#380

IMP H & J
HOURLY AVERAGES
72-073A-08J, 08K, ~~06C, 06D~~
73-078A-03D, 07D, 08B, 08D, 09A, 09B, 06C, 06D

IMP-J

LOW ENERGY PROTONS (.16-.22 MEV)

73-078A-03D

This data set has been restored. There were originally three 9-track, 1600 BPI tapes written in ASCII. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The tapes were created on a IBM 360 computer. The DR and DS number along with the corresponding D numbers and the time spans are as follows:

DR#	DS#	DD#	FILES	TIME SPAN
DR03746	DS03746	D42420	1-48	01/01/76 - 12/30/79
		D63406	49-96	01/02/80 - 12/31/83
		D78151	97-189	01/01/84 - 09/01/91

IMP-J

HOURLY AVERAGED ELECTRONS 1-5 MEV

73-078A-06C

This data set has been restored. There was originally one 9-track, 800 BPI tape written in EBCDIC. There is one restored tape written in EBCDIC. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The tape was created on an IBM 360 computer. The DR and DS numbers along with the corresponding D number and the time span is as follows:

DR#	DS#	DD#	FILES	TIME SPAN
DR03723	DS03723	D43010	64	08/01/75 - 12/31/80

TAPE CHARACTERISTICS AND FORMAT FOR

IMP-J HOURLY AVERAGED ELECTRON DATA 1-5 MEV (73-078A-06C)

IMP-J HOURLY AVERAGED ELECTRON DATA 4-12.5 MEV (73-078A-06D)

These tapes are 9-track, 6250 bpi, EBCDIC and contain 53 files.

COLUMN	FORMAT	ITEM
1-2	I2	Year (Last 2 digits)
3-5	I3	Day of Year
6-7	I2	Hour of Day (0-23)
8	I1	Spacecraft (7=IMP-H) (8=IMP-J)
9-10	A2	Channel (E-1 for 1-5 MEV) (E-2 for 4-12.5 MEV)
11-19	E9.3	Flux 1/(cm**2.s.sr.MEV)

IMP-J

HOURLY AVERAGED PROTONS 4-12.5 MEV

73-078A-06D

This data set has been restored. There was originally one 9-track, 800 BPI tape written in EBCDIC. There is one restored tape written in EBCDIC. The DR tape is a 3480 cartridge and the DE tape is 9-track, 6250 BPI. The tape was created on an IBM 360 computer. The DR and DS numbers along with the corresponding D number and the time span is as follows:

DR#	DS#	DD#	FILES	TIME SPAN
DR03724	DS03724	D43011	65	08/01/75 - 12/31/80

Refer to 73-078A-06C

IMP-H

HOUR AVERAGE 1-2,14-25 MEV PROTON FLUX, TAPE

72-073A-08J

This data set has been restored. There were originally 2 9-track, 1600 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The tapes were created on a Modcomp computer. The DR and DS numbers along with the corresponding D numbers and the time spans are as follows:

DR#	DS#	DD#	FILES	TIME SPAN
DR03722	DS03722	D29191	1-22	08/01/75 - 09/30/76
		D33379	23-33	06/01/77 - 05/07/78

Refer to 73-078A-08B

IMP-H, J

Merged Hour Average 1-2,14-25 Mev Flux Plot

72-073A-08K (IMP-H)

73-078A-08D (IMP-J)

This data set has been restored. There was originally 1 9-track, 1600 BPI tape written in ASCII. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The tape was created on a 360 computer. The DR and DS numbers along with the corresponding D numbers and the time spans is as follows:

DR#	DS#	D#	FILES	TIME SPAN
DR03648	DS03648	D33375	1-18	08/01/75 - 06/30/77
		D33376	19-32	07/01/77 - 08/31/78

Refer to 73-078A-08B

IMP-J

HOURLY AVGD ALPHA PART (11-90 MEV)

73-078A-07D

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY IT CONTAINED 2 9-TRACK, 6250 BPI TAPES WRITTEN IN EBCDIC. THERE IS ONE RESTORED TAPE WRITTEN IN ASCII. THE DR TAPE IS A 3480 CARTRIDGE AND THE DS TAPE IS 9-TRACK, 6250 BPI. THE ORIGINAL TAPE WAS CREATED ON AN IBM 360 COMPUTER AND WAS RESTORED ON AN IBM 9021 COMPUTER. THE DR AND DS NUMBER ALONG WITH THE CORRESPONDING D NUMBERS AND TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR003830	DS003830	D043012	1-54	08/01/75 - 04/29/80
		D078152	55-148	03/14/83 - 12/31/90
			149-161	04/01/91 - 04/30/92

