

#441

S3-3

CDAW DATA SETS

76-065B-01A, 02A, 07A, 08A

SPMS-00589-01A

SPMS 00386-02A

SPMS 00373-07A

SPMS 00664-08A

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

VR ELECT FIELD MEASUREMENTS, TAPE

76-065B-01A SPMS-00589

This data set has been restored. There was originally one 9-track, 1600 BPI tape 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 tape was created on a 7/32 computer and the restored tape was created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D number are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005912	DS005912	D033819	1 - 4	07/28/77 - 07/29/77

REQ. AGENT

VJP

RAND NO.

RD2467

ACQ. AGENT

MJT

S3-3

Vector Electric Field Measurements on Tape

76-065B-01A

This data set catalog consists of 1 data tape. The tape is 1600 BPI, 9 track, with 4 files of data. The tape was created on an Perkin-Elmer 7/32 computer.

Time span is as follows:

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-33819	C-20618	07/28/77 - 07/29/77

CDAW TAPE DOCUMENTATION FORM

SECTION I. DATA SET DESCRIPTION (please print)

1. Data Set Name MOZERCDAW		
2. Scientific Contact Forrest Mozer	3. Telephone No. or Telex No. (415) 642-0549	
4. Address Space Sciences Lab, University of California		
5. City Berkeley	6. State California	7. ZIP Code or Country 94720
8. Programmer Contact Sharon Primbsch (415) 642-1789		

SECTION II. TAPE DESCRIPTION

1. No. of Tapes Submitted 1	2. Tape Density <input type="checkbox"/> 800 bpi <input checked="" type="checkbox"/> 1600 bpi	
3. No. of Files (per tape) 4 data files followed by 1 file mark		
4. No. of End of File Marks 5	5. No. of Tracks <input type="checkbox"/> 7 <input checked="" type="checkbox"/> 9	
6. Recording Parity Odd	7. Make and Model of Computer Used to Generate Tape Interdata (Perkin-Elmer) 7/32	
8. Are tapes written in binary, coded or both? (e.g. BCD) binary		
9. What floating point representation is used? (e.g. CDC 64 bit) 32-bit two's complement		
10. What integer representation is used? 16-bit		
11. No. of Physical Records (per file) See Attached		
12. Are original tapes to be returned? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
13. Start and Stop Time of Each File (If more space is needed, please attach.) See Attached		

SECTION III. LOGICAL AND PHYSICAL RECORD FORMAT (please attach)

SECTION IV. TO BE FILLED IN BY IMS/SSC ONLY

CDAW No. 2.1

Date Received Jun 1 1979	Tape No.
Programmer ID AR	CON No. 72.
Data Base	Date Loaded

Data Ser Memor. 538M

MOZERCDAW - Record Format

One 64-byte logical record per physical record
All tape records have the same format

