



#363

IMP-H

MERGED COSMIC AVERAGES

72-073A-08D



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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

COSMIC AVERAGES

72-073A-08D

SPMS-00122

THIS DATA SET HAS BEEN RESTORED. THERE WERE ORIGINALLY 64 7-TRACK, 556 BPI TAPES WRITTEN IN BCD. THERE ARE TWO RESTORED TAPES, WRITTEN IN EBCDIC, WHERE THE DATA WAS PACKED DURING THE RESTORATION PROCESS. THE DR AND DS TAPES ARE 9-TRACK, 6250 BPI. THE ORIGINAL TAPES WERE CREATED ON AN IBM 7094 COMPUTER. THE DR AND DS NUMBERS ALONG WITH THE CORRESPONDING D NUMBERS AND TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR000836	DS000836	D017708	1	09/28/72 - 10/12/72
		D017709	2	10/12/72 - 10/26/72
		D017710	3	10/26/72 - 11/09/72
		D017711	4	11/09/72 - 11/22/72
		D017712	5	11/22/72 - 12/06/72
		D017713	6	12/06/72 - 12/20/72
		D017714	7	12/20/72 - 01/03/73
		D017715	8	01/03/73 - 01/17/73
		D017716	9	01/17/73 - 01/30/73
		D017717	10	01/30/73 - 02/12/73
		D017718	11	02/12/73 - 02/26/73
		D017719	12	02/26/73 - 03/11/73
		D017720	13	03/11/73 - 03/24/73
		D017721	14	03/24/73 - 04/07/73
		D017722	15	04/07/73 - 04/20/73
		D017723	16	04/20/73 - 05/03/73
		D017724	17	05/03/73 - 05/17/73
		D017725	18	05/17/73 - 05/30/73
		D017726	19	05/30/73 - 06/12/73
		D017727	20	06/12/73 - 06/26/73
		D017728	21	06/26/73 - 07/09/73
		D020390	22	07/09/73 - 07/22/73
		D020391	23	07/22/73 - 08/05/73
		D020392	24	08/05/73 - 08/18/73
		D020393	25	08/18/73 - 08/31/73
		D020394	26	08/21/73 - 09/14/73
		D020395	27	09/14/73 - 09/27/73
		D020396	28	09/27/73 - 10/10/73
		D020397	29	10/10/73 - 10/24/73
		D020398	30	10/24/73 - 11/06/73
		D020399	31	11/06/73 - 11/20/73
		D020400	32	11/20/73 - 12/03/73
		D020401	33	12/03/73 - 12/16/73

72-073A-08D

DR#	DS#	D#	FILES	TIME SPAN
DR000836 con't.	DS000836	D020402	34	12/16/73 - 12/30/73
		D020403	35	12/30/73 - 01/12/74
		D022073	36	01/12/74 - 01/25/74
		D022074	37	01/25/74 - 02/08/74
		D022075	38	02/08/74 - 02/21/74
		D022076	39	02/21/74 - 03/06/74
		D022077	40	03/06/74 - 03/20/74
		D022078	41	03/20/74 - 04/02/74
		D022079	42	04/02/74 - 04/16/74
		D022080	43	04/16/74 - 04/29/74
		D022081	44	04/29/74 - 05/14/74
		D022082	45	05/14/74 - 05/27/74
		D022083	46	05/27/74 - 06/09/74
		D022084	47	06/09/74 - 06/23/74
		D022085	48	06/23/74 - 07/06/74
		D022086	49	07/06/74 - 07/19/74
		D022087	50	07/19/74 - 08/02/74
DR000837	DS000837	D022088	1	08/02/74 - 08/15/74
		D022089	2	08/15/74 - 08/28/74
		D022090	3	08/28/74 - 09/11/74 (a)
		D022091	4	09/11/74 - 09/24/74
		D022092	5	09/24/74 - 10/08/74
		D022564	6	10/08/74 - 10/21/74
		D022565	7	10/21/74 - 11/03/74
		D022566	8	11/03/74 - 11/17/74
		D022567	9	11/17/74 - 11/30/74
		D022568	10	11/30/74 - 12/13/74
		D022569	11	12/13/74 - 12/27/74
		D022570	12	12/27/74 - 01/09/75 (b)
		D022571	13	01/09/75 - 01/22/75
		D022572	14	01/22/75 - 01/25/75

(a) D022090 - Read errors occurred in records 1580 and 1592, File 1.

