DATA SET CATALOG #80

INJUN 1 -- EXPERIMENTS 1-6
61-015B 17 tapes

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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

INJUN 1

GM COUNTS, TAPE

61-015B-01B, 02A, 03A, 04A, 05A, 06A

These data sets have been restored. There were originally 17 7-track, 800 BPI tapes, written in BCD. There are four restored tapes, written in EBCDIC. The DR tapes are 3480 cartridges and the DS tapes are 9-track, 6250 BPI. The tapes were created on an IBM 360 computer. The DR and DS numbers along with the corresponding D numbers and time spans are as follows:

DR#	DS#	D#	FILES	TIME SPAN
DR002998	DS002998	D005036	1	06/30/61 - 07/21/61
		D005037	2	07/21/61 - 08/12/61
		D005038	3	08/12/61 - 08/30/61
		D005039	4	08/30/61 - 09/28/61
		D005040	5	09/28/61 - 10/31/61
DR002999	DS002999	D005041	1	10/31/61 - 12/04/61
		D005050	2	04/27/62 - 06/16/62
DR003000	DS003000	D005046	1	03/09/62 - 03/20/62
		D005047	2	03/20/62 - 03/30/62
		D005048	3	03/30/62 - 04/11/62
		D005049	4	04/11/62 - 04/27/62
DR003001	DS003001	D005051	1	06/16/62 - 08/12/62 (a)
		D005052	2	08/12/62 - 08/31/62
		D005044	3	02/12/62 - 02/14/62
		D005045	4	02/14/62 - 03/09/62

D005042 and D005043 were bad tapes.

(a) D005051 - one error on record 381.

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61-0158

This data set consists of 17 merged INJUN 1 tapes. These tapes are 1 file, 800 BPI, 7-track, BCD. Each contains experiments 1 through 6.

Included in this catalog are partial listings of the tapes and the output from the Time Sequence Analysis and Non-Sequential Record Count Program which was run on these tapes. This program gives the start and stop times for each experiment on the tapes. It also lists and gives the total number of records which are out of sequence on each tape.

TAPE NO.	START	STOP
D-05036 (C-03249)	06/30/61	07/21/61
D-05037 (C-03250)	07/21/61	08/12/61
D-05038 (C-03251)	08/12/61	08/30/61
D-05039 (C-03252)	08/30/61	09/28/61
D-05040 (C-03253)	09/28/61	10/31/61
D-05041 (C-03254)	10/31/61	12/04/61
D-05042 (C-03255)	12/04/61	01/08/62
D-05043 (C-03256)	01/08/62	01/26/62
D-05044 (C-03257)	01/26/62	02/14/62
D-05045 (C-03258)	02/14/62	03/09/62
D-05046 (C-03259)	03/09/62	03/20/62
D-05047 (C-03260)	03/20/62	03/30/62
D-05048 (C-03261)	03/30/62	04/11/62
D-05049 (C-03262)	04/11/62	04/27/62
D-05050 (C-03263)	04/27/62	06/16/62
D-05051 (C-03264)	06/16/62	08/12/62
D-05052 (C-03265)	08/12/62	08/31/62

& 6/21/73 - These 17 'D' numbers (tapes) have been sent to the National Archives. Just the 'C' tapes remain here.

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INJUN 5.
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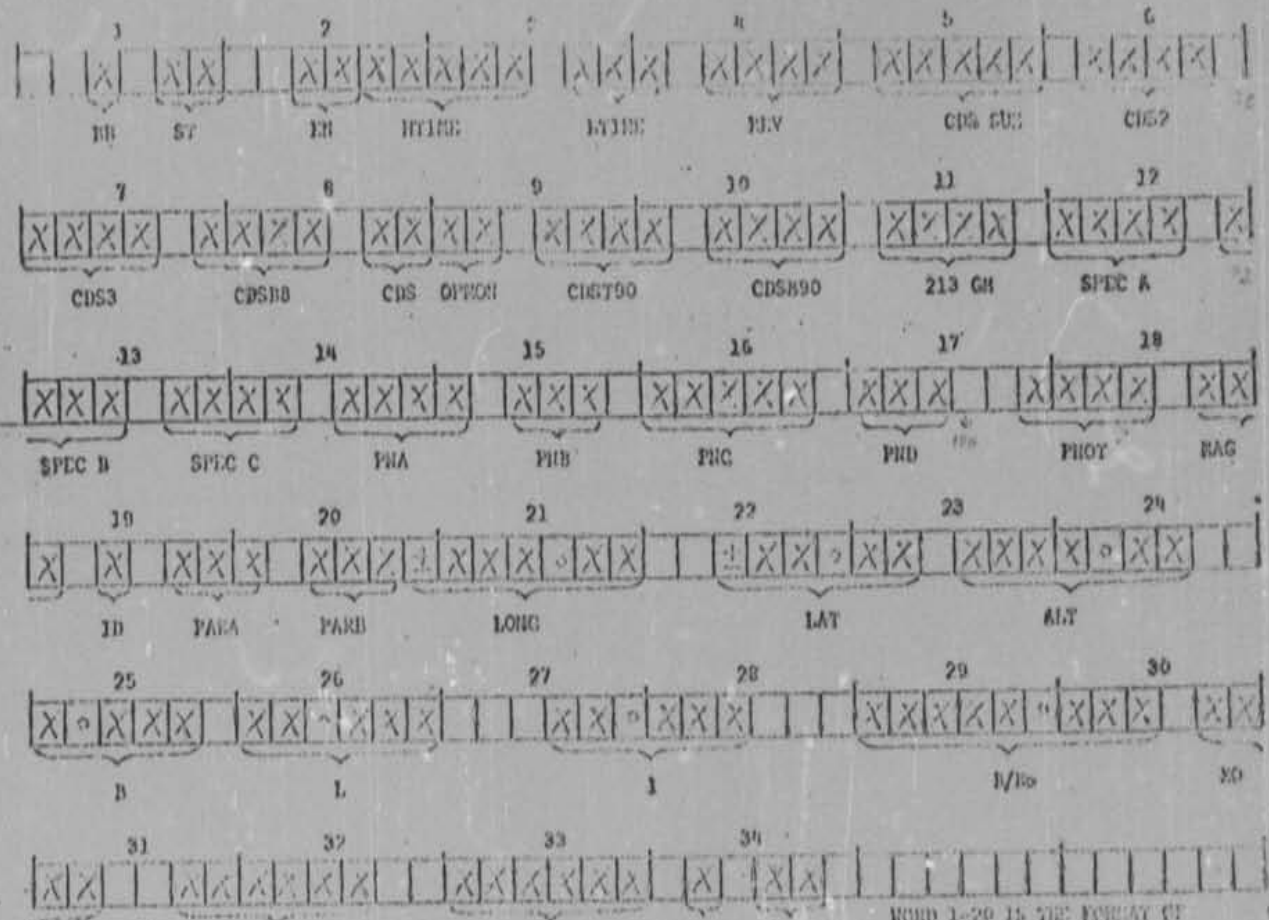

