#618

ISEE 3

1 MIN. AVERAGED FIELD DATA WITH SPEED

78-079A-02J

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1 MIN. AVERAGED FIELD WITH SPEED

78-079A-02J

This data set has been restored. There were originally two 9-track, 1600 BPI tapes written in Binary. There is one restored tape. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tapes were created on an IBM 360 computer and the restored tapes were created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D numbers are as follows:

DR#	DS#	D#	FILES	TIME SPAN
DR005026	DS005026	D059941	1	08/13/78 - 12/31/78
		D059942	2	01/01/79 - 06/28/79

REQ. AGENT	RAND #	ACQ. AGENT
DAD	V0223	HKH

ISEE 3

1 MIN. AVERAGED FIELD DATA WITH SPEED

78-079A-02J

THIS DATA SET CONSISTS OF 2 TAPES. THE TAPES ARE 1600 BPI, BINARY, 9-TRACK, HAVE ONE FILE EACH AND WERE CREATED ON AN IBM 360.

D#	C#	TIME SPAN
D-59941	C-23578	08/13/78 - 12/31/78
D-59942	C-23579	01/01/79 - 06/28/79

ISEE-3
78-079A-02J

1-MINUTE AVERAGED MAGNETIC FIELD WITH SOLAR WIND FLOW SPEED

These data are contained on 2 9-track, 1600 bpi, unlabelled magnetic tapes with the following DCB:

DCB=(LRECL=88,BLKSIZE=26404,RECFM=VBS,DEN=3)

WORD	TYPE	DESCRIPTION
1	I*4	YEAR (78, 79, 80)
2	I*4	CDAY (JAN. 1 = DAY 1)
3	I*4	SECONDS OF DAY AT START OF MINUTE
4	R*4	V (SPEED FROM LOS ALAMOS REDUCED DATA SET)
5	R*4	ISEE POSITION X-GSE (METERS)
6	R*4	ISEE POSITION Y-GSE (METERS)
7	R*4	ISEE POSITION Z-GSE (METERS)
8	R*4	$\langle B \rangle_x$ GSEγ
9	R*4	$\langle B \rangle_y$
10	R*4	$\langle B \rangle_x$
11	R*4	$\langle B_x^2 \rangle$
12	R*4	$\langle B_x B_y \rangle$
13	R*4	$\langle B_x B_z \rangle$
14	R*4	$\langle B_y^2 \rangle$
15	R*4	$\langle B_y B_z \rangle$
16	R*4	$\langle B_z^2 \rangle$
17	R*4	$\langle \cos \alpha \rangle = \langle B_x / \lvert B \rvert \rangle$
18	R*4	$\langle \cos \beta \rangle = \langle B_y / \lvert B \rvert \rangle$
19	R*4	$\langle \cos \gamma \rangle = \langle B_z / \lvert B \rvert \rangle$
20	R*4	$\langle \lvert B \rvert \rangle$
21	R*4	$\langle \lvert B \rvert^2 \rangle$

This tape was created at GSFC (J. King) from reduced magnetometer data provided by E. Smith (JPL) and plasma data provided by S. Bame/R. Zwickl (LANL).