REQ. AGENT	RAND NO.	ACQ. AGENT
VJP	RC7557 RD1806 RD2977	CDW

IMP H & J

HOURLY AVERAGES

72-073A-08J, 08K

73-078A-03D,07D,08B,08D,09A,09B, 6C, 6D

This data set catalog consists of 2 IMP-H, 11 IMP-J and 2 IMP H/J tapes. The data are card images created on the MODCOMP IV computer. Each file contains 1 month of data. The 'D' and 'C' numbers and time spans follow. Tape characteristics and formats are attached.

IMP-H 72-073A-08J RESTORED

D#	C#	FILES	TIME SPAN
D-29191	C-18784	22	08/01/75 - 05/31/77
D-33379	C-20402	11	06/01/77 - 05/07/78

IMP-J 73-078A-03D RESTORED

D-42420	C-21214	48	01/01/76 - 12/30/79
D-63406	C-24064	39	01/02/80 - 12/31/83
D-75181	C-26712	60	01/01/84 - 12/31/88

IMP-H/J 72-073A-08K/73-078A-08D RESTORED

D-33375	C-20351	18	08/01/75 - 06/30/77
D-33376	C-20352	14	07/01/77 - 08/31/78

IMP-J 73-078A-07D restored

D-43012	C-21277	54	08/01/75 - 12/31/79, 04/01/80 - 04/30/80
D-78152	C-26713	76	03/01/83 - 06/30/89

IMP-J 73-078A-08B Restored

D#	C#	FILES	TIME SPAN
D-29192	C-18785	22	08/01/75 - 05/31/77
D-33377	C-20360	15	06/01/77 - 08/31/78
D-35091	C-20696	16	09/01/78 - 12/21/79
D-44948	C-21431	60	01/02/80 - 12/31/84
D-72767	C-25529	53	01/01/85 - 05/31/89

IMP-J 73-078A-09A

D-42421	C-21215	52	08/01/75 - 02/21/76, 05/01/76 - 12/31/79
D-63407	C-24065	48	01/01/80 - 12/31/83
D-78149	C-26710	49	11/01/84 - 11/30/88

IMP J 73-078A-09B

D-42422	C-21216	52	08/01/75 - 12/31/79
D-63408	C-24066	48	01/01/80 - 12/31/83
D-78150	C-26711	56	04/01/84 - 11/30/88

IMP J 73-078A-06C RESTORED

D-43010	C-21275	53	08/01/75 - 12/31/80

IMP-J 73-078A-06D

RESTORED

D-43011	C-21276	53	08/01/75 - 12/31/80

TAPE CHARACTERISTICS AND FORMAT FOR:

73-078A-09A, 09B
20-40 MEV AND 40-80 MEV HIGH ENERGY PROTON DATA

The tapes are 9 track, 1600 BPI, ~~EBCDIC~~ ASCII. First 80 bytes on each physical record contain data (4 logical data records). The last 240 bytes are blank. BLKSIZE=320, LRECL=20.

BYTES*	FORMAT	ITEM
1-2	A2	Year
3-5	A3	Day of Year (Jan 1 = DAY 1)
6-7	A2	Hour of day
8	A1	Spacecraft (7-IMP-H) (8-IMP-J)
9-10	A2	Data type (P5 for 20-40 MEV) (P6 for 40-80 MEV)
11-19	A9	High Energy Proton
20	A1	Blank

*First byte on logical record is Byte 1.

IMP-J

HOUR AVERAGE 1-2,14-25 MEV PROTON FLUX, TAPE

73-078A-08B

This data set has been restored. There were originally five 9-track, 1600 BPI tapes written in ASCII. There are two restored tapes. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The tapes were created on a Modcomp computer. The DR and DS numbers along with the corresponding D numbers and the time spans are as follows:

DR#	DS#	DD#	FILES	TIME SPAN
DR03747	DS03747	D29192	1-22	08/01/75 - 05/31/77
		D33377	23-37	06/01/77 - 08/31/78
		D35091	38-53	09/01/78 - 12/21/79
		D44948	54-113	01/02/80 - 12/31/84
DR03773	DS03773	D72767	1-82	01/01/85 - 10/23/91

TAPE CHARACTERISTICS AND FORMAT FOR:

72-073A-08J, 73-078A-08B,
72-073A-08K/73-078A08D

The tapes are 1600 BPI, 9-track, ASCII and are multifiled.

