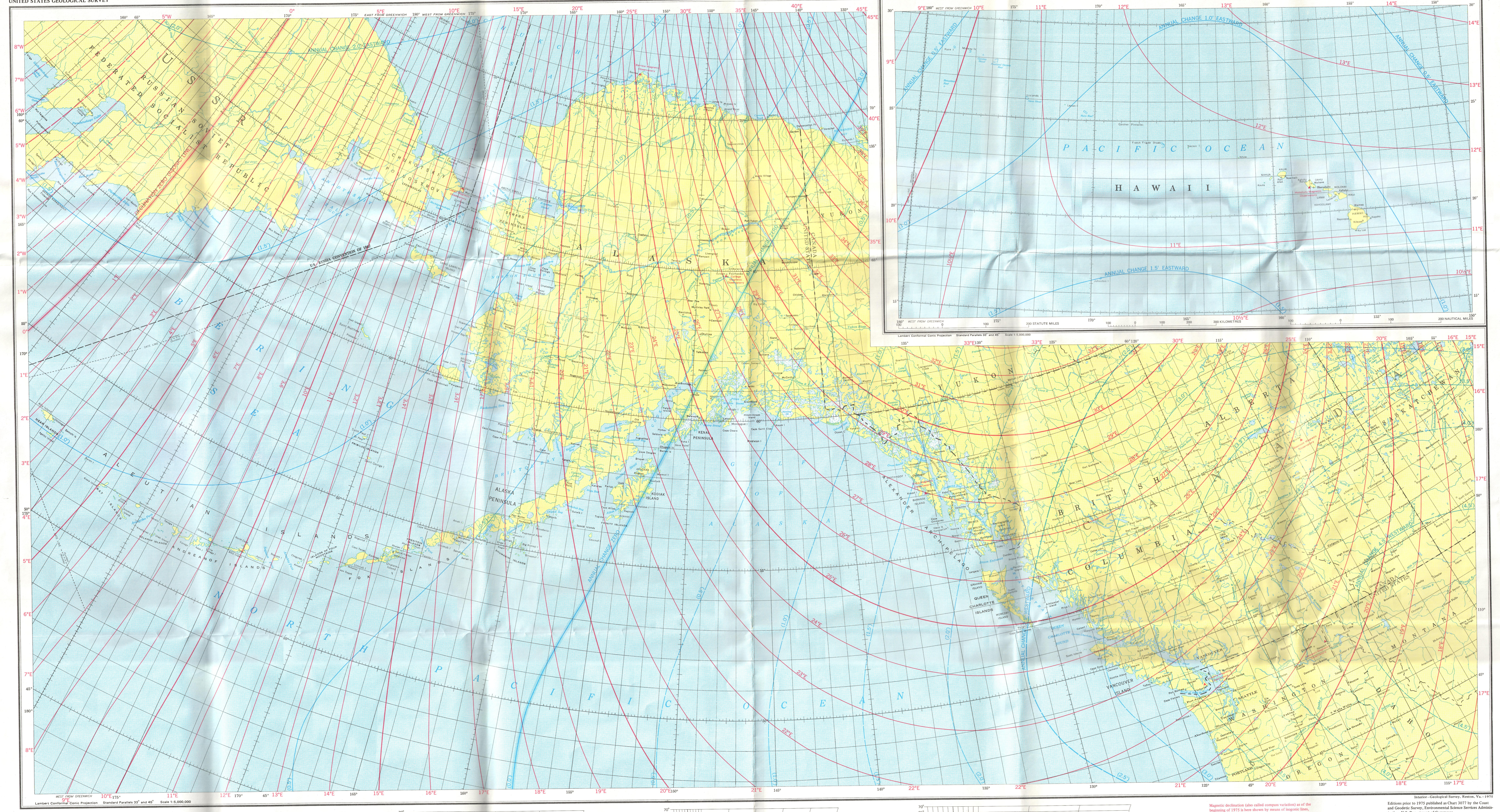


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MAGNETIC DECLINATION
UNITED STATES-1975.0
MAP 1-911

