

Data Set Catalog #187

OGO-5, Playback Electron Flux
68-014A-13B 6-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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

SPMS 00495

PLAYBACK ELECTRON FLUX .05-1.2 MEV

68-014A-13B

This data set has been restored. There were originally six 9-track, 800 BPI tapes written in Binary. There are two restored tapes. The DR tapes are 3480 cartridges and the DS tapes are 9-track, 6250 BPI. The original tapes were created on an IBM 360 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR004218	DS004218	D006881	1 - 543	03/30/68 - 08/30/68
		D006882	544 - 1183	08/30/68 - 01/28/69
		D006883	1184 - 1600	01/28/69 - 06/15/69
DR004219	DS004219	D006884	1 - 499	06/16/69 - 11/15/69
		D006885	500 - 954	11/16/69 - 04/15/70
		D006886	955 - 1028	05/28/70 - 02/14/71

REQ AGENT
PAR

CASH NO.
RA 8306

ACC AGENT
DJH

OGO-5

PLAYBACK ELECTRON FLUX

68-014A-13B

This data set consists of 6 multifiled OGO-5 Electron Flux data tapes. These tapes were created on an IBM 360 computer and are 800 BPI, Binary, the 'D' tapes 9-track and the 'C' tapes 7-track.

Each physical record contains 4088 8 bit bytes. The time spans for the data is as follows:

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-06881	C-07927	3/30/68 - 8/30/68
D-06882	C-07928	8/30/68 - 1/28/69
D-06883	C-07929	1/28/69 - 6/15/69
D-06884	C-07973	6/25/69 - 11/15/69
D-06885	C-07974	11/15/69 - 4/14/70
D-06886	C-07975	5/28/70 - 2/14/71

OGO/E E-13 PRIMARY DATA BASE
DATA FORMAT

BYTE	REPRESENTATION
1-2	Temp. Sensor #1
3-4	" " #5
5-6	" " #6
7-8	" Electronics
9-12 <u>+16N</u>	Frame times 10^7 plus record No. of decom tape times 10^3 + day No.
13-16	Millisecond of day
17	Detector #1
18	Detector #2
19	Detector #3
20	Detector #4
21	Detector #5
22	Detector #6
23	*Bad data flag and channel No.
24	**Mode and submode

Where $0 \leq N \leq 254$ (255 Frames)

4088 8 bit bytes/record

*If data was bad this byte will be greater than 239
If data was good the count differences of this frame belong
to the energy bandwidth corresponding to the number appearing here.

**The tens column of this byte is the mode of the instruments
(0=normal, 1=energy, 2=pitch angle).
The units column indicates the sub mode as when in 'normal' mode
this instrument alternates between energy and pitch angle modes.

1, LENGTH 4088

OG0-5 PLAYBACK ELECTRON FLUX

D-6881

90-243

1968

3/30/68 - 8/30/68

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REC 2, LENGTH 4088

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