DATA SET CATALOG #80

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

INJUN 1
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.

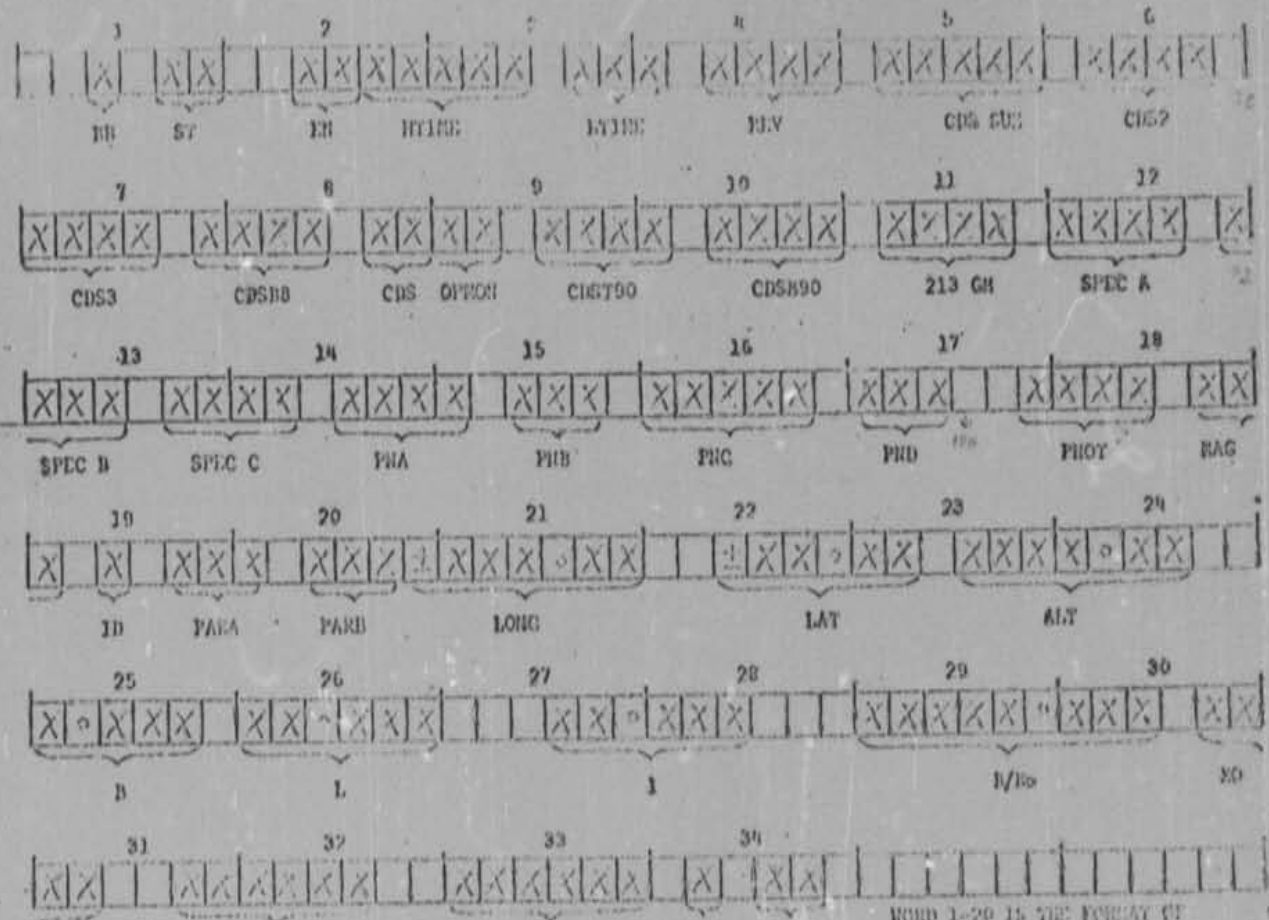
Included in this catalog are partial listings of the tapes and the output from the Time Sequence Analysis and Non-Sequential Record Count Program which was run on these tapes. This program gives the start and stop times for each experiment on the tapes. It also lists and gives the total number of records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

INJUN 1
61-0158

INJUN 5.
61-015B



INJUN 5
61-015B

FIELD NAME	DESCRIPTION	ORIENTATION[1]	UNITS[2]
	BAD BIT INDICATOR		
ST	STATION NUMBER		
EN	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]
[redacted] 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[redacted]	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.