#628

ISEE 1

5-MIN AVG SOLAR WIND ION DATA

77-102A-01K

HOURLY AVG SOLAR WIND PLASMA DEN VELOCITY,
PROTON TEMP DATA

77-102A-01L

ISEE-1

5-MIN. AVG. SOLAR WIND ION DATA

77-102A-01K

This data set has been restored. There was originally one 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 VAX 11 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 |
|---|---|---|---|---|
| DR03707 | DS03707 | D-47968 | 1 | 10/30/77 - 01/08/78 |

| REQ. AGENT | RAND NO. | ACQ. AGENT |
|---|---|---|
| RSH | V0232 | HKH |

ISEE-1
77-102A-01K
5-MIN. AVG. SOLAR WIND ION DATA

This data set consists of one tape. The tape is 1600 BPI, ASCII, 9 Trk, and contains only one file of data. It was previously a standard label tape created on VAX 11 system , but the header and trailer files were removed to leave only the data file. The D and C numbers along with the time span are as follows:

| D# | C# | TIME SPAN |
|---|---|---|
| D-47968 | C-23670 | 10/30/77 - 01/08/78 |

Los Alamos

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

DATE: 29 March 1982
IN REPLY REFER TO: ESS-8:82-240
MAIL STOP: D438
TELEPHONE: 7-5389

Dr. Jim Vette
National Space Science Data Center
Code 601
NASA/Goddard Space Flight Center
Greenbelt, MD 20771

Dear Dr. Vette:

Under separate cover I am mailing you a magnetic tape containing 5-min. averaged solar wind ion data from the Los Alamos/Max-Planck Institut, Garching, plasma experiment on ISEE 1 for the interval Oct. 30, 1977 through Jan. 8, 1978. Plasma parameters included on the tape are proton number density ($cm^{-3}$), bulk velocity (km $s^{-1}$), azimuthal flow angle (deg), meridional flow angle (deg), alpha-proton flux ratio, and average proton temperature (deg K). The coordinate system used is heliocentric, with the X-axis pointing from the sun to the earth, the Z-axis pointing northward, and the Y-axis completing a right-handed system. The tape also includes time, date, and position information. Data are averaged on 5-minute time centers beginning at the start of each day; however, the average time for a 5-minute interval can fall anywhere within the interval. UT times are given in both seconds and hours and minutes. The latter are sometimes wrong near the end of an hour, and should be ignored.

The tape contains data for 9921 5-minute intervals and was written by the VAX/VMS systems, Version 2.4. The block length is 2048 words, and there are 945 blocks on the tape. The tape is 9 track, 1600 bpi, and is standard labeled, the label being VXJT6. The tape contains 1 file (VX905.DAT) with 19842 records. Each record contains 15 words of data per 5-minute interval and can be read in the format (I12,14E12.5).

The 15 words of data are:

1. Date (Yr-Mo-Day)
2. Time (Secs of the day)
3. UT Time (Hr-min)
4. Satellite radial distance (Earth radii)
5. Satellite latitude (deg)
6. Satellite longitude (deg)

7,8,&9. Geocentric solar ecliptic coordinates of satellite in Earth radii

10. Proton number density ($cm^{-3}$)
11. Proton bulk velocity (km $s^{-1}$)
12. Azimuthal flow angle (deg.)
13. Meridional flow angle (deg.)
14. Alpha-proton flux ratio
15. Average proton temperature (deg. K)

An Equal Opportunity Employer/Operated by University of California

Please call me at 505/667-5389 (FTS 843-5389) if you have any questions concerning this submission.

