#522

IUE
5 MINUTE MEDIAN COUNT RATE DATA
78-012A-02B

IUE

5 MINUTE MEDIAN COUNT RATE DATA

78-012A-02B

This data set has been restored. There were originally 32 9-track, 1600 BPI tapes written in EBCDIC. There are nine restored tapes. The DR tapes are 3480 cartridges and the DS tapes are 9-track, 6250 BPI. The tapes were created on a Sigma 5 computer. The DR and DS numbers along with the corresponding D numbers and the time span are as follows:

DR#	DS#	D#	FILES	TIME SPAN
DR03799	DS03799	D-42438	1 - 15	11/06/80 - 12/28/80
		D-42439	16 - 30	12/29/80 - 02/04/81
		D-42440	31 - 45	02/04/81 - 03/27/81
		D-42441	46 - 59	04/02/81 - 08/01/81
		D-42442	60 - 74	08/01/81 - 10/09/81
		D-42443	75 - 86	10/09/81 - 12/29/81
		D-42444	87 - 97	01/09/82 - 03/~~23~~ 27/82
DR03800	DS03800	D-42445	1 - 15	03/~~23~~ 27/82 - 10/15/82
		D-42446	16 - 30	10/15/82 - 03/15/83
		D-42447	31 - 45	03/15/83 - 07/07/83
DR03801	DS03801	D-42448	1 - 14	07/15/83 - 11/07/83
		D-42449	15 - 29	11/08/83 - 02/18/84
		D-42450	30 - 44	02/18/84 - 06/~~04~~ 10/84
DR03802	DS03802	D-42451	1 - 15	06/~~19~~ 28/84 - 11/24/84
		D-42452	16 - 29	12/06/84 - 05/31/85
		D-42453	30 - 40	06/05/85 - 01/04/86
DR03803	DS03803	D-42454	1 - 15	01/05/86 - 04/21/86
		D-42455	16 - 30	05/01/86 - 08/15/86
		D-42456	31 - 45	08/15/86 - 12/~~05~~ 06/86
DR03804	DS03804	D-42457	1 - 15	10/25/86 - 03/27/87
		D-42915	16 - 30	04/09/87 - 08/10/87
		D-42916	31 - 49	06/04/87 - 01/02/88
DR03805	DS03805	D-43024	1 - 22	01/17/88 - 07/09/88
		D-43031	23 - 37	07/16/88 - 10/15/88
		D-43032	38 - 52	10/15/88 - 02/11/89
DR03806	DS03806	D-43059	1 - 15	02/11/89 - 06/03/89
		D-43236	16 - 29	05/04/89 - 08/26/89
		D-43237	30 - 40	08/31/89 - 11/06/89

DR03807	DS03807	D-43238	1 - 15	11/09/89 - 04/28/90
		D-82871	16 - 29	05/10/90 - 10/08/90
		D-82872	30 - 41	10/04/90 - 02/23/91
		D-85874	42 - 56	03/14/91 - 09/21/91

IUE

5 MINUTE MEDIAN COUNT RATE DATA

78-012A-02B

THIS DATA SET CATALOG CONTAINS DATA RECEIVED BY NSSDC, THAT HAS BEEN STACKED ONTO MASTER TAPES. THE ORIGINAL TAPES ARE 800 BPI AND WERE CREATED ON THE SIGMA 5 COMPUTER. EACH MASTER TAPE IS 9 TRACK, 1600 BPI, EBCDIC AND MULTIFILED. AS WE RECEIVE NEW TAPES THEY WILL BE STACKED AND ADDED TO THE DATA SET CATALOG. THE FOLLOWING LIST GIVES THE "D" #'S, "C" #'S, NUMBER OF FILES AND THE TIME SPAN OF EACH TAPE.

