

Preface

The geophysical observatory of the Hungarian Academy of Sciences is pleased to present the 1994–1998 report in the Geophysical Observatory Report series.

Nagyecenk Geophysical Observatory has been supplying data since 1957. The objective of the observatory is to record continuously the Earth's electromagnetic field of external origin. Geophysical Observatory Reports comprise earth current data from 1957 on, geomagnetic data from 1961 on, atmospheric electricity data from 1962 on and ionospheric data from 1967 on. The observatory became involved in the INTERMAGNET program in 1993. This led to stronger co-operation with other observatories, adoption of standard specification for measuring and recording equipments and production of geomagnetic data in close to real time. Data acquisition systems of earth current, atmospheric electricity and ionospheric observations were also modernized and three new computer-based measurements such as Schumann resonance, ionosonde and meteorology started during the above period. In consequence several modifications of the traditional observatory reports have been performed from the year 1994: In the present and next volumes data will be given in digital form (diskette is attached) and more space is devoted to the operational questions, latest developments, notes, comments, research and use of data. On this occasion a short overview of the past 40 years is also given.

Further information and data including archived data are available by special arrangement at the institute:

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