ISEE-1

9-SEC/18-SEC ELECTRON MOMENTS (N,V,T,H)

77-102A-02D

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

REQ. AGENT	ACQ. AGENT
CMW	SK

ISEE-1

FAST PLASMA ELECTRON

9-SEC/18-SEC ELECTRON MOMENTS (N,V,T,H)

77-102A-02D SPMS-00119

This data set consists of 1 magnetic tape. The tape is VAX labeled (ISEE1) in ASCII followed by a BINARY data file and a ASCII trailer file, 6250 bpi, 9 track, with 5 data files, created on the VAX 8810 computer using the DCL COPY command to copy the files from disk to tape. The C tape is on a 6250 magnetic tape, labeled NL. This tape replaces the data on D-82766-805 and C-27954-993. These 40 D and C tapes were released. The D and C numbers and the time spans are as follows:

D#	C#	DATA FILES	LABEL	TIME SPAN
D-87472	C-29384	2	ISEE1	10/29/77 - 01/18/78
		5		01/25/78 - 03/12/78
		8		04/11/78 - 06/11/78
		11		07/01/78 - 10/02/78
		14		10/03/78 - 12/31/78

Ralph,

We have recently received from Frank Ottens a replacement dataset for Ogilvie's ISEE-1 data. Currently his last data submission is archived as 77-102A-02D, "12-SEC ELECTRON PARAMETERS" and consists of 40 tapes. We never got any documentation from them for those tapes. These 40 tapes can now be released.

Frank has now provided one tape which has reprocessed data for the same time period. (The old tapes apparently had a number of parameters which were not very useful and the format was also not very useful). He has also provided with this one tape a page describing the data format and a description of the parameters.

I suggest that we re-use the same data set ID number (-02D) and replace the old 40 tapes with this one tape, and change the name of the data set as indicated below.

Sumant

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Spacecraft: ISEE-1
Experiment ID: 77-102A-02
Experiment name: Fast Electrons
PI: K.W. Ogilvie, Code 692, GSFC.

Replacement data for 77-102A-02D.

Dataset Short name:

9S/18S ELECTRON MOMENTS (N,V,T,H)
123456789012345678901234567890123

Long name:

9-SEC/18-SEC ELECTRON MOMENTS (N,V,T,H)
12345678901234567890123456789012345678901

FROM VECTOR ELECTRON SPECTROMETER
1234567890123456789012345678901234567890 12

Time Span of Data: 1977-OCT-29 to 1978-DEC-12

Data Set Contact: OGILVIE

Dr. Keith W. Ogilvie
Code 692, GSFC
Phone: 286-5904

NASA HQ Program area: 5D

Type of dataset: 3

Data Set Materials for Distribution:

Description of data format (1 pg).

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Thanks.

Sumant

Documentation for NSSDC data set 77-102A-02D
(9s/18s Electron Moments)
From ISEE-1 Vector Electron Spectrometer (PI: K.W. Ogilvie, GSFC)

The enclosed tape was created on the NASA/GSFC Laboratory For Extraterrestrial Physics' (LEP) VAX 8810 computer using the DCL COPY command to copy the files from disk to tape. The tape you are receiving is a labelled tape (label = ISEE1), written at a density of 6250 and should be mounted with a blocksize of 30720. The tape contains 5 files as follows:

FOR016_77301_78017.DAT
FOR016_78024_78070.DAT
FOR016_78100_78161.DAT
FOR016_78181_78274.DAT
FOR016_78275_78364.DAT

Each record consists of 20 words, three of which are integer, and 17 real. The information contained on each record is as follows:

Word 1	INTEGER*4	year
Word 2	INTEGER*4	decimal day (Jan 1 = day 0)
Word 3	INTEGER*4	millisecs of day
Word 4	REAL*4	geocentric radius of s/c location
Word 5	REAL*4	gse x
Word 6	REAL*4	gse y
Word 7	REAL*4	gse z
Word 8	REAL*4	electron density (el/cm cm cm)
Word 9	REAL*4	electron temperature (degrees K) $= (T_{\parallel} + 2T_{\perp})/3$
Word 10	REAL*4	parallel to perpendicular temperature anisotropy
Word 11	REAL*4	bulk flow ux (gse, cm/sec)
Word 12	REAL*4	bulk flow uy (gse, cm/sec)
Word 13	REAL*4	bulk flow uz (gse, cm/sec)
Word 14	REAL*4	heat flux hx (gse, ergs/cm cm /sec)
Word 15	REAL*4	heat flux hy (gse, ergs/cm cm /sec)
Word 16	REAL*4	heat flux hz (gse, ergs/cm cm /sec)
Word 17	REAL*4	data pool tape 64 sec mag field bx (gse, nT)
Word 18	REAL*4	data pool tape 64 sec mag field by (gse, nT)
Word 19	REAL*4	data pool tape 64 sec mag field bz (gse, nT)
Word 20	REAL*4	s/c potential (elec volts)

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NOTE:

Time corresponds to the start of collection, i.e. the start of the spin. Time between records will be approx 9.12 sec or 18.24 sec depending on the bit rate. This is becuse although data are collected over a single spin (3 sec), data are then read out over multiple spins.

