

#443

TIP-1

TRIAD MAGNETOMETER DATA

72-069A-01A

SPMS-00136

---

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

TIP 1

TRIAD MAGNETOMETER DATA ON TAPE

72-069A-01A SPMS-00136

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 WERE RESTORED ON AN IBM 9021 COMPUTER. THE DR AND DS NUMBER ALONG WITH THE CORRESPONDING D NUMBERS AND TIME SPANS ARE AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR005966	DS005966	D035038	1	07/26/77 - 08/06/77
			2	07/19/77 - 08/01/77
		D032345	3-4	12/01/77 - 12/12/77

REQ. AGENT

VJP

RAND NO.

RD0978  
RD2817

ACQ. AGENT

MJT

TIP-1

TRIAD MAGNETOMETER DATA

72-069A-01A

This data set catalog consists of 2 data tapes. The tapes are 9 track, 1600 BPI, Binary with 2 files of data. The tapes were created on an IBM 369/91 computer.

Time span is as follows:

<u>D#</u>	<u>C#</u>	<u>TIME SPAN</u>
D-32345	C-20199	12/01/77 - 12/12/77
D-35058	C-20670	07/19/77 - 08/06/77

TIP-1  
TRIAD MAGNETOMETER  
72-069A-01A

FORMAT

<u>WORD</u>	<u>DESCRIPTION</u>
1	YEAR (E.G. 77,78)
2	DAY OF YEAR (1 - 365)
3	RISE HOUR
4	RISE MINUTE
5	UT (SEC)
6	ALT KM
7	LATITUDE (DEG)
	LONGITUDE (DEG)
9	Bx
10	By
11	Bz
12 on	REPEAT OF 5 - 11