BR/DS 005026

RECORD 1 OF FILE 1
LENGTH = 26404 BYTES

78 225

67240000	00580000	000000~~4E~~	00000~~0E1~~	00000000	00000000	00000000	00000000	00000000	C12E4ED9
4175F933	C1200CBD	418E0917	C2152CE7	4158BDCF	4236A340	C1E81E4F	415B3F67	C059421C	40E2F1DC
C03DC896	41850592	424537D5	00580000	0000004E	000000E1	0000003C	00000000	00000000	00000000
00000000	C12C8EFD	416FFA78	C138DCDB	417F8403	C21366A1	419D1926	4231407C	C218C56D	41D075F6
C055729B	40D5D80E	C06CAC7D	4185F8A0	4246401A	00580000	0000004E	000000E1	00000078	00000000
00000000	00000000	00000000	C13ECAF4	4165C9EE	C132F896	42104D2F	C218954C	41BC82A9	422911B7
C2146C56	41B64538	C079F3D7	40C45EE5	C0625742	418473EA	4244C339	00580000	0000004E	000000E1
000000B4	00000000	00000000	00000000	00000000	C13C5EDD	41763515	C12AC706	42136013	C2194553
418A09F4	4239BB43	C213C432	41A53DD9	C06BCC4A	40CAB13D	C0498EA7	41945696	42576F34	00580000
0000004E	000000E1	000000F0	00000000	00000000	00000000	00000000	C142B70C	417EB1D9	C12B99ED
4214684B	C21F2083	41AD7175	42418196	C216CC43	41B0F06F	C0701F42	40CDA415	C043F327	419C814F
4260F8F5	00580000	0000004E	000000E1	0000012C	00000000	00000000	00000000	00000000	C16D39CB
416004B5	C111CD89	4230514E	C227ED5C	4176F36C	4226A824	C15AE6E4	41563309	C0B7B3D8	40A01882
C01F3E24	4198D7F0	425C5CA5	00580000	0000004E	000000E1	00000168	00000000	00000000	00000000
00000000	C16C4A8C	4166D293	C11EDE35	42306B43	C22A90B0	41DC809D	422DEAF4	C1E263F1	4195C9E4
C0AD807F	40A07347	C02CD76A	41A139C0	4267B2F1	00580000	0000004E	000000E1	000001A4	00000000
00000000	00000000	00000000	C150A176	4155E315	C12825D8	421AAF21	C2194268	41D55048	42248886
C1F5E282	41AF6BB9	C09EAD3E	409AA305	C047ACA3	41878240	424A2E70	00580000	0000004E	000000E1
000001E0	00000000	00000000	00000000	00000000	C15DD421	417863BC	C12CF5F6	42263710	C22A4474
41F8A1CA	423C16A7	C214A710	41A6758E	C09118C1	40B836C9	C046581C	41A6161E	426CB4FD	00580000
0000004E	000000E1	0000021C	00000000	00000000	00000000	00000000	C1454D01	416E2268	C1269B3D
42175FB1	C219C1DE	41B0F41F	4235F8A0	C21000D8	41C37F62	C07CCFBF	40B75200	C0416649	4195BE76
42599041	00580000	0000004E	000000E1	00000258	00000000	00000000	00000000	00000000	C139E373
416506EC	C12DB24C	41E87318	C214D5F6	41BD2617	422BA5BC	C1F4CE70	41A7D638	C0712AD8	40C214BD
C059E7D9	41844E7A	4244AA57	00580000	0000004E	000000E1	00000294	00000000	00000000	00000000
00000000	C1591259	414A0307	C13C08AE	422008F5	C21998E8	42148D1B	4216D809	C210BD4F	41FB8937
C0AA21FA	408D81CF	C0730004	4185DFE3	42469999	00580000	0000004E	000000E1	000002D0	00000000
00000000	00000000	00000000	C15609A0	41590C5E	C12B92B7	421DACCC	C21D6B8B	41E7A92A	42201645
C1F3E353	4189C322	C0A5859C	40A9F330	C0528E60	4185C543	42465F3B	00580000	0000004E	000000E1
0000030C	00000000	00000000	00000000	00000000	C164C12A	4157522A	C132AE1E	4228D8AD	C222001A
4213FAF4	421FC52B	C210C81D	41BB44D0	C0B0EBCC	409889F4	C058E736	419210E0	4254522D	00580000
0000004E	000000E1	00000348	00000000	00000000	00000000	00000000	C15BA0E4	415961A6	C129AB0C
4222DC08	C21FA32C	41E697F6	422072EB	C1E51E4F	41A26BB9	C0A6E568	40A4C5DA	C04C8A8B	418BB6B8
424D75B5	00580000	0000004E	000000E1	00000384	00000000	00000000	00000000	00000000	C156AD6C
4165F16B	C1328034	4220F978	C2205EBE	4210773E	422AF041	C2136D97	41C514E3	C0944513	40ADA4CE
C0566F0C	4196051E	42583B08	00580000	0000004E	000000E1	000003C0	00000000	00000000	00000000
00000000	C1518A91	4165F208	C12226CA	421C686C	C21E49BA	41B831F8	422B5ADA	C1CEE353	419773AB
C0922057	40B66F50	C03A18EF	418F8846	42513A7E	00580000	0000004E	000000E1	000003FC	00000000
00000000	00000000	00000000	C158B500	41594FFE	C1125643	42210546	C21EEBC0	41690735	4221175F
C1395072	41C6AEE6	C0A01722	40A365A9	C0222930	418CADE0	424E879A	00580000	0000004E	000000E1
00000438	00000000	00000000	00000000	00000000	C14A489F	41437FA1	C1559465	4215ADD2	C213934D
4218D2D0	4212091D	C2167666	421CE3D0	C08FB97B	40829B28	C0A55D1C	41846300	42449AC7	00580000
0000004E	000000E1	00000474	00000000	00000000	00000000	00000000	C148ED13	41449355	C151E315
4214D2B6	C2138E35	42174553	4212BB4A	C2159453	421AA041	C08F7AC3	4086EB4E	C0A1083D	41822474
42422E42	00580000	0000004E	000000E1	000004B0	00000000	00000000	00000000	00000000	C1457952
4147F43E	C14F41D2	4212FF55	C213A3C9	4215461E	4214AA92	C215B893	42196C71	C089D788	408ECF74
C09D13B5	41810FD9	4241165F	00580000	0000004E	000000E1	000004EC	00000000	00000000	00000000
00000000	C129743E	4169EF7E	4116C39F	41879A36	C2103A0F	3F9DC054	422CAEBE	41BDB851	41C167A0
C0524CA4	40D1D7CB	402CB966	4181357E	42413ED9	00580000	0000004E	000000E1	00000528	00000000
00000000	00000000	00000000	C122C710	41732973	412BAED1	414F4A62	C1F91E4F	C15EA73D	4233EDC5
421384FD	417CCF18	C0454317	40E51C4B	405700BC	4180A676	4240AF55	00580000	0000004E	000000E1
00000564	00000000	00000000	00000000	00000000	C06FD33D	416BCFAA	41402E1E	411B1E6E	C1382D96