Because our data reads out more often than the magnetic field data used, i.e. 64 sec for the magnetic field, vs. approx 9.12 or 18.24 sec for our data,the same magnetic field record was used multiple times. No interpolation was done on the magnetic field record.

Under certain conditions some of the above should not be used. Magnetic Field bx, by, bz values of -0.1E+10 should be skipped, as should any 0.0 readouts, and readouts equal to 1.7E36 or -1.7E36.

If questions arise, please contact Franklin Ottens (301-286-6674), or Richard Fitzenreiter (301-286-6825).

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RECORD COUNT OF TAPE CMW009/C-29384

D-87472

Start/Stop Time

10/29/77 – 01/18/78

01/25/78 – 03/12/78

04/11/78 – 06/11/78

07/01/78 – 10/03/78

10/03/78 – 12/31/78

RECORD TYPE: VARIABLE

FILE:	1	RECORDS:	5	MAX SIZE:	80	MIN SIZE:	80
FILE:	2	RECORDS:	1144	MAX SIZE:	30720	MIN SIZE:	30720
FILE:	3	RECORDS:	4	MAX SIZE:	80	MIN SIZE:	80
FILE:	4	RECORDS:	4	MAX SIZE:	80	MIN SIZE:	80
FILE:	5	RECORDS:	641	MAX SIZE:	30720	MIN SIZE:	30720
FILE:	6	RECORDS:	4	MAX SIZE:	80	MIN SIZE:	80
FILE:	7	RECORDS:	4	MAX SIZE:	80	MIN SIZE:	80
FILE:	8	RECORDS:	806	MAX SIZE:	30720	MIN SIZE:	30720
FILE:	9	RECORDS:	4	MAX SIZE:	80	MIN SIZE:	80
FILE:	10	RECORDS:	4	MAX SIZE:	80	MIN SIZE:	80
FILE:	11	RECORDS:	1157	MAX SIZE:	30720	MIN SIZE:	30720
FILE:	12	RECORDS:	4	MAX SIZE:	80	MIN SIZE:	80
FILE:	13	RECORDS:	4	MAX SIZE:	80	MIN SIZE:	80
FILE:	14	RECORDS:	963	MAX SIZE:	30720	MIN SIZE:	30720
FILE:	15	RECORDS:	4	MAX SIZE:	80	MIN SIZE:	80

END OF TAPE

TOTAL BYTES ON TAPE = 144725200

012D (HEX) 301

(day 0 = January 1)

