

AN EXPOSITORY STUDY ON THE EQUATORIAL ELECTROJET

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ABSTRACT

The equatorial electrojet has been reviewed. The dip equator in comparison with other equators was considered. There have also been some highlights on the E-region ionosphere. It was noted that both the dip equator and the E-region are prerequisite concepts in electrojet studies. It is observed that the phenomenon of the equatorial electrojet has very strong dependence on the ionospheric activities in the E-region height and on the dip equator location.

Keywords: Electrojet, Dip equator, ionosphere, E-region.