

#152

OGO-5
ELECTRON FLUX
68-014A-13A

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

ELECTRON FLUX .05 - 1.2 MEV

68-014A-13A

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY THERE WERE 92 9-TRACK, 6250 BPI TAPES, WRITTEN IN BINARY. FIVE OF THESE TAPES WERE BAD; D006102, D006124, D008757, D008760 AND D008788. THERE ARE 16 RESTORED TAPES. THE DR TAPES ARE 3480 CARTRIDGES AND THE DS TAPES ARE 9-TRACK, 6250 BPI. THE DR AND DS TAPES ALONG WITH THE CORRESPONDING D NUMBERS AND TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR003069	DS003069	D006144	1-2	03/05/68 - 03/05/68 (a)
		D006134	3	03/08/68 - 03/08/68 (b)
		D006105	4-149	03/11/68 - 03/14/68
		D006137	150-264	03/14/68 - 03/16/68
		D006103	265-382	03/16/68 - 03/20/68
		D006138	383-430	03/20/68 - 03/20/68 (c)
		D006104	431-488	03/22/68 - 03/25/68
		D006132	489-552	03/25/68 - 03/28/68
DR003070	DS003070	D006113	1-67	03/28/68 - 04/02/68
		D006130	68-119	04/02/68 - 04/04/68
		D006129	120-191	04/04/68 - 04/10/68 (d)
		D006133	192-256	04/12/68 - 04/17/68 (e)
		D006131	257-304	04/17/68 - 04/20/68
		D006099	305-375	04/20/68 - 04/25/68
DR003071	DS003071	D006116	1-65	04/25/68 - 04/30/68
		D006122	66-143	04/30/68 - 05/07/68
		D006119	144-213	05/07/68 - 05/13/68
		D006118	214-257	05/13/68 - 05/16/68
		D006120	258	05/16/68 - 05/16/68 (f)
		D006128	259-335	05/21/68 - 05/26/68
DR003072	DS003072	D006127	1-62	05/26/68 - 05/31/68
		D006114	63-138	05/31/68 - 06/06/68
DR003073	DS003073	D006115	1-78	06/06/68 - 06/11/68
		D006101	79-163	06/11/68 - 06/17/68
		D006098	164-220	06/17/68 - 06/21/68

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DR#	DS#	D#	FILES	TIME SPAN
DR003074	DS003074	D006110	1-65	06/22/68 - 06/27/68
		D006109	66-135	06/27/68 - 07/02/68
		D006108	136-218	07/02/68 - 07/10/68
		D006097	219-283	07/11/68 - 07/17/68
		D006112	284-333	07/18/68 - 07/28/68
		D006111	334-385	07/28/68 - 08/01/68
		D006126	386-470	07/28/68 - 08/04/68
DR003075	DS003075	D006135	1-68	08/04/68 - 08/10/68
		D006136	69-134	08/10/68 - 08/15/68
		D006123	135-221	08/15/68 - 08/23/68 (g)
DR003076	DS003076	D006125	1-37	08/28/68 - 08/31/68 (h)
		D006117	38-104	08/31/68 - 09/05/68 (i)
		D006106	105-195	09/05/68 - 09/13/68 (j)
		D006107	196-281	09/13/68 - 09/18/68
		D006140	282-348	09/18/68 - 09/23/68
		D006100	349-374	09/23/68 - 09/26/68 (k)
DR003077	DS003077	D006139	1-77	10/01/68 - 10/09/68
		D006092	78-166	10/09/68 - 10/16/68
		D006121	167-235	10/16/68 - 10/22/68
		D006093	236-325	10/22/68 - 10/29/68
		D006096	326-403	10/29/68 - 11/04/68
		D006091	404-449	11/04/68 - 11/10/68
		D006090	450-513	11/09/68 - 11/14/68 (l)
DR003078	DS003078	D006089	1-44	11/14/68 - 11/21/68
		D006094	45-112	11/22/68 - 11/27/68
		D006095	113-205	11/27/68 - 12/05/68
		D006141	206-269	12/05/68 - 12/10/68 (m)
		D006142	270-368	12/10/68 - 12/18/68 (n)
		D006143	369-437	12/18/68 - 12/23/68 (o)
		D006145	438-536	12/23/68 - 01/01/69
		D006146	537-539	01/01/69 - 01/01/69
DR003079	DS003079	D008758	1-81	04/27/69 - 05/03/69
		D008759	82-198	05/03/69 - 05/12/69
		D008761	199-290	05/22/69 - 05/28/69
DR003080	DS003080	D008762	1-146	05/28/69 - 06/10/69
		D008763	147-223	06/10/69 - 06/15/69
		D008764	224-340	06/15/69 - 06/26/69
		D008765	341-456	06/29/69 - 07/06/69
		D008766	457-582	07/06/69 - 07/16/69
		D008767	583-695	07/16/69 - 07/24/69
DR003081	DS003081	D008768	1-101	07/24/69 - 08/01/69
		D008770	102-219	08/01/69 - 08/09/69
		D008769	220-349	08/09/69 - 08/22/69

