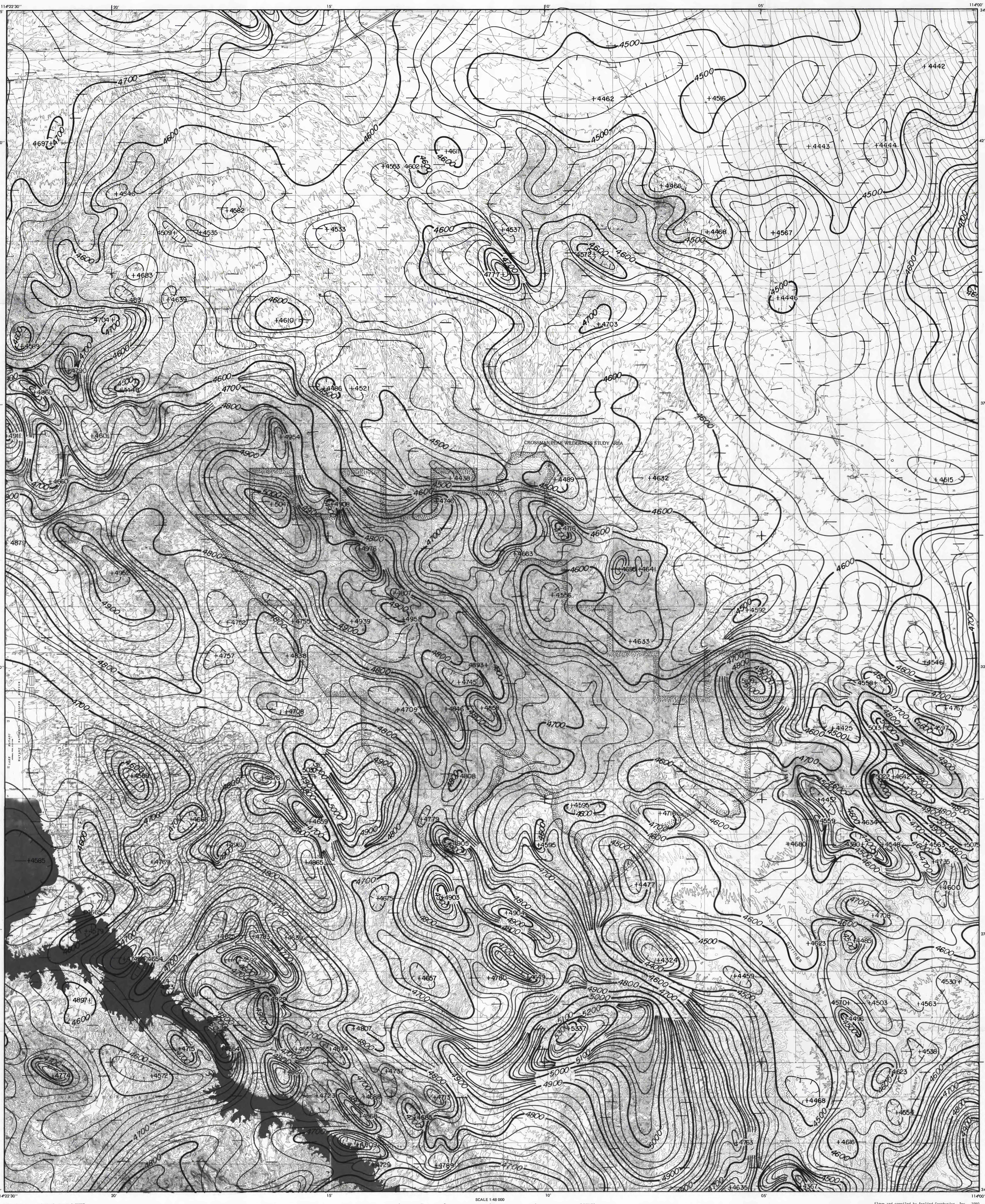

Base from U.S. Geological Survey 1:62500: Parker Dam, 1959. 1:24000: Standard Wash, 1959; Buck Mountains, Buck Mountains NE, Buck Mountains SE, Crossman Peak, Franconia, Lake Havasu City North, 1970; Lake Havasu City South, 1975

Flown and compiled by Applied Geophysics, Inc., 1980

TRUE NORTH
MAGNETIC NORTH
13½°
APPROXIMATE MEAN DECLINATION, 1986

SCALE 1:48 000
1 ½ 0 1 2 3 MILES
1 .5 0 1 2 3 4 5 KILOMETERS
CONTOUR INTERVAL 40 AND 80 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ARIZONA
AREA OF MAP

EXPLANATION

4600 — MAGNETIC CONTOURS--Showing total magnetic field of the earth in gammas. Hachures indicate closed areas of lower magnetic intensity. Contour interval 20 and 100 gammas

+ 4835 — MAXIMUM OR MINIMUM INTENSITY--Measured within closed high or closed low

FLIGHT PATH--Showing location of airplane traverse

SURVEY SPECIFICATIONS

Flown with Geometrics proton precession magnetometer model G803

Sensitivity = ± 1.0 gamma.

Flight elevation = 1,000 ft above terrain.

Flightlines flown east-west, 0.5 mi apart.

Corrected for IGRF 1975 updated to date flown (March 1980).

5,000 gammas added to data after removal of IGRF.

AEROMAGNETIC MAP

AEROMAGNETIC AND ISOSTATIC GRAVITY MAPS OF THE CROSSMAN PEAK WILDERNESS STUDY AREA. MOHAVE COUNTY, ARIZONA

By
Robert W. Simpson, Thomas B. Gage, and Robert E. Bracken

1986

Explanatory pamphlet accompanies map

Interior—Geological Survey, Reston, Va.—1986

For sale by U.S. Geological Survey, Map Distribution, Box 25286, Federal Center, Denver, CO 80225