

The geomagnetic survey of Austria 1995-1998

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A b s t r a c t: The following is a brief report on the survey and a presentation of first results. Between 1995 and 1998, measurements were carried out at approximately 300 stations in Austria, with an average spacing of approximately 20 kms. At 13 sites, measurements have been repeatedly recorded, i.e. every year. Additionally, joint campaigns were conducted with the geomagnetic staff of 7 neighbouring countries along the border regions. The instruments used in the survey were: DI-Fluxgate Magnetometer, Proton Magnetometer and a Gyroscopic Station. About 45% of all data has as yet been processed. Several criteria have been applied to check for scattering values, only a few data had to be eliminated. The data are reduced to the epoch 1997.0.

Key words: geomagnetic survey, Austria, data processing, maps

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