D#	C#	FILES	TIME SPAN
D-42438	C-22057	15	11/06/80 - 12/28/80
D-42439	C-22058	15	12/29/80 - 02/04/81
D-42440	C-22059	15	02/04/81 - 03/27/81
D-42441	C-22060	14	04/02/81 - 08/01/81
D-42442	C-22061	15	08/01/81 - 10/09/81
D-42443	C-22062	12	10/09/81 - 12/29/81
D-42444	C-22220	11	01/09/82 - 03/23/82
D-42445	C-22756	15	03/23/82 - 10/15/82
D-42446	C-23109	15	10/15/82 - 03/15/83
D-42447	C-23355	15	03/15/83 - 07/07/83
D-42448	C-23651	14	07/15/83 - 11/07/83
D-42449	C-23853	15	11/08/83 - 02/18/84
D-42450	C-24060	15	02/18/84 - 06/08/84
D-42451	C-24290	15	06/19/84 - 11/24/84
D-42452	C-24784	14	12/06/84 - 05/31/85
D-42453	C-25270	11	06/05/85 - 01/04/86
D-42454	C-25665	15	01/05/86 - 04/21/86
D-42455	C-26123	15	05/01/86 - 08/15/86
D-42456	C-26212	15	08/15/86 - 12/05/86
D-42457	C-26350	15	10/25/86 - 03/27/87
D-42915	C-26573	15	04/09/87 - 08/10/87
D-42916	C-26917	19	06/04/87 - 01/02/88
D-43024	C-26918	22	01/17/88 - 07/09/88
D-43031	C-26919	15	07/16/88 - 10/15/88
D-43032	C-26920	15	10/15/88 - 02/11/89
D-43059	C-27381	15	02/11/89 - 06/03/89
D-43236	C-27382	14	05/04/89 - 08/26/89
D-43237	C-27383	11	08/31/89 - 11/06/89
D-43238	C-27744	15	11/09/89 - 04/28/90
D-82871	C-28016	14	05/10/90 - 10/08/90
D-82872	C-28017	12	10/04/90 - 02/23/91

(Cont.)

IUE

5 MINUTE MEDIAN COUNT RATE DATA

78-012A-02B

D #	C #	FILES	TIME SPAN
D-85874	C-28936	1	03/14/91 - 03/16/91
		2	03/21/91 - 03/23/91
		3	03/23/91 - 04/20/91
		4	03/24/91 - 05/11/91
		5	03/27/91 - 03/30/91
		6	04/12/91 - 04/13/91
		7	05/06/91 - 06/14/91
		8	05/11/91 - 06/01/91
		9	05/31/91 - 06/01/91
		10	06/01/91 - 06/08/91
		11	06/30/91 - 07/06/91
		12	07/26/91 - 07/27/91
		13	08/10/91 - 08/10/91
		14	08/22/91 - 08/25/91
		15	09/05/91 - 09/21/91

4 December 1979

Memo for Record

Prepared by I. Mason

SUBJ: IUE Flux Particle Monitor Data Recording

The IUE Flux Particle Monitor data will be extracted from IUE telemetry, recorded on disk, and dumped to tape weekly. The tape will then be delivered to the GSFC National Science Data Center (Code 601). Additional data is required to provide spacecraft orbit and attitude information associated with the data. The following provides a definition of the requirements for this capability.

1. Determine the median value of the Flux Particle Monitor (ASC2 Ch1) over a time interval of N minutes ($3 \leq N \leq 10$). Default value N=5 min.
2. The required data will be placed in a file on the "Shared Disk" which will have the capacity for at least one week of data, when N=3.
3. A background job (program) will be provided for dumping this "Shared Disk" file to tape. This job will also reinitialize the Shared Disk after the data has been dumped to tape.
4. The tape format of the data will be as follows: (248 bytes EBCDIC)

WORD	PARAMETER
	Orbital elements
1 - 4	Juldate
5 - 6	Time (seconds)
7 - 8	SMJRAXIS
9 - 10	ECCNTRCT
11 - 12	INCLINTN
13 - 14	RTASCNSN

WORDS	PARAMETER
15 - 16	PERIGEE
17 - 18	ANOMALY
Start Time	
19 - 20	YEAR
21 - 22	Day of Year
23 - 24	Hours
25 - 26	Minutes
27 - 28	Seconds
S/C Attitude (Start Time)	
29 - 30	Beta
31 - 32	Roll
S/C Inertial Attitude (Start Time)	
33 - 34	RA
35 - 36	DEC
37 - 38	ROLL
Stop Time	
39 - 40	YEAR
41 - 42	Day of Year
43 - 44	Hours
45 - 46	Minutes
47 - 48	Seconds
S/C Attitude (Stop Time)	
49 - 50	Beta
51 - 52	Roll
S/C Inertial Attitude (Stop Time)	
53 - 54	RA
55 - 56	DEC
57 - 58	ROLL
Data	
59 - 60	Number of flux data observations used
61 - 62	Median value of data

