



Searching for new evidences of a geomagnetic reversal in the present time from satellite and ground magnetic data

A. De Santis

Istituto Nazionale di Geofisica e Vulcanologia, Rome, Italy (desantisag@ingv.it /Fax: +39 06-51860397)

Recently some suggestions about a possible imminent geomagnetic reversal have been published in literature. Although the time window of the modern measurements is rather short, improving the data collection from space will be of great help in assessing what is likely true from what is just speculation on this delicate matter. The author will present some results of recent literature together with those coming from his own contributions, for instance in terms of the rapid decrease of some important physical and statistical quantities related to the geomagnetic field over the whole globe or specific region of it. These results should give more substance to a possible present occurrence of a such a critical phenomenon for our planet, moving the subject from the realm of speculation to that of a real possibility to be more investigated in detail and not simply discarded.