

ESTABLISHMENT OF GEOMAGNETIC OBSERVATORY AT ISLAMABAD AND REPEAT STATION RESULTS FROM NORTHERN PART OF PAKISTAN

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After the installation of geomagnetic observatory “Abdus Salaam” in Sonmiani (South-west of Pakistan), Pakistan has established another geomagnetic observatory at Islamabad (33.75°N, 72.87°E), located in the North-east mountainous region of the country. Since Pakistan is spread along 23-40°N, 60-80°E, the newly established observatory will provide enhanced coverage of geomagnetic activity in the country. During 2008, repeat station work at three selected sites (Multan, Gilgit and Skardu) was also carried out to compare with the survey work previously done during 2005. All this activity was the result of collaboration between SUPARCO and IRM started in 2006 and which culminated in July 2008 by this joint installation and measurement campaign. Experiences during establishment of the observatory and repeat station comparisons/results are described in this study.

Repeat station work, geomagnetic activity

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