(b) D022570 - Read errors occurred in record 1070, File 1.

Req. Agent
WTJ

Rand No.
RC0174

Acq. Agent
CDW

IMP-H

COSMIC AVERAGES

72-073A-08D

This data set consists of 64 IMP-H cosmic merged data tapes that were created on an IBM 7094. Each tape is 7 track, BCD, 556BPI and contains one file of data. These data were extracted from IMP-H Archive Tapes of all Detectors (72-073A-08A).

The tapes contain time ordered merged cosmic data listing 10 minute, hourly, four hourly and daily averages for the different detectors, showing the average cycles/sec count, relative error and sample size for each sector. There are 30 pages of output for each day of data and each tape consists of an interger number of full pages of output, 61 lines of output per page and approximately 400 pages of output per tape. These data are also contained on microfilm, data set 72-073A-08C.

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-17708	C-13974	09/28/72 - 10/12/72
D-17709	C-13975	10/12/72 - 10/26/72
D-17710	C-13976	10/26/72 - 11/09/72
D-17711	C-13977	11/09/72 - 11/22/72
D-17712	C-13978	11/22/72 - 12/06/72
D-17713	C-13979	12/06/72 - 12/20/72
D-17714	C-13980	12/20/72 - 01/03/73
D-17715	C-13981	01/03/73 - 01/17/73
D-17716	C-13982	01/17/73 - 01/30/73
D-17717	C-13983	01/30/73 - 02/12/73
D-17718	C-13984	02/12/73 - 02/26/73
D-17719	C-13985	02/26/73 - 03/11/73
D-17720	C-13986	03/11/73 - 03/24/73
D-17721	C-13987	03/24/73 - 04/07/73
D-17722	C-13988	04/07/73 - 04/20/73
D-17723	C-13989	04/20/73 - 05/03/73
D-17724	C-13990	05/03/73 - 05/17/73
D-17725	C-13991	05/17/73 - 05/30/73
D-17726	C-13992	05/30/73 - 06/12/73
D-17727	C-13993	06/12/73 - 06/26/73
D-17728	C-13994	06/26/73 - 07/09/73
D-20390	C-16097	07/09/73 - 07/22/73
D-20391	C-16098	07/22/73 - 08/05/73
D-20392	C-16099	08/05/73 - 08/18/73
D-20393	C-16100	08/18/73 - 08/31/73
D-20394	C-16101	08/31/73 - 09/14/73
D-20395	C-16102	09/14/73 - 09/27/73

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-20396	C-16103	09/27/73 - 10/10/73
D-20397	C-16104	10/10/73 - 10/24/73
D-20398	C-16105	10/24/73 - 11/06/73
D-20399	C-16106	11/06/73 - 11/20/73
D-20400	C-16107	11/20/73 - 12/03/73
D-20401	C-16108	12/03/73 - 12/16/73
D-20402	C-16109	12/16/73 - 12/30/73
D-20403	C-18110	12/30/73 - 01/12/74
D-22073	C-16912	01/12/74 - 01/25/74
D-22074	C-16913	01/25/74 - 02/08/74
D-22075	C-16914	02/08/74 - 02/21/74
D-22076	C-16915	02/21/74 - 03/06/74
D-22077	C-16916	03/06/74 - 03/20/74
D-22078	C-16917	03/20/74 - 04/02/74
D-22079	C-16918	04/02/74 - 04/16/74
D-22080	C-16919	04/16/74 - 04/29/74
D-22081	C-16920	04/29/74 - 05/14/74
D-22082	C-16921	05/14/74 - 05/27/74
D-22083	C-16922	05/27/74 - 06/09/74
D-22084	C-16923	06/09/74 - 06/23/74
D-22085	C-16924	06/23/74 - 07/06/74
D-22086	C-16925	07/06/74 - 07/19/74
D-22087	C-16926	07/19/74 - 08/02/74
D-22088	C-16927	08/02/74 - 08/15/74
D-22089	C-16928	08/15/74 - 08/28/74
D-22090	C-16929	08/28/74 - 09/11/74
D-22091	C-16930	09/11/74 - 09/24/74

