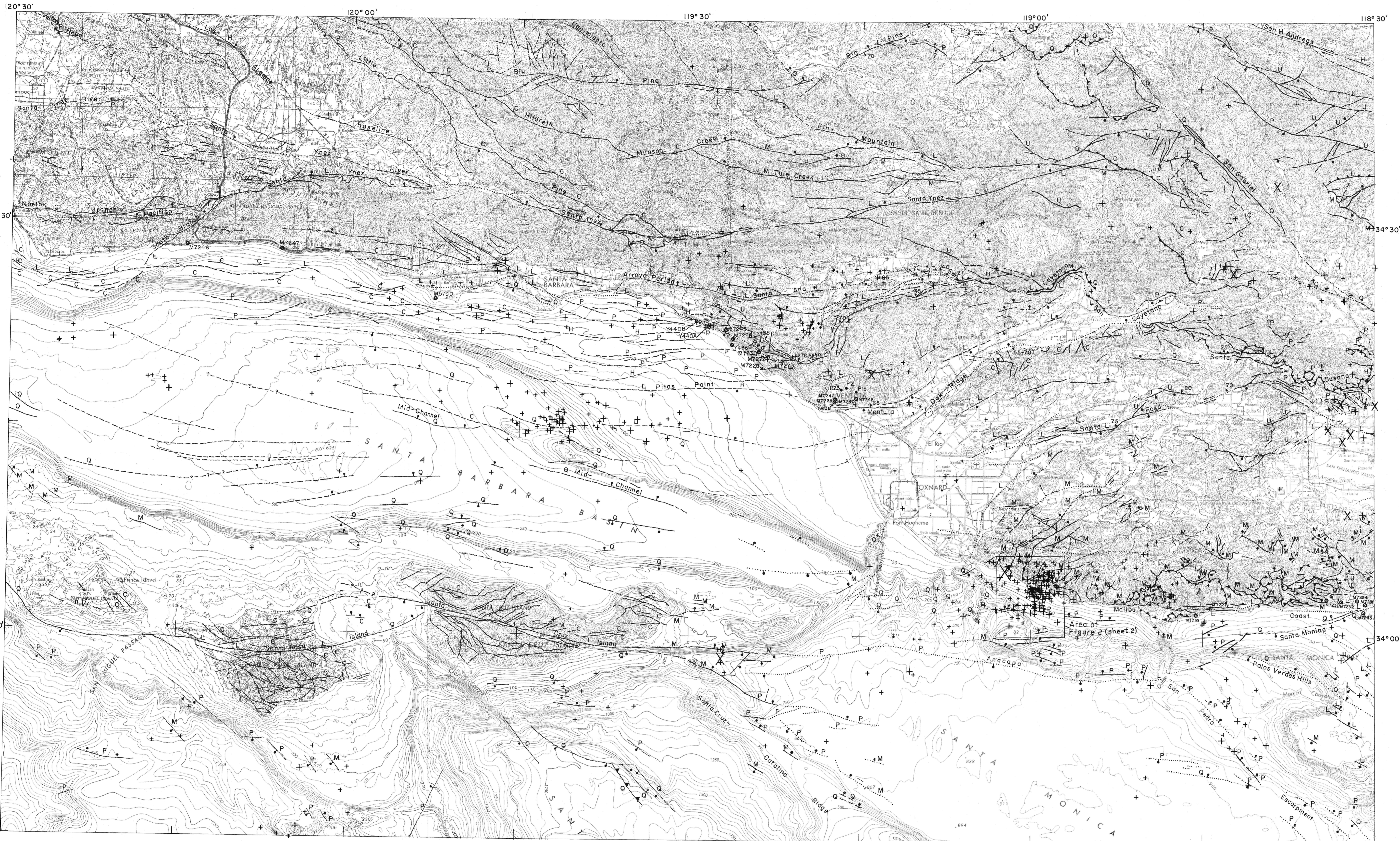


Yerkes and Lee--Faults, epicenters, focal
depths, and focal mechanisms of earth-
quakes, W. Transverse Ranges, Calif.



EXPLANATION

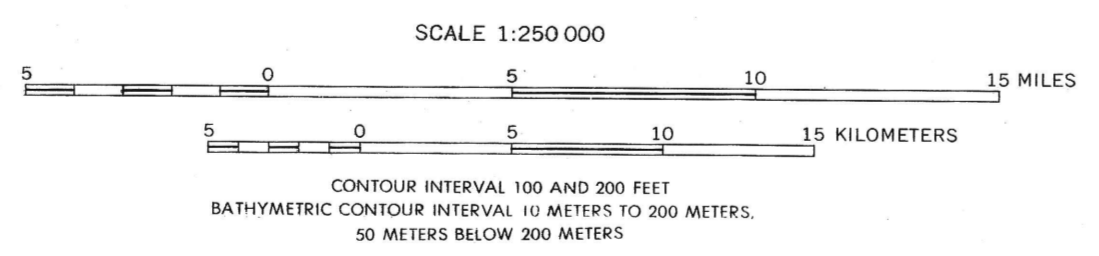


Dashed where inferred, dotted where concealed, queried where conjectural. Bar and ball on downthrown side. Sawteeth on upper plate of low-angle fault. Arrows show relative horizontal displacement. Letter indicates geologic time period during which latest surface displacement occurred: H, Holocene; L, late Pleistocene; Q, early Pleistocene; P, late Pliocene; C, early Pliocene; M, late Miocene; unlabeled, unknown

