 7 7
6 4 5 2 4 5 7 7 9 12 7 5 8 5 5 11 12 12 14 14
11 10 8 13 13 11 13 1 10 9 8 6 4 7 11 11 9 6 7 8
7 10 10 12 11 6 5 8 11 15 14 15 14 12 12 15 14 13 14 13
11 6 5 4 7 6 9 12 10 6 4 5 8 9 10 9 6 4 8 8
7 8 9 4 3 2 9 8 8 5 6 6 7 8 8 6 4 3 2 3
5 2 6 13 12 11 10 10 8 9 9 9 11 10 8 7 9 9 8 8
3 12 8 9 6 7 7 6 6 6 7 8 2 6 3 3 4 4 5 5
2 1 4 2 4 5 4 3 3 8 9 5 5 7 6 6 8 6 5 9
9 5 5 6 9 8 4 4 2 3 2 2 3 3 4 11 13 14 15 9
6 13 1 14 17 11 6 4 2 8 7 9 9 7 8 6 6 5 5 6
6 6 9 10 6 7 8 9 8 9 11 11 8 8 6 9 8 6 8 4
8 9 9 9 7 6 5 6 11959 1 31

REC NUM/WORDS 2/ 101

3 3 4 5 5 3 2 2 3 6 4 14 17 12 14 11 14 22 18 17
15 16 13 3 10 11 18 20 29 34 16 12 24 12 12 34 59 53 86 86
48 38 24 36 66 42 64 39 35 3 22 24 8 17 47 49 31 15 20 22
18 35 36 58 50 14 15 25 44 119 80 96 76 57 59 97 71 70 79 69
46 14 15 16 20 16 31 59 36 15 9 12 25 31 34 32 14 16 23 22
2 23 32 9 6 4 32 22 22 14 14 23 20 23 23 15 10 6 5 7
13 4 14 62 51 46 34 38 24 31 29 29 45 37 21 19 33 28 21 22
27 33 3 29 15 19 18 14 15 13 16 11 4 4 5 6 8 12 12 11
5 3 8 4 10 12 13 7 7 25 29 13 12 15 14 16 21 14 13 21
31 12 11 11 27 13 9 3 5 7 5 5 6 6 8 42 67 78 87 32
14 66 34 85 133 46 15 9 5 22 24 33 33 19 25 15 16 13 11 14
18 15 27 38 15 16 23 33 22 29 50 42 26 22 16 29 21 14 24 9
22 27 29 32 19 15 12 15 11959 2 31

REC NUM/WORDS 3/ 101

7 8 6 9 9 7 5 5 5 10 10 12 11 13 10 11 9 7 7 11
11 11 15 12 11 9 9 14 12 12 13 14 15 10 8 9 11 12 9 9
12 6 7 9 9 9 11 8 8 6 5 5 10 6 8 3 5 6 6 7
3 5 9 12 11 11 12 9 1 7 4 6 6 2 2 2 2 4 5 8
4 10 11 10 14 13 10 12 13 13 8 10 10 10 9 10 10 6 4 8
12 11 13 11 8 10 9 11 17 14 11 6 9 13 14 13 13 12 11 7
14 14 13 8 14 16 15 15 14 10 12 6 7 5 7 3 3 3 3 4
3 5 3 5 8 9 8 7 9 5 6 5 5 5 5 6 3 4 3 3
4 2 7 5 5 5 7 4 8 11 8 11 6 9 6 9 9 9 11 12
9 1 3 1 1 2 3 4 5 4 4 6 12 13 16 16 17 17 14 11
12 12 16 11 13 12 11 10 8 9 6 8 12 16 13 9 10 12 8 11
14 13 14 139999999999999999999999999999999999999999999999999999999999999999999999999999
99939999999339999999999999999 21959 1 28

REC NUM/WORDS 4/ 101

18 23 14 27 32 20 15 11 13 37 39 38 52 37 40 47 32 18 19 37
42 43 34 55 46 33 29 26 59 57 66 71 34 39 25 32 48 54 33 33
39 15 17 32 33 32 48 25 25 15 13 12 35 16 22 7 11 15 14 18
29 16 28 51 45 42 60 39 4 17 9 15 16 5 5 4 5 9 13 22
1 34 47 152 74 67 38 59 37 62 25 34 38 39 28 36 34 15 19 25
54 54 67 45 26 37 24 44 127 78 42 16 29 61 73 68 66 59 43 17
75 76 67 26 73 113 98 89 71 36 55 15 19 15 18 7 6 6 5 8
6 11 8 11 24 22 24 25 28 12 14 12 3 11 11 14 7 8 6 6
8 5 18 13 13 12 18 17 26 42 24 43 15 28 14 31 33 29 42 57
33 2 6 3 2 4 5 9 12 13 9 16 51 64 108 114 141 144 75 44
59 61 111 45 65 63 43 41 21 33 16 24 58 115 68 39 56 52 21 47
74 71 84 71999999999999999999999999999999999999999999999999999999999999999999999999999
99999999999999999999999999999 21959 2 28

