



Simultaneous electron concentration profiles from the high-latitude D-region of both poles

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This paper examines the rocket-borne measurements results of the electron density in the high latitude ionospheric D layer of both poles (Molodezhnaya (67,7° S, 45,9 E) and Heiss Island (80,5°N,58,0E). The measurements differed by 1 our only (near simultaneously). Comparison of profiles from both poles demonstrates there are differences in high-distribution of the electron concentration at the equinox.