

#527

ISEE 1

5 MINUTE AVERAGED ELECTRON PARAMETERS

77-102A-02C

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

5 MINUTE AVERAGED ELECTRON PARAMETERS

77-102A-02C SPMS-00193

This data set has been restored. There were originally two 9-track, 1600 BPI tapes written in Binary. There is one restored tape written in Binary. The DR tape is a 3480 cartridge and the DS tapes is 9-track, 6250 BPI. The tape was created on an IBM 3081 computer. The DR and DS numbers along with the corresponding D number and the time span is as follows:

DR#	DS#	DD#	FILE	TIME SPAN
DR03721	DS03721	DD47306	1	10/30/77 - 01/14/78
		DD47307	2	07/01/78 - 10/08/78

REQ. AGENT

LSM

RAND NO.

V0119

ACQ. AGENT

HKH

ISEE 1

5 MINUTE AVERAGED ELECTRON PARAMETERS

77-102A-02C

This data set consists of 2 tapes. They are 1600, Binary, 9 track with 1 file each. The tapes were made on the IBM 3081 computer. The 'D' and 'C' numbers with the time span are as follows:

<u>D number</u>	<u>C number</u>	<u>Time Spans</u>
D-47306	C-22105	10/30/77-1/14/78
D-47307	C-22106	07/01/78-10/8/78

CATALOG # 527

5-Min Averaged ISEE-1 Electron Parameters on Tape

This note describes magnetic tapes containing 5-min averaged electron parameters obtained from the ISEE-1 GSFC Electron Spectrometer of K. W. Ogilvie. The tapes are binary, unlabeled, created on an IBM 3081 computer, and contain 1 file per tape. The relevant DCB is: RECFM=VBS, BLKSIZE=24804, LRECL=124,, DEN=3. Each logical record is as follows:

1	I*4	Year (77, 78...)	
2	I*4	Decimal day (Jan 1 = day 0)	
3	I*4	Five min interval of day (0,1, ...287)	
4	I*4	No. fine scale points in average*	
5	R*4	R_{SC}	} km
6-8	R*4	$(X,Y,Z)_{SC,GSE}$	
9-10	R*4	$(Y,Z)_{SC,GSM}$	
11	R*4	Temperature ($^{\circ}K$)	
12	R*4	Density (cm^{-3})	
13	R*4	Speed (km/s)	
14	R*4	$\sigma_T(^{\circ}K)$	} standard deviations in words 11-13
15	R*4	$\sigma_N(cm^{-3})$	
16	R*4	$\sigma_V(km/s)$	
17	R*4	-	
18-20	R*4	$(V_X, V_Y, V_Z)_{GSE}$	(flow speed components in km/s)
21-23	R*4	$(Q_X, Q_Y, Q_Z)_{GSE}$	(heat flux components in ergs/cm ² sec)
24	R*4	$\cos \beta$	(β is angle between $\underline{V}$ and $\underline{Q}$)
25-27	R*4	B_x, B_y, B_z	(in γ , from C. Russell data pool tape words, quasi-GSE coords.)
28-30	R*4	$\sigma_{B_x}, \sigma_{B_y}, \sigma_{B_z}$	(in γ , standard deviations in words 25-27)

*Require at least 2 points; points with Mozer status $\neq$ passive, or with Harvey status $\neq$ "off before off after" excluded.