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DR#	DS#	D#	FILES	TIME SPAN
DR003082	DS003082	D008771	1-166	08/22/69 - 09/07/69
		D008772	167-241	09/07/69 - 09/12/69
		D008773	242-367	09/12/69 - 09/22/69
		D008774	368-468	09/22/69 - 10/01/69
		D008775	469-592	10/02/69 - 10/13/69
		D008776	593-686	10/13/69 - 10/21/69 (p)
DR003083	DS003083	D008777	1-64	10/21/69 - 10/26/69
		D008778	65-179	10/26/69 - 11/05/69
		D008779	180-240	11/05/69 - 11/09/69 (q)
		D008780	241-321	11/09/69 - 11/16/69
		D008781	322-396	11/16/69 - 11/21/69
		D008782	397-463	11/21/69 - 11/26/69 (r)
		D008783	464-557	11/26/69 - 12/05/69 (s)
		D008784	558-677	12/09/69 - 12/17/69
DR003084	DS003084	D008785	1-64	12/17/69 - 12/22/69
		D008786	65-178	12/25/69 - 01/02/70
		D008787	179-463	01/02/70 - 01/31/70
		D008789	464-633	03/18/70 - 04/05/70
		D008790	634-784	04/06/70 - 04/20/70

Files were lost from the following tapes, it is not clear which files were lost as they were not noted at the time of restoration.

- (a) D006144 - lost 123 files
- (b) D006134 - lost 171 files
- (c) D006138 - lost 45 files
- (d) D006129 - lost 13 files
- (e) D006133 - lost 2 files
- (f) D006120 - lost 74 files
- (g) D006123 - lost 1 file
- (h) D006125 - lost 13 files
- (i) D006117 - lost 13 files
- (j) D006106 - lost 1 file
- (k) D006100 - lost 63 files
- (l) D006090 - lost 1 file
- (m) D006141 - lost 1 file
- (n) D006142 - lost 1 file
- (o) D006143 - lost 1 file
- (p) D008776 - lost 20 files
- (q) D008779 - lost 1 file
- (r) D008782 - lost 1 file
- (s) D008783 - lost 43 files

REQ. AGENT

RAND NO.

ACQ. AGENT

OGO 5

ELECTRON FLUX .05 - 1.2 MEV

68-014A-13A

This data set has been restored. The DR and DS tape are 9 track, BIN, and multi-filed. The DR tape is a 3480 cartridge and the DS tape is 6250 BPI. The DR, DS, and DD numbers along with the time spans are given as follows:

