

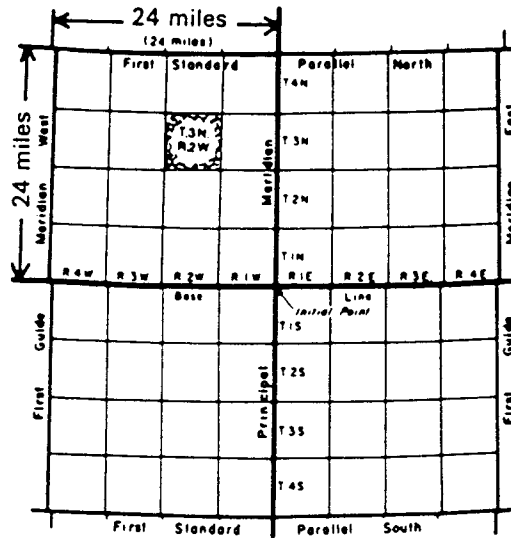
Coloma Quadrangle -

Scale 1:24,000

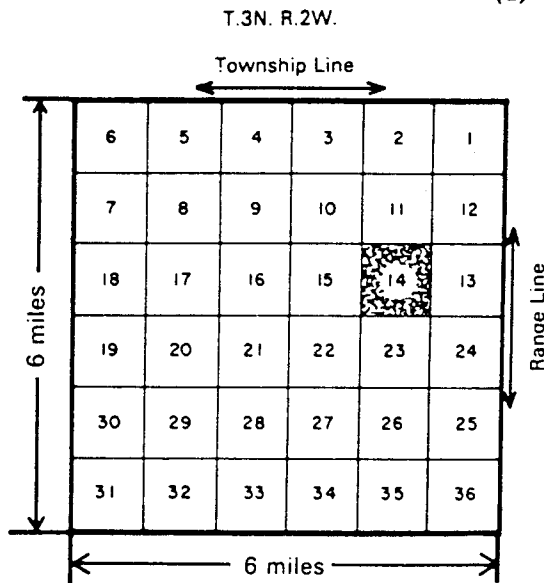
Contour Interval 40 ft. T. 12 N
T. 11 N.

GARDEN VALLEY 14
 GEORGETOWN 68 M
 50'
 16
 21
 47

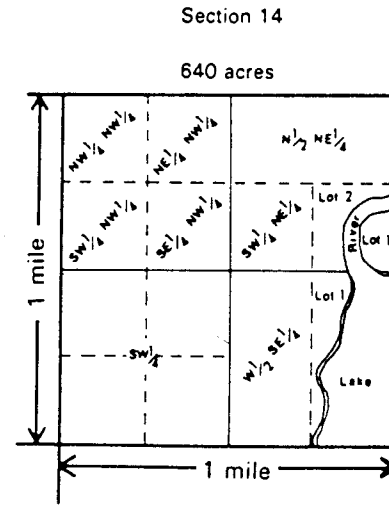
TOWNSHIP GRID



(a)



(b)

