

Foreword

This volume consists of the collected papers presented to “The SCAR Workshop on Energetics and Dynamics of the Middle and the Upper Atmosphere at High Southern Latitudes,” which was held at Bremerhaven, Federal Republic of Germany, from September 25 to 28, 1984 as a part of the XVII SCAR Meeting. There were five sessions in this workshop as shown in program. Many topics discussed in the workshop include the energetics and dynamics of the southern high-latitude atmosphere. The MAP program in Antarctica and the project ISAAC, summaries of scientific activities and future plans for Antarctic research, plannings for co-operative research and coordinated data analyses.

This special volume of Memoirs of National Institute of Polar Research contains 15 papers. In these papers, a number of various topics are reported; they are, the polar cap and cusp phenomena, the VLF wave and wave-particle interactions, rocket experiments, energy transfer from solar wind, the project ISAAC, CNA phenomena and future plans in Antarctica.

We hope that this special issue of Memoirs of National Institute of Polar Research will be valuable for those who are interested in the middle atmosphere and the ionospheric and magnetospheric phenomena in the polar regions and also for those who are concerned with Antarctic research activities.

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Editor