U-35088  
7/19/77-8/06/77

INPUT TAPE X-400 ON MS1  
DATA INPUT H9 NF 2 FL 2 1 1

FILE	1	RECORD	1	LENGTH	M	K	R	D	E	360	48	BYTES
( 0)	CE140000	00240000	D4C3D4E4	D9C4D640	00000412	0040000E	0002002B	00000007	0000001A	0000004D		
( 40)	00240000	44265846	827BF6A5	4330F7F8	C241B41A	42A6428F	FFFFFF478	0000091D	00000061	00240000		
( 80)	442658B7	BC1EDA95	4330F868	C241BAE4	42A64207	FFFFFF475	00000912	00000060	00240000	44265928		
( 120)	F5C1BE85	4330F8D9	C241C1AF	42A6417F	FFFFFF47F	00000913	0000005E	00240000	4426599A	2F66A275		
( 160)	4330F94A	C241C87A	42A640F7	FFFFFF47C	0000091F	0000005F	00240000	44265A0B	69078666	4330F9BA		
( 200)	C241CF44	42A6406F	FFFFFF479	00000914	0000005E	00240000	44265A7C	A2AA6A56	4330FA2B	C241D60F		
( 240)	42A63FE7	FFFFFF477	00000914	0000005D	00240000	44265AED	DC4D4E46	4330FA9B	C241DCDA	42A63F5F		
( 280)	FFFFFF474	00000915	0000005D	00240000	44265B5F	15F03236	4330FB0C	C241E3A4	42A63ED7	FFFFFF471		
( 320)	00000915	0000005C	00240000	44265BDC	4F931626	4330FB7C	C241EA6F	42A63E4F	FFFFFF46E	00000916		
( 360)	00000058	00240000	44265C41	8935FA16	4330FBED	C241F13A	42A63DC7	FFFFFF46B	00000917	0000005B		
( 400)	00240000	44265CB2	C2D8DE07	4330FC5D	C241F804	42A63D3F	FFFFFF475	0000090B	0000005A	00240000		
( 440)	44265D23	FC7BC1F7	4330FCCE	C241FECF	42A63CB7	FFFFFF472	00000918	00000059	00240000	44265D99		
( 480)	D1C5ED4A	4330FD43	C24205E0	42A63C29	FFFFFF470	00000918	00000059	00240000	44265E0B	0B68D13A		
( 520)	4330FDB3	C2420CAB	42A63BA1	FFFFFF46D	00000918	00000058	00240000	44265E7C	450BB52B	4330FE23		
( 560)	C2421376	42A63B18	FFFFFF46A	00000919	00000058	00240000	44265EED	7EAE991B	4330FE94	C2421A40		
( 600)	42A63A90	FFFFFF467	00000919	00000057	00240000	44265F5E	B8517D0B	4330FF04	C242210B	42A63A08		
( 640)	FFFFFF471	0000091A	00000057	00240000	44265FCF	F1F460FB	4330FF75	C24227D5	42A6397F	FFFFFF46E		
( 680)	00000927	00000056	00240000	44266041	2B9744EB	4330FFE5	C2422EA0	42A638F7	FFFFFF478	FFFFFF499E		
( 720)	00000056	00240000	442660B2	653A28DB	43310056	C242356A	42A6386E	FFFFFF475	00000934	00000055		
( 760)	00240000	44266194	D87FF0BC	43310137	C2424300	42A6375D	FFFFFF47C	00000929	00000055	00240000		
( 800)	44266206	1222D4AC	433101A7	C24249CA	42A636D5	FFFFFF479	00000929	00000054	00240000	4426627C		
( 840)	6A7E0000	4331021D	C24250E3	42A63646	FFFFFF476	00000966	00000054	00240000	442662ED	A420E3FD		
( 880)	4331028D	C24257AE	42A635BE	FFFFFF480	0000092A	00000054	00240000	4426635E	DDC3C7E0	433102FD		
( 920)	C2425E78	42A63535	FFFFFF47D	0000092B	00000053	00240000	442663D0	1766ABD0	4331036E	C2426543		
( 960)	42A634AC	FFFFFF487	00000937	00000053	00240000	44266441	51098FC0	433103DE	C2426C0D	42A63424		
( 1000)	FFFFFF484	00000938	FFFFFF9F7B	00240000	442664B2	8AAC73B0	4331044E	C24272D8	42A6339B	FFFFFF481		
( 1040)	00000938	00000052	00240000	44266523	C44F57A0	433104BF	C24279A2	42A63312	FFFFFF47E	00000939		
( 1080)	00000052	00240000	44266594	FD23B91	4331052F	C242806C	42A63289	FFFFFF488	00000939	00000052		
