
The polar belts of prominence occurrence as an indicator of the solar magnetic field reversal

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Abstract

The global magnetic field of the Sun is the determining parameter of spreading the solar wind in the interplanetary space. The global field changes the polarity synchronically with the cycle of solar activity. The interesting indicator of the polarity change are so-called polar belts of the prominences' occurrence. The article shows the performance of these belts on observational work from 1967 to 2010. It suggests other authors to compile their observation's data in a such way which is described in Rusin et al., 1988.

Keywords: polar belts of prominence, magnetic field reversal

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