



#553

IMP H + J

72-073A-08L, 73-078A-08E

ILY AVERAGE PROTON FLUXES GREATER THAN 10, 30, 60 MEV



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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

Daily Averaged Pro Flux G T 10,30,60 Mev

72-073A-08L (IMP-H) SPMS-00490

73-078A-08E (IMP-J) SPHE-00213

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 number and the time span is as follows:

DR#	DS#	D#	FILES	TIME SPAN
DR03649	DS03649	D50474	1	09/26/72- 05/02/82

REQ. AGENT

BER

ACQ. AGENT

V0154

RAND NO.

HKH

IMP H/J

DAILY AVG. PROTON FLUXES GREATER THAN 10, 30, 60, MEV

72-073A-08L

73-078A-08E

This data set catalog consists of 1 tape. The tape characteristics are as follows: 1600 BPI, 9 track, ASCII format, and single filed. The tape was created on a VAX 11/750 computer. The D and C number with the time span is below:

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-50474	C-22580	09/26/72 - 05/02/82

IMP 7 and 8

DAILY AVERAGE PROTON FLUXES GREATER THAN 10, 30, and 60 MEV

TAPE FORMAT

<u>BYTES</u>	<u>DESCRIPTION</u>
1	space
2-5	Year
6	space
7-9	Day
10	space
11-15	10 MEV FLUX $\text{cm}^{-2}\text{s}^{-1}\text{ster}^{-1}$ ~
16-20	spaces
21-25	30 MEV FLUX " ✓
26-30	spaces
31-35	60 MEV FLUX " ✓
36-40	spaces
41	Satellite label (7 or 8)
42	space
43-47	flux at observed threshold*
48-52	spaces
53-57	flux at observed threshold*
58-62	spaces
63-67	flux at observed threshold*
68-72	spaces
73-77	flux at observed threshold*
78-81	spaces

* Used to construct the fluxes at desired thresholds

1972	270	0.345	0.339	0.338	7	0.347	0.344	0.340	0.338
1972	271	0.324	0.320	0.318	7	0.326	0.323	0.321	0.318
1972	272	0.324	0.319	0.317	7	0.326	0.323	0.320	0.318
1972	273	0.322	0.317	0.315	7	0.324	0.321	0.318	0.316
1972	274	0.329	0.325	0.323	7	0.331	0.329	0.326	0.324
1972	275	0.321	0.317	0.314	7	0.322	0.320	0.318	0.315
1972	276	0.316	0.313	0.310	7	0.318	0.315	0.313	0.311
1972	277	0.319	0.316	0.314	7	0.321	0.319	0.317	0.314
1972	278	0.316	0.313	0.310	7	0.318	0.316	0.314	0.311
1972	279	0.320	0.316	0.313	7	0.321	0.319	0.317	0.314
1972	280	0.325	0.321	0.319	7	0.327	0.324	0.322	0.320
1972	281	0.342	0.314	0.311	7	0.414	0.317	0.315	0.312
1972	282	0.326	0.319	0.309	7	0.326	0.326	0.326	0.356
1972	283	0.328	0.323	0.321	7	1.91	0.324	0.321	0.321
1972	284	0.316	0.312	0.309	7	0.318	0.315	0.312	0.310
1972	285	0.319	0.315	0.311	7	0.321	0.318	0.316	0.312
1972	286	0.320	0.316	0.313	7	0.322	0.319	0.317	0.314
1972	287	0.316	0.312	0.310	7	0.318	0.315	0.313	0.311
1972	288	0.315	0.308	0.305	7	0.325	0.312	0.309	0.306
1972	289	0.320	0.315	0.312	7	0.322	0.319	0.316	0.313
1972	290	0.325	0.321	0.315	7	0.327	0.324	0.322	0.316
1972	291	0.337	0.333	0.325	7	3.88	0.332	0.329	0.325
1972	292	0.475	0.469	0.446	7	0.483	0.472	0.470	0.451
1972	293	0.308	0.304	0.302	7	0.357	0.354	0.303	0.301
1972	294	0.320	0.316	0.310	7	0.322	0.320	0.317	0.312
1972	295	0.451	0.446	0.444	7	0.453	0.450	0.447	0.445
1972	296	0.322	0.319	0.315	7	0.324	0.322	0.319	0.316
1972	297	0.321	0.317	0.314	7	0.323	0.320	0.318	0.315
1972	298	0.309	0.306	0.304	7	0.420	0.417	0.358	0.309
1972	299	0.745	0.741	0.242	7	0.747	0.744	0.742	0.310
1972	300	0.320	0.315	0.313	7	0.322	0.318	0.316	0.314
1972	301	0.318	0.310	0.308	7	0.331	0.313	0.310	0.308
1972	302	0.321	0.312	0.302	7	0.334	0.316	0.313	0.304
1972	303	0.400	0.312	0.306	7	0.588	0.344	0.319	0.309
1972	304	13.0	2.10	0.691	7	95.3	5.93	2.64	0.930
1972	305	39.5	10.4	0.790	7	352.	16.6	11.5	1.43
1972	306	1.98	0.897	0.187	7	11.7	0.983	0.916	0.266
1972	307	0.523	0.337	0.233	7	1.42	0.353	0.341	0.253
1972	308	0.359	0.293	0.259	7	0.568	0.299	0.294	0.266
1972	309	0.312	0.273	0.259	7	0.421	0.277	0.274	0.263
1972	310	0.334	0.303	0.283	7	0.415	0.307	0.304	0.288
1972	311	0.336	0.311	0.299	7	0.396	0.314	0.311	0.302
1972	312	0.312	0.302	0.299	7	0.331	0.305	0.302	0.300
1972	313	0.319	0.312	0.309	7	0.328	0.315	0.312	0.309
1972	314	0.320	0.314	0.312	7	0.325	0.318	0.315	0.313
1972	315	0.327	0.322	0.320	7	0.332	0.325	0.323	0.320
1972	316	0.325	0.320	0.318	7	0.329	0.323	0.320	0.318
1972	317	0.321	0.316	0.313	7	0.324	0.319	0.317	0.314
1972	318	0.338	0.319	0.317	7	0.378	0.323	0.320	0.317
1972	319	0.878	0.327	0.324	7	10.5	0.330	0.328	0.325