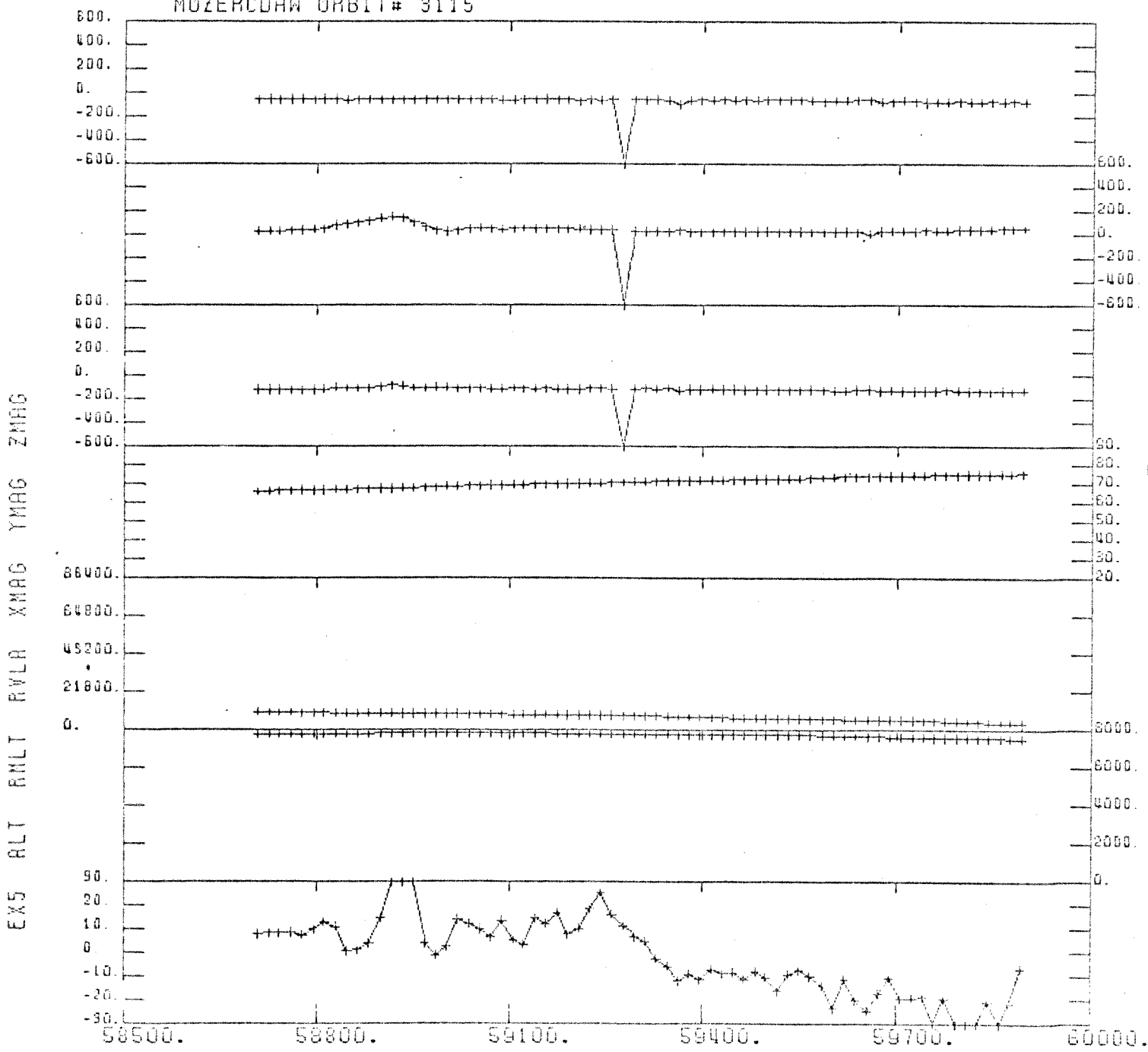
Byte	Data Type	Symbolic Name	Quantity	Units	Usual Range of Values	Bad Data Flag
1-2	integer	NPT	record counter	-	1 to total # in file	-
3-4	integer	NORB	S3-3 orbit number	-	3115 to 3124	-
5-6	integer	IYR	year	-	1977	-
7-8	integer	IDAY	day of year	-	209 - 210	-
9-12	f.p.	TIME	time of day	seconds	19000. to 73000.	-
13-16	f.p.	EX5 ✓	electric field	mv/meter	-100. to 100.	-
17-20	f.p.	ALT	altitude	kilometers	0. to 9000.	-
21-24	f.p.	RMLT ✓	magnetic local time	seconds	0. to 86400.	-
25-28	f.p.	RVLA ✓	invariant latitude	degrees	0. to 90.	-
29-32	f.p.	XMAG ✓	X-comp. magnetic field	gammas	-1000. to 1000.	-2000.-
33-36	f.p.	YMAG ✓	Y-comp. magnetic field	gammas	-1000. to 1000.	-2000.
37-40	f.p.	ZMAG ✓	Z-comp. magnetic field	gammas	-1000. to 1000.	-2000.
41-42	integer	IF1 IFIL (1)	first boom-65 filter	bits	1 to 255	0
.	.	:	:	:	:	:
.	.	:	:	:	:	:
.	.	:	:	:	:	:
63-64	integer	IF12 IFIL (12)	twelfth boom-65 filter	bits	1 to 255	0

MOZERCDAW File Format

No conversion algorithm is required for this data
Data is time - averaged (one record each 17-18 seconds)

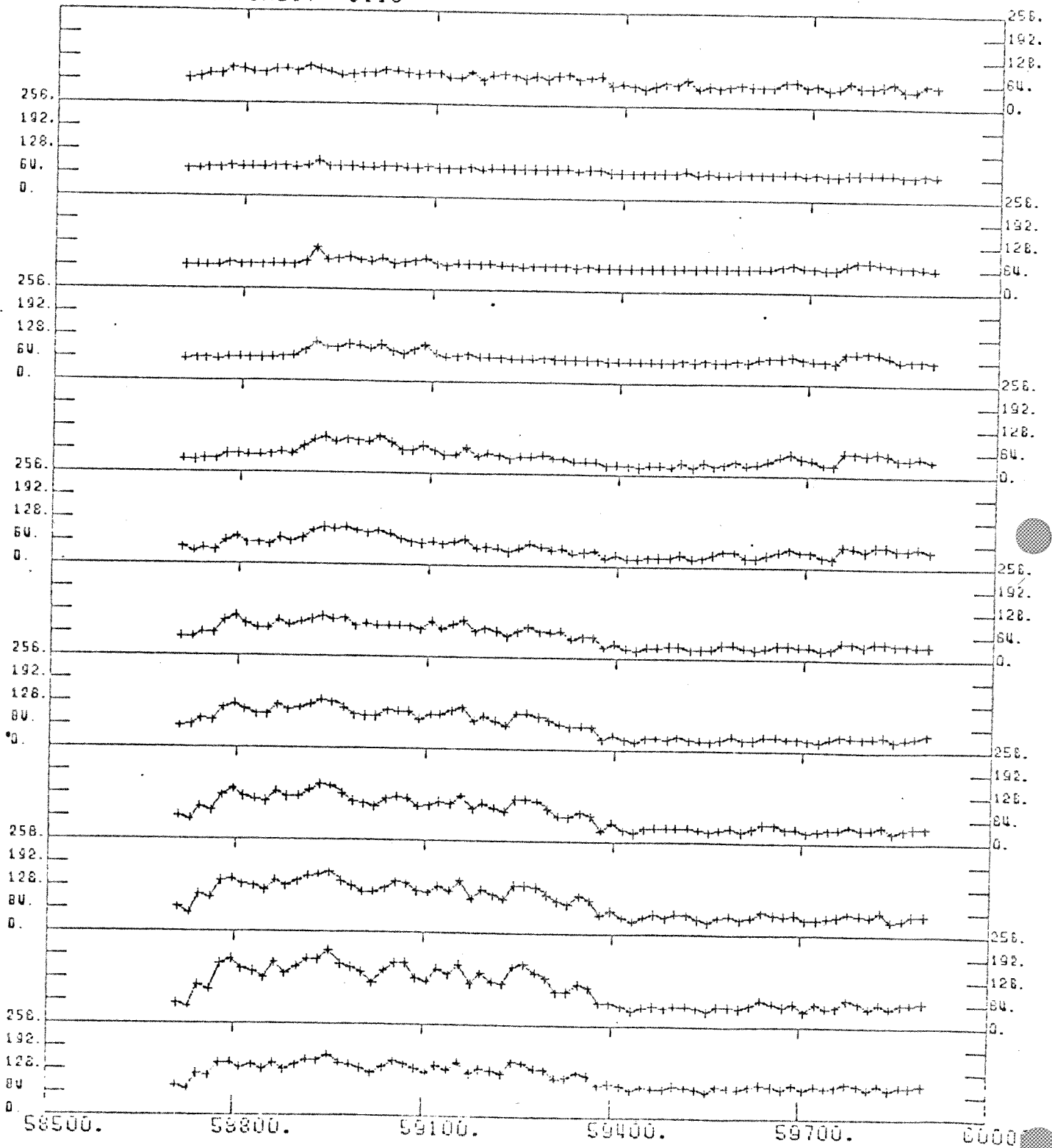
File #	Orbit #	Number of Records	Start Time	Stop Time	Times of Occasional Data Gaps
1	3115	396	56483	63629	62350 to 62892
2	3119	391	19736	26721	25783 to 26286
3	3122	380	44568	51425	50702 to 51095
4	3124	380	65621	72593	71667 to 72026
5	Empty (End of information)				

MOZERCDAW ORBIT# 9115



MOZERCOAW ORBIT# 3115

FILTERS (#1 AT BOTTOM, #12 AT TOP)



DUMP OF TAPE X238

D-33819
53-3
7/28/77-7/29/77

INPUT TAPE X238 ON MS1
DATA INPUT H9 NF 4 FL 1 1 1 SR 4 1 1 SR 4 LAST 1

FILE	RECORD	LENGTH	64BYTES
(0)	00010C2B	07B900D1	44DCA32B 413E431C 44158A2D 443CDA31 422C4557 0276371E 422D6595 02574C33
(40)	00180008	00240033	003E0043 003B0037 00460054 00580069

FILE	RECORD	LENGTH	64BYTES
(0)	018C0C2B	07B900D1	44F880CB 418C5887 433BC378 44E9AE59 421D9BB1 C37D0000 C37D0000 C37D0000
(40)	000E0006	001C001C	00250026 002B0031 004E0056 005C0068

FILE	INPUT RECS.	DATA RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY				INPUT RETRIES	
				PERM	ZERO	B SHORT	UNDEF.	#RECS.	TOTAL#
1	395	396	64	0	0	0	0	0	0

FILE	RECORD	LENGTH	64BYTES
(0)	00010C34	07B900D2	45100550 413EDE20 441778C2 443F63E5 422D0D29 029AA4B8 41DBC410 425F9762
(40)	1B860024	0021002C	0036004C 003F003A 003E004D 0059005C

FILE	RECORD	LENGTH	64BYTES
(0)	017C0C34	07B900D2	4511B90D 418D6BEE 432F5C85 44EB5124 42194A04 C37D0000 C37D0000 C37D0000
(40)	000F0007	002B0048	0043003C 002E0032 005E0063 00640067

FILE	INPUT RECS.	DATA RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY				INPUT RETRIES	
				PERM	ZERO	B SHORT	UNDEF.	#RECS.	TOTAL#
4	380	381	64	0	0	0	0	0	0

