

DSC#862

ISBB-1-1560 Electron + Proton

77-102A-10I-SPHE-00309

ISBB-2-1200 Electron + Proton

77-102B-08G-SPHE-00308

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3. LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC INFORMATION SYSTEM
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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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

ISEE-1  
 0.1 SEC ELECTRON AND PROTON  
 SPE-000309 - 77-102A-10I SPHE-00309  
 ISEE-2  
 0.1 SEC ELECTRON & PROTON  
 SPHE-00308 - 77-102B-08G SPHE-00308

This data set catalog consists of one 28 CD'S. The CD'S contain binary data. KD & KW numbers and time span are as follow:

KD	KW	TIME SPAN
-----	-----	-----
KD004233	KW000211	10/27/77 - 04/04/78
KD004234	KW000212	04/05/78 - 07/18/78
KD004235	KW000213	07/21/78 - 01/19/79
KD004236	KW000214	01/21/79 - 07/30/79
KD004237	KW000215	08/01/79 - 01/12/80
KD004238	KW000216	01/16/80 - 06/26/80
KD004239	KW000217	06/29/80 - 11/10/80
KD004240	KW000218	11/12/80 - 03/30/81
KD004241	KW000219	04/01/81 - 08/16/81
KD004242	KW000220	08/20/81 - 08/02/83
KD004243	KW000221	09/18/83 - 04/15/84
KD004244	KW000222	04/18/84 - 05/08/85
KD004245	KW000223	10/30/85 - 08/12/86
KD004246	KW000224	DOC,EXE, SRC

ISEE\_2      77-102B-08G

KD	KW	TIME SPAN
-----	-----	-----
KD004247	KW000225	10/28/77 - 03/17/78
KD004248	KW000226	03/19/78 - 08/01/78
KD004249	KW000227	08/02/78 - 01/23/79
KD004250	KW000228	01/24/79 - 07/03/79
KD004251	KW000229	07/04/79 - 10/16/79
KD004252	KW000230	10/17/79 - 02/22/80
KD004253	KW000231	02/24/80 - 07/01/80
KD004254	KW000232	07/02/80 - 09/30/80
KD004255	KW000233	10/01/80 - 01/23/81
KD004256	KW000234	01/28/81 - 07/05/81
KD004257	KW000235	07/07/81 - 10/17/81
KD004258	KW000236	10/21/81 - 08/31/82
KD004259	KW000237	09/08/82 - 10/29/83
KD004260	KW000238	10/30/83 - 10/21/86

# 0 1-Second Electron and Proton Flux (IEEE binary)

NSSDC ID:SPHE-00309

## Other ID

77-102A-10I

**Availability:** At NSSDC, Ready for Offline Distribution (or Staging if Digital)

## Mission Name: Experiment

ISEE 1: Electron and Proton Fluxes in the Outer Magnetosphere (1.5-300 keV)

## Disciplines

Space Physics: Heliospheric Studies  
Space Physics: Magnetospheric Studies

## Media Information

14 CD-Write Once

### Personnel Information

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### Experiment Information

### Mission Information

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[NSSDC Space Physics page](#)

[NSSDC home page](#)

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*For questions about this dataset, please contact:*

*Dr. H. Kent Hills*

*GSFC-Code 633*

*NASA Goddard Space Flight Center, Greenbelt, MD 20771*

*[hills@nssdc.gsfc.nasa.gov](mailto:hills@nssdc.gsfc.nasa.gov)*

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### **NSSDC Security and Privacy Statement**

