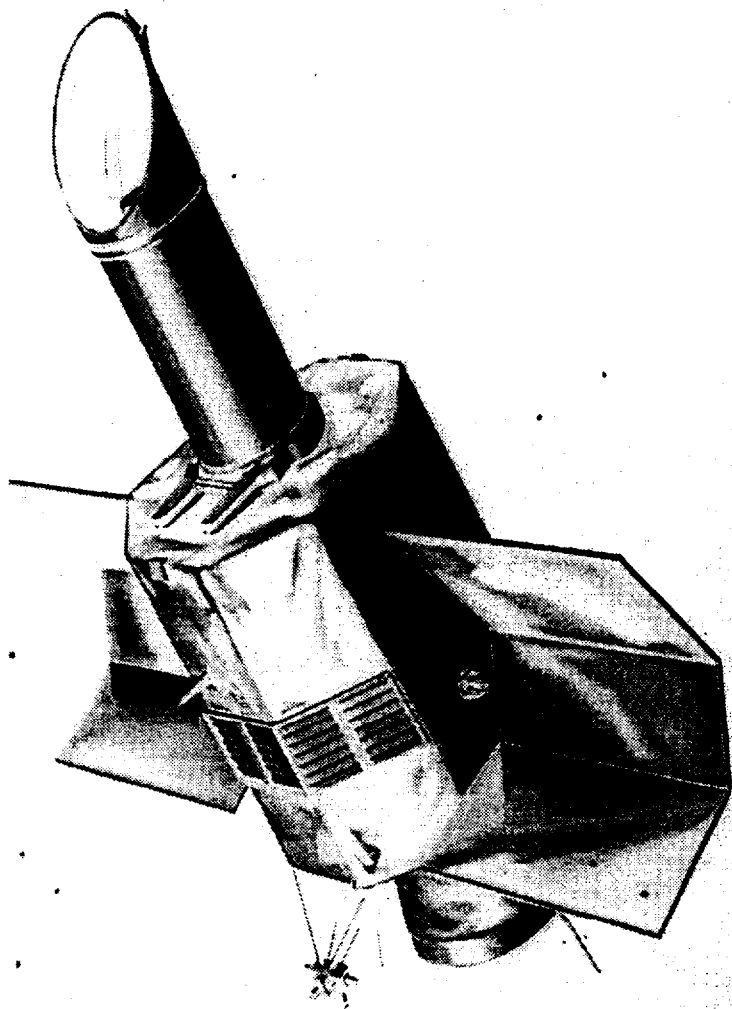

International Ultraviolet Explorer (IUE)

NASA NEWSLETTER

24



National Aeronautics and
Space Administration



Goddard Space Flight Center
Greenbelt, Maryland
20771

INTERNATIONAL ULTRAVIOLET EXPLORER (IUE)
NASA
NEWSLETTER
NO. 24

June 27, 1984

Dear Colleague:

At this writing the IUE Observatory continues to be a fully operational, immensely successful astronomical spacecraft. The seventh year of scientific observations is well underway. This Newsletter describes one major change in operational flexibility; namely, the imposition of strict control on use of the LWR camera. The need for this control is driven by our increased knowledge of the characteristics of the flare in the ultraviolet converter of the camera and the desire of the three agencies operating the IUE to preserve the LWR camera as a backup to the LWP camera.

Within this Newsletter you will also find a report on the Spring IUE Users' Committee meeting by the committee's current chairperson, Lee Anne Willson. The Users' Committee desires the active participation of members of the IUE community in its deliberations and encourages your inputs. Elsewhere, Jeff Linsky reports on the formation of an AAS Working Group on Ultraviolet Astronomy. Several articles address characteristics of the LWP camera and the new LWR ITF is evaluated in one contribution. Other reports on the new LWR ITF are in preparation. At the end of the Newsletter you will find a very useful bibliographical index, complete through 1982, which cites references in the literature for targets observed by the IUE.

The six-year cumulative (through March 31, 1984) merged log of IUE observations is in preparation and will be distributed later this summer.

Essential support in the preparation of this Newsletter has been provided by Ms. Mona Drexler.

Sincerely,

J. Keith Kalinowski
IUE Operations Scientist
Code 684

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