

THE FOUR YEAR IUE MERGED LOG OF OBSERVATIONS

Taken by NASA, the European Space Agency (ESA) and the Science and Engineering Research Council (SERC)

In this issue we present the log of observations for images taken in the U.S. by NASA and in Spain by ESA and the SERC between 1 April 1978 and 31 March 1982. The log is recorded on microfiche, attached to the inside back cover of this Newsletter.

The log is ordered by right ascension, except for observations of solar system objects and engineering images. Engineering images may be found at the beginning of the log while the solar system targets are sorted by RA within each object class at the end of the log.

All documentary information about the targets (names, positions, magnitudes, etc.) are those provided by the observer. For NASA images, errors made at the observing console are corrected daily from the observing scripts. The documentation for VILSPA images is listed as received.

Images are identified by camera ID (SWP, LWR, or LWP) and the image sequence number for that camera. Other information includes observing station (GODDARD or VILSPA), dispersion, aperture, date and time of observation, and exposure time. Starting with this issue of the log the image processing date replaces the release date in the second column from the right for NASA images only. The processing date is blank for VILSPA images. In addition, symbols next to the processing date indicate if the image is lost, not releasable, or available in raw format only. Comments in the right most column include the exposure level as found in the raw image at the time of observation. Detailed information on the log's data fields is contained in the log's preface.

Copies of the IUE processed data tapes and photowrite images are stored in the National Space Science Data Center (NSSDC) at Goddard Space Flight Center until the data release date when the data are made available to the general science community. The release date for images available through the NSSDC is generally about 7 months after the date of observation.

A description of the procedure for obtaining IUE data from the NSSDC is contained elsewhere in this Newsletter.

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