

DATA ANNOUNCEMENT BULLETIN

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NATIONAL SPACE SCIENCE DATA CENTER/
WORLD DATA CENTER A FOR ROCKETS AND SATELLITES
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Goddard Space Flight Center • Greenbelt, Maryland 20771

**THE ARIEL V SSI 3A X-RAY CATALOGUE**INTRODUCTION

The purpose of this Data Announcement Bulletin (DAB) is to advise interested parties of the availability of the Ariel V SSI 3A X-ray Catalogue in machine-readable form. The catalogue can be obtained from NSSDC on either magnetic tape or microfiche.

CATALOGUE DESCRIPTION

The 3A catalogue has been published as two separate papers. Paper I (Warwick et al, MNRAS, in press) covers the galactic plane in low latitudes ($b^{\text{II}} < 10^\circ$). Paper II (McHardy et al, MNRAS, in press) is a revised version of the 2A catalogue of high galactic X-ray sources. Both papers are based on the complete 5-1/2 year data base of the Sky Survey Instrument (SSI) on the Ariel V satellite. Source identifications, error boxes and fluxes are included. The low latitude portion contains 109 X-ray sources of which 10 are new. The high latitude revision contains 142 sources, 35 more than the earlier 2A version.

CATALOGUE TAPE FORMAT

The magnetic tape version of the 3A catalogue was produced by the authors and forwarded to NSSDC for distribution. It contains all the information of the published catalogue in machine-readable form. The high and low latitude sections are in separate files corresponding to the original papers.

CATALOGUE MICROFICHE FORMAT

The microfiche version is contained on one 4x6 fiche card. It consists of page images of the catalogue as published. The high latitude and low latitude catalogues again are separate, but both sets are on the same fiche.

ORDERING INFORMATION

Please use the attached order form to request either tape or fiche copies.

To order the 3A Catalogue on magnetic tape, request:

NSSDC Data Set ID Number 74-077A-02A

Please provide information on tape format and computer as requested on the back of the attached order form. Appropriate documentation for reading the tape will be included with your order.

To order the 3A Catalogue on microfiche, request:

NSSDC Data Set ID Number 74-077A-02B

NOTE: In the National Space Science Data Center files, Ariel V is identified by the spacecraft common name UK 5.