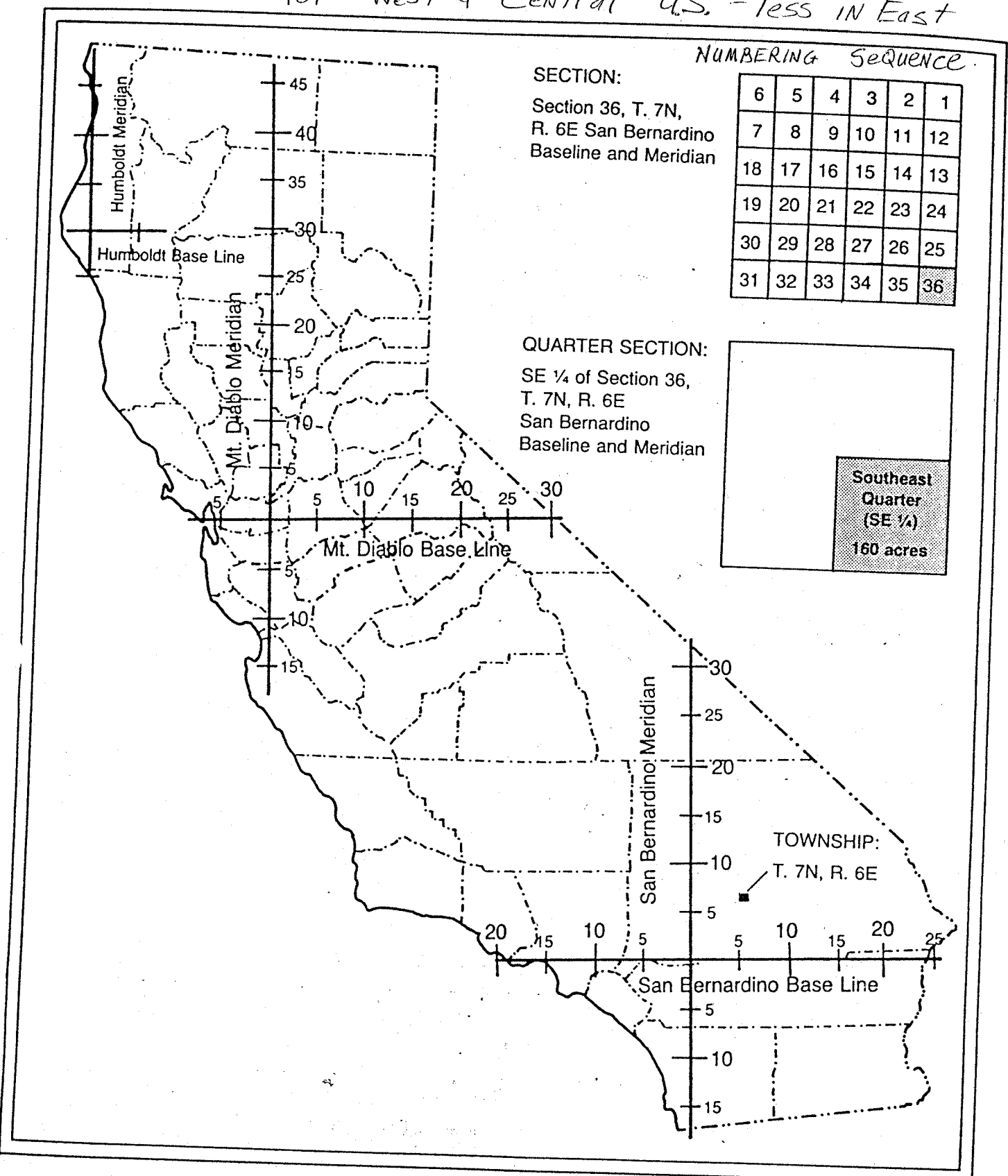


(c)

Figure 12.3 Diagram of the U.S. rectangular survey system. (a) Township grid showing initial point, baseline, principal meridian, standard parallels, and guide meridians, along with examples of township and