12/18/80
HKH

IUE RADMON 78-012A-02

#	#Records	Data time from label		
001	182	310/1844 - 311/1235		
2	1020	313/0600 - 317/1351		
3	466	317/1602 - 319/1332		
4	1205	319/1333 - 324/1336		
5	203	325/1712 - 326/1415		
6		326/1350 - 331/1346	?	1546 is 2nd time entered, 1st time on each new tape may not be correct ?
7	256	331/1452 - 332/1618		
8	215	334/1606 - 334/1657		
9	1197	335/1747 - 340/1508 X	?	Duplicated + added to by #010
010	1676	335/1747 - 343/1506		
011	641	343/1650 - 346/1316		dated 12-11-80

name: Median Count Rates, 5 MIN.
contact: HKH

```
$ASS IN HT1
$NOP
$NOP
$NOP
$NOP
$NOP
$NOP ************** LIST OF CN1128 ***************
$EXE TPLIST BS

INPUT PARAMETERS ARE:  ED FL=1=1 15 1 1

 TAPE NO.   1              FILE NO.   1
 RECORD   1                LENGTH   248                                  3/14
      2448326.00      .0042160.36 .140872    32.73  114.63      .73     2.13      91      7309:44:39
                 69.04     -.09  147.93    69.90   27.07      |91|     |73|09:50:06                  69.
 04     -.09  147.93    69.90   27.07       11 .080000

 TAPE NO.   1              FILE NO.   1
 RECORD   462              LENGTH   248                                  3/16
      2448326.00      .0042160.36 .140872    32.73  114.63      .73     2.13      91      7509:44:56
                 99.13     -.10  274.08   -11.65  269.70      |91|     |75|09:49:58                  99.
 13     -.10  274.08   -11.65  269.70       10 .080000

 TAPE NO.   1              FILE NO.   2
 RECORD   1                LENGTH   248                                  3/21
      2448326.00      .0042160.36 .140872    32.73  114.63      .73     2.13      91      8009:24:19
                 104.69     .20  307.45    65.27  234.57      |91|     |80|09:38:48                 104.
 69      .20  307.45    65.27  234.57       10 .080000

 TAPE NO.   1              FILE NO.   2
 RECORD   387              LENGTH   248                                  3/23
      2448326.00      .0042160.36 .140872    32.73  114.63      .73     2.13      91      8203:41:13
                 92.86     -.07   82.49   -67.16   81.66      |91|     |82|03:46:16                  92.
 86     -.07   82.49   -67.16   81.66       10 .080000

 TAPE NO.   1              FILE NO.   3
 RECORD   1                LENGTH   248                                  3/23
      2448326.00      .0042160.36 .140872    32.73  114.63      .73     2.13      91      8203:52:27
                 92.77      .14   82.49   -67.16   81.66      |91|     |82|03:57:29                  92.
 76     -.09   82.72   -67.35   81.83       10 .080000

 TAPE NO.   1              FILE NO.   3
 RECORD   500              LENGTH   248                                  4/20
      2448351.00      .0042161.09 .140188    32.73  114.16     1.30    28.45      91     11004:24:55
                 74.02     -.09  284.26   -23.13  275.52      |91|     |110|04:30:11                  74.
 01      .12  284.26   -23.13  275.52       11 .100000

 TAPE NO.   1              FILE NO.   4
 RECORD   1                LENGTH   248                                  3/24
      2448326.00      .0042160.36 .140872    32.73  114.63      .73     2.13      91      8309:40:14
                 68.29     -.02  245.15   -39.07  252.84      |91|     |83|09:47:08                  68.
 29     -.02  245.15   -39.07  252.84       61.190000

 TAPE NO.   1              FILE NO.   4
 RECORD   2000             LENGTH   248
      2448377.00      .0042161.81 .139878    32.76  113.69     1.88    55.17      91     13100:24:39
                 42.42     -.02  209.70    21.47   24.52      |91|     |131|00:29:45                  42.
 43      .33  209.70    21.47   24.52       11 .080000

 TAPE NO.   1              FILE NO.   5
 RECORD   1                LENGTH   248
      2448326.00      .0042160.36 .140872    32.73  114.63      .73     2.13      91      8613:53:57
                 89.30      .19   94.91   -27.20   87.82      |91|     |86|14:00:41                  89.