**NASA Official: Ed Grayzeck, [edwin.j.grayzeck@nasa.gov](mailto:edwin.j.grayzeck@nasa.gov)**

**Last Updated: 2003-01-28**

**Output Generated: 2005-01-03**

**Programming by: E. V. Bell, II ([ed.bell@gsfc.nasa.gov](mailto:ed.bell@gsfc.nasa.gov))**

FULL DATASET LISTING OF 77-102A-10I

ISEE-1 0.1-SEC ELECTRON AND PROTON FLUX

SYSTEM: VAX

MODE: ASC

MEDIA #	COPY #	RECEIVED	DENS	TR	FILES	LOCATION	TIME SPAN
KD004233		08/18/1997		0	0	403D01	10/27/1977 04/04/1978
KD004234		08/18/1997		0	0	403D02	04/05/1978 07/18/1978
KD004235		08/18/1997		0	0	403D03	07/21/1978 01/19/1979
KD004236		08/18/1997		0	0	403D04	01/21/1979 07/30/1979
KD004237		08/18/1997		0	0	403D05	08/01/1979 01/12/1980
KD004238		08/18/1997		0	0	403D06	01/16/1980 06/26/1980
KD004239		08/18/1997		0	0	403D07	06/29/1980 11/10/1980
KD004240		08/18/1997		0	0	403D08	11/12/1980 03/30/1981
KD004241		08/18/1997		0	0	403D09	04/01/1981 08/16/1981
KD004242		08/18/1997		0	0	403D10	08/20/1981 08/02/1983
KD004243		08/18/1997		0	0	403D11	09/18/1983 04/15/1984
KD004244		08/18/1997		0	0	403D12	04/18/1984 05/08/1985
KD004245		08/18/1997		0	0	403D13	10/30/1985 08/12/1986
KD004246		08/18/1997		0	0	403D14	

UNIVERSITY OF WASHINGTON  
SEATTLE, WASHINGTON 98195-1650

Rec'd May 6, 1997  
HKH

Space Sciences Division  
GEOPHYSICS  
BOX 351650  
(206) 543-7266

May 2, 1997

**Dr. Joe King**  
NASA Goddard Space Flight Center  
NSSDC Code 933  
Greenbelt, MD 20771

**Dr. King,**

**This is a note to inform you of the completion of the ISEE Data Archiving project for which George Parks was the PI.**

**There are twenty-seven CD-ROMS containing all the recoverable data in high resolution. The unrecoverable data was a suprisingly low 15 percent or so. Also there is a source disk containing the programs and documentation and a hard copy of the software guide.**

**Please call or e-mail with any questions. (206)543-7266, jeff@geophys.washington.edu**

Sincerely,



Jeffery P. Ross

Phone: (206) 543-7266

From: NCF::HILLS "Dr. H. Kent Hills, NSSDC, 301-286-9431" 12-AUG-1997  
To: POST  
CC: HILLS  
Subject: FYI: New ISEE 2 dataset on CDs from Parks

From: NCF::HILLS "Dr. H. Kent Hills, NSSDC, 301-286-9431" 12-AUG-1997  
To: BANDERSON  
CC: HILLS  
Subject: New ISEE 2 dataset entry

(R) = Repeatable Field  
Indicate updated fields with a #  
Please email to BANDERSON, PATROSS or BELL

[X] new data set

NSSDC ID : 77-102B-08G (\*\*PROPOSED\*\*)  
Shortname (33 Char) : 0.1-sec electron and proton flux  
Data Set Type : Reduced  
Data Set Contact : Parks  
Acquisition Agent : HKH  
Headquarters Interest Code : 5F  
Availability Code :  
Availability Date :  
Anticipated Quantity :

Data Set Status Flags:

-----  
Archiving Plan Flag : No plan exists  
Archiving Status Flag :  
Archive Desirability :  
Media State :  
Current Level of Archive Service:  
Planned Level of Archive Service:  
Documentation State :  
Data Set Quality Flag :  
Ancillary Data Flag :

Data Set Longname Information (R):

-----  
NSSDC Name : 0.1-second electron and proton flux (IEEE binary)  
Exper Name(s) :  
Other Name(s) :

Archive Location/Organization/Type (R):

-----  
Location :  
Organization :  
Type :

Discipline / Subdiscipline: (R)

-----  
Space Physics Heliospheric Studies  
Space Physics Magnetospheric Studies

Personnel: (R)

-----  
Type : General Contact  
 : 3633  
Original Affiliation: University of Washington  
George Parks

Type : Data Source (person submitting data)  
ID : 3633  
Original Affiliation: University of Washington  
George Parks

Type : NSSDC Contact  
ID : 1891  
Original Affiliation: Hughes STX Corporation  
Dr. H. Kent Hills, , GSFC-Code 633  
GSFC-Code 633  
Telephone: 301-286-9431  
E-mail : INTERNET HILLS@NSSDCA.GSFC.NASA.GOV  
E-mail : NSI/DECNET NSSDCA::HILLS  
Fax : 301-286-1771  
Telex :

Brief Description (Free Text):

This is a preliminary description of this data set, which is from the ISEE 2 Electrons and Protons experiment (Kinsey Anderson, PI) as applied by George Parks on CD-ROMs.

These data cover the entire operational time period of the spacecraft (1977 - 1986). Data are at 0.1-second resolution, in IEEE binary. Software is provided (must be constructed on a UNIX machine) to read the binary files, edit, and produce ASCII output files with a user-specified averaging interval. A software guide was provided, written with FrameMaker. There is also a PostScript version.

There is apparently no information about the design, operation, or calibration of the instruments, and there are no references. As part of the acquisition process, such information will be gathered from the provider and/or other sources.

Parameters available are: electron and proton fluxes, separately, at 2 and 6 keV, a coincidence channel, spacecraft angle, GSE coordinates in km, and the spin phase rate.

For ISEE 2, additional parameters are available: fluxes of protons and electrons (combined) at 30, 60, and 200 keV, and electron fluxes at 30 and 60 keV. These additional parameters are not available for ISEE 1, although the data format is the same for both ISEE 1 and ISEE 2. The data from the two spacecraft are separate; the NSSDC IDs for these data sets are 77-102A-10I for ISEE 1 and 77-102B-08G for ISEE 2.

From: NCF::HILLS "Dr. H. Kent Hills, NSSDC, 301-286-9431" 12-AUG-1997  
To: POST  
CC: HILLS  
Obj: FYI: New ISEE 1 dataset on CDs from Parks

From: NCF::HILLS "Dr. H. Kent Hills, NSSDC, 301-286-9431" 12-AUG-1997  
To: EANDERSON  
CC: HILLS  
Subj: New ISEE 1 dataset entry

(R) = Repeatable Field  
Indicate updated fields with a #  
Please email to BANDERSON, PATROSS or BELL

[X] new data set

NSSDC ID : 77-102A-10I (\*\*PROPOSED\*\*)  
Shortname (33 Char) : 0.1-sec electron and proton flux  
Data Set Type : Reduced  
Data Set Contact : Parks  
Acquisition Agent : HKH  
Headquarters Interest Code : 5F  
Availability Code : At NSSDC, in processing  
Availability Date :  
Anticipated Quantity :

Data Set Status Flags:

-----  
Archiving Plan Flag : No plan exists  
Archiving Status Flag :  
Archive Desirability :  
Media State :  
Current Level of Archive Service:  
Planned Level of Archive Service:  
Documentation State :  
Data Set Quality Flag :  
Ancillary Data Flag :

Data Set Longname Information (R):

-----  
NSSDC Name : 0.1-second electron and proton flux (IEEE binary)  
Exper Name(s) :  
Other Name(s) :

Archive Location/Organization/Type (R):

-----  
Location :  
Organization :  
Type :

Discipline / Subdiscipline: (R)

-----  
Space Physics Heliospheric Studies  
Space Physics Magnetospheric Studies

Personnel: (R)

-----  
Type : General Contact  
J<sup>n</sup> : 3633  
Original Affiliation: University of Washington  
George Parks

Type : Data Source (person submitting data)  
ID : 3633  
Original Affiliation: University of Washington  
George Parks

Type : NSSDC Contact  
ID : 1891  
Original Affiliation: Hughes STX Corporation  
Dr. H. Kent Hills, , GSFC-Code 633  
GSFC-Code 633  
Telephone: 301-286-9431  
E-mail : INTERNET HILLS@NSSDCA.GSFC.NASA.GOV  
E-mail : NSI/DECNET NSSDCA::HILLS  
Fax : 301-286-1771  
Telex :

Brief Description (Free Text):

This is a preliminary description of this data set, which is from the ISEE 1 Electrons and Protons experiment (Kinsey Anderson, PI) as supplied by George Parks on CD-ROMs.