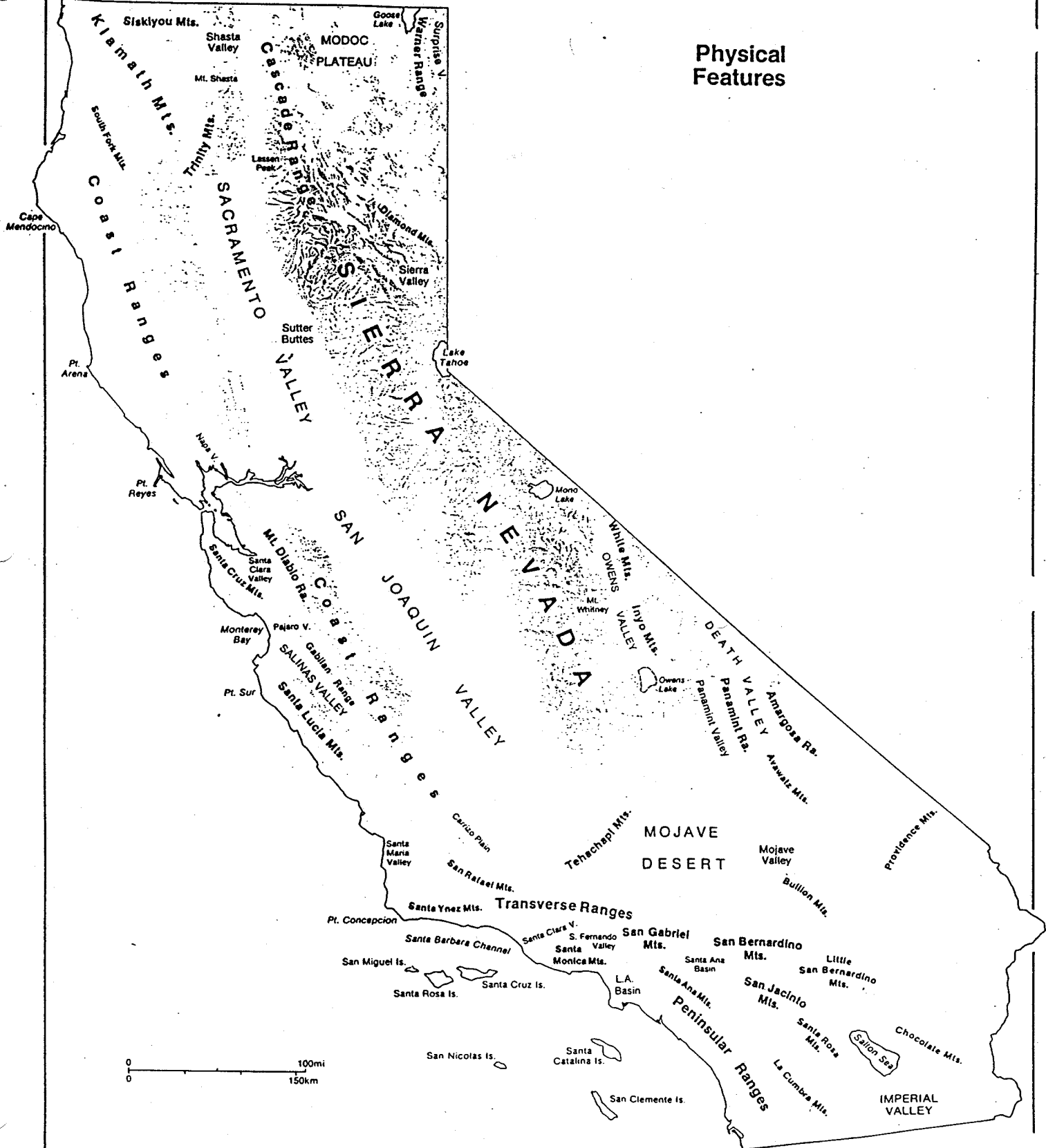
range designations. (b) Subdivision of township into sections and the system of numbering sections from 1 to 36. (c) Subdivision of a section into quarter-sections and forties. (Adapted from the Bureau of Land Management, U.S. Department of Interior.)
 FROM: YOUNG & GIESE, 1990.

US PLS US Public Land Survey
for West & Central U.S. - less in East



Township & Range Code System
Townships = Rows - read off y-axis
Ranges = Columns - read off x-axis