Joseph H. King

1/20/82

D-47306
10/30/77 - 1/14/78

44 302

FILE	1	RECORD	1	LENGTH	248	4	BYTES
(0)	60E4JN00	00700000	00000000	00000000	00000000	00000000	00000000
(4)	C511102F	451389D2	45290B9A	4147CFEA	431E22FE	442108F7	402667DE
(8)	4230F8D0	C1507D83	3EC4A421	BF1229B5	3E17FE16	4078E28C	C83B9ACA
(12)	C83B9ACA	C83B9ACA	00700000	00000000	00000000	00000000	00000000
(16)	44E73C8B	C5110EF2	4510B6EE	452B9CC7	4149CB02	431ED9F4	443EE982
(20)	C31E9414	4238DD88	402CA1E1	3EBD436D	BF102702	3E1CF800	405667D7
(24)	C83B9ACA	C83B9ACA	00700000	00000000	00000000	00000000	00000000
(28)	C512FD41	44E759E7	C5110D00	4510B392	4529DA72	414AC846	431D8878
(32)	3F63A362	C31033EB	423D7AE1	C13109D2	3E7F4EF5	BE1E1B39	3E23CC9B
(36)	C83B9ACA	C83B9ACA	C83B9ACA	C83B9ACA	00700000	00000000	00000000
(40)	4519C486	C512F718	44E77654	C5110A96	4510B093	452B000B	41563118
(44)	42188E0F	3F740AE8	C31E5450	423FF26A	42135C0B	3E8A08C3	BE9399DE
(48)	C83B9ACA	C83B9ACA	C83B9ACA	C83B9ACA	00700000	00000000	00000000
(52)	45231F1C	4519CE0A	C512F0E6	44E7920F	C511078A	4510ADF5	4526BA23
(56)	407F1E39	421C71F4	3F6675E0	C31021B3	423ABD57	C116259B	3E63AC5C
(60)	C83B9ACA	C83B9ACA	C83B9ACA	C83B9ACA	C83B9ACA	C83B9ACA	00700000
(64)	00000010	45232117	4519D14B	C512EAD1	44E7AC42	C5110481	4510ABCA
(68)	442B0565	40C68121	42287948	3F4CC461	3C1BA260	42468FA8	C163EC02
(72)	40B54377	C83B9ACA	C83B9ACA	C83B9ACA	C83B9ACA	C83B9ACA	C83B9ACA
(76)	00000000	00000000	45232374	4519D931	C512E327	44E7CC10	C510FFE1
(80)	431C1E66	4425F90D	404634F3	4219713D	3F4CD3C4	C31B83A9	42355253
(84)	BE5E8FC1	C02DF246	C83B9ACA	C83B9ACA	C83B9ACA	C83B9ACA	C83B9ACA
(88)	0000012E	00000109	00000010	452324E6	4519DDF5	C512DE1D	44E7E024
(92)	41504061	431C5521	44343AF2	4092AC51	42266C73	3F4EDF51	C31C2321
(96)	BE0B7E0E	BE33922E	404367D3	C83B9ACA	C83B9ACA	C83B9ACA	C83B9ACA
(100)	00000000	0000012E	0000010A	00000011	452326A7	4519E424	C512D7AB
(104)	4525284E	4145F1A8	431C0360	4432DA9D	40778DA7	4215C930	3F42E938
(108)	3E6C1146	BE54FDB8	3D965F52	40C036DB	C83B9ACA	C83B9ACA	C83B9ACA
(112)	00700000	00000000	0000012E	0000010B	00000010	45232850	4519EA46
(116)	4510A675	4529885A	414A83F1	431E2676	4448B945	40C18520	422C1E53
(120)	41766979	3E95029A	BE920BF9	BE10570C	40E1A043	C83B9ACA	C83B9ACA
(124)	C83B9ACA	00700000	00000000	0000012E	0000001C	00000011	452329DE
(128)	C510ECF7	4510A611	4525619D	414806B0	431CCBAB	44443753	40AD65BA
(132)	423668D4	41508A63	3E5731E4	BE5AE2C4	3D3EFA66	40E136C4	C83B9ACA
(136)	C83B9ACA	C83B9ACA	00700000	00000010	00000012E	00000010	00000010
(140)	44E83F4B	C510E6DC	4510A60F	45279414	4149782B	43106391	4429A7D4
(144)	C31D2C93	422A6A58	C1309F2E	3E3BCBDA	BE5E8A18	BE13AD13	40C1EA89
(148)	C83B9ACA	C83B9ACA	C83B9ACA	00700000	00000000	00000012E	0000000A
(152)	C512BDA1	44E85458	C510E090	4510A667	45233A91	41432B94	431342FF
(156)	3F2EE193	C3180D85	421E12A6	4215C8D8	3E2A9AF6	BE336D7C	3DAAF7E3
(160)	C83B9ACA	C83B9ACA	C83B9ACA	C83B9ACA	00700000	000	