INJUN 5
61-015B
FORMAT

FIELD NAME	DESCRIPTION	ORIENTATION[1]	UNITS[2]
	BAD BIT INDICATOR		
ST	STATION NUMBER		
EX	EPOCH NUMBER		
HTIME	HIGH ORDER CLOCK		
LTIME	LOW ORDER CLOCK		
REV	REVOLUTION NUMBER		
CDSSUM	CDS TOTAL ENERGY A	θ=180°	CTS/ACC PERIOD (16/64 SEC)
CDS2	CADMIUM SULFIDE B	θ=180°	CTS/ACC PERIOD (16/64 SEC)
CDS3	" " C	θ=180°	CTS/ACC PERIOD (12/64 SEC)
CDS36	CDS MAGNETIC BROOM	θ=180°	CTS/ACC PERIOD (5/64 SEC)
CDS OMON	CDS OPTICAL MONITOR	θ=90°	CTS/ACC PERIOD (61/64 SEC)
CDS90	CDS TOTAL ENERGY	θ=90°	CTS/ACC PERIOD (61/64 SEC)
CDS390	CDS MAGNETIC BROOM	θ=90°	CTS/ACC PERIOD (61/64 SEC)
213 GM	213 GEIGER TUBE[4]	θ=90°	CTS/ACC PERIOD (61/64 SEC)
SPEC A	MAGNETIC SPECTROMETER A[3]	θ=90°	CTS/ACC PERIOD (61/64 SEC)
SPEC B	MAGNETIC SPECTROMETER B[3]	θ=90°	CTS/ACC PERIOD (61/64 SEC)

[1]THE ORIENTATION ANGLE IS SUCH THAT θ=0° LOOKS DOWN ALONG THE MAGNETIC-FIELD LINE IN THE NORTHERN ATMOSPHERE.

[2]THE ACCUMULATION INTERVAL FOR EACH DETECTOR IS IN PARENTHESES.

[3]THIS DETECTOR IS PRESCALED BY 2^2.

[4]THIS DETECTOR IS PRESCALED BY 2^3.

FIELD NAME	DESCRIPTION	ORIENTATION[1]	UNITS[2]
[illegible] C	MAGNETIC SPECTROMETER C	θ=90°	CTS/ACC PERIOD (61/64 SEC)
PNA	SOLID STATE A	θ=180°	CTS/ACC PERIOD (61/64 SEC)
PNB	SOLID STATE B	θ=180°	CTS/ACC PERIOD (62/64 SEC)
PNC	SOLID STATE C	θ=90°	CTS/ACC PERIOD (60/64 SEC)
PND	SOLID STATE D	θ=90°	CTS/ACC PERIOD (62/64 SEC)
PNDT	PADDLE METER	θ=0°	CTS/ACC PERIOD (61/64 SEC)
MAG	MAGNETOMETER A		CTS/ACC PERIOD
ID	IDENTIFIER FOR PARA AND PARB		
PARA PARB	SEE APPENDIX I		
L[illegible]	LONGITUDE		DEGREES
LAT	LATITUDE		"
ALT	ALTITUDE		KILOMETERS
B	FIELD STRENGTH		GAUSS
L	McILWAIN L PARAMETER		EARTH RADII
I	McILWAIN I PARAMETER		
E/Eo	RATIO		

[1]THE ORIENTATION ANGLE IS SUCH THAT θ=0° LOOKS DOWN ALONG THE MAGNETIC-FIELD LINE IN THE NORTHERN HEMISPHERE.

[2]THE ACCUMULATION INTERVAL FOR EACH DETECTOR IS IN PARENTHESES.

[3]THIS DETECTOR IS PRESCALED BY 2^2.

[4]THIS DETECTOR IS PRESCALED BY 2^3.