

NOTE ON THE LWP ABSOLUTE CALIBRATION

The following article presents the corrected form of the LWP low dispersion absolute calibration. It supercedes the values presented in the last Newsletter (Blades and Cassatella, 1983, NASA IUE Newsletter No. 21, p. 62).

This absolute calibration has been adopted by NASA, ESA, and SERC. It has been implemented in the standard image processing of LWP low dispersion images at Goddard on October 19, 1983. This date corresponds with the switch to the LWP as the default camera; i.e. all images obtained after the switch on October 16 have been processed using the new absolute calibration (see also "IUE News" in this Newsletter).

The LWP absolute calibration has not yet been fully evaluated. Caution is therefore advised in comparing fluxes obtained from both LWP and LWR spectra, due to possible systematic differences in the calibration and due to long-term LWR sensitivity changes (see Sonneborn, this Newsletter).

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