

DATA SET CATALOG #125

LOW ~~ENERGY~~ ^{OGG} -4⁴ AUR PART A

67-073A-11A

31 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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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-4

AURORAL PARTICLE COUNT RATES

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THIS DATA SET HAS BEEN RESTORED. ORIGINALLY THERE WERE 77 9-TRACK, 800 BPI TAPES. TWO OF THESE TAPES WERE BAD; DD008502 AND DD008521. THERE ARE NOW 13 9-TRACK, 6250 BPI TAPES. THE TAPES WERE CREATED ON AN IBM 360 COMPUTER. THE DR AND DS NUMBERS ALONG WITH THEIR CORRESPONDING D NUMBERS AND TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR002710	DS002710	D005976	1	07/30/67 - 09/16/67
		D005977	2	09/16/67 - 10/16/67
		D005978	3	10/16/67 - 12/05/67
		D005979	4	12/05/67 - 01/10/68
		D005980	5	01/10/68 - 01/12/68
		D005981	6	01/12/68 - 01/23/68 (a)
DR002711	DS002711	D005982	1	01/23/68 - 02/02/68
		D005983	2	02/02/68 - 02/10/68 (b)
		D005984	3	02/10/68 - 02/19/68
		D005985	4	02/19/68 - 02/20/68 (c)
		D005986	5	02/20/68 - 02/28/68
		D005987	6	02/28/68 - 03/09/68 (d)
DR002712	DS002712	D005988	1	03/09/68 - 03/23/68
		D005989	2	03/23/68 - 03/26/68 (e)
		D005990	3	03/26/68 - 04/06/68
		D005991	4	04/06/68 - 04/12/68 (f)
		D005992	5	04/12/68 - 04/16/68
		D005993	6	04/16/68 - 04/21/68
DR002713	DS002713	D005995	1	04/24/68 - 04/24/68
		D005996	2	04/24/68 - 04/27/68
		D005997	3	04/27/68 - 04/30/68
		D005998	4	04/30/68 - 04/30/68 (g)
		D005999	5	04/30/68 - 05/03/68
		D006000	6	05/03/68 - 05/06/68
DR002714	DS002714	D006001	1	05/06/68 - 05/09/68
		D006002	2	05/09/68 - 05/13/68
		D006003	3	05/13/68 - 05/13/68
		D006004	4	05/13/68 - 05/18/68
		D006005	5	05/18/68 - 05/24/68
		D006006	6	05/24/68 - 06/01/68

DR#	DS#	D#	FILES	TIME SPAN
DR002717	DS002717	D008503	1	06/05/68 - 06/05/68
		D008504	2	06/05/68 - 06/24/68
		D008505	3	06/24/68 - 06/25/68
		D008506	4	06/25/68 - 07/06/68
		D008507	5	07/06/68 - 07/07/68 (h)
DR002718	DS002718	D008508	1	07/07/68 - 07/15/68 (i)
		D008509	2	07/15/68 - 07/16/68 (j)
		D008510	3	07/16/78 - 07/24/68
		D008511	4	07/24/68 - 07/25/68
		D008512	5	07/25/68 - 07/30/68
		D008514	6	07/31/68 - 08/01/68 (k)
DR002719	DS002719	D008513	1	07/30/68 - 07/31/68
		D008515	2	08/01/68 - 08/05/68 (l)
		D008516	3	08/05/68 - 08/09/68
		D008517	4	08/09/68 - 08/13/68 (m)
		D008518	5	08/13/68 - 08/16/68
		D008519	6	08/16/68 - 08/17/68 (n)
DR002720	DS002720	D008520	1	08/17/68 - 08/21/68
		D008522	2	08/25/68 - 08/29/68
		D008523	3	08/29/68 - 09/03/68
		D008524	4	09/03/68 - 09/04/68 (o)
		D008525	5	09/04/68 - 09/11/68 (p)
DR002721	DS002721	D008526	1	09/11/68 - 09/12/68
		D008527	2	09/12/68 - 09/23/68
		D008528	3	09/23/68 - 10/11/68
		D008529	4	10/11/68 - 10/23/68
		D008530	5	10/23/68 - 10/30/68
		D008531	6	10/30/68 - 11/07/68
DR002722	DS002722	D008532	1	11/07/68 - 11/13/68
		D008533	2	11/13/68 - 11/13/68
		D008534	3	11/13/68 - 11/17/68
		D008535	4	11/17/68 - 11/22/68 (q)
		D008536	5	11/22/68 - 11/22/68
		D008537	6	11/22/68 - 11/28/68
DR002723	DS002723	D008538	1	11/28/68 - 12/03/68
		D008539	2	12/03/68 - 12/05/68
		D008540	3	12/05/68 - 12/05/68
		D008541	4	12/05/68 - 12/11/68 (r)
		D008542	5	12/11/68 - 12/17/68
		D008543	6	12/17/68 - 12/18/68
DR002724	DS002724	D008544	1	12/18/68 - 12/27/68
		D008545	2	12/27/68 - 01/14/69
		D008546	3	01/14/69 - 01/15/69 (s)
		D008547	4	01/15/69 - 01/25/69
		D005994	5	04/21/68 - 04/24/68 (t)