Dump of MSØ:

Logical block 0,000001 - size 81. bytes

[illegible]

\$NOP
\$NOP
\$NOP
\$NOP
\$NOP ***** 50474OUT *****
\$EXE TPLIST BS

D-50474

9/26/72-5/2/82

INPUT PARAMETERS ARE: AS FL=5=5 1

TAPE NO.	1	FILE NO.	1
RECORD	1	LENGTH	81
1972 270	0.345	0.339	0.338
		7 0.347	0.344 0.340 0.338

TAPE NO.	1	FILE NO.	1
RECORD	2	LENGTH	81
1972 271	0.324	0.320	0.318
		7 0.326	0.323 0.321 0.318

TAPE NO.	1	FILE NO.	1
RECORD	3	LENGTH	81
1972 272	0.324	0.319	0.317
		7 0.326	0.323 0.320 0.318

TAPE NO.	1	FILE NO.	1
RECORD	4	LENGTH	81
1972 273	0.322	0.317	0.315
		7 0.324	0.321 0.318 0.316

TAPE NO.	1	FILE NO.	1
RECORD	5	LENGTH	81
1972 274	0.329	0.325	0.323
		7 0.331	0.329 0.326 0.324

TAPE NO.	1	FILE NO.	1
RECORD	3490	LENGTH	81
1982 118	0.214	0.210	0.210
		8 0.219	0.212 0.211 0.210

TAPE NO.	1	FILE NO.	1
RECORD	3491	LENGTH	81
1982 119	0.207	0.205	0.205
		8 0.210	0.206 0.205 0.205

TAPE NO.	1	FILE NO.	1
RECORD	3492	LENGTH	81
1982 120	0.205	0.203	0.202
		8 0.207	0.205 0.204 0.202

TAPE NO.	1	FILE NO.	1
RECORD	3493	LENGTH	81
1982 121	0.225	0.222	0.221
		8 0.226	0.224 0.223 0.221

TAPE NO.	1	FILE NO.	1
RECORD	3494	LENGTH	81
1982 122	0.234	0.226	0.224
		8 0.248	0.228 0.226 0.225

***** JOB DONE.
\$WEO LPS

called Armstrong on
10. June 85. will send info.
RP

PS
215-25
25-48
48-96
96-145
190-440

\$S
\$ASS IN TD2
\$EXE TPDUPC BS