Sincerely,

J. T. Gosling

J. T. Gosling

JTG/st

CY: S.J. Bame
G. Paschmann
CRMO (2), MS A150

ISEE 1 77-102A-01K
D-47968 C-23670
10/30/77 - 1/8/78

```
$ASS IN TU1
$NOP
$NOP
$NOP
$NOP ******************  ASCII LIST OF DO-2  *********************
$EXE TPLIST BS

INPUT PARAMETERS ARE:  AS FL=1=1

 TAPE NO.   1              FILE NO.   1
 RECORD    1               LENGTH   2048
0125        771030 1.42790E+04 3.77980E+02 1.49070E+01 2.15450E+01-5.39230E+01 8.16520E+00-1.12070E+
01 5.47430E+00 8.85290E+000065  4.01610E+02 2.50530E+00-1.77260E+00 4.65040E-02 2.21360E+050125
   771030 1.45710E+04 4.02840E+02 1.49800E+01 2.15740E+01-5.37870E+01 8.23010E+00-1.12400E+01 5.508
30E+00 8.94460E+000065  4.15680E+02 3.30040E+00-4.39520E-02 3.84500E-02 1.57480E+050125        77103
0 1.48510E+04 4.07510E+02 1.50500E+01 2.16020E+01-5.36590E+01 8.29190E+00-1.12710E+01 5.54060E+00 7
.04290E+000065  4.24860E+02-1.20690E+00-1.57480E+00 5.80990E-02 1.21000E+050125        771030 1.5154
0E+04 4.12570E+02 1.51240E+01 2.16320E+01-5.35200E+01 8.35870E+00-1.13040E+01 5.57540E+00 9.09750E+
000065  4.34800E+02 1.13920E+00-5.93220E-02 5.69750E-02 1.45580E+050125        771030 1.54710E+04 4.
17850E+02 1.52010E+01 2.16630E+01-5.33770E+01 8.42770E+00-1.13390E+01 5.61150E+00 9.14540E+000065
4.26880E+02-9.73640E-01-9.82250E-01 5.69570E-02 1.23480E+050125        771030 1.57630E+04 4.22710E+0
2 1.52720E+01 2.16910E+01-5.32470E+01 8.49120E+00-1.13700E+01 5.64450E+00 7.89660E+000065  4.21140E
+02 1.12940E+00-8.30090E-01 5.13390E-02 1.21760E+050125        771030 1.60550E+04 4.27580E+02 1.5343
0E+01 2.17190E+01-5.31160E+01 8.55530E+00-1.14010E+01 5.67780E+00 8.08800E+000065  4.37230E+02 5.21
380E-01-1.18970E+00 5.39000E-02 1.22740E+050125        771030 1.63470E+04 4.32440E+02 1.54120E+01 2.
17460E+01-5.29900E+01 8.61730E+00-1.14310E+01 5.70990E+00 6.57190E+000065  4.33000E+02-1.68570E+00-
3.35520E+00 5.37890E-02 1.06580E+050125        771030 1.66380E+04 4.37300E+02 1.54810E+01 2.17730E+0
1-5.28620E+01 8.67980E+00-1.14610E+01 5.74240E+00 9.46230E+000065  4.27910E+02-6.68850E-01-4.10320E
+00 3.65200E-02 1.41320E+050125        771030 1.69550E+04 4.42570E+02 1.55570E+01 2.18020E+01-5.2725
0E+01 8.74800E+00-1.14940E+01 5.77770E+00 8.86740E+000065  4.08710E+02-1.44380E+00-2.75040E+00 5.69
120E-02 1.27900E+050125        771030 1.72590E+04 4.47650E+02 1.56280E+01 2.18290E+01-5.25960E+01 8.
8124 0E+00-1.15240E+01 5.81100E+00 9.33800E+00^^^^^^^^^^^^^^^^^^^^^^^^^^^^

 TAPE NO.   1              FILE NO.   1
 RECORD   945              LENGTH   2048
0125        780108 4.27730E+04 1.15290E+03 2.21490E+01 2.32350E+01-9.92400E+01-3.26790E+00-2.00870E+
01 8.73770E+00 1.00010E+010065  4.26100E+02-2.79880E+00 9.18550E-01 2.34650E-02 2.23940E+040125
   780108 4.30410E+04 1.15740E+03 2.21350E+01 2.32330E+01-9.91810E+01-3.24540E+00-2.00800E+01 8.731
70E+00 1.18540E+010065  4.22520E+02-1.91340E-01 1.30330E+00 2.48070E-02 2.69590E+040125        78010
8 4.33330E+04 1.20220E+03 2.21210E+01 2.32300E+01-9.91170E+01-3.22070E+00-2.00720E+01 8.72500E+00 1
.37980E+010065  4.20450E+02 8.84960E-04 3.06770E+00 4.17910E-02 2.91670E+040125        780108 4.3600
0E+04 1.20670E+03 2.21080E+01 2.32270E+01-9.90570E+01-3.19810E+00-2.00630E+01 8.71890E+00 1.07640E+
010065  4.22200E+02 2.92070E-01 2.10570E+00 3.14910E-02 3.24190E+040125        780108 4.40140E+04 1.
21360E+03 2.20870E+01 2.32230E+01-9.89660E+01-3.16330E+00-2.00500E+01 8.70910E+00 1.09470E+010065
4.13240E+02 3.40250E-01 1.61780E-01 4.15600E-02 3.50080E+040125        780108 4.42820E+04 1.21800E+0
3 2.20730E+01 2.32210E+01-9.89070E+01-3.14060E+00-2.00410E+01 8.70270E+00 1.01220E+010065  4.21450E