(a) D005981 - 2 ERRORS, RECORDS 270, 271, FILE 1

(b) D005983 - 1 ERROR, RECORD 769, FILE 1

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This data set consists of 31, 800 BPI, BINARY, 9-track tapes produced on the IBM/360. The copy tapes are 7-track instead of nine track and there are frequently 2 C-tapes to each D-tape. The unique time is given in the first word of each record and is in deciseconds since 0 hours, 0 minutes, and 0 seconds of June 28, 1967.

D#9tr.	D#	D#-7tr.	Start	Stop
D-05976	C-06371	D-06374	7/30/67 0.12.9	9/12/67 22.36.5
	C-06372	D-06375	9/12/67 22.36.42	9/16/67 0.35.36
D-05977	C-06373	D-06376	9/16/67 0.35.38	10/11/67 10.56.33
	C-06374	D-06377	10/11/67 10.56.35	10/16/67 18.12.20
D-05978	C-06375	D-06378	10/16/67 18.12.57	11/16/67 18.48.15
	C-06376	D-06379	11/16/67 18.48.24	12/3/67 17.13.44
D-05979	C-06377	D-06380	12/3/67 17.15.20	1/7/68 0.18.39
	C-06378	D-06381	1/7/68 0.18.48	1/10/68 4.41.0
D-05980	C-06379	D-06382	1/10/68 4.41.37	1/12/68 20.20.10
D-05981	C-06380	D-06383	1/12/68 20.20.19	1/22/68 21.8.30
	C-06381	D-06384	1/22/68 21.8.39	1/23/68 23.10.27
D-05982	C-06382	D-06385	1/23/68 23.10.36	1/31/68 8.22.40
	C-06383	D-06386	1/31/68 8.22.42	2/2/68 1.1.55
D-05983	C-06384	D-06387	2/2/68 1.1.58	2/8/68 23.43.18
	C-06385	D-06388	2/8/68 23.43.22	2/10/68 23.44.9
D-05984	C-06386	D-06389	2/10/68 23.44.11	2/17/68 23.9.18
	C-06387	D-06390	2/17/68 23.9.21	2/19/68 0.30.18
D-05985	C-06388	D-06391	2/19/68 0.30.55	2/20/68 8.23.10
D-05986	C-06389	D-06392	2/20/68 8.23.12	2/26/68 23.22.53
	C-06390	D-06393	2/26/68 23.22.56	2/28/68 9.36.2
D-05987	C-06391	D-06394	2/28/68 9.36.4	3/6/68 9.14.43
	C-06392	D-06395	3/6/68 9.14.45	3/9/68 16.55.48
D-05988	C-06393	D-06396	3/9/68 16.56.25	3/20/68 19.15.25
	C-06394	D-06397	3/20/68 19.16.2	3/23/68 7.24.8
D-05989	C-06395	D-06398	3/23/68 7.24.10	3/26/68 8.36.8
D-05990	C-06396	D-06399	3/26/68 8.36.10	4/4/68 3.47.49
	C-06397	D-06400	4/4/68 3.47.51	4/6/68 6.2.7
D-05991	C-06398	D-06401	4/6/68 6.2.9	4/11/68 4.5.41
	C-06399	D-06402	4/11/68 4.6.18	4/12/68 6.36.2
D-05992	C-06400	D-06403	4/12/68 6.36.4	4/16/68 1.35.15
	C-06401	D-06404	4/16/68 1.35.17	4/16/68 15.58.7
D-05993	C-06402	D-06405	4/16/68 15.58.9	4/20/68 11.9.17
	C-06403	D-06406	4/20/68 11.9.53	4/21/68 3.11.9
D-05994	C-06404	D-06407	4/21/68 3.11.12	4/24/68 1.12.59
	C-06405	D-06408	4/24/68 1.13.1	4/24/68 12.34.17
D-05995	C-06406	D-06409	4/24/68 12.34.20	4/24/68 14.6.15
D-05996	C-06407	D-06410	4/24/68 14.6.17	4/27/68 2.13.47
	C-06408	D-06411	4/27/68 2.13.50	4/27/68 15.12.6