FILE 2 RECORD 1 (yr. 77) (day 301) 30720 BYTES

0)	30303834	4D000000	2D010000	AE1CB902	9748E63C	88482698	0FC78F29	F94700A1	8B42D34D	2B490086
40)	74405436	DCCC600E	5C4C2C06	7A4BA0A5	47BD283B	AD3D806C	043E36E4	15C18A59	3DC148DC	FCC166DA
80)	32406685	30303834	4D000000	2D010000	0246B902	97482632	8848338F	0EC771F9	F947668D	8F426C89
120)	2A49C029	83406328	C4CC2665	844CAE68	B74BF0DE	6ABD7C4D	903D3794	D93D04DF	15C18A59	3DC148DC
160)	FCC166DA	2B401404	30303834	4D000000	2D010000	4B5BB902	97488D2C	8848A68A	0EC7A4E0	F9473383
200)	8F4261B2	294900B0	75405DA7	DECCC8A8	714C44B0	A74B4464	07BDA1E1	6E3D5A6C	DC3D4249	15C18A59
240)	3DC148DC	FCC166DA	2940868E	30303834	4D000000	2D010000	397BB902	97483324	8848B383	0EC77BBB
280)	F9473374	8D42E5F2	284900B1	88405839	DACC388D	7A4CCCD8	A24BB8E0	23BD04F9	8B3D3E2F	F03D12BA
320)	15C18A59	3DC148DC	FCC166DA	2A401CD0	30303834	4D000000	2D010000	279BB902	9748E61B	8848CD7C
360)	0EC74896	F9470065	9342A3A3	29490043	864089D2	DFCC4675	804CAA89	B24B9C38	9BBC96E9	853D043F
400)	E63DA296	15C18A59	3DC148DC	FCC166DA	294016DE	30303834	4D000000	2D010000	15BBB902	97488D13
440)	8848F375	0EC71F71	F947CD55	93428FE4	2B49C01D	8640DC11	E6CC3E8F	6D4C08B9	444B8083	45BDF045
480)	B43D5A6D	093EC2F8	15C18A59	3DC148DC	FCC166DA	2840340F	30303834	4D000000	2D010000	03DBB902
520)	9748330B	88480D6F	0EC7EC4B	F9479A46	92426ACD	2C498064	87403659	D3CCAE37	634C4C5C	504BE003
560)	B4BCA0FB	543D750E	003E5188	15C18A59	3DC148DC	FCC166DA	28400550	30303834	4D000000	2D010000
600)	F1FAB902	9748DA02	88482668	0EC7C326	F9476637	8C42A234	2C49804D	7240AC01	E0CC1AB9	6C4C0C20
640)	754B08D9	0ABD7C96	A73D3E32	113E9271	15C18A59	3DC148DC	FCC166DA	2F40A244	30303834	4D000000
680)	2D010000	DF1ABA02	964880FA	88484061	0EC78501	F9476628	8D428885	2A49C02A	70407A1A	E4CC329D
720)	7A4CBCFC	C44BB44A	46BD5DDC	AF3D64A8	F23DCC7D	FFC030F5	31C1F437	07C2F111	2E400B26	30303834
760)	4D000000	2D010000	0B3CBA02	9648DAF1	88481A5A	0DC7ECDA	F9479A18	8F42A5CE	284940E8	7840C808
800)	DECC008F	784C889C	A84B8865	77BDE8A4	893DCBD4	EB3DCB0D	FFC030F5	31C1F437	07C2F111	2B408EEB
840)	30303834	4D000000	2D010000	B55FBA02	96488DE8	88486652	0DC75CB1	F9479A07	90427F59	2949C03D
880)	76401C9A	E3CC96EE	4D4CB0E0	EE4BC479	C1BC8DFB	9B3DDA86	003E2BD7	FFC030F5	31C1F437	07C2F111
920)	2B40C4EE	30303834	4D000000	2D010000	267DBA02	9648CDE0	8848004C	0DC7148F	F8479AF9	9242C65C
960)	2A49C00B	8440C520	CCCC488B	824C122A	A84B70AF	10BD1BE2	3A3D091E	E23D6289	FFC030F5	31C1F437
1000)	07C2F111	2A404E45	30303834	4D000000	2D010000	CFA0BA02	964873D7	88484D44	0DC78565	F8479AE8
1040)	9642E9A6	2749C0FA	7240FBAC	C6CCF061	834C3637	D14BE8A4	95BDFA8C	AB3DD701	EF3D8436	FFC030F5
1080)	31C1F437	07C2F111	21404CFC	30303834	4D000000	2D010000	02BDBA02	96481AD0	8848333E	0DC7A444
1120)	F84733DB	8B42B3FB	2949C067	74400EF8	E3CC788F	6A4C3CA1	A94BA470	47BD6D7D	833DB6DA	013E1821
1160)	FFC030F5	31C1F437	07C2F111	3040C076	30303834	4D000000	2D010000	ACE0BA02	9648C0C6	88487336
1200)	0DC7141B	F84733CA	9142B81E	29498095	7040B742	D7CCE259	694CBC4F	B94B2071	99BD90D9	BC3DB973
1240)	103EEBC5	FFC030F5	31C1F437	07C2F111	2C405455	30303834	4D000000	2D010000	DEFCBA02	964866BF
1280)	88485A30	0CC73DFA	F847CDBC	9242C6DC	274900BB	74404432	D2CC2CA6	814C72B6	C94BE4F6	20BDB084
1320)	9B3DEF8C	113E700B	FFC030F5	31C1F437	07C2F111	25401D93	30303834	4D000000	2D010000	8720BB02
1360)	96480DB6	8848A628	0CC7AED0	F847CDAB	9342432D	264940C5	74407D5B	D2CCB013	714CE807	DB4BE494

