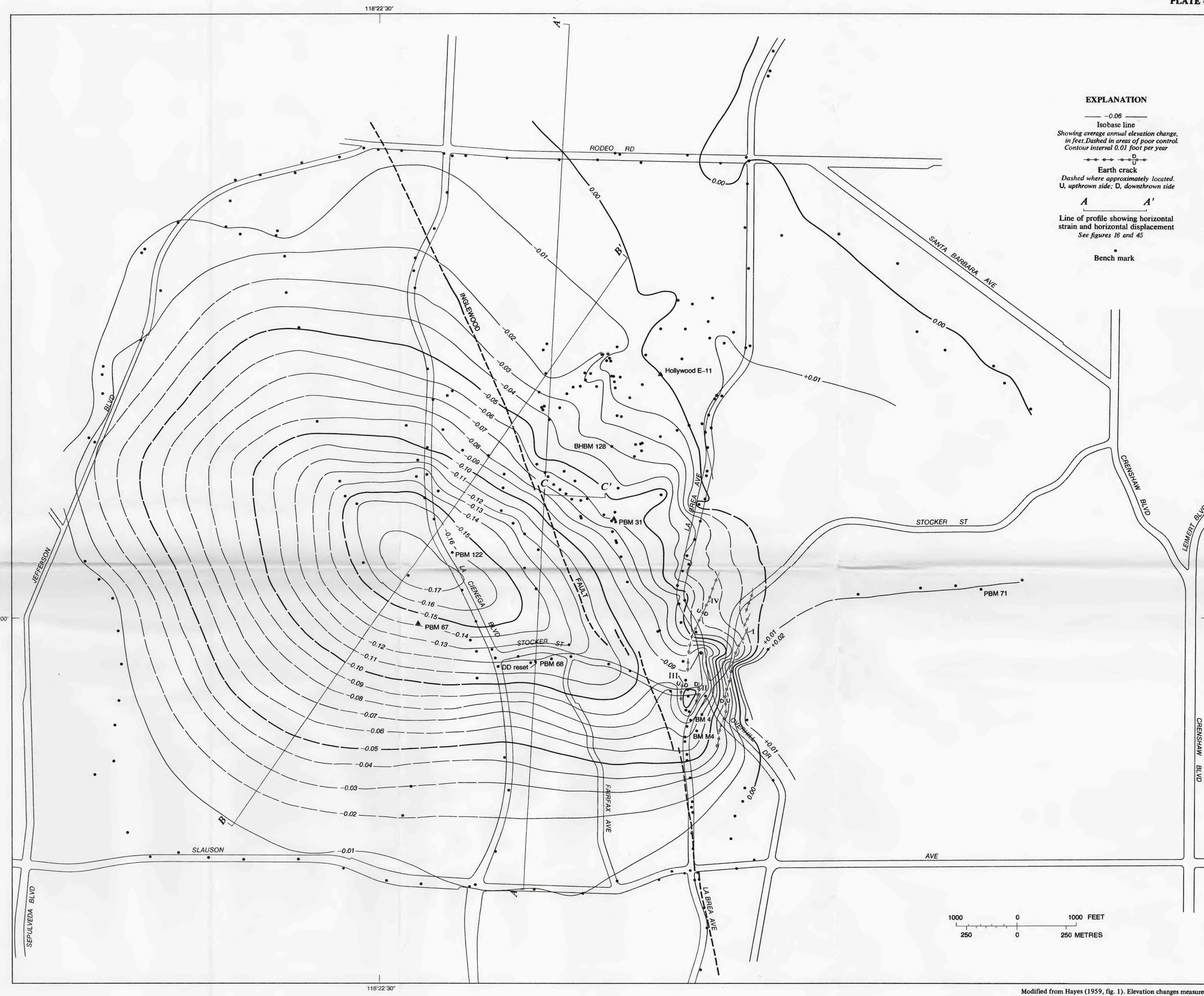
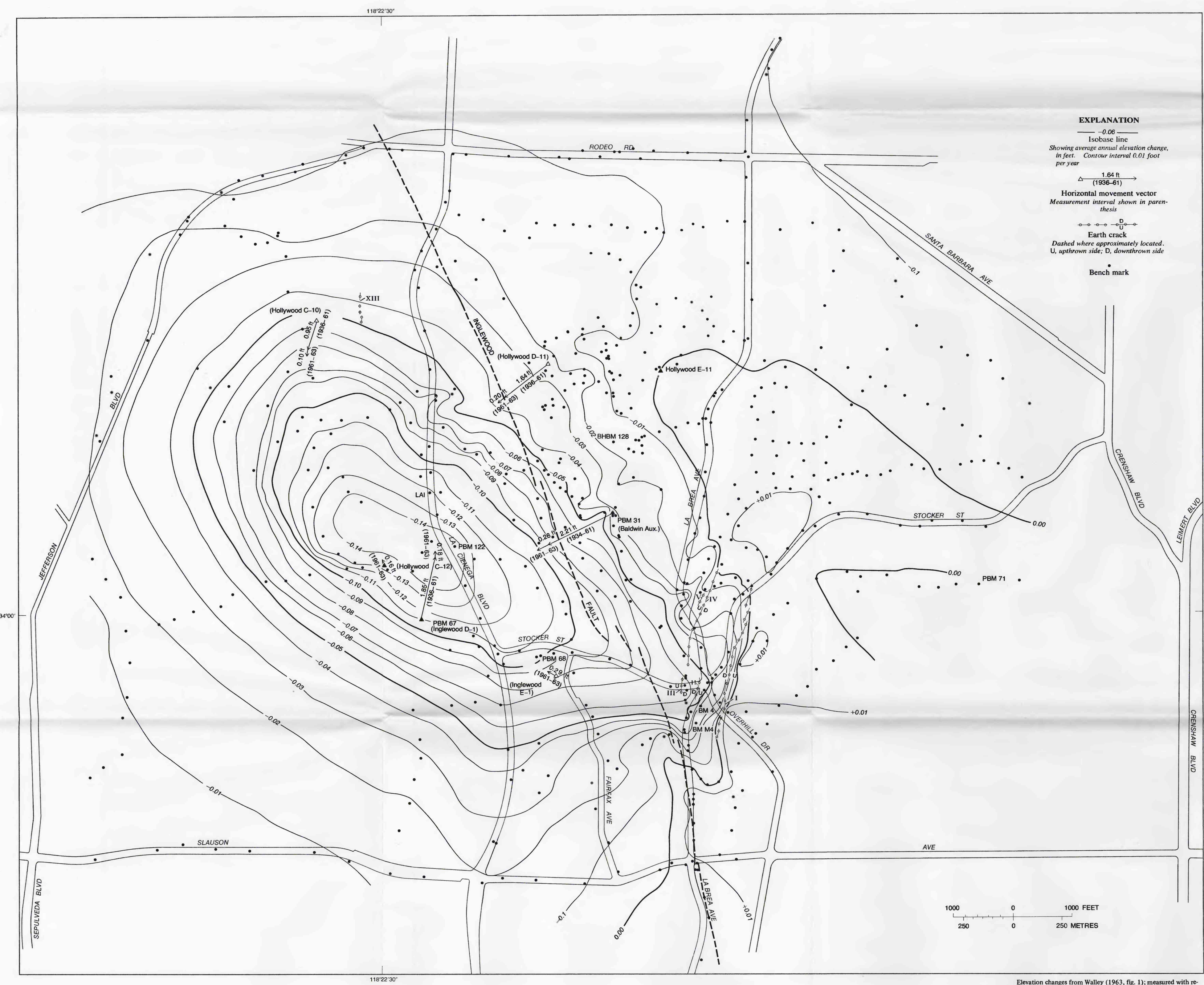