Physical Features

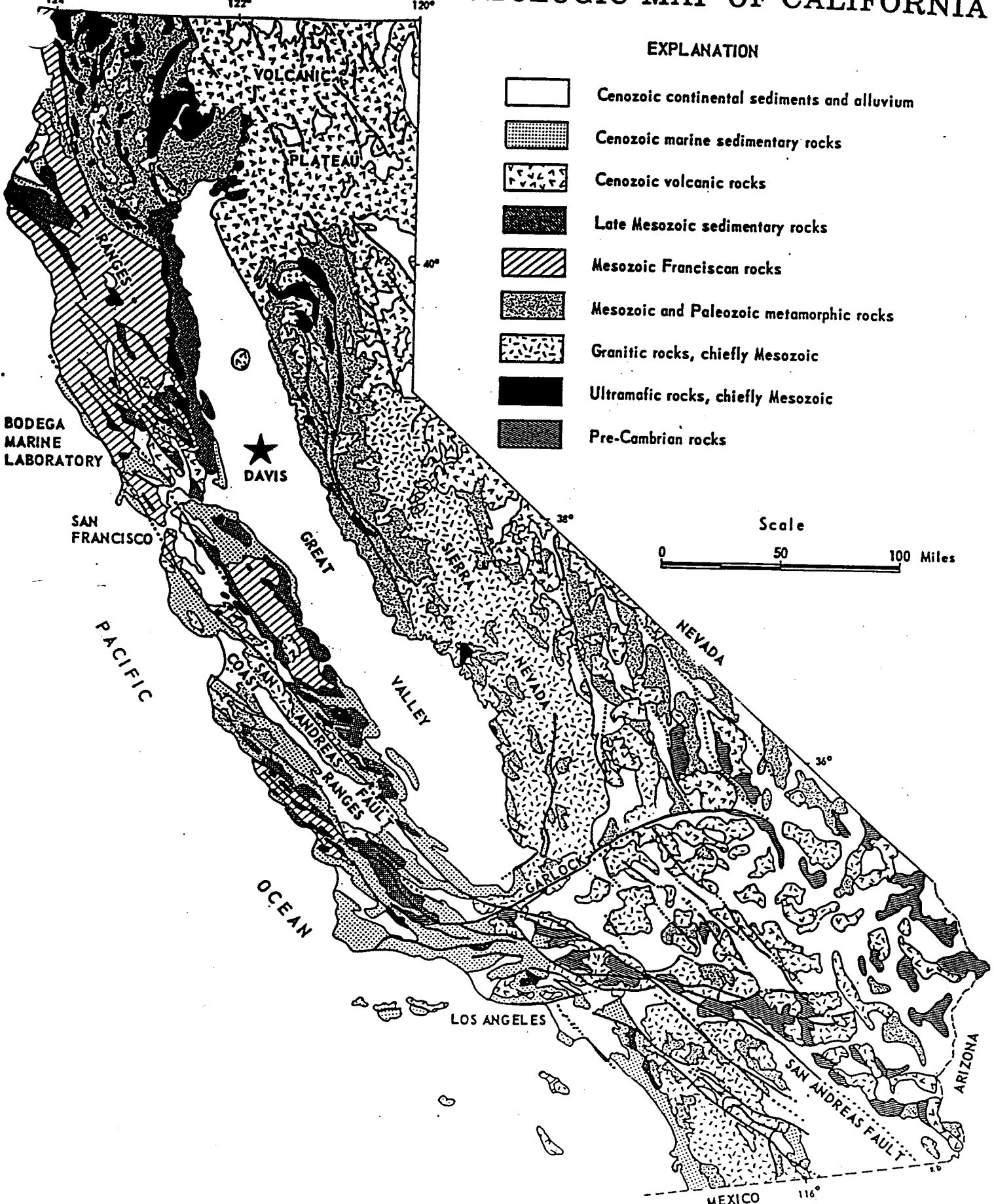


OREGON

GEOLOGIC MAP OF CALIFORNIA

EXPLANATION

-  Cenozoic continental sediments and alluvium
-  Cenozoic marine sedimentary rocks
-  Cenozoic volcanic rocks
-  Late Mesozoic sedimentary rocks
-  Mesozoic Franciscan rocks
-  Mesozoic and Paleozoic metamorphic rocks
-  Granitic rocks, chiefly Mesozoic
-  Ultramafic rocks, chiefly Mesozoic
-  Pre-Cambrian rocks