E0J DUMP STOPPED AFTER FILE 4 # OF PERMANENT READ ERRORS 0

START TIME 6/20/79 18:50:26 STOP TIME 6/20/79 18:51:09

DUPE AND COMPARE OF X-403 ONTO X-404

INPUT TAPE X-403 ON MS3
 OUTPUT TAPE X-404 ON MS2

DATA INPUT DAC 3
 OPTIONS USED: DUPE AND COMPARE # FILES 3 ERRORS/TAPE 10 DUMP

FILE	INPUT RECS.	DATA RECORDS		MAX. SIZE	READ ERROR SUMMARY				INPUT RETRIES		WRITE ERRORS		OUPUT RETRIES	
		INPUT	OUTPUT		PERM	ZERO B	SHORT	UNDEF.	#RECS.	TOTAL#	PERM	UNDEF.	#RECS.	TOTAL#
1	5670	5670	5670	2400	0	161	0	0	161	164	0	0	17	17
2	45	45	45	2400	0	1	0	0	1	1	0	0	0	0
3	572	572	572	2400	0	12	0	0	12	12	0	0	2	2

DUPE OF X-403 ONTO X-404 COMPLETED, # FILES COPIED 3 # PERMANENT READ ERRORS 0 # OUTPUT TAPES 1

TAPE	FILE	INPUT RECS.	DATA RECORDS		MAX. SIZE	READ ERROR SUMMARY				INPUT RETRIES	
			INPUT	OUTPUT		PERM	ZERO B	SHORT	UNDEF.	#RECS.	TOTAL#
X-403	1	5670	5670	5670	2400	0	280	0	0	280	313
X-404	1	5670	5670	5670	2400	0	30	0	0	30	42
X-403	2	45	45	45	2400	0	1	0	0	1	2
X-404	2	45	45	45	2400	0	0	0	0	0	0
X-403	3	572	572	572	2400	0	14	0	0	14	15
X-404	3	572	572	572	2400	0	0	0	0	0	0

JOB COMPLETED, # FILES COMPARED 3

START TIME 07/10/79 17:52:08 STOP TIME 07/10/79 18:03:41

BOUNDARY ENCOUNTERS DATA ON TAPE

76-065B-02A SPMS-00386

THIS DATA SET HAS BEEN RESTORED. ORIGINALLY IT CONTAINED ONE 9-TRACK, 1600 BPI TAPE 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 TAPE WAS CREATED ON AN UNIVAC 1100 COMPUTER AND WAS RESTORED ON THE MRS. THE DR AND DS NUMBER ALONG WITH THE CORRESPONDING D NUMBER AND TIME SPAN IS AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR005621	DS005621	D034008	2	07/28/77 - 07/29/77

REQ. AGENT

VJP

RAND NO

RD2470

ACQ. AGENT

MJT

S3-3

BOUNDARY ENCOUNTERS DATA

76-065B-02A

This data set catalog consists of 1 data tape. The tape is 9 track, ASCII, 1600 BPI with 2 files of data. The tape was created on an UNIVAC 1100 computer.

Time span is as follows:

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-34008	C-20628	07/28/77 - 07/29/77



CDAW TAPE DOCUMENTATION FORM

SECTION I. DATA SET DESCRIPTION (please print)

1. Data Set Name S3-3 (LOCKHEED)		
2. Scientific Contact R. G. JOHNSON	3. Telephone No. or Telex No. (415) 493-4411, ext. 45007	
4. Address LOCKHEED PALO ALTO RESEARCH LAB, 3251 HANOVER ST.		
5. City PALO ALTO	6. State CALIFORNIA	7. ZIP Code or Country 94304
8. Programmer Contact L.L. NEWKIRK, ABOVE ADDRESS, ext. 45520		

SECTION II. TAPE DESCRIPTION

1. No. of Tapes Submitted 1	2. Tape Density <input type="checkbox"/> 800 bpi <input checked="" type="checkbox"/> 1600 bpi (0250) bpi		
3. No. of Files (per tape) 2			
4. No. of End of File Marks 2	5. No. of Tracks <input type="checkbox"/> 7 <input checked="" type="checkbox"/> 9		
6. Recording Parity ODD	7. Make and Model of Computer Used to Generate Tape UNIVAC 1110		
8. Are tapes written in binary, coded or both? (e.g. BCD) FIELDATA			
9. What floating point representation is used? (e.g. CDC 64 bit)			
10. What integer representation is used?			
11. No. of Physical Records (per file) CARD IMAGES File 1: 31 CARD IMAGES File 2: 123 CARD IMAGES			
12. Are original tapes to be returned? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
13. Start and Stop Time of Each File (If more space is needed, please attach.)			
	START		STOP
FILE	DAY	UT (hr:min)	DAY UT (hr:min)
1	209	16:19	211 01:05
2	210	03:45	210 21:50

SECTION III. LOGICAL AND PHYSICAL RECORD FORMAT (please attach)

SECTION IV. TO BE FILLED IN BY IMS/SSC ONLY

CDAW No.

