

Initial results from the Hokkaido HF radar observation 1: Overview

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<http://center.stelab.nagoya-u.ac.jp/hokkaido/>

Initial results of the Hokkaido HF radar (geographic coordinates: 43.53°, 143.61°) will be presented. It is the second mid-latitude SuperDARN radar, and the first one in the Asian sector. It started operation on November 20, 2006 after a radio license was issued. So far we have observed a wide variety of phenomena, such as SAPS/SAID type events, poleward flow near the cusp, dayside/nightside TIDs and the ionospheric effect of an earthquake. Latest status report of the radar will also be presented.