1400)	78BD844D	A13D53A3	003EFE53	B0C080B7	20C1E752	07C22C8E	25403EE8	30303834	4D000000	2D010000
1440)	7B3BBB02	9648F3AE	8848CD22	0CC73DB1	F847009F	9142D111	2849003F	77407C26	D8CC64B3	764C6C1F
1480)	644BB803	85BD8841	BE3DA0E3	163ECDCA	B0C080B7	20C1E752	07C22C8E	2B4096B3	30303834	4D000000
1520)	2D010000	9063BB02	964873A4	88481A1A	0CC78F82	F847008C	95420091	2849802F	8440EDD8	CDCCA8C0
1560)	604CFCBD	624BA090	5BBDC8C1	BD3D2195	133E7A9C	B0C080B7	20C1E752	07C22C8E	2540B9FA	30303834
1600)	4D000000	2D010000	577BBB02	9648339E	8848E614	0CC7D766	F8479A80	924273E8	28498020	764084BC
1640)	D8CC9EA1	744CE039	924B1869	5DBDF697	BB3DD9F4	F13D574E	B0C080B7	20C1E752	07C22C8E	2540670A
1680)	30303834	4D000000	2D010000	6CA3BB02	9648C093	8848330C	0CC71F38	F8479A6D	91423B01	2949C0BA
1720)	7740D602	DBCC08F3	684CC885	D04B8C98	0ABD06F5	AF3D45C8	063EBFE6	B0C080B7	20C1E752	07C22C8E
1760)	2640F184	30303834	4D000000	2D010000	32BBBB02	9648808D	88480D07	0CC7661C	F8473362	9242BD52
1800)	29494098	7340B263	D6CC2A6D	7F4C147D	ED4BDC30	87BD3604	9A3DCBA0	DF3D9B48	B0C080B7	20C1E752
1840)	07C22C8E	26407C27	30303834	4D000000	2D010000	48E3BB02	96480083	874866FE	0BC7A4ED	F847004F
1880)	93421748	2949806D	7340E943	D8CCF00E	734CBCDB	FB4BEC67	80BDD311	923DD507	083EAEC6	B0C080B7
1920)	20C1E752	07C22C8E	2540EBE3	30303834	4D000000	2D010000	7404BC02	96484D7A	874826F7	0BC7F6C6
1960)	F847333F	95421CFC	2449C0FA	78402008	C6CCAEE9	674C2C28	EB4BF43D	12BD8456	083D1BB5	D13D02B1
2000)	95C06744	04C159DD	07C2A228	2240D2A6	30303834	4D000000	2D010000	BE19BC02	9648B374	87488DF2
2040)	0BC729AE	F8473335	98420B24	26498025	74401616	C7CC70B3	7F4CCC24	CA4B88C5	F7BC5B5E	853DEAD3
2080)	FE3DE515	95C06744	04C159DD	07C2A228	1F40BD51	30303834	4D000000	2D010000	AB39BC02	96485A6C
2120)	8748A6EB	0BC7EC88	F847CD25	9A42C887	264900E6	75402D3E	D2CC563B	8A4C96F7	0E4CB480	86BD7EC9
2160)	803DF40B	073EC99A	95C06744	04C159DD	07C2A228	1B40795D	30303834	4D000000	2D010000	9A59BC02
2200)	9648F363	8748A6E4	0BC7AE63	F8479A16	9042AD7A	2A49C0F8	8840ACAD	CFCCAAEE	6F4C7C3E	EA4B3C10
2240)	2ABD98EF	B23D2C38	383E29C5	95C06744	04C159DD	07C2A228	284040DD	30303834	4D000000	2D010000
2280)	8879BC02	96488D5B	8748C0DD	0BC77B3E	F8476607	91420523	2949005A	6D401843	D8CC0EEB	734C303B
2320)	DE4B5C38	ACBDA793	BD3DB40E	033EB96A	95C06744	04C159DD	07C2A228	26401E6B	30303834	4D000000
2360)	2D010000	7699BC02	96483353	8748CDD6	0BC73D19	F74733F8	8B4265AA	2C490063	7740A19D	D3CC7638
2400)	7C4CCCB3	974B98A7	51BD4E72	7C3D57D7	1A3E238C	95C06744	04C159DD	07C2A228	2F404851	30303834
2440)	4D000000	2D010000	63B9BC02	9648CD4A	8748DACF	0AC700F4	F74700E9	90428863	2649C076	73408942
2480)	CACC0215	7D4C449A	EA4B5470	4BBD3D15	A23DFB91	083E383B	95C06744	04C159DD	07C2A228	26401DE3
2520)	30303834	4D000000	2D010000	52D9BC02	96487342	8748E6C8	0AC7B8CE	F7479AD9	944258B9	2A49C0E1
2560)	73409833	C2CC9813	6F4C4C2D	094C404A	2BBDB559	973D797F	023EFD59	95C06744	04C159DD	07C2A228