RECORD 677 OF FILE 1
LENGTH = 21124 BYTES

52840000	00580000	0000004E	0000016D	00011940	00000000	48504996	48261573	C6222504	41425AD9
C126CEB9	41182D62	4211F70A	C19D26F3	4155A4E7	416C650C	C12E6853	41506CAA	40C29DD7	C07161C3
4047CDCC	41574669	421DC42C	00580000	0000004E	0000016D	0001197C	00000000	48504996	48261573
C6222504	413BBABC	C138C860	402C2ABA	41EB1F21	C1D19581	C070DF26	41CBD0E5	C0BBAF74	412B8FA5
40AE0F2B	C0A5715C	3F831ECE	4157D95F	421E27F6	00580000	0000004E	0000016D	000119B8	4328A5EB
48504996	48261573	C6222504	41343851	C13695FE	C11E08CE	41AF645A	C1B327BB	C1569D14	41C4EC56
4154663C	417755E4	4096D81A	C09DBBCF	C05625E9	4158ADAB	421EBA6B	00580000	0000004E	0000016D
000119F4	4328A5EB	48504996	48261573	C6222504	411FD623	C1440BD6	C11107D2	41503F52	C17233C6
C13C0B4E	421461EB	4118DCE5	41595379	405CAC8E	C0C24F00	C032FE82	415901B8	421EFB15	00580000
0000004E	0000016D	00011A30	4328A5EB	48504996	48261573	C6222504	405E49C2	C158F69E	41141018
40542C5E	C120E17C	4065ED28	421EED84	C16F1129	411B61F9	40106E99	C0F7EC02	4037EDFA	415BDCA6
4220F7C8	00580000	0000004E	0000016D	00011A6C	4328A5EB	48504996	48261573	C6222504	40B5F8F4
C15A196F	404A4E7A	41105512	C13F61F9	40488C1D	421FBA29	C119D753	40A04C16	401F7531	C0F98D69
3FCD50EB	415C6CF4	42215FCB	00580000	0000004E	0000016D	00011AA8	4328A5EB	48504996	48261573
C6222504	41172EE6	C1591E25	405CDFAC	41270FE4	C17FC6BC	4067074A	421F0D7D	C1207BB2	405F2420
403FB256	C0F50CB2	3FFFDE8C	415D1B13	4221DD9E	00580000	0000004E	0000016D	00011AE4	4328A5EB
48504996	48261573	C6222504	41257DF3	C154C49B	405D9F2B	415DB2DF	C1C45C28	40B7FED2	421C2141
C11FDD44	40439F87	40668038	C0E7C5DE	3FFF860C	415DA1D5	4222400D	00580000	0000004E	0000016D
00011B20	4328A5EB	48504996	48261573	C6222504	412B2973	C14FB827	3F1B6B0A	418B2ED1	C1CCD8AD
C047CCD0	42192A71	C02CBA40	40298761	40763BDD	C0DAC16D	3E526E61	415D52FC	422206E2	00580000
0000004E	0000016D	00011B5C	432ABD1E	48504996	48261573	C6222504	413EFE1D	C1434BE6	C0707F34
41F91C43	C210792A	C11D6EAC	4211D21F	411A8DF7	40B0893B	40ACB86B	C0B86499	C0136696	415D656A
42221474	00580000	0000004E	0000016D	00011B98	432ABD1E	48504996	48261573	C6222504	4137460A
C14BE5E8	4095E53A	41BF7AE1	C2105E56	4120174E	42168495	C12C8068	406FE985	4095A75C	C0CD8383
40195B08	415E8C49	4222EC36	00580000	0000004E	0000016D	00011BD4	432ABD1E	48504996	48261573
C6222504	412C7AA2	C14FC985	41159869	417D11DB	C1DD346D	413B28C1	4218E333	C16C0307	411E106C
