



The equatorial lower ionosphere like indicator of solar activity and tropical cyclone action

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This paper presents the results of rocket-borne measurements of the electron density in the equatorial ionospheric D layer at the rocket testing ground Tumba (India). Special attention will be paid for ionosphere during tropical cyclones. For example, was detected that possible large-scale response of ionospheric state can be the “fast” depletion (2-4 times) in electron density at heights of 50 – 80 km during the action of the active phase of a tropical cyclone. The author analyzed data including the space weather influence fact to equatorial ionosphere.