+02-1.19020E+00 1.24260E+00 2.90130E-02 3.00730E+040125        780108 4.45490E+04 1.22250E+03 2.2059
0E+01 2.32180E+01-9.88470E+01-3.11780E+00-2.00310E+01 8.69620E+00 1.01880E+010065  4.19870E+02-1.93
270E+00-4.91300E-01 3.51670E-02 4.45150E+040125        780108 4.48410E+04 1.22740E+03 2.20440E+01 2.
32150E+01-9.87820E+01-3.09300E+00-2.00210E+01 8.68900E+00 7.96940E+000065  4.13110E+02-2.17820E+00-
1.34120E-01 4.77970E-02 6.01220E+040125        780108 4.51340E+04 1.23220E+03 2.20280E+01 2.32110E+0
1-9.87160E+01-3.06820E+00-2.00120E+01 8.68170E+00 8.14020E+000065  4.22030E+02-2.75090E+00-6.90530E
-01 3.63820E-02 4.62530E+04^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
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***** JOB DONE.
$WEO LPS

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ISEE-1

HOURLY AVERAGED SOLAR WIND PLASMA

DENSITY VELOCITY, PROTON TEMPERATURE DATA

77-102A-01L

This data set has been restored. There was originally one 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 VAX 11 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 |
|---|---|---|---|---|
| DR03708 | DS03708 | D-64088 | 1-3 | 10/30/77 - 12/31/79 |

| REQ. AGENT | RAND NO. | ACQ. AGENT |
|---|---|---|
| GLS | V0265 | HKH |

ISEE 1

HOURLY AVERAGED SOLAR WIND PLASMA
DENSITY VELOCITY, PROTON TEMPERATURE DATA

77-102A-01L

This data set catalog consists of one tape. The tape is 1600 BPI, ASCII, 9 track, and contains 3 files of data. It was previously a standard labeled tape created on a VAX 11 computer, but the header and trailer files were removed to leave the data files only. The D and C numbers along with the time span are as follows:

| D# | C# | TIME SPAN |
|---|---|---|
| D-64088 | C-24137 | 10/30/77 - 12/31/79 |

ISEE-1 X-FAN

Tape is a standard labelled tape written on the VAX 780 / VMS ver 3.6. The label is NSSDC.

The tape was written as 9 track, 1600 bpi, 2048 byte blocksize

There are 3 files

| | | |
|---|---|---|
| Seven7.7 | 835 records | (1977 season) |
| Seven8.7 | 2128 " | (1978 " ) |
| Seven9.7 | 2119 " | (1979 " ) |

The format of each record is 2I12, 3E12.5
The data on each record is

Date (YYMMDD)
UT (HHMM). The mid point of the hour over which the data is averaged.
Density ($1/cm^3$)
Velocity (km/sec)
Temperature (K)

Los Alamos
Los Alamos National Laboratory
Los Alamos, New Mexico 87545

DATE: 14 September 1984
IN REPLY REFER TO: ESS-8:84-1046
MAIL STOP: D438
TELEPHONE: 505/667-5389

Dr. J. Vette
National Space Science
Data Center
Code 601.4
Goddard Space Flight Center
Greenbelt, MD 20771

Dear Dr. Vette:

Enclosed are the following items which we are submitting for archival storage in the National Space Science Data Center:

Tape - 1-hour averages of Imp 8 solar wind plasma data (density, velocity, proton temperature) from 1/12/79 through 12/31/83.

Tape - 1-hour averages of ISEE-1 solar [redacted]

Slides - 12-hour color spectrograms of ISEE-3 electron data from 10/17/82 through 10/24/82 and from 12/19/82 through 4/20/83. This covers the interval of ISEE-3's 1st short and 1st long pass into the distant geomagnetic tail.

Listing - Print out of data contained on the Imp tape.

Microfiche - Plots and listings of data contained on the ISEE-1 solar wind tape.

Attached to this letter are instructions for reading each of these tapes and a description of the format for the ISEE-3 color spectrograms.

D[illegible] Bame is the Principal Investigator for each of these experiments. P[illegible] Dr. [illegible]) if you have any questions concerning these data [illegible].

Sincerely,

J. T. Gosling

J. T. Gosling

JTG/st

Enc. a/s

Cy: S.J. Bame
CRM-4 (2)

An Equal Opportunity Employer/Operated by University of California

D-64088

10/30/77 - 12/31/79