DR #	DS #	DD #	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR03069	DS03069	D-06144	1 - 2	03/05/68 - 03/07/68
		D-06134	3	03/08/68 - 03/11/68
		D-06105	4 - 149	03/11/68 - 03/14/68
		D-06137	150 - 264	03/14/68 - 03/16/68
		D-06103	265 - 382	03/16/68 - 03/20/68
		D-06138	383 - 430	03/20/68 - 03/22/68
		D-06104	431 - 488	03/22/68 - 03/25/68
		D-06132	489 - 552	03/25/68 - 03/28/68
DR03070	DS03070	D-06133	1 - 67	03/28/68 - 04/02/68
		D-06130	68 - 119	04/02/68 - 04/04/68
		D-06129	120 - 191	04/04/68 - 04/12/68
		D-06133	192 - 256	04/12/68 - 04/17/68
		D-06131	257 - 304	04/17/68 - 04/20/68
		D-06099	305 - 375	04/20/68 - 04/25/68
DR03071	DS03071	D-06166	1 - 65	04/25/68 - 04/30/68
		D-06122	66 - 143	04/30/68 - 05/07/68
		D-06119	144 - 213	05/07/68 - 05/13/68
		D-06118	214 - 257	05/13/68 - 05/16/68
		D-06120	258	05/16/68 - 05/21/68
		D-06128	259 - 335	05/21/68 - 05/26/68
DR03072	DS03072	D-06127	1 - 62	05/26/68 - 05/31/68
		D-06114	63 - 138	05/31/68 - 06/06/68
DR03073	DS03073	D-06115	1 - 78	06/06/68 - 06/11/68
		D-06101	79 - 163	06/11/68 - 06/17/68
		D-06098	164 - 220	06/17/68 - 06/21/68
DR03074	DS03074	D-06110	1 - 65	06/22/68 - 06/27/68
		D-06109	66 - 135	06/27/68 - 07/02/68
		D-06108	136 - 218	07/02/68 - 07/10/68
		D-06097	219 - 283	07/10/68 - 07/17/68
		D-06112	284 - 333	07/17/68 - 07/23/68

		D-06111	334 - 385	07/25/68 - 07/28/68
		D-06126	386 - 470	07/28/68 - 08/04/68
DR03075	DS03075	D-06135	1 - 68	08/04/68 - 08/10/68
		D-06136	69 - 134	08/10/68 - 08/15/68
		D-06123	135 - 222	08/15/68 - 08/23/68
DR03076	DS03076	D-06125	1 - 37	08/28/68 - 09/01/68
		D-06117	38 - 104	09/01/68 - 09/05/68
		D-06106	105 - 195	09/07/68 - 09/13/68
		D-06107	196 - 281	09/13/68 - 09/18/68
		D-06140	282 - 348	09/18/68 - 09/23/68
		D-06100	349 - 374	09/23/68 - 10/01/68
DR03077	DS03077	D-06139	1 - 77	10/01/68 - 10/09/68
		D-06092	78 - 166	10/09/68 - 10/16/68
		D-06121	167 - 235	10/16/68 - 10/22/68
		D-06093	236 - 325	10/22/68 - 10/29/68
		D-06096	326 - 403	10/29/68 - 11/04/68
		D-06091	404 - 449	11/04/68 - 11/10/68
		D-06090	450 - 513	11/09/68 - 11/14/68
DR03078	DS03078	D-06089	1 - 44	11/14/68 - 11/21/68
		D-06094	45 - 112	11/22/68 - 11/27/68
		D-06095	113 - 205	11/27/68 - 12/05/68
		D-06141	206 - 269	12/05/68 - 12/10/68
		D-06142	270 - 368	12/10/68 - 12/18/68
		D-06143	369 - 437	12/18/68 - 12/23/68
		D-06145	438 - 536	12/23/68 - 01/01/69
		D-06146	537 - 539	01/01/69 - 01/01/69
DR03079	DS03079	D-08758	1 - 81	04/27/69 - 05/03/69
		D-08759	82 - 198	05/03/69 - 05/12/69
		D-08761	199 - 290	05/22/69 - 05/28/69
DR03080	DS03080	D-08762	1 - 146	05/28/69 - 06/10/69
		D-08763	147 - 223	06/10/69 - 06/15/69
		D-08764	224 - 340	06/15/69 - 06/26/69
		D-08765	341 - 456	06/29/69 - 07/06/69
		D-08766	457 - 582	07/06/69 - 07/16/69
		D-08767	583 - 695	07/16/69 - 07/24/69
DR03081	DS03081	D-08768	1 - 101	07/24/69 - 08/02/69
		D-08770	102 - 219	08/01/69 - 08/09/69
		D-08769	220 - 349	08/09/69 - 08/22/69
DR03082	DS03082	D-08771	1 - 166	08/22/69 - 09/07/69
		D-08772	167 - 241	09/07/69 - 09/12/69
		D-08733	242 - 367	09/12/69 - 09/22/69
		D-08744	368 - 468	09/22/69 - 10/01/69
		D-08775	469 - 592	10/02/69 - 10/13/69
		D-08776	593 - 686	10/13/69 - 10/21/69
DR03083	DS03083	D-08777	1 - 64	10/21/69 - 10/26/69
		D-08778	65 - 179	10/26/69 - 11/04/69
		D-08779	180 - 240	11/04/69 - 11/09/69
		D-08780	241 - 321	11/09/69 - 11/16/69

