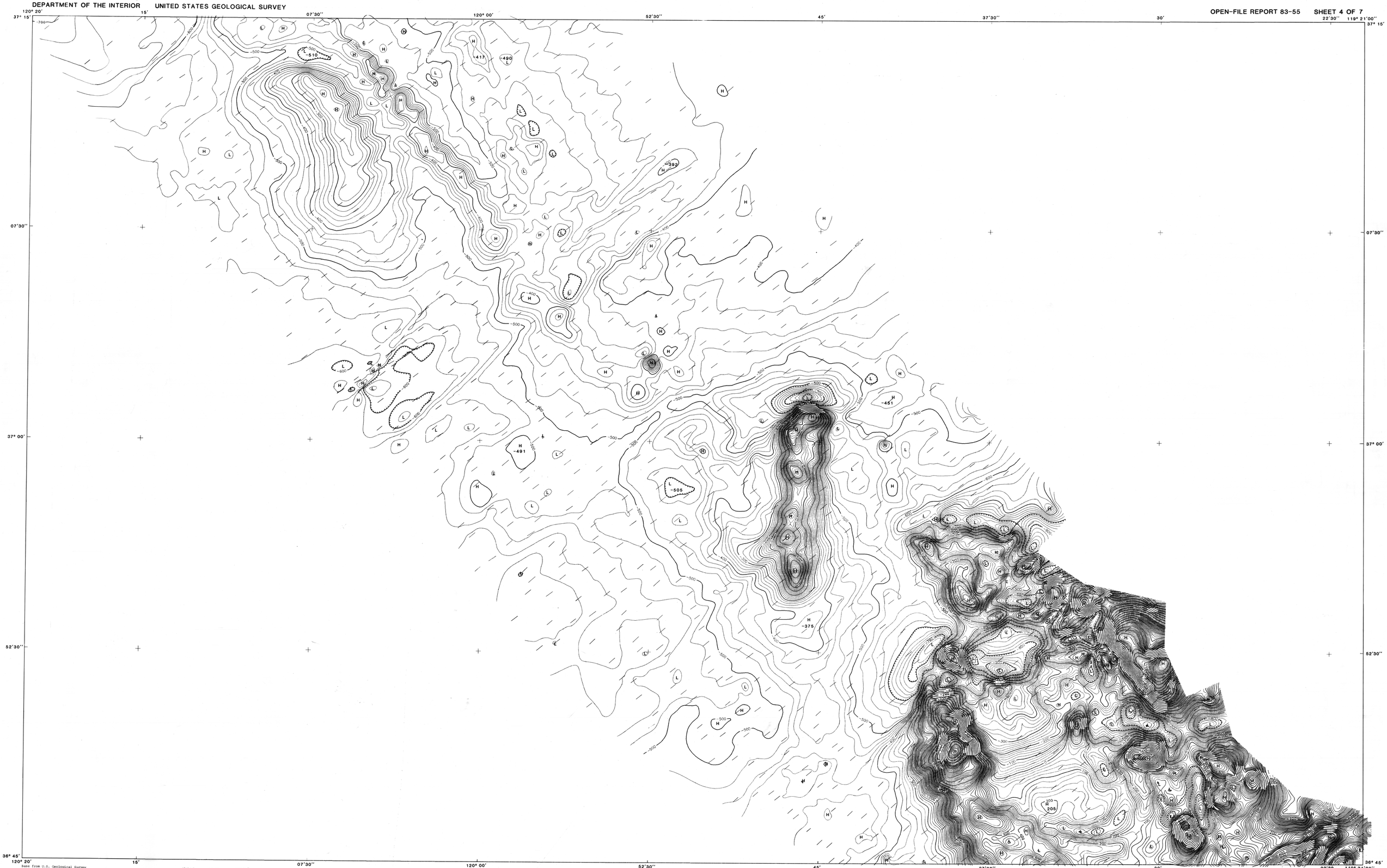
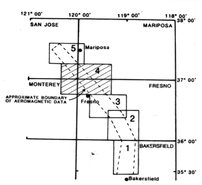


Base from U.S. Geological Survey 15- and 7½-minute quadrangles. Polyconic projection



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

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1981

SCALE 1:62 500

AEROMAGNETIC ANOMALY CONTOUR INTERVALS 20 AND 100 GAMMAS

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

By

U.S. Geological Survey

1983

EXPLANATION

MAGNETIC CONTOURS

Show residual total intensity magnetic field of the Earth (in gammas) at a flight altitude of approximately 305 m above ground level. Contour intervals 20 and 100 gammas. Flight lines are approximately N50°W or east-west and about 3.8 km apart. Magnetic highs are marked by an "H" and maximum values are sometimes shown. Lows are marked by an "L", minimum values are sometimes shown, and the closed 100 gamma (bold) contours are hachured. A regional IGRF 1975 of about 5 gammas/km north and 2 gammas/km east was removed by Geodata International, Inc.

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

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