#232

OGO-5

PROTON COUNT RATE DATA

68-014A-04C

(2 tapes)

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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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

OGO 5

PROTON+ALPHA COUNT RATS, MAG. TAPES

68-014A-04C

This data set has been restored. There were originally two 7-track, 556 BPI tapes written in BCD. There is one restored tape written in ASCII. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on a 6000 computer and the restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIME SPAN
DR004679	DS004679	D012307	1 - 224	03/08/68 - 12/30/68
		D012308	225 - 395	01/01/69 - 11/17/69

REQ. AGENT	RASH NO.	ACQ AGENT
MDJ	RB4426	JJB

OGO-5

PROTON COUNT RATE DATA

68-014A-04C

This data set catalog consists of two tapes containing OGO-5 proton data for 1968 and 1969. These tapes are 556 BPI, 7-track, BCD, variety of files. They were created on a CDC 6000 series computer.

The time spans for the tapes are:

D#	C#	TIME SPAN
D-12307	C-09585	3/08/68 - 12/30/68
D-12308	C-09586	1/01/69 - 11/17/69

TABLE 9

BCD CARD IMAGE OF THE TAPE RECORD FORMAT

	COLUMN	FORMAT	DESCRIPTION
X-rays	1 - 3	I 3	Day
	4 - 8	I 5	Time in seconds
68-014A-04B	9 - 17	E 9.2	Un-normalized x-ray rate (UXR) of channel 1 *
	18 - 26	E 9.2	UXR of channel 2
	.	.	.
	.	.	.
	.	.	.
	.	.	.
	72 - 80	E 9.2	UXR of channel 8
Electrons	1 - 3	I 3	Day
	4 - 8	I 5	Time in seconds
68-014A-04A	9 - 17	E 9.2	Electrons (50-90 keV): B1
	18 - 26	E 9.2	Electrons (22-27 keV): B2
	27 - 35	E 9.2	X-rays channel 1
	36 - 44	E 9.2	X-rays channel 8
Protons	1 - 3	I 3	Day
	4 - 8	I 5	Time in seconds
	9 - 17	E 9.2	Proton channel 1+
	17-25	E 9.2	Proton channel 2
	.	.	.
	.	.	.
	.	.	.
	.	.	.
	54 - 62	E 9.2	Proton channel 6

* X-ray channel 1 is the lowest energy channel (9.6-19.2 keV).

\+ Proton channel 1 is the lowest energy channel (7-20 MeV).

FATS070 CONTROL CARD TABLE SIZE IS 4096 BYTES

FATAR CONTROL CARDS

```
  1--   ANALYZE BLP
  2--   PRINT LF=1,B=ALL,CHAR
  3--   PRINT LF=2,B=ALL,CHAR
  4--   PRINT LF=223,B=ALL,CHAR
  5--   PRINT LF=224,B=ALL,CHAR
  6--   PRINT LF=225,B=ALL,CHAR
  7--   PRINT LF=226,B=ALL,CHAR
  8--   PRINT LF=394,B=ALL,CHAR
  9--   PRINT LF=395,B=ALL,CHAR
```