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D - 85874
C - 28936

File 1	3/14/91	— 3/16/91
2	3/21/91	— 3/23/91
3	3/23/91	— 4/20/91
4	3/24/91	— 5/11/91
5	3/27/91	— 3/30/91
6	4/14/91	— 4/13/91
7	5/6/91	— 6/14/91
8	5/11/91	— 6/1/91
9	5/31/91	— 6/1/92
10	6/1/91	— 6/8/92
11	6/30/91	— 7/6/91
12	7/26/91	— 7/27/91
13	8/10/91	— 8/10/91
14	8/22/91	— 8/25/91
15	9/5/91	— 9/21/91

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30      .19   94.91  -27.20   87.82       10 .530000

TAPE NO.   1                FILE NO.   5
RECORD   610                LENGTH   248
      2448326.00      .0042160.36 .140872   32.73  114.63     .73     2.13       91      8907:00:16
                47.07      .13  218.07  -41.93  223.39      |91|     |89|07:05:41                  47.
07      .46  218.07  -41.93  223.39        9 .080000

TAPE NO.   1                FILE NO.   6
RECORD   1                  LENGTH   248
      2448341.00      .0042161.03 .140473   32.73  114.36    1.15    17.90       91     10207:38:20
                86.25      .30  273.74   49.84  287.38      |91|     |102|07:43:53                  86.
25      .30  273.74   49.84  287.38       11 .080000

TAPE NO.   1                FILE NO.   6
RECORD   180                LENGTH   248
      2448341.00      .0042161.03 .140473   32.73  114.36    1.15    17.90       91     10302:28:23
                86.03      .26  273.74   49.84  288.30      |91|     |103|02:33:24                  86.
03      .26  273.74   49.84  288.30       10 .080000

TAPE NO.   1                FILE NO.   7
RECORD   1                  LENGTH   248
      2448364.00      .0042161.28 .139988   32.75  113.91    1.62    41.90       91     12604:03:22
                39.63     -.05  186.63    2.32   60.84      |91|     |126|04:08:51                  39.
64     -.05  186.63    2.32   60.84       10 .080000

TAPE NO.   1                FILE NO.   7
RECORD   1360               LENGTH   248
      2448414.00      .0042165.00 .139850   32.85  113.05    2.93    80.65       91     16522:19:15
                81.76      .33  210.49   43.46   46.69      |91|     |165|22:24:37                  81.
76      .33  210.49   43.46   46.69       11 .080000

TAPE NO.   1                FILE NO.   8
RECORD   1                  LENGTH   248
      2448377.00      .0042161.81 .139878   32.76  113.69    1.88    55.17       91     13100:35:58
                42.43     -.02  209.70   21.47   24.52      |91|     |131|00:41:03                  42.
43      .33  209.70   21.47   24.52       11 .080000

TAPE NO.   1                FILE NO.   8
RECORD   907                LENGTH   248
      2448389.00      .0042163.76 .139817   32.77  113.46    2.20    67.21       91     15203:13:57
                90.74      .23  180.14   44.81   59.14      |91|     |152|03:19:03                  90.
74      .23  180.14   44.81   59.14        9 .180000

TAPE NO.   1                FILE NO.   9
RECORD   1                  LENGTH   248
      2448389.00      .0042163.76 .139817   32.77  113.46    2.20    67.21       91     15104:59:49
                92.23      .28  327.23   28.62  293.47      |91|     |151|05:04:55                  92.
25      .28  327.23   28.62  293.47        7 .100000

TAPE NO.   1                FILE NO.   9
RECORD   218                LENGTH   248
      2448389.00      .0042163.76 .139817   32.77  113.46    2.20    67.21       91     15203:13:57
                90.74      .23  180.14   44.81   59.14      |91|     |152|03:19:03                  90.
74      .23  180.14   44.81   59.14        9 .180000

TAPE NO.   1                FILE NO.   10
RECORD   1                  LENGTH   248
      2448389.00      .0042163.76 .139817   32.77  113.46    2.20    67.21       91     15205:08:30
                90.81      .24  180.14   44.81   59.14      |91|     |152|05:34:47                  90.
82      .01  180.14   44.81   59.14        9 .160000

TAPE NO.   1                FILE NO.   10