```
$JOB    8:47:17
$ASS IN TA1
$NOP *** LIST OF GOUT1 ******
$AVF IN
$EXE TPLIST BS

INPUT PARAMETERS ARE:   AS FL=1=1

 TAPE NO.   1              FILE NO.   1
 RECORD   1                LENGTH   2048
0053 771030   330      8.8529     401.6100  2.2136E+050053 771030    430      8.4043     421.5400  1.2
847E+050053 771030    530      7.5404     414.5200  1.1266E+050053 771030    630      6.1377     414.25
00  9.5144E+040053 771030    730      6.4181     452.7300  1.2016E+050053 771030    830      5.6824
 498.2300  1.5850E+050053 771030    930      6.1493     513.2000  1.7444E+050053 771030   1030       4.
9487     523.5700  2.0518E+050053 771030   1130      5.6361     529.2700  1.8636E+050053 771030   1230
     6.1158     534.6300  1.6750E+050053 771030   1330      6.5847     544.8900  1.9858E+050053 771030
  1430      6.2075     538.4000  1.9725E+050053 771030   1530      6.4328     532.8700  1.9106E+050053
 771030  2130      2.5152     525.7600  1.2918E+050053 771030   2230      2.3185     518.1800  1.0660E
+050053 771030   2330      2.1463     523.2400  1.0674E+050053 771031    130      1.9466     512.3300
7.6572E+040053 771031    230      1.9283     497.7000  6.9644E+040053 771031    330      1.6879     494
.5000  6.3950E+040053 771031    430      1.9202     487.3100  6.0778E+040053 771031    530      2.5102
   481.6800  6.1641E+040053 771031    630      2.5825     470.6100  5.6675E+040053 771031    730
 2.6459     465.3200  5.8389E+040053 771031    830      2.5545     458.8800  5.4658E+040053 771031    9
30      2.8171     453.6600  5.6860E+040053 771031   1030      2.6245     452.6900  5.8772E+040053 771
031  1130      2.8378     445.8700  6.3415E+040053 771031   1230      2.8193     432.4700  6.5256E+040
053 771031  1330      2.9519     436.1200  6.5049E+040053 771031   1430      3.3837     431.1600  6.53
04E+040053 771031  1530      3.3082     419.5300  6.3239E+040053 771031   1630      4.7336     424.480
0  5.4941E+040053 771031  1730      5.8266     420.7300  5.1039E+040053 771031   1830      3.9815
400.6700  6.7045E+040053 771031  1930      4.4223     387.0600  7.8655E+040053 771031   2030       7.8
214      392.1300  7.3960E+040053 771031   2130      8.7809     398.9400  5.5507E+040053 771101   1230
     8.7993     417.2400  9.7900E+04^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