COLUMN	FORMAT	ITEM
1-2	I2	Year
3-5	I3	Day of Year
6-7	I2	Hour of Day (0-23)
8	I1	Spacecraft (7-IMP-H) (8-IMP-J)
9-10	A2	Channel (P-2) .97-1.83 mev
11-19	E9.3	Flux
20-21	I2	Year
22-24	I3	Day of Year
25-26	I2	Hour of Day (0-23)
27	I1	Spacecraft (7-IMP-H) (8-IMP-J)
8-29	A2	Channel (P-4) 13.7-25.2 mev
30-38	E9.3	Flux

DUMP OF TAPE X-205

INPUT TAPE X-205 ON MT1
DATA INPUT H9 NF 16 SR 16 1 3 SR 16 LAST 3

file 16 of D-35091

FILE	INPUT RECS.	DATA RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY PERM	ZERO B	SHORT	UNDEF.	INPUT RETRIES #RECS.	TOTAL#
1	585	585	80	0	0	0	0	0	0

FILE 16 RECORD 1 LENGTH 80BYTES

(0)	37393333	35203138	5032352E	37333145	2B303037	39333335	20303850	34322E32	3734452D	30342020
(40)	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020

FILE 16 RECORD 2 LENGTH 80BYTES

(0)	37393333	35203138	5032372E	30313145	2B303037	39333335	20313850	34302E30	20202020	20202020
(40)	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020

FILE 16 RECORD 3 LENGTH 80BYTES

(0)	37393333	35203238	5032342E	33393045	2B303037	39333335	20323850	34312E38	3532452D	30342020
(40)	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020

FILE 16 RECORD 417 LENGTH 80BYTES

(0)	37393335	35203338	5032372E	32353545	2D303137	39333535	20333850	34312E30	3037452D	30322020
(40)	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020

FILE 16 RECORD 418 LENGTH 80BYTES

(0)	37393335	35203438	5032352E	38373345	2D303137	39333535	20343850	34362E39	3838452D	30332020
(40)	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020

FILE 16 RECORD 419 LENGTH 80BYTES

19 355

(0)	37393335	35203538	5032352E	30393745	2D303137	39333535	20353850	34382E31	3935452D	30332020
(40)	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020

FILE	INPUT RECS.	DATA RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY PERM	ZERO B	SHORT	UNDEF.	INPUT RETRIES #RECS.	TOTAL#
16	419	422	80	0	0	0	0	0	0

READ ERROR #	FILE #	RECORD #
1	12	8

EOJ DUMP STOPPED AFTER FILE 16 # OF PERMANENT READ ERRORS 1

START TIME 06/13/80 11:45:04 STOP TIME 06/13/80 11:47:29

$$
$AVR CI 8
$END DO

$EXE TPDUMP BS

D-35091
9/01/78 - ~~3/21~~/79
12/21

DUMP OF TAPE X-401

INPUT TAPE X-401 ON MS2
DATA INPUT H9 NF 7 FL 1 1 1 SR 7 1 1 SR 7 LAST 1

FILE 1 RECORD 1 LENGTH 80BYTES

(0)	37383234	34203638	5032352E	31333745	2D303237	38323434	20363850	34302E30	20202020	20202020
(40)	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020

FILE 1 RECORD 585 LENGTH 80BYTES

(0)	37383237	33323338	5032312E	33393945	20303037	38323733	32333850	34352E31	3637452D	30332020
(40)	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020

FILE	INPUT RECS.	DATA RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY PERM	ZERO B	SHORT	UNDEF.	INPUT RETRIES #RECS.	TOTAL#
1	585	586	80	0	0	0	0	0	0

FILE 7 RECORD 1 LENGTH 80BYTES

(0)	37392036	30203038	5032352E	30343045	2D303137	39203630	20303850	34312E32	3537452D	30332020
(40)	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020

FILE 7 RECORD 666 LENGTH 80BYTES

(0)	37392039	30323238	5032362E	32303345	2B303037	39203930	32323850	34332E33	3033452D	30342020
(40)	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020	20202020

FILE	INPUT RECS.	DATA RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY PERM	ZERO B	SHORT	UNDEF.	INPUT RETRIES #RECS.	TOTAL#
7	666	667	80	0	0	0	0	0	0

EOJ DUMP STOPPED AFTER FILE 7 # OF PERMANENT READ ERRORS 0

START TIME 10/01/79 14:52:02 STOP TIME 10/01/79 14:53:00

$$