



#427

IMP-I

COUNT RATES ON ARCHIVE TAPES

71-019A-07A

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

IMP-I

COUNT RATES ON ARCHIVE TAPES

71-019A-07A SPHE-00013

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY THERE WERE 106 9-TRACK, 800 BPI TAPES WRITTEN IN BINARY. THE ORIGINAL TAPES WERE STANDARD LABELLED AND CONTAINED 6 FILES EACH, JUST THE DATA FILES WERE RESTORED. TWO OF THESE TAPES WERE BAD, D15666 AND D23980. THERE MAY HAVE BEEN SOME RECORDS LOST ON SOME OF THE ORIGINAL TAPES DUE TO READ ERRORS, BUT THEY WERE NOT NOTED. THERE ARE SEVEN RESTORED TAPES. THE ORIGINAL TAPES WERE CREATED ON AN IBM 360 COMPUTER. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBERS AND THE TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR02913	DS02913	D15664	1-2	03/14/71 - 03/17/71
		D15665	3-4	03/17/71 - 03/21/71
		D15667	5-6	03/26/71 - 03/30/71
		D15668	7-8	03/30/71 - 04/03/71
		D15669	9-10	04/03/71 - 04/07/71
		D15670	11-12	04/07/71 - 04/11/71
		D15671	13-14	04/11/71 - 04/15/71
		D15672	15-16	04/15/71 - 04/20/71
		D16652	17-18	04/24/71 - 04/27/71
		D16653	19-20	04/27/71 - 05/01/71
		D16654	21-22	05/01/71 - 05/05/71
		D16655	23-24	05/06/71 - 05/10/71
		D16656	25-26	05/10/71 - 05/14/71
		D16657	27-28	05/14/71 - 05/18/71
		D16658	29-30	05/19/71 - 05/22/71
		D16659	31-32	05/23/71 - 05/26/71
		D16660	33-34	05/27/71 - 05/30/71
		D17079	35-36	06/04/71 - 06/07/71

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DR#	DS#	D#	FILES	TIME SPAN
DR02914	DS02914	D17080	1-2	06/08/71 - 06/12/71
		D17081	3-4	06/12/71 - 06/16/71
		D17082	5-6	06/17/71 - 06/20/71
		D17083	7-8	06/21/71 - 06/24/71
		D17084	9-10	06/25/71 - 06/28/71
		D17085	11-12	06/29/71 - 07/02/71
		D17086	13-14	07/03/71 - 07/07/71
		D17087	15-16	07/07/71 - 07/11/71
		D17088	17-18	07/12/71 - 07/15/71
		D17926	19-20	07/16/71 - 07/19/71
		D17922	21-22	07/20/71 - 07/23/71
		D17923	23-24	07/24/71 - 07/28/71
		D17924	25-26	07/28/71 - 08/01/71
		D17925	27-28	08/01/71 - 08/05/71
		D17920	29-30	08/05/71 - 08/09/71
		D17921	31-32	08/09/71 - 08/13/71
		D17927	33-34	08/14/71 - 08/18/71
DR02915	DS02915	D17928	1-2	08/18/71 - 08/21/71
		D17929	3-4	08/22/71 - 08/26/71
		D19056	5-6	08/26/71 - 08/29/71
		D19057	7-8	08/30/71 - 09/03/71
		D19058	9-10	09/03/71 - 09/07/71
		D19059	11-12	09/07/71 - 09/10/71
		D19060	13-14	09/12/71 - 09/15/71
		D19061	15-16	09/15/71 - 09/18/71
		D19062	17-18	09/20/71 - 09/23/71
		D19063	19-20	09/24/71 - 09/28/71
		D19064	21-22	09/28/71 - 10/02/71
		D19065	23-24	10/02/71 - 10/07/71
		D19786	25-26	10/05/71 - 10/09/71
		D19779	27-28	10/07/71 - 10/10/71
		D19787	29-30	10/09/71 - 10/13/71
		D19780	31-32	10/11/71 - 10/15/71
		D19788	33-34	10/13/71 - 10/16/71
DR02916	DS02916	D19784	1-2	10/19/71 - 10/23/71
		D19783	3-4	10/23/71 - 10/27/71
		D19782	5-6	10/27/71 - 10/31/71
		D19785	7-8	10/31/71 - 11/05/71
		D22051	9-10	11/17/71 - 11/20/71
		D22047	11-12	11/21/71 - 11/25/71
		D22050	13-14	11/25/71 - 11/30/71
		D22052	15-16	11/30/71 - 12/04/71
		D22053	17-18	12/04/71 - 12/08/71
		D22049	19-20	12/08/71 - 12/11/71
		D22048	21-22	12/12/71 - 12/16/71
		D22044	23-24	12/16/71 - 12/20/71
		D22045	25-26	12/20/71 - 12/24/71
		D22046	27-28	12/24/71 - 12/29/71
		D22986	29-30	12/29/71 - 01/01/72
		D22987	31-32	01/02/72 - 01/05/72
		D22988	33	01/06/72 - 01/09/72

