DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT
83-55
SHEET 7 OF 7

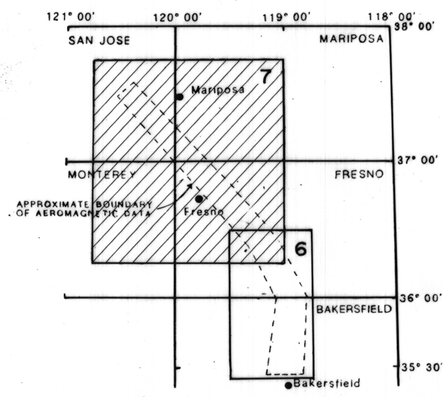
AEROMAGNETIC MAP OF THE SOUTHERN AND CENTRAL SIERRA NEVADA FOOTHILLS AND ADJACENT SAN JOAQUIN VALLEY, CALIFORNIA

By
U.S. Geological Survey
1983

AEROMAGNETIC ANOMALY CONTOUR INTERVALS 50 AND 250 GAMMAS

SCALE 1:250 000

5 0 5 10 15 MILES
5 0 5 10 15 KILOMETERS



Index map of two aeromagnetic sheets showing names of 1 x 2 degree quadrangles.

APPROXIMATE MEAN DECLINATION 1981

Base from U.S. Geological Survey quadrangles. Transverse mercator projection.

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards.

Aeromagnetic intensity data flown by Geodata International, Inc., in 1981 and compiled by the U.S. Geological Survey, 1982.

EXPLANATION

MAGNETIC CONTOURS

Show residual total intensity magnetic field of the Earth (in gammas) at a flight altitude of approximately 300 m above ground level. Contour intervals 50 and 250 gammas. Flight lines are approximately N50°E or east-west and about 0.8 km apart. Hachures indicate closed magnetic lows. A regional IGRF 1975 of about 5 gammas/km north and 2 gammas/km east was removed by Geodata International, Inc.