Date Received July 3 1979	Tape No.
Programmer ID	CON No.
Data Base	Date Loaded

MODULE	ORGN.	BLDG.	PAGE OF	PROGRAMMER	ORGN.	EXT.	JOB NO.	REQUEST DATE	DISPATCH NO.	PROGRAM/DESCRIPTION	OPER. CON. TRG. NO.	DATE NEEDED	PRIORITY

DESCRIPTION OF FILE #2 (PLASMA DATA) CARD IMAGE 123 CARDS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

JREV JUT FLAT EL DNI DEI EBI DN16 DE16 EB16

I4 I4 F4.1 F4.2 F6.2 F6.2 F6.2 F6.2 F6.2 F6.2

JREV REVOLUTION NUMBER
 JUT UNIVERSAL TIME - hours minutes
 FLAT INVARIANT LATITUDE - degrees
 EL L-SHELL PARAMETER
 DN NUMBER DENSITY - cm^{-3}
 DE ENERGY DENSITY - keV/cm^3
 EB MEAN ENERGY - keV

SUBSCRIPT 1 ~ H^+
 SUBSCRIPT 16 ~ O^+

DUMP OF TAPE X-408

S3-3
76-065B-02A
7/28/77 - 7/29/77
D-34008

INPUT TAPE X-408 ON MS4
DATA INPUT H9 NF 2 FL 2 1 1

FILE	RECORD	LENGTH	80BYTES
(0)	20323039	20333131	35203136
(40)	38203136	32362020	322E3330

FILE	RECORD	LENGTH	80BYTES
(0)	20323131	20333133	34203031
(40)	30203030	35372031	362E3239

FILE	INPUT RECS.	DATA INPUT	RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY	INPUT RETRIES
1	31	32	80	0	0	0

FILE	RECORD	LENGTH	80BYTES
(0)	20333131	39203033	34352035
(40)	3020332E	30352031	20312E33

FILE	RECORD	LENGTH	80BYTES
(0)	20333132	35203231	35302036
(40)	3020322E	31352031	20342E33

FILE	INPUT RECS.	DATA INPUT	RECORDS INPUT	MAX. SIZE	READ ERROR SUMMARY	INPUT RETRIES
2	123	124	80	0	0	0

EOJ DUMP STOPPED AFTER FILE 2 # OF PERMANENT READ ERRORS 0

START TIME 07/10/79 18:25:23 STOP TIME 07/10/79 18:25:49

ELECTRON + ELECTRON (MAG SPECT)

76-065B-07A SPMS-00373

This data set has been restored. There was originally one 9-track, 1600 BPI tape 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 tape was created on an IBM 360 computer and the restored tape was created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D number are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005739	DS005739	D035130	1	07/28/77 - 07/30/77

REQ. AGENT

VPL

RAND NO.

RD3029

ACQ. AGENT

DMS

S3-3

ENERGETIC ELECTRON MASS SPECTROMETER

76-065B-07A

This data set catalog consists of 1 data tape. The tape is 9 track, 1600 BPI, binary with 1 file of data.

Time span is as follows:

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-35130	C-20711	07/28/77 - 07/30/77

