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THE VARIATION OF THE LOCAL GEOMAGNETIC FIELD DURING THE AUGUST 11, 1999 TOTAL SOLAR ECLIPSE

A. DJORDJEVIĆ[1], V. MILIĆEVIĆ[1,2], S. MIHAJLOVIĆ[1,3],
M. STARČEVIĆ[1] and L. Č. POPOVIĆ[4]

[1] *Mining and geology faculty, Djušina 7, Belgrade*
[2] *Geoinstitute, Rovinjska 12, Belgrade*
[3] *Geomagnetic Institute, Put za Umčare bb, Grocka*
[4] *Astronomical Observatory, Volgina 7, 11160 Belgrade-74, Yugoslavia*

Abstract. In this paper the variation of the local geomagnetic field during the August 11, 1999 total solar eclipse is presented. The measurements were done in three sites: Kelebia, Kikinda and Srpska Crnja. The measurements of the total vector of the geomagnetic field was performed several times before and after the eclipse. The interval of measuring was about one minute. The observations have indicated that during the eclipse the total magnetic field is smaller than normal geomagnetic field by about 0.1%.