

DATA SET CATALOG #77

ALOUETTE I - - GM Counters 'A'  
G2-049A-02A 2 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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

SPMS 00509

ALOUETTE 1

E GT 40-1, PGT 500KEV 105AV, TAPES

62-049A-02A

THIS DATA SET HAS BEEN RESTORED. THERE WERE ORIGINALLY TWO D AND TWO C TAPES, ALL 9-TRACK, 800 BPI, WRITTEN IN EBCDIC FORMAT. THE ONE RESTORED TAPE WAS CREATED FROM THE C TAPES, AND WRITTEN IN ASCII. 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#	DD#	FILES	TIME SPAN
DR006215	DS006215	D000281	1	09/29/62 - 03/26/64
		D000282	2	10/17/62 - 01/17/64

FULL DATASET LISTING OF 62-049A-02A

ALOUETTE 1 E GT 40-,P GT 500KEV 10S AV,TAPE

SYSTEM: 360  
 SYSTEM: 360  
 SYSTEM: 360/7

MODE: BCD  
 MODE: EBC  
 MODE: EBC

MEDIA #	COPY #	RECEIVED	DENS	TR	FILES	LOCATION	TIME SPAN
DD 000281	DC 000082	04/14/70	800	9	1	061C11	09/29/62 - 03/26/64
DC 000082	DD 000281	04/14/70	800	9	1	002C26	09/29/62 - 03/26/64
DC 000083		04/14/70	800	9	1	002C25	10/17/62 - 01/17/64

62-049A-02A  
ALOUETTE I  
GM Counters 'A'

Created C tape from the following D tapes. 800 BPI, EBCDIC,  
9-track, 1 file

<u>D#</u>	<u>C#</u>	<u>START</u>	<u>STOP</u>
D-00281	C-00082	09/29/62	03/26/64
D-00282	C-00083	10/17/62	01/17/64

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ALOUETTE I DATA TAPES\*

1. TAPES are unlabelled, 9-track with recording density of 500 h.p.i., generated on an IBM 40/50 computer
2. RECORDS are unblocked with a maximum length of 6500 characters, the characters being written in EBCDIC code. Each record contains the data for one complete pass.
3. RECORD FORMAT. The 6500 characters in each record consist of:

- (a) 20 characters used for pass identification.
- (b) 90 sets of 72 characters, each set containing the data for one 10-second interval. The 10-second intervals are arranged in chronological order and only those intervals for which there are data are included. Where the number of 10-second intervals is less than 90, the remaining 72-character sets are filled with zeros.

The last record on the tape is followed by a record which consists entirely of blanks except for characters 2 to 5 which are 9's, and then by an end-of-file mark.

4. IDENTIFICATION. Characters 1-20 of each record.  
Character 1 - Station identification as follows:

- 1 Resolute
- 2 Prince Albert
- 3 Ottawa
- 4 St. John's
- 5 College
- 6 Fort Myers
- 7 Quito
- 8 Antofagasta
- 9 Woomera
- 0 South Atlantic
- J Winkfield
- K Grand Forks