 TAPE NO.   1              FILE NO.   1
 RECORD   22               LENGTH   2048
0053 771230   330      7.0389     378.1900  9.6733E+040053 771230    430      7.8265     387.9500  7.7
241E+040053 771230    530      9.7550     383.0300  8.6050E+040053 771230    630      9.9529     377.09
00  1.0485E+050053 771230    830      11.8360     366.9000  7.2566E+040053 780101    330      15.5170
 349.3700  6.1705E+040053 780101    430      16.3630     362.5100  6.5303E+040053 780101    530      14.
4850     380.7100  6.6187E+040053 780101    630      7.6789     377.0700  1.0692E+050053 780101    730
     6.2189     382.6700  1.1154E+050053 780101    830      7.2018     391.5800  1.0973E+050053 780101
   930      6.4809     384.8100  1.1555E+050053 780101   1030      7.2577     390.5000  1.1033E+050053
 780101  1130      8.2945     385.0300  9.7372E+040053 780101   1230      8.7419     381.6400  9.9459E
+040053 780103   2030      20.6540     446.5500  2.2108E+050053 780103   2130      23.1790     502.9900
3.3257E+050053 780103   2230      25.8830     504.1000  3.8379E+050053 780103   2330      23.2210     464
.9800  5.2922E+050053 780105   2130      10.8440     673.7800  2.5248E+050053 780105   2330      11.6490
   588.3000  2.3772E+050053 780106    130      12.0390     597.8900  1.1042E+050053 780106    230
 7.0351     618.1900  4.0426E+040053 780106    330      7.6536     617.4300  7.5541E+040053 780106    4
30      8.5032     495.6200  4.2126E+050053 780106    530      8.8950     473.2300  2.8075E+050053 780
106    630      22.7210     470.7700  4.2750E+050053 780106    730      4.6825     604.5900  2.6755E+040
053 780108    430      22.1540     432.2000  5.2649E+040053 780108    530      18.3840     435.7200  3.09
04E+040053 780108    630      16.3280     424.9000  1.7944E+040053 780108    730      18.7470     425.870
0  1.6804E+040053 780108    830      23.8850     426.6900  1.6989E+040053 780108    930      27.8720
424.2000  1.5385E+040053 780108   1030      17.1040     420.7200  2.9090E+040053 780108   1130      14.4
910      422.6200  3.1566E+040053 780108   1230      10.2340     418.7700  4.0615E+04^^^^^^^^^^^^^^^^^^^^
^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

***** JOB DONE.
$AVF IN 4
$EXE TPLIST BS

INPUT PARAMETERS ARE:   AS FL=1=1

 TAPE NO.   1              FILE NO.   1
 RECORD   1                LENGTH   2048
```

```
0053 780602  1430     81.5850     593.4900  9.0226E+050053 780602  1530      65.0880     617.5700  1.0
953E+060053 780602  1630      25.4660     556.0400  6.8599E+050053 780602  1730       6.1204     562.10
00  3.6333E+050053 780602  1830      12.6280     594.0500  5.6937E+050053 780602  1930      58.2440
 525.3000  1.0231E+060053 780626   230      21.1300     489.5300  1.3059E+050053 780626   330      19.
5370     503.8400  1.1498E+050053 780626   430      16.7140     492.9400  1.4066E+050053 780706   630
    8.1391     443.2200  3.1585E+040053 780706   730      13.2820     434.0100  3.3935E+040053 780706
   830       9.0569     417.9500  4.4133E+040053 780706  1330      11.2510     410.9300  4.7038E+040053
 780706  1430      15.4840     417.3200  7.8766E+040053 780706  1530      12.0780     422.8900  4.6865E
+040053 780706  1630       8.6347     442.5300  2.6349E+040053 780706  1830      15.9020     422.2400
4.5845E+040053 780706  1930      17.8890     422.5700  3.6849E+040053 780706  2030      16.4410     423
.9200  3.3456E+040053 780708  1130       6.6712     438.8800  9.9227E+040053 780708  1230       6.7109
   442.4500  1.1338E+050053 780708  1330       7.1082     419.0300  1.4059E+050053 780708  1430
 6.9609     530.7800  1.8918E+050053 780708  1530       8.0537     525.3900  1.1392E+050053 780708  17
30      12.9380     476.9200  6.6409E+040053 780708  1830      17.6890     482.3100  4.5067E+040053 780
708  1930      17.8860     480.1000  3.5946E+040053 780708  2030      16.6310     478.4300  2.8884E+040
053 780708  2130      14.0900     475.1800  3.9511E+040053 780708  2230       9.4928     464.6500  3.94
51E+040053 780708  2330      11.2970     456.3000  4.5913E+040053 780709    30       9.2074     441.840
0  7.2026E+040053 780709   130       8.9163     451.4500  7.7767E+040053 780709   230       9.5590
444.9800  8.0674E+040053 780709   330       8.3571     453.0700  6.2278E+040053 780709   430       7.2
881     453.5500  4.8230E+040053 780709   530       8.1532     454.3100  6.4292E+040053 780713    30
    9.5205     404.1400  6.2075E+04^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