REC NUM/WORDS 5/ 101

11 12 12 12 14 15 12 13 11 11 11 12 12 9 12 13 9 11 9 9
2 10 9 11 8 5 8 9 8 5 9 6 5 7 8 6 5 7 9 6
7 6 6 4 4 2 4 1 1 3 4 5 5 7 7 8 11 7 6 3
3 6 2 3 3 3 3 3 3 5 2 1 1 1 4 4 1 2 1 3
4 2 4 4 6 7 7 6 5 8 8 11 1 1 10 9 5 7 8 6 7

```
 32  42  32  24  29  22  25   3   9  15  19  22  15  19  29  25  29  15  15  19
 19   9  19   9  12  25  29  22  25  29  25  25  22  32  38  38  35  38  38  38
 38  38  32  22  29  32  32  35  38  32  32  35  29  29  29  42  35  32  32  25
 22  29  22  32  35  28  29  29  32  32  19  19  25  32  22  19  19  19  22  19
 38  48  25  22  22  25  25  25  29  32  22  32  15  25  15  15  15  32  35  19
 22  29  29  25  29  19  19   9  22  29  38  45  29  22  28  19  19  25  35  32
 19  19  15  15  15  21  22  32  32  19  19  19   9  15   9  12   5   9  15  22
 38  35  19  22  22  32  25  25  12 1974  14  31

REC NUM/WORDS   3672/ 101
  3   7   3  13  1.  13  33  27  23  27  29  17  27  3.  33  23  27  29  29  37
 33  2.  4.  37  27  23  17  17  1.   7   3   3   3   3   3  13  17  27  37  17
 17  13   3   7   7   7   .   .  13   7  2.  27  3.  27  13  29  19  13  29  27
 3.  33   3  4.  27  37  3.  37  43  67  57  43  33  33  27  17  33  33  23  2.
 2.  17  27  3.  4.  3.  43  17  23  2.  23  37  33  3.  17  27  13  17  17  23
 33  47  4.  37  4.  13  19   7   3  17  27  29  13  1.  23  27  3.  3.  23  3.
 19   3   3   3   7  23  3.  3.  2.  3.  23  27  17  37  5.  43  37  27  3.  3.
 3   47  4.  3.  27  3.  27  33  33  33  5.  43  23  27  2.  3.  27  33  33  3.
 23  2   2.  27  37  33  37  37  3.  27  17  2.  23  33  2.  33  17  2.  17  23
 3   47  4.  3.  23  2   2.  2.  23  3   2.  3.  17  17  19  2.  19  33  33  2.
 2   2.  27  2.  13  2   23  17  13  23  3.  37  3.  27  3.  27  2.  19  3.  23
 27  23  17  13  1   1.  2.  3   23  2   23  2   7   3   7  1.  3   .  23  3.
 37  4.  17  13  23  3   33  2   1219 74  15  31

REC NUM/WORDS   3673/ 101
 12  12   .  22  17  22  37  42  32  32  32  22  22  37  42  42  32  32  22  27
 32  32  42  32  27  32  17  27  12  22  17  22   .   .   .  12  17  22  27  17
 12  12   5  12  22  22   7  22  17  12  22  27  37  27  27  27  22  12  22  27
 27  37  37  37  32  47  27  37  42  42  42  42  32  27  22  22  32  32  27
 22  27  27  32  37  32  32  27  27  22  27  27  32  24  22  27  27  32  17  22
 27  37  37  37  37  27  27  17  22  17  22  27  12  27  27  22  27  32  22  27
 17  12   7  12  17  22  37  37  32  32  22  27  27  37  42  47  42  27  27  32
 32  37  37  37  37  32  22  37  32  32  42  42  37  22  27  27  32  32  37  27
 22  27  22  32  32  27  32  42  37  27  22  17  27  27  22  32  27  22  22  22
 27  37  32  27  22  17  22  27  27  22  27  27  22  12   5  17  17  37  37  32
 32  32  27  27  22  27  27  12  22  37  42  37  32  27  32  32  32  17  27  27
 17  22  22  22  32  22  22  32  27  17  27  17  12  17   7  12  17  12  27  37
 47  42  22  17  27  32  32  32  1219 74  16  31

END OF FILE    1 THIS FILE CONTAINS 3673 RECORDS


TWO EOFS ENCOUNTERED -- END DATA ASSUMED
```

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          ND50DFI.   78/01/27.NOAA   KRONOS L419.29  78/01/22.


 17.34.13.SEDMACK(T2  )       STAN SEDMACK      Y54
 17.34.13.4    WDC  WDC  WDC
 17.34.13.USER(STP2,,
 17.34.14.CHARGE,DG3,1767228.
 17.34.14.CALL,STANBA1.
 17.34.15.COPYCR(STANBA1,OUTPUT)
 17.34.15.  COPY COMPLETE.
 17.34.15.RETURN(STANBA1)
 17.34.15.RESOURC(NT=2)
 17.34.16.REQUEST(TAPE1,PO=R,NT,D=HD,VSN=C 133,F=S
 17.34.16.,LR=KU)
 17.35.23.NT46, ASSIGNED TO TAPE1  , VSN=C 133 .
 17.35.24.REQUEST(TAPE2,VSN=W416 ,NT,D=HD,F=S,LR=K
 17.35.24.U,PO=W,CV=EB)
 17.35.43.NT44, ASSIGNED TO TAPE2  , VSN=W416  .
 17.35.43.COPYBF(TAPE1,TAPE99,1,C)
 17.40.56.  COPY COMPLETE.
 17.40.56.COPYBF(TAPE1,TAPE2,1,C)
 17.56.47.  COPY COMPLETE.
 17.56.47.RETURN,TAPE1.
 17.56.47.RENAME(TAPE1=TAPE2)
 17.56.48.REWIND(TAPE1)
 17.56.48.USER,STP1,,
 17.56.48.SET(XVFALRD)
 17.57.09.XVFALRD.
 18.07.59.     STOP
 18.07.59.      2.974 CP SECONDS EXECUTION TIME
 18.07.59.CK        0.018 KCD.    $        0.018
 18.07.59.CP       19.105 SEC.
 18.07.59.CM        1.915 BDL.    $        1.914
 18.07.59.MS      774.000 KWD.    $        1.576
 18.07.59.TM        0.002 KTM.    $        1.500
 18.07.59.MT       36.595 KPR.    $       17.492
 18.07.59.   TOTAL =             $       15.500
 19.45.21.LP        0.311 KPG.    $        0.439
```