

Cosmic Background Explorer (*COBE*)

Far Infrared Absolute Spectrophotometer (*FIRAS*)

Explanatory Supplement

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ABSTRACT

The Far Infrared Absolute Spectrophotometer (*FIRAS*) on the *COBE* satellite mapped the sky from 1 cm^{-1} to 97 cm^{-1} frequency with $\sim .5\text{ cm}^{-1}$ spectral resolution and excellent absolute calibration. The data products have been completed and delivered for the use of the scientific community. This supplement describes these products and gives instructions for their proper use, including computation of error estimates.

PREFACE

This version of the *FIRAS* Explanatory Supplement supersedes three previous versions: Version 2.1, dated July 14, 1995, Version 2.0, dated October 7, 1994, and Version 1.0, dated July 8, 1993.

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A current version of the document will be kept on line at the National Space Science Data Center and may be obtained from the *COBE* Home Page at http://www.gsfc.nasa.gov/astro/cobe/cobe_home.html on the World Wide Web.

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