		D-08781	322 - 396	11/16/69 - 11/17/69
		D-08782	397 - 463	11/21/69 - 11/26/69
		D-08783	464 - 557	11/26/69 - 12/08/69
		D-08784	558 - 677	12/09/69 - 12/17/69
DR03084	DS03084	D-08785	1 - 64	12/17/69 - 12/23/69
		D-08786	65 - 178	12/25/69 - 01/02/70
		D-08787	179 - 463	01/02/70 - 01/31/70
		D-08789	464 - 633	03/18/70 - 04/05/70
		D-08790	634 - 784	04/06/70 - 04/20/70

REQ. AGENT
ROP

RAND #
RB0246

ACQ. AGENT
DJH

OGO-5

ELECTRON FLUX

68-014A-13A

This data set consist of 89 tapes. The tapes are 800 BPI, Binary 9 track, and multi-filed. The rest of this data set catalog is on microfilm, the number of the catalog is #152.

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-06089	C-05285	44	11/14/68 - 11/21/68
D-06090	C-05286	65	11/09/68 - 11/14/68
D-06091	C-05287	46	11/04/68 - 11/10/68
D-06092	C-05288	89	10/09/68 - 10/16/68
D-06093	C-05289	90	10/22/68 - 10/29/68
D-06094	C-05290	68	11/22/68 - 11/27/68
D-06095	C-05291	93	11/27/68 - 12/05/68
D-06096	C-05292	78	10/29/68 - 11/04/68
D-06097	C-05293	65	07/10/68 - 07/17/68
D-06098	C-07962	57	06/17/68 - 06/21/68
D-06099	C-05294	71	04/20/68 - 04/25/68
D-06100	C-07963	89	09/27/68 - 10/01/68
D-06101	C-05295	85	06/11/68 - 06/17/68
D-06103	C-05296	118	03/16/68 - 03/20/68
D-06104	C-05297	58	03/22/68 - 03/25/68
D-06105	C-05298	146	03/11/68 - 03/14/68
D-06106	C-05299	90	09/07/68 - 09.13/68
D-06107	C-05300	86	09/13/68 - 09/18/68
D-06108	C-05301	83	07/02/68 - 07/10/68
D-06109	C-05302	70	06/27/68 - 07/02/68
D-06110	C-05303	65	06/22/68 - 06/27/68
D-06111	C-05304	52	07/25/68 - 07/28/68
D-06112	C-05305	50	07/17/68 - 07/23/68
D-06113	C-05306	65	04/12/68 - 04/17/68
D-06114	C-05307	76	05/31/68 - 06/06/68
D-06115	C-05308	78	06/06/68 - 06/11/68
D-06116	C-05309	65	04/25/68 - 04/30/68
D-06117	C-05310	54	09/01/68 - 09/05/68
D-06118	C-07964	44	05/13/68 - 05/16/68
D-06119	C-05311	70	05/07/68 - 05/13/68
D-06120	C-07965	75	05/16/68 - 05/21/68
D-06121	C-07966	69	10/16/68 - 10/22/68
D-06122	C-07967	78	04/30/68 - 05/07/68
D-06123	C-05312	88	08/15/68 - 08/23/68
D-06124	C-07968	68	08/23/68 - 08/28/68
→ D-06125	C-23371	50	08/28/68 - 09/01/68
D-06126	C-05313	85	07/28/68 - 08/04/68