D-35130
S-3-3
7/25/77-7/30/77
76-085B-07A

INPUT TAPE X-217 ON W51
DATA INPUT H9 NF 1 FL 1 1 1

FILE RECORD LENGTH 3120 BYTES

()	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000	00000000
(40)	078000B6	01021622	0101020E	00000000	20200380	0B910670	85803A5A	03CF0140	00E000AD	008F1F80	
(80)	0A0F07F4	078905F7	03600001	078000B6	01021624	0101020E	00000000	10300440	0AA0052B	6F102F26	
(120)	036A1125	00BA00A9	00801228	04300441	040102F5	02A80001	078000B6	01021625	0101020E	00000000	
(160)	103E023E	079A0342	19E818AA	02000004	00B50088	0C690571	01550140	01260006	01F90001	078000B7	
(200)	01021627	0101020E	00000000	1EA00008	06BB011A	82040900	0002006E	00750079	006100EC	00480049	
(240)	0034001A	01380001	078000B7	01021629	0101020E	00000000	24630030	05680024	17090148	0052002E	
(280)	0048004A	00400048	0010001B	0017000E	00030001	078000B7	0102162B	0101020E	00000000	1FB7006F	
(320)	032F0050	2051024A	00660039	005B0053	0038009F	00380034	00200015	00F70001	078000B7	0102162D	
(360)	0101020E	00000000	24080159	047A01E0	8A6000C6	01060080	007B0065	0058045B	0163015A	0134000D	
(400)	01990001	078000B8	0102162E	0101020E	00000000	100B002E1	066303F5	40B01FFD	023400D9	00900068	
(440)	01611050	04F804D9	04790334	02550001	078000B8	01021630	0101020E	00000000	148A04D4	07041503	
(480)	00693236	031A0124	00B0008E	00871FAC	0964093F	08750680	03170001	078000B8	01021632	0101020D	
(520)	00000001	140904F9	07E805CF	07F9036B4	0368015F	00E1008E	007610F4	086C083F	079005FB	03000001	
(560)	078000B8	01031634	0101020D	00000000	1519036B	0677047C	57002744	0290015B	00900079	00730089	
(600)	040703EF	03BA0208	04900001	078000B9	01031635	0101020D	00000003	1225018E	04800267	EC841440	
(640)	0160008E	006F004F	00410334	010600FE	00E00095	05580001	078000B9	01031637	0101020D	00000004	
(680)	14080092	02BD0086	51B40566	00850033	00460042	0025005D	001F001E	0017000B	06010001	078000B9	
(720)	01031639	0101020D	00000000	13640037	02B77025	171000F6	00380024	0030002C	0022004C	0020001F	
(760)	001A000E	06480001	078000B9	0103163B	0101020D	00000006	15700093	0370008B	50B8047C	007A0044	
(800)	00360028	002F0115	00730089	005B0030	05E00001	078000B9	0103163C	0101020D	00000007	16030101	
(840)	04F40294	EA941281	01500087	006E0058	0044071B	025A024C	02080163	05320001	078000BA	0103163E	
(880)	0101020D	00000000	14030363	071304A9	563024FB	025100F5	0077007C	005B1633	06B006AB	06200497	
(920)	04730001	078000BA	01031640	0101020D	00000009	131B04E9	07920639	7E30331A	03700144	00BA0093	
(960)	0076210C	0A7A0A47	097A072F	03B00001	078000BA	01031642	0101020C	0000000A	120F046C	0707058D	
(1000)	062030A2	03030136	00BA0093	008E1800	07900777	06BB0532	02E00001	078000BA	01031643	0101020C	
(1040)	00000000	130E0282	0506030B	39001FB2	021F00F4	0CA2008A	0071092B	02FC02EE	02A00185	022A0001	
(1080)	078000B8	01041645	0101020C	00000000	116B013D	03F70190	B53000FF	0107008B	0070006D	004E010D	
(1120)	0400AD	00990050	01720001	078000B8	01041647	0101020C	00000000	13A40055	0305004A	2B60029B	
(1160)	0056002F	00490045	003A0067	00250021	0018000E	00000001	078000B8	01041649	0101020C	0000000E	
(1200)	11E00030	06470020	17970111	00420029	00480032	00310047	00150016	000B0005	00010001	078000B8	
(1240)	0104164A	0101020C	00000000	000300E9	06060130	00880809	00A3004A	005E0051	003A0254	000B0008	
(1280)	00B40075	01500001	078000B8	0104164C	0101020C	00000000	0E970234	08BD030F	12901768	01A40090	
(1320)	007A0061	005700E8	04200409	03AF029D	02130001	078000B8	0104164E	0101020C	00000011	130F043A	
(1360)	0A77052E	83102904	02B5010F	008E0070	00651036	08F8080B	0800061A	02030001	078000B8	01041650	
(1400)	0101020C	00000012	147404FA	090F0600	07EC0318E	02E40155	00A10087	006421F0	0AAC0A74	096F0739	
(1440)	03980001	078000B8	01041651	0101020C	00000013	11FF03F3	08560532	66E0295E	02A80105	0184006C	
(1480)	00631370	06380618	05800402	045B0001	078000B8	01041653	0101020B	00000014	1263024B	080402E5	
(1520)	122418A1	01AA009C	00700065	0042058B	01040108	01950108	051E0001	078000B8	01051655	0101020B	
(1560)	00000015	115500E4	0521029	804408D1	00AE004A	00360039	002B000A	004A0047	00370020	05000001	
(1600)	078000B8	01051657	0101020B	00000016	114B003D	04E10023	10E70157	00410035	00310027	001B003A	
(1640)	00100015	00000007	06440001	078000B8	01051658	0101020B	00000017	1274006B	05390048	2014010C	
(1680)	003E0020	002A0025	00100081	00260022	001F0010	08120001	078000B8	0105165A	0101020B	00000018	
(1720)	1040015E	05230101	014000F4	00C4006A	004E003F	002C0442	0192018C	0157000B	05710001	078000B8	
(1760)	0105165C	0101020B	00000019	112E0287	07FC0308	32E0102C	010400B8	0076004E	00401000	05F705DF	
(1800)	054003E9	04B60001	078000B8	0105165E	0101020B	0000001A	0EEF040D	0AA0050D	71502AC8	02BA010C	
(1840)	00A2007E	005E2010	0B120AD8	09E8077A	03F30001	078000B8	0105165F	0101020B	0000001B	14E404FF	
(1880)	0B40059B	79E02E74	03000114	00B8008A	00741EBC	0A2209FA	092F08FF	03300001	078000B8	01051661	
(1920)	0101020B	0000001C	1337034C	099F0450	4E502295	02540101	00990074	0076004E	05300512	04A90362	
(1960)	02600001	078000B8	01051663	0101020B	0000001D	123301AD	07E8027B	E4C41252	013B0085	0062005C	
(2000)	00530397	01470141	0000000A	00AF0001	078000B8	01051665	0101020A	0000001E	12050091	06500095	
(2040)	0E4404F8	007B0031	00530047	00410078	00370033	002E0016	01080001	078000B8	01061666	0101020A	
(2080)	0000001F	122A0035	06350019	12650001	003E0020	003F0032	00200043	0022001F	00170000	00BE0001	
(2120)	078000B8	01061668	0101020A	00000020	14A60089	04E30094	498203F7	00830037	004B0045	0020012A	
(2160)	006A0067	005A0039	01230001	078000C0	0106166A	0100020A	00000021	1055018E	06010261	0E18102E	
(2200)	0151008A	00680067	003F0805	02BD02A5	024C019F	01020001	078000C0	0106166C	0100020A	00000022	
(2240)	008B0136	00870429	4B801FB8	02250008	008A0052	005016A2	0748070B	0699050A	02900001	078000C0	