0605
68-014A-04C
DR/DS004679

FATS071 TAPE BUFFER SIZE IS 65535 BYTES

FATS040 TAPEIN IS NOT LABELED - LABELS=NO ASSUMED

CHARACTERISTICS OF THE TAPE TO BE ANALYZED

UNIT	SERIAL	DEN	TRTCH
5BC	NC2006	38000	

FATAR DETAIL REPORT

```
 BLOCK  LNGTH/  MESSAGE/                1...5...10...15...20...25...30...35...40...45...50...55...60...65...70...75...80
 NUMBER DISPL   BLOCK TYPE                        (COLUMN GRID IS VALID ONLY FOR CHARACTER FORMATTED DATA)

* * * * * * *  START FILE       1

               FATS038 DATA FILE IN ISCII/ASCII - TRANSLATED TO EBCDIC

      1  2966  PRINT REQUESTED          6817128 7.07E-02 6.58E-02 1.32E-02 1.18E-01 2.78E+00 0.

* * * * * * *  END OF FILE      1  -- FILE CONTAINED       1 BLOCKS

* * * * * * *  START FILE       2

               FATS038 DATA FILE IN ISCII/ASCII - TRANSLATED TO EBCDIC

      1  2966  PRINT REQUESTED          69 6967 8.97E-02 8.28E+00 2.23E-01 1.38E-01 3.33E+00 3.42E-02

      2  2966  PRINT REQUESTED          6927261 7.40E-02 5.26E-02 7.89E-02 2.24E-01 3.47E+00 0.

* * * * * * *  END OF FILE      2  -- FILE CONTAINED       2 BLOCKS

* * * * * * *  START FILE       3

               FATS038 DATA FILE IN ISCII/ASCII - TRANSLATED TO EBCDIC

* * * * * * *  END OF FILE      3  -- FILE CONTAINED       1 BLOCKS

* * * * * * *  START FILE       4

               FATS038 DATA FILE IN ISCII/ASCII - TRANSLATED TO EBCDIC

* * * * * * *  END OF FILE      4  -- FILE CONTAINED       4 BLOCKS
```

```
6817128 7.07E-02 6.58E-02 1.32E-02 1.18E-01 2.78E&00 0.                    6817737 6.74E-02 6.
58E-02 5.26E-02 1.84E-01 3.03E&00 0.                    6818345 9.21E-02 1.32E-02 3.95E-02 1.97
E-01 2.85E&00 0.                    6818953 9.21E-02 0.       0.       1.71E-01 2.78E&00 0.
                    6819561 6.41E-02 3.95E-02 1.32E-02 1.58E-01 2.49E&00 0.
6820170 7.07E-02 2.63E-02 9.21E-02 2.10E-01 2.79E&00 0.                    6820778 9.86E-02 3.
95E-02 7.89E-02 2.50E-01 3.00E&00 0.                    6821386 9.30E-02 9.26E-02 1.08E-01 1.54
-01 2.89E&00 0.                    6821902 6.33E-02 0.       0.       5.85E-01 3.22E&00 0.
                    6822031 9.49E-02 1.70E&02 1.70E&01 1.91E&00 2.32E&03 0.
6822492 1.07E-01 7.89E-02 3.95E-02 1.18E-01 2.88E&00 0.                    6823100 8.55E-02 3.
95E-02 9.22E-02 1.71E-01 2.71E&00 0.                    6823727 8.22E-02 0.       3.95E-02 1.98
E-01 2.50E&00 0.                    6824335 7.46E-02 0.       6.78E-02 1.90E-01 3.26E&00 0.
                    6824925 7.07E-02 3.95E-02 5.26E-02 2.37E-01 2.54E&00 0.
6825533 6.74E-02 5.26E-02 5.31E&00 1.45E-01 2.72E&00 0.                    6826142 7.73E-02 6.
58E-02 5.26E-02 9.21E-02 2.39E&00 0.                    6826750 7.73E-02 3.95E-02 9.21E-02 2.10
E-01 2.97E&00 0.                    6827358 8.06E-02 6.58E-02 5.26E-02 1.97E-01 2.60E&00 0.
                    6827966 1.22E-01 5.38E-02 1.35E-02 1.61E-01 2.76E&00 0.
6828593 8.22E-02 6.58E-02 5.26E-02 1.32E-01 2.47E&00 0.                    6829201 9.56E-02 4.
22E-02 0.       2.53E-01 2.83E&00 0.
```

