

National Aeronautics and  
Space Administration



**Goddard Space Flight Center**  
Greenbelt, Maryland  
20771

Reply to Attn of:

1988 June 14

**To: IUE Guest Users**  
**From: IUE Project Scientist**  
**Subject: IUE Catalogues and Atlases**

The Senior Review Panel, which was formed this year to advise the Director of Astrophysics Division at NASA Headquarters, recognized the importance of IUE catalogues and atlases for astronomical research. They recommended that efforts to prepare catalogues and atlases should be emphasized.

In view of those recommendations, you might care to consider submitting proposals for catalogues and atlases to the next Astrophysical Data Program peer review, which is expected to be announced by NASA Headquarters sometime this fall.

For your information, we are enclosing a list of catalogues and atlases that are currently known to be available or in preparation. We wish to caution that this list may be incomplete.

In order to help us select the catalogues and atlases that are most needed by the IUE user community, please let us know what you would like to see made available. We would also like to hear from you if you are preparing or contemplating to prepare catalogues and atlases.

Best wishes,

A handwritten signature in cursive script, appearing to read "Yoji Kondo".

Yoji Kondo

## A PRELIMINARY LIST OF CATALOGS AND ATLASES OF IUE DATA

### STANDARD STARS

"The IUE Ultraviolet Spectral Atlas", C.-C. Wu, T. B. Ake, A. Boggess, R. C. Bohlin, C. L. Imhoff, A. V. Holm, Z. G. Levay, R. J. Panek, F. H. Schiffer III, and B. E. Turnrose, NASA IUE Newsletter No. 22, 1983.

"IUE Low-Dispersion Spectra Reference Atlas, Part 1. Normal Stars", A. Heck, D. Egret, M. Jaschek, and C. Jaschek, ESA SP-1052, 1984.

### HOT STARS

"An Ultraviolet Line List for O Star Spectra", C. A. Dean and F. C. Bruhweiler, Ap. J. Suppl., 57, 133, 1985.

International Ultraviolet Explorer Atlas of O-Type Spectra from 1200 to 1900 Å.  
N. R. Walborn, J. Nichols-Bohlin, and R. J. Panek, NASA Ref. Publ. 1155, 1985.

"The Ultraviolet Spectrum of Procyon. I. The Atlas from 2030 to 2371 Å", R. Faraggiana, F. Castelli, C. Morossi, Y. Kondo, and K. A. van der Hucht, Ap. J. Suppl., 61, 719, 1986.

### COOL STARS

"Outer Atmospheres of Cool Stars. IX. A Survey of Ultraviolet Emission from F-K Dwarfs and Giants with IUE", T. R. Ayres, N. C. Marstad, and J. L. Linsky, Ap. J., 247, 545, 1981.

Atlas of High Resolution IUE Spectra of Late-Type Stars. 2500 - 3230 Å. R. F. Wing, K. G. Carpenter, and G. M. Wahlgren, Perkins Observatory Special Publication No. 1, 1983.

"Line Identifications, Line Strengths, and Continuum Flux Measurements in the Ultraviolet Spectrum of Arcturus", K. G. Carpenter, R. F. Wing, and R. E. Stencel, Ap. J. Suppl., 57, 405, 1985.

"Ultraviolet Spectra and Chromospheres of R Stars", J. A. Eaton, H. R. Johnson, G. T. O'Brien, and J. H. Baumert, Ap. J., 290, 276, 1985.

"IUE Spectra of GOV - G5V Solar-Type Stars", B. M. Haisch and G. Basri, Ap. J. Suppl., 58, 179, 1985.

### NEBULAE, EXTRAGALACTIC OBJECTS, AND OTHER SOURCES

An Atlas of UV Spectra of Supernovae. P. Benvenuti, L. Sanz Fernandez de Cordoba, W. Wamsteker, F. Macchetto, G. C. Palumbo, and N. Panagia, ESA-SP 1046, 1982.

"IUE UV Spectra of Extragalactic H II Regions. I. The Catalogue and the Atlas", M. Rosa, M. Joubert, and P. Benvenuti, A. & A. Suppl., 57, 361, 1984.

IUE Atlas of Planetary Nebulae, Central Stars, and Related Objects.  
W. A. Feibelman, N. A. Oliverson, J. Nichols-Bohlin, and M. Garhart, NASA Ref. Publ., in press, 1988.