DATA SET CATALOG # 101

EXPLORER 35
ION CHAMBER- GEIGER COUNTER

67-070A-02A

8 tapes

April 6, 1971

67-070A-02A
Explorer 35
ION CHAMBER - GEIGER COUNTER

This data set consists of 8 BCD, 800 BPI, 7-track tapes. These tapes are multi-filed with the last file of each tape consisting of just an end-of-file mark.

The format for this data set is identical to the one for the EXPLORER 33 ION CHAMBER - GEIGER COUNTER Data Set.

The time spans for the tapes are as follows:

D#	C#	FILES	TIME SPAN
D-05922	C-04822	454	07/[illegible]/67 - 08/30/67
D-05921	C-04835	443	08/31/67 - 10/04/67
D-05920	C-04836	434	10/05/67 - 11/15/67
D-05919	C-04837	429	11/16/67 - 01/10/68
D-05918	C-04838	408	01/11/68 - 02/28/68
D-05917	C-04839	409	02/29/68 - 04/17/68
D-05916	C-04840	432	04/18/68 - 06/05/68
D-05915	C-04841	398	06/06/68 - 07/24/68

II. EXPLORER-33 UNIVERSITY OF CALIFORNIA EXPERIMENT DATA TAPES

All the useful data from the Explorer-33 University of California experiment is contained on seven 2400 foot magnetic tape reels. The data covers the period from day 181, 1966 to day 160, 1967. These tapes were generated by merging 49 reels received from Goddard Space Flight Center (GSFC) onto the seven longer reels in chronological order. Each long tape contains data from seven shorter reels. The tapes were generated on an IBM 360/40 system and contain BCD characters on a 7-track tape in even parity at 800 characters/inch density.

The first file of each stacked tape is a one record file which serves as an index to that tape. The physical record is 865 characters in length and consists of 72 twelve-character index entries. There is one index entry for each of the GSFC short reels stacked onto the larger tape. The entries are in the following format:

Characters	
1-6	GSFC reel number
7-9	Total number of files on the GSFC reel
10-12	Blank

Each stacked tape contains seven entries. The remaining entries are blank. Following the index file is the stacked experiment data copied from the GSFC reels. The data is in the same file by file format as it appeared on the original tapes except that a 12-character field has been prefixed to each record to identify it to University of California programs using these tapes. The individual records are 865 characters (including prefix field) and are formatted as follows: