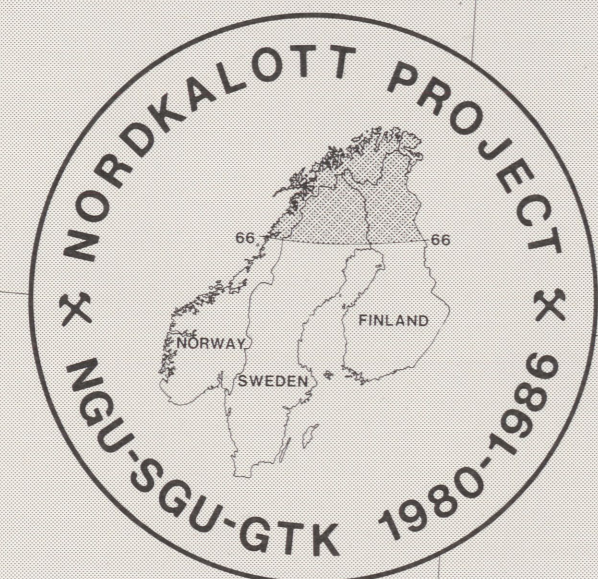


AEROMAGNETIC ANOMALY MAP NORTHERN FENNOSCANDIA TOTAL INTENSITY REFERRED TO DGRF-65

COMPILED AT
GEOLOGICAL SURVEYS OF FINLAND, NORWAY AND SWEDEN

THIS MAP IS A RESULT OF NORDIC COLLABORATION
SUPPORTED BY
THE NORDIC COUNCIL OF MINISTERS

SCALE 1:1 000 000



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AEROMAGNETISK ANOMALIKARTA NORRA FENNOSKANDIEN TOTALINTENSITET I RELATION TILL DGRF-65

General description
This aeromagnetic map is a composite of 11 digital data sets of absolute magnetic total intensity 1965.0 provided by the Geological Surveys of Finland, Norway and Sweden (Fig. 1). The data matrices have been interpolated to a common net of cell size 1x1 km and the Definite International Geomagnetic Reference Field 1965.0 has been subtracted. The frequency function and some statistical parameters of the final matrix are shown in Fig. 2.

Allmän beskrivning
Denna aeromagnetiska karta är sammansatt från 11 dataset av absolut magnetisk totalintensitet 1965.0 framställda av de geologiska undersökningsämbeten i Finland, Norge och Sverige (Fig. 1). Data har interpolerats till ett gemensamt kvadratisk rutnät 1x1 km och Definitiv International Geomagnetskt Referensfält 1965.0 har subtraherats. Frekvensfunktionen och några statistiska parametrar för den slutliga datamatrixen framgår av Fig. 2.

