#363

IMP-H

MERGED COSMIC AVERAGES

72-073A-08D

IMP-H

COSMIC AVERAGES

72-073A-08D

This data set has been restored. There was originally 64 BCD 7-Track, 556 BPI tapes. There are 2 restored tapes. The DR and DS tapes are 9-track, 6250 BPI, EBCDIC. The tapes were created on an IBM 7094 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
DR00836	DS00836	D17708	1	09/28/72 - 10/12/72
		D17709	1	10/12/72 - 10/26/72
		D17710	1	10/26/72 - 11/09/72
		D17711	1	11/09/72 - 11/22/72
		D17712	1	11/22/72 - 12/06/72
		D17713	1	12/06/72 - 12/20/72
		D17714	1	12/20/72 - 01/03/73
		D17715	1	01/03/73 - 01/17/73
		D17716	1	01/17/73 - 01/30/73
		D17717	1	01/30/73 - 02/12/73
		D17718	1	02/12/73 - 02/26/73
		D17719	1	02/26/73 - 03/11/73
		D17720	1	03/11/73 - 03/24/73
		D17721	1	03/24/73 - 04/07/73
		D17722	1	04/07/73 - 04/20/73
		D17723	1	04/20/73 - 05/03/73
		D17724	1	05/03/73 - 05/17/73
		D17725	1	05/17/73 - 05/30/73
		D17726	1	05/30/73 - 06/12/73
		D17727	1	06/12/73 - 06/26/73
		D17728	1	06/26/73 - 07/09/73
		D20390	1	07/09/73 - 07/22/73
		D20391	1	07/22/73 - 08/05/73
		D20392	1	08/05/73 - 08/18/73
		D20393	1	08/18/73 - 08/31/73
		D20394	1	08/21/73 - 09/14/73
		D20395	1	09/14/73 - 09/27/73
		D20396	1	09/27/73 - 10/10/73
		D20397	1	10/10/73 - 10/24/73
		D20398	1	10/42/73 - 11/06/73
		D20399	1	11/06/73 - 11/20/73
		D20400	1	11/20/73 - 12/03/73
		D20401	1	12/03/73 - 12/16/73
		D20402	1	12/16/73 - 12/30/73
		D20403	1	12/30/73 - 01/12/74

DR#	DS#	D#	FILES	TIME SPAN
DR00836 (cont.)		D22073	1	01/12/74 - 01/25/74
		D22074	1	01/25/74 - 02/08/74
		D22075	1	02/08/74 - 02/21/74
		D22076	1	02/21/74 - 03/06/74
		D22077	1	03/06/74 - 03/20/74
		D22078	1	03/20/74 - 04/02/74
		D22079	1	04/02/74 - 04/16/74
		D22080	1	04/16/74 - 04/29/74
		D22081	1	04/29/74 - 05/14/74
		D22082	1	05/14/74 - 05/27/74
		D22083	1	05/27/74 - 06/09/74
		D22084	1	06/09/74 - 06/23/74
		D22085	1	06/23/74 - 07/06/74
		D22086	1	07/06/74 - 07/19/74
		D22087	1	07/19/74 - 08/02/74
DR00837	DR00837	D22088	1	08/02/74 - 08/15/74
		D22089	1	08/15/74 - 08/28/74
		D22090	1	08/28/74 - 09/11/74
		D22091	1	09/11/74 - 09/24/74
		D22092	1	09/24/74 - 10/08/74
		D22564	1	10/08/74 - 10/21/74
		D22565	1	10/21/74 - 11/03/74
		D22566	1	11/03/74 - 11/17/74
		D22567	1	11/17/74 - 11/30/74
		D22568	1	11/30/74 - 12/13/74
		D22569	1	12/13/74 - 12/27/74
		D22570	1	12/27/74 - 01/09/75
		D22571	1	01/09/75 - 01/22/75
		D22572	1	01/22/75 - 01/25/75

Req. Agent	Rand No.	Acq. Agent
WTJ	RC0174	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.

D#	C#	TIME SPAN
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

D#	C#	TIME SPAN
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

D#	C#	TIME SPAN
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.)

cosmic Mercosel #62 12/27/74-1/09/75 D-22570

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

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	0.00	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