S3-3

ION-ELECTRON MASS SPECT/SEC DATA

76-065B-08A SPMS-00664

This data set has been restored. There was originally one 9-track, 1600 BPI tape 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 tape was created on an IBM 360 computer and the restored tape was created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D number are as follows:

DR#	DS#	D#	FILES	TIME SPAN
-----	-----	-----	-----	-----
DR005740	DS005740	D035131	1	07/28/77 - 07/30/77

REQ. AGENT
VPL

RAND NO.
RD3029

ACQ. AGENT
DMS

S3-3

ION-ELECTRON MASS SPECTROMETER

76-065B-08A

This data set catalog consists of 1 data tape. The tape is
9 track, 1600 BPI, Binary with 1 file of data.

Time span is as follows:

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-35131	C-20712	7/28/77 - 7/30/77

INPUT TAPE X-4.4 ON MSZ
DATA INPUT HY FL 1 1 1

D-55131
S3-3
76-065B-08A
7/28/77 - 7/30/77

FILE	RECORD	LENGTH	3300BYTES
(0)	00000C76	00870091	0032008D 007E009F 00940098 0C10001F 0016001F 00230013 00150026 036C03D5
(4)	03E01476	041E0437	044E031A 00D10797 009701B4 153801C4 021E0000 0C77007C 008C0096 00780075
(8)	00700763	005E0024	00170015 00100017 0015001C 001A0480 049804B0 04C804E0 04F7050F 046E00D1
(120)	07970097	01B4153A	01C4021E 00000C7A 004A0054 00620052 0056005A 0067004E 001B0018 0018001D
(160)	00180015	00190020	06460645 0641063A 06300624 06150644 00D10797 009801B5 153F01C4 021E0000
(200)	0C7B015A	00700157	00530067 006F0054 0074001D 00260017 00150022 00290022 0016005F 05E305CE
(240)	056B05A6	0590057A	060300D1 07970098 01B51541 01C4021E 00000C7C 00660065 005E0063 0064006D
(280)	006B0054	00180018	0016001B 0019002E 00220024 05400536 051F0507 04F00408 04C0055E 00D10797
(320)	009901B5	154301C4	021E0000 0C7D0072 0070008F 0084007C 006E006A 0080001F 0020001D 001E0020
(360)	0024001F	00240490	04780460 0448042F 041703FE 04A300D1 07970099 01B51545 01C4021D 00100C7E
(400)	0073008A	009B008B	00840097 0084007A 00150017 0022001D 00170018 001D001A 03CE03B6 039D0384
(440)	03600353	033B03E0	00D10797 009901B5 154701C4 021D0000 0C7F0070 0075006D 00690065 006C005B
(480)	007E001A	001D0015	0021001D 001B0019 0023007A 02F202DA 02C102A9 02910278 031D00D1 07970099
(520)	01B51549	01C4021D	00000C80 00570050 0052004E 00580046 00580056 00130019 00150016 0000001A
(560)	0015001A	02490232	021A0202 01EB01D3 01BC025B 0C010797 009A01B5 154B01C4 021D0000 0C810048
(600)	003C003D	00530040	00350040 004E000E 0012000E 00100011 000E0014 001C018F 01790163 014E013A
(640)	01260113	01A001D1	0796009A 01B5154C 01C4021D 0C030C82 0046002E 00310032 00310036 0036003C
(680)	000E000C	00070012	00130016 000E000C 00F200E4 0C0700CD 00C600C2 00C100FE 00D10796 009A01B6
(720)	154E01C4	021D0000	0C830040 00340043 003A0027 00310040 00420013 0010000A 00160011 00050013
(760)	000E00C9	00D200D0	00E000FA 01B0011D 00C500D1 0796009A 01B61550 01C4021D 00000C84 00350042
(800)	0041003B	00410053	003E003E 0017000C 00100019 00152ED0 0012000C 01440159 016E0184 019B01B1
(840)	01C80135	00D10796	009A01B6 155201C4 021C0000 0C850053 00420040 0052004E 00600051 004C0015
(880)	0015000A	00180017	00180019 001601F5 02D00225 02300255 026D0285 01E400D1 0796009B 01B61554
(920)	01C4021C	00000C86	00510060 005D0076 007E006C 00730058 00100019 001A001F 001D0018 00250024
