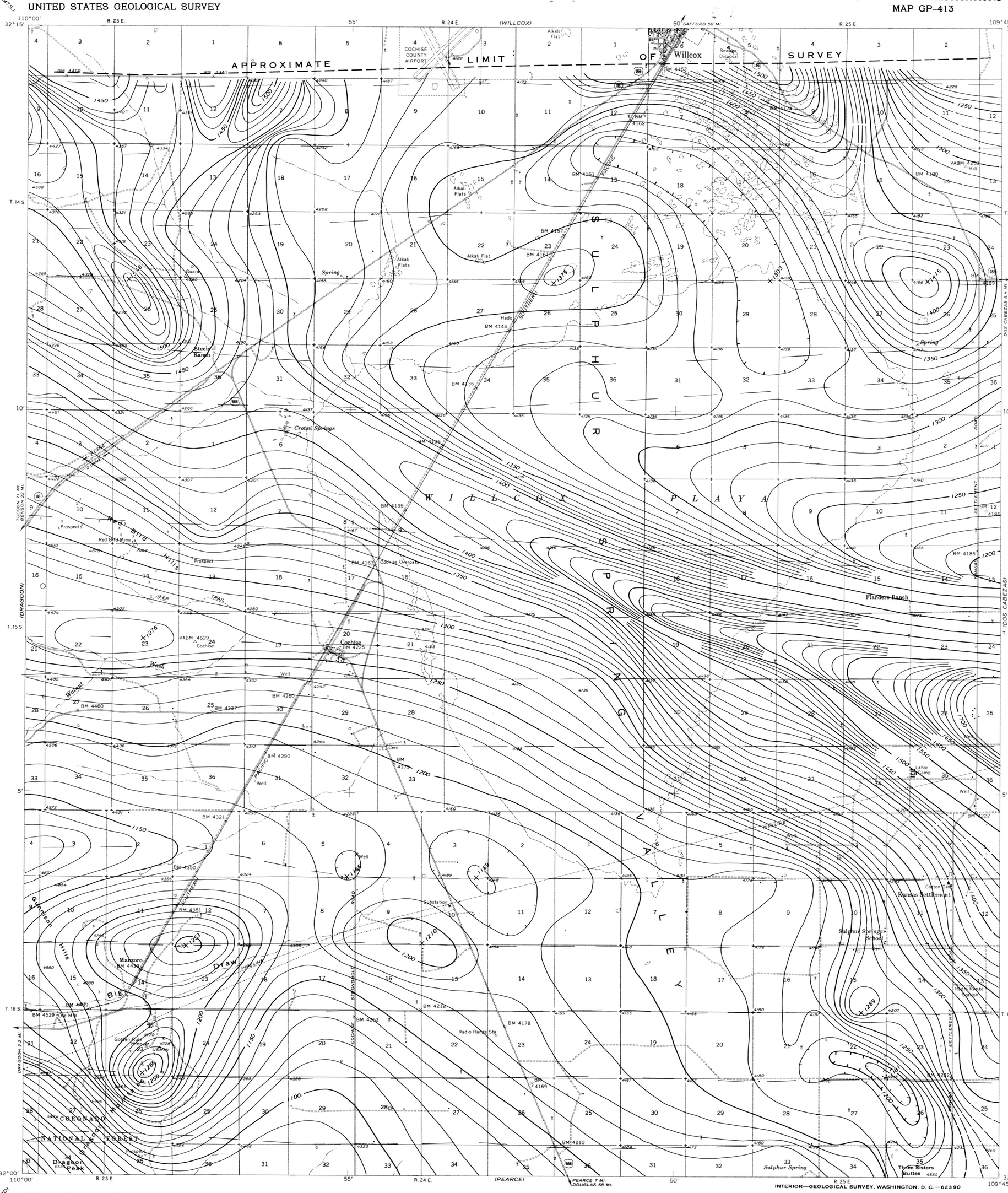
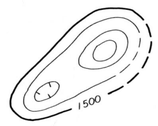
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
MAP GP-413



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

+1375

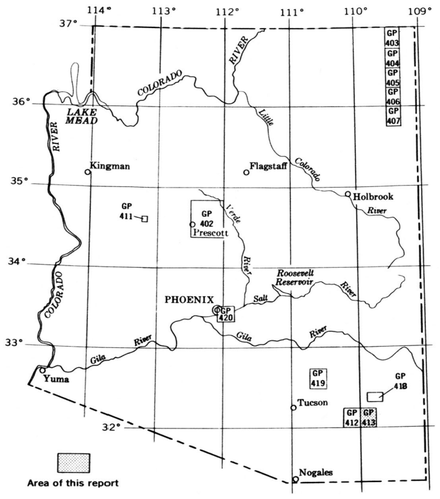
Measured maximum or minimum intensity within closed high or closed low

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 AEROMAGNETIC MAPS PUBLISHED BY THE U.S. GEOLOGICAL SURVEY

Base map by Topographic Division, U.S. Geological Survey, 1958

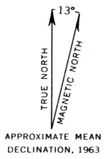
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—62390

Aeromagnetic survey flown at 500 feet above ground, 1947

AEROMAGNETIC MAP OF THE COCHISE QUADRANGLE
COCHISE COUNTY, ARIZONA

By

W. J. Dempsey, W. D. Fackler, and others



APPROXIMATE MEAN DECLINATION, 1963

SCALE 1:62 500

1 ½ 0 1 2 3 MILES

1 .5 0 1 2 3 KILOMETERS

CONTOUR INTERVAL 10 GAMMAS

1963

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For sale by U.S. Geological Survey, price 50 cents