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-22092	C-16931	09/24/74 - 10/08/74
D-22564	C-17291	10/08/74 - 10/21/74
D-22565	C-17292	10/21/74 - 11/03/74
D-22566	C-17293	11/03/74 - 11/17/74
D-22567	C-17294	11/17/74 - 11/30/74
D-22568	C-17295	11/30/74 - 12/13/74
D-22569	C-17296	12/13/74 - 12/27/74
D-22570	C-17297	12/27/74 - 01/09/75
D-23571	C-17298	01/09/75 - 01/22/75
D-22572	C-17299	01/22/75 - 01/25/75

TEN MINUTE AVERAGES, 74/12/27 (DAY361) HOUR 6 - 7 74/12/16 SOFTWARE

E3 SECTOR AVERAGES (1 SAMPLE = 3*SPIN PERIOD(1.3025)/32 SEC.)

SEC.	00 - 10	10 - 20	20 - 30	30 - 40	40 - 50	50 - 60	RE1	RE2	RE3	RE4	RE5	RE6	-----SAMPLE SIZE-----					
1	1.26	5.46	4.68	1.26	4.91	3.28	70	31	35	70	33	40	13	15	14	13	15	15
2	5.26	5.85	2.73	5.46	2.92	3.28	33	31	44	31	44	40	14	14	15	15	14	15
3	6.01	1.64	1.75	6.01	4.37	2.92	33	31	44	31	44	40	15	15	14	15	15	14
4	1.26	3.51	1.64	7.02	0.55	3.82	70	40	57	28	99	37	13	14	15	14	15	15
5	3.78	3.28	4.09	0.00	1.09	2.18	40	40	37	00	70	50	13	15	14	13	15	15
6	2.34	1.17	0.55	4.91	1.17	4.37	49	70	99	33	70	35	14	14	15	15	14	15
7	2.18	4.37	3.51	3.28	2.73	3.51	49	70	99	33	70	35	15	15	14	15	15	14
8	3.15	1.75	2.73	2.34	1.09	1.09	44	57	44	50	70	70	13	14	15	14	15	15
9	2.52	3.82	4.09	3.78	1.09	1.09	50	37	37	40	70	70	13	15	14	13	15	15
10	1.75	2.92	1.64	2.73	4.68	2.73	57	44	57	44	35	44	14	14	15	15	14	15
11	2.18	1.09	2.92	2.73	1.09	1.75	57	44	57	44	35	44	15	15	14	15	15	14
12	1.26	2.34	3.28	2.92	2.18	2.18	70	49	40	44	49	50	13	14	15	14	15	15
13	2.52	1.64	0.58	1.26	2.18	2.18	50	57	99	70	49	49	13	15	14	13	15	15
14	0.00	2.92	1.64	1.64	1.75	1.09	00	44	57	57	57	70	14	14	15	15	14	15
15	2.18	3.82	2.92	3.28	2.73	1.17	00	44	57	57	57	70	15	15	14	15	15	14
16	1.26	2.34	3.82	2.34	0.55	0.55	70	50	37	50	99	99	13	14	15	14	15	15
17	1.26	2.18	2.34	4.41	3.28	1.64	70	49	50	37	40	57	13	15	14	13	15	15
18	5.85	1.17	2.73	4.91	2.34	5.46	31	70	44	33	49	31	14	14	15	15	14	15
19	252.08	724.77	911.44	1630.99	900.32	490.60	31	70	44	33	49	31	15	15	14	15	15	14
20	124.73	286.33	421.35	720.96	431.00	201.46	07	04	03	02	03	05	13	14	15	14	15	15
21	6.30	9.28	10.53	11.34	12.01	8.19	31	24	23	23	21	25	13	15	14	13	15	15
22	7.02	11.11	9.28	13.10	7.60	9.83	28	22	24	20	27	23	14	14	15	15	14	15
23	2.18	4.37	4.09	7.64	4.37	1.75	28	22	24	20	27	23	15	15	14	15	15	14
24	5.04	5.26	3.28	11.11	2.73	3.82	35	33	40	22	44	37	13	14	15	14	15	15
25	3.78	1.09	3.51	8.82	4.91	1.09	40	70	40	26	33	70	13	15	14	13	15	15
26	2.92	4.09	2.73	6.01	2.34	1.64	44	37	44	30	49	57	14	14	15	15	14	15
27	2.18	4.91	5.26	6.01	1.64	4.68	44	37	44	30	49	57	15	15	14	15	15	14
28	5.04	4.09	4.91	4.68	2.73	3.82	35	37	33	35	44	37	13	14	15	14	15	15
29	5.04	4.91	3.51	3.78	3.28	1.09	35	33	40	40	40	70	13	15	14	13	15	15
30	2.92	1.75	4.37	7.64	5.26	2.18	44	57	35	26	33	50	14	14	15	15	14	15
31	1.64	1.09	4.68	2.73	2.73	3.51	44	57	35	26	33	50	15	15	14	15	15	14
32	1.26	4.09	3.28	4.09	3.28	1.64	70	37	40	37	40	57	13	14	15	14	15	15