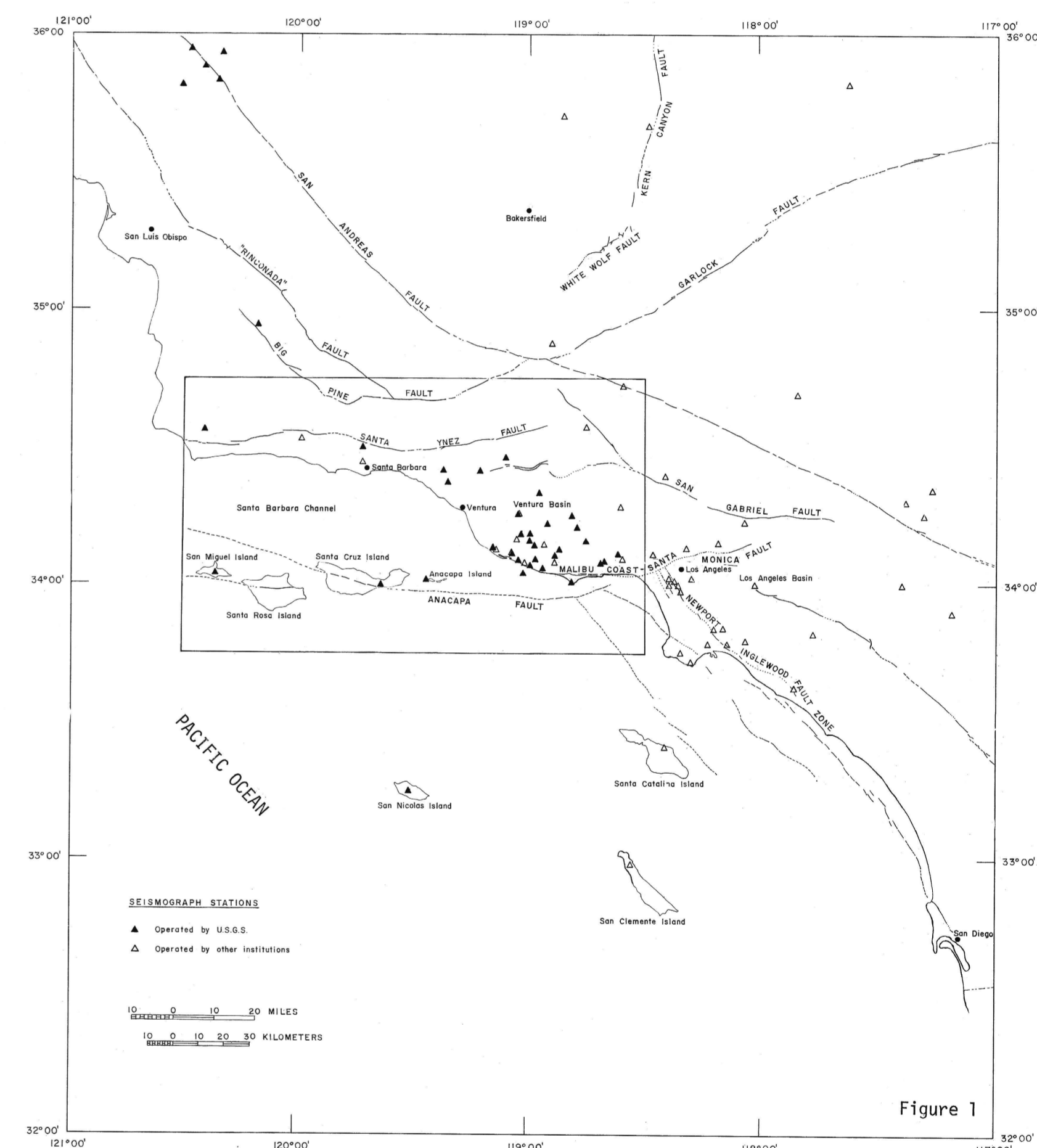
X	M > 5.5	2.5 > M > 3.5	+
X	4.5 > M < 5.5	1.5 > M > 2.5	+
X	3.5 > M < 4.5	M < 1.5	+

Earthquake epicenters located 1970-75, showing magnitude (M)

Base from U.S. Geological Survey 1:250 000 Santa Maria, 1959-68; Long Beach, 1957-70; Los Angeles, 1959-68; and National Ocean Survey Charts 1206N-15, 1306N-19, and 1306N-20, 1967



Faults compiled and modified from Jennings and Strand (1969), Junger and Wagner (1977), Junger (1978), Sylvester and Darrow (1978), and Ziony, Wentworth, Buchanan-Banks, and Wagner (1974)



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MAPS SHOWING FAULTS AND FAULT ACTIVITY, AND EPICENTERS, FOCAL DEPTHS, AND FOCAL MECHANISMS FOR 1970-1975 EARTHQUAKES, WESTERN TRANSVERSE RANGES, CALIFORNIA

By R. F. Yerkes and W. H. K. Lee
1979

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