2600)	2140D4B6	30303834	4D000000	2D010000	FCFCBC02	96480D39	874826C1	0AC71FA5	F7479AC8	8D425474
2640)	2C49C04B	73402365	DECC90A9	794CF0BF	A44BB889	66BD9529	AE3D694F	103E2281	9BC0E3DF	2CC10ABF
2680)	FCC1C139	2C40E17A	30303834	4D000000	2D010000	D223BD02	9648DA2E	8748A6B8	0AC7D777	F74700B6
2720)	9242985D	26498038	74408CF2	C0CCFA62	834C8885	F84BD013	83BD5F2F	C13DF75C	073E990C	9BC0E3DF
2760)	2CC10ABF	FCC1C139	2640B0AA	30303834	4D000000	2D010000	983BBD02	96488D28	874880B3	0AC7145C
2800)	F747CDAA	9642ECC0	264940AE	8A40A31E	DACC08E0	7F4C04EC	C34B0401	1DBD0D99	273DBB9B	FF3DFC52
2840)	9BC0E3DF	2CC10ABF	FCC1C139	2340A56A	30303834	4D000000	2D010000	AD63BD02	96480D1E	8748C0AA
2880)	0AC75C2D	F7479A97	90423A23	2F498084	6A401842	E3CC5EA4	714CB44A	864BD85F	1ABD80FF	D73D2A2B
2920)	293E103D	9BC0E3DF	2CC10ABF	FCC1C139	2740D9AF	30303834	4D000000	2D010000	747BBD02	9648CD17
2960)	87488DA5	0AC79A11	F747338C	954220C1	2849C041	7640A819	DECC2425	754C6C70	C54BA481	21BD6944
3000)	9D3DF3A8	143E8138	9BC0E3DF	2CC10ABF	FCC1C139	2340FEF0	30303834	4D000000	2D010000	8AA3BD02
3040)	96484D0D	8748DA9C	09C7D7E2	F7470079	8B42BEC1	2949007C	73402190	D5CC3C3E	754CB054	AB4B90B9
3080)	DDBC5D56	5B3D8A77	003EB658	9BC0E3DF	2CC10ABF	FCC1C139	2A409C52	30303834	4D000000	2D010000
3120)	50BBBD02	96480007	8748A697	09C714C7	F7479A6D	9142DE71	2949C0AE	7640793B	E9CCD25C	644C24E2
3160)	CF4B508F	C9BBC46B	9F3DEA64	E03D58A9	9BC0E3DF	2CC10ABF	FCC1C139	26401095	30303834	4D000000
3200)	2D010000	C1D8BD02	954840FF	87484091	09C7B8A4	F7479A5F	9942A156	2849C038	71406CCE	D2CCEAC9
3240)	814CB870	0F4C9CE7	63BDB204	A43D817C	003E2130	9BC0E3DF	2CC10ABF	FCC1C139	1E407A71	30303834
3280)	4D000000	2D010000	6BFCBD02	9548E6F5	87487389	09C71F7B	F747664E	9442EC51	294900A0	8840554D
3320)	D3CC40A5	5C4C88F9	AE4B2437	BABCE7BA	AB3DFAE0	153E7B93	D9BFA4AA	BDC03C4E	03C21E33	2440E50D
3360)	30303834	4D000000	2D010000	DC19BE02	95481AEE	87480D83	09C7C358	F7476640	9542280F	27494052
3400)	8640A0E0	C9CC921C	874C0CBC	8A4B48D2	03BDFE6D	A53DE360	F73D5DD1	D9BFA4AA	BDC03C4E	03C21E33
3440)	21405F97	30303834	4D000000	2D010000	863DBE02	9548B3E4	8748407B	09C7292F	F747332F	9A428104
3480)	254980E2	86403125	D4CCD22B	834C1ED1	214C9C3A	42BD3513	8E3D9ACE	F43D45B9	D9BFA4AA	BDC03C4E
3520)	03C21E33	1D400C3A	30303834	4D000000	2D010000	B759BE02	95484DDD	87481A75	09C73D0E	F747CD21
3560)	9D428048	2149805A	854046D3	C6CCDCD9	864CD8B9	154CD2FB	53BD5122	403DCD33	F83D8567	D9BFA4AA
3600)	BDC03C4E	03C21E33	1A40677D	30303834	4D000000	2D010000	617DBE02	9548E6D3	87484D6D	08C79AE4
3640)	F7479A10	9842ED1E	28498083	8640D34D	CCCCF466	7C4C5463	BC4B9837	81BD5776	913DFA4C	143EF05D
3680)	D9BFA4AA	BDC03C4E	03C21E33	1D40C346	30303834	4D000000	2D010000	9499BE02	954873CC	87482667
3720)	08C7AEC3	F7473303	96420F8B	2849C0DA	714067B8	CFCCDC8A	8E4CC042	114CAA9B	A3BD9902	C63DF908
3760)	0B3E8C31	D9BFA4AA	BDC03C4E	03C21E33	1F400AD7	30303834	4D000000	2D010000	E7C2BE02	95488DC1