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DR#	DS#	D#	FILES	TIME SPAN
DR02917	DS02917	D22988	1	01/06/72 - 01/09/72
		D22989	2-3	01/10/72 - 01/14/72
		D22990	4-5	01/18/72 - 01/22/72
		D22991	6-7	01/22/72 - 01/27/72
		D22992	8-9	01/27/72 - 01/30/72
		D22993	10-11	01/31/72 - 02/04/72
		D22994	12-13	02/04/72 - 02/07/72
		D22977	14-15	02/08/72 - 02/11/72
		D22978	16-17	02/12/72 - 02/16/72
		D22979	18-19	02/16/72 - 02/20/72
		D22980	20-21	02/25/72 - 02/29/72
		D22981	22-23	02/29/72 - 03/03/72
		D22982	24-25	03/04/72 - 03/08/72
		D22983	26-27	03/08/72 - 03/11/72
		D22984	28-29	03/12/72 - 03/16/72
		D29985	30-31	03/16/72 - 03/20/72
		D23964	32-33	03/21/72 - 03/24/72
		D23965	34-35	03/25/72 - 03/28/72
DR02918	DS02918	D23966	1-2	03/29/72 - 04/01/72
		D23967	3-4	04/02/72 - 04/05/72
		D23968	5-6	04/06/72 - 04/10/72
		D23969	7-8	04/10/72 - 04/16/72
		D23970	9-10	04/16/72 - 04/18/72
		D23971	11-12	04/19/72 - 04/23/72
		D23972	13-14	04/23/72 - 04/26/72
		D23973	15-16	04/27/72 - 04/30/72
		D23974	17-18	05/01/72 - 05/04/72
		D23975	19-20	05/05/72 - 05/09/72
		D23976	21-22	05/09/72 - 05/13/72
		D23977	23-24	05/14/72 - 05/18/72
		D23978	25-26	05/18/72 - 05/21/72
		D23979	27-28	05/22/72 - 05/26/72
		D23981	29-30	05/30/72 - 06/03/72
		D23982	31-32	06/03/72 - 06/07/72
DR02919	DS02919	D19781	1-2	10/15/71 - 10/18/71
		D23983	3-4	06/08/72 - 06/11/72

Req. Agent
CLB
WKD

RAND No.
RC 0541

Acq. Agent
JHK

IMP-I

COUNT RATES ON ARCHIVE TAPES

71-019A-07A

This data set consists of 106 IMP-I Count Rates on Archive Tapes. The D# tapes are 9 TRK, BIN, 800 BPI, Standard Label tapes, with 2 data files (6 files total). The C# tapes are 7 TRK, BIN, 800 BPI, Standard Label tapes, with 2 data files (6 files total). The tapes were written on an IBM 360 computer.