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-06127	C-05314	62	05/26/68 - 05/31/68
D-06128	C-05315	77	05/21/68 - 05/26/68
D-06129	C-07969	85	04/04/68 - 04/12/68
D-06130	C-05316	52	04/02/68 - 04/04/68
D-06131	C-07970	48	04/17/68 - 04/20/68
D-06132	C-05317	64	03/25/68 - 03/28/68
D-06133	C-05318	67	03/28/68 - 04/02/68
D-06134	C-05319	172	03/08/68 - 03/11/68
D-06135	C-05320	68	08/04/68 - 08/10/64
D-06136	C-05321	66	08/10/68 - 08/15/68
D-06137	C-05322	115	03/14/68 - 03/16/68
D-06138	C-05323	93	03/20/68 - 03/22/68
D-06139	C-05324	77	10/01/68 - 10/09/68
D-06140	C-05325	67	09/18/68 - 09/23/68
D-06141	C-05326	65	12/05/68 - 12/10/68
D-06142	C-05327	100	12/10/68 - 12/18/68
D-06143	C-07971	70	12/18/68 - 12/23/68
D-06144	C-07972	125	03/05/68 - 03/07/68
D-06145	C-05328	99	12/23/68 - 01/01/69
D-06146	C-05329	3	01/01/69 - 01/01/69
D-08757	C-06992	100	04/09/69 - 04/28/69
D-08758	C-06993	81	04/27/69 - 05/11/69
D-08759	C-06994	117	05/03/69 - 05/13/69
D-08761	C-06996	92	05/22/69 - 05/28/69
D-08762	C-06997	146	05/28/69 - 06/13/69
D-08763	C-06998	77	06/10/69 - 06/15/69
D-08764	C-06999	117	06/15/69 - 06/26/69
D-08765	C-11371	116	06/29/69 - 07/06/69
D-08766	C-07001	126	07/06/69 - 07/16/69
D-08767	C-07002	113	07/16/69 - 07/24/69
D-08768	C-07003	101	07/24/69 - 08/02/69
D-08769	C-11372	130	08/09/69 - 08/22/69
D-08770	C-11373	118	08/01/69 - 08/09/69
D-08771	C-07006	166	08/22/69 - 09/07/69
D-08772	C-07007	75	09/07/69 - 09/12/69
D-08773	C-07008	126	09/12/69 - 09/22/69
D-08774	C-07009	101	09/22/69 - 10/01/69
D-08775	C-07010	124	10/02/69 - 10/13/69
D-08776	C-07011	74	10/13/69 - 10/21/69
D-08777	C-11374	64	10/21/69 - 10/26/69
D-08778	C-07013	115	10/26/69 - 11/04/69
D-08779	C-07014	60	11/04/69 - 11/09/69
D-08780	C-07015	81	11/09/69 - 11/16/69
D-08781	C-11375	75	11/16/69 - 11/17/69
D-08782	C-07017	68	11/21/69 - 11/26/69
D-08783	C-07018	137	11/26/69 - 12/08/69
D-08784	C-07019	120	12/09/69 - 12/17/69
D-08785	C-11376	64	12/17/69 - 12/23/69
D-08786	C-11377	114	12/25/69 - 01/02/70
D-08787	C-11378	285	01/02/70 - 01/31/70
D-08789	C-11379	170	03/18/70 - 04/05/70
D-08790	C-11380	151	04/06/70 - 04/20/70