( 1120)	00240000	44266606	37951F81	433105A0	C2428737	42A63201	FFFFFF485	0000093A	00000052	00240000		
( 1160)	44266677	71380371	43310610	C2428E01	42A63178	FFFFFF48E	0000093A	00000052	00240000	442666E8		
( 1200)	AADAE761	43310680	C24294CC	42A630EF	FFFFFF48C	0000093B	00000051	00240000	44266759	E47DCB51		
( 1240)	433106F1	C2429B96	42A63066	FFFFFF489	0000093C	00000051	00240000	442667CF	B9C7F6A5	43310766		
( 1280)	C242A2A7	42A62FD7	FFFFFF486	00000930	00000045	00240000	44266840	F36ADA95	433107D6	C242A972		
( 1320)	42A62F4E	FFFFFF484	00000930	00000045	00240000	442668B2	2D0DBE85	43310846	C242B03C	42A62E05		
( 1360)	FFFFFF474	00000931	00000045	00240000	44266923	66B0A275	433108B7	C242B706	42A62E3C	FFFFFF47E		
( 1400)	00000931	00000045	00240000	44266994	A0538666	43310927	C242BDD1	42A62DB3	FFFFFF47B	00000932		
( 1440)	00000045	00240000	44266A05	D9F66A56	43310997	C242C49B	42A62D2A	FFFFFF478	00000932	00000045		
( 1480)	00240000	44266A77	13994E46	43310A08	C242CB65	42A62CA1	FFFFFF482	00000933	00000045	00240000		
( 1520)	44266AE8	4D3C3236	43310A78	C242D230	42A62C18	FFFFFF47F	0000091B	00000045	00240000	44266B59		
( 1560)	86DF1626	43310AE8	C242D8FA	42A62B8E	FFFFFF47C	00000934	00000045	00240000	44266BCA	C081FA16		
( 1600)	43310B58	C242DFC4	42A62B05	FFFFFF486	00000940	00000045	00240000	44266C3B	FA24DE07	43310BC9		
( 1640)	C242E68F	42A62A7C	FFFFFF483	000000F5	00000045	00240000	44266CAD	33C7C1F7	43310C39	C242ED59		
( 1680)	42A629F2	FFFFFF480	00000942	00000045	00240000	44266D23	CDACED4A	43310CAF	C242F476	42A62963		
( 1720)	FFFFFF48A	00000941	00000045	00240000	44266D95	D74FD13A	43310D1F	C242FB40	42A628D9	FFFFFF494		
( 1760)	00000942	00000045	00240000	44266E06	40F2B52B	43310D8F	C243020A	42A62850	FFFFFF49D	00000943		
( 1800)	00000045	00240000	44266E77	7A95991B	43310DFF	C24308D4	42A627C6	FFFFFF49A	00000943	00000045		
( 1840)	00240000	44266EE8	84387D0B	43310E70	C2430F9F	42A6273D	FFFFFF497	00000944	00000046	00240000		
( 1880)	44266F59	EDD860FB	43310EE0	C2431669	42A626B3	FFFFFF4A1	00000944	00000046	00240000	44266FCB		
( 1920)	277E44EB	43310F50	C2431D33	42A6262A	FFFFFF49E	00000951	00000046	00240000	4426703C	612128DB		
( 1960)	43310FC0	C24323FD	42A625AD	FFFFFF4A8	00000951	00000046	00240000	442670AD	9AC400CC	43311030		
( 2000)	C2432AC7	42A62516	FFFFFF4A5	00000952	00000047	00240000	4426711E	D466F0BC	433110A1	C2433192		
( 2040)	42A6248D	FFFFFF4A2	00000952	0000003B	00240000	4426773D	CE42F6A5	433116B1	C2438F88	42A61D17		
( 2080)	FFFFFF479	0000092B	00000034	00240000	442677AF	07E5DA95	43311721	C2439652	42A61C8D	FFFFFF482		
( 2120)	00000938	00000035	00240000	44267820	4188BE85	43311791	C2439D1C	42A61C03	FFFFFF47F	0000092C		
( 2160)	00000035	00240000	44267891	7B2BA275	43311801	C243A3E6	42A61B78	FFFFFF47D	00000939	00000036		
( 2200)	00240000	44267902	B4CE8666	43311871	C243AAB0	42A61AEE	FFFFFF47A	00000939	00000037	00240000		
( 2240)	44267973	EE716A56	433118E1	C243B17A	42A61A63	FFFFFF477	0000096A	00000037	00240000	442679E5		

