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IAU ARCHIVES OF UNPUBLISHED PHOTOELECTRIC OBSERVATIONS  
OF VARIABLE STARS (1985/6)

Summary of changes for 1986

1. Generally, each file should contain data for only one variable star. A cover sheet (see format) should be supplied by the author.
2. More than one variable star can be put in a file, if all the variable stars are discussed together elsewhere in a widely available journal. The cover sheet should give the full reference of the published paper.
3. Lengthy data can also be submitted on computer tape or diskettes.

Introduction

The Archives of Unpublished Photoelectric Observations of Variable Stars was created to provide permanent archives in different parts of the world. The archives can replace lengthy and expensive tables in scientific publications by a single reference to the archival file number. Furthermore, many valuable observations are never used for scientific publication, and the archives make such observations available to other astronomers at a time when they might become very important.

The Publications of the Astronomical Society of the Pacific kindly publishes the summaries of recent files. Detailed reports can be found in Pub.Astr.Soc.Pac. 91, 408 (1979), Pub.Astr.Soc.Pac. 93, 528 (1981), and Pub.Astr.Soc.Pac. 97, 85 (1985).

#### Retrieval of existing files

Astronomers who wish to obtain copies of deposited data, can do so by requesting whole files (not partial files) from one of the three archives:

P.D. Hingley, Librarian, Royal Astronomical Society, Burlington House, London, W1V 0NL, Great Britain;

Dr. C. Jaschek, Centre de Données Stellaires, Observatoire de Strasbourg, 11, Rue de l'Université, F-67000 Strasbourg, France; or

Dr. E. Makarenko, Odessa Astronomical Observatory, Shevchenko Park, Odessa 270014, U.S.S.R.

The requested file number should be specified. There is no charge for short files.

#### Submission of new files

If the new data is not discussed in a scientific paper published in a widely available astronomical journal, three copies of the data and five copies of the cover sheet should be sent to the Coordinator, who will forward the data with the cover sheet to the three archives. One copy of the cover sheet will be returned to the author with the assigned file number. Each variable star should be in a separate file, unless there are compelling reasons for combining stars.

If the data will be discussed or used in a widely available astronomical journal, a file number can be requested in advance of publication from the Coordinator. It might be useful to mention the file number in the publication. After publication of the paper, three copies of the data and five copies of the cover sheet should be sent to the Coordinator. The cover sheet should contain the full reference of the publication, in which the data is discussed or used. It may not be necessary to repeat observational details on the cover sheet. We recommend that all the stars discussed in a single publication be combined in a single file.

New files must be printed or handwritten in black ink. We would like to draw attention to the fact that some computer output or copies may not have enough contrast to be legible after further copying for retrieval. The printed part should be no larger than 8 by 10 inches (20 by 25 cm).

The cover sheet could be of the following form:

IAU COMMISSION 27                      UNPUBLISHED DATA FILE xxx  
x pages, including cover sheet                      Date

TITLE INCLUDING STAR NAME

Observational details or reference to a published paper.

Name and full address.

Lengthy data can also be submitted by computer tape (ASCII) or diskettes to the Centre de Données Stellaires in Strasbourg after informal consultation with the Coordinator and the Centre. Computer files will have special file numbers with the prefix "C" and will, at the present time, only be stored in Strasbourg. There are no computer files at present. Should the paperless transmission of data become popular among the users of the archives, we expect to expand this new service.

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