MAY 18 1971

OGO/E E-13 PRIMARY DATA BASE

DATA FORMAT

120 Byte / rec

BYTE	REPRESENTATION
------	----------------

1-2	Temp. Sensor #1
3-4	" " #5
5-6	" " #6
7-8	" Electronics
9-12	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	1	DEC70DC5	4A4CF6F8	40F156F1	40FCF740	F0FCFF0D	4A404040	4A404040	40404040	40404040	40F06F5	4A404040	4A404040
2	47	4147A4A3	4A4A4A4A	4A4A4A4A	4A4A4A4A	4A4A4A4A	4A4A4A4A	4A4A4A4A	4A4A4A4A	4A4A4A4A	F0F6F540	F6F9F7F5	F54AFA03
3	80	F0F0F0F0	F0F0F0F0	F140F6F0	F2F740F0	F1404040	404040F0	F6F540F7	40404040	40F0F1F0	F0F2A3F3		
4	127	E73415EF	41330004	1A534640	C2A098EF	C5FE07FE	001305E0	4800C602	58F021A4	05FE58F0	C61207FF		
5	160	5890C622	41D02634	4510C336	7F000000	00260008	0111D2EC	0013A4A0	00141480	50510008	E071009C		
6	200	40010006	58F10008	58F0F0F0	05FE4110	C32258E0	1F0858F0	E03405EF	1B119101	20950788	34FE2095		
7	240	181958F0	105405EF	07F85870	20E44177	00050713	70007000	96C17000	96047005	96067008	9640700C		
8	280	0211700E	2015D201	70122119	02117010	212E0201	C6352019	4830C606	94FE2095	41000014	94FD2097		
9	320	91082015	4710C3C2	4580C316	18E718D3	41FC0100	18D0F4740	C30E6F0	44F0C5F6	4177010C	47F0C3CA		
10	360	1A0F0600	4400C5F6	187E1873	D2G07008	212C0200	700A2120	0200700C	212E0200	700E212F	92017009		
11	400	18D041E7	001458F0	20B841D0	00011AF0	41EE0004	D20E0000	F0009203	E0034900	209C4740	C40C9202		
12	440	771B9E01	20554581	C3365110	200C47F0	C0D44130	700248E0	214A58A0	21204175	00011847	89400003		
13	480	1A4A1A77	1A731A33	D7014004	400443D3	147D4070	C636D201	2023C606	41174000	D7071008	10004171		
14	520	00081A43	1A131B00	4500E140	4780E40E	9680C60C	583020D0	1803A000	21401930	47B0C4CE	91203002		
15	560	4710C4C6	48D30010	89D00003	5AD02120	9108D001	4710C4C6	47F0C504	9608D000	41330004	47F0C49C		
16	600	947FC60C	47F0C40E	94F7D000	47F0C558	183E18DA	41D00008	9108D000	4710C406	910A21C6	4780C514		
17	640	186D5860	21208860	000347F0	C5109104	21C64780	C5144863	00005A60	20F49102	00004710	C5589104		
18	680	21C64781	C52E0201	7000E000	47F0C532	920C7000	D2027001	000118F7	18F188F0	00024177	000418E0		
19	720	18E488E3	001240F4	E0009180	C6104710	C4C24650	C4E218DA	41D00008	18FF91C2	D0004780	C5929107		
20	760	D0004710	C5869103	D00047C0	C586A8ED	00061AE	48F4F000	18ED18EA	88E00002	40FAE000	4630C55E		
21	800	180718D1	40D0C606	D2012021	C6061837	1B349601	209541D0	03FC183D	47A0C5B8	1A034100	00041870		
22	840	5EA70000	50D70000	92177000	4580C516	50A70000	41770004	12114780	C5E65010	C606E202	2010C606		
23	880	12334720	C5AC47F0	C0DAD210	E0008000	C70C7000	70000000	80122458	003FE008	0049000C	00040000		
24	920	00118F78	00123F50	00125348	00123228	00110344	0011D2EC	35F04110	D40D4100	0001CA01	3120D400		
