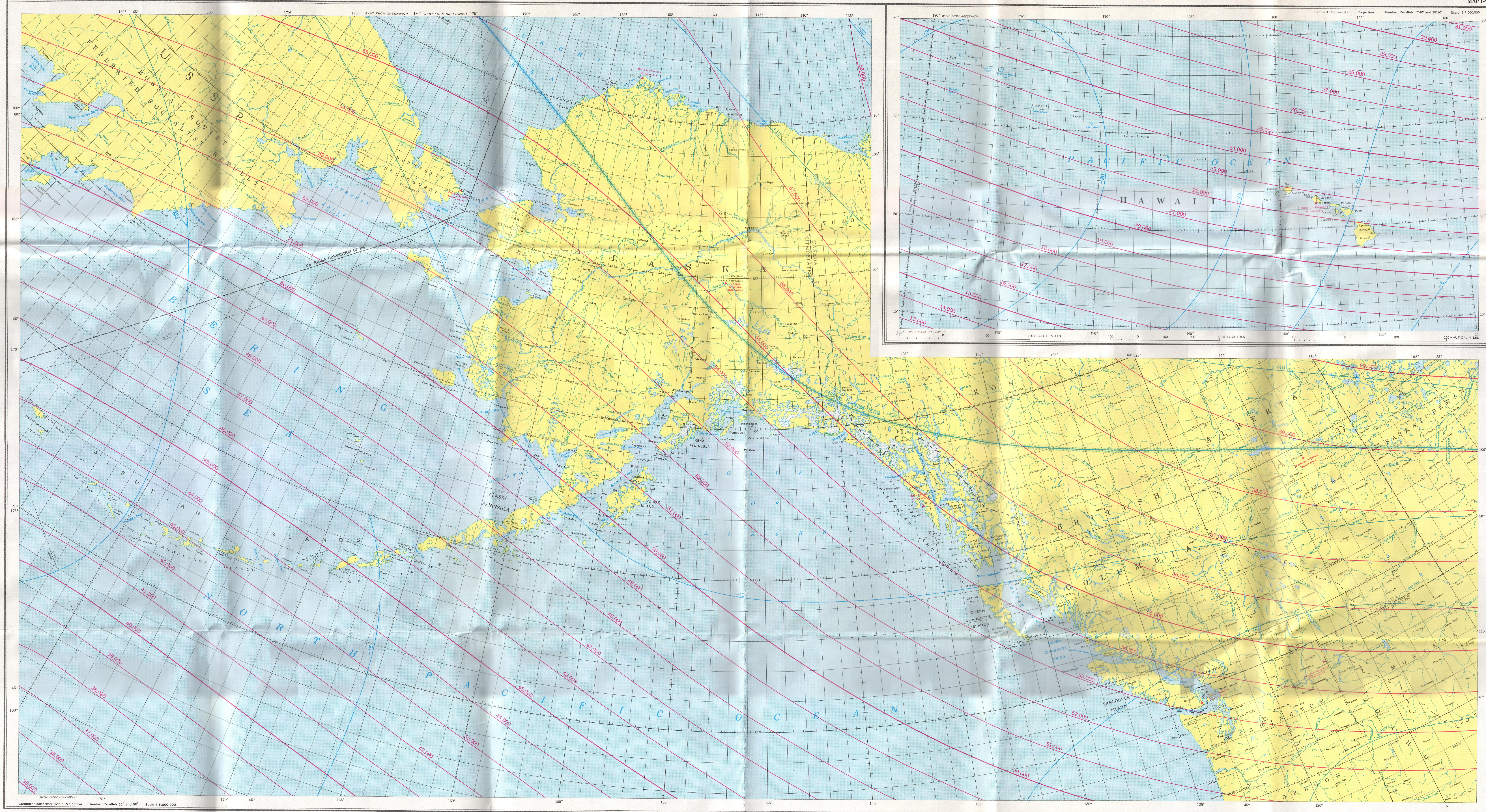


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DEPARTMENT OF THE INTERIOR  
UNITED STATES GEOLOGICAL SURVEY

Prepared in cooperation with the  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