D-05997	D-06412	4/27/68 15.12.8	4/30/68 3.8.20
	D-06413	4/30/68 3.8.23	4/30/68 14.36.22
D-05998	D-06414	4/30/68 14.36.25	4/30/68 16.2.23
D-05999	D-06415	4/30/68 16.2.25	5/3/68 1.0.22
	D-06416	5/3/68 1.0.59	5/3/68 5.16.44
D-06000	D-06417	5/3/68 9.16.46	5/5/68 14.37.36
	D-06418	5/5/68 14.37.38	5/6/68 3.38.35
D-06001	D-06419	5/6/68 3.38.48	5/9/68 0.3.25
	D-06420	5/9/68 0.3.28	5/9/68 14.25.26
D-06002	D-06421	5/9/68 14.25.29	5/12/68 23.36.45
	D-06422	5/12/68 23.36.48	5/13/68 15.47.26
D-06003	D-06423	5/13/68 15.47.29	5/13/68 15.50.56
D-06004	D-06424	5/13/68 15.50.58	5/17/68 23.49.14
	D-06425	5/17/68 23.49.17	5/18/68 22.36.45
D-06005	D-06426	5/18/68 22.37.21	5/22/68 23.50.29
	D-06427	5/22/68 23.50.32	5/24/68 0.25.47
D-06006	D-06428	5/24/68 0.25.49	6/1/68 20.53.11

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46 more tapes have been added to this data set. The unique time is given in the first word of each record and is in deciseconds since 0 hours, 0 minutes and 0 seconds of June 28, 1967.

<u>D#</u> 9tr.	<u>D#</u> 7tr.	<u>START</u>	<u>STOP</u>
D-08502	D-10291	5/27/68 9,26,37	6/05/68 20,29,36
D-08503	D-10292	6/05/68 20,29,48	6/05/68 23,46,32
D-08504	D-10293	6/05/68 23,46,36	6/24/68 20,36,18
D-08505	D-10294	6/24/68 20,36,20	6/25/68 22,31,31
D-08506	D-10295	6/25/68 22,31,33	7/06/68 19,40,43
D-08507	D-10296	7/06/68 19,40,46	7/07/68 8,22,16
D-08508	D-10297	7/07/68 8,22,20	7/15/68 20,58,04
D-08509	D-10298	7/15/68 20,58,05	7/16/68 4,57,16
D-08510	D-10299	7/16/68 4,57,18	7/24/68 18,47,12
D-08511	D-10300	7/24/68 18,47,10	7/25/68 17,29,48
D-08512	D-10301	7/25/68 17,29,50	7/30/68 6,06,55
D-08513	D-10302	7/30/68 6,06,59	7/31/68 1,42,46
D-08514	D-10303	7/31/68 1,42,48	8/01/68 18,15,20
D-08515	D-10304	8/01/68 18,15,22	8/05/68 16,21,00
D-08516	D-10305	8/05/68 16,21,05	8/09/68 12,32,47
D-08517*	D-10306	8/09/68 12,32,51	8/13/68 4,18,09
D-08518	D-10307	8/13/68 4,18,10	8/16/68 18,18,10
D-08519	D-10308	8/16/68 18,18,21	8/17/68 13,48,38
D-08520	D-10309	8/17/68 13,49,15	8/21/68 5,04,15
D-08521	D-10310	8/21/68 5,04,17	8/25/68 13,02,07
D-08522	D-10311	8/25/68 13,02,10	8/29/68 4,23,41
D-08523	D-10312	8/29/68 4,23,49	9/03/68 12,24,45