25	960	071041F0	000F1299	074E47F0	B7644133	30045A30	D4744833	00008930	00025A30	D47807FC	10195021		
26	1000	10104131	00144110	D4345421	00009200	10085031	000492FF	1009FA04	E8831000	50280000	07FC4113		
27	1040	0011801	4A430006	91F0D489	4780B674	48310000	45C08602	D203D47C	30004831	000245C0	B602D203		
28	1080	04803000	47F0B37A	D203D480	C47C4111	000491E0	10004770	BEFA5821	00005A20	0BF8F003	001C7080		
29	1120	09000000	000E0231	28001F82	0F312900	20820132	0087FF03	00407080	09000000	000E0231	29000483		
30	1160	11262700	39103926	27100826	2710081C	01100233	39004526	08262701	180F3129	03340301	100E3125		
31	1200	00140732	0087FF00	001E7084	14000000	00F00008	F0051C19	0A0C0EF8	F0020132	F8FD00F8	FF08002A		
32	1240	30293232	32323232	32323232	32323232	32323232	32323232	32081D0A	16321217	1D0E180F	0A0C0E00		
33	1280	11E7084	14000000	00F010F8	FD051C19	0A0C0EF8	FD020132	F8FD00F8	FF030018	70800900	00000033		
34	1320	39004526	08262701	183E044C	FF050013	70800900	00000031	29003403	32044CFF	00002A7C	8226E100		
35	1360	0600F0D0	F8FD0200	0CF82702	0A2F3900	45262702	3032F8FD	070D0C08	150E1809	F8F02000	0E70800A		
36	1400	00000000	F00451FF	00D01E70	8226E100	0000F0D0	F8FD0200	0CF8FC05	0F310031	32F8FD00	F8FF0300		
37	1440	26708009	00000000	0E023129	00148310	26270003	00352627	00082627	02081C01	320087FF	04001670		
38	1480	80060000	00002800	78003231	24000001	32FF0000	15708007	00000000	29005407	32312400	000132FF		
39	1520	03001870	80090000	00002627	0039003F	26270008	26270032	0456FF04	00197080	06000000	00280074		
40	1560	00323102	3739003F	260132FF	04002770	80070000	10002900	3436322E	27003500	3F260328	00780001		
41	1600	27000826	270031208	0C32FF13	00287080	C9000000	00262700	39003F26	03280078	00012700	09262700		
42	1640	100F3129	00340632	0458FF03	00187080	09000000	00312800	78000828	00740032	0456FF04	00137080		
43	1680	06000000	00280078	00323128	00780004	24000001	32FF0300	26708009	00000000	26270039	003F2603		
44	1720	26070800	01270009	2627000C	171D1815	320460FF	14001670	80070000	00002900	3F260328	00780001		
45	1760	32FF0300	27708009	00000000	26270039	00352603	28007800	01270009	26270010	31290034	07320458		
46	1800	FF030018	70800000	00000031	28007800	08280074	00320456	FF040018	70800600	00000028	00780032		
47	1840	31280078	00042400	000132FF	04002570	80070000	00002900	7C003226	27003500	3F260328	00780001		
48	1880	27000826	270010832	FF030018	70800900	00000026	27003500	3F260328	00780001	27000526	27010A10		
49	1920	26270039	003F2603	28007800	01270009	26270010	0E312900	7C003204	7C003204	58FF0300	18708009		
50	1960	31280078	00082800	74003234	56FF0400	18708006	00000000	28007800	31280078	78000400	00000000		