E4	0.54	0.58	0.53	0.48	0.42	0.46	05	05	05	05	06	06	59	59	58	59	58	58
P4	2.86	3.21	2.92	1.84	1.44	1.40	02	02	02	03	03	03	57	57	59	58	59	59
P*	3.05	3.45	3.10	1.99	1.57	1.51	02	02	02	02	03	03	57	57	59	58	59	59
S	217.28	219.03	217.61	219.51	219.53	220.74	00	00	00	00	00	00	116	116	117	117	117	117

E1 AVERAGES (1 SAMPLE = 3*SPIN PERIOD (1.3025)/8 SEC.)

1	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
2	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
3	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
4	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
5	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
6	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
7	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
8	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0

E2 AVERAGES (1 SAMPLE = 3*SPIN PERIOD (1.3025)/8 SEC.)

1	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
2	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
3	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
4	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
5	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
6	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
7	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
8	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0

cosmic merged

#62

12/27/74-109175

D-22570

TEN MINUTE AVERAGES, 75/01/09 (DAY 9) HOUR 14 - 15
E3 SECTOR AVERAGES (1 SAMPLE = 3*SPIN PERIOD (1.3024)/32 SEC.)

SEC.	00 - 10	10 - 20	20 - 30	30 - 40	40 - 50	50 - 60	RE1	RE2	RE3	RE4	RE5	RE6	-----SAMPLE SIZE-----					
1	0.74	2.73	0.82	3.51	4.09	2.05	99	57	99	57	57	70	11	9	10	7	6	8
2	0.00	2.23	0.74	0.00	1.17	0.00	00	57	99	00	99	00	4	11	11	8	7	9
3	2.46	1.64	0.00	1.64	2.34	4.09	00	57	99	00	99	00	10	10	8	10	7	10
4	0.82	1.17	1.17	0.00	3.07	0.00	99	99	70	00	57	00	10	7	14	10	8	9
5	0.00	3.64	1.64	0.00	2.73	1.02	00	50	70	00	70	99	11	9	10	7	6	8
6	0.90	4.47	1.49	0.00	1.17	0.91	00	40	70	00	99	99	4	11	11	8	7	9
7	0.82	2.46	5.12	1.64	0.00	0.00	00	40	70	00	99	99	10	10	8	10	7	10
8	0.82	0.00	3.51	0.82	0.00	0.00	99	00	40	99	00	00	10	7	14	10	8	9
9	0.00	1.82	1.64	1.17	6.82	0.00	00	70	70	99	44	00	11	9	10	7	6	8
10	2.05	0.74	0.74	4.09	0.00	2.73	99	99	99	49	00	57	4	11	11	8	7	9
11	0.00	0.00	1.02	2.46	4.68	1.64	99	99	99	49	00	57	10	10	8	10	7	10
12	1.64	3.51	1.75	1.64	1.02	0.91	70	57	57	70	99	99	10	7	14	10	8	9
13	0.00	0.91	0.82	0.00	2.73	1.02	00	99	99	00	70	99	11	9	10	7	6	8
14	0.00	0.00	2.23	3.07	0.00	1.82	00	00	57	57	00	70	4	11	11	8	7	9
