EXPLANATION

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

$+_{-1028}$

Gravity station and complete Bouguer anomaly value to 0.1 mGal without decimal point. Some gravity stations and values are not shown to improve clarity. All gravity data were reduced for a density of 2.67 g/cm³ using the International Gravity Formula of 1930 (Swick, 1942, p. 61) and referenced to the gravity datum of Woollard and Rose (1963). Terrain corrections for all stations extend to a radius of 166.7 km. Principal facts for all 4,915 gravity stations are available (Tang and Ponce, 1982).

Complete Bouguer anomaly contours, dashed or queried in areas of poor control. Contour intervals 5 and 25 mGals. A "+" indicates closed gravity high, "−" indicates closed gravity low. Hachures shown on all closed lows.

-50
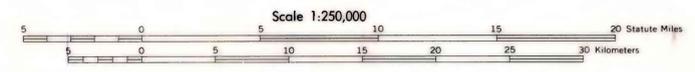
Scale 1:250,000

CONTOUR INTERVAL 5 MGAL

PRELIMINARY BOUGUER GRAVITY MAP OF CALIFORNIA

SAN BERNARDINO SHEET

COMPILATION BY SHAWN BIEHLER, R. W. TANG. D. A. PONCE, AND H. W. OLIVER, 1983

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

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