40790507	C0D918B0	403AC0E7	415E1672	42229553	00580000	0000004E	0000016D	00011C10	432ABD1E
48504996	48261573	C6222504	412AA56F	C1526FE7	C02C9E55	4172A051	C1DB46DC	C06B79C8	421A9A1C
4112631F	411BB1A4	40728C04	C0DD5B78	BF6EF820	415F5119	42237F3B	00580000	0000004E	0000016D
00011C4C	432ABD1E	48504996	48261573	C6222504	41316ADD	C1507C11	C1103B79	41998461	C1F810CB
C1324302	42195439	41517C50	41110572	4083D145	C0D6AC75	C02B4A44	415FFA6D	4223FCCC	00580000
0000004E	0000016D	00011C88	4327A6E1	48504996	48261573	C6222504	412B6762	C152FA24	C0A5ACFF
4176CA62	C1E0978D	C11BEEEB	421AEA92	4135A3E1	40857ADD	4075A426	C0E0DE2A	C01C0757	415E76FD
4222DCB2	00580000	0000004E	0000016D	00011CC4	4327A6E1	48504996	48261573	C6222504	412E9CA1
C15173AB	C06755EF	41887C99	C1ECF765	C112FB4A	4219EDF3	4120CC39	4044193B	407E8C26	C0DD2F6E
C0117C80	415E47B8	4222B9DB	00580000	0000004E	0000016D	00011D00	4327A6E1	48504996	48261573
C6222504	412E2AB8	C14EFCC3	C0CA830A	41866872	C1E3182A	C1259BC5	42186ACD	413D7A24	40C09289
407F7F38	C0DA2403	C022F9CA	415CB24C	422191EB	00580000	0000004E	0000016D	00011D3C	4327A6E1
48504996	48261573	C6222504	41276E58	C15424FC	C04F98FA	4161C93C	C1CF1893	C0C4CCAB	421BAB85
411A1576	4026F416	406C508B	C0E720FB	BFDAAD2A	415D32E9	4221EF0D	00580000	0000004E	0000016D
00011D78	4327A6E1	48504996	48261573	C6222504	412956A1	C1524D55	BFFA7886	416B59D3	C1D45E35
C0270CDC	421A78CE	405209ED	40153ED6	4072B207	C0E45447	BF2AE876	415C469D	422143A9	00580000
0000004E	0000016D	00011DB4	43284547	48504996	48261573	C6222504	412856C0	C15310C0	C0240E8C
4167B6B8	C1D0703A	C05D2C9D	421AFCCC	40B859A7	401A2E09	406F68F0	C0E5629D	BF63C42A	415CB3A6
42219268	00580000	0000004E	0000016D	00011DF0	43284547	48504996	48261573	C6222504	41326905
C14C9A6B	C01A7514	41A01EB8	C1F09168	C063D9CA	4216F594	40700BAA	4030F0F9	408C0A9D	C0D4E486
BF49113B	415C2090	4221286C	00580000	0000004E	0000016D	00011E2C	43284547	48504996	48261573
C6222504	4134DC13	C14B4D7F	C065E892	41B0A511	C1F772B0	C115D4DE	421636DC	411D21FF	405E3D0B
4091D1E5	C0CFD640	C0118C7C	415CC52E	42219F6F	00580000	0000004E	0000016D	00011E68	43284547
48504996	48261573	C6222504	4137E7A0	C147ADD5	C0D1A847	41C6D5CF	C1F729C7	C12FEF73	42144865
41381B71	40F0BB2B	409A3571	C0C5BC44	C0241637	415CCE9A	4221A67A	00580000	0000004E	0000016D
00011EA4	43284547	48504996	48261573	C6222504	4132E368	C14C65E8	C0AA26E5	41A25B57	C1F2A4A8