( 2360)	C243C5D8	42A618C4	FFFFFF494	0000093B	0000002D	00240000	44267B38	D4FCFA16	43311AA1	C243CCA2
( 2400)	42A61839	FFFFFF484	0000093C	0000002E	00240000	44267BAA	0E9FDE57	43311E11	C243D36C	42A617AF
( 2440)	FFFFFF48E	0000093C	0000002E	00240000	44267C1B	4842C1F7	43311B81	C243DA36	42A61724	FFFFFF43B
( 2480)	0000093D	0000002F	00240000	44267C91	5F14ED4A	43311BF6	C243E14A	42A61693	FFFFFF489	0000093D
( 2520)	0000093D	00240000	44267D02	98B7D13A	43311C66	C243E814	42A61609	FFFFFF486	0000093D	00000031
( 2560)	00240000	44267D73	D25AB52B	43311CD6	C243EEDF	42A6157E	FFFFFF483	0000093E	00000025	00240000
( 2600)	44267DE5	0BFD991B	43311D46	C243F5A8	42A614F3	FFFFFF48C	0000093E	00000026	00240000	44267E55
( 2640)	45A07D0B	43311D86	C243FC72	42A61468	FFFFFF489	0000093F	00000027	00240000	44267E07	7F4360FB
( 2680)	43311E26	C244033C	42A6130D	FFFFFF493	0000094B	00000028	00240000	44267F38	B8E644EB	43311E96
( 2720)	C2440A56	42A61353	FFFFFF49C	0000094C	00000029	00240000	44267FA9	F28928DB	43311F06	C24410D0
( 2760)	42A612C8	FFFFFF4A6	0000094D	0000002A	00240000	4426801B	2C2C00CC	43311F76	C2441799	42A6123D
( 2800)	FFFFFF4A3	0000094D	0000002B	00240000	4426808C	65CEFOBC	43311FE6	C2441E63	42A611B1	FFFFFF4A0
( 2840)	0000094D	0000002C	00240000	442680FD	9F71D4AC	43312056	C244252D	42A61126	FFFFFF49D	0000094E
( 2880)	0000002C	00240000	44268173	74BC0000	433120CA	C2442C3E	42A61096	FFFFFF49B	0000094E	00000021
( 2920)	00240000	442681E4	AE5EE3F0	4331213A	C2443307	42A6100A	FFFFFF498	0000094E	00000022	00240000
( 2960)	44268255	E801C7E7	433121AA	C24439D1	42A60FF7	FFFFFF495	00000943	00000023	00240000	442682C7
( 3000)	21A4ABD0	4331221A	C244409B	42A60EF4	FFFFFF492	00000943	00000024	00240000	44268338	5B478FC7
( 3040)	4331228A	C2444765	42A60E69	FFFFFF48F	00000944	00000026	00240000	442683A9	94EA73BC	433122FA
( 3080)	C2444E2E	42A60DDD	FFFFFF48D	FFFFFFE25	0000001B	00240000	4426841A	CE8D57A0	43312369	C24454F8
( 3120)	42A60D52	FFFFFF48A	00000939	0000001C	00240000	4426848C	D8303B91	433123D9	C24459C2	42A60CC6
( 3160)	FFFFFF47B	00000939	0000001D	00240000	442684FD	41D31F81	43312449	C244628C	42A60C3E	FFFFFF478
( 3200)	0000093A	0000001E	00240000	4426856E	7B760371	433124B9	C2446955	42A60BAF	FFFFFF481	0000093A
( 3240)	0000001F	00240000	442685DF	B518E761	43312529	C244701F	42A60B24	FFFFFF47E	0000093B	00000020
( 3280)	00240000	44268650	EEB8CB51	43312599	C24476E9	42A60A98	FFFFFF47B	0000093B	00000015	00240000
( 3320)	442686C7	88A0F6A5	4331260E	C2447E05	42A60A06	FFFFFF485	00000947	00000016	00240000	44268738
( 3360)	C243DA95	4331267E	C24484CF	42A6097A	FFFFFF482	0000093C	00000018	00240000	442687A9	FBE68E85
( 3400)	433126ED	C2448E98	42A608EF	FFFFFF480	00000948	00000019	00240000	4426881B	3589A275	4331275D
( 3440)	C2449262	42A60863	FFFFFF47D	00000931	0000001A	00240000	4426888C	6F2C8666	433127CD	C244992C
( 3480)	42A607D7	FFFFFF486	00000949	0000001B	00240000	442688FD	A8CF6A56	4331283D	C2449FF5	42A6074B
( 3520)	FFFFFF483	0000094A	0000001D	00240000	4426896E	E2724E46	433128AC	C244A6BF	42A606BF	FFFFFF480
( 3560)	0000093E	00000012	00240000	442689E0	1C153236	4331291C	C244AD89	42A60633	FFFFFF48A	00000946
( 3600)	00000013									

