#635
#635

ISEE-3
5- MIN. AVG. S.W. MAG FIELD
78-079A-02L

REQ. AGENT	RAND NO.	ACQ. AGENT
SAR	V0302	DAC

ISEE-3

5-MIN. AVG. S.W. MAG FIELD

78-079A-02L

This data set catalog consists of one 9-track, 1600 BPI, ASCII magnetic tape with one file of data. The tape was created on the MODCOMP IV computer using one-minute averages from 78-079A-02D. The D and C numbers along with the time span is as follows:

D#	C#	TIME SPAN
D-66798	C-25011	06/29/79 - 12/31/83

ISEE-3

5-MIN AVG S.W. MAG. FIELD

78-079A-02L

This data set consists of one 9-track, 1600 BPI, ASCII magnetic tape containing 1229 records on one file.

Each physical record contains 18,488 bytes representing one day of magnetic field data. The first logical record of each physical record lists the year, day and the x, y, and z position of the spacecraft in GSE coordinates. Following this header are 288 logical records representing 5-minute averages of the GSE Bx, By, Bz components and field magnitude. Since the data are time continuous, intervals for which no data exist are indicated by having all IMF components and magnitude set to zero. Two time gaps do exist in the data set corresponding to ISEE-3 passes through the geomagnetic tail. The time gaps are as follows:

82/209 - 82/304
82/356 - 83/304

ITEM	FORMAT	VARIABLE
1	F3.0	YEAR (79)
2	F5.0	DAY
3	E16.6	X POSITION] GSE
4	"	Y POSITION] "
5	"	Z POSITION] "
6	"	Bx] GSE
7	"	By] "
8	"	Bz] "
9	"	B
10 - ~~1,148~~ 1157	(same as 6 - 9)	

