



Base from Coast and Geodetic Survey, Environmental Science Service Administration, U.S. Department of Commerce, 1965, revised 1970.  
Causis M. Fiske gave valuable assistance in several areas requiring computer usage. The plotting programs were adapted from a version originally developed by Norman W. Pottle.  
Elsie A. Hornstein and Roy L. Beardman assisted in processing data and preparing the final manuscript. Richard G. Green and Donald M. Campbell prepared the results obtained from the magnetic repeat stations. Ole B. Waaland of NOAA prepared the data file.

Blue lines indicate annual change in horizontal intensity. Solid lines show increasing intensity, dashed lines decreasing intensity. The lines were derived from an analysis of the rate of annual change in magnetic intensity observations. It is important to note that because of the irregularity of annual change, the actual rate of change may vary considerably within a few years of the epoch date (1975.0) of the map.

70°  
60°  
50°  
40°  
30°  
20°  
10°  
0°  
100 200 300  
STATUTE MILES

70°  
60°  
50°  
40°  
30°  
20°  
10°  
0°  
100 200 300  
KILOMETRES

70°  
60°  
50°  
40°  
30°  
20°  
10°  
0°  
100 200 300  
NAUTICAL MILES

Red lines denote horizontal intensity of the magnetic field in geoelectric (CGS) units, 1975.0. The lines were derived by least-squares adjustment to measurements made up to 1974 and were corrected for secular change.  
The annual discontinuities, the isointensity lines have been adjusted over the map borders to conform with Chart 25, the World Chart of Horizontal Intensity of the Earth's Magnetic Field, published by the Defense Mapping Agency (Photographic Center, Washington, D.C., in collaboration with the U.S. Geological Survey).

Revised prior to 1976 published as Chart 2077b by the Coast and Geodetic Survey, Environmental Science Service Administration, U.S. Department of Commerce.

MAGNETIC HORIZONTAL INTENSITY IN THE UNITED STATES-EPOCH 1975.0

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