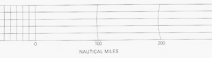
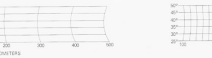
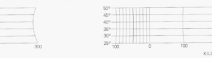


USGS Geodetic Center, Reston, VA 20192

DECLINATION
Magnetic declination (also called compass variation) is the angle between true north and the direction in which the magnetic component of the Earth's magnetic field points. The value of the declination at any point is indicated by the letter 'D' followed by the declination value in degrees, minutes, and seconds. The declination value is positive if the magnetic field points east of true north and negative if it points west of true north.

The magnetic field is based on a set of the magnetic poles that are determined by least squares using ground measurements of declination.

The scale numbers in RED indicate the location and magnitude of known declination anomalies. They are shown when the actual declination differs significantly from the predicted value. The red numbers are shown in red on the map and are not shown on the map when the declination is within 10 minutes of the predicted value.



ANNUAL CHANGE
The annual change of magnetic declination at the beginning of 1980 is indicated by the letter 'A' followed by the annual change in minutes. The letter 'A' is followed by the annual change in minutes, and the letter 'D' is followed by the declination value in degrees, minutes, and seconds. The annual change is positive if the declination is increasing and negative if it is decreasing.

MAGNETIC DECLINATION IN THE UNITED STATES—EPOCH 1980

By
E. B. Fabiano and N. W. Peddie

MAGNETIC DECLINATION
UNITED STATES—1980
MAP 1-1283

CANADA
The magnetic declination in Canada was determined by the Canadian Coast and Geodetic Survey. The declination values are shown in red on the map and are not shown on the map when the declination is within 10 minutes of the predicted value.

Magnetic Declination In The United States - Epoch, 1980
E. B. Fabiano and N. W. Peddie, *Magnetic Declination United States-1980* (Reston, VA: U.S.G.S., 1980)
Downloaded from *Maps ETC*, on the web at <http://etc.usf.edu/maps> [map #f3541]