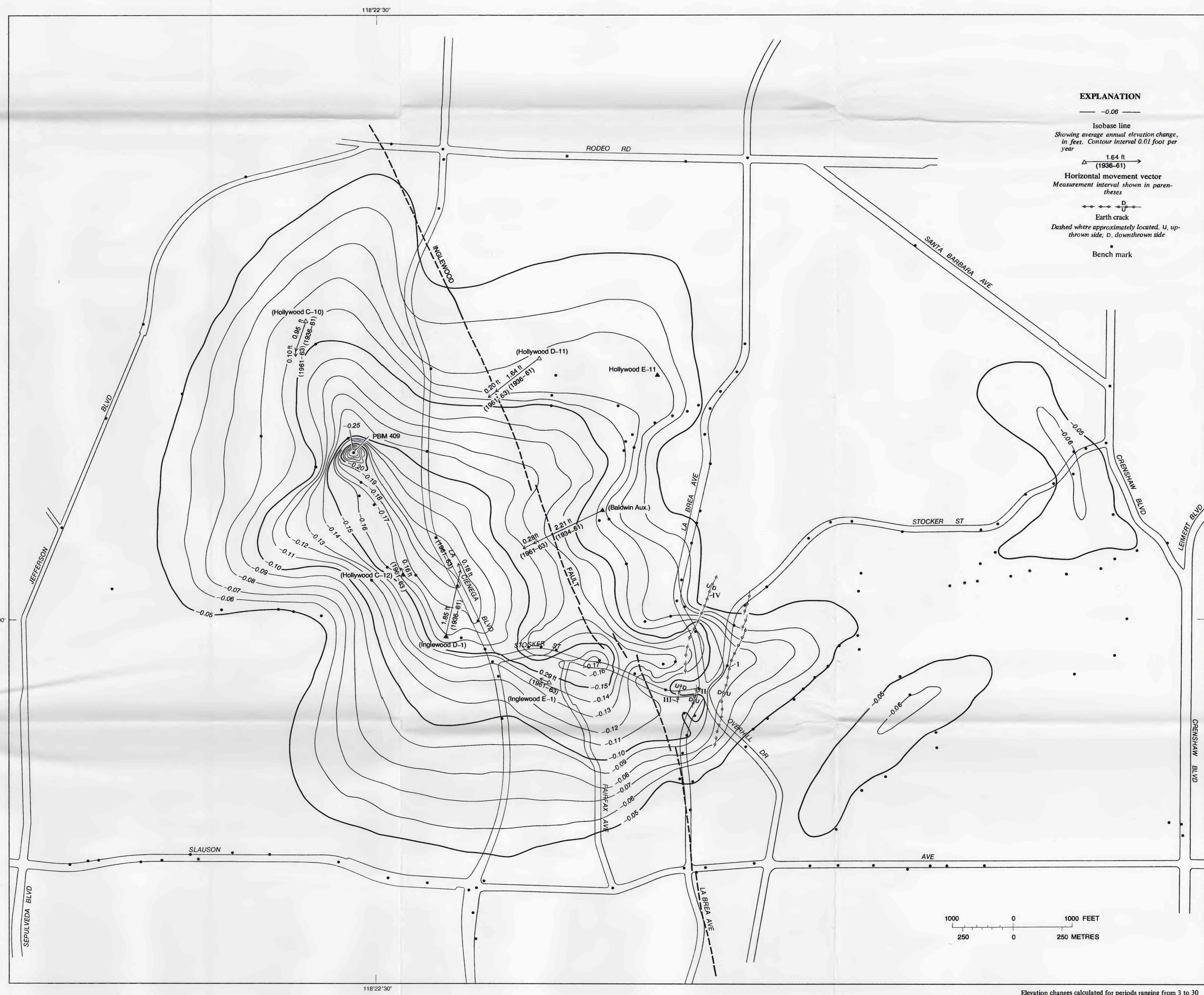
AVERAGE ANNUAL ELEVATION CHANGES, 1950-54