<u>D# 9tr.</u>	<u>D# 7tr.</u>	<u>START</u>	<u>STOP</u>
D-08524	D-10313	9/03/68 12.24.46	9/04/68 13.04.12
D-08525	D-10314	9/04/68 13.04.14	9/11/68 0.20.40
D-08526	D-10315	9/11/68 0.21.17	9/12/68 2.16.35
D-08527	D-10316	9/12/68 2.16.36	9/23/68 12.22.14
D-08528	D-10317	9/23/68 12.22.23	10/11/68 22.19.05
D-08529	D-10318	10/11/68 22.19.08	10/23/68 16.18.22
D-08530	D-10319	10/23/68 16.18.27	10/30/68 10.13.18
D-08531	D-10320	10/30/68 10.13.20	11/07/68 9.15.46
D-08532	D-10321	11/07/68 9.15.49	11/13/68 7.28.13
D-08533	D-10322	11/13/68 7.28.32	11/13/68 20.26.54
D-08534	D-10323	11/13/68 20.26.56	11/17/68 8.52.57
D-08535*	D-10324	11/17/68 8.52.59	11/22/68 5.19.02
D-08536	D-10325	11/22/68 5.19.04	11/22/68 15.04.07
D-08537	D-10326	11/22/68 15.04.16	11/28/68 16.14.58
D-08538	D-10327	11/28/68 16.15.07	12/03/68 13.11.16
D-08539	D-10328	12/03/68 13.11.25	12/05/68 4.06.53
D-08540	D-10329	12/05/68 4.06.56	12/05/68 7.00.37
D-08541	D-10330	12/05/68 7.00.39	12/11/68 2.08.31
D-08542	D-10331	12/11/68 2.08.33	12/17/68 4.02.56
D-08543	D-10332	12/17/68 4.02.59	12/18/68 1.59.55
D-08544	D-10333	12/18/68 14.00.32	12/27/68 1.30.56
D-08545	D-10334	12/27/68 1.31.31	1/14/69 14.07.40
D-08546	D-10335	1/14/69 14.07.45	1/15/69 1.39.40
D-08547	D-10336	1/15/69 1.39.45	1/25/69 11.54.15

* Indicates a problem encountered while attempting to dupe 9 track to 7 track tapes.

APPENDIX B

Pogo II Encyclopedia Tape

The Pogo II Encyclopedia Tapes are 9-track, 800 bpi tapes written in IBM/360 internal format. The record format is undefined (U) with a maximum block size of 9002 bytes (BLKSIZE=9002). The tapes as produced by the Encyclopedia program are labeled tapes containing standard IBM magnetic tape labels with a data set name POECA. The Pogo II data tapes sent to the Data Center do not contain the standard magnetic tape labels. All tapes contain a single file of data.

OCO II Encyclopedia Tape Format

Records on the POCO II Encyclopedia Tapes correspond to records on the input decim tapes. That means a record is information from one satellite-communicator sequence (128 main commutator frames). Files from the decim tapes, however, are merged, so the Encyclopedia Tapes consist of records from all input files written in time order with no duplicate coverage.

<u>Name</u>	<u>Dimension</u>	<u>Type</u>	<u>Contents</u>
TIME	1	104	Unique Time of 1st frame
ITIM	1	104	Millisecond of 1st frame
ISCLK	128	104	Spacecraft clock
WPOWER	1	102	Experiment Power
WMODE	1	102	Experiment Mode: 1 = Electrons 2 = Protons 0 = Undetermined
TEMP	1	102	Experiment Temperature
WLOAD	1	102	OCO Load Bus
EXPLOT	7	102	Calibration Voltages
WBACK	4	102	Background Readouts
WFLA	1	102	Absolute File Number
WTYP	1	102	Data Type: 1 = 4 KB 2 = 16 KB 3 = 64 KB 4 = 4 KB Playback
WERS	128	102	Error indicator: 0 - 12 Number of bit errors in frame sync word 99 = Data is pad 992 Data and time is pad
DATA	Depends on format	102	Data Arrays