(19640)	4523E260	42119CE0	42E35DA4	442480A8	437E8FE2	4184164C	3FD8149C	C2DCD08C	C222DC0C	4226962C
(19650)	BF1263A4	3E6C4C97	BE64428C	C077CD73	C1423139	C143B664	C13F19C3	41114442	40C13A54	40E66B8E
(19720)	0000004E	0000004E	0000004E	00000073	0000004E	45237F68	C4BA9611	C51E08EE	44CD32A1	C51D86C4
(19760)	44EE1414	4527E2AC	42119340	42DD58D5	4419DC85	4111F1C1	4185DD98	3F998031	C209BF59	C22122A2
(19800)	42126565	BF101660	3E27940E	BE5F932D	C08EAC0C	C1501196	C134E626	C08C6EB9	405F4F5E	4069BDB8
(19840)	41168F85	007C0000	0000004E	00000074	0000004E	4523113E	C4BA1589	C51E0DF0	44DD3B93	
(19880)	C51D8806	44EE95F5	45225024	42156CED	42D91346	43DF7FDB	41131C8C	41B7AF3C	4010868E	C2D288C7
(19920)	C2108A37	42296294	BF12E9CE	3E6C40F9	BE1B77A5	C0C1A8B4	C11968D0	C137D87F	C159F7DF	411B0216
(19960)	403E486F	411FFAA5	007C0000	0000004E	00000075	0000004E	452312F7	C4B99498	C51E12D3	
(20000)	440D43C6	C51D8998	44EF4937	45238C31	42139E15	42E799C2	44108E8A	40C17E83	41898588	401D7BD9
(20040)	C2E0D888	C218FA86	422D38A1	BF12EAC3	3E02E08D	BE3628C0	C0B1E982	C04C7EAE	C1472257	C1816977
(20080)	411A1FBD	40736755	4113BEED	007C0000	0000004E	00000076	0000000F	45231467	C4B92267	
(20120)	C51E1711	44DD4A6A	C51D8E48	44EF6390	4522E565	4213940A	42E93C43	43FC491A	4081EC4D	418F5B30
(20160)	4017526A	C2E28452	C2218E37	42E84368	BF151357	3EA70D70	BE583C33	C0928588	C0727C57	C1506133
(20200)	C1882890	4C852D87	406640B0	402FE7FA	007C0000	0000004E	0000000E	00000077	0000000F	4523160A
(20240)	C4B8971D	C51E1C1B	44DD51BD	C51D8D97	44EF0288	4521101A	4212FF7D	42E4CA04	4412AF55	40860409
(20280)	417E1B68	401F7770	C2D8A552	C224AEE3	42317A18	BF13446E	3E9613EE	3E27FFE8	C06F0BE3	411ACEA5
(20320)	C13D0293	C1978EF2	41165E02	40864AAA	40DC9B22	007C0000	0000004E	0000000E	00000078	0000000E
(20360)	4523175C	C4E81F5B	C51E2056	44DD575C	C51D8FE5	44F00710	45208EA8	4210A297	42D8D648	4416FD91
(20400)	41118DB1	4153C47D	4021A0DC	C2D0E822	C22160CE	422CE908	BF146D06	3EDDDFB2	3E2FEA10	C08C0C1C
(20440)	C088C22C	C15468A9	C1948785	4079D1FF	40BE5D8D	40D0853B	0000004E	0000000E	000000CE	00000079
(20480)	00000010	452318BA	C4B7987C	C51E24FB	44DD5CF4	C51D92CA	44F0464E	452B1BE1	41C54D75	42E4BA7E
(20520)	4457F116	4115B3D3	419CF496	41059ACF	C2D7221B	C2278AEF	41791431	BF1D558D	3F100C41	3E724134
(20560)	C093AEDB	4145E0AF	C14A9C44	C1CB03B0	413C46A7	4115D495	4113E305	007C0000	C08C004E	0000000E
(20600)	0000007A	0000000E	452319F8	C4B713CE	C51E2971	44DD61B3	C51D95F8	44FC75CD	453570B9	418C1844
(20640)	42E35100	442FF72A	40599C3B	4181E664	40205B44	C2DD2D62	C2297E08	C21A35D3	BF17C2CE	3E8B1819
(20680)	3F15E398	C0BDFA0D	4172BAE5	C12CD585	C1E58256	40743DB8	4084A948	404E8139	007C0000	0000004E
(20720)	0000000E	0000007B	00000010	45231B08	C4B69438	C51E2D9D	44DD6596	C51D994E	44F1967F	45384C74
(20760)	41C86BE5	42E3D802	44119987	40812E9A	41897675	402F9617	C2D8B771	C22BF7C0	C225BA19	BF1AC762
(20800)	3ECF2A53	3F186AD5	C0AE4324	41693DA6	C1365DB1	C1EDC494	41B194D2	408EBE27	408851E6	007C0000
(20840)	0000004E	0000000E	0000007C	0000000E	45231C26	C4B685E4	C51E3225	44DD691B	C51D9D5A	44F0AB8C
