

# UPPER ATMOSPHERIC RESEARCH FROM ANTARCTICA

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*Antarctica is an important location for studying the Sun-Earth plasma connection and upper atmospheric phenomena. The open magnetic field lines emanating from Antarctica region reach out to the magnetosphere and the interplanetary space. Using ground based instruments, one can study geomagnetic phenomena occurring in the magnetosphere and upper atmosphere, such as auroras, magnetic storms and substorms, etc. as well as the secular variations of the geomagnetic field. This article highlights the new results on daily and seasonal variations, decrease in the total intensity of the geomagnetic field and the substorms.*

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