REC 1. LENGTH 2964

3/8/68 - 12/30/68

Dupe of D-12307

C-09585

0000

365 118 8.31E-02 1.36E-02 9.49E-02 7.81E&00 2.46E&01 0. 365 708 1.03E-01 5. REC 1. LENGTH 2964
43E-02 2.71E-02 7.65E&00 2.55E&01 0. 365 1298 1.07E-01 4.07E-02 8.14E-02 7.50
E&00 2.42E&01 0. 365 1888 8.14E-02 1.36E-02 2.71E-02 8.29E&00 2.62E&01 0.
365 2478 6.27E-02 4.07E-02 6.78E-02 7.92E&00 2.54E&01 0.
365 3067 6.78E-02 6.78E-02 4.07E-02 8.06E&00 2.48E&01 0. 365 3657 8.48E-02 5.
51E-02 2.76E-02 8.22E&00 2.45E&01 0. 365 4247 1.10E-01 2.71E-02 4.07E-02 7.89
&00 2.48E&01 0. 365 4837 8.99E-02 6.78E-02 2.71E-02 7.55E&00 2.52E&01 0.
365 5427 8.82E-02 4.07E-02 2.71E-02 7.24E&00 2.48E&01 0.
365 6017 1.05E-01 2.71E-02 0. 7.60E&00 2.34E&01 0. 365 6606 1.00E-01 1.
09E-01 5.43E-02 7.76E&00 2.48E&01 0. 365 7196 9.83E-02 5.43E-02 4.07E-02 7.76
E&00 2.37E&01 0. 365 7786 8.82E-02 5.43E-02 6.78E-02 7.64E&00 2.48E&01 0.
365 8376 7.80E-02 6.78E-02 5.43E-02 7.85E&00 2.51E&01 0.
365 8966 8.82E-02 5.43E-02 1.36E-01 7.83E&00 2.55E&01 0. 365 9556 7.12E-02 2.
76E-02 2.76E-02 8.15E&00 2.51E&01 0. 36510145 6.27E-02 2.71E-02 2.71E-02 7.84
E&00 2.48E&01 0. 36510735 9.49E-02 2.71E-02 1.36E-02 8.02E&00 2.49E&01 0.
36511325 8.48E-02 6.78E-02 5.43E-02 8.27E&00 2.51E&01 0.
36511915 9.16E-02 2.71E-02 6.78E-02 7.87E&00 2.50E&01 0. 36512505 7.97E-02 1.
36E-02 4.07E-02 7.70E&00 2.43E&01 0. 36513094 9.16E-02 2.71E-02 6.78E-02 7.92
E&00 2.43E&01 0. 36513684 8.14E-02 2.80E-02 4.13E-02 7.77E&00 2.47E&01 0.
36514274 9.49E-02 2.80E-02 2.80E-02 8.56E&00 2.66E&01 0.
36514422 6.78E-02 0. 2.35E-02 7.41E&00 2.30E&01 0. 36515011 7.29E-02 5.
79E-02 4.34E-02 7.48E&00 2.42E&01 0. 36515601 7.12E-02 7.48E-02 5.89E-02 7.38
E&00 2.52E&01 0. 36516191 8.31E-02 8.27E-02 1.38E-02 7.88E&00 2.50E&01 0.
36516781 8.14E-02 5.43E-02 4.07E-02 7.36E&00 2.42E&01 0.
36517371 1.03E-01 8.14E-02 4.07E-02 7.51E&00 2.42E&01 0. 36517961 9.83E-02 4.
07E-02 4.07E-02 7.76E&00 2.42E&01 0. 36518550 8.65E-02 6.78E-02 5.43E-02 7.35
E&00 2.47E&01 0. 36519140 9.49E-02 2.71E-02 8.14E-02 7.91E&00 2.49E&01 0.
36519730 1.02E-01 1.09E-01 0. 6.24E&00 2.16E&01 0.
36519992 7.29E-02 4.07E-02 1.36E-02 7.73E&00 2.45E&01 0. 36520582 8.65E-02 6.
78E-02 1.09E-01 7.45E&00 2.37E&01 0. 0000

