#635
#635

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

SPHE-00148

Table of Contents

1. Introduction

2. Errata/Change Log

3. LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC INFORMATION SYSTEM

4. Catalog Materials

    a. Associated Documents

    b. Core Catalog Materials

---

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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	RAND NO.	ACQ. AGENT
SAR	V0302	DAC

ISEE-3

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

78-079A-02L SPHE-00148

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)	

HKH 2/15/95

INPUT PARAMETERS ARE: AS FL=2 1

Lse-3
5-Min Avg S.W.
Mag Field
R-079A-02L
D-006798
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

E+01 0.3899[illegible]E+01 0.2[illegible]E+01 0.2[illegible]E+00 0.4[illegible]E+01 0.[illegible]E+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

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.0

00000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.0000

00E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E

+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.

000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000

000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000

E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+0