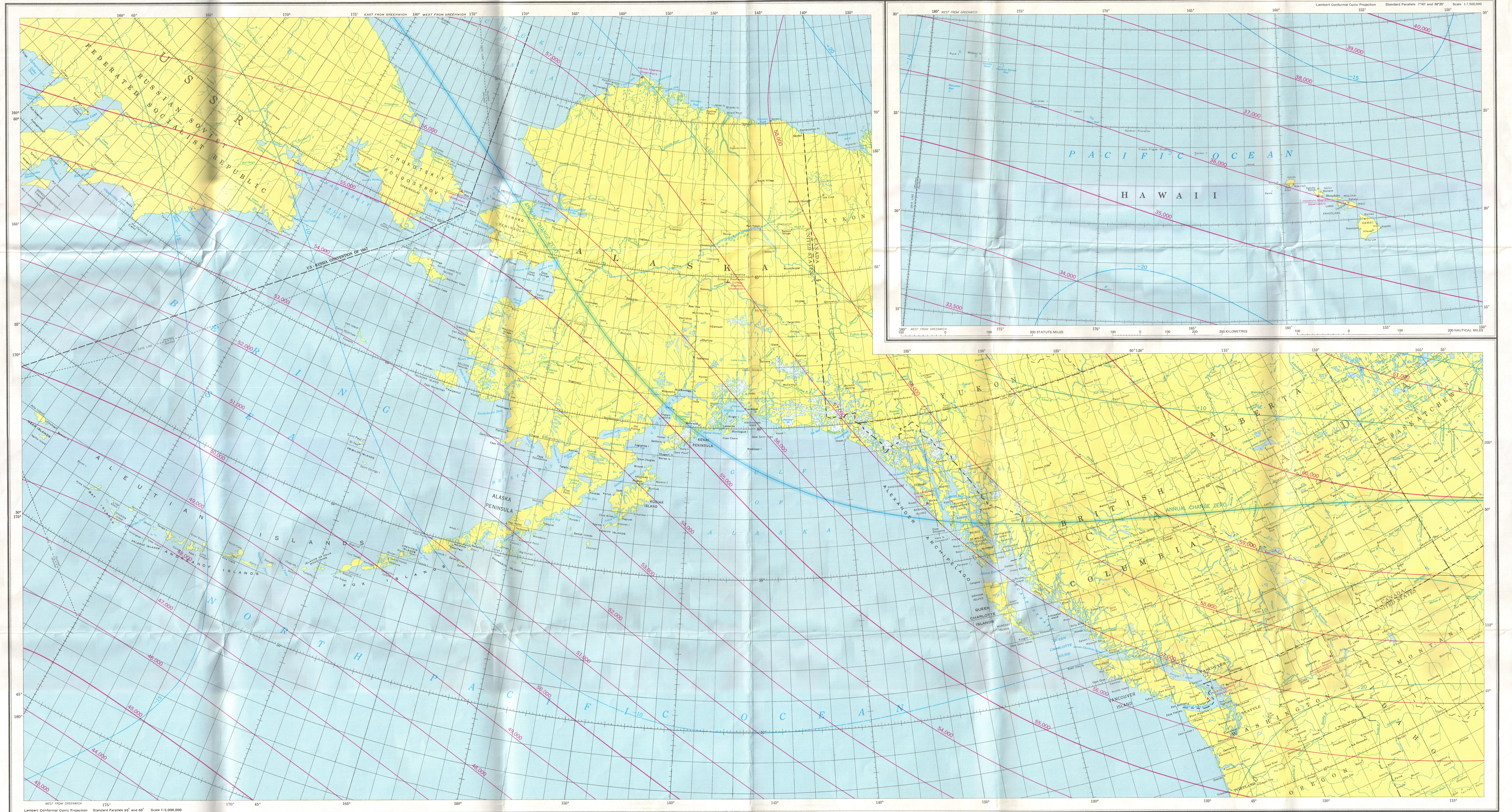


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DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