 TAPE NO.   1              FILE NO.   1
 RECORD   56               LENGTH   2048
0053 781225  1930       8.0908     381.4900  9.7323E+040053 781225  2030       8.0090     400.3200  2.1
397E+050053 781225  2130       6.5576     449.8200  4.3238E+050053 781225  2230       6.5615     440.95
00  4.1935E+050053 781225  2330       7.4876     390.7600  2.9459E+050053 781226    30       6.2576
 366.2100  1.3158E+050053 781226   130       6.5405     339.0500  1.3157E+050053 781226   230       5.
5722     343.8500  1.7634E+050053 781226   830       5.5099     430.0300  1.5612E+050053 781226   930
    7.3933     410.1000  1.3211E+050053 781227  1730       6.5679     374.2600  7.3307E+040053 781228
   330      13.3800     371.9400  3.7212E+040053 781228   730       5.2731     391.5900  1.8322E+050053
 781228  1330       4.9944     478.7000  1.7554E+050053 781228  1430       4.0692     455.7600  2.1012E
+050053 781228  1530       4.1875     446.8300  2.1603E+050053 781228  1630       4.4596     473.8100
2.1264E+050053 781230   530       4.4038     619.0900  5.1621E+050053 781230   630       4.7350     680
.4000  4.8539E+050053 781230   730       4.1785     629.9100  3.8804E+050053 781230   830       4.0026
   601.2700  6.5779E+050053 781230   930       3.2554     672.9300  5.1005E+050053 781230  1030
 2.9108     688.7700  4.9393E+050053 781230  1130       2.6879     722.9200  5.3690E+050053 781230  12
30       2.7594     722.2300  5.8905E+050053 781230  1330       2.2947     700.1600  5.3289E+050053 781
230  1430       2.4033     671.8200  3.8283E+050053 781230  1530       2.3567     647.1000  2.8192E+050
053 781230  1630       2.5434     628.6800  2.0808E+050053 781230  1730       2.5460     607.5500  2.14
85E+050053 781230  1830       2.5995     607.3700  2.1024E+050053 781230  1930       3.0089     621.740
0  1.9339E+050053 781230  2030       3.7067     627.9900  2.4566E+050053 781230  2130       3.9102
657.9600  2.6882E+050053 781230  2230       3.6279     674.6700  2.8755E+050053 781230  2330       3.0
819     630.3000  2.6360E+050053 790101  2130       2.0962     556.7400  4.8021E+040053 790101  2230
    2.4229     554.6600  9.0174E+04^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

