

The double structure of the coronal streamer belt

M. Eselevich, V. Eselevich

Institute of Solar-Terrestrial Physics, Irkutsk, Russia (mesel@iszf.irk.ru / Fax: +7 3952-511675)

The increasing of the effective spatial resolution when analyzing LASCO C2/SOHO data helped to reveal the existence of double-rays structure in the streamer belt, both in the absence and presence of belt bends. Streamer-belt rays located in the plane of the sky demonstrate deviation poleward (north- and southward, respectively, in the N and S hemispheres) at distances $R < 4-5R_0$ from the Sun center (R_0 is the radius of the Sun). These new results concerning streamer belt structure are important as the base for checking up a theory claiming to adequately describe physical processes in the corona.