2600	80E00000	00000000	F8FD516	17181D0E	F8233001	12283129	29293232	12118B70	00023232	12118B70	F000F8F
2640	15120032	0018000E	3218191E	180A170D	321C190E	0C120F12	3E0D2839	003E2627	023139F8	00000000	00000000
2680	070004FF	FE322627	00390028	26270032	FE02C00E	70800A00	000000FD	02F8F05	00117000	00C00000	00000000
2720	000026F8	17270032	0B016170	00000000	0000F818	24000084	27030108	00280B00	18700000	00000000	00000000
2760	F818F8A0	EBB42713	27061618	17001522	28080015	71000000	000000F8	18240000	0F270201	05320C00	00000000
2800	04000300	1E798009	00000000	26270039	00C22627	00092627	03220E1C	32030CFE	04001670	80070000	00000000
2840	00002911	34C43231	24000001	32FF0400	16708007	00000000	26270039	002C2627	00082627	0217180F	3339002C
2880	81C40000	0000FD03	11FF0300	287C8009	00000000	00000000	0026F817	270C3208	00167000	00000000	00F81824
2920	26782627	01183203	16FF0500	11700000	00000000	00000000	0026F817	270C3208	00167000	00000000	00000000
2960	0000B427	03010800	28080018	7C000000	00000000	00000000	18FA00F5	B4270327	0320181E	29080017	70000000
3000	000000FB	18FA0302	B4270327	02171832	00C00000	03002870	80090000	00002627	0039002D	26270008	00000000
3040	26270217	180F3339	002D2608	26270118	320311FF	03001E70	80090000	00002627	0039002D	26270009	00000000
3080	26270322	0E1C3203	18FF0400	16708007	00000000	290033405	32312400	000032FF	02000E70	90A00000	00000000
3120	0000FD03	11FF0500	11700000	00000000	0026F817	270033208	00167000	00000000	00F81824	0000B427	00000000
3160	03010800	28080018	70000000	00000000	18FA00FF	B4270327	03120A16	28080017	70000000	00000000	00000000
3200	18FA0302	B4270327	02171832	00C00000	03002970	80090000	00002627	0039002E	26082400	00053203	00000000
3240	181E0F33	39002E26	08262701	18320320	FF030019	70800900	00000031	002E2627	002D2400	00052E24	00000000
3280	25FF0300	35708009	00000000	31383900	2E260924	0000070F	2C270039	002E2627	002D2400	00052E24	00000000
3320	0000032F	09262703	110F3132	032AFF03	00287000	00000000	002C2700	39002E26	27002024	0000012E	00000000
3360	24000002	2F092627	02213132	032AFF03	00417080	00000000	002C2700	39002E26	27002024	0000032E	00000000
3400	24000001	2F092627	0102102C	27003900	2E262700	2D240000	032E2400	00012F09	26270103	32032AF	00000000
3440	04002570	80000000	00002A00	3E00322C	27003900	2E262700	2D240000	032E2400	00022F32	FE02000E	00000000
3480	70800A00	000000FD	0320FF05	00117000	00000000	000026F8	17270032	0B001670	00000000	0000F818	00000000
3520	24000084	27030108	00280B00	18700000	00000000	F818AC01	00842763	27030E19	16280800	18700000	00000000
3560	00000001	F818FA00	F5B42703	27032918	1E320C00	04000300	2A70E009	00000000	26270039	002F2627	00000000
3600	00002627	04020E18	160F3339	002F2608	26270118	3E132EFF	03001E70	80090000	00003138	39002F26	00000000
3640	09240000	07320334	FF030044	70800900	0000002C	27003900	2F262700	2D240000	012E2400	00022F09	00000000
3680	26270221	310F2C27	0039002F	2627002D	24000005	2E240000	032F0926	2703010F	31320334	FE030041	00000000
3720	70800A00	0000002C	27003900	2F262700	2D240000	00012F09	26270102	102C2700	39002F26	00000000	00000000
3760	27002024	0000032E	24000001	2F092627	01033203	34FF0400	25708008	00000000	2A004700	322C2700	00000000
3800	35002F26	27002024	0000032E	24000002	2F320F02	000E7080	0A000000	00FD032F	FF050011	70000000	00000000
3840	00000001	26F81727	00324800	16700000	00000000	F8182400	00842703	0108002B	08001870	00000000	00000000
3880	0000F818	FA010E84	27332713	0E181028	08001370	00000000	0000F816	2704020E	1816320C	00040009	00000000
3920	0004FF00	00397082	26F10000	00FD0009	FD02000C	F8270508	15013100	29003404	29003405	27070000	00000000
3960	00000031	32F8FD0A	201D1D0A	320F150A	101CF8FF	000003570	8226E100	0000FD00	F8FD0200	00F82702	00000000
4000	21312A00	3E042702	3132F8FD	12201D1D	0A320E18	16320C11	0A180A0C	100E18F8	FF000035	70822E01	00000000
4040	000000FD	00F8FD02	000F827	0221312A	00470027	023132F8	FD122C1D	1D0A320E	181D320C	110A180A	00000000
4080	001D0E18	F8FF0000									

FILE	INPUT	DATA RECORDS	MAX. SIZE	READ ERROR SUMMARY	INPUT RETRIES
RECS.	INPUT			PERM ZERO B SHRT UNDEF.	#RECS. TOTAL#
1	2		4088	0 0 0	1 0

E0J DUMP STOPPED AFTER FILE 1 # OF PERMANENT READ ERRORS 0
 START TIME 03/12/92 15:49:01 STOP TIME 03/12/92 15:49:33

6/22/69-7/66/69

116 files
6/29/69-7/26/69
120 BYTE HEADER

[illegible]

REC 2

[illegible]

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REC 5, LENGTH 4088