(960)	02B502CE	02E602FF	03170330 034802A3 00D10796 0C9B01B6 155601C4 021C0000 0C87007E 00730077
(1000)	0076007D	00770088	005E001C 00180022 00170019 0013001E 00220379 039103AA 03C203DB 03F3040C
(1040)	03660001	0796009B	01B61558 01C4021C 00000C88 0C80006D 007D0084 0070007E 00750072 001C001A
(1080)	01E001D	00250015	00210018 043C0454 046D0485 049D04B5 04CD042A 00D10796 009B01B6 155901C4
(1120)	021C0000	0C89005D	00620041 005D0060 00680057 0074001B 00180010 00130012 00180017 001404FC
(1160)	0513052B	05420559	056F0586 04EA00D1 0796009C 01B6155B 01C4021C 00000C8A 0053004F 0059004C
(1200)	01680065	00560054	00140012 0017001D 00140013 00140018 05B005C5 05D905EC 05FE060F 061E05A0
(1240)	00D10796	009C01B6	155001C4 021C0000 0C8B0054 0C3F0044 004F0049 005B0069 0056001A 00180013
(1280)	00100020	001B0016	00220636 063F0644 06460645 064C0639 062E00D1 0796009C 01B6155F 01C4021C
(1320)	00000C8C	00620051	00490068 004A0056 00540052 00190019 001A0017 00170017 00170010 06220613
(1360)	063305F1	05DF05CB	05B6062C 00D10796 009C01B7 156101C4 021B0000 0C8D005F 004A0067 00620065
(1400)	00620069	006C0012	001F001D 000E0017 00190019 0C20058C 0576055F 05480531 051A0502 059C00D1
(1440)	0796009D	01B71563	01C4021B 00000C8E 005C0073 006E006A 00710071 007C0058 001A001B 001B0016
(1480)	001C0010	001E0018	040404BC 04A4048B 0473045B 044304E5 00D10796 009D01B7 156401C4 021B0000
(1520)	0C3F007B	00700075	00630080 00700070 0080001F 0C1A001A 0027001C 00260017 00140413 03F003E2
(1560)	03CA03B1	03980380	042500D1 0795009D 01B71566 01C4021B 00000C90 00720082 006C0066 00750074
(1600)	00640078	001C001B	001F0023 001C0014 00130026 034F0336 031E0305 02ED02D4 02B00361 00D10795
(1640)	029001B7	156801C4	021B0000 0C910057 005D004E 00540054 0054004C 00620013 00100019 001A000F
(1680)	0019000D	000E028C	0274025C 0244022C 021401FC 029E00D1 0795009E 01B7156A 01C4021B 00000C92
(1720)	0420053	0055002C	00300043 00300044 000F0012 0C16000F 000F0014 00110010 01CE01B7 01A1018A
(1760)	0174015F	014A01E0	00D10795 009E01B7 156C01C4 021B0000 0C930049 0030003F 003A0034 002B002D
(1800)	0046000A	0009000E	00150016 000F001B 000A0122 011100FE 00EF00E0 00D500CB 013100D1 0795009E
(1840)	01B7156E	01C4021A	00000C94 002B0030 002F002F 0C320035 002C0036 0011000D 00070006 0000000F
(1880)	00000116	00C100C1	00C400CA 00D400DF 00ED00C4 00D10795 009E01B7 156F01C4 021A0000 0C950039
(1920)	03E003A	0035004A	00320035 0036003A 00120014 000B0014 000F0010 0012010E 01210134 0148015D
(1960)	01730129	010100D1	0795009F 01B71571 01C4021A 00000C96 00410037 003B0036 005C004E 00410044
(2000)	00150016	00130015	0013001D 0010000E 01B5010C 01E301FB 0213022A 024201A4 00D10795 009F01B8
(2040)	157301C4	01A001D	0097005C 00560060 00570069 0062005A 00480023 00170018 000E0012 001C0014
(2080)	00120272	028A02A2	02BA02D3 02EB0304 026100D1 0795009F 01B81575 01C4021A 00000C98 006D005C
(2120)	00640074	00740074	007E0042 001C0021 0018001C 0C1A001F 001C0016 0334034D 0365037E 039603AF
(2160)	03070322	00D10795	009F01B8 157701C4 021A0000 0C990072 00630084 006B006A 0083006C 00640019
(2200)	0016001A	0021001A	0018001A 001A03E7 04100428 04410459 04710489 03E500D1 0795009D 01B81579
(2240)	01C4021A	00000C9A	005C0069 00710062 005A0063 0C4C0070 001A001D 001B001A 001D0013 00110014