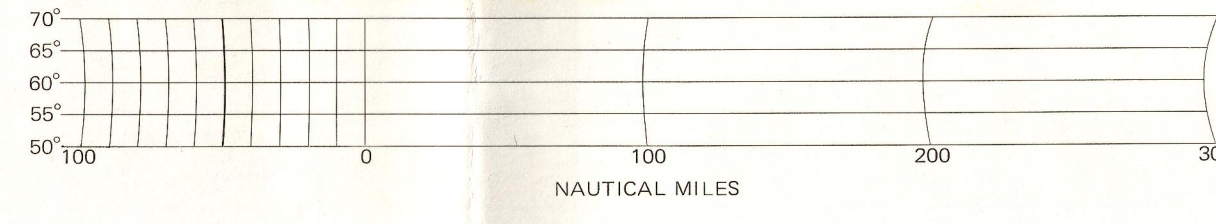
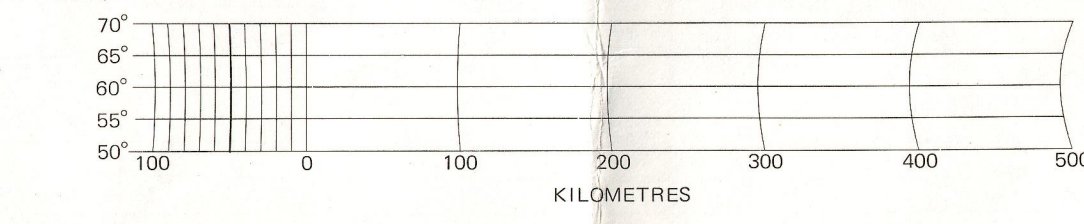
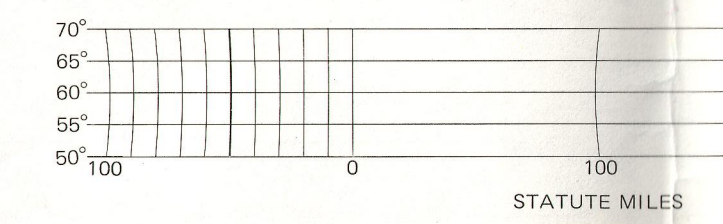
Prepared in cooperation with the
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

MAGNETIC TOTAL INTENSITY
UNITED STATES-1975.0
MAP I-915



Map from Coast and Geodetic Survey, Environmental Science Services Administration, U.S. Department of Commerce, 1965, revised 1976.
 Carolyn M. Frick gave valuable assistance in several areas requiring computer input. The plotting program was adapted from a version originally designed by Norman W. Peddie.
 Elaine A. Burrows and Roy L. Broadman assisted in processing data and preparing the final manuscript. Richard G. Green and Donald M. Campbell prepared the results obtained from the magnetic tape systems. Ole B. Westrom of NOAA prepared the data files.

Blue lines indicate annual change in total intensity in nanotesla (1 nanotesla = 1 gamma). Solid lines denote increasing intensity, dashed lines decreasing intensity. Lines were derived from analysis of the rate of annual change at regional magnetic observatories. It is important to note that because of the susceptibility of magnetic change, the actual rates may vary considerably within a few years of the epoch date of the map.



Red lines denote total intensity of the magnetic field in nanotesla (1 nanotesla = 1 gamma), as of the beginning of 1975. They were derived by least squares adjustment to measurements made up to 1974 and were corrected for secular change.
 To avoid discontinuities, the isointensity lines have been adjusted near the map borders to conform with Chart No. 39, the World Chart of Total 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.

Interior - Geological Survey, Reston, Va. - 1976 - G1413
 Editions prior to 1976 published as Chart 5077E by the Coast and Geodetic Survey, Environmental Science Services Administration, U.S. Department of Commerce

MAGNETIC TOTAL INTENSITY IN THE UNITED STATES-EPOCH 1975.0

By
 Eugene B. Fabiano, Norman W. Peddie and William J. Jones
 1976

MAGNETIC TOTAL INTENSITY
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G1413 doc 24