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-15664	C-11846	3/14/71 - 3/17/71
D-15665	C-11847	3/17/71 - 3/22/71
D-15666	C-11848	3/22/71 - 3/26/71
D-15667	C-11849	3/26/71 - 3/30/71
D-15668	C-11850	3/30/71 - 4/03/71
D-15669	C-11851	4/03/71 - 4/07/71
D-15670	C-11852	4/07/71 - 4/11/71
D-15671	C-11853	4/11/71 - 4/15/71
D-15672	C-11854	4/15/71 - 4/20/71
D-16652	C-12680	4/24/71 - 4/27/71
D-16653	C-12681	4/27/71 - 5/01/71
D-16654	C-12682	5/02/71 - 5/05/71
D-16655	C-12683	5/06/71 - 5/10/71
D-16656	C-12684	5/10/71 - 5/14/71
D-16657	C-12685	5/14/71 - 5/18/71
D-16658	C-12685	5/19/71 - 5/22/71
D-16659	C-12687	5/23/71 - 5/26/71
D-16660	C-12688	5/27/71 - 5/30/71
D-17079	C-13254	6/04/71 - 6/07/71
D-17080	C-13255	6/08/71 - 6/12/71
D-17081	C-13256	6/12/71 - 6/16/71
D-17082	C-13257	6/17/71 - 6/20/71

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-17083	C-13258	6/21/71 - 6/24/71
D-17084	C-13259	6/25/71 - 6/28/71
D-17085	C-13260	6/29/71 - 7/02/71
D-17086	C-13261	7/03/71 - 7/07/71
D-17087	C-13262	7/07/71 - 7/11/71
D-17088	C-13263	7/12/71 - 7/15/71
D-17920	C-14299	8/05/71 - 8/09/71
D-17921	C-14300	8/09/71 - 8/13/71
D-17922	C-14301	7/20/71 - 7/23/71
D-17923	C-14302	7/24/71 - 7/28/71
D-17924	C-14303	7/28/71 - 8/01/71
D-17925	C-14304	8/01/71 - 8/05/71
D-17926	C-14305	7/16/71 - 7/19/71
D-17927	C-14306	8/14/71 - 8/18/71
D-17928	C-14307	8/18/71 - 8/21/71
D-17929	C-14308	8/22/71 - 8/26/71
D-19056	C-15098	8/26/71 - 8/29/71
D-19057	C-15099	8/30/71 - 9/03/71
D-19058	C-15100	9/03/71 - 9/07/71
D-19059	C-15101	9/07/71 - 9/10/71
D-19060	C-15102	9/12/71 - 9/15/71
D-19061	C-15103	9/15/71 - 9/18/71
D-19062	C-15104	9/20/71 - 9/23/71
D-19063	C-15105	9/24/71 - 9/28/71
D-19064	C-15106	9/28/71 - 10/02/71
D-19065	C-15107	10/02/71 - 10/07/71
D-19779	C-15988	10/07/71 - 10/10/71
D-19780	C-15989	10/11/71 - 10/15/71

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-19781	C-15990	10/15/71 - 10/18/71
D-19782	C-15991	10/27/71 - 10/31/71
D-19783	C-15992	10/23/71 - 10/27/71
D-19784	C-15993	10/19/71 - 10/23/71
D-19785	C-15994	10/31/71 - 11/05/71
D-19786	C-15995	11/05/71 - 11/09/71
D-19787	C-15996	11/09/71 - 11/13/71
D-19788	C-15997	11/13/71 - 11/16/71
D-22044	C-16847	12/16/71 - 12/20/71
D-22045	C-16848	12/20/71 - 12/24/71
D-22046	C-16849	12/24/71 - 12/29/71
D-22047	C-16850	11/21/71 - 11/25/71
D-22048	C-16851	12/12/71 - 12/16/71
D-22049	C-16852	12/08/71 - 12/11/71
D-22050	C-16853	11/25/71 - 11/30/71
D-22051	C-16854	11/17/71 - 11/20/71
D-22052	C-16855	11/30/71 - 12/04/71
D-22053	C-16856	12/04/71 - 12/08/71
D-22977	C-17439	2/08/72 - 2/11/72
D-22978	C-17440	2/12/72 - 2/16/72
D-22979	C-17441	2/16/72 - 2/20/72
D-22980	C-17442	2/25/72 - 2/29/72
D-22981	C-17443	2/29/72 - 3/03/72
D-22982	C-17444	3/04/72 - 3/08/72
D-22983	C-17445	2/08/72 - 3/11/72
D-22984	C-17446	3/12/72 - 3/16/72
D-22985	C-17447	3/16/72 - 3/20/72
D-22986	C-17448	12/29/71 - 1/01/72

