

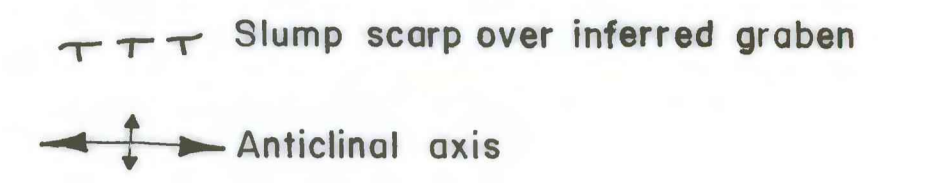
118°W

117°W

EXPLANATION



- FAULT**
 Solid where well defined
 Dashed where inferred
 Queried where questionable
 U - Upthrown side
 D - Downthrown side
 ▬ Denotes seafloor surface displacement, bar and box on downthrown side
 ■ Reaches seafloor
 ● Displaces shallow subsurface sediments



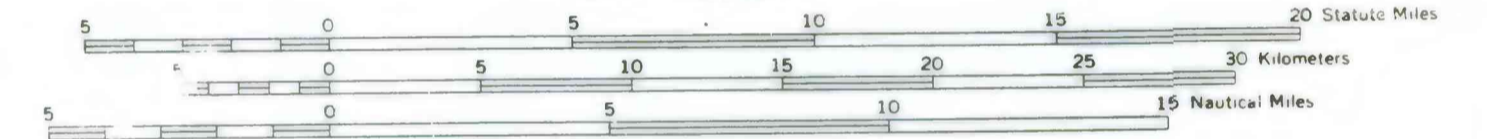
EARTHQUAKE EPICENTERS
January, 1932 - September, 1979

Magnitude	Symbol
$2 \leq M < 4$	○
$3 \leq M < 4$	⊙
$4 \leq M < 6$	⊚
$M \geq 6$	⊛

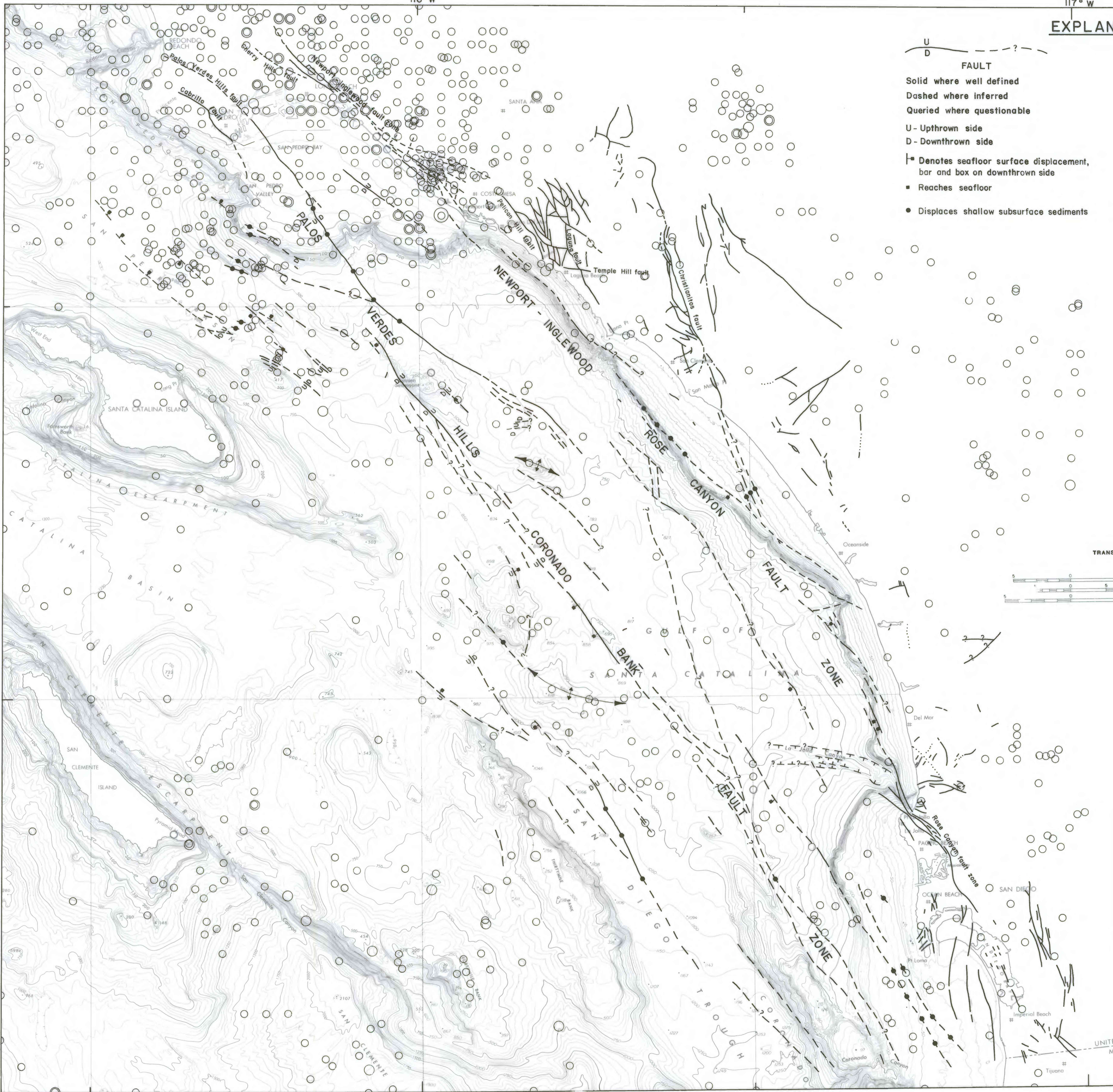
Epicenters determined by California Institute of Technology. Epicenters plotted for 1979 are $M \geq 3$.

TRANSVERSE MERCATOR PROJECTION

Scale 1:250,000



33°N



Bathymetric base compiled from National Oceanic and Atmospheric Administration Chart: 1206N-15, Santa Barbara to Huntington Beach, 1975; 1206N-16, Huntington Beach to Punta Sal S1 Puedes, 1975. Scale: 1:250,000.

STRUCTURE AND SEISMICITY OF THE GULF OF SANTA CATALINA AREA

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