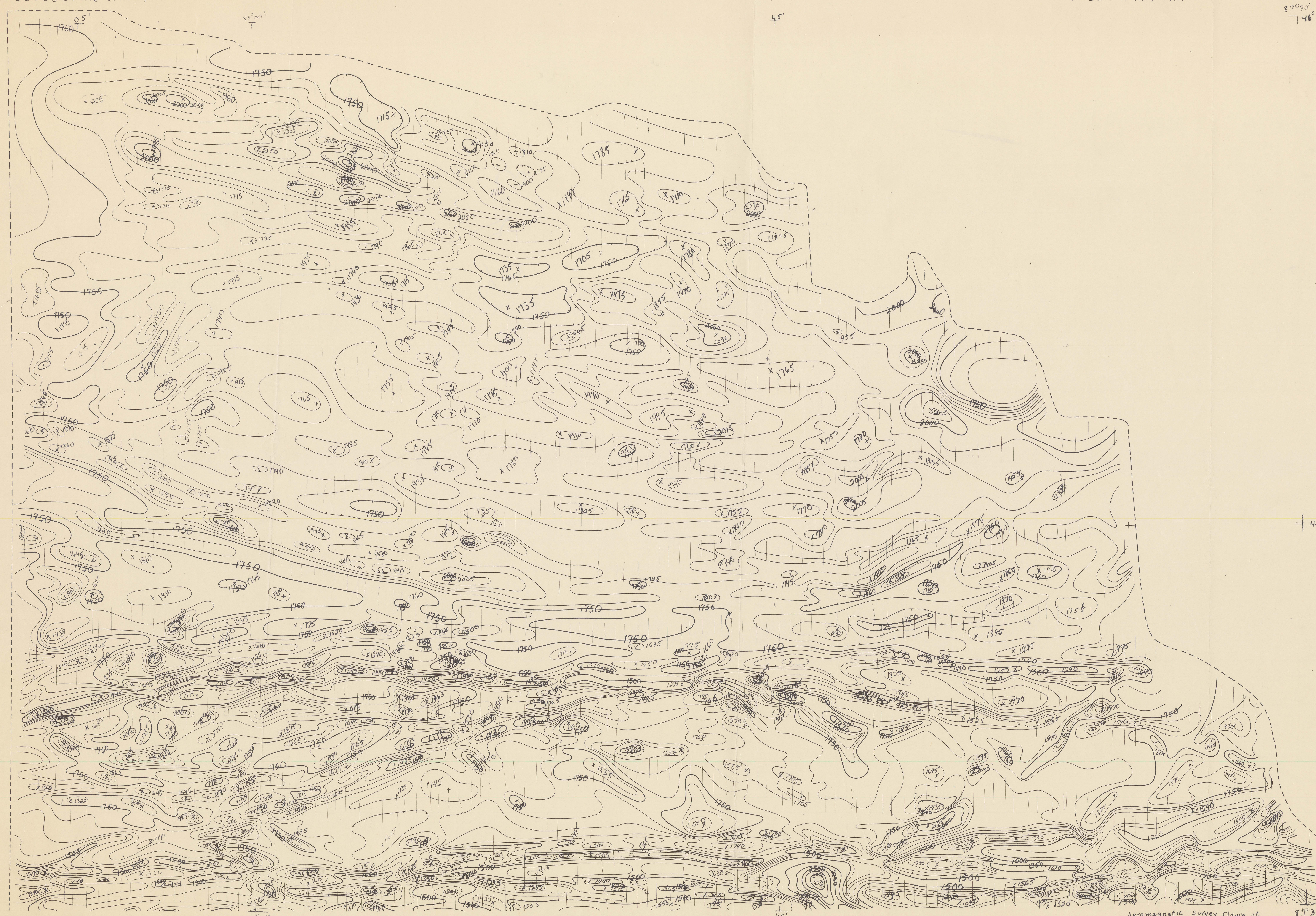
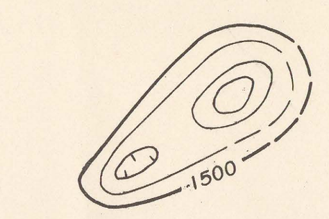
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
PRELIMINARY MAP



Aeromagnetic survey flown at 500 feet above ground, 1950

EXPLANATION



Magnetic contours showing total intensity magnetic field of the earth in gammas relative to arbitrary datum

Hachured to indicate closed areas of lower magnetic intensity; dashed where data are incomplete

x 3880

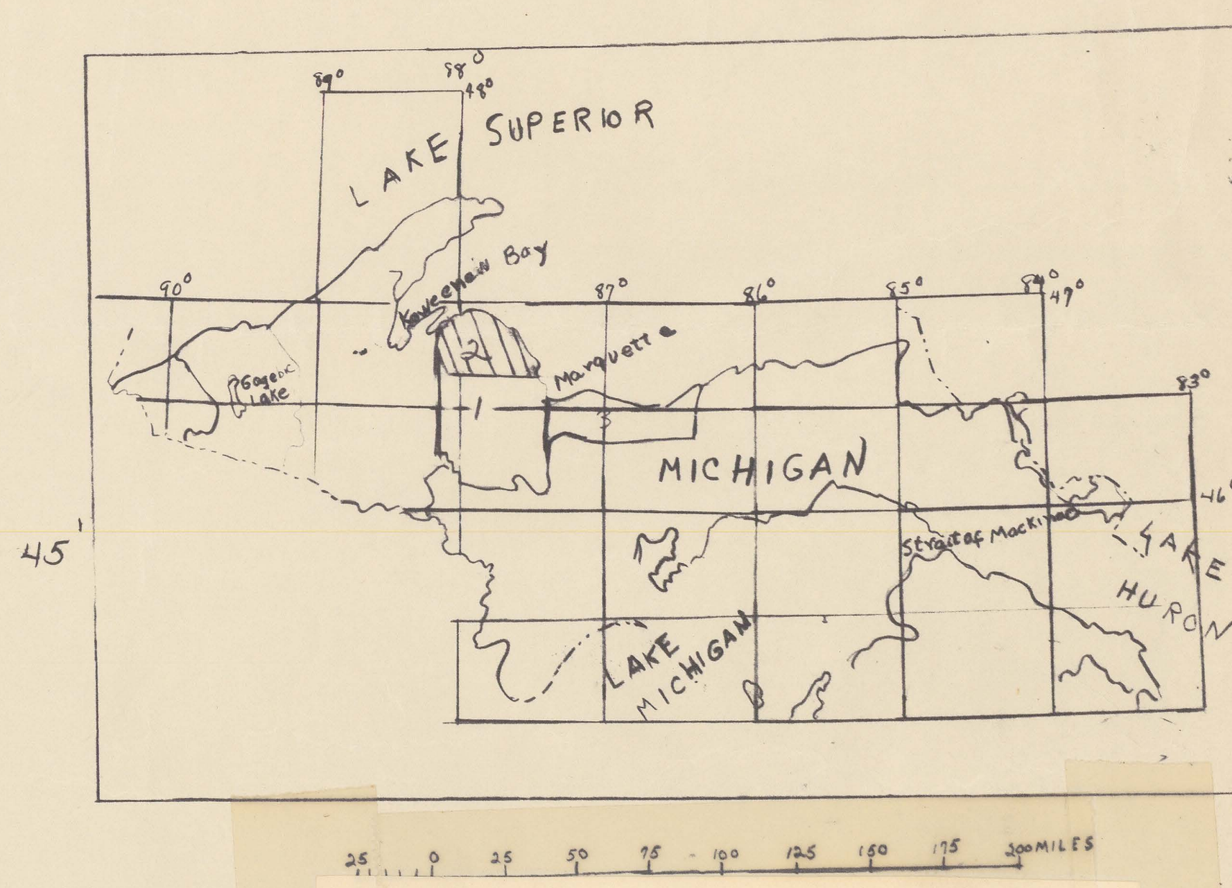
Measured maximum or minimum intensity within closed high or closed low

Flight path

Showing location and spacing of data

NOTE

Aeromagnetic data are obtained and compiled along a continuous line, whereas ground magnetic surveys are made at separate points. Errors within the normal limits of any magnetic measurement may cause slight discrepancies between flight lines in an aeromagnetic map, which would be more obvious than similar discrepancies between points in a ground magnetic map. For this reason as much care should be exercised in evaluating magnetic features that appear as elongations along a single aeromagnetic traverse as in interpreting an anomaly indicated by a single ground station



Index map of northern Michigan showing area covered by the three sheets of this open file map.

This map is preliminary and has not been edited or reviewed for conformity to Geological Survey standards.

Base map from U.S. Geological Survey topographic quadrangles: Skanee (1954), Huron Mountain (1954), Big Bay (1954), Michigamme (1956), Champion (1955) Negaunee (1954) and Marquette (1954).

AEROMAGNETIC MAP OF PARTS OF MARQUETTE, DICKINSON, BARAGA, ALGER AND SCHOOLCRAFT COUNTIES, MICHIGAN

BY

J.R. Balsley and F.A. Petrafeso

SCALE 1:62500

2 1 ½ 0 1 2 MILES

CONTOUR INTERVALS 50, 250 AND 500 GAMMAS

1963

MAGNETIC NORTH / TRUE NORTH 0°30'

~~SHEET 2 of 3~~