

# Metadata Details

**Title**

Study of the Ionised and Non-Ionised Atmosphere.

---

**Science Keywords**

Category	Atmosphere
Topic	Aerosols
Expedition Year	1983-1984
<b>ISO Topic</b>	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**