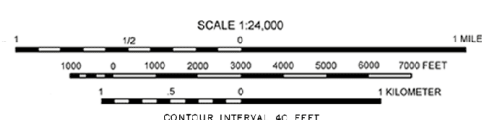


TOPOGRAPHIC BASE MAP BY U.S. GEOLOGICAL SURVEY 1967  
PHOTO REPRODUCED 1979

**MAP EXPLANATION**

- Active Faults**  
Faults considered to have been active during Holocene time and to have 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 fault creep.
- Earthquake Fault Zone Boundaries**  
These are delineated as straight-line segments that connect encircled turning points so as to define Earthquake Fault Zone segments.
- Seaward projection of zone boundary.



**STATE OF CALIFORNIA  
EARTHQUAKE FAULT ZONES**  
Delineated in compliance with  
Chapter 7.5, Division 2 of the California Public Resources Code  
(Alquist-Priolo Earthquake Fault Zoning Act)

**EL CASCO QUADRANGLE  
REVISED OFFICIAL MAP**  
Effective: June 1, 1995

*James F. Davis* State Geologist

**REFERENCES USED TO COMPILE FAULT DATA**

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- Morton, D.M. 1977. Surface deformation in part of the San Jacinto Valley, southern California. U.S. Geological Survey Journal of Research, v. 5, no. 1, p. 117-124, scale 1:48,000.
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**IMPORTANT - PLEASE NOTE**

- This map may not show all faults that have the potential for surface fault rupture, either within the Earthquake Fault Zones or outside their boundaries.
- Faults shown are the basis for establishing the boundaries of the Earthquake Fault Zones.
- 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.
- Fault information on this map is not sufficient to serve as a substitute for the geologic site investigations required under Chapter 7.5 of Division 2 of the California Public Resources Code.