HRK 2/15/95

$EXE TPLIST BS

INPUT PARAMETERS ARE: AS FL=2 1

Lse - 3
5-Min Avg. S.W.
Mag Field
78-079A-02L
D-16798
6/29/79-12/31/83

TAPE NO. 1 FILE NO. 1
RECORD 1 LENGTH 18488

79. 180. 0.141638E+10 0.658307E+09 0.528574E+07 0.346839E+01 -0.359859E+01 0.43010
6E+00 0.502322E+01 0.351883E+01 -0.294181E+01 -0.129430E+01 0.498872E+01 0.330169E+
01 -0.320555E+01 -0.176359E+01 0.495755E+01 0.350715E+01 -0.319755E+01 -0.116069E+01
0.491733E+01 0.390569E+01 -0.289573E+01 -0.102509E+01 0.501784E+01 0.425114E+01 -
0.271306E+01 -0.122148E+00 0.505626E+01 0.405353E+01 -0.280440E+01 0.312691E+00 0.4
95065E+01 0.389707E+01 -0.290823E+01 0.341822E+00 0.488868E+01 0.371499E+01 -0.3064
78E+01 -0.430577E+00 0.484680E+01 0.389201E+01 -0.285512E+01 -0.809276E+00 0.490658E
+01 0.398857E+01 -0.292897E+01 -0.310088E+00 0.505411E+01 0.397446E+01 -0.310947E+01
0.622917E+00 0.509312E+01 0.401831E+01 -0.290859E+01 0.106529E+01 0.509552E+01
0.339568E+01 -0.349518E+01 0.136660E+01 0.512518E+01 0.382220E+01 -0.210409E+01 0.
251801E+01 0.508913E+01 0.359383E+01 -0.207383E+01 0.270318E+01 0.502477E+01 0.302
876E+01 -0.398309E+01 0.491114E+00 0.507789E+01 0.305385E+01 -0.399938E+01 0.413943
E+00 0.505683E+01 0.308936E+01 -0.396084E+01 0.735633E+00 0.509030E+01 0.295667E+0
1 -0.392023E+01 0.962002E+00 0.509062E+01 0.353716E+01 -0.341775E+01 0.119677E+01
0.509634E+01 0.329884E+01 -0.367947E+01 0.128429E+01 0.511909E+01 0.342910E+01 -0
.353885E+01 0.147438E+01 0.515918E+01 0.390034E+01 -0.266939E+01 0.244430E+01 0.53
2761E+01 0.401836E+01 -0.228449E+01 0.249901E+01 0.540116E+01 0.392627E+01 -0.99714
7E+00 0.360852E+01 0.543829E+01 0.389649E+01 -0.132750E+01 0.363477E+01 0.550039E+
01 0.392893E+01 -0.186156E+01 0.336083E+01 0.552137E+01 0.378015E+01 -0.256645E+01
0.302878E+01 0.550109E+01 0.405377E+01 -0.258012E+01 0.267398E+01 0.554507E+01
0.414438E+01 -0.246920E+01 0.283014E+01 0.559877E+01 0.388580E+01 -0.289380E+01 0.2
81768E+01 0.561961E+01 0.388245E+01 -0.321485E+01 0.251556E+01 0.563682E+01 0.5216
57E+01 -0.851925E+00 0.164071E+01 0.556824E+01 0.520448E+01 -0.133376E+01 0.160543E
+01 0.561477E+01 0.486289E+01 -0.180997E+01 0.210746E+01 0.563966E+01 0.481989E+01
-0.188902E+01 0.165019E+01 0.567015E+01 0.498626E+01 -0.259146E+01 0.167837E+00
0.562563E+01 0.487547E+01 -0.274447E+01 0.781732E+00 0.565829E+01 0.475609E+01 -0.
287565E+01 0.975102E+00 0.565114E+01 0.457082E+01 -0.290468E+01 0.146777E+01 0.562
357E+01 0.453279E+01 -0.319587E+01 0.850420E+00 0.561788E+01 0.468025E+01 -0.294082
E+01 0.964987E+00 0.562717E+01 0.482375E+01 -0.280242E+01 0.888640E+00 0.565190E+0
