

844

Ariel 5

2A Cat of Hi Gal Lat X-Ray Source

74-077A-02C

ASXR-00029



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 This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system.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

Ariel 5

2A CAT OF HI GAL LAT X-RAY SOURCES

74-077A-02C ASXR-00029

This dataset was never archived to tape. In 2004 an ASCII version was downloaded from the Astronomical Data Center (ADC) archives. The data set has been processed to one CD-Write Once containing three files; file 1 contains the 2A Catalogue of High Galactic Latitude X-ray Sources, file 2 contains the data set documentation, and file 3 contains the source reference, brief description of catalog, and file summary.

<u>KD#</u>	<u>KW#</u>	<u>VOLUME</u>	
KD021307	KW000171	2A_cat	File 1 2a.dat File 2 xray2a.doc File 3 readme.txt

DOCUMENTATION FOR THE MACHINE-READABLE VERSION
OF THE SECOND ARIEL CATALOGUE

July 1979

Contract NAS 5-25369

Theresa A. Nagy

Prepared for:

National Aeronautics and Space Administration
Goddard Space Flight Center
Greenbelt, Maryland 20771

Prepared by:

Systems and Applied Sciences Corporation
6811 Kenilworth Avenue
Riverdale, Maryland 20840

SECTION 1 - INTRODUCTION

In recent years there has been a trend away from publishing catalogues in book form to preparing catalogues by computer and distributing them on magnetic tape, with appearance in book form a secondary occurrence. This memo is the result of the development of the documentation for the machine-readable version of the catalogue and includes the basic information given in the original preface of the published catalogue. This memo should be distributed along with any copy of the machine-readable version of the catalogue.

SECTION 2 - FILE CONTENTS

A byte-by-byte description of the contents of the catalogue is given in Table 2-1. The information in the "Description" column is derived mainly from the published version of the catalogue whenever possible. The "Suggested Format" column is for FORTRAN-formatted reads.

Table 2-1. File Contents: SECOND ARIEL CATALOGUE

Bytes	Description	Suggested Format
1-12	Name of celestial source	12A1
13-22	Right Ascension (1950.0) (unit = degrees)	F10.4
23-32	Declination (1950.0) (unit = degrees)	F10.4
33-40	X-ray intensity (where applicable in units of given detector)	8A1
41-80	Comments	40A1

SECTION 3 - FILE CHARACTERISTICS

The information contained in this section is sufficient for the user to read the machine-readable version of the catalogue. The statistics of the contents of the entire file are given in Table 3-1.

Table 3-1. File Characteristics: SECOND ARIEL CATALOGUE

CATALOGUE	2A
NUMBER OF FILES	1
LOGICAL RECORD LENGTH (BYTES)	80
RECORD FORMAT (IBM OS/JCL)	Fixed
TOTAL NUMBER OF LOGICAL RECORDS	107

SECTION 4 - REMARKS AND MODIFICATIONS

The Second Ariel Catalogue (B. A. Cooke, M. J. Ricketts, T. Maccacaro, J. P. Pye, M. Elvis, M. G. Watson, R. E. Griffiths, K. A. Pounds, I. McHardy, D. Maccagni, F. D. Seward, C. G. Page and M. J. L. Turner, 1978 Monthly Notices of the Royal Astronomical Society, 182, 489-515) has been made machine-readable by G. Share (Naval Research Laboratory). The information given in this document has been obtained via private communication with Dr. Share. No effort has been expended to verify the contents and Dr. Share bears the responsibility for any keypunching errors.