These data cover the entire operational time period of the spacecraft (1977 - 1986). Data are at 0.1-second resolution, in IEEE binary. Software is provided (must be constructed on a UNIX machine) to read the binary files, edit, and produce ASCII output files with a user-specified averaging interval. A software guide was provided, written with FrameMaker. There is also a PostScript version.

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REQ. AGENT  
GLS

PAND. No.  
V0324

ACQ. AGENT  
HRH

IMP-5

HIGH RESOLUTION ELECTRON + JON DATA

73-078A-05E

This data set catalog consists of one magnetic tape, The tape is 9 track, 6250 BPI, binary and contains 1 ~~data~~ <sup>copy</sup> ~~data~~ <sup>Ann</sup> ~~data~~ <sup>File</sup> and a header + trailer File. The ~~data~~ tape was created on a VAX 11/780 computer. The D + C numbers + the time intervals are as follows.

D  
D74063

C  
C26138

Time Int.  
01/28/83 - 06/28/83

Cover letter completed

# 1-Second Electron and Proton Flux (IEEE Binary)

NSSDC ID:SPHE-00308

## Other ID

77-102B-08G

**Availability:** At NSSDC, Ready for Offline Distribution (or Staging if Digital)

## Description

This is a preliminary description of this data set, which is from the ISEE 2 Electrons and Protons experiment (Kinsey Anderson, PI) as supplied by George Parks on CD-ROMs.

These data cover the entire operational time period of the spacecraft (1977 - 1986). Data are at 0.1-second resolution, in IEEE binary. Software is provided (must be constructed on a UNIX machine) to read the binary files, edit, and produce ASCII output files with a user-specified averaging interval. A software guide was provided, written with FrameMaker. There is also a PostScript version.

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Parameters available are: electron and proton fluxes, separately, at 2 and 6 keV, a coincidence channel, spacecraft angle, GSE coordinates in km, and the spin phase rate.

For ISEE 2, additional parameters are available: fluxes of protons and electrons (combined) at 30, 60, and 200 keV, and electron fluxes at 30 and 60 keV. These additional parameters are not available for ISEE 1, although the data format is the same for both ISEE 1 and ISEE 2. The data from the two spacecraft are separate; the NSSDC IDs for these data sets are 77-102A-10I for ISEE 1 and 77-102B-08G for ISEE 2.

## Mission Name: Experiment

ISEE 2: Electron and Proton Fluxes in the Outer Magnetosphere (1.5-300 keV)

## Disciplines

Space Physics: Heliospheric Studies  
Space Physics: Magnetospheric Studies

## Media Information

15 CD-Write Once

## Personnel Information

FULL DATASET LISTING OF 77-102B-08G

ISEE-2 0.1-SEC ELECTRON AND PROTON FLUXES

SYSTEM: VAX

MODE: ASC

MEDIA #	COPY #	RECEIVED	DENS	TR	FILES	LOCATION	TIME SPAN
KD004246		08/18/1997		0	0	403D14	
KD004247		08/18/1997		0	0	403D15	10/28/1977 03/17/1978
KD004248		08/18/1997		0	0	403D16	03/19/1978 08/01/1978
KD004249		08/18/1997		0	0	403D17	08/02/1978 01/23/1979
KD004250		08/18/1997		0	0	403D18	01/24/1979 07/03/1979
KD004251		08/18/1997		0	0	403D19	07/04/1979 10/16/1979
KD004252		08/18/1997		0	0	403D20	10/17/1979 02/22/1980
KD004253		08/18/1997		0	0	403D21	02/24/1980 07/01/1980
KD004254		08/18/1997		0	0	403D22	07/02/1980 09/30/1980
KD004255		08/18/1997		0	0	403D23	10/01/1980 01/23/1981
KD004256		08/18/1997		0	0	403D24	01/28/1981 06/05/1981
KD004257		08/18/1997		0	0	403D25	06/07/1981 10/17/1981
KD004258		08/18/1997		0	0	403D26	10/21/1981 08/31/1982
KD004259		08/18/1997		0	0	403D27	09/08/1982 10/29/1983
KD004260		08/18/1997		0	0	403D28	10/30/1983 10/21/1986