1 0.483551E+01 -0.287421E+01 0.616664E+00 0.566298E+01 0.483819E+01 -0.290386E+01
0.140710E+00 0.565035E+01 0.475389E+01 -0.300261E+01 -0.187633E+00 0.562973E+01 0
.470695E+01 -0.303403E+01 -0.593298E+00 0.564284E+01 0.476977E+01 -0.294156E+01 -0.51
6021E+00 0.563818E+01 0.477910E+01 -0.290831E+01 -0.500747E+00 0.563182E+01 0.48784
3E+01 -0.254000E+01 0.528033E+00 0.558960E+01 0.496589E+01 -0.249113E+01 -0.141700E+
00 0.557738E+01 0.489801E+01 -0.267182E+01 -0.767093E-01 0.559659E+01 0.477396E+01
-0.292221E+01 0.321411E+00 0.561712E+01 0.482414E+01 -0.289821E+01 0.194018E+00
0.564091E+01 0.466784E+01 -0.312192E+01 0.187870E+00 0.563092E+01 0.384768E+01 -0.3
76929E+01 0.945599E+00 0.549234E+01 0.423315E+01 -0.333693E+01 0.592382E+00 0.5486
78E+01 0.447595E+01 -0.310361E+01 -0.281889E+00 0.547753E+01 0.465683E+01 -0.273788E
+01 -0.913921E+00 0.550620E+01 0.436338E+01 -0.319562E+01 -0.847264E+00 0.549962E+01
0.431896E+01 -0.319016E+01 -0.118525E+01 0.550282E+01 0.419946E+01 -0.320071E+01
-0.131551E+01 0.544424E+01 0.424451E+01 -0.309142E+01 -0.118043E+01 0.538607E+01 0.
436409E+01 -0.297978E+01 -0.100450E+01 0.538340E+01 0.390903E+01 -0.363784E+01 -0.889
958E+00 0.542564E+01 0.419148E+01 -0.333963E+01 -0.985874E+00 0.545450E+01 0.433874
E+01 -0.314425E+01 -0.930151E+00 0.544557E+01 0.438297E+01 -0.309107E+01 -0.905141E+0
0 0.544367E+01 0.445336E+01 -0.291645E+01 -0.675734E+00 0.540593E+01 0.411092E+01
-0.299459E+01 -0.138275E+01 0.533211E+01 0.351618E+01 -0.329291E+01 -0.207805E+01 0
.530025E+01 0.346723E+01 -0.375008E+01 -0.195966E+01 0.548174E+01 0.326294E+01 -0.35
3334E+01 -0.266868E+01 0.550554E+01 0.388862E+01 -0.300356E+01 -0.142199E+01 0.53907
6E+01 0.506541E+01 -0.205321E+01 0.613431E+00 0.552541E+01 0.521238E+01 -0.187587E+
01 0.700684E+00 0.559060E+01 0.498226E+01 -0.252940E+01 0.682613E+00 0.564397E+01
0.496956E+01 -0.251107E+01 0.450751E+00 0.561253E+01 0.472095E+01 -0.278516E+01
0.145157E+00 0.549210E+01 0.448793E+01 -0.270959E+01 -0.300627E-01 0.526457E+01 0.4
27155E+01 -0.287513E+01 -0.726745E+00 0.521388E+01 0.405290E+01 -0.267448E+01 -0.1392
86E+01 0.508553E+01 0.328603E+01 -0.259384E+01 -0.255740E+01 0.492565E+01 0.402894E
+01 -0.287442E+01 -0.803770E+00 0.505555E+01 0.403822E+01 -0.318559E+01 -0.694676E+00
0.520641E+01 0.425658E+01 -0.290483E+01 -0.459442E+00 0.519158E+01 0.438122E+01
-0.273218E+01 -0.483603E+00 0.518901E+01 0.417393E+01 -0.272053E+01 -0.812698E+00 0.
505930E+01 0.394189E+01 -0.269492E+01 -0.983727E+00 0.488345E+01 0.366531E+01 -0.221
873E+01 -0.140258E+01 0.459968E+01 0.349451E+01 -0.240449E+01 -0.133671E+01 0.461001