30200)	74CCB0D7	E54B782E	9F4B301C	CBBDC8B3	5A3BE101	313D4537	6ECF286B	6ECF286B	6ECF286B	7A3FD90A
30240)	30303834	4D000000	2D010000	E941E602	8A4880F5	7C4800A2	B4C60016	E347003B	9E423255	A149A0DA
30280)	6B40C421	A7CC0837	864CCAFE	014C6037	70BC7228	5D3C7116	843CD619	6ECF286B	6ECF286B	6ECF286B
30320)	0740639C	30303834	4D000000	2D010000	D761E602	8A4873EC	7C48B392	B3C629CA	E3479A2A	B442499D
30360)	9949A04A	76404FEB	0FCCDE5F	9A4B940D	734B081D	A4BDF467	C43C2C2D	983D5788	6ECF286B	6ECF286B
30400)	6ECF286B	FC3FE195	30303834	4D000000	2D010000	C581E602	8A4866E3	7C484D83	B3C6527E	E347001A
30440)	7F421B2F	7B494060	6F40F31E	D1CC9426	DF4B848C	4B4B086D	BFBC6746	993C9F5D	CF3C1093	6ECF286B
30480)	6ECF286B	6ECF286B	35409F94	30303834	4D000000	2D010000	B3A1E602	8A484DDA	7C48E673	B3C66632
30520)	E3476609	5C43B3FB	914960F0	4640700B	68CCF800	A74BAC65	374C74F1	1EBEDB48	323EA410	FE3DAB5E
30560)	6ECF286B	6ECF286B	6ECF286B	643F9774	30303834	4D000000	2D010000	A1C1E602	8A4840D1	7C489A64
30600)	B2C67BE6	E247CDF8	02438992	F949C039	894040FB	8FCC58C2	FC4B4C0C	964B0C2B	183CA671	F8BCD3ED
30640)	6FBD6F82	6ECF286B	6ECF286B	6ECF286B	8E3F09C5	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
30680)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E