***** JOB DONE.
$AVF IN 7
$EXE TPLIST BS

INPUT PARAMETERS ARE:   AS FL=1=1

 TAPE NO.   1              FILE NO.   1
 RECORD    1               LENGTH   2048
0053 790706  1930      12.1200     658.0900  6.6376E+050053 790706  2030      10.6900     629.8900  7.1
430E+050053 790706  2130      11.8090     625.9400  5.9853E+050053 790706  2230       9.8037     610.54
00  5.1661E+050053 790706  2330       9.1159     610.0100  5.1327E+050053 790707    30      10.0980
 615.0100  3.7971E+050053 790707   130       9.8686     598.6100  3.2764E+050053 790707   230       8.
4313     594.4300  2.5384E+050053 790707   330       6.0604     591.5900  2.2946E+050053 790707   430
    5.8966     580.6500  2.5510E+050053 790707   530       7.1589     571.2100  2.0875E+050053 790707
   630       6.0448     577.8000  2.0079E+050053 790709   130       6.7946     399.6500  2.9583E+040053
 790709   230       6.9128     372.0800  4.9520E+040053 790709   330       7.3106     364.8500  7.1002E
+040053 790709   430       8.3238     360.0300  8.2020E+040053 790709   530       6.0038     361.2100
5.9691E+040053 790711  2030      12.8110     320.3300  2.1140E+040053 790711  2130      14.1290     317
.0300  1.6568E+040053 790711  2230      12.8220     308.0900  1.4797E+040053 790711  2330      11.6600
    303.8900  1.7674E+040053 790712    30      14.6210     301.0600  2.1180E+040053 790712   130
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15.2540     299.6600  2.0890E+040053 790712    230      13.7940     297.6200  1.8925E+040053 790713  17
30     20.8460     319.3000  1.0262E+050053 790714    230      13.0890      348.6600  1.1793E+050053 790
714    430      14.6500      342.7200  1.3941E+050053 790716  1130        6.6194      404.8600  4.8972E+040
053 790716  1230        6.9444      399.7300  6.1443E+040053 790716  1330        7.7027      425.5400  7.87
07E+040053 790716  1430        6.6143      438.7800  8.2729E+040053 790716  1530        5.3203      436.840
0  9.4880E+040053 790716  1630        12.4760      363.5800  2.0262E+050053 790716  1730        9.3533
387.0500  2.0420E+050053 790716  1830        5.0254      498.1100  1.5879E+050053 790716  2030        4.3
369     502.5600  1.5275E+050053 790718  1430        4.7233      462.3700  3.2840E+050053 790718  1530
    4.2863     478.8100  2.7459E+05^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

 TAPE NO.   1             FILE NO.   1
 RECORD   56              LENGTH   2048
0053 791224  1530       14.0670      335.9700  4.3465E+040053 791224  1630       14.5840      342.9700  4.8
049E+040053 791225  2030        35.5560      322.0500  3.1246E+040053 791230  1830       10.4030      402.18
00  2.1232E+040053 791230  1930       10.4490      399.6100  1.8516E+040053 791230  2030       10.7240
 398.5200  1.7220E+040053 791230  2130       15.4760      393.5600  2.8164E+040053 791230  2230       12.
4230     395.0300  1.6960E+040053 791230  2330       15.3700      395.8200  1.5810E+040053 791231     30
   12.8220     387.3200  1.5718E+040053 791231   130       10.0570      385.8000  2.3383E+040053 791231
  230      8.0957      406.2900  2.8524E+040053 791231   330        9.4611      391.3000  3.1639E+040053
791231    430      13.9090      403.5300  4.6823E+040053 791231   530       13.0140      417.7100  4.2664E
+040053 791231   630        9.1650      429.0700  9.0389E+040053 791231   730        5.3715      428.6600
1.1245E+050053 791231   830        5.3572      420.1400  1.1048E+050053 791231   930        6.5943      409
.0200  1.1725E+050053 791231  1030        6.4861      403.1500  1.0369E+050053 791231  1130        6.8134
   406.9300  8.7077E+040053 791231  1230        7.3655      394.6800  9.9342E+040053 791231  1330
 7.2936     375.3600  1.0998E+050053 791231  1430        8.0623      388.3800  7.6744E+040053 791231  15
30      8.8683     388.9300  7.8592E+040053 791231  1630        8.6181      397.3000  7.3633E+040053 791
231  1730        8.8362      390.9000  7.0121E+040053 791231  1830        9.5836      386.8000  5.6811E+040
053 791231  1930       11.8300      369.0400  6.0356E+04^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
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***** JOB DONE.
$WEO LPS

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