

Variations in parameters of the ionosphere F_2 -layer during the earthquake of 16 September, 2004 in a north-eastern part of the Asia

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Abstract. Results of ionosphere sounding in Yakutsk during the earthquake of 16 September, 2004 occurred in an eastern part of Yakutia are presented. Variations in the critical frequency and height of F_2 -layer and the angles of arrivals of radio reflection signals illustrating the dynamics of the ionosphere disturbance are shown.

Keywords: earthquake, ionosphere, electronic concentration, angels of arrival.