U.S. DEPARTMENT OF THE INTERIOR
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SOUTHERN CALIFORNIA EARTHQUAKES

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SOUTHERN CALIFORNIA EARTHQUAKES

by
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National Earthquake Information Center

Epicenter information derived from the
Southern California Seismographic Network Catalog
a cooperative project of the
Seismological Laboratory, California Institute of Technology
and the
U.S. Geological Survey, Branch of Seismology, Pasadena, CA

1992

Scale 1:375,000 1 inch equals approximately 6 miles

0 5 10 15 20 25 30 35 40 Statute miles
0 5 10 15 20 25 30 35 40 45 Kilometers
0 5 10 15 20 25 30 35 40 Nautical miles

EPICENTERS

Over 140,000 earthquakes that occurred from 1978 through July 1992 are represented as small red circles at the epicenters. Most of these were too small to be felt and were detected only by seismographs. Large earthquakes (magnitude 5.5 and greater) that occurred from 1933 to July 1992 are plotted as black circles.

Built-up area
Irrigated agriculture
Perennial stream
Intermittent stream
Canal and aqueduct
Reservoir
Salt lake
Seasonally inundated
Dry lake
Freeway
Other major road
Local paved road
Gravel road
Railroad
Airport
County seal

Depths in fathoms | elevations in feet
fathoms: 2000 1600 1200 800 400 200 100 50 0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000 4200 4400 4600 4800 5000 5200 5400 5600 5800 6000 6200 6400 6600 6800 7000 7200 7400 7600 7800 8000 8200 8400 8600 8800 9000 9200 9400 9600 9800 10000 feet
Marine Deserts

Scale 1:375,000 1 inch equals approximately 6 miles

Sources: Topography and culture from U.S. Geological Survey 1:100,000 and 1:100,000 scale maps, with additional data from the California Division of Mines and Geology and the California Department of Conservation. Bathymetry on this map is not designed for backcountry navigation. Irrigated and built-up lands (1988 status) were compiled by John Murphy of the California Department of Conservation's Farmlands Mapping and Monitoring Program. Bathymetry from Gary Greene, Monterey Bay Aquarium Research Institute, Moss Landing, California, and Patrick Weaver, Base map design by Stuart Allan. Earthquake plotting software developed by Madeleine Zoback Weaver. Base map design by Stuart Allan. Earthquake plotting software developed by Madeleine Zoback.

Note: This map is not designed for air, sea, or land navigation. Consult aeronautical sectional charts, NOAA navigation charts and local road maps for more complete and current information.

Base map © 1992 Raven Maps & Images

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards. Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

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