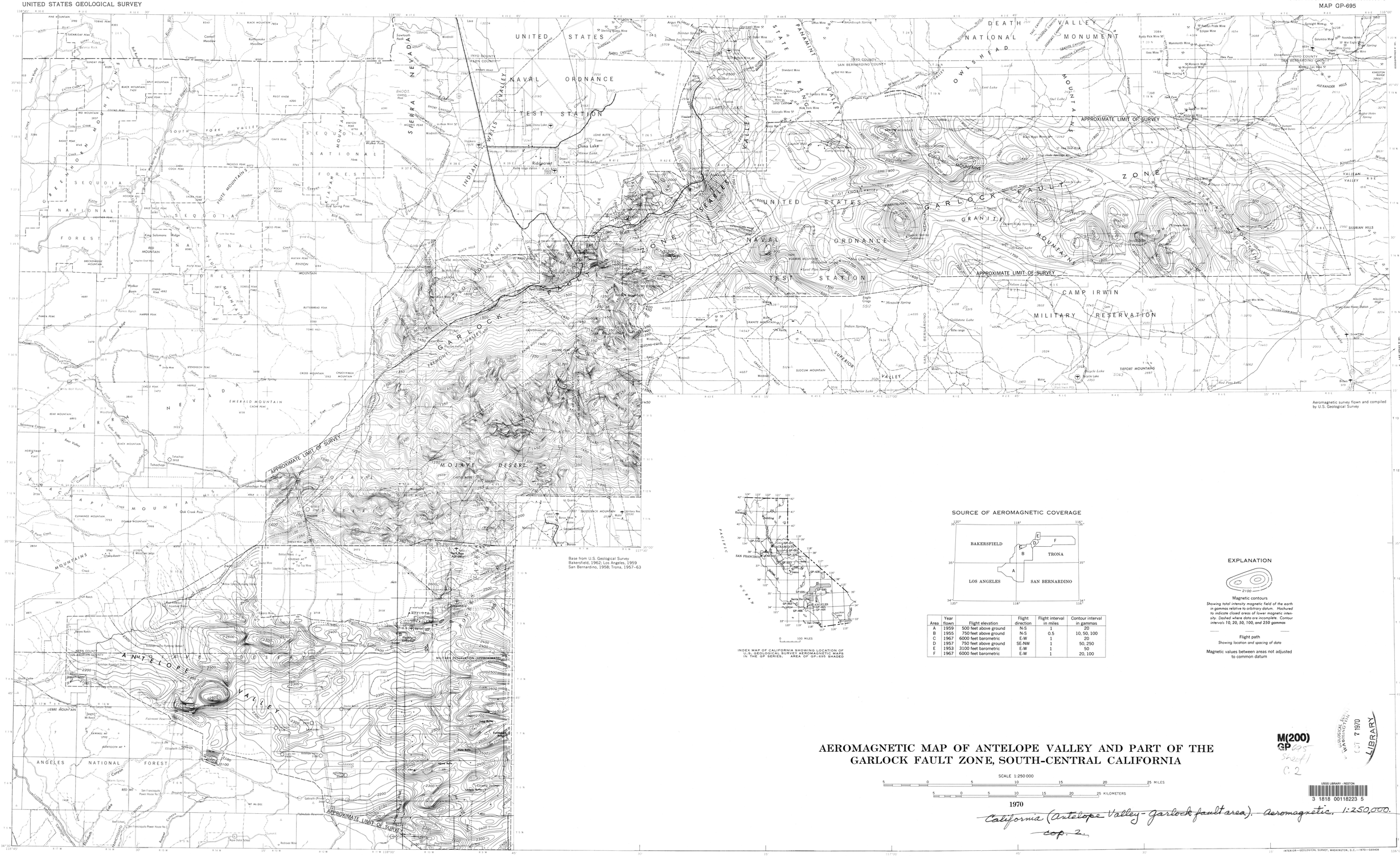
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

GEOPHYSICAL INVESTIGATIONS
MAP GP-695



Aeromagnetic survey flown and compiled by U.S. Geological Survey

Base from U.S. Geological Survey
Bakersfield, 1962; Los Angeles, 1959
San Bernardino, 1958; Trona, 1957–63

INDEX MAP OF CALIFORNIA SHOWING LOCATION OF U.S. GEOLOGICAL SURVEY AEROMAGNETIC MAPS IN THE GP SERIES. AREA OF GP-695 SHADED

SOURCE OF AEROMAGNETIC COVERAGE

Area	Year flown	Flight elevation	Flight direction	Flight interval in miles	Contour interval in gammas
A	1959	500 feet above ground	N-S	1	20
B	1955	750 feet above ground	N-S	0.5	10, 50, 100
C	1967	6000 feet barometric	E-W	1	20
D	1957	750 feet above ground	SE-NW	1	50, 250
E	1953	3100 feet barometric	E-W	1	50
F	1967	6000 feet barometric	E-W	1	20, 100

EXPLANATION

2100

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. Contour intervals 10, 20, 50, 100, and 250 gammas

Flight path
Showing location and spacing of data

Magnetic values between areas not adjusted to common datum

AEROMAGNETIC MAP OF ANTELOPE VALLEY AND PART OF THE GARLOCK FAULT ZONE, SOUTH-CENTRAL CALIFORNIA

SCALE 1:250 000

5 0 5 10 15 20 25 MILES

5 0 5 10 15 20 25 KILOMETERS

1970

M(200)
GP 695
Sheet 1
C. 2

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California (Antelope Valley-Garlock fault area). Aeromagnetic. 1:250,000. 1970.
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