

**List of Danish Geodetical and Geophysical Publications 1962**

(Compiled by Dansk Geofysisk Forening)

Published in Copenhagen 1962 unless otherwise stated

OLE BEDSTED ANDERSEN: A note on the cyclic error. Tellurometer symposium. (London).

Determinations of the cyclic behavior of the indexerror of the Tellurometer are given.

OLE BEDSTED ANDERSEN: Rapport om to interne tellurometerfejl. Det 4. nordiske geodætmode. (Oslo).

A method of determining the Tellurometer modulation frequencies is treated together with a report of the cyclic behavior of the index correction.

Geodætisk Institut:  
Bulletin of the seismological station København:

No. 80, Jan.-Jun. 1960, E.

No. 81, Jul.-Dec. 1960, E.

Scoresbysund:

No. 41, Jan.-Jun. 1960, E.

Nord:

No. 7, Jul.-Dec. 1959, E M.

No. 8, Jan.-Dec. 1959, A.

No. 9, Jan.-Jun. 1960, E.

E: earthquake-readings, M: microseismic readings every 6 hours, A: additional microseismic readings for microseismic storms and for Regular World Days and World Meteorological Intervals.

I. LEHMANN: *The Travel Times of the Longitudinal Waves of the Logan and Blanca Atomic Explosions and their Velocities in the Upper Mantle.* Bull. Seism. Soc. Amer. Vol. 52 pp. 519-526. (Baltimore).

I. LEHMANN: *Recent Studies of Body Waves in the Mantle of the Earth.* Quarterly J. R. A. S. Vol. 3 pp. 288-298. (London).

BODIL FRIIS NIELSEN: *Den totale indstråling ved København.* Horticultura 15, 1961: 39-45.

Rates of incoming radiation registered continuously 1954-1960 at The Climate and Water Balance Station of the Hydrotechnical Laboratory near Copenhagen at 55°40'N 12°18'E are given daily in daily and monthly averages. The influence of atmosphere and clouds on the received radiation is discussed.

KNUD PODER: *Reflections.* Tellurometer symposium. (London).

The formulae describing the ground swing error for simple reflecting surfaces are given. Calculation instructions are included.

KNUD PODER and OLE BEDSTED ANDERSEN: *A line-crossing experiment.* Tellurometer symposium. (London).

A report of a Tellurometer experiment based on the line-crossing technique using shipborne Tellurometer is given.

KNUD PODER and OLE BEDSTED ANDERSEN: Instrumental developments of geodetic radar systems. Tellurometer symposium. (London).

A report of modifications and developments of the Tellurometer together with a brief consideration of the geodetic aspects of using electronic distance measuring instruments are given.

KNUD PODER and OLE BEDSTED ANDERSEN: A frequency measuring system. Tellurometer symposium. (London).

The paper deals with a frequency measuring system for field use determining the Tellurometer modulation frequencies.

KNUD PODER: Refleksionseffekter ved Tellurometermålinger. Det 4. nordiske geodætmøde. (Oslo).

The formulae describing the ground swing error for simple reflecting surfaces are given.

O. SIMONSEN: Short Report on the History and Establishment of United European Levelling Net and on the Results Obtained up to December 1960. Trav. Assoc. Intern. Géodésie T. 21, pp. 115-158. (Paris).

O. SIMONSEN: Remarks on Secular Movements within Denmark. I. Internationales Symposium über rezente Erdkrustenbewegungen vom 21. bis 26. Mai 1962 in Leipzig. pp. 126-148. (Berlin).

JENS SMED: Monthly Anomalies of the Surface Temperature in Areas of the Northern North Atlantic in 1960. — Monthly Anomalies of the Surface Temperature in an Area off the Eastern Coast of Scotland in 1960. — Annales Biologiques, Vol. XVII, pp. 21-23 and p. 59.

The yearly averages of monthly anomalies of the temperature of the surface water (the period 1876-1915 being taken as standard) are positive for all areas except the two situated south of 55°N. In the main part of the region temperatures are higher than in 1959; this rise of temperature is especially pronounced in the northwestern part of the region.

JEAN VIGNAL et OVE SIMONSEN: Identité des corrections de pesanteur appliquées aux altitudes dans les pays de l'Europe de l'est et en France.