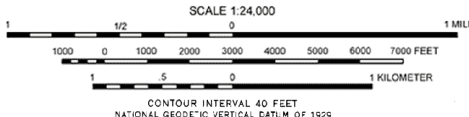


**MAP EXPLANATION**

- Active Faults**
- 1906 C  
 Faults considered to have been active during Holocene time and to have a relatively high potential for surface rupture; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.
- Special Studies Zone Boundaries**
- These are delineated as straight line segments that connect encircled turning points so as to define special studies zone segments.
- Seaward projection of zone boundary.



**STATE OF CALIFORNIA  
SPECIAL STUDIES ZONES**  
Delineated in compliance with  
Chapter 7.5, Division 2 of the California Public Resources Code  
(Aquist-Prato Special Studies Zones Act)

**YUCCA VALLEY SOUTH QUADRANGLE  
REVISED OFFICIAL MAP**  
Effective: July 1, 1993

*James Harris* State Geologist

**REFERENCES USED TO COMPILE FAULT DATA**

- Yucca Valley South Quadrangle
- Ryart, W.A., 1946. Peño Mountain, Mt. Diablo, Copper Mountain and related faults, southern San Bernardino County, California. California Division of Mines and Geology, Fault Evaluation Report FER-81 (unpublished).
- Ryart, W.A., 1947. Surface fault ruptures along the Johnson Valley, Homestead Valley, and related faults associated with the M<sub>2</sub> 5/26 June 1902 Landers earthquake. California Division of Mines and Geology, Fault Evaluation Report FER-82a (unpublished).
- Dibble, T.W., Jr., 1947. Geologic map of the Joshua Tree Quadrangle, San Bernardino and Riverside Counties, California. U.S. Geological Survey Miscellaneous Geologic Investigations Map 1516, scale 1:82,500.
- Treman, J.A., 1962. Eureka Peak and Burr Mountain faults, two "new" faults in Yucca Valley, San Bernardino County, California. In: Eureka, D.R., ed., Landers earthquake of June 28, 1902, San Bernardino County, California, field trip guidebook. Southern California Section of the Association of Engineering Geologists, Annual Field Trip, October 10, 1962, p. 9-22.
- Treman, J.A., 1962. Eureka Peak and related faults, San Bernardino and Riverside Counties, California. California Division of Mines and Geology, Fault Evaluation Report FER-200 (unpublished).
- For additional information on faults in this map area, the reader is referred to zoning and additional references contained in unpublished Fault Evaluation Reports on file at regional offices of DMG.

**IMPORTANT - PLEASE NOTE**

- 1) This map may not show all faults that have the potential for surface fault rupture, either within the special studies zones or outside their boundaries.
- 2) Faults shown are the basis for establishing the boundaries of the special studies zones.
- 3) The identification and location of these faults are based on the best available data. However, the quality of data used is varied. Traces have been drawn as accurately as possible at this map scale.
- 4) Fault information on this map is not sufficient to serve as a substitute for the geologic site investigations (special studies) required under Chapter 7.5 of Division 2 of the California Public Resources Code.