BODEGA MARINE LABORATORY

★ DAVIS

SAN FRANCISCO

Scale



PACIFIC OCEAN

OCEAN

LOS ANGELES

NEVADA

ARIZONA

MEXICO

AVERAGE ANNUAL PRECIPITATION

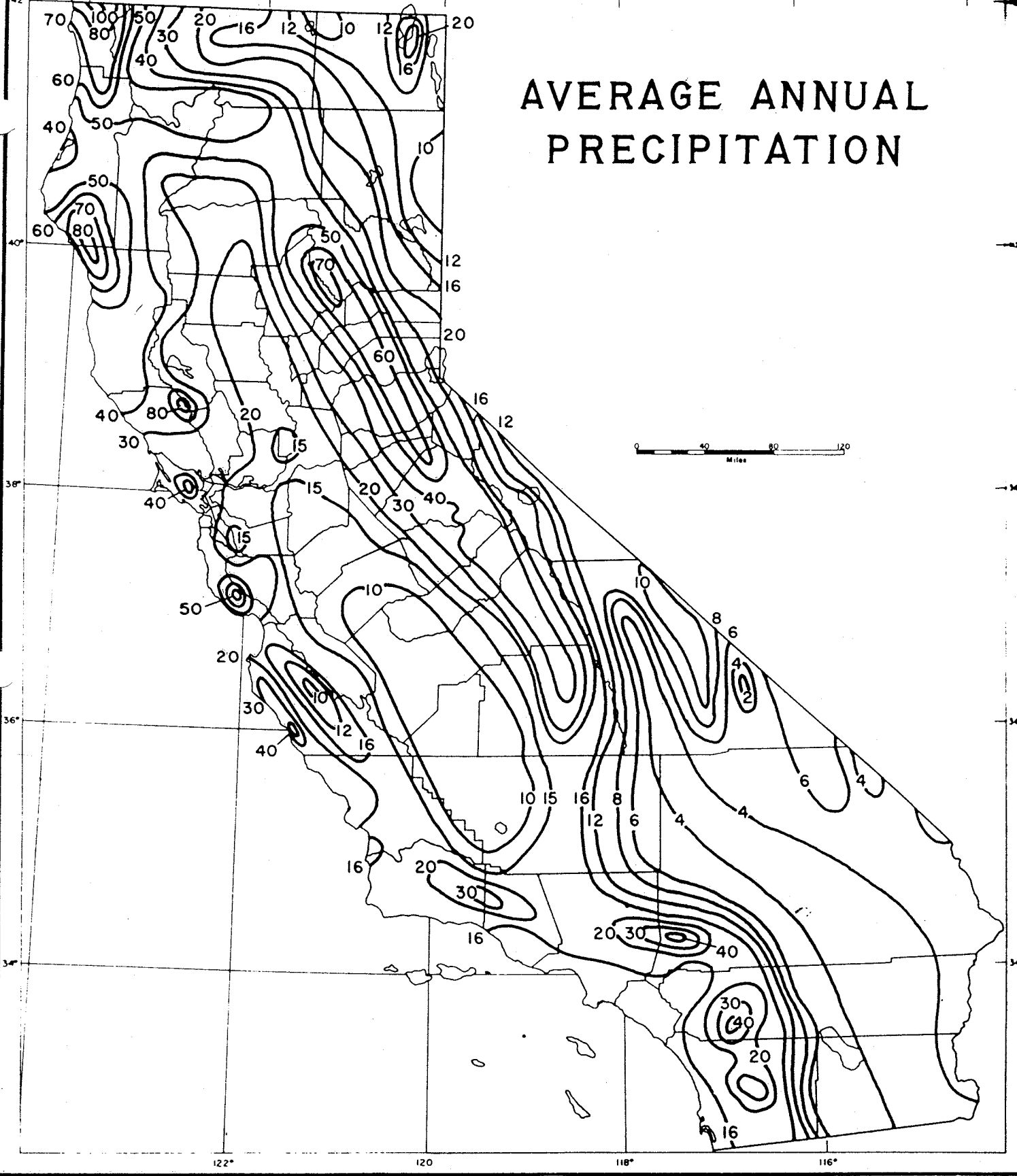


Figure A-4. Average annual precipitation (inches).

| ERA | PERIOD | EPOCH |
|------------------|------------------|--------------------|
| Cenozoic | Quaternary | Holocene (Recent) |
| | | 10,000 B.P.* |
| | Tertiary | Pleistocene |
| | | 1,800,000 B.P. |
| | | Pliocene |
| | | 5,000,000 B.P. |
| | | Miocene |
| | | 23,000,000 B.P. |
| | | Oligocene |
| | | 38,000,000 B.P. |
| Cretaceous | Eocene | |
| | 55,000,000 B.P. | |
| Mesozoic | Jurassic | Paleocene |
| | | 65,000,000 B.P. |
| | Triassic | 140,000,000 B.P. |
| | | Jurassic |
| | | 195,000,000 B.P. |
| | Paleozoic | Permian |
| | | 230,000,000 B.P. |
| | | Pennsylvanian |
| | | 280,000,000 B.P. |
| | | Mississippian |
| 320,000,000 B.P. | | |
| Devonian | | |
| 345,000,000 B.P. | | |
| Precambrian | Silurian | |
| | 395,000,000 B.P. | |
| | Ordovician | |
| | 435,000,000 B.P. | |
| Cambrian | 500,000,000 B.P. | |
| | 570,000,000 B.P. | |
| Precambrian | | 4,500,000,000 B.P. |