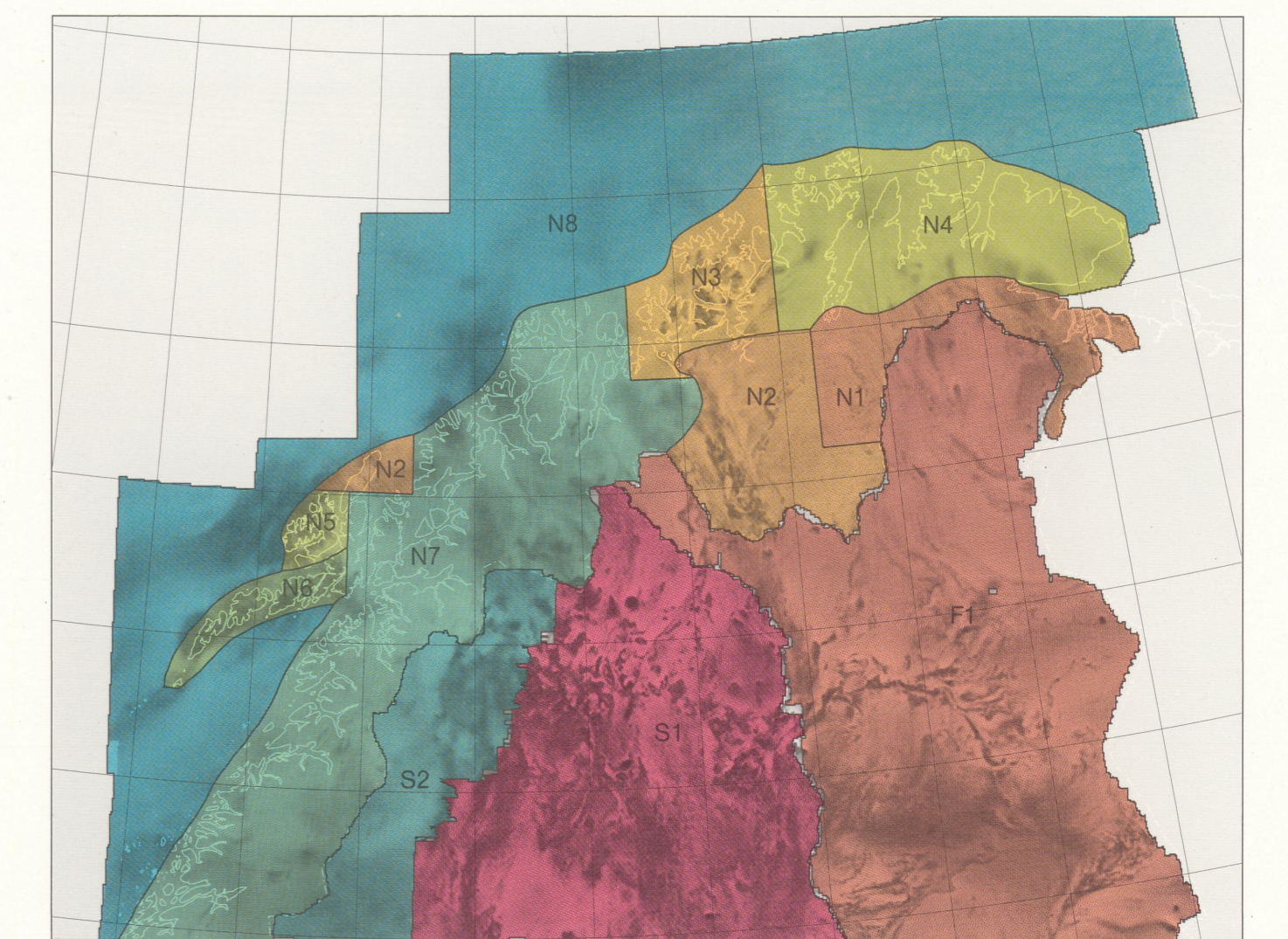


Fig. 1. The distribution of survey types

country	altitude (m)	line spacing (m)	grid size (m)
F1	150	400	1000
S1	300	200	200
S2	1800B	2000	1000
N1	150	500	500
N2	150	1000	500
N3	150	2000	500
N4	800B	1000	500
N5	800B	2000	500
N6	1000B	2000	500
N7	1500B	2000	500
N8	500	4-5000	500

B: barometric
C: continued upwards to the level of matrices F1, N1, N2 and N3

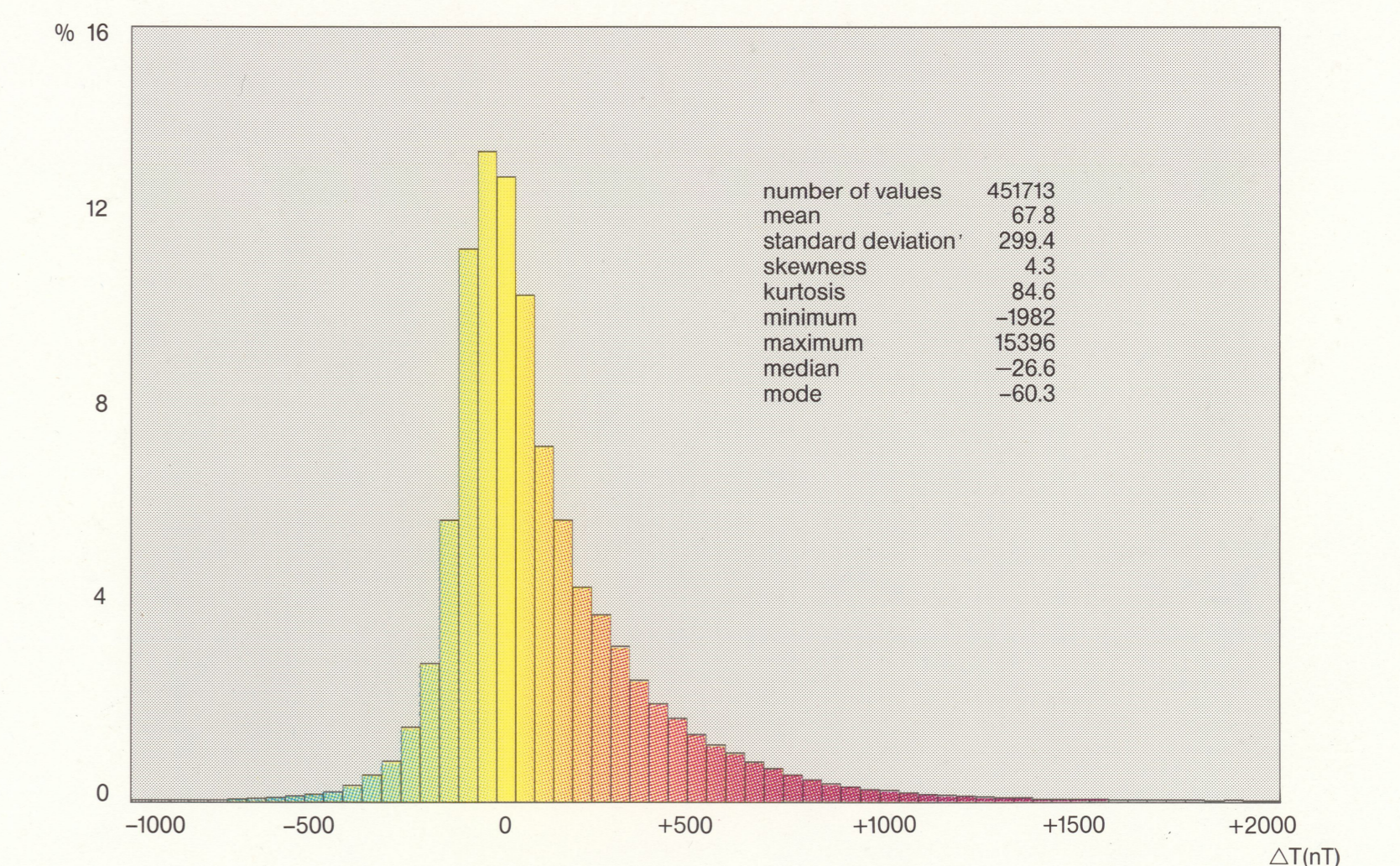


Fig. 2. The statistical parameters of data matrix

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Bibliographic reference: Magnetic Anomaly Map, Northern Fennoscandia, 1:1 million. Geological Surveys of Finland, Norway and Sweden, 1986. ISBN 91-7158-375-0.