(20880)	453659A8	41C9AA96	42E77150	4438EECA	411479BA	4172C72E	40253ECA	C2E01741	C231C16C	C1B3D898
(20920)	BF13C8BA	3E9AF915	3F193852	C0C9B5E4	4162BB6D	C138D05C	C1E1D38A	411EE318	40CDB8EC	4113FD6D
(20960)	007C0000	0000004E	0000000E	0000007D	0000000C	45231CE5	C4B59C5E	C51E356E	44DD6834	C51DA092
(21000)	44F0B154	4531F471	41F0A5A5	42F3D0BD	441AF388	4092C220	41A3228A	403163A1	C2EE5588	C2305448
(21040)	419FAC5F	BF17A258	3F12113E	3F1BE468	C0BD93FA	4116D4D5	C161CD61	C1C0076C	40EFC45D	40CA4BAF
(21080)	437D4FC6	007C0000	0000000E	0000007E	0000007E	00000010	45231D07	C4B50DA5	C51E39BE	44DD6D48
(21120)	C51DA53D	44F0AB1F	453D4693	41D6BD77	42E9EB98	4424FC18	40868D5D	41D7F784	402C89C2	C2E4D937
(21160)	C22B3FEF	41C2810C	BF1CACC6	3F101646	3F199F99	C5CC1FD1	4149F061	C14CC613	C1D6A3F7	40FE22C3
(21200)	40A12A1E	403D9EAB	007C0000	0000004E	0000000E	0000007F	00000000	45231E7C	C4B48B7E	C51E3D93
(21240)	44DD6E80	C51DA9C7	44F09802	45341570	41C28D1D	42E8AF66	4430E9C7	40A49C96	4210082E	4039A63D
(21280)	C2E33D81	C22EFC0A	C191D2C9	BF1323A0	3F12E19E	3F1D5877	C0E31A97	41458318	C1515321	C1DE4F03
(21320)	40E62045	40FE2FD3	4036C35C	007C0000	0000004E	0000000E	0000000E	00000010	45231F1F	C4B403DA
(21360)	C51E4173	44DD6F13	C51DAECA	44F07737	4534A1D5	41E8E558	42EDF1A8	4433CD71	404F778C	419316A2
(21400)	4329010A	C2EFC1D9	C22EEB1A	C178E656	BF198131	3EE5FA24	3F1EFC6A	C0DFB4B7	4151E79A	C1571166
(21440)	C1E34FDD	40598DF1	40553AA7	40551B17	007C0000	0000004E	0000000E	0000000E	00000081	0000000D
(21480)	C483741D	C51E4571	44DD6EE3	C51D8468	44F04590	45366363	41C0B402	42E98D63	444200D9	41115A36
(21520)	41F24A89	4029BE58	C2E4E89C	C22A56D1	C168F084	BF1806EC	3F10426A	3F1CD619	C0857641	4156DD03
(21560)	C133B78E	C1CDE021	41271FE9	412BA839	41176FF5	007C0000	0000004E	0000000E	00000082	0000000D
(21600)	4523200D	C4B2FC90	C51E48A9	44DD6E22	C51D8956	44F0112D	453A78C9	41CD88A4	42E3C3E7	442BCC6D
(21640)	4073861B	41836191	402236AE	C2DED6D3	C22E3751	C1F9FC9C	BF19D337	3EEDF364	3F1ECC91	C0DFAF94
(21680)	41650B1B	C12E2298	C1CE1067	412341EE	41232A4B	4113A1AE	007C0000	0000004E	0000000E	00000083
(21720)	0000000C	45232062	C4827522	C51E4C36	44DD6CA2	C51D8F28	44EFC9BD	453BE94D	41CF8C5E	42E5BCCD
(21760)	4433F7FF	4066BE0E	4185BE07	401DD146	C2E21F25	C225CA9A	C19623CC	BF249E1A	3E32443E	3F207F7A
(21800)	C0B863B2	41B2FF95	4116F748	C1AA92C0	4093272A	40F8D312	409BD96B	007C0000	0000004E	0000000E
(21840)	00000084	00000708	45232DA6	C481D846	C51E501F	44DD6A16	C51DC61C	44EF68D0	453C4C96	41D94EC4
(21880)	42EA6184	4428A74E	407D0CF4	421018ED	40268098	C2E6FF54	C22422F0	C1E581AC	BF27F0F4	3E119530
(21920)	3F1ECCD8	C0B81662C	41A3B110	4098C06E	C1C02A1A	40BC8AB2	40A855B0	40A1AB5F	007C0000	0000004E
(21960)	0000000E	00000385	00000032	45232088	C4B19FA0	C51E5199	44DD6E83	C51DC8E2	44EF3F68	45409FB3
(22000)	41E7EA97	42ED58D0	43EEEE53	401566A4	4111A9DD	403AEEAF	C2E96658	C21D9352	C21E82DB	BF29E67C
(22040)	3E630F5F	3F269EB7	C0AEC2D8	41A98EB8	409AED98	C1AFDEB8	40CC73F3	40FED3E4	4037A1FA	

FILE	INPUT RECS.	DATA RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY	INPUT RETRIES
				PERM ZERO B SHORT UNDEF.	#RECS. TOTAL#
1	52	53	24804	0 1 7 0	1 1