INFORMATION SHEET FOR INCOMING DATA

NSSDC ID: 81-0724-13A-B

DATE DATA RECEIVED: 12/23/92

DATE NSDF COORDINATOR CONSULTED: \_\_\_\_\_

DATE SCIENTIST NOTIFIED: \_\_\_\_\_

SOURCE: <u>DR. W. KETTERER UNIVERSITY OF CALIFORNIA PAUL ALTO, CA</u>	MATERIAL RECEIVED: (NUMBER OF SHEETS OF HARDCOPY, NUMBER 100' REELS MICROFILM, NUMBER OF MAGNETIC TAPES, ETC.)  <u>1 mag tape</u>
PI AND AFFILIATION:  	

SATELLITE NAME/NSDF NAME: ISEE 1

EXPERIMENT NAME: \_\_\_\_\_

DATA SET FULL NAME: ENERGETIC ION COMPOSITION IN SPECTRA METER

CONTACT: \_\_\_\_\_ ACQUISITION SCIENTIST: GENE PLUM

FORM THAT WILL BE ANNOUNCED IN AIM/NSDF: DD

THESE ARE:  A NEW DATA SET  ADDITIONS  REPLACEMENTS  OTHER (EXPLAIN BELOW)

ACCESSION UNIT NUMBERS: D79071 026160

REMARKS:

CDAW-8

DATA RECEIPT NOTIFICATION SENT?

J. R. Schmitt  
DATA TECHNICIAN

Exclusively  
CDAW Proprietary Data, GLS

INFORMATION SHEET FOR INCOMING DATA

DATE DATA RECEIVED: 8/14/97

NSSDC ID: (AIM) NSDF 77-102A-10I

<p><i>DSC 708</i> <b>Kent</b></p>	<p>MATERIAL RECEIVED: (NUMBER OF SHEETS OF HARDCOPY, NUMBER 100' REELS MICROFILM, NUMBER OF MAGNETIC TAPES, NUMBER OF CD-ROMS, ETC.)</p> <p><i>14 C/D - w/o</i> <i>14 C/D - w/o</i> <i>28 total</i></p>
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SATELLITE NAME/NSDF NAME: ISEE-1

EXPERIMENT NAME: ELECTRON + PROTON

DATA SET SHORT NAME: 0.1-SEC ELECTRON AND PROTON FLUX

CONTACT: \_\_\_\_\_ ACQUISITION SCIENTIST: HKH

FORM CODE DATA TO BE ANNOUNCED IN AIM/NSDF: KA

THESE ARE:  A NEW DATA SET  ADDITIONS  REPLACEMENTS  OTHER

ACCESSION UNIT NUMBERS: KA004233-46

REMARKS: KW

DATA RECEIPT NOTIFICATION SENT? \_\_\_\_\_

*Ralph Post*  
DATA TECHNICIAN

INFORMATION SHEET FOR INCOMING DATA

DATE DATA RECEIVED: 8/14/97

NSSDC ID: (AIM) NSDF) 77-102B-086

SOURCE:	MATERIAL RECEIVED: (NUMBER OF SHEETS OF HARDCOPY, NUMBER 100' REELS MICROFILM, NUMBER OF MAGNETIC TAPES, NUMBER OF CD-ROMS, ETC.)
PI AND AFFILIATION:	<del>#</del> CD w/ end of July 15

SATELLITE NAME/NSDF NAME: ISEE-2

EXPERIMENT NAME: ELECTRONS + PROTONS

DATA SET SHORT NAME: 0.1-SEC ELECTRON AND PROTON FLUX

CONTACT: \_\_\_\_\_ ACQUISITION SCIENTIST: HKH

FORM CODE DATA TO BE ANNOUNCED IN AIM/NSDF: KD

THESE ARE :  A NEW DATA SET  ADDITIONS  REPLACEMENTS  OTHER

ACCESSION UNIT NUMBERS: KD 004247-60

REMARKS:

DATA RECEIPT NOTIFICATION SENT? \_\_\_\_\_

Ralph Jost  
DATA TECHNICIAN