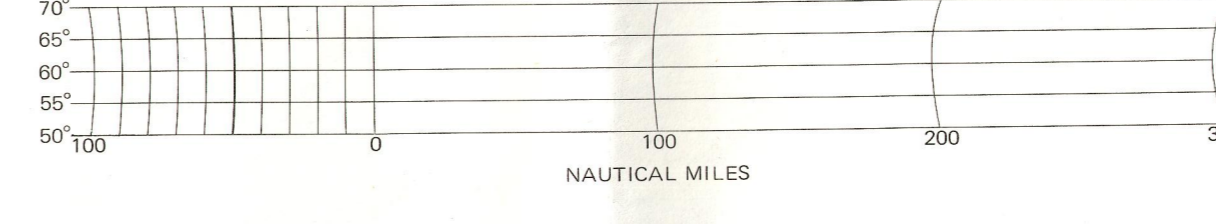
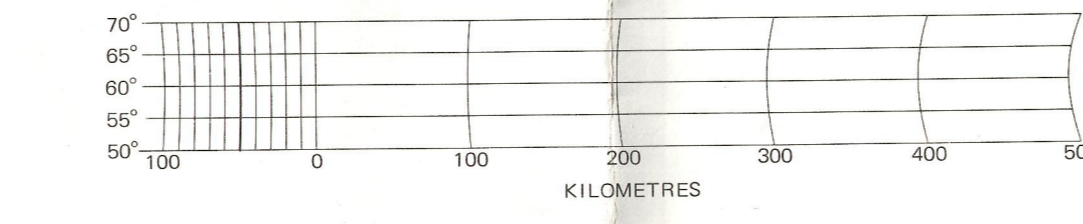
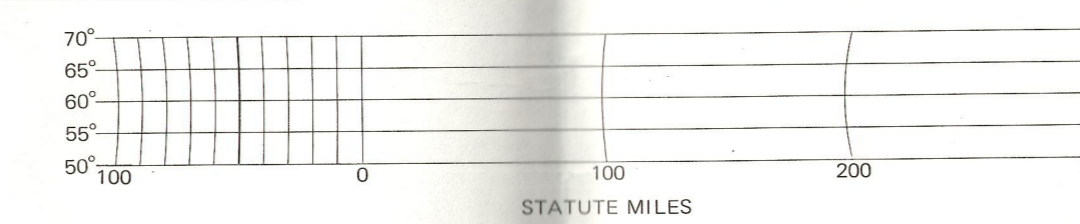
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Prepared in cooperation with the
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



Base from Coast and Geodetic Survey, Environmental Science Service Administration, U.S. Department of Commerce, 1965, revised 1970.
 Carolyn M. Fisher gave valuable assistance in several areas requiring computer usage. The plotting programs were adapted from a version originally designed by Norman W. Pridler.
 Hiram A. Heronimus and Roy L. Boardman assisted in processing data and preparing the final manuscript. Richard C. Gans and Donald M. Campbell provided the results obtained from the magnetic repeat stations. Orl B. Watford of NOAA prepared the data file.

The south end of the compass needle is pointing eastward over the area of greatest annual change and westward elsewhere with the rate of an annual rate indicated by the isogonic lines, the lines of equal annual change. Solid lines indicate eastward change, dashed lines westward change. Regional magnetic observations (AS).



Magnetic declination (also called compass variation) as of the beginning of 1975 is here shown by means of isogonic lines, which are defined as lines of equal declination. The lines in the land areas of Alaska were derived from a total magnetic survey using precision-grade values of declination from each one-degree quadrant. The lines are solid in the area where the compass points east of true north and dashed in the area where it points west of true north.
 Note: Map holders used in the Canadian area, the isogonic lines agree with the lines of the World Chart of Magnetic Variation, Epoch 1975.0, published by the U.S. Naval Observatory's Office in collaboration with the U.S. Geological Survey. Elsewhere on the map the lines exhibit somewhat greater detail than those on the world charts; they are, however, drawn to show a relatively smooth distribution.

Revised from 1975 published as Chart 5077 by the Coast and Geodetic Survey, Environmental Science Service Administration, U.S. Department of Commerce.

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MAGNETIC DECLINATION
UNITED STATES-1975.0
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MAGNETIC DECLINATION IN THE UNITED STATES—EPOCH 1975.0

By
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1975