MAGNETIC VERTICAL INTENSITY  
UNITED STATES-1975.0  
MAP I-914

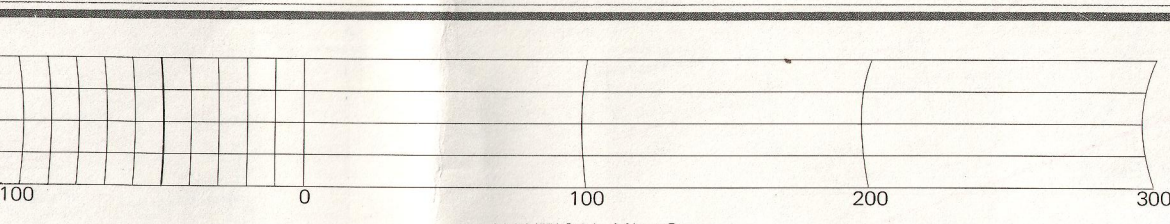
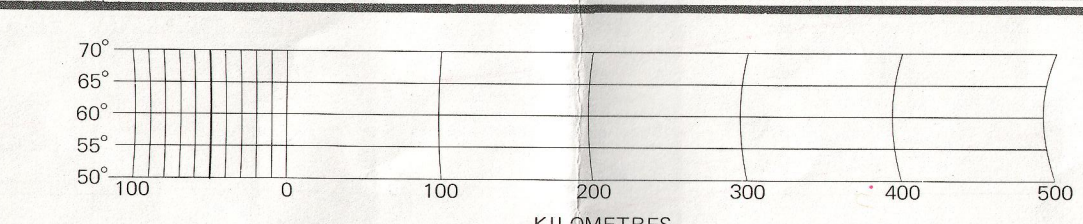
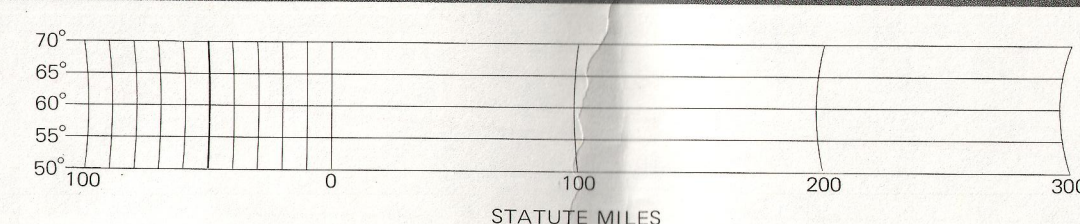


Base from Coast and Geodetic Survey, Environmental Science Services Administration, U.S. Department of Commerce, 1965, revised 1973.

Carole M. Frick gave valuable assistance in several areas requiring computer usage. The plotting programs were adapted from a version originally designed by Norman M. Poole.

Elmer A. Heston and Roy L. Baerman assisted in processing data and preparing the final manuscript. Robert G. Gens and Donald M. Campbell processed the results obtained from the magnetic tapes received. G. H. Bartlett of NOAA prepared the data files.

Blue lines indicate annual change in vertical intensity. Solid lines denote increasing intensity, dashed lines decreasing intensity. The lines were derived from an analysis of the 1973-74 annual change in magnetic vertical intensity. It is important to note that because of the susceptibility of power line change, the vertical rates of change may vary considerably within a few years of the epoch date (1975.0) of the map.



Interior-Geological Survey, Reston, Va., 1976-17613

Editions prior to 1976 published as Chart 30772 by the Coast and Geodetic Survey Environmental Science Services Administration, U.S. Department of Commerce.

To avoid dissemination, the isodynamic lines have been adjusted near the map borders to conform with Chart 30, the world chart of Vertical Intensity of the Earth's Magnetic Field, published by the Defense Mapping Agency Hydrographic Center, Washington, D.C., in collaboration with the U.S. Geological Survey.

### MAGNETIC VERTICAL INTENSITY IN THE UNITED STATES-EPOCH 1975.0

By  
William J. Jones and Eugene B. Fabiano  
1976

MAGNETIC VERTICAL INTENSITY  
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