D-59941

8/13/78 – 12/31/78

DUMP OF TAPE DOUT1

INPUT TAPE DOUT1 ON TOI
DATA INPUT [illegible]

78 225 August 13

FILE	1 RECORD	1 LENGTH	2 BYTES							
(0)	47[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	00000000	00000000	00000000	00000000	C12E4ED9
(40)	417[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	C1F81F4F	41583F67	C0594210
(80)	[illegible]	41[illegible]92	42[illegible]	00580000	0000004E	000000E1	0000003C	00000000	00000000	00000000
(120)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(160)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(200)	00000000	00000000	00000000	C15ECAF4	4165C9EE	C132F896	42104D2F	C218954C	41BC82A9	42291187
(240)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(280)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(320)	418A09F4	42596B43	C215C432	41A33DD9	C06BCC4A	40CA3130	C0498EA7	41945696	42576F34	00580000
(360)	[illegible]	[illegible]	[illegible]	[illegible]	00000000	00000000	00000000	C1428700	417EB1D9	C12899ED
(400)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(440)	42[illegible]	00580000	0000004E	000000E1	00000120	00000000	00000000	00000000	00000000	C16D39CB
(480)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(520)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(560)	00000000	C18C4A3C	41B[illegible]93	C11EDE3B	42306B43	C22A90B0	41DC809D	422DEAF4	C1E263F1	4195C9E4
(600)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(640)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(680)	C1F3E262	41AF6BB9	C09EAD3E	409AA305	C047ACA3	41878240	424A2E70	00580000	0000004E	000000E1
(720)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(760)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(800)	0000004E	000000E1	00000210	00000000	00000000	00000000	00000000	C1454D01	416E2268	C1269B3D
(840)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(880)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(920)	[illegible]	C12DB240	41C87316	C21405FB	41BD2617	4228A5BC	C1F4CE70	41A7D638	C0712AD8	40C214BD
(960)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(1000)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(1040)	C0AA21FA	408081CF	C0730004	4185DFE3	42469999	00580000	0000004E	000000E1	000002D0	00000000
(1080)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(1120)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
(1160)	00000000	00000000	00000000	00000000	00000000	C164C12A	4157522A	C132AE1E	4228D8AD	C222001A
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