DISTRIBUTION OF EARTH CRACKS AS OF 1958, AND AVERAGE ANNUAL ELEVATION CHANGES, 1954-58



DISTRIBUTION OF EARTH CRACKS AS OF 1962, AVERAGE ANNUAL ELEVATION CHANGES, 1958-62, AND HORIZONTAL MOVEMENTS FOR VARIOUS PERIODS, 1934-63



DISTRIBUTION OF EARTH CRACKS AND AVERAGE ANNUAL ELEVATION CHANGES AS OF JUNE 1961, AND HORIZONTAL MOVEMENTS DURING VARIOUS PERIODS, 1934-63

Street locations from City of Los Angeles Bureau of Engineering, drainage map used by Department of Water and Power for presentation of leveling data.

Elevation changes from Waller (1963, fig. 1), measured with respect to bench mark Hollywood E-11. Isobase configuration based on approximately 20 percent more bench marks than were available for the period 1954-58 (see map above right). Horizontal movements from Los Angeles County, Dept. of County Engineer (1961b), Alexander (1962), Calif. Dept. Water Resources (1964, pl. 16), measured with respect to base line east of the Baldwin Hills.

Elevation changes calculated for periods ranging from 1 to 30 years; measured with respect to U.S. Coast and Geodetic Survey bench mark 7416-B-1929 San Pedro (see text) based on data compiled by Los Angeles County, Dept. of County Engineer (1961a). Horizontal movements from Los Angeles County, Dept. of County Engineer (1961b); Alexander (1962); Calif. Dept. Water Resources (1964, pl. 16); measured with respect to base line east of the Baldwin Hills.