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-22987	C-17449	01/02/72 - 01/05/72
D-22988	C-17450	01/06/72 - 01/09/72
D-22989	C-17451	01/10/72 - 01/14/72
D-22990	C-17452	01/18/72 - 01/22/72
D-22991	C-17453	01/22/72 - 01/27/72
D-22992	C-17454	01/27/72 - 01/30/72
D-22993	C-17455	01/03/72 - 02/04/72
D-22994	C-17456	02/04/72 - 02/07/72
D-23964	C-17941	03/21/72 - 03/24/72
D-23965	C-17942	03/25/72 - 03/28/72
D-23966	C-17943	03/29/72 - 04/01/72
D-23967	C-17944	04/02/72 - 04/05/72
D-23968	C-17945	04/06/72 - 04/10/72
D-23969	C-17946	04/10/72 - 04/16/72
D-23970	C-17947	04/16/72 - 04/18/72
D-23971	C-17948	04/19/72 - 04/23/72
D-23972	C-17949	04/23/72 - 04/26/72
D-23973	C-17950	04/27/72 - 04/30/72
D-23974	C-17951	05/01/72 - 05/04/72
D-23975	C-17952	05/05/72 - 05/09/72
D-23976	C-17953	05/09/72 - 05/13/72
D-23977	C-17954	05/14/72 - 05/18/72
D-23978	C-17955	05/18/72 - 05/21/72
D-23979	C-17956	05/26/72 - 05/29/72
D-23980	C-17957	05/30/72 - 06/03/72
D-23981	C-17958	05/30/72 - 06/03/72
D-23982	C-17959	06/03/72 - 06/07/72
D-23983	C-17960	06/08/72 - 06/11/72

APPENDIX 2
Data Record Format

71-019A-07A

<u>ITEM</u>	<u>TYPE</u>	<u>RELATIVE BYTE LOCATIONS</u>	<u>BYTE SIZE</u>	<u>IDENTIFICATION</u>
1- 4	Integer	1- 8	2	Year, pages 0-3
5- 8	Integer	9- 16	2	Day, pages 0-3
9- 12	Integer	17- 32	4	Milliseconds, pages 0-3
13	Real	33- 36	4	Channel 1, counting rate, page 0
14	Real	37- 40	4	Channel 2, counting rate, page 0
15	Real	41- 44	4	Channel 3, counting rate, page 0
16	Real	45- 48	4	Channel 41, counting rate, page 0
17	Real	49- 52	4	Channel 42, counting rate, page 0
18	Real	53- 56	4	Channel 43, counting rate, page 0
19	Real	57- 60	4	Channel 1, counting rate, page 0
20	Real	61- 64	4	Channel 2, counting rate, page 0
21	Real	65- 68	4	Channel 3, counting rate, page 0
22	Real	69- 72	4	Channel 41, counting rate, page 0
23	Real	73- 76	4	Channel 42, counting rate, page 0
24	Real	77- 80	4	Channel 43, counting rate, page 0
25- 36	Real	81- 128	4	Repeat of 13-24, page 1
37- 48	Real	129- 176	4	Repeat of 13-24, page 2
49- 60	Real	177- 224	4	Repeat of 13-24, page 3
61-108	Real	225- 416	4	Uncertainties corresponding to items 13-60
109-156	Integer	417- 464	1	Quality flags corresponding to items 13-60
157-164	Real	465- 496	4	Channel 41s counting rate, sectors 0-7, page 0
165	Real	497- 500	4	Channel 41s sector average, page 0
166-174	Real	501- 536	4	Repeat of 157-165 for channel 42s

<u>ITEM</u>	<u>TYPE</u>	RELATIVE BYTE <u>LOCATIONS</u>	<u>BYTE SIZE</u>	<u>IDENTIFICATION</u>
175-183	Real	537- 572	4	Repeat of 157-165 for channel 44s
184-192	Real	573- 608	4	Repeat of 157-165 for channel 5s
193-228	Real	609- 752	4	Repeat of 157-192 for page 1*
229-264	Real	753- 896	4	Repeat of 157-192 for page 2*
265-300	Real	897-1040	4	Repeat of 157-192 for page 3*

- * At high bit rate (used virtually all the time), one set of sectorized rates is obtained every 4 pages; these rates are given in words 157-192 and are repeated in words 193-300. At low bit rate, one set of sectorized rates is obtained per page.