of F2 R1

FILE 2 RECORD 1144 30720 BYTES

		4x.78	day 17							
0)	30303834	4E000000	11000000	99AB0805	0348665F	6B47CD24	E2C7CD8F	F946D737	AD3FFFB0	A94B04A2
40)	4B40E6B0	00000000	00000000	00000000	35BE78DA	91BC52D3	CFBE1190	51C229ED	B2C3FE54	67446D07
80)	00000000	30303834	4E000000	11000000	E6F20805	03481A1C	6B470038	E1C733FE	F8461F53	A73F594D
120)	AC4B8C9E	4940ED7E	00000000	00000000	00000000	82BE2BEA	5ABEEB64	463DFE7D	51C229ED	B2C3FE54
160)	67446D07	00000000	30303834	4E000000	11000000	323A0905	02489AD8	6B47334B	E1C7666C	F746296E
200)	A83F4BB0	AC4B4405	36409C6D	00000000	00000000	00000000	723D904D	6BBD6309	ACBC39B1	51C229ED
240)	B2C3FE54	67446D07	00000000	30303834	4E000000	11000000	7E810905	02481A95	6B479A5D	E0C79ADA
280)	F646F688	AB3F4147	A84BCC3F	48405FCE	00000000	00000000	00000000	313D6D1C	A0BE272A	2DBE80D8
320)	3BC21F85	B7C368E2	6C44CBA1	00000000	30303834	4E000000	11000000	CBC80905	02488051	6B476670
360)	E0C76648	F54685A3	AA3FD40F	B04B1436	4A400038	00000000	00000000	00000000	58BB730D	EFBDA92C
400)	683D82BC	3BC21F85	B7C368E2	6C44CBA1	00000000	30303834	4E000000	11000000	17100A05	0248E60D
440)	6B47CD82	DFC700B6	F446D7BD	AA3F9815	A94B58E4	48405551	00000000	00000000	00000000	DE3D3E0E
480)	B43E12ED	27BE90D4	3BC21F85	B7C368E2	6C44CBA1	00000000	30303834	4E000000	11000000	64570A05
520)	014833CA	6B47CD94	DFC76623	F34600D8	A53FE78B	AF4B44E8	9840821C	00000000	00000000	00000000
560)	9ABE395A	4E3CAEB4	043E08B3	27C2705F	BEC3C226	72443D0A	00000000	30303834	4E000000	11000000
600)	B09E0A05	01486686	6B4766A6	DEC79A90	F246D7F1	9F3F0DDE	A24B5C3D	9E40D526	00000000	00000000
640)	00000000	9FBB8863	FF3D0A7B	633DC883	27C2705F	BEC3C226	72443D0A	00000000	30303834	4E000000
680)	11000000	FCE50A05	01488042	6B4700B8	DDC79AFD	F2469A0B	A13FC13B	A74B60AC	A540B9DF	00000000
720)	00000000	00000000	1E3C480E	4BBEFC8C	A63E6C60	27C2705F	BEC3C226	72443D0A	00000000	30303834
760)	4E000000	11000000	492D0B05	00489AFE	6B479AC9	DDC7666A	F1460A25	A63FBFB6	AC4B6804	95409F71
800)	00000000	00000000	00000000	233E6ABA	5EBECD56	0F3DA218	27C2705F	BEC3C226	72443D0A	00000000
840)	30303834	4E000000	11000000	95740B05	00489ABA	6B47CDDA	DCC700D7	F0463D3E	9D3F91BA	AB4BFC98
880)	5B40C139	00000000	00000000	00000000	8A3EF6E1	DBBD54C9	F73D8557	15C2B5B2	C4C36C89	7644B6F3
920)	00000000	30303834	4E000000	11000000	E2BB0B05	00488076	6B4700EC	DCC76643	EF461F57	A53F344C
960)	A04B1423	53408C49	00000000	00000000	00000000	91BB3B93	2ABCBD7A	843C6918	15C2B5B2	C4C36C89
1000)	7644B6F3	00000000	30303834	4E000000	11000000	2E030C05	00484D32	6B47CDFC	DBC79AAF	EE460070
1040)	9A3F9A94	AA4B989E	45405CCA	00000000	00000000	00000000	12BE3898	AFBC1037	07BE7150	15C2B5B2
1080)	C4C36C89	7644B6F3	00000000	30303834	4E000000	11000000	C7910C05	FF479A53	6C479A1D	DAC73387
1120)	EC46B8A0	983FA8C5	B34B5C18	9B40D235	00000000	00000000	00000000	72BE8605	8EBEF52E	FDBD9CD7
1160)	00C2350C	CCC33F35	7C44E570	00000000	30303834	4E000000	11000000	13D90C05	FE4700CB	6C479A2D
1200)	D9C7CDF2	EB46CDB8	953F5EF4	AF4B4407	55405B3F	00000000	00000000	00000000	2ABE4D2B	E5BC29B7
1240)	8ABD17B3	00C2350C	CCC33F35	7C44E570	00000000	30303834	4E000000	11000000	60200D05	FE470042
1280)	6C479A3D	D9C7335E	EA46A4D0	943FCC7B	A94B54E8	544008AC	00000000	00000000	00000000	2BBD3FD1
1320)	9DBD52A8	DEBDA4A9	00C2350C	CCC33F35	7C44E570	00000000	30303834	4E000000	11000000	AC670D05
1360)	FD4700B9	6C47334D	D8C733C9	E94652E8	933F1CD3	A74B7C7C	94401422	00000000	00000000	00000000
1400)	FDBDAC68	AB3EAA65	B9BD1850	6ECF286B	6ECF286B	6ECF286B	00000000	30303834	4E000000	11000000
1440)	43F70D05	FC479AA4	6C47006C	D7C7CD9C	E8469A13	933F60E6	A74BB8D6	5740718D	00000000	00000000
1480)	00000000	B93E109C	DA3DEC48	393E873F	6ECF286B	6ECF286B	6ECF286B	00000000	30303834	4E000000
1520)	11000000	903D0E05	FC47001D	6C47667A	D7C73309	E746AE2D	903FF965	B14B1098	AA400D54	00000000
1560)	00000000	00000000	98BD23A2	91BDAC05	90BD58ED	CBC1F4F8	D6C3C7CB	8344235B	00000000	30303834
1600)	4E000000	11000000	DE840E05	FB476693	6C473389	D6C76673	E6465244	923F917B	AB4B0482	4940C478
1640)	00000000	00000000	00000000	DCBD4EA9	6D3DB056	063DE72A	CBC1F4F8	D6C3C7CB	8344235B	00000000