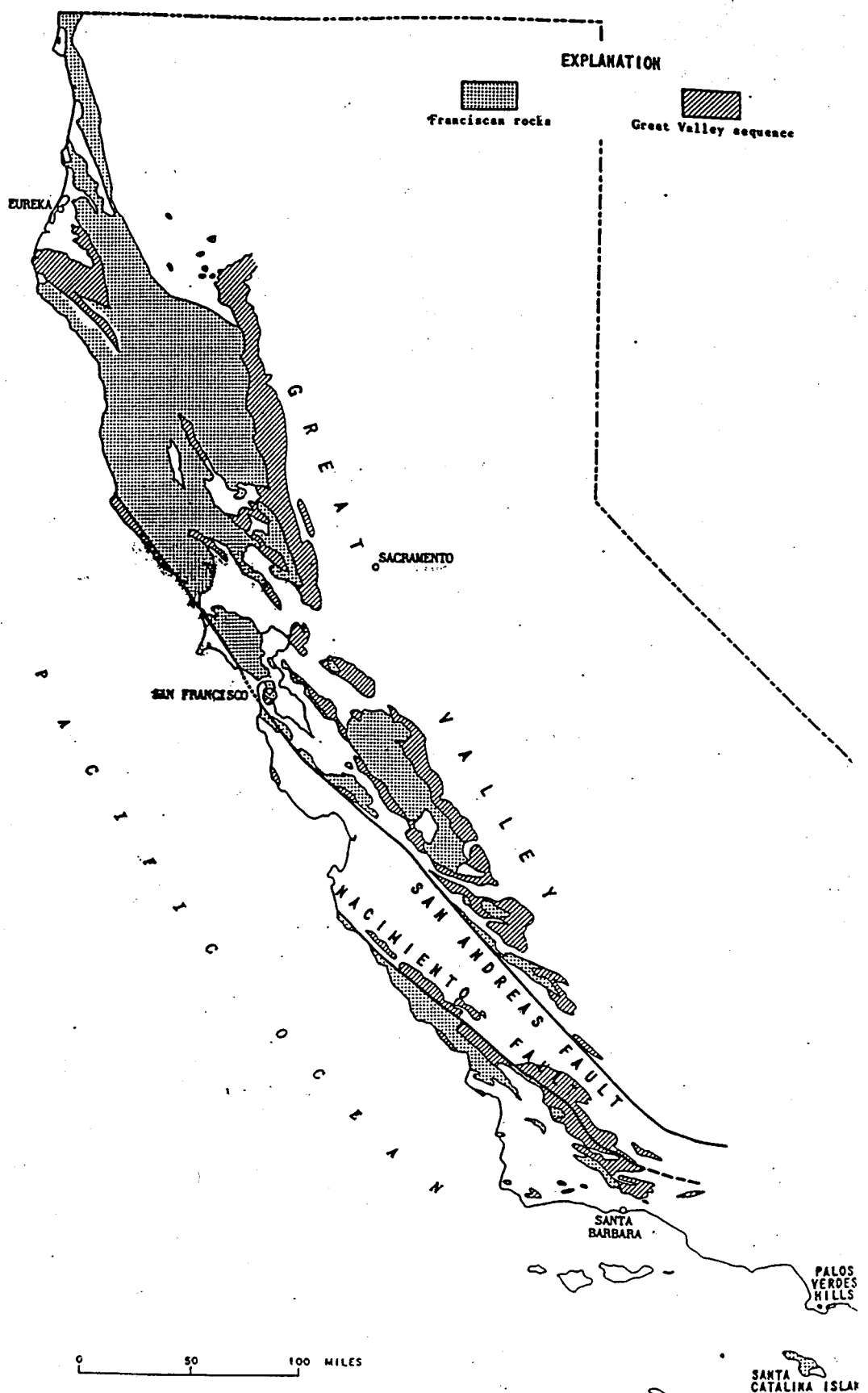


Figure 3. Generalized map showing distribution of Franciscan rocks and Great Valley sequence.

Counties