15	0.00	3.28	0.00	1.64	0.00	1.64	00	00	57	57	00	70	10	10	8	10	7	10
16	0.00	2.34	0.58	0.00	5.12	2.73	00	70	99	00	44	57	10	7	14	10	8	9
17	0.00	1.82	1.64	0.00	0.00	0.00	00	70	70	00	00	00	11	9	10	7	6	8
18	0.00	4.47	1.49	5.12	3.51	4.55	00	40	70	44	57	44	4	11	11	8	7	9
19	363.16	494.80	677.74	424.22	357.51	320.63	00	40	70	44	57	44	10	10	8	10	7	10
20	126.94	214.79	307.63	160.52	138.20	144.69	08	07	04	07	08	07	10	7	14	10	8	9
21	4.47	7.28	9.83	7.02	4.09	6.14	40	35	28	40	57	40	11	9	10	7	6	8
22	4.09	4.47	5.96	11.26	3.51	2.73	70	40	35	30	57	57	4	11	11	8	7	9
23	2.46	1.64	2.05	5.73	4.68	6.55	70	40	35	30	57	57	10	10	8	10	7	10
24	5.73	4.68	5.26	2.46	2.05	7.28	37	50	33	57	70	35	10	7	14	10	8	9
25	1.49	2.73	3.28	4.68	2.73	2.05	70	57	50	49	70	70	11	9	10	7	6	8
26	0.00	1.49	2.23	6.14	1.17	1.82	00	70	57	40	99	70	4	11	11	8	7	9
27	3.28	2.46	4.09	0.82	0.00	0.00	00	70	57	40	99	70	10	10	8	10	7	10
28	1.64	3.51	5.26	0.00	1.02	1.82	70	57	33	00	99	70	10	7	14	10	8	9
29	1.49	1.82	2.46	1.17	2.73	1.02	70	70	57	99	70	99	11	9	10	7	6	8
30	2.05	2.23	0.74	1.02	2.34	1.82	99	57	99	99	70	70	4	11	11	8	7	9
31	3.28	1.64	8.19	2.46	0.00	0.82	99	57	99	99	70	70	10	10	8	10	7	10
32	2.46	4.68	3.51	0.00	1.02	3.64	57	50	40	00	99	49	10	7	14	10	8	9

E4	0.17	0.18	0.23	0.17	0.21	0.15	11	11	10	14	12	13	42	40	41	27	32	37
P4	0.09	0.10	0.07	0.10	0.11	0.08	16	14	19	17	16	19	42	43	40	33	31	34
P*	0.10	0.11	0.08	0.12	0.12	0.08	15	14	17	15	16	18	42	43	40	33	31	34
S	228.19	227.42	224.82	229.29	226.45	222.73	00	00	00	00	00	00	84	83	81	60	63	71

E1 AVERAGES (1 SAMPLE = 3*SPIN PERIOD (1.3024)/8 SEC.)

1	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
2	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
3	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
4	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
5	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
6	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
7	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
8	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0

E2 AVERAGES (1 SAMPLE = 3*SPIN PERIOD (1.3024)/8 SEC.)

1	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
2	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
3	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
4	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
5	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
6	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
7	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0
8	0.00	0.00	0.00	0.00	0.00	0.00	00	00	00	00	00	00	0	0	0	0	0	0