6480)	30AC1E05	DB47335C	6E473309	B2C700F3	AF46E1C2	3A3F0A0F	C34BE80D	3140AF3F	00000000	00000000
6520)	00000000	013DCC10	1FBC1250	29BDAD34	1243AEF6	3AC4A245	C344647B	00000000	30303834	4E000000
6560)	11000000	7DF31E05	DA4733C9	6E476606	B2C7CD4E	AE46B8CA	3F3FC499	BE4B4C68	2D4049A0	00000000
6600)	00000000	00000000	193EC148	D7BD10C0	A73B6C9F	2643844D	41C4AC7C	C84408FC	00000000	30303834
6640)	4E000000	11000000	CA3A1F05	D4470036	6E473303	B1C766AA	AD463DD2	373FCBF8	C94BF80B	2E401618
6680)	00000000	00000000	00000000	C1BDD762	F33C1E92	E4BD2909	2643844D	41C4AC7C	C84408FC	00000000
6720)	30303834	4E000000	11000000	16821F05	D9479AA2	6E470000	B1C79A05	AC469AD9	3D3F9208	C64B4878
6760)	3E405CAE	00000000	00000000	00000000	37BE4661	C93D2338	5CBDDA96	2643844D	41C4AC7C	C84408FC
6800)	00000000	30303834	4E000000	11000000	63C91F05	D947000F	6D4700FC	B0C79A60	AB468FE0	323F64B0
6840)	D34B80B5	424085CF	00000000	00000000	00000000	B03DF7EF	9DBD612C	9A3E9E1D	2643844D	41C4AC7C
6880)	C84408FC	00000000	30303834	4E000000	11000000	AF102005	D847337B	6D479AF7	AFC733BB	AA4648E7
6920)	2F3F57D1	C84B54EC	4840D40D	00000000	00000000	00000000	9ABD05FC	F03D271C	143E9235	3B43AF14
6960)	48C4A8E6	CE447BA4	00000000	30303834	4E000000	11000000	FC572005	D74766E7	6D4733F3	AFC7CD15
7000)	A946AEED	273F26AA	D74B48A3	9A40793B	00000000	00000000	00000000	37BCB3E4	7F3CFAE2	9F3DDF70
7040)	3B43AF14	48C4A8E6	CE447BA4	00000000	30303834	4E000000	11000000	94AF2305	D04766EA	6D47339D
7080)	A7C7CD3B	9E464825	0C3F2673	084C1ED1	5B404F5B	00000000	00000000	00000000	2BBE408C	BC3D2749
7120)	FEBE384A	6ECF286B	6ECF286B	6ECF286B	00000000	30303834	4E000000	11000000	DFF62305	D0473354
7160)	6D479A93	A6C79A92	9D465228	0D3FE290	104CAC7C	4440D2C3	00000000	00000000	00000000	96BEAB80
7200)	C23D29C3	32BE9900	8E436F32	6AC4F43D	E74452A8	00000000	30303834	4E000000	11000000	2C3E2405
7240)	CF47CDBD	6D479A89	A5C700E9	9C46F62A	073FF17F	044CE4FF	3540E4BE	00000000	00000000	00000000
7280)	22BE1EC0	59BCC0CF	003D031B	8E436F32	6AC4F43D	E74452A8	00000000	30303834	4E000000	11000000
7320)	79852405	CF476627	6D47337F	A5C7333F	9B46332D	0E3F63B4	064CF619	BB40D15C	00000000	00000000
7360)	00000000	4ABE498E	50BD2A79	E2BDDD1A	8E436F32	6AC4F43D	E74452A8	00000000	30303834	4E000000
7400)	11000000	C5CC2405	CE479A90	6D470074	A4C70095	9A46482F	FD3EF320	274CF4E0	2C4074EC	00000000
7440)	00000000	00000000	DEBD1750	583D11DD	5D3DC0DC	9C43696F	73C49C84	EE448195	00000000	30303834
7480)	4E000000	11000000	13142505	CD479AF9	6D47CD68	A3C766EA	99460A31	F33EE316	2E4C10AA	9940349D
7520)	00000000	00000000	00000000	2A3E11AC	003EBD43	83BE8484	9C43696F	73C49C84	EE448195	00000000
7560)	30303834	4E000000	11000000	5E5B2505	CD476662	6D47CD5C	A3C7663F	98466632	FF3E1A6B	1F4C5CBD
7600)	A0401136	00000000	00000000	00000000	18BEE184	69BE3B8C	2EBDDECD	9C43696F	73C49C84	EE448195
7640)	00000000	30303834	4E000000	11000000	F7E92505	CC479A33	6D479A43	A1C7CDE8	96466634	063F8789
7680)	194CF02A	A840AD4C	00000000	00000000	00000000	7FBE9DF7	A4BDA565	07BE1DDC	6ECF286B	6ECF286B
7720)	6ECF286B	00000000	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
7760)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
7800)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
7840)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
7880)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
7920)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
7960)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8000)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8040)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8080)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8120)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8160)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8200)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8240)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8280)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8320)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8360)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8400)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8440)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8480)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8520)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8560)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8600)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8640)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8680)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8720)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8760)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8800)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E
8840)	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E	5E5E5E5E