36521172 8.14E-02 2.71E-02 9.49E-02 7.61E&00 2.42E&01 0. 36521762 8.14E-02 6. REC 2. LENGTH 2964
8E-02 9.49E-02 7.43E&00 2.48E&01 0. 36522352 8.99E-02 4.07E-02 2.71E-02 8.00
E&00 2.48E&01 0. 36522941 7.63E-02 4.07E-02 2.71E-02 2.50E&01 2.42E&01 0.
36523531 6.61E-02 4.07E-02 1.36E-02 5.25E&01 2.37E&01 0.
36524121 6.95E-02 5.43E-02 0. 5.36E&01 2.47E&01 0. 36524711 7.29E-02 1.
36E-01 1.36E-02 5.23E&01 2.47E&01 0. 36525301 5.93E-02 5.43E-02 4.07E-02 5.33
E&01 2.51E&01 0. 36525891 7.97E-02 2.71E-02 5.43E-02 5.16E&01 2.46E&01 0.
36526480 1.02E-01 0. 0. 5.60E&01 2.45E&01 0.
36526628 8.48E-02 4.07E-02 5.43E-02 5.14E&01 2.35E&01 0. 36527218 8.14E-02 4.
07E-02 5.43E-02 5.34E&01 2.46E&01 0. 36527808 7.12E-02 2.71E-02 5.43E-02 5.27
E&01 2.50E&01 0. 36528135 4.30E-02 1.77E-02 0. 2.44E&01 1.32E&01 5.38E-
01 36528397 4.75E-02 0. 1.58E-01 5.54E&01 2.61E&01 0.
36528725 0. 0. 5.43E-02 2.79E&01 1.29E&01 0. 36528932 8.31E-02 2.
71E-02 8.14E-02 5.07E&01 2.41E&01 0. 36529522 7.97E-02 1.36E-02 5.43E-02 5.33
E&01 2.48E&01 0. 36530112 6.61E-02 1.36E-02 5.43E-02 5.27E&01 2.42E&01 0.
36530701 5.93E-02 2.71E-02 4.07E-02 5.34E&01 2.45E&01 0.
36531291 8.65E-02 4.07E-02 8.14E-02 5.34E&01 2.44E&01 0. 36531881 8.82E-02 6.
78E-02 9.49E-02 5.27E&01 2.47E&01 0. 36532471 6.78E-02 5.43E-02 4.07E-02 5.21
E&01 2.43E&01 0. 36533061 8.82E-02 0. 1.36E-02 5.39E&01 2.43E&01 0.
36533650 6.61E-02 2.71E-02 5.43E-02 5.35E&01 2.35E&01 0.
36534240 6.95E-02 9.49E-02 6.78E-02 5.32E&01 2.32E&01 0. 36534830 6.95E-02 4.
07E-02 8.14E-02 5.31E&01 2.50E&01 0. 36535420 7.46E-02 0. 7.89E-02 5.60
E&01 2.26E&01 0. 36535715 7.97E-02 1.36E-02 1.36E-02 5.29E&01 2.30E&01 0.
36536305 7.29E-02 4.07E-02 2.71E-02 5.29E&01 2.50E&01 0.
36536895 9.32E-02 1.36E-02 0. 5.22E&01 2.30E&01 0. 36537484 7.12E-02 5.
43E-02 4.07E-02 5.37E&01 2.42E&01 0. 36538074 8.65E-02 2.71E-02 6.78E-02 5.40
&01 2.54E&01 0. 36538664 8.65E-02 5.43E-02 8.14E-02 5.22E&01 2.57E&01 0.
36539254 7.46E-02 1.36E-02 5.43E-02 5.69E&01 2.38E&01 0.
36539844 7.46E-02 2.71E-02 5.43E-02 5.63E&01 2.50E&01 0. 36540433 6.44E-02 2.
71E-02 2.71E-02 5.69E&01 2.40E&01 0. 0000

36541023 8.82E-02 1.36E-02 5.43E-02 5.71E&01 2.42E&01 0. 36541613 1.05E-01 1. REC 3. LENGTH 2964