KEPT
KEPT

KEPT
KEPT
KEPT
KEPT

STEP TIME = -20 MINS=(C3)= -03.10= -18)

4-56, TAPE=00, GEL=00, OTHR=16

D-23964

C-17941

T5/65

3/21/72 - 3/24/72

2

07B40051
02E9FCA8

07B40051	00B37180
0097CD99	00165A49
0098D063	00988DA*0
51455E5D	437A756C
43A3E2EA	41790005
42AA9E97	41790005
4E1411F8	4A74AD26
419C02AB	41B8960B
416686E1	406A000A
4269C337	42500C5C
419D033D	41B5E047
4166E864	407A7985
00000000	00000000
4466397D	445EAB7F
42BD2499	423A80AE
00000000	00000000
4339C7DE	433AE8D9
4445339E	444055B3
4289AE46	421F4A1E
00000000	4224805E

0000002A	3F196B62	00000029	41107870	00000029	00000000	00B40000	07B40054	00030018	00000005
427AB829	4153AB39	4527DD7D	452635C0	44B334CD	C41F1F7A	452635C0	44B17DAE	4427C157	42109188
4219E9AF	3D13A7R0	4110BE8B	41118486	4219A594	415C58B5	41C9398B	42600000	C24370A3	4250C000
41600726	0000015F	416853BA	0000015F	407D123B	0000015F	405851AF	0000015F	3F68D7E4	0000015F
3E223023	0000015F	40586D76	0000002B	40139211	0000002B	3F10A9C7	0000002B	411083DA	0000002B
00000000	00B40000	07B40054	00030018	00000006	426C5982	414A86FF	4527147F	452558C9	44B3590C
C4270229	452558C9	44B61839	4416E75D	421111D2	42197D16	3D14F04F	4110F9E2	4112669F	42192713
41597876	41C9372D	42600000	C24370A3	4250C000	416E2242	0000015A	4167F4C0	0000015A	406F458C
0000015A	40720470	0000015A	3F8F5A45	0000015A	3F196EFB	0000015A	4071082A	0000002A	4019C91B
0000002A	3F129D56	0000002A	411145EC	0000002A	00000000	00B40000	07B40054	00030018	00000007
425E01C1	4140FD74	4526415A	452475C9	44B34573	C42ED838	452475C9	44B92F25	4369B040	42119F46
4218FAD1	3D16509F	411107A0	411321FC	4218A205	416C46CF	41C9372D	42600000	C24370A3	4250C000
416E3A02	0000015F	41670687	00000159	40801D4E	00000159	408A42CA	00000159	3F9DAE61	00000159
3E94D65A	00000158	4089F135	0000002B	4017C377	0000002B	3F153518	0000002B	4111CF94	0000002B
00000000	00B40000	07B40054	00030018	00000008	424FB1C6	413702D4	452563AC	45238341	44B2FF7B
C4369F20	45238341	44BAF548	C385E0C9	42123ADE	42186289	3D17CC98	4110E548	4113E7AE	421816DD
416522C8	41C9372D	42600000	C24370A3	4250C000	416DE8CB	0000015F	41686167	0000015F	4079CB7D
0000015F	406491D0	0000015F	3F6448EF	0000015F	3E48EF3D	0000015F	4066E8D6	0000002B	4015046F
0000002B	3F13B052	0000002B	4111D87F	0000002B	00000000	00B40000	07B40054	00030018	00000009
42416A91	412C8973	45247B06	452283A6	44B27A29	C43E4FDC	452283A6	44BBD372	C4156865	4212E5BA
4217BA0D	3D19707D	4110A309	411488C1	42178561	41568A0A	41C9372D	42600000	C24370A3	4250C000
416F3128	00000158	416803F1	00000158	407DDF42	00000158	40605DC4	00000158	3F4F11DC	00000158
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RECORD 5 OF FILE 5
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