

## HELIOSPHERIC ELECTRONS FROM JUPITER

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The electron spectrum in the energy range 150 keV to 10 MeV, measured by EPHIN sensor onboard SOHO observatory during 1996 quiet time periods, is presented. The results show that the dominant electron population is of Jovian origin. The spectral indexes obtained range from 1.5 to 1.8. In this work an estimation of the emission intensity of electrons from the Jovian magnetosphere is also obtained. Unexpected recurrence of Jovian electrons at the middle of 1996 during poor Earth-Jupiter magnetic connection have been observed.