FILE	1	RECORD	1241	LENGTH	2776BYTES						
( 0)	0AD60000	00240000	444E2D33	E51457A0	4333233A	C24541A8	4270E270	FFFFFF9F5	00000389	FFFFFF49	
( 40)	00240000	444E2DA5	1EB73B91	433323B2	C2454862	4270E1E3	FFFFFF9FB	00000380	FFFFFF41	00240000	
( 80)	444E2E16	585A1F81	43332429	C2454F1C	4270E156	FFFFFF9F4	00000383	FFFFFF46	00240000	444E2E87	
( 120)	91FD0371	433324A1	C24555D7	4270E0C9	FFFFFF9FA	0000037A	FFFFFF4A	00240000	444E2EF8	0B9FE761	
( 160)	43332518	C2455C91	4270E03B	FFFFFF9FF	000003A2	FFFFFFF42	00240000	444E2F6A	0542CB51	4333258F	
( 200)	C245634B	4270DFAE	FFFFFFA05	00000375	FFFFFFF47	00240000	444E2FE0	9F27F6A5	4333260C	C2456A57	
( 240)	4270DF1A	FFFFFF9FE	00000378	FFFFFFF4B	00240000	444E3051	D8CADA95	43332684	C2457112	4270DE8C	
( 280)	FFFFFFA04	0000037B	FFFFFFF43	00240000	444E30C3	126DBE85	433326FB	C24577CC	4270DDFF	FFFFFFA0A	
( 320)	00000372	FFFFFFF48	00240000	444E3134	4C10A275	43332772	C2457E86	4270DD71	FFFFFFA03	00000375	
( 360)	FFFFFFF4C	00240000	444E31A5	85B38666	433327E9	C2458541	4270DC54	FFFFFFA09	0000036D	FFFFFFF44	
( 400)	00240000	444E3216	BF566A56	43332861	C2458BFB	4270DC56	FFFFFFA0E	00000370	FFFFFFF49	00240000	
( 440)	444E3287	F8F94E46	433328D8	C24592B5	4270DB08	FFFFFFA08	00000373	FFFFFFF4D	00240000	444E32F9	
( 480)	329C3236	4333294F	C245996F	4270DB3B	FFFFFFA0D	0000036B	FFFFFFF45	00240000	444E336A	6C3F1626	
( 520)	433329C6	C245A02A	4270DAAD	FFFFFFA13	0000036E	FFFFFFF4A	00240000	444E33DB	A5E1FA16	43332A3D	
( 560)	C245A6E4	4270DA1F	FFFFFFA19	00000365	FFFFFFF4E	00240000	444E344C	DF84DE07	43332AB4	C245AD9E	
( 600)	4270D991	FFFFFFA12	00000368	FFFFFFF46	00240000	444E34BE	1927C1F7	43332B2B	C245B458	4270D9D3	
( 640)	FFFFFFA18	0000036C	FFFFFFF4B	00240000	444E3533	E571ED4A	43332BA7	C245BB59	4270D86F	FFFFFFA1D	
( 680)	00000363	FFFFFFF4F	00240000	444E35A5	2814D13A	43332C1D	C245C213	4270D7E1	FFFFFFA23	00000366	
( 720)	FFFFFFF48	00240000	444E3616	61B7B52B	43332C94	C245C8CD	4270D753	FFFFFFA1C	0000035D	FFFFFFF4C	
( 760)	00240000	444E3687	9B5A991B	43332D0B	C245CF87	4270D6C5	FFFFFFA22	00000361	FFFFFFF51	00240000	
( 800)	444E36F8	D4FD7D0B	43332D82	C245D641	4270D637	FFFFFFA28	00000364	FFFFFFF49	00240000	444E376A	
( 840)	CEA56DFB	43332DF8	C245DCFB	4270D5A8	FFFFFFA21	0000035B	FFFFFFF4D	00240000	444E37DB	484344EB	
( 880)	43332E6F	C245E3B6	4270D51A	FFFFFFA27	00000353	FFFFFFF46	00240000	444E384C	81E628DB	43332EE6	
( 920)	C245EA7C	4270D48C	FFFFFFA2C	00000356	FFFFFFF4A	00240000	444E38BD	BB89D0CC	43332F5C	C245F12A	
( 960)	4270D3FD	FFFFFFA32	00000359	FFFFFFF4F	00240000	444E392E	F52BF0BC	43332FD3	C245F7E4	4270D36F	
( 1000)	FFFFFFA37	00000351	FFFFFFF47	00240000	444E3FA0	EFC6F6A5	43333638	C24654FC	4270CB85	FFFFFFA34	
( 1040)	00000346	FFFFFFF56	00240000	444E3FBF	28A9DA95	433336AE	C2465BE6	4270CB26	FFFFFFA4D	0000033D	
( 1080)	FFFFFFF4F	00240000	444E4030	624CBE85	43333724	C246626F	4270CA97	FFFFFFA53	00000341	FFFFFFF53	
( 1120)	00240000	444E40A1	9BEFA275	4333379A	C2466929	4270CA07	FFFFFFA58	00000338	FFFFFFF58	00240000	
( 1160)	444E4112	D5928666	4333380F	C2466FE3	4270C978	FFFFFFA5E	0000033B	FFFFFFF5C	00240000	444E4184	

```

( 3520) FFFFF564 0000045D 000002B9 00240000 43710C72 BC13B912 433440A1 42563B78 42197ACC FFFFF55F
( 3560) 00000459 000002B0 00240000 43711386 4A41F814 43344057 4256422A 42197815 FFFFF567 00000460
( 3600) 000002BF

```

```

1 FILE 2 RECORD 1402 LENGTH 148BYTES
( 0) 00940000 00240000 45126DC8 298B84E4 432F71AF 4231E38F C271ACB9 FFFFFA52 FFFFFF4F 00000252
( 40) 00240000 45126DCF 3D25B323 432F7155 4231DCBB C271AD38 FFFFFA4B FFFFFF58 00000260 00240000
( 80) 45126DD6 5DBFE162 432F70FC 4231D5E7 C271ADB7 00005C6D FFFFFF55 0000024B 00240000 45126DDD
( 120) 645A0FA1 432F70A2 4231CF13 C271AE36 FFFFFA49 FFFFFE91 0000024E

```

```

FILE INPUT DATA RECORDS MAX. READ ERROR SUMMARY INPUT RETRIES
RECS. INPUT SIZE PERM ZERO B SHORT UNDEF. #RECS. TOTAL#
2 1402 1403 3604 0 0 0 0 0 0 0

```

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

START TIME 09/12/79 18:30:52 STOP TIME 09/12/79 18:33:34