RECORD   1581               LENGTH   248
      2448403.00      .0042162.92 .139833   32.81  113.21    2.61    81.07       91     15902:00:49
                103.72     .26  328.80   63.38  293.22      |91|     |159|02:06:20                  62.
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29      .31   328.80    63.38   293.22        11 .680000

TAPE NO.    1                FILE NO.    11
RECORD    1                  LENGTH    248
      2448426.00      .0042165.55 .139898    32.88  112.84     3.33   103.26        91      18101:18:30
                 74.42      .30  198.18  -16.12   69.77      |91|    |18101:23:51                      74.
42      .30   198.18  -16.12   69.77        10 .869999

TAPE NO.    1                FILE NO.    11
RECORD    1335               LENGTH    248
      2448439.00      .0042166.14 .139784    32.93  112.65     3.77   115.54        91      18700:02:43
                 66.58      .14    8.49  -73.44  271.82      |91|    |18700:07:54                      66.
58      .14     8.49  -73.44  271.82        10 .280000

TAPE NO.    1                FILE NO.    12
RECORD    1                  LENGTH    248
      2448452.00      .0042167.41 .139641    32.96  112.44     4.24   127.61        91      20708:52:50
                 94.49      .23   38.12     3.51  289.49      |91|    |20708:58:06                      94.
49      .46    38.12     3.51  289.49       141.289999

TAPE NO.    1                FILE NO.    12
RECORD    153                LENGTH    248
      2448452.00      .0042167.41 .139641    32.96  112.44     4.24   127.61        91      20800:38:43
                 87.54      .32  290.80    50.14   14.32      |91|    |20800:44:04                      94.
65      .49   290.80    50.14   14.32       121.159999

TAPE NO.    1                FILE NO.    13
RECORD    1                  LENGTH    248
      2448464.00      .0042168.72 .139352    32.98  112.28     4.65   138.62        91      22209:32:13
                102.09      .20   54.47    28.79  281.55      |91|    |22209:37:15                     102.
09      .20    54.47    28.79  281.55       252.080000

TAPE NO.    1                FILE NO.    13
RECORD    48                 LENGTH    248
      2448464.00      .0042168.72 .139352    32.98  112.28     4.65   138.62        91      22213:46:30
                 87.53      .55   41.62    17.25  287.34      |91|    |22213:51:32                      87.
55      .55    41.62    17.25  287.34       142.059999

TAPE NO.    1                FILE NO.    14
RECORD    1                  LENGTH    248
      2448477.00      .0042170.80 .139023    33.00  112.08     5.12   150.35        91      23421:44:04
                 79.26      .04  245.15  -39.07   83.38      |91|    |23421:47:22                      79.
26      .04   245.15  -39.07   83.38        61.329999

TAPE NO.    1                FILE NO.    14
RECORD    565                LENGTH    248
      2448489.00      .0042172.08 .138555    33.00  111.89     5.52   161.08        91      23708:27:22
                 78.45      .10   50.90     2.24  281.87      |91|    |23708:32:32                      78.
44      .32    50.90     2.24  281.87       151.160000

TAPE NO.    1                FILE NO.    15
RECORD    1                  LENGTH    248
      2448502.00      .0042173.32 .138138    33.01  111.68     5.93   172.54        91      24821:00:16
                 58.43      .15  284.52  -18.27   92.97      |91|    |24821:31:57                      84.
12      1.03   252.44  -64.25   85.91         9 .400000

TAPE NO.    1                FILE NO.    15
RECORD    1468               LENGTH    248
      2448515.00      .0042173.94 .137647    33.01  111.46     6.30   183.89        91      26406:15:05
                 87.76      .13   84.66  -64.11  268.25      |91|    |26406:20:12                      87.
76      .36    84.66  -64.11  268.25        92.780000

***** JOB DONE.
$WEO LPS
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