

Metadata Details

Title

Study of the Ionised and Non-Ionised Atmosphere.

Science Keywords

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| Category | Atmosphere |
| Topic | Aerosols |
| Expedition Year | 1983-1984 |
| ISO Topic | Atmosphere |

Summary

Abstract

During the Third Indian Scientific Expedition to Antarctica, a permanent station with all facilities for conducting laboratory experiments was established, and D-region ionisation and the ground level pressure variations were studied. These studies were made in continuation of experiments conducted during the earlier expeditions.

Purpose

The experiments conducted by NPL during the Third Antarctic Expedition were in the nature of continuation of those conducted during earlier t w o expeditions. Mainly two experiments were performed during this expedition successfully. (I) Study of the D region ionisation behaviour using riometer observations (II) Study of ground level pressure variations using microbarographs.

Data Center