E+01 0.389958E+01 -0.233075E+01 0.261618E+00 0.458375E+01 0.353657E+01 -0.266335E+0
1 -0.802593E+00 0.454926E+01 0.324326E+01 -0.290795E+01 -0.103188E+01 0.453951E+01
0.313200E+01 -0.286296E+01 -0.126205E+01 0.443891E+01 0.302089E+01 -0.293393E+01 -0
.152176E+01 0.448184E+01 0.302674E+01 -0.275813E+01 -0.183268E+01 0.449262E+01 0.29
5247E+01 -0.268572E+01 -0.195314E+01 0.448140E+01 0.331747E+01 -0.235424E+01 -0.22251
5E+01 0.464909E+01 0.344524E+01 -0.268517E+01 -0.167194E+01 0.468596E+01 0.293670E+
01 -0.292192E+01 -0.233423E+01 0.487228E+01 0.281051E+01 -0.304583E+01 -0.288034E+01
0.504866E+01 0.254816E+01 -0.286152E+01 -0.315154E+01 0.496878E+01 0.252174E+01 -
0.270560E+01 -0.325693E+01 0.492967E+01 0.232564E+01 -0.255042E+01 -0.347734E+01 0.4
90215E+01 0.185512E+01 -0.256519E+01 -0.372833E+01 0.490556E+01 0.358457E+01 -0.2805
09E+01 -0.122621E+01 0.521120E+01 0.493643E+01 -0.304952E+01 0.294182E+00 0.581852E
+01 0.508738E+01 -0.310254E+01 -0.311397E+00 0.600243E+01 0.491890E+01 -0.311654E+01
-0.106506E+01 0.592964E+01 0.452983E+01 -0.290329E+01 -0.171530E+01 0.574824E+01
0.527460E+01 -0.316730E+01 -0.598878E+00 0.619144E+01 0.482526E+01 -0.332049E+01 0.
345547E+00 0.591554E+01 0.557465E+01 -0.133173E+01 -0.944982E-02 0.587547E+01 0.566
729E+01 -0.177227E+01 -0.370068E+00 0.596488E+01 0.552792E+01 -0.212442E+01 0.873837
E+00 0.601230E+01 0.617560E+01 -0.195797E+01 0.106393E+01 0.658176E+01 0.645064E+0
1 -0.169919E+01 0.141654E+00 0.671569E+01 0.654820E+01 -0.145128E+01 -0.208394E+00
0.672525E+01 0.642043E+01 -0.123646E+01 -0.668525E+00 0.658738E+01 0.640723E+01 -0
.747685E+00 -0.687512E+00 0.651382E+01 0.653887E+01 -0.370732E+00 -0.920799E+00 0.66
4942E+01 0.656250E+01 0.549076E+00 -0.840091E+00 0.664055E+01 0.637857E+01 0.88832
5E+00 -0.945926E+00 0.651372E+01 0.607059E+01 0.109146E+01 -0.565391E+00 0.623798E+
01 0.548943E+01 0.115418E+01 -0.832232E-01 0.565662E+01 0.396336E+01 -0.143226E+01
-0.360077E+01 0.562477E+01 0.494986E+01 -0.866378E+00 -0.303188E+01 0.591615E+01
0.532941E+01 -0.398955E+00 -0.259152E+01 0.594231E+01 0.511822E+01 -0.171061E+00 -0.3
01405E+01 0.595613E+01 0.478324E+01 -0.378719E+00 -0.374170E+01 0.610199E+01 0.4649
98E+01 -0.364058E+00 -0.406380E+01 0.620133E+01 0.416974E+01 0.540218E-02 -0.422251E
+01 0.596437E+01 0.391888E+01 0.674031E+00 -0.394435E+01 0.563608E+01 0.416578E+01
0.747859E+00 -0.395229E+01 0.581974E+01 0.419575E+01 -0.253869E+00 -0.418535E+01
0.593983E+01 0.390362E+01 -0.618028E+00 -0.372141E+01 0.544571E+01 0.350648E+01 -0.
395922E+00 -0.378120E+01 0.517975E+01 0.329634E+01 0.582316E-01 -0.374133E+01 0.499
175E+01 0.314025E+01 0.931612E-01 -0.358475E+01 0.478573E+01 0.217200E+01 0.785498
E+00 -0.305857E+01 0.384099E+01 0.179793E+01 0.144421E+01 -0.280497E+01 0.364721E+0
1 0.226417E+01 0.164396E+01 -0.342174E+01 0.444145E+01 0.202568E+01 0.186917E+01
-0.339868E+01 0.438567E+01 0.159048E+01 0.214192E+01 -0.319357E+01 0.419198E+01 0
.115490E+01 0.242817E+01 -0.284464E+01 0.402024E+01 0.133032E+01 0.243584E+01 -0.26
9916E+01 0.401641E+01 0.204824E+01 0.202028E+01 -0.334826E+01 0.446785E+01 0.21753
5E+01 0.219921E+01 -0.287857E+01 0.424465E+01 0.217202E+01 0.217857E+01 -0.230803E+
01 0.386238E+01 0.104028E+01 0.261359E+01 -0.188567E+01 0.357497E+01 0.151473E+01
0.240914E+01 -0.187597E+01 0.345493E+01 0.129849E+01 0.301408E+01 -0.150431E+01
0.366433E+01 0.733440E+00 0.249633E+01 -0.169867E+01 0.317224E+01 0.632122E+00 0.2
79499E+01 -0.135159E+01 0.318368E+01 0.840851E+00 0.272621E+01 -0.103421E+01 0.3090
09E+01 0.965024E+00 0.274204E+01 0.218834E+00 0.299952E+01 0.609617E+00 0.277330E
+01 -0.918321E+00 0.301727E+01 0.374660E+00 0.254324E+01 -0.188343E+01 0.323825E+01
0.329616E+00 0.317008E+01 -0.297252E+01 0.437377E+01 -0.231639E+00 0.289672E+01
-0.382965E+01 0.497317E+01 0.404385E+00 0.175898E+01 -0.352028E+01 0.400494E+01 0.
132910E+01 -0.142074E+01 -0.419223E+01 0.526611E+01 0.207055E+01 -0.419509E+01 -0.389
236E+01 0.609276E+01 0.206825E+01 -0.412207E+01 -0.375478E+01 0.597647E+01 0.187180
E+01 -0.406018E+01 -0.385859E+01 0.591473E+01 0.226208E+01 -0.389239E+01 -0.387021E+0
1 0.594015E+01 0.216330E+01 -0.385353E+01 -0.390684E+01 0.590635E+01 0.226458E+01
-0.314933E+01 -0.420622E+01 0.573909E+01 0.187671E+01 -0.335417E+01 -0.431549E+01 0
.578503E+01 0.207111E+01 -0.277059E+01 -0.431912E+01 0.555297E+01 0.210790E+01 -0.36
9038E+01 -0.347275E+01 0.553850E+01 0.229984E+01 -0.398389E+01 -0.304747E+01 0.56009
5E+01 0.212633E+01 -0.405757E+01 -0.315280E+01 0.557871E+01 0.179975E+01 -0.343235E+
01 -0.386508E+01 0.555269E+01 0.226202E+01 -0.322141E+01 -0.379547E+01 0.550484E+01
0.235125E+01 -0.233224E+01 -0.438402E+01 0.550337E+01 0.000000E+00 0.000000E+00
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00000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.0000
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0 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00