

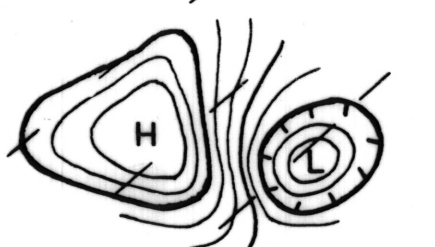
**AEROMAGNETIC MAP OF THE SOUTHERN AND CENTRAL SIERRA NEVADA FOOTHILLS  
AND ADJACENT SAN JOAQUIN VALLEY, CALIFORNIA**

By  
U.S. Geological Survey  
1983

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 20 and 100 gammas. Flight lines are approximately 850°E or east-west and about 0.8 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 TGP 1975 of about 5 gammas/km north and 2 gammas/km east was removed by Geodata International, Inc.