



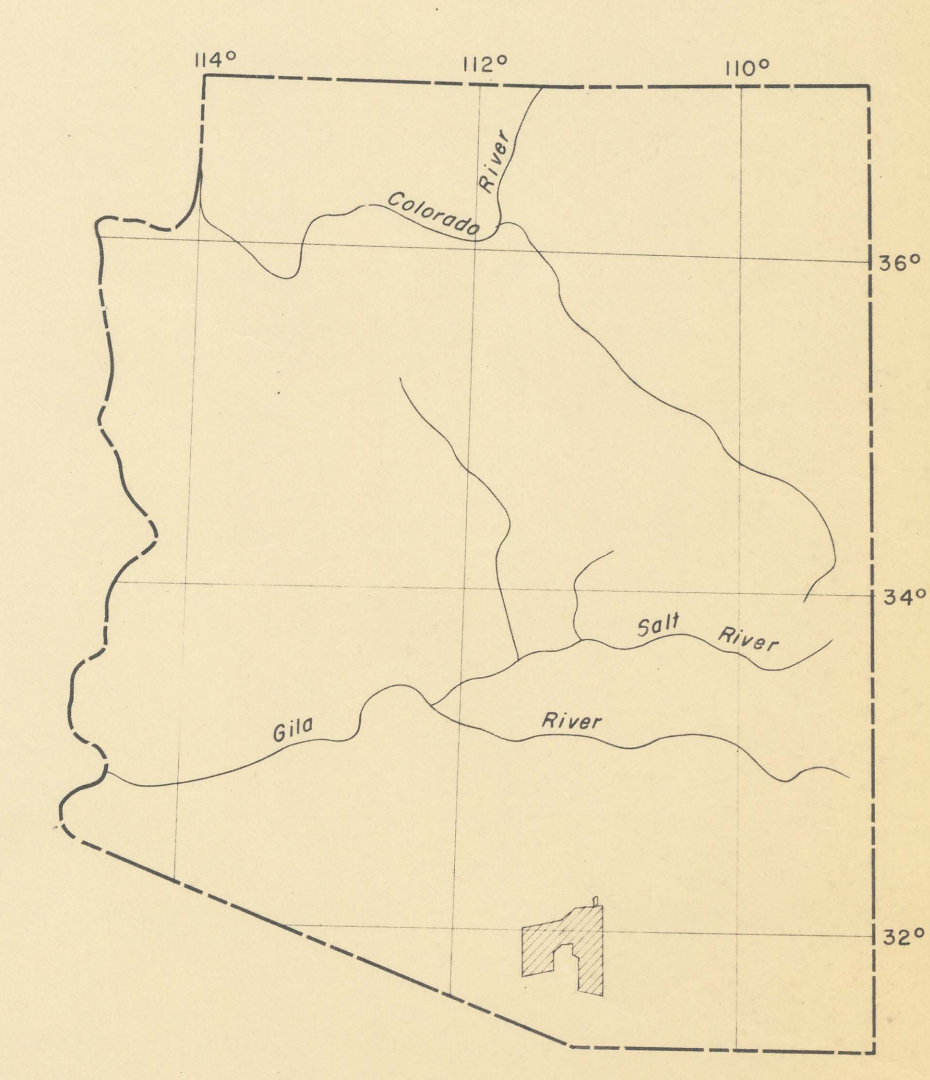
EXPLANATION

Magnetic contours
Showing total intensity of the earth's magnetic field in gammas, relative to arbitrary datum; hachured to indicate closed areas of lower magnetic intensity; dashed where data are incomplete

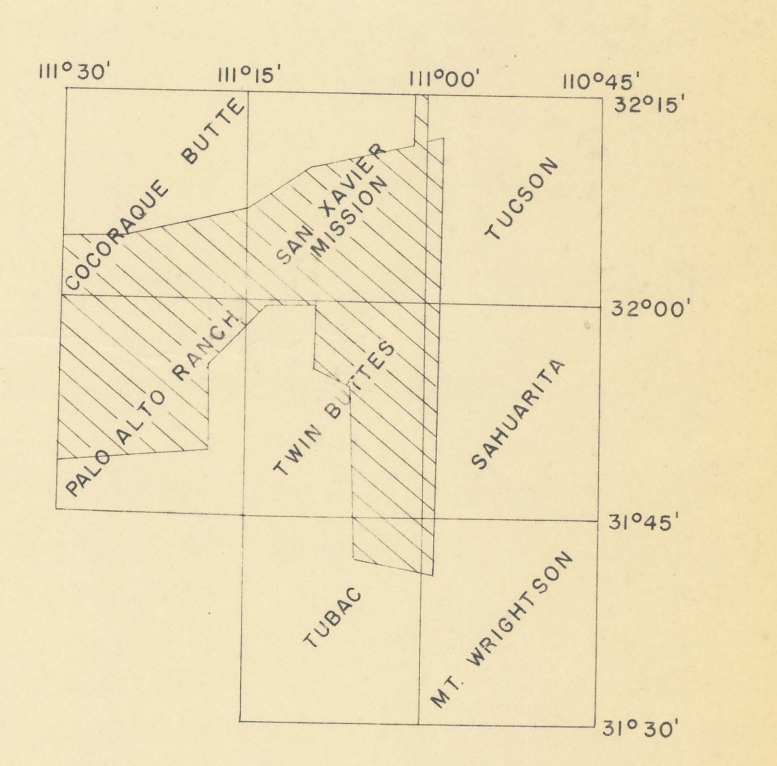
Measured maximum or minimum intensity within closed high or closed low

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 ARIZONA SHOWING LOCATION OF AEROMAGNETIC SURVEY MADE AT 4000 FEET BAROMETRIC ELEVATION, 1959



INDEX MAP SHOWING U.S. GEOLOGICAL SURVEY TOPOGRAPHIC QUADRANGLE MAPS USED AS COMPILATION BASE

AEROMAGNETIC MAP OF THE TWIN BUTTES AREA, PIMA AND SANTA CRUZ COUNTIES, ARIZONA - FLOWN AT 4,000 FEET BAROMETRIC ELEVATION

By
Gordon E. Andreasen and James A. Pitkin
Scale 1:62,500
Contour intervals 20 and 100 gammas
1962